

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026774.D
 Acq On : 15 Jul 2020 13:23
 Operator : JU/CG
 Sample : PB130168BL
 Misc : PBBL-WATER-05
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Manual Integrations
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 7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:11:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	72410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	298580	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	180642	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	374930	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	315958	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	374346	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	14621	6.07	ng/uL	0.00
5) Phenol-d5	6.52	99	197775	29.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	151550	33.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	158845	31.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	161279	30.41	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	76921	32.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	84176	33.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	144706	29.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	210041	40.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	498302	34.58	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	567417	32.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	48379	23.26	ng/ul	0.00
58) Fluorene-d10	14.98	176	421691	33.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	60037	25.63	ng/ul	0.00
71) Anthracene-d10	16.83	188	518997	28.11	ng/ul	0.00
79) Pyrene-d10	19.14	212	667061	40.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	677461	33.53	ng/ul	0.00

Target Compounds				Ovalue	
46) 2,6-Dinitrotoluene	13.41	165	3133	1.075	ng/ul# 32

(#) = qualifier out of range (m) = manual integration (+) = signals summed

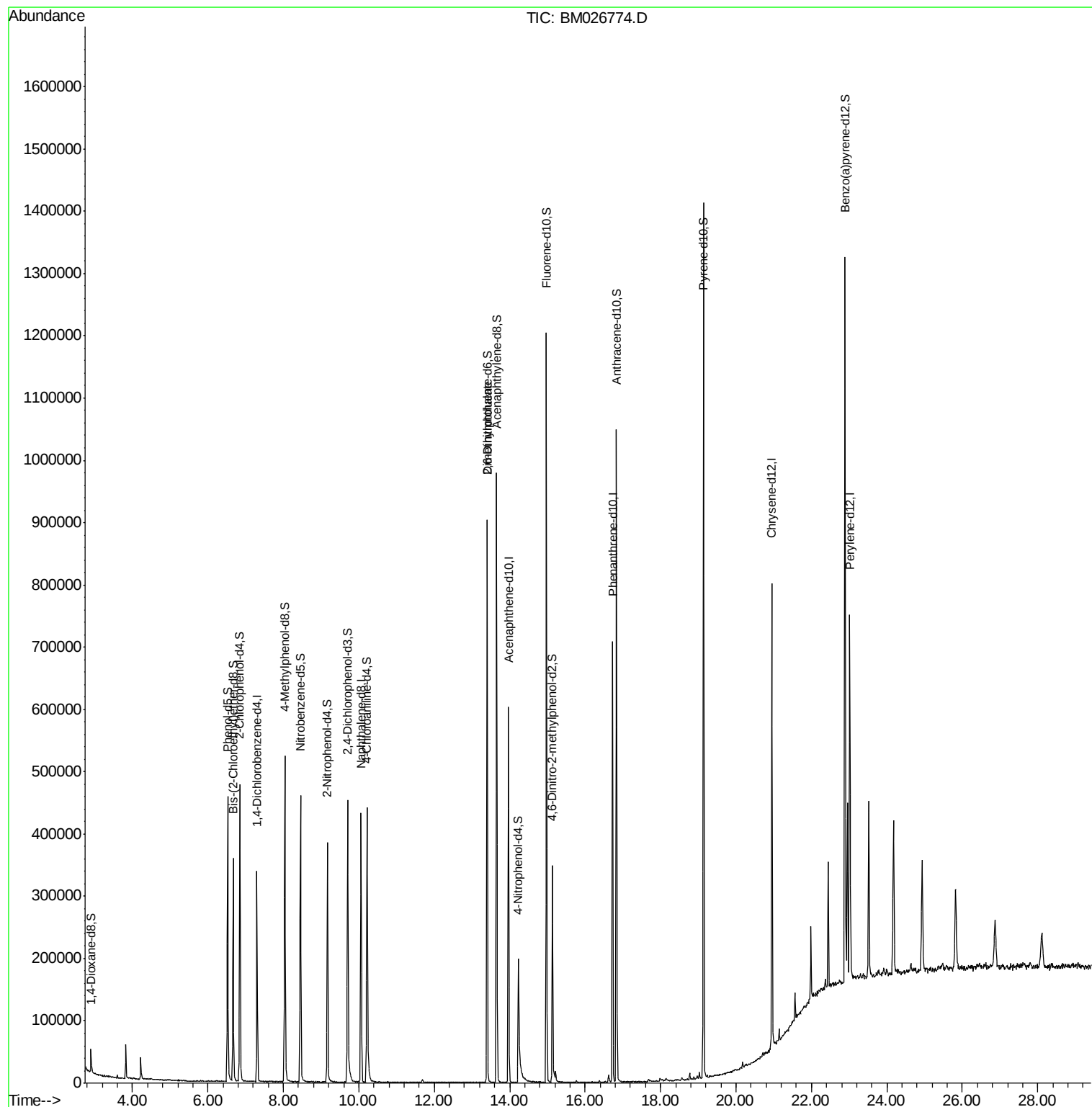
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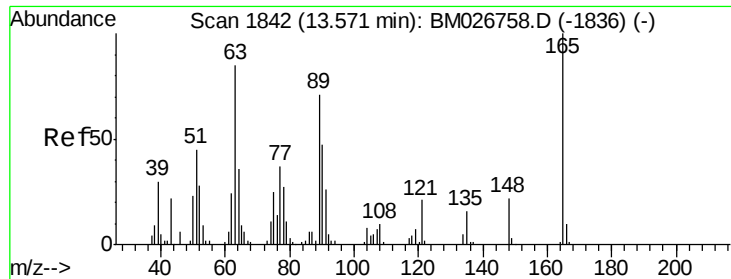
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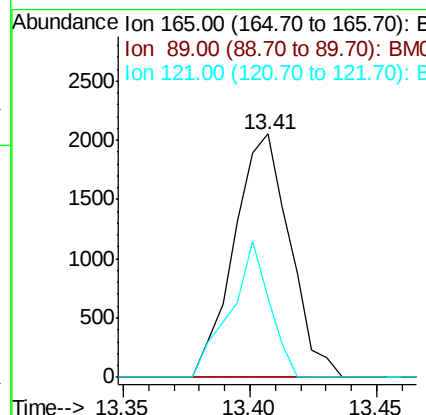
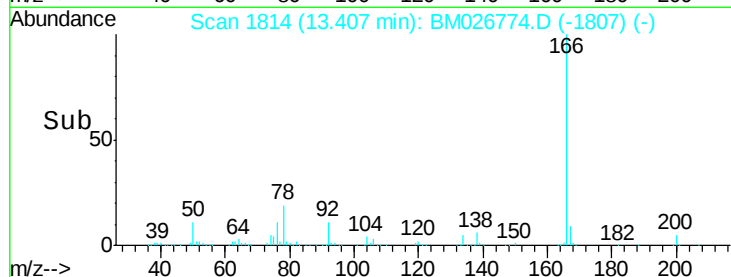
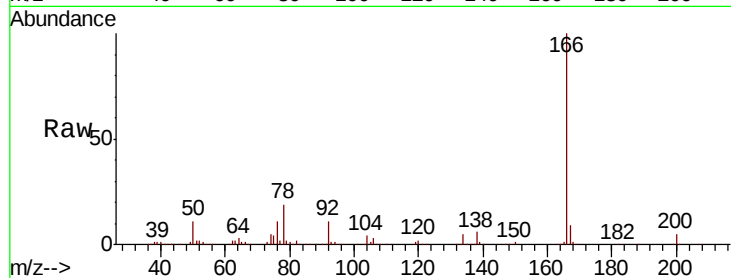
#46
 2,6-Dinitrotoluene
 Concen: 1.075 ng/ul
 RT: 13.41 min Scan# 1814
 Delta R.T. -0.16 min
 Lab File: BM026774.D
 Acq: 15 Jul 2020 13:23

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Tot Ion:	165	Resp:	3133
Ion Ratio	Lower	Upper	
165	100		
89	0.0	54.2	81.4#
121	32.8	18.2	27.4#

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M

Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.902	25	28	35	rVB	36869	45880	2.43%	0.190%
2	3.249	85	87	91	rVB4	2700	2994	0.16%	0.012%
3	3.596	143	146	150	rVB3	5823	7551	0.40%	0.031%
4	3.825	180	185	191	rBV	55369	73055	3.88%	0.303%
5	4.219	248	252	261	rBV	33609	45765	2.43%	0.190%
6	6.449	627	631	634	rBV4	1240	2071	0.11%	0.009%
7	6.519	637	643	657	rVV	456284	717496	38.06%	2.974%
8	6.666	661	668	676	rBV	356246	520028	27.59%	2.155%
9	6.848	693	699	712	rBV	476533	731319	38.80%	3.031%
10	7.301	770	776	786	rBV	338478	519189	27.54%	2.152%
11	8.037	894	901	910	rBV	523047	824146	43.72%	3.416%
12	8.137	916	918	923	rVB4	1628	2121	0.11%	0.009%
13	8.454	964	972	984	rBV	460066	723968	38.41%	3.001%
14	9.166	1085	1093	1107	rBV	385160	615914	32.67%	2.553%
15	9.707	1178	1185	1204	rBV	452963	829329	44.00%	3.437%
16	10.060	1235	1245	1253	rBV	431731	696116	36.93%	2.885%
17	10.219	1265	1272	1293	rBV	441219	846920	44.93%	3.510%
18	11.683	1517	1521	1528	rBV5	4417	9040	0.48%	0.037%
19	13.401	1806	1813	1825	rBV	904314	1228172	65.16%	5.090%
20	13.654	1849	1856	1868	rBV	978517	1359545	72.12%	5.635%
21	13.966	1903	1909	1920	rVB	602499	872935	46.31%	3.618%
22	14.230	1949	1954	1975	rBV	198356	483000	25.62%	2.002%
23	14.813	2049	2053	2056	rVB4	1557	2321	0.12%	0.010%
24	14.977	2074	2081	2089	rBV	1203606	1684837	89.38%	6.983%
25	15.130	2101	2107	2119	rBV	347608	526494	27.93%	2.182%
26	15.219	2119	2122	2130	rVV	16715	26973	1.43%	0.112%
27	15.766	2211	2215	2220	rVB4	3271	4634	0.25%	0.019%
28	16.377	2316	2319	2323	rVB3	2288	2761	0.15%	0.011%
29	16.524	2340	2344	2348	rBV	2088	2921	0.15%	0.012%
30	16.618	2354	2360	2367	rBV3	11855	22521	1.19%	0.093%
31	16.730	2373	2379	2387	rVB	707205	978906	51.93%	4.057%
32	16.830	2389	2396	2408	rBV	1047258	1434648	76.11%	5.946%
33	17.671	2537	2539	2540	rBV2	2982	2354	0.12%	0.010%
34	17.983	2588	2592	2599	rVV5	4576	11796	0.63%	0.049%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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35	18.148	2616	2620	2621	rBV4	3311	3741	0.20%	0.016%
36	18.565	2687	2691	2695	rBV7	4409	6213	0.33%	0.026%
37	18.777	2721	2727	2732	rBV	11407	18013	0.96%	0.075%
38	18.824	2732	2735	2740	rVB6	1712	2720	0.14%	0.011%
39	18.877	2740	2744	2750	rBV7	4008	6771	0.36%	0.028%
40	18.971	2756	2760	2765	rBV5	5172	8239	0.44%	0.034%
41	19.024	2765	2769	2776	rVB	10116	13572	0.72%	0.056%
42	19.136	2781	2788	2801	rVV	1405799	1884990	100.00%	7.813%
43	19.236	2803	2805	2810	rVB5	3617	5063	0.27%	0.021%
44	19.477	2844	2846	2850	rBV4	1832	2265	0.12%	0.009%
45	20.177	2962	2965	2968	rBV3	9365	10076	0.53%	0.042%
46	20.953	3092	3097	3106	rBV	748266	976101	51.78%	4.046%
47	21.559	3197	3200	3205	rBV3	44154	51020	2.71%	0.211%
48	21.989	3269	3273	3279	rBV	115418	138651	7.36%	0.575%
49	22.442	3346	3350	3356	rVB	198846	241931	12.83%	1.003%
50	22.889	3420	3426	3432	rBV	1164215	1796751	95.32%	7.447%
51	22.947	3432	3436	3442	rVV	283663	428955	22.76%	1.778%
52	23.018	3442	3448	3459	rVB	581452	1023251	54.28%	4.241%
53	23.518	3528	3533	3540	rVB	279003	442075	23.45%	1.832%
54	24.177	3639	3645	3652	rVB	243728	490299	26.01%	2.032%
55	24.936	3768	3774	3784	rVB	177341	393078	20.85%	1.629%
56	25.824	3920	3925	3934	rVB	126547	326172	17.30%	1.352%

Sum of corrected areas: 24127667

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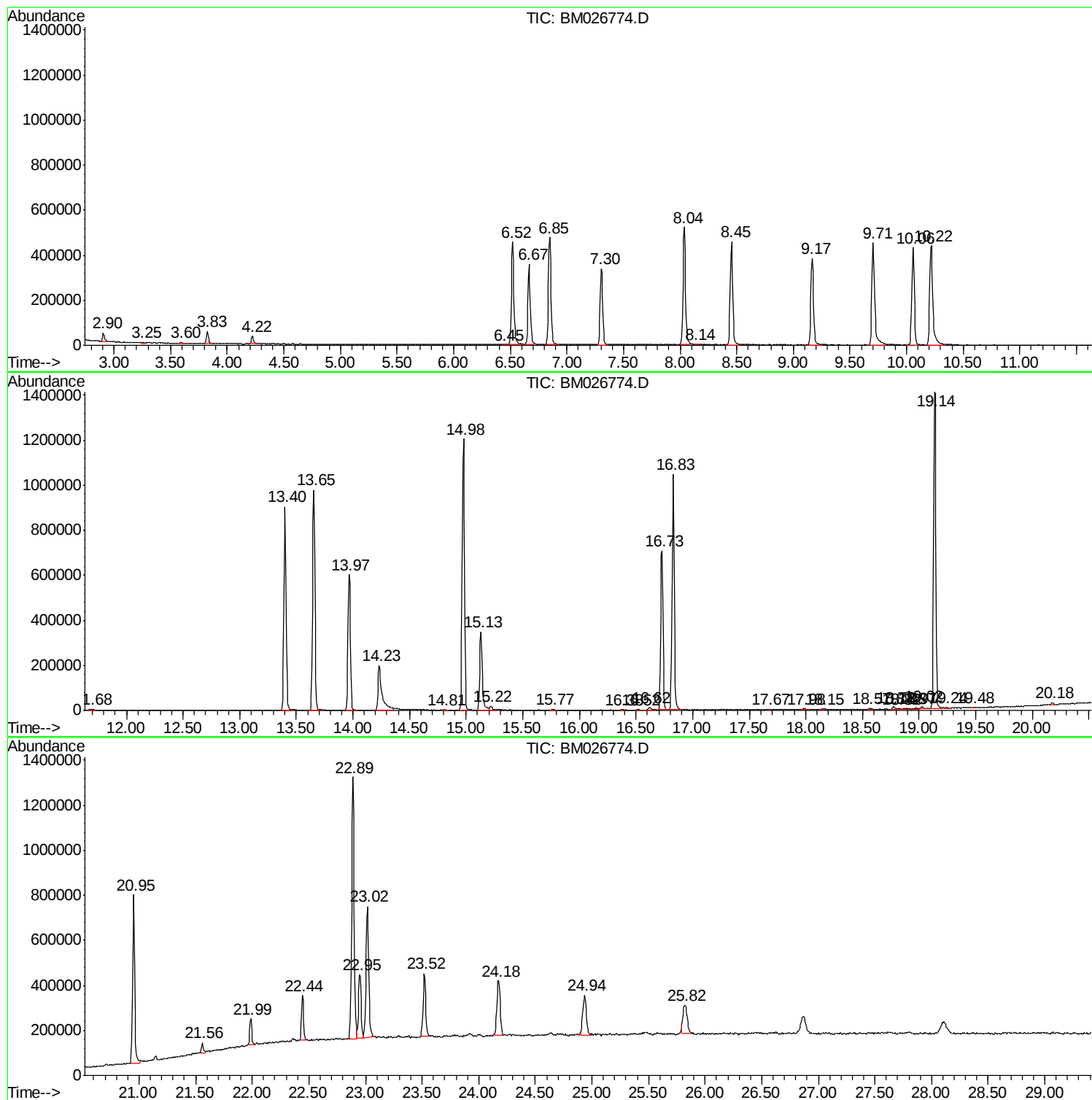
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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 Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.81 ng/ul	73055	1,4-Dichlorobenzene-d4	7.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butyn-2-ol, 2-methyl-			84	C5H8O	000115-19-5	47
2	3-Penten-1-ol, 2-methyl-			100	C6H12O	062238-37-3	40
3	2-Propenoic acid, 2-methyl-, eth...			112	C6H8O2	004245-37-8	39
4	1-Pentene, 2,3-dimethyl-			98	C7H14	003404-72-6	39
5	Butane, 2,3-dimethyl-2-nitro-			131	C6H13NO2	034075-28-0	39

 Peak Number 2 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.99	2.71 ng/ul	138651	Perylene-d12		23.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	98
2	Tetracosane			338	C24H50	000646-31-1	90
3	Octacosane			394	C28H58	000630-02-4	90
4	Eicosane, 7-hexyl-			366	C26H54	055333-99-8	87
5	Eicosane, 9-octyl-			394	C28H58	013475-77-9	83

 Peak Number 3 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.44	4.73 ng/ul	241931	Perylene-d12		23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Tetracosane	338	C24H50	000646-31-1	90

 Peak Number 4 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
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 TIC Integration Parameters: LSCINT.P

22.95	8.38 ng/ul	428955	Perylene-d12	23.02			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Heptacosane	380	C27H56	000593-49-7	87
5			Tetracosane	338	C24H50	000646-31-1	87

 Peak Number 5 Pentadecane, 8-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.52	8.64 ng/ul	442075	Perylene-d12		23.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
3		Eicosane	282	C20H42	000112-95-8	87
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5		Heptacosane	380	C27H56	000593-49-7	87

 Peak Number 6 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.18	9.58 ng/ul	490299	Perylene-d12		23.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Hexacosane	366	C26H54	000630-01-3	93
3		Octacosane	394	C28H58	000630-02-4	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Tetratetracontane	619	C44H90	007098-22-8	87

 Peak Number 7 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
24.94	7.68 ng/ul	393078	Perylene-d12			23.02
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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TIC Library : C:\DATABASE\NIST11.L
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1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Octacosane	394	C28H58	000630-02-4	90

Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	6.38 ng/ul	326172	Perylene-d12	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4			Heptacosane	380	C27H56	000593-49-7	87
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	87

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.83	2.8	ng/ul	73055	1	7.31	519189	20.0
Eicosane	21.99	2.7	ng/ul	138651	6	23.02	1023250	20.0
Hexacosane	22.44	4.7	ng/ul	241931	6	23.02	1023250	20.0
Octadecane, 2-met...	22.95	8.4	ng/ul	428955	6	23.02	1023250	20.0
Pentadecane, 8-he...	23.52	8.6	ng/ul	442075	6	23.02	1023250	20.0
Octacosane	24.18	9.6	ng/ul	490299	6	23.02	1023250	20.0
2-methyloctacosane	24.94	7.7	ng/ul	393078	6	23.02	1023250	20.0
Heneicosane, 11-d...	25.82	6.4	ng/ul	326172	6	23.02	1023250	20.0

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026775.D
 Acq On : 15 Jul 2020 13:59
 Operator : JU/CG
 Sample : L1955-12
 Misc : MDL-WATER-05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-WATER-05

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 7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:38:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	63692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	252879	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	154375	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	325348	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	336988	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	396289	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3546	1.67	ng/uL	0.00
5) Phenol-d5	6.52	99	162444	27.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	117041	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	126971	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	126543	27.12	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	60303	30.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	64758	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	119371	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	159864	36.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	379116	30.79	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	455824	30.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	43270	24.35	ng/ul	0.00
58) Fluorene-d10	14.98	176	316879	29.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55159	27.14	ng/ul	0.00
71) Anthracene-d10	16.82	188	487732	30.44	ng/ul	0.00
79) Pyrene-d10	19.14	212	558096	31.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	611982	28.61	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.94	88	3108	1.354	ng/uL 94
4) Benzaldehyde	6.48	77	8909	2.876	ng/ul 94
6) Phenol	6.54	94	22776	3.552	ng/ul 95
8) Bis(2-Chloroethyl)ether	6.75	93	18876	3.866	ng/ul 97
10) 2-Chlorophenol	6.88	128	17939	3.631	ng/ul 99
11) 2-Methylphenol	7.78	108	15061	3.287	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.84	45	36678	3.872	ng/ul 99
14) Acetophenone	8.13	105	27346	3.460	ng/ul# 87
15) N-Nitroso-di-n-propylamine	8.12	70	15907	3.407	ng/ul# 87
16) 4-Methylphenol	8.10	108	17384	3.413	ng/ul 94
17) Hexachloroethane	8.35	117	8233	3.760	ng/ul 97
20) Nitrobenzene	8.50	77	24613	3.903	ng/ul 99
21) Isophorone	9.02	82	39006	3.679	ng/ul 99
23) 2-Nitrophenol	9.20	139	10078	4.085	ng/ul 97
24) 2,4-Dimethylphenol	9.28	107	19831	3.490	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.51	93	24056	3.816	ng/ul 98
27) 2,4-Dichlorophenol	9.74	162	16059	3.722	ng/ul 98
28) Naphthalene	10.11	128	55539	3.711	ng/ul 99
30) 4-Chloroaniline	10.24	127	21263	4.551	ng/ul 99
31) Hexachlorobutadiene	10.40	225	12371	3.956	ng/ul 94
32) Caprolactam	11.06	113	2910	2.442	ng/ul# 70
33) 4-Chloro-3-methylphenol	11.40	107	16200	3.299	ng/ul 98
34) 2-Methylnaphthalene	11.74	142	37899	3.614	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026775.D
 Acq On : 15 Jul 2020 13:59
 Operator : JU/CG
 Sample : L1955-12
 Misc : MDL-WATER-05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-WATER-05

Manual Integrations
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Quant Time: Jul 15 14:38:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	11.96	142	37467	3.833	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	21968	3.915	ng/ul	94
38) Hexachlorocyclopentadiene	12.10	237	3372	1.178	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.40	196	11038	3.332	ng/ul	91
40) 2,4,5-Trichlorophenol	12.48	196	11912	3.288	ng/ul#	80
41) 1,1'-Biphenyl	12.79	154	49333	3.692	ng/ul#	93
42) 2-Chloronaphthalene	12.82	162	38954	3.704	ng/ul	99
43) 2-Nitroaniline	13.06	65	10849	3.068	ng/ul	93
45) Dimethylphthalate	13.45	163	50951	3.953	ng/ul	96
46) 2,6-Dinitrotoluene	13.57	165	7928	3.183	ng/ul	96
48) Acenaphthylene	13.68	152	59963	3.763	ng/ul	97
49) 3-Nitroaniline	13.91	138	6007	2.901	ng/ul	88
50) Acenaphthene	14.03	153	40942	3.635	ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	1512	1.168	ng/ul	92
53) 4-Nitrophenol	14.24	109	5808	3.175	ng/ul	84
54) Dibenzofuran	14.38	168	60409	3.780	ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	12769	3.447	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.62	232	10958	3.514	ng/ul#	83
57) Diethylphthalate	14.83	149	49620	3.830	ng/ul	99
59) Fluorene	15.03	166	48580	3.721	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	26213	3.862	ng/ul	95
61) 4-Nitroaniline	15.09	138	4576	1.954	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.14	198	7955	3.695	ng/ul#	69
65) N-Nitrosodiphenylamine	15.26	169	40624	3.734	ng/ul	96
66) 4-Bromophenyl-phenylether	15.94	248	15433	3.935	ng/ul	89
67) Hexachlorobenzene	16.04	284	17180	3.844	ng/ul	98
68) Atrazine	16.23	200	13584	3.833	ng/ul	92
69) Pentachlorophenol	16.41	266	5567	2.526	ng/ul	93
70) Phenanthrene	16.77	178	77233	3.812	ng/ul	98
72) Anthracene	16.86	178	78518	3.841	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	21415	3.818	ng/uL	95
74) Pentachlorobenzene	14.30	250	21093	3.926	ng/uL	91
75) Carbazole	17.15	167	58502	3.574	ng/ul	99
76) Di-n-butylphthalate	17.73	149	74347	3.754	ng/ul	99
77) Fluoranthene	18.81	202	87002	4.151	ng/ul	98
80) Pvrene	19.17	202	96736	4.051	ng/ul	98
81) Butylbenzylphthalate	20.11	149	32590	3.847	ng/ul	93
82) 3,3'-Dichlorobenzidine	20.89	252	20830	3.067	ng/ul	98
83) Benzo(a)anthracene	20.94	228	95062	4.098	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.91	149	46114	3.655	ng/ul	97
85) Chrysene	20.99	228	95472	4.149	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	81540	3.339	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	95031	3.530	ng/ul	96
89) Benzo(k)fluoranthene	22.46	252	98400	3.688	ng/ul	98
91) Benzo(a)pyrene	22.93	252	97360	4.077	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	110381	3.542	ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	93560	3.563	ng/ul	98
94) Benzo(a,h,i)perylene	25.62	276	94628	3.640	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

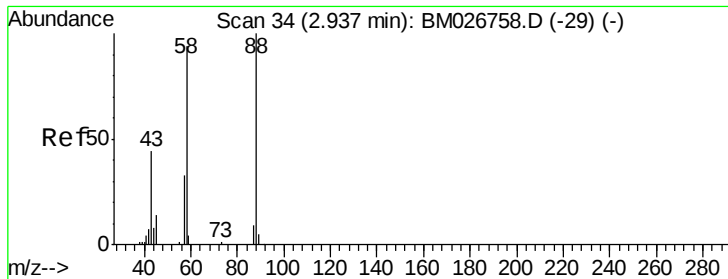
Manual Integrations
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7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:38:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.354 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

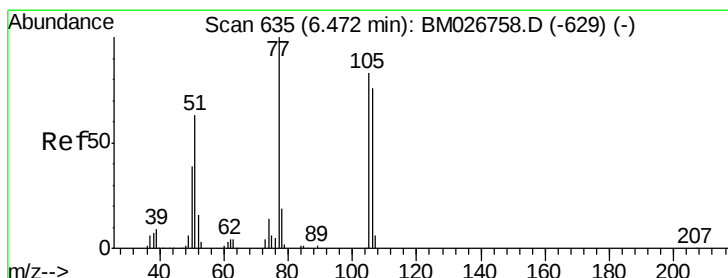
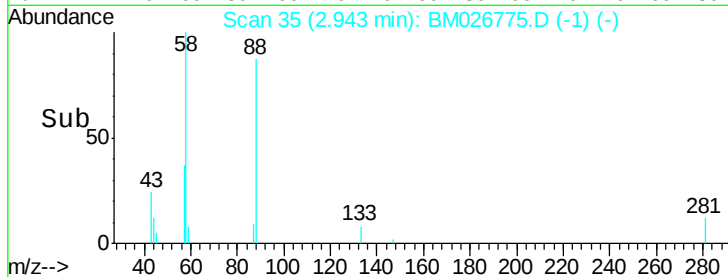
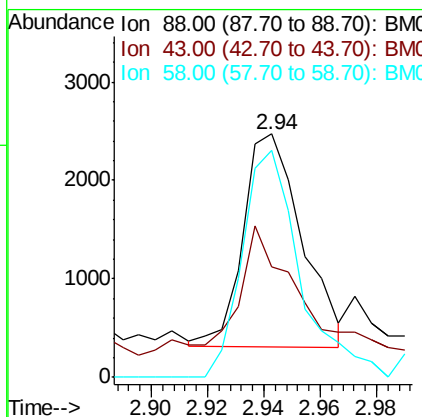
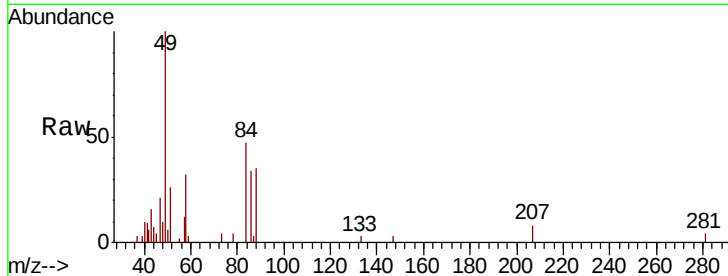
ClientSampleId :

MDL-WATER-05

Tot Ion:	88	Resp:	3108
Ion	Ratio	Lower	Upper
88	100		
43	45.2	38.2	57.2
58	93.4	68.9	103.3

Manual Integrations
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#4

Benzaldehyde

Concen: 2.876 ng/uL

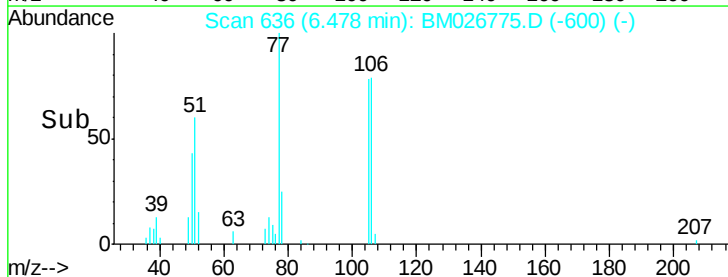
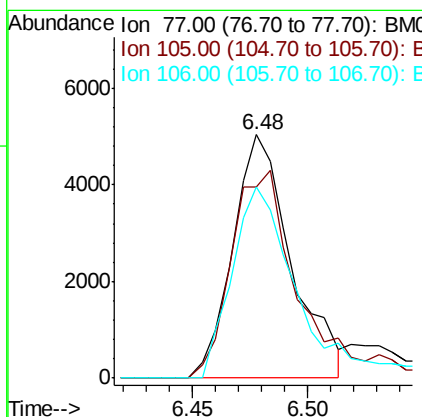
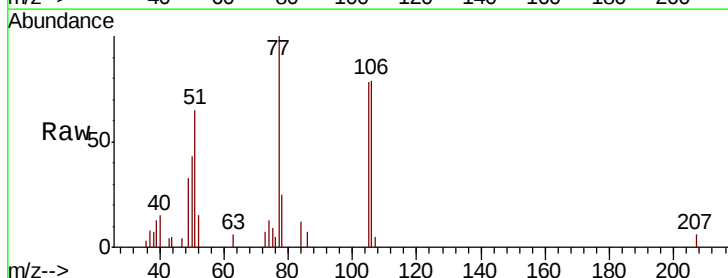
RT: 6.48 min Scan# 636

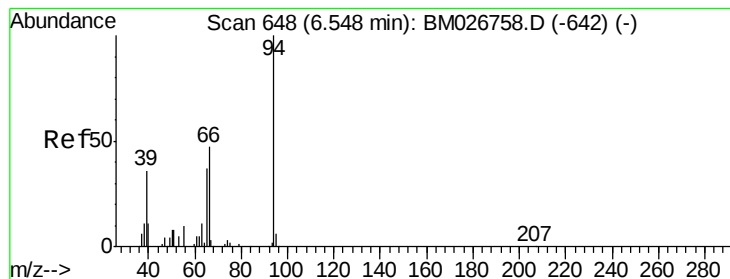
Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion:	77	Resp:	8909
Ion	Ratio	Lower	Upper
77	100		
105	78.5	67.5	101.3
106	78.7	66.2	99.4





#6

Phenol

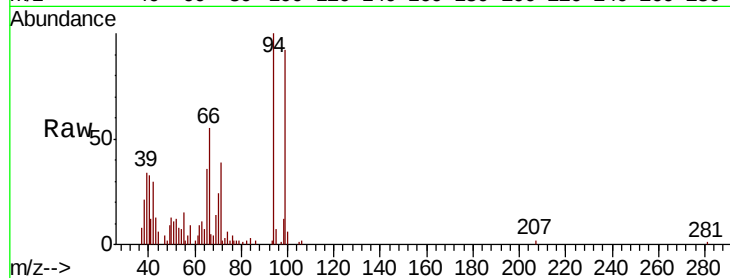
Concen: 3.552 ng/ul
 RT: 6.54 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampled :
 MDL-WATER-05

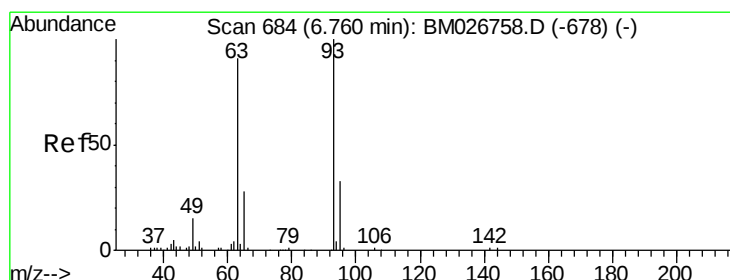
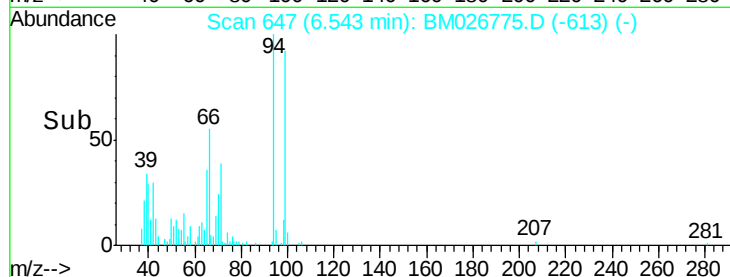
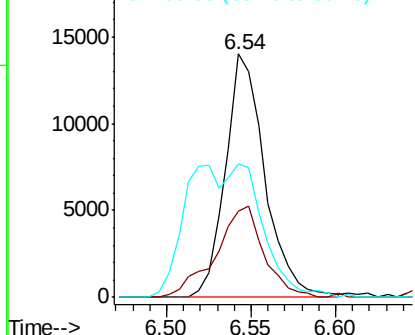
Tot Ion	Ratio	Lower	Upper
94	100		
65	35.6	27.8	41.8
66	54.6	39.9	59.9

Manual Integrations
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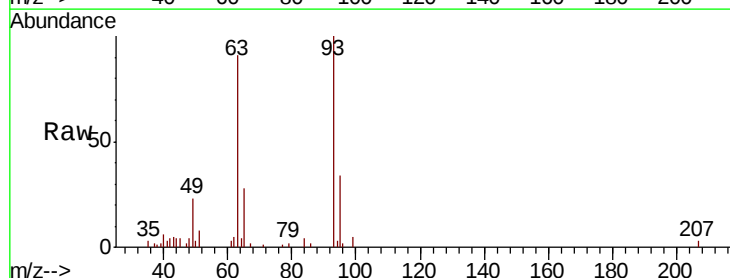
Abundance Ion 94.00 (93.70 to 94.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 66.00 (65.70 to 66.70): BM0



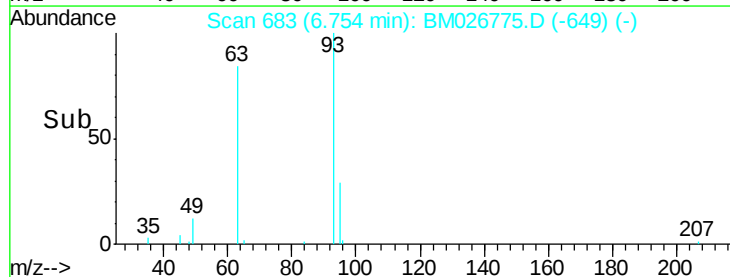
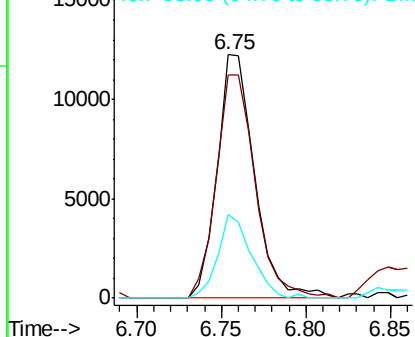
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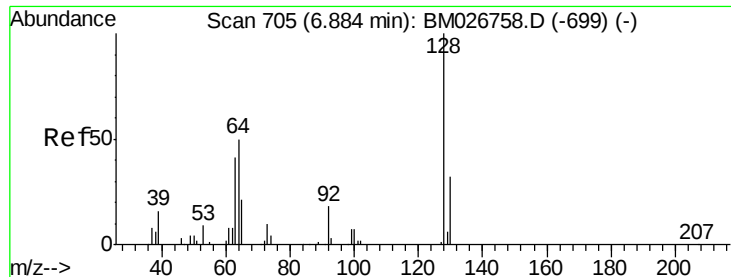
Bis(2-Chloroethyl)ether
 Concen: 3.866 ng/ul
 RT: 6.75 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.4	75.5	113.3
95	34.1	25.2	37.8



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0





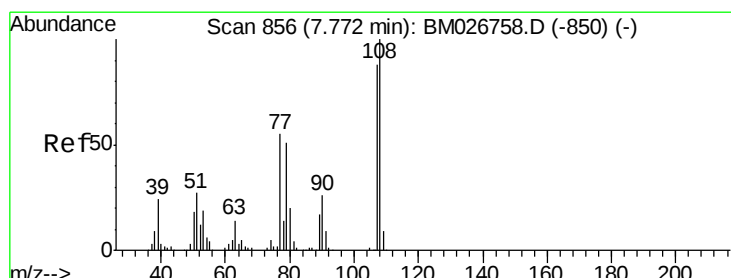
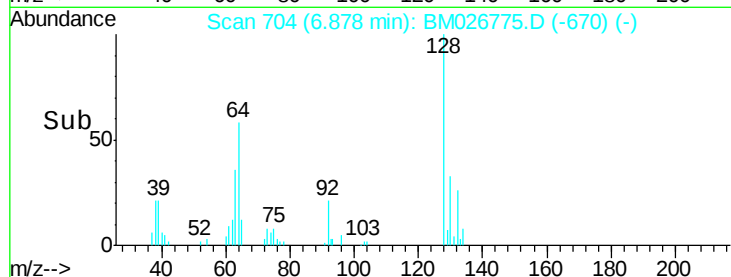
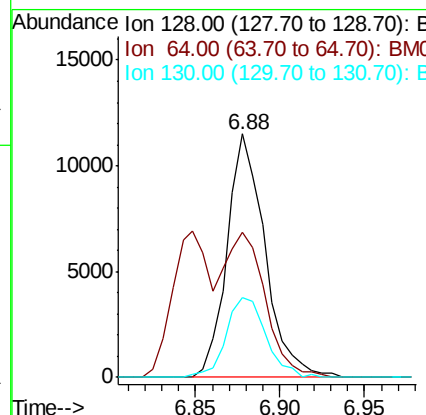
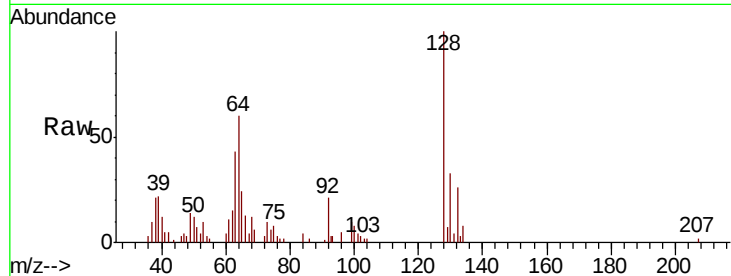
#10
2-Chlorophenol
Concen: 3.631 ng/ul
RT: 6.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
128	100		
64	59.8	47.4	71.2
130	32.6	25.8	38.6

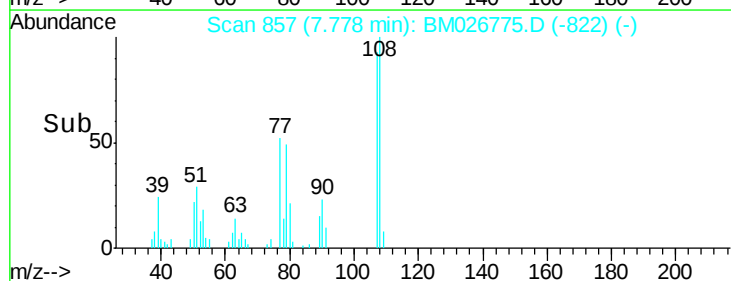
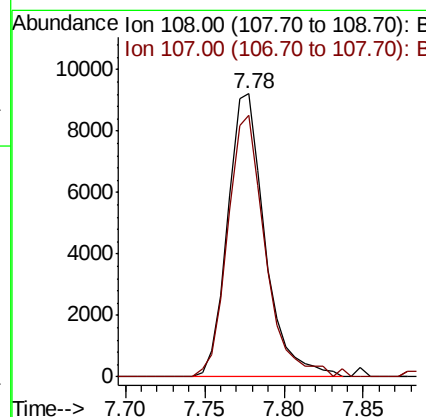
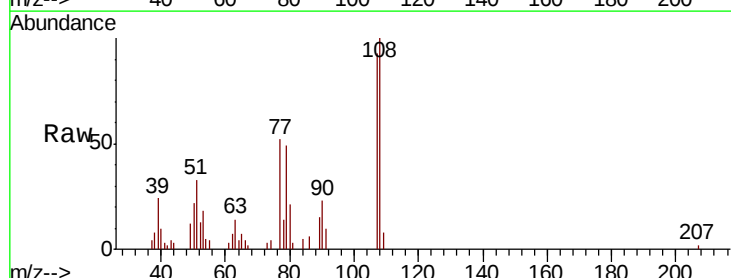
Manual Integrations
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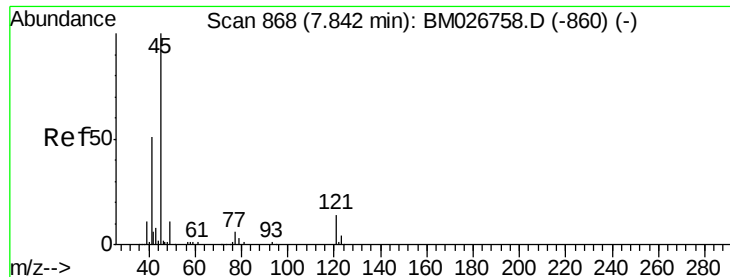
mohammad
7/16/2020 11:05:35 AM



#11
2-Methylphenol
Concen: 3.287 ng/ul
RT: 7.78 min Scan# 857
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.5	74.2	111.2





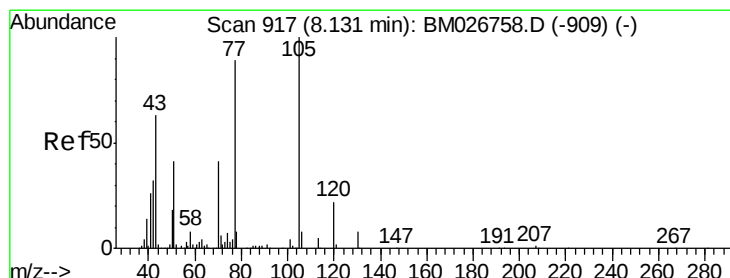
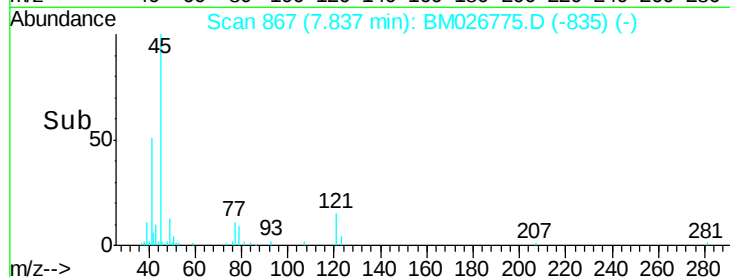
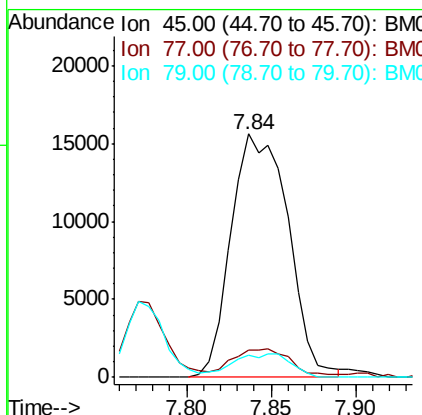
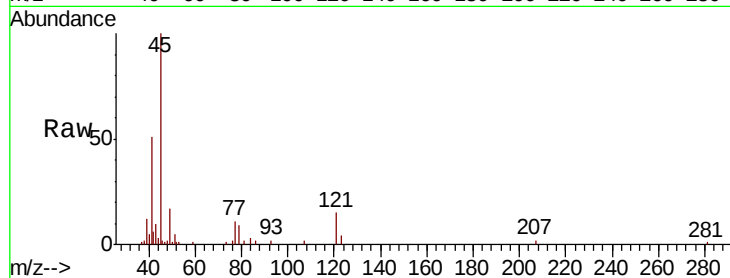
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.872 ng/ul
RT: 7.84 min Scan# 867
Delta R.T. -0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Resp	Lower	Upper
45	100	36678		
77	11.3		8.8	13.2
79	8.9		7.0	10.6

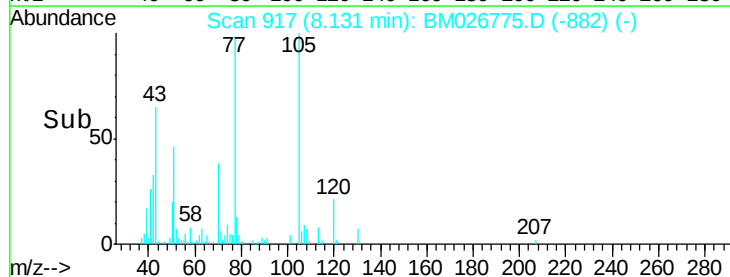
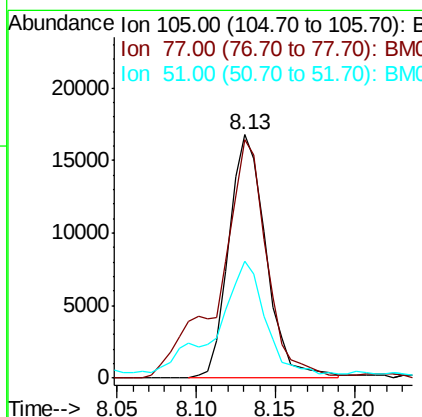
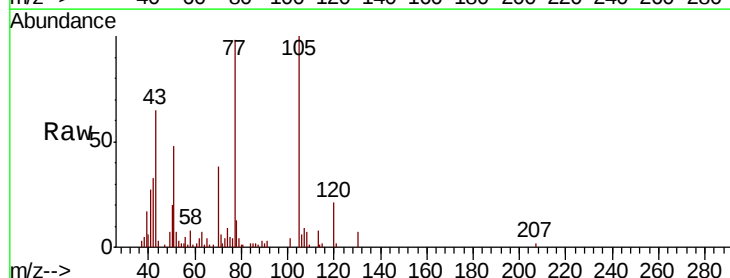
Manual Integrations
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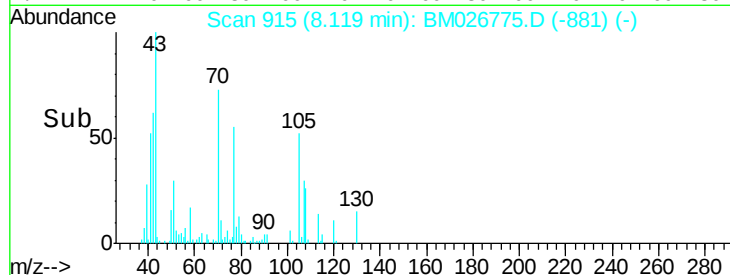
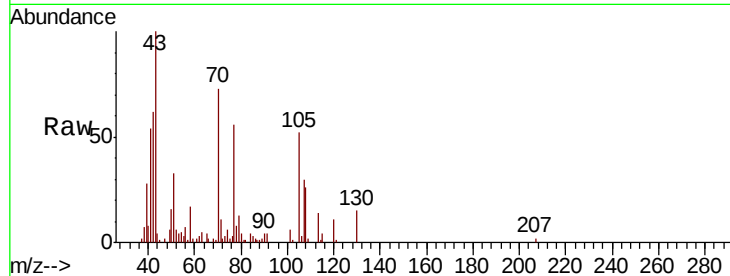
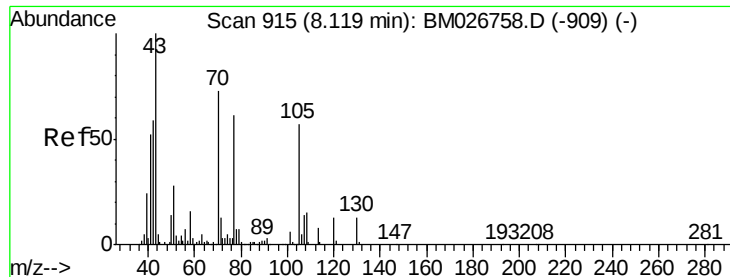
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#14
Acetophenone
Concen: 3.460 ng/ul
RT: 8.13 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	27346		
77	98.0		69.8	104.6
51	48.1		30.5	45.7#





#15

N-Nitroso-di-n-propylamine

Concen: 3.407 ng/ul

RT: 8.12 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tot Ion:	70	Resp:	15907
Ion Ratio	Lower	Upper	
70	100		
42	85.9	58.5	87.7
101	8.4	7.0	10.4
130	20.9	13.2	19.8#

Instrument :

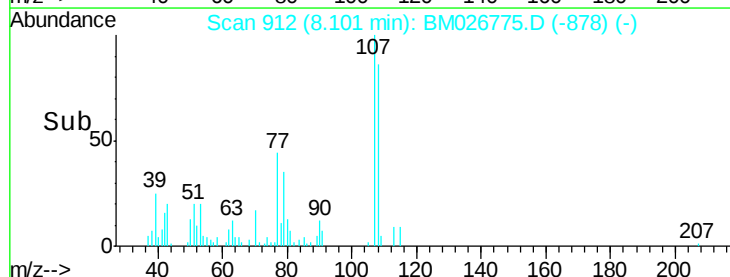
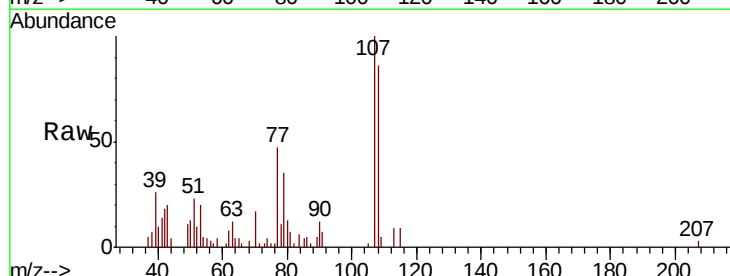
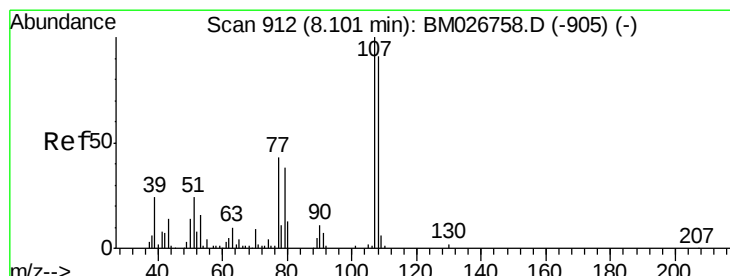
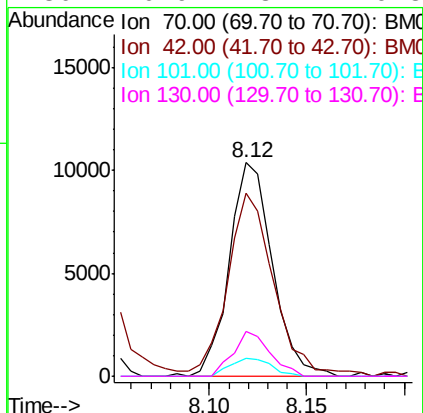
BNA_M

ClientSampleId :

MDL-WATER-05

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#16

4-Methylphenol

Concen: 3.413 ng/ul

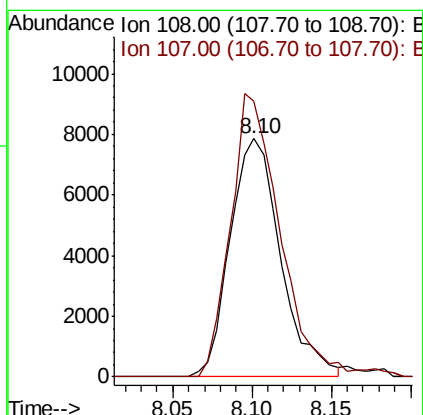
RT: 8.10 min Scan# 912

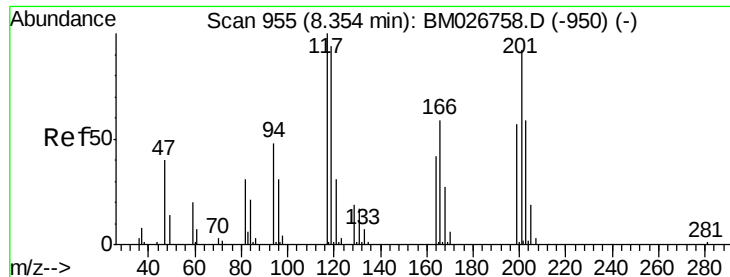
Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion:	108	Resp:	17384
Ion Ratio	Lower	Upper	
108	100		
107	115.7	87.4	131.2





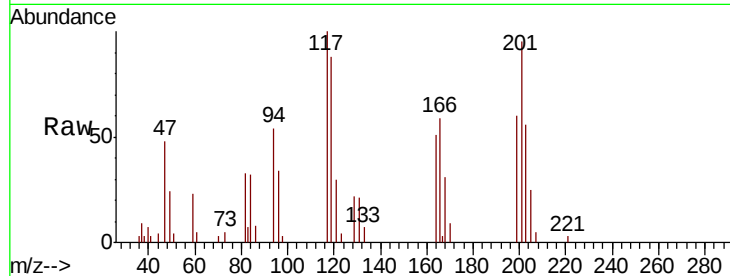
#17
Hexachloroethane
Concen: 3.760 ng/ul
RT: 8.35 min Scan# 955
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
117	100		
201	95.0	77.0	115.6
199	59.5	51.1	76.7

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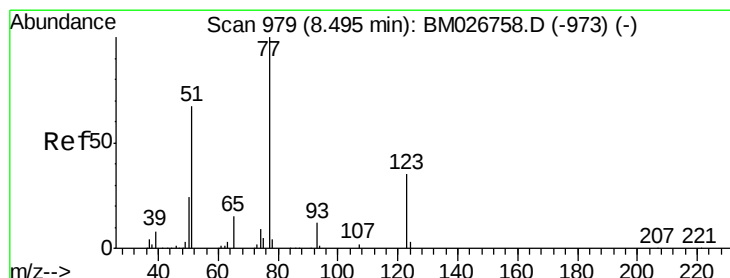
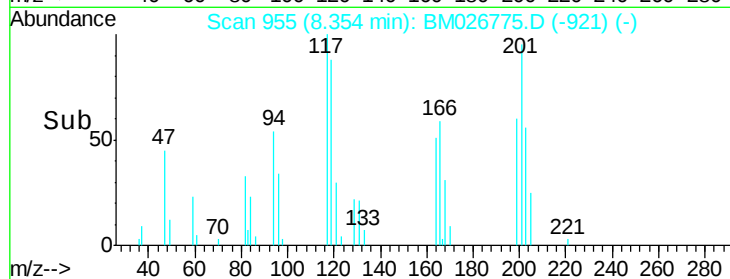
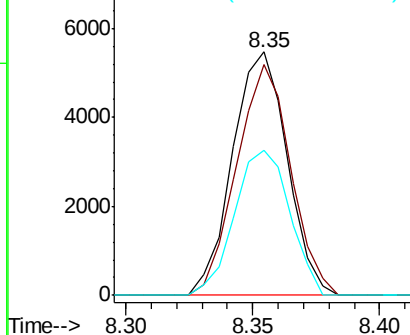


Abundance

Ion 117.00 (116.70 to 117.70): E

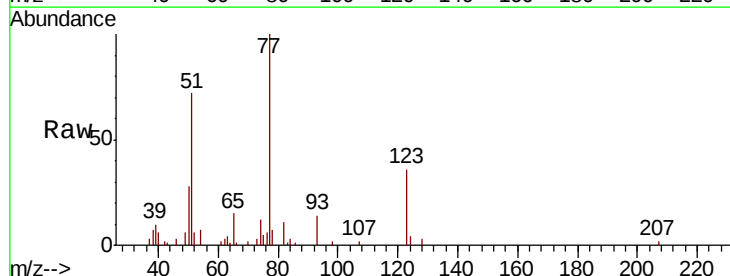
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20
Nitrobenzene
Concen: 3.903 ng/ul
RT: 8.50 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.2	29.8	44.8
65	14.8	11.8	17.6

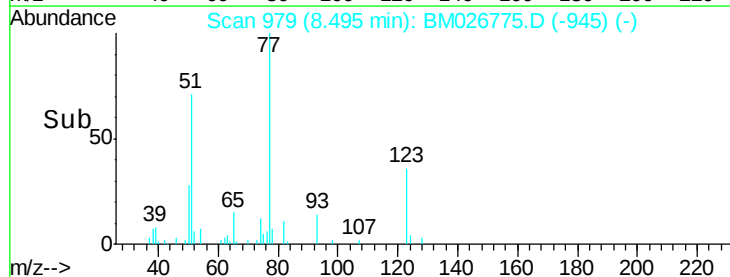
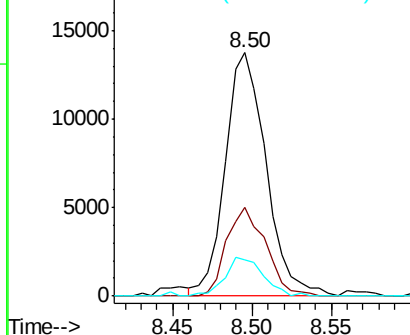


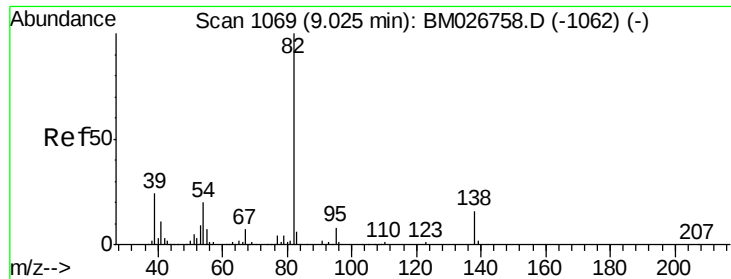
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.679 ng/ul

RT: 9.02 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

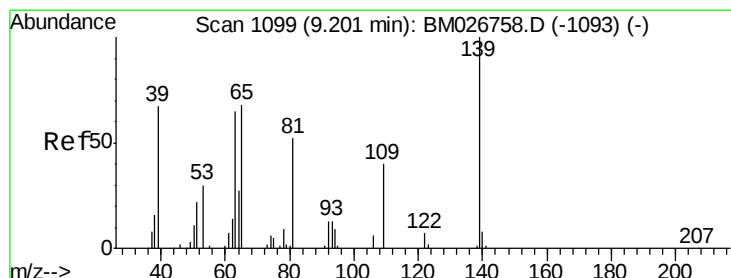
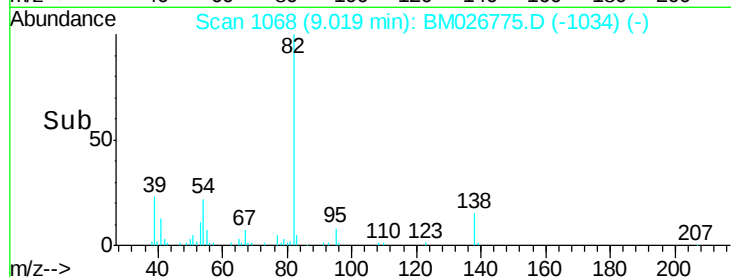
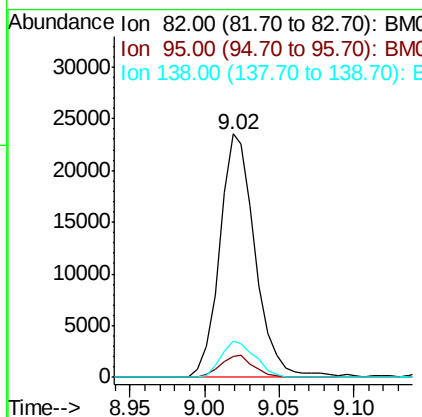
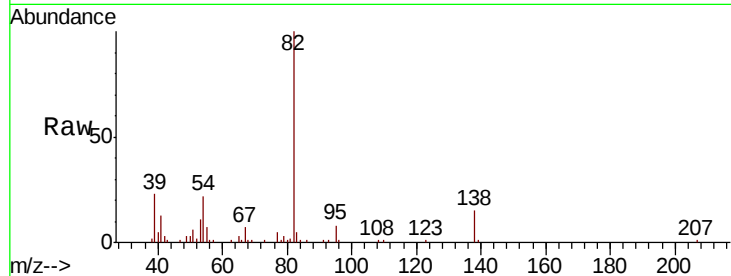
ClientSampleId :

MDL-WATER-05

Tot Ion:	82	Resp:	39006
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.4	9.6
138	14.7	12.2	18.4

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#23

2-Nitrophenol

Concen: 4.085 ng/ul

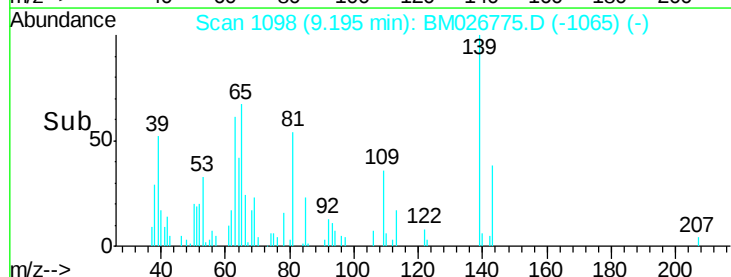
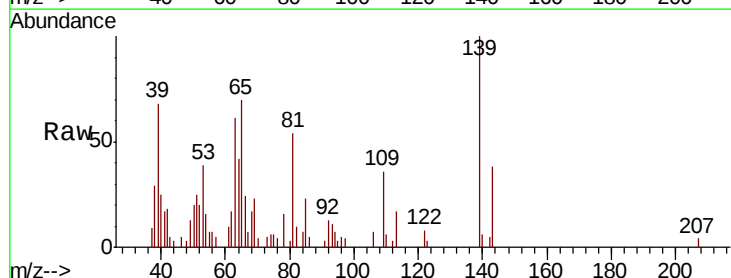
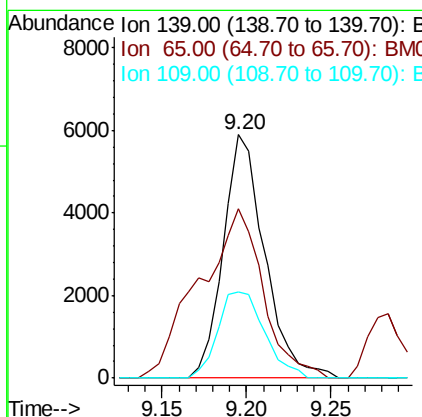
RT: 9.20 min Scan# 1098

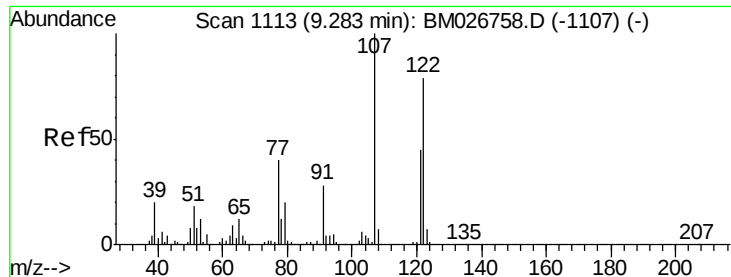
Delta R.T. -0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion:	139	Resp:	10078
Ion Ratio	Lower	Upper	
139	100		
65	69.8	55.0	82.6
109	35.6	31.4	47.2





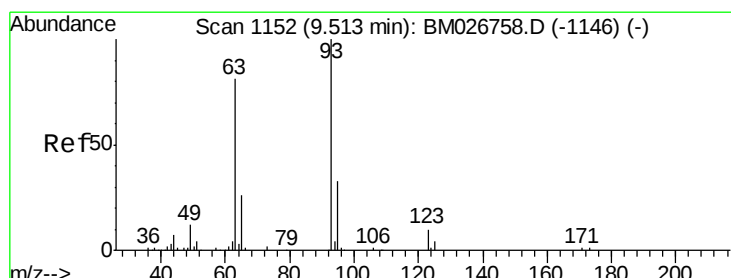
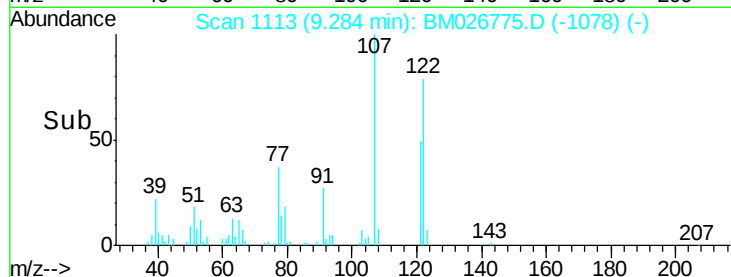
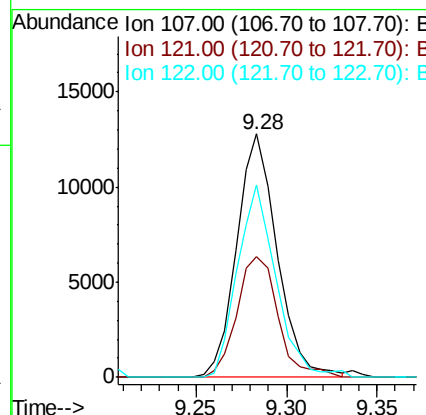
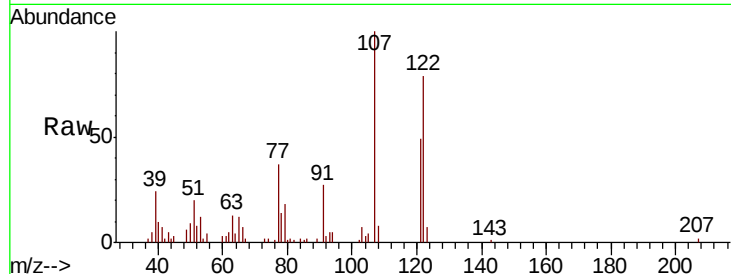
#24
 2,4-Dimethylphenol
 Concen: 3.490 ng/ul
 RT: 9.28 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampled :
 MDL-WATER-05

Tot Ion	Ratio	Resp	Lower	Upper
107	100	19831		
121	49.4		38.1	57.1
122	79.1		62.7	94.1

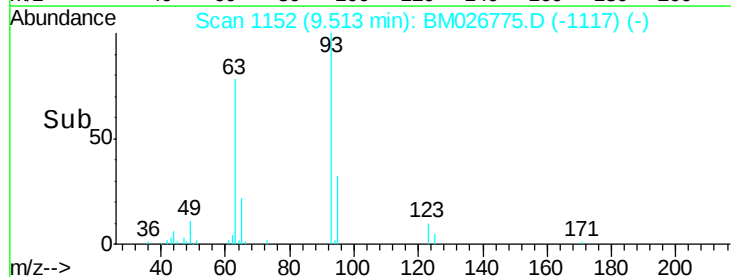
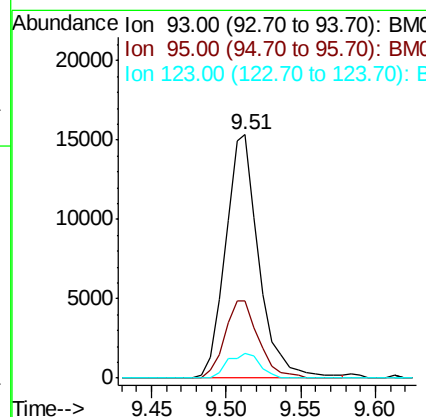
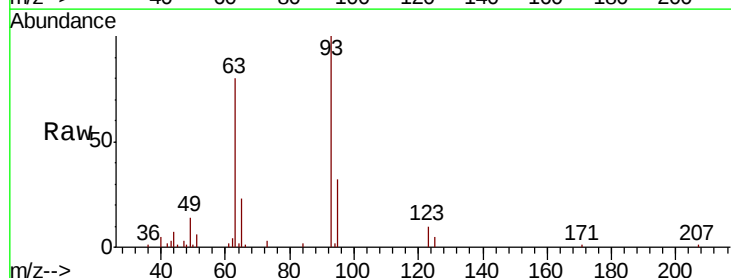
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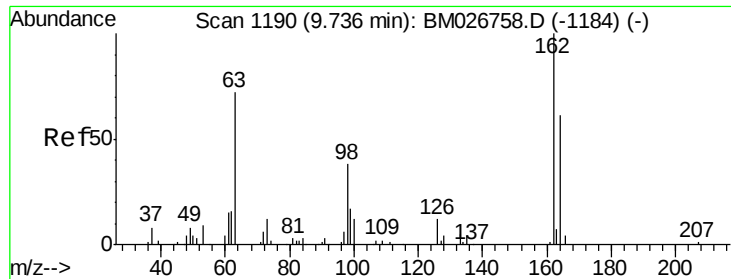
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.816 ng/ul
 RT: 9.51 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	24056		
95	31.6		24.4	36.6
123	10.0		8.0	12.0





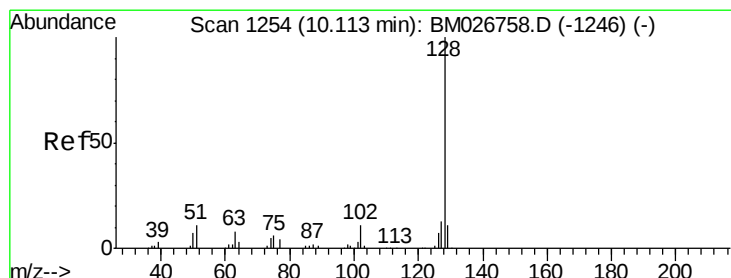
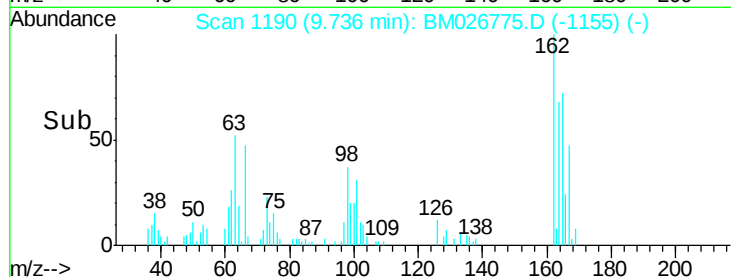
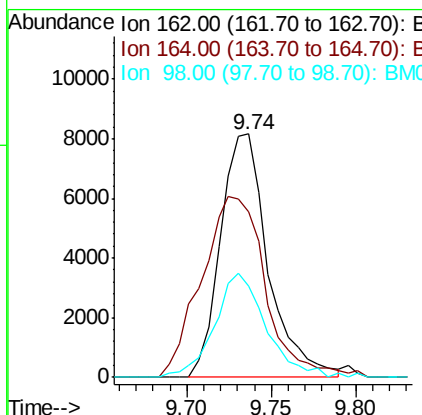
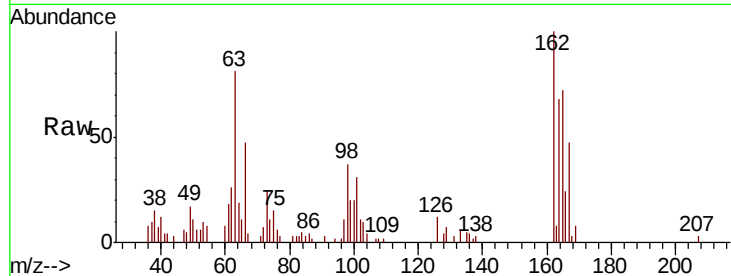
#27
2,4-Dichlorophenol
Concen: 3.722 ng/ul
RT: 9.74 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Resp	Lower	Upper
162	100	16059		
164	68.1	55.0	82.6	
98	37.4	31.9	47.9	

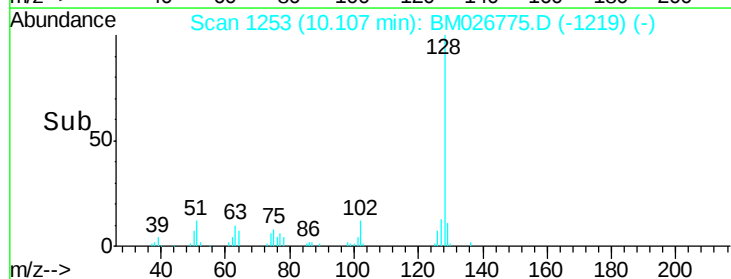
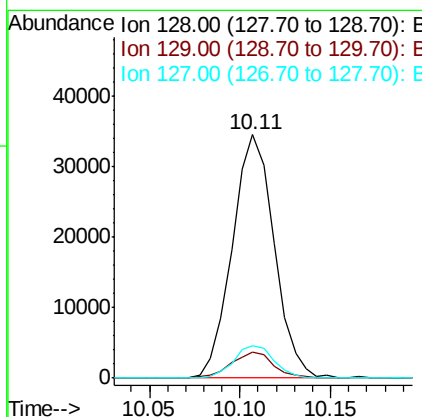
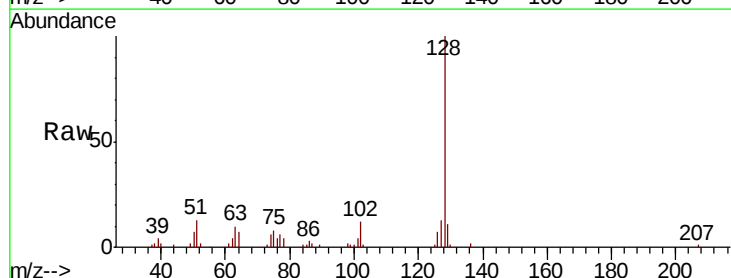
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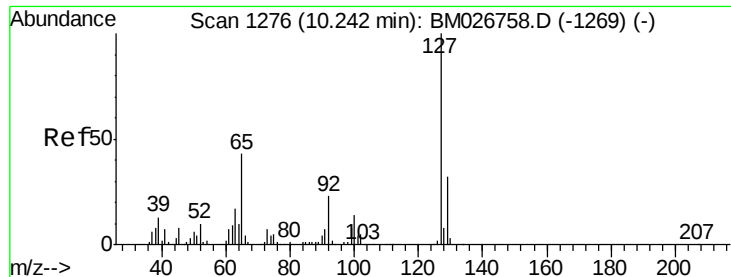
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#28
Naphthalene
Concen: 3.711 ng/ul
RT: 10.11 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	55539		
129	10.9	8.5	12.7	
127	13.3	10.6	15.8	





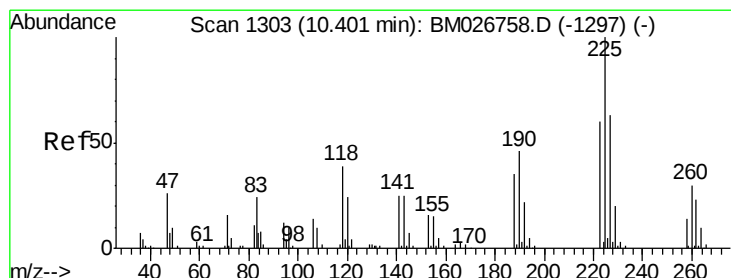
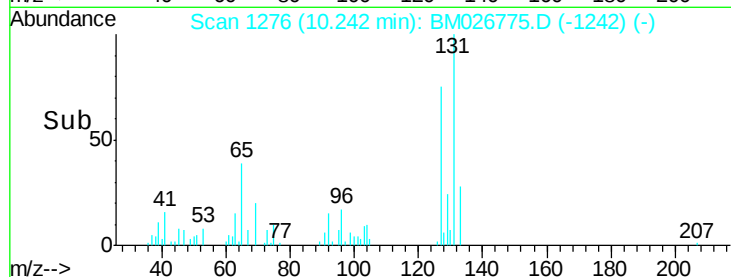
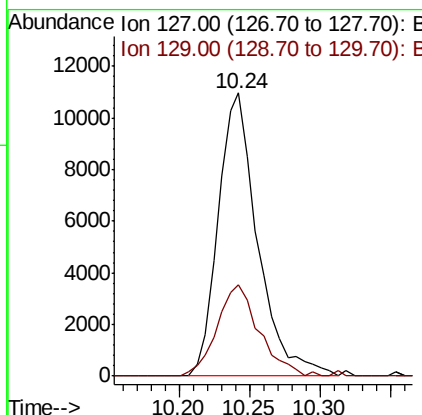
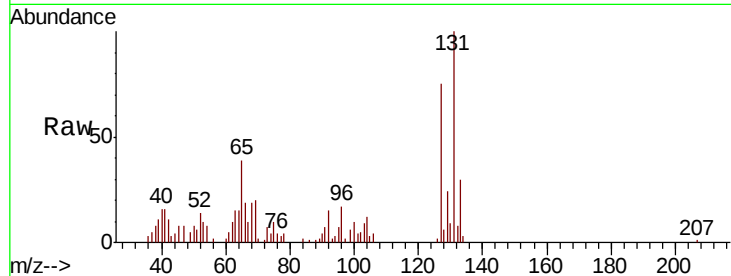
#30
4-Chloroaniline
Concen: 4.551 ng/ul
RT: 10.24 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9

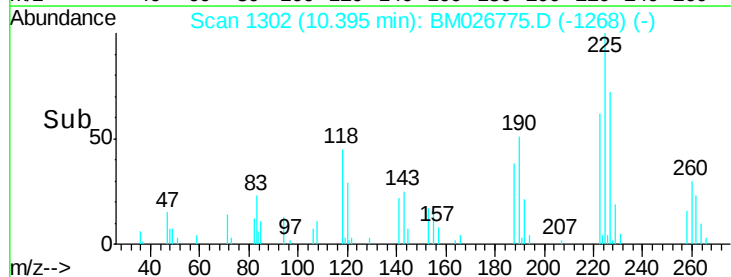
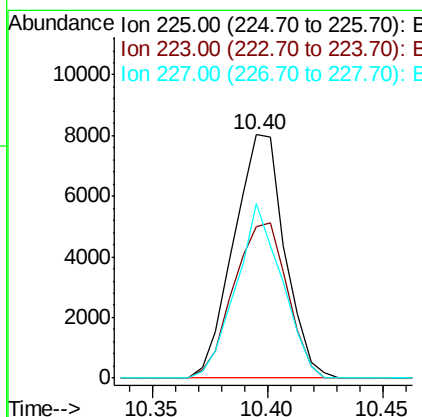
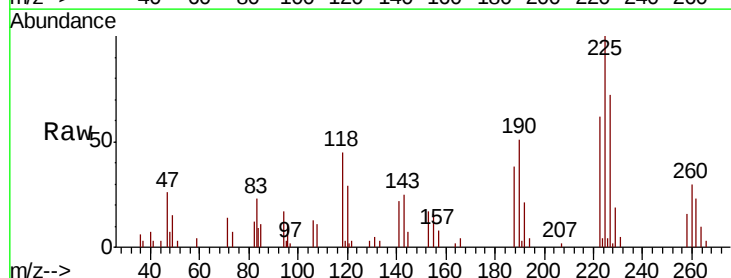
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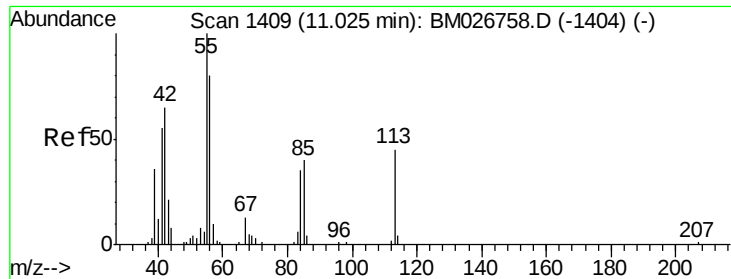
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#31
Hexachlorobutadiene
Concen: 3.956 ng/ul
RT: 10.40 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	71.9	50.4	75.6





#32

Caprolactam

Concen: 2.442 ng/ul

RT: 11.06 min Scan# 1415

Delta R.T. 0.04 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

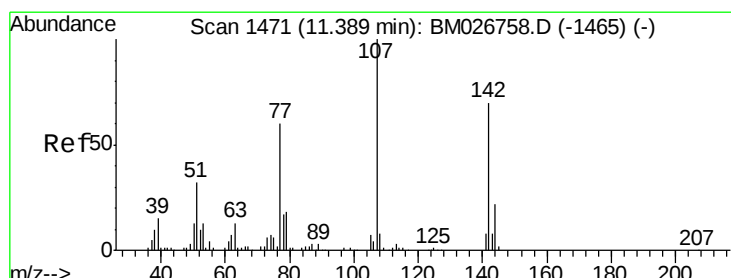
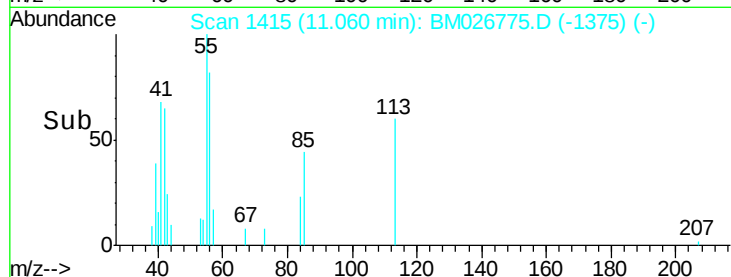
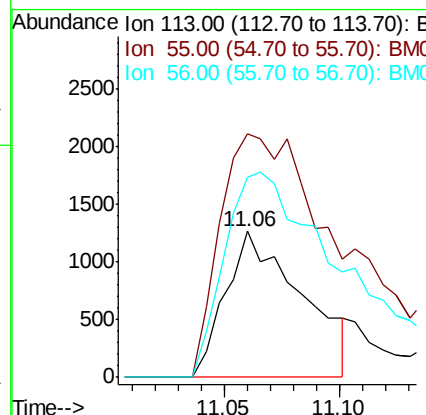
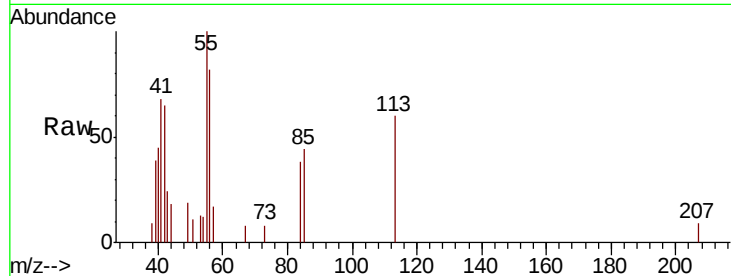
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
113	100		
55	166.7	179.9	269.9#
56	137.3	134.9	202.3

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#33

4-Chloro-3-methylphenol

Concen: 3.299 ng/ul

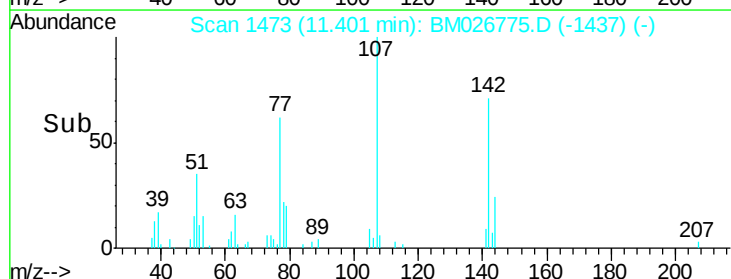
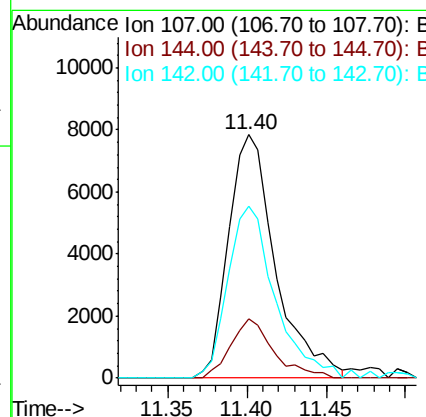
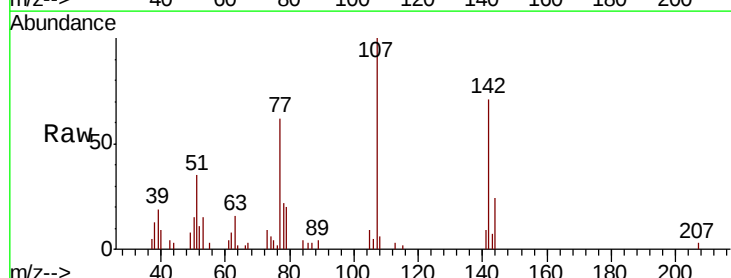
RT: 11.40 min Scan# 1473

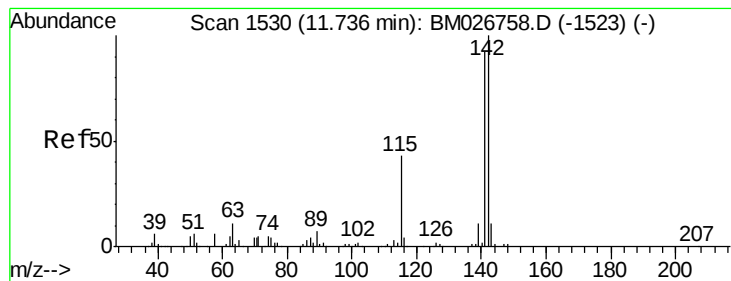
Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	17.9	26.9
142	70.5	57.0	85.6





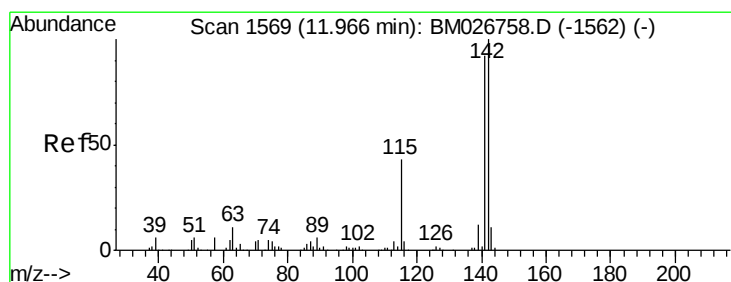
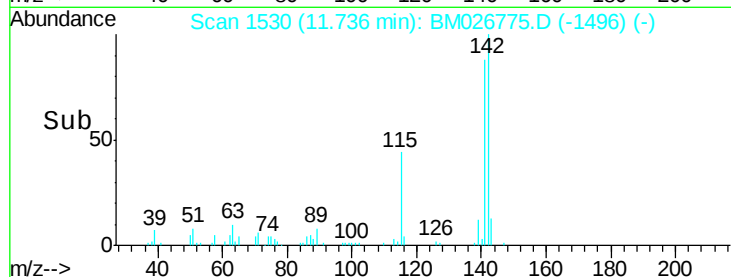
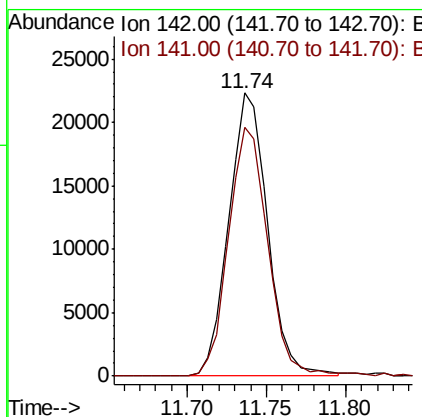
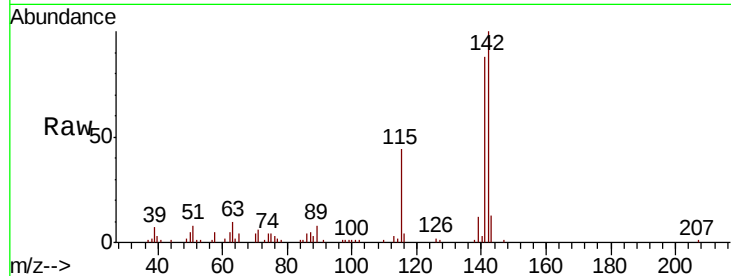
#34
2-Methylnaphthalene
Concen: 3.614 ng/ul
RT: 11.74 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.9	104.9

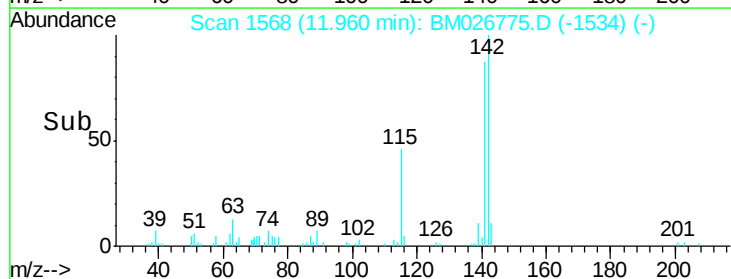
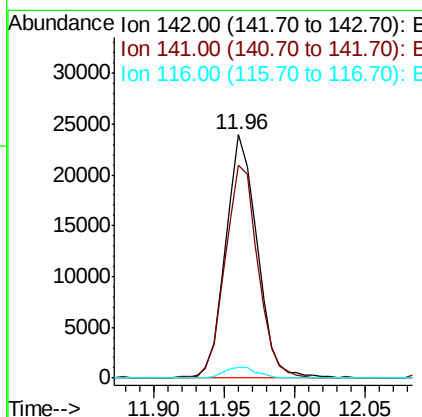
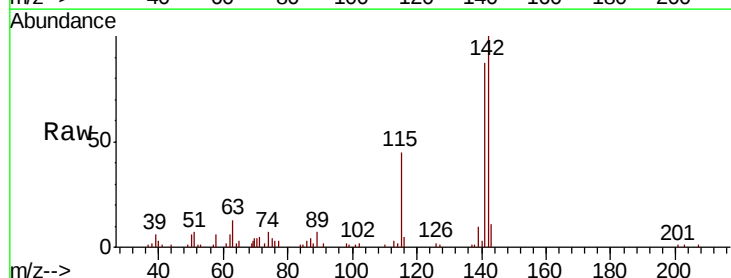
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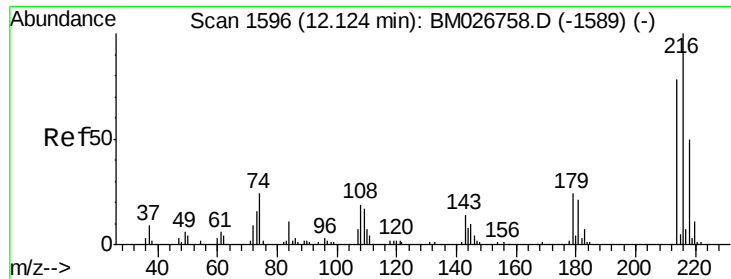
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#35
1-Methylnaphthalene
Concen: 3.833 ng/ul
RT: 11.96 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.7	109.1
116	4.5	3.7	5.5





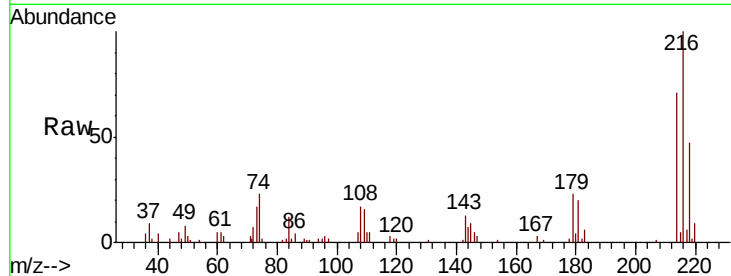
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.915 ng/ul
 RT: 12.12 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

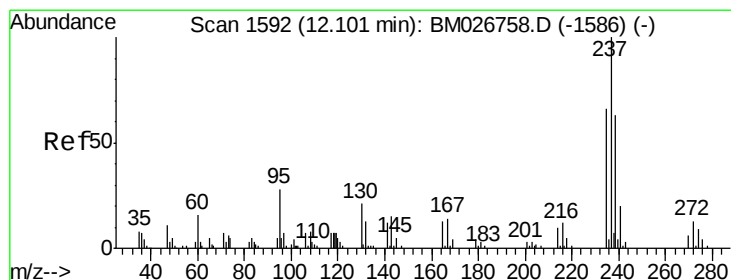
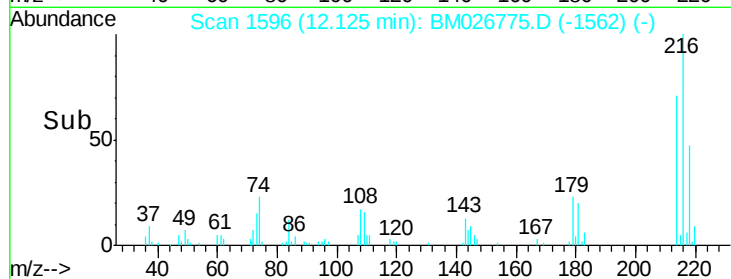
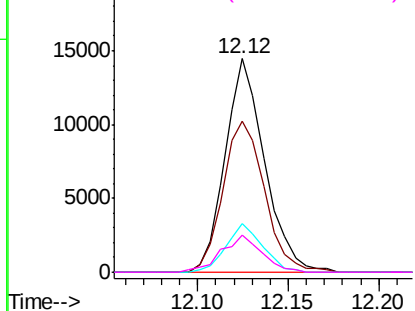
Tot Ion:	216	Resp:	21968
Ion Ratio	Lower	Upper	
216	100		
214	70.6	61.5	92.3
179	22.5	17.4	26.2
108	17.5	15.0	22.6

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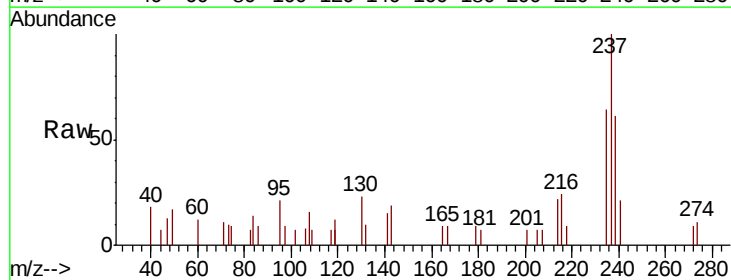


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

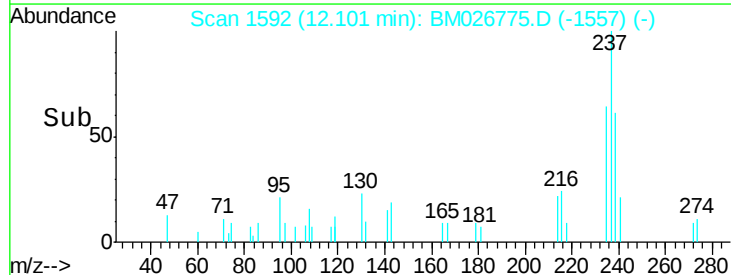
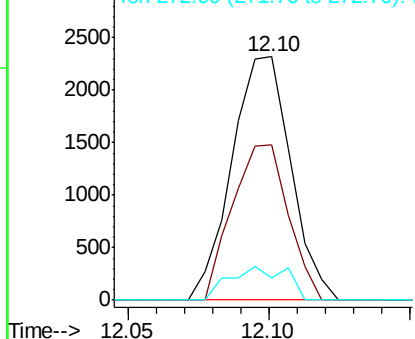


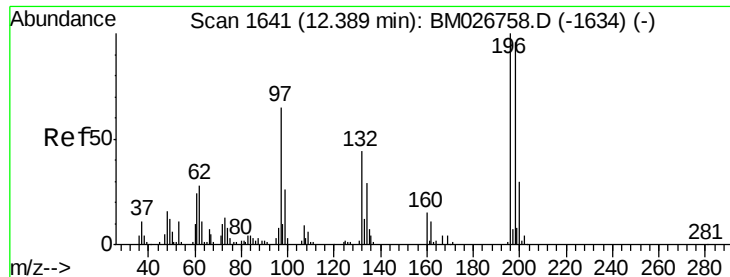
#38
 Hexachlorocyclopentadiene
 Concen: 1.178 ng/ul
 RT: 12.10 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion:	237	Resp:	3372
Ion Ratio	Lower	Upper	
237	100		
235	63.8	50.2	75.4
272	9.0	10.1	15.1#



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E





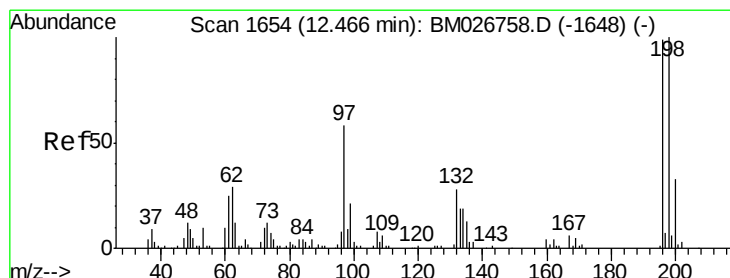
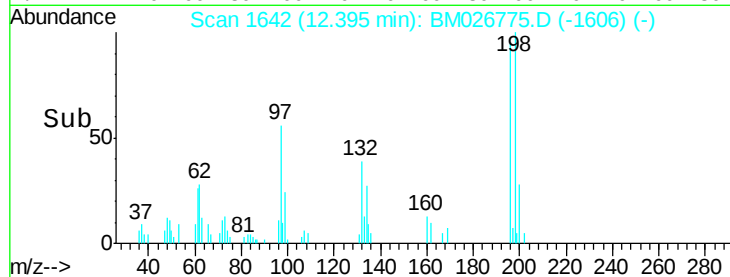
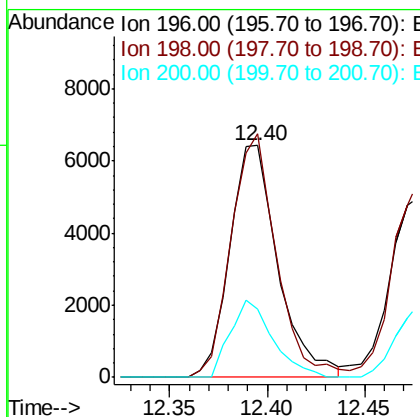
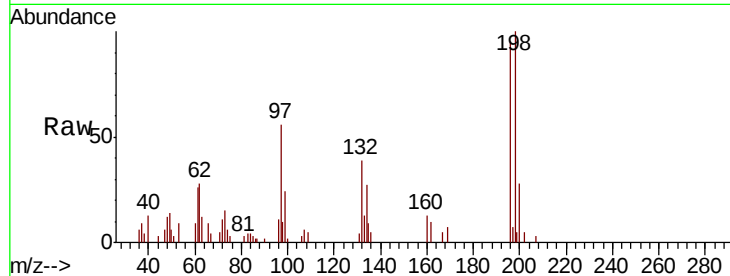
#39
 2,4,6-Trichlorophenol
 Concen: 3.332 ng/ul
 RT: 12.40 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
196	100		
198	110.2	79.8	119.6
200	29.3	25.2	37.8

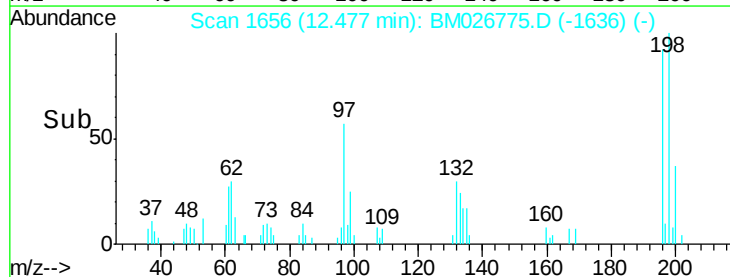
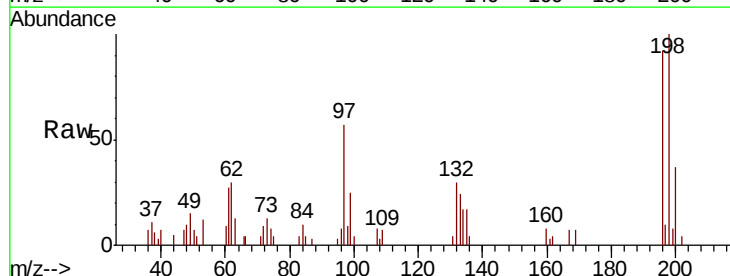
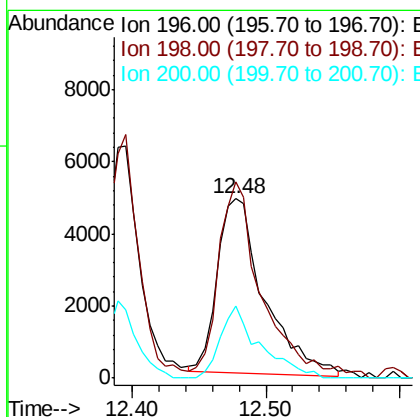
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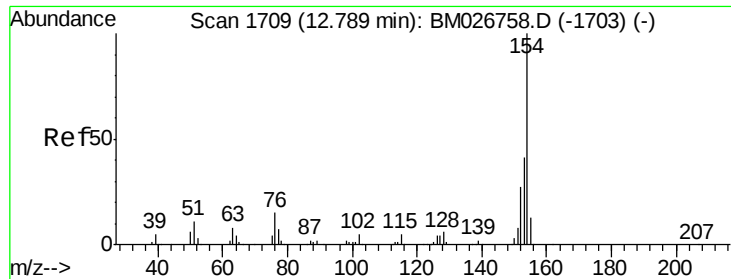
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 3.288 ng/ul
 RT: 12.48 min Scan# 1656
 Delta R.T. 0.02 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	109.2	72.4	108.6#
200	39.9	23.8	35.8#





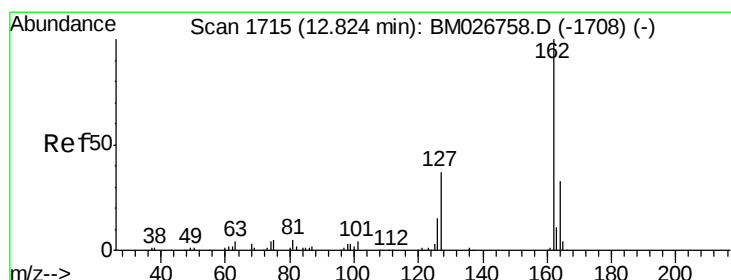
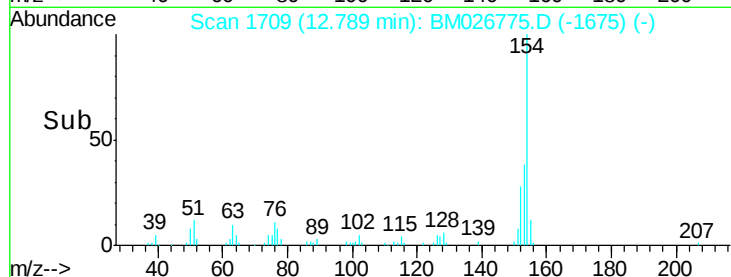
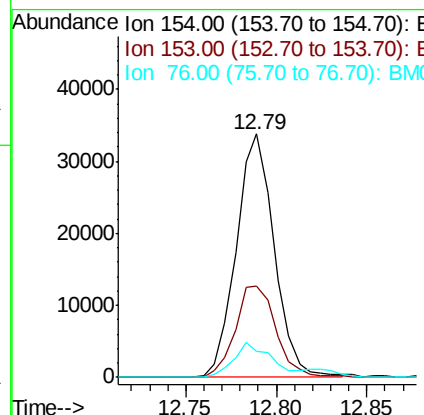
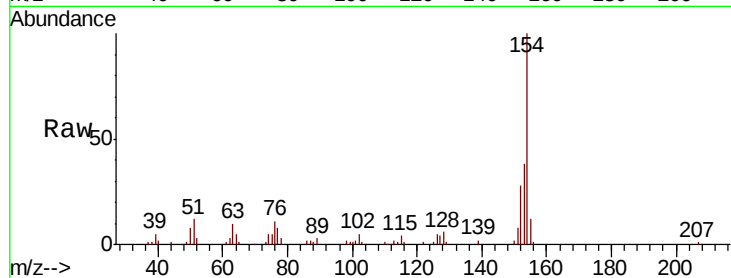
#41
 1,1'-Biphenyl
 Concen: 3.692 ng/ul
 RT: 12.79 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Tot Ion:	154	Resp:	49333
Ion Ratio	Lower	Upper	
154	100		
153	37.7	32.9	49.3
76	10.7	11.7	17.5#

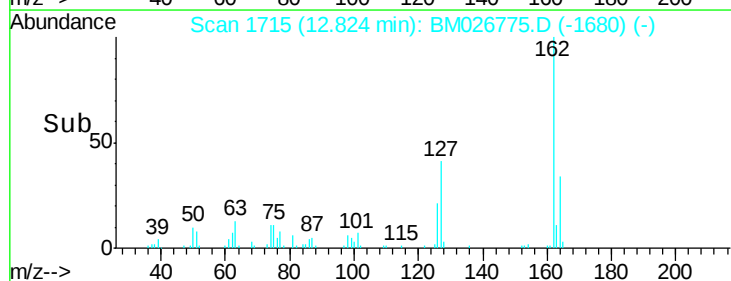
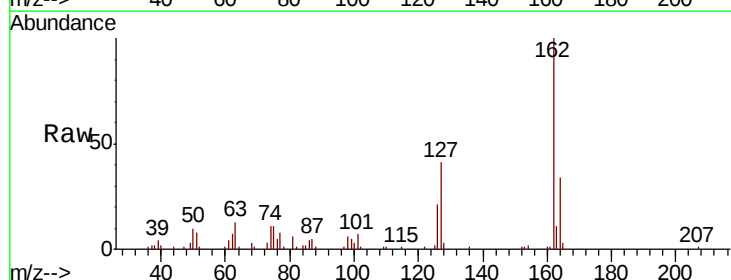
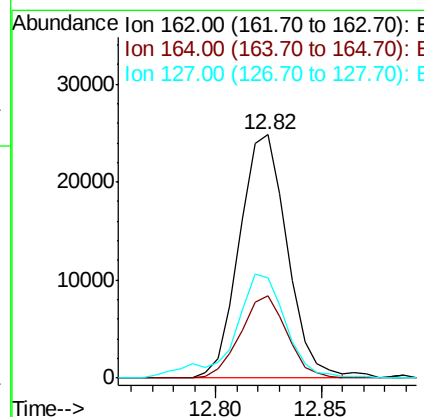
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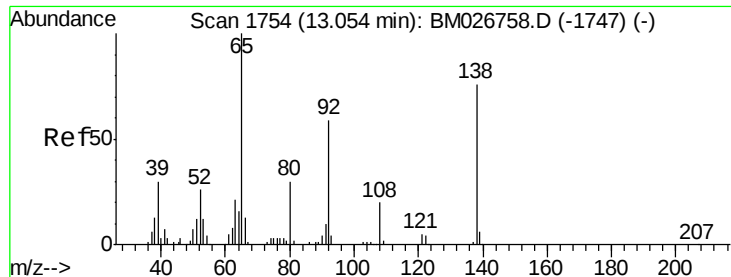
mohammad
 7/16/2020 11:05:35 AM



#42
 2-Chloronaphthalene
 Concen: 3.704 ng/ul
 RT: 12.82 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion:	162	Resp:	38954
Ion Ratio	Lower	Upper	
162	100		
164	33.9	26.9	40.3
127	41.2	33.6	50.4





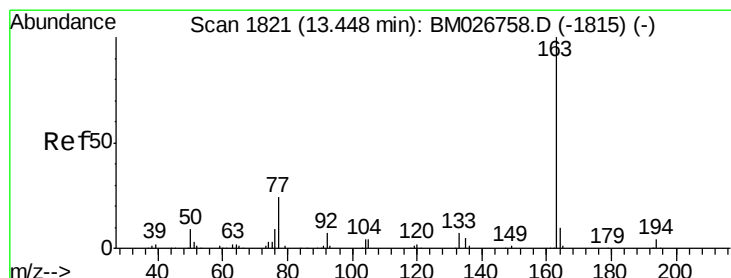
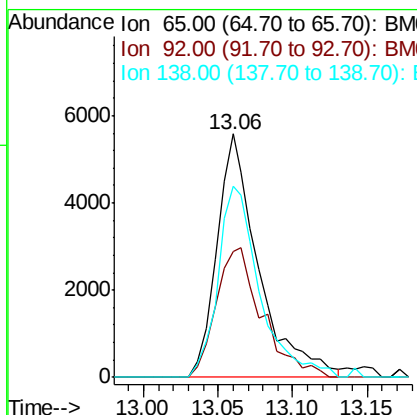
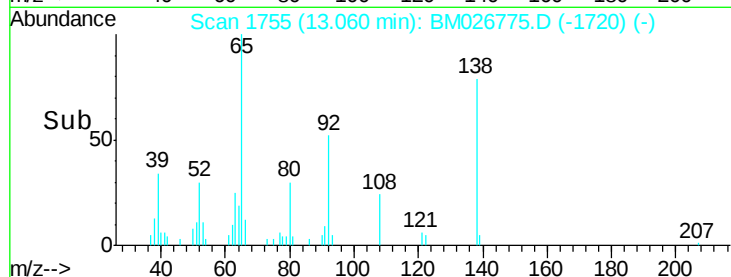
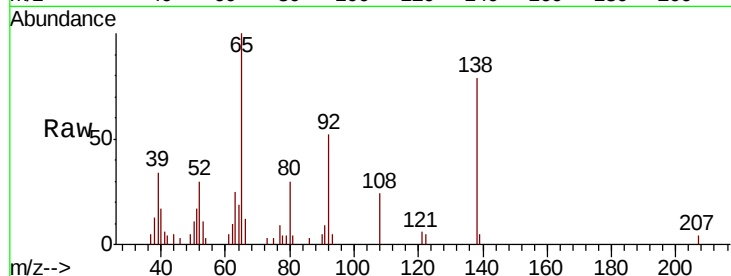
#43
2-Nitroaniline
Concen: 3.068 ng/ul
RT: 13.06 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
65	100		
92	51.9	48.4	72.6
138	78.7	65.3	97.9

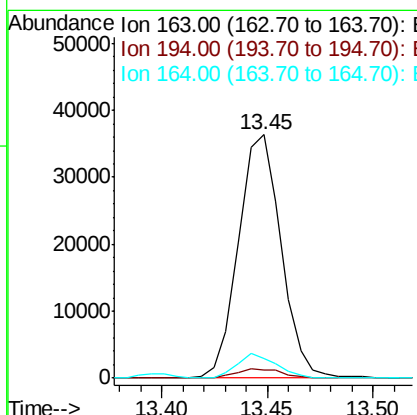
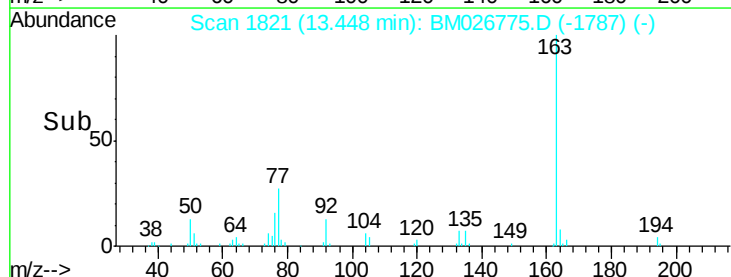
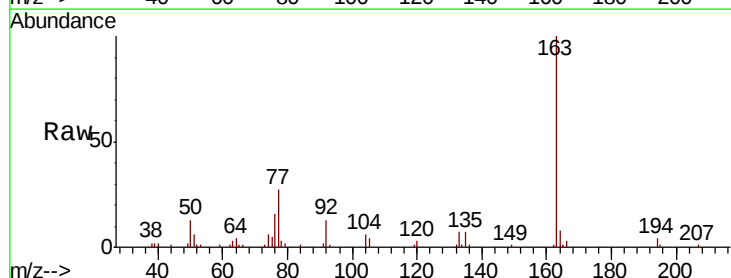
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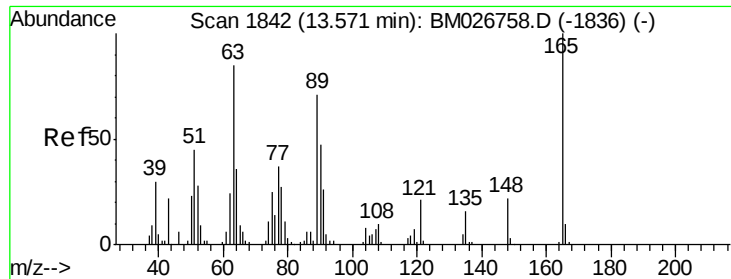
mohammad
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#45
Dimethylphthalate
Concen: 3.953 ng/ul
RT: 13.45 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	8.1	7.8	11.6





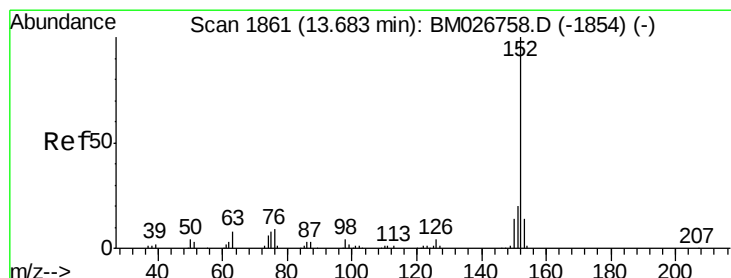
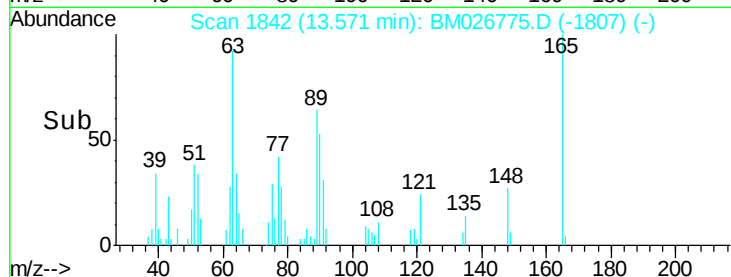
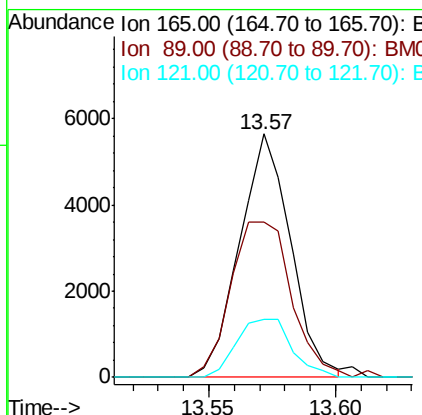
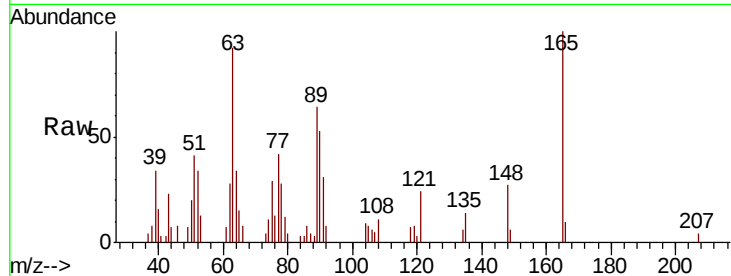
#46
2,6-Dinitrotoluene
Concen: 3.183 ng/ul
RT: 13.57 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
165	100		
89	63.6	54.2	81.4
121	23.7	18.2	27.4

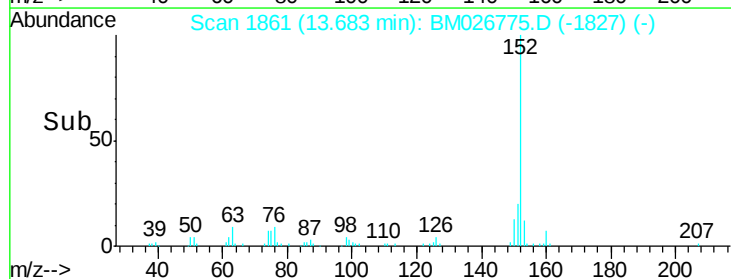
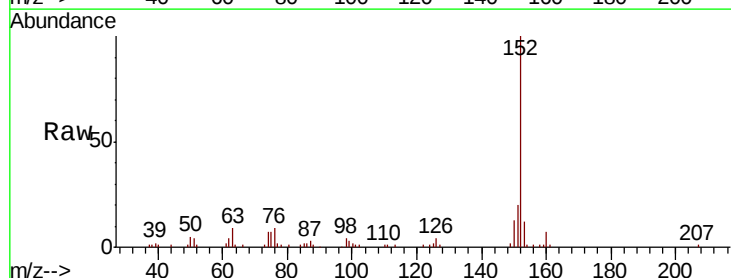
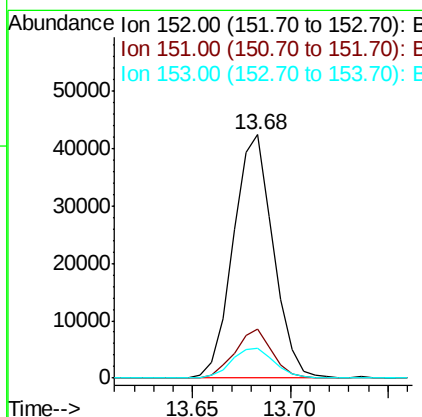
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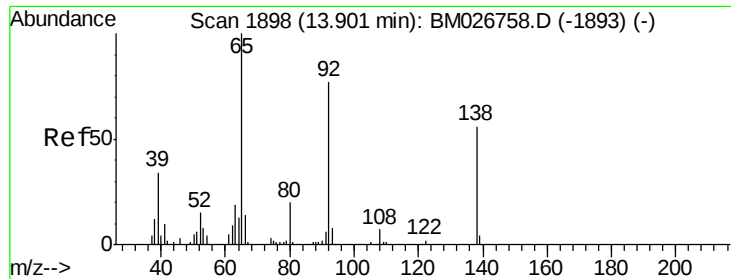
mohammad
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#48
Acenaphthylene
Concen: 3.763 ng/ul
RT: 13.68 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.0	22.6
153	12.3	10.6	16.0





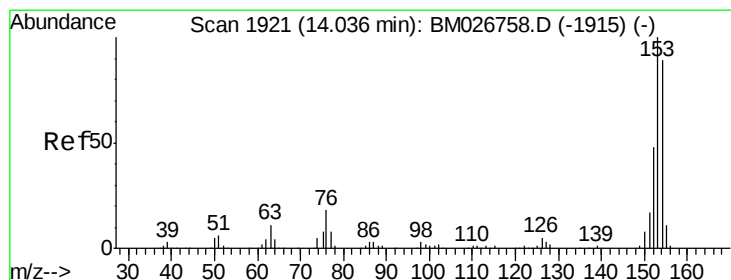
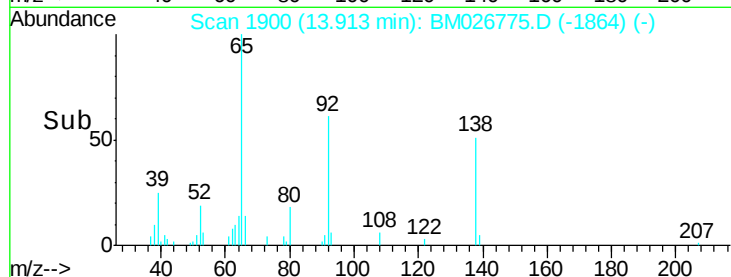
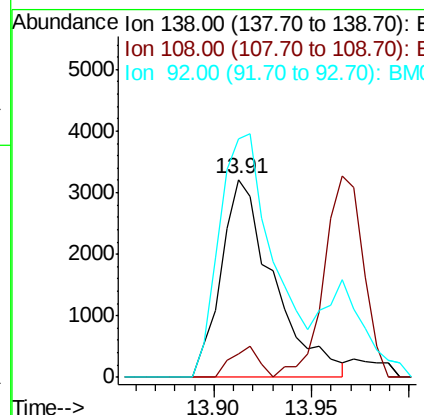
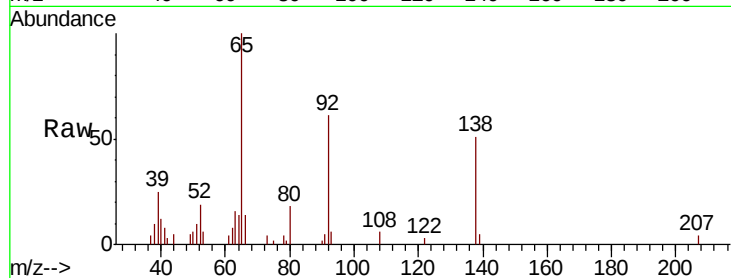
#49
3-Nitroaniline
Concen: 2.901 ng/ul
RT: 13.91 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.6	16.0
92	120.4	108.6	162.8

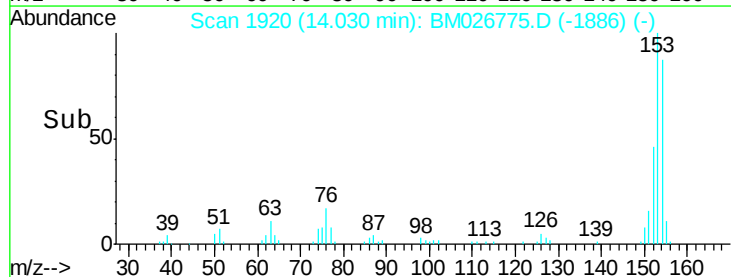
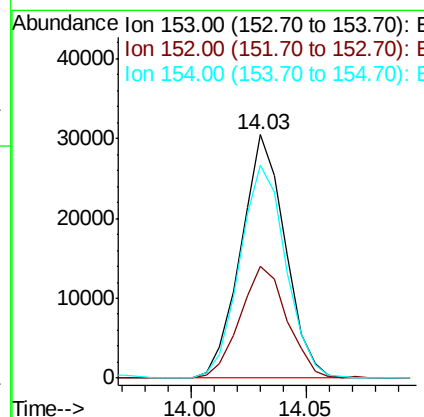
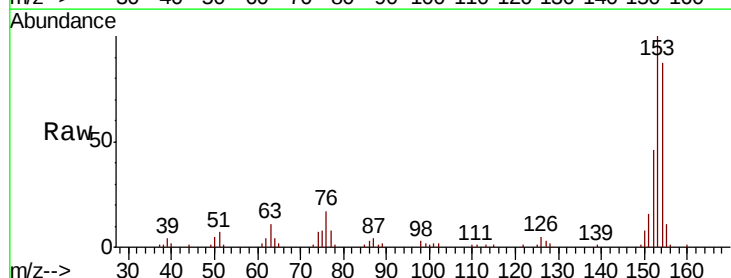
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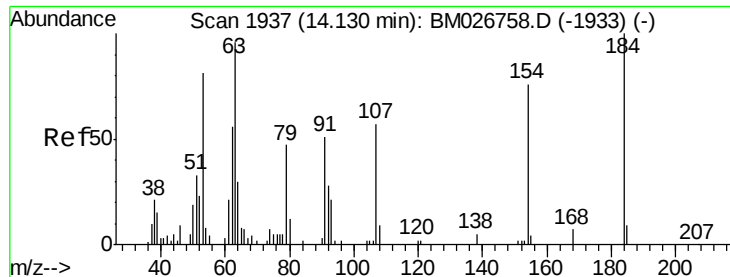
mohammad
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#50
Acenaphthene
Concen: 3.635 ng/ul
RT: 14.03 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.7	56.5
154	87.4	71.3	106.9





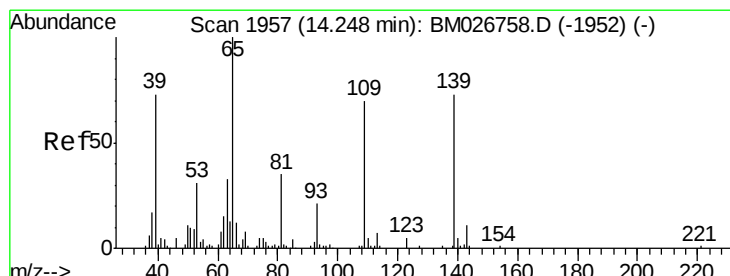
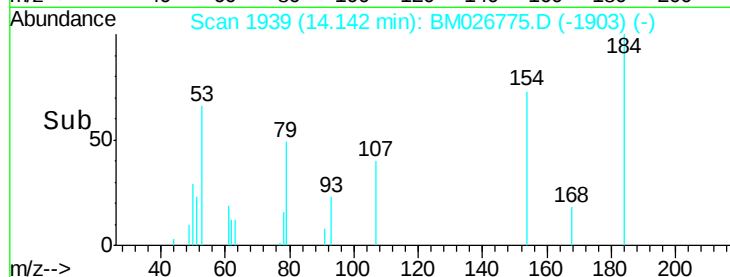
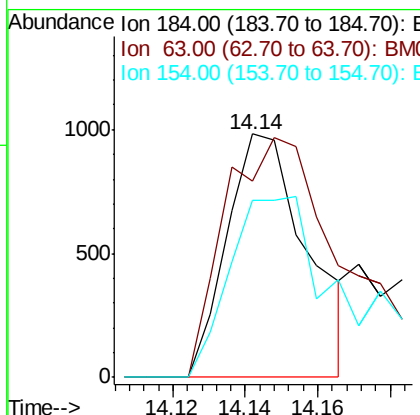
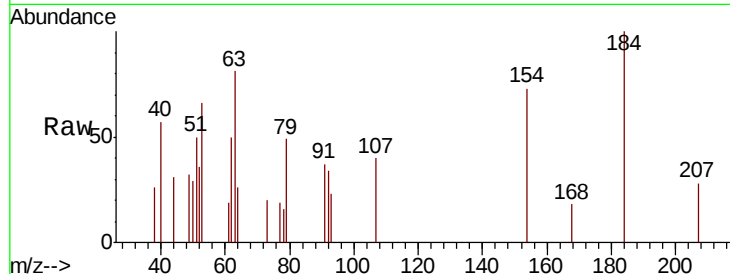
#51
2,4-Dinitrophenol
Concen: 1.168 ng/ul
RT: 14.14 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.7	74.6	111.8
154	72.8	58.8	88.2

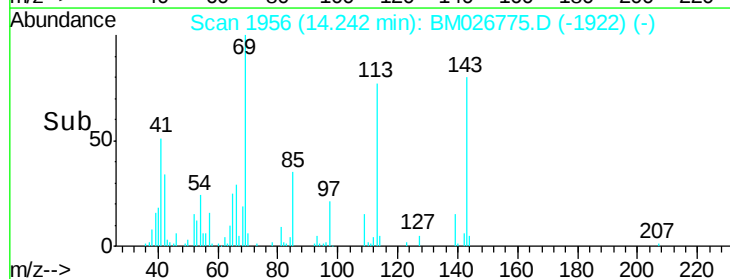
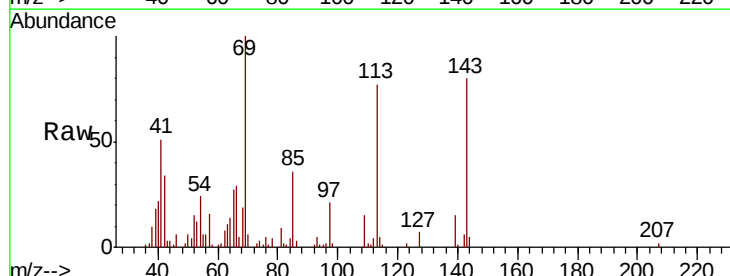
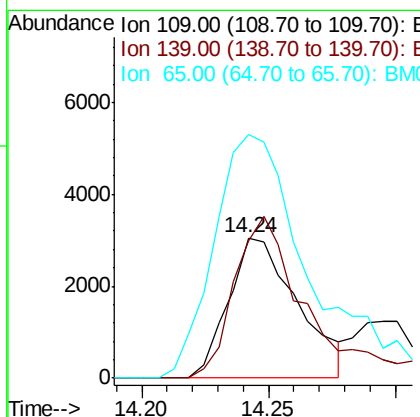
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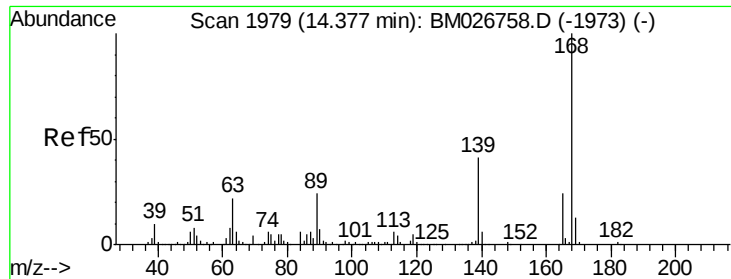
mohammad
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#53
4-Nitrophenol
Concen: 3.175 ng/ul
RT: 14.24 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
109	100		
139	97.7	87.5	131.3
65	173.3	119.4	179.2





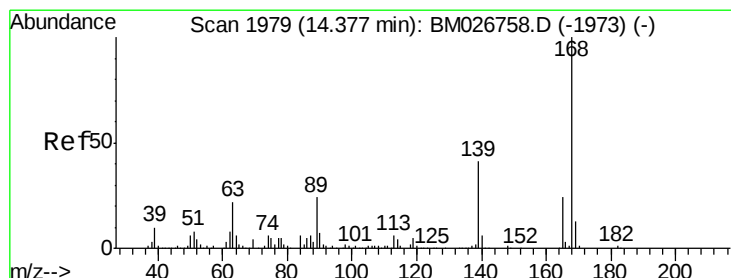
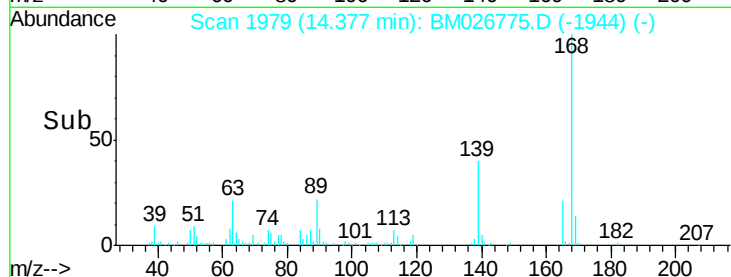
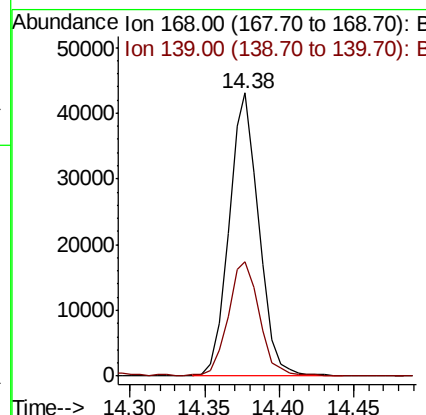
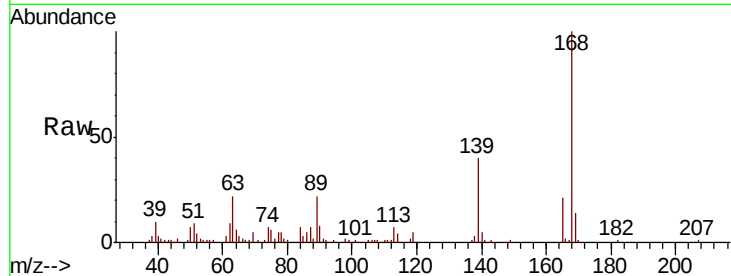
#54
Dibenzo(f,h)quinoxaline
Concen: 3.780 ng/ul
RT: 14.38 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleID :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.1	46.7

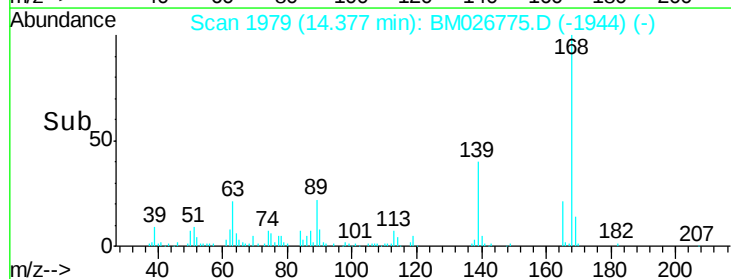
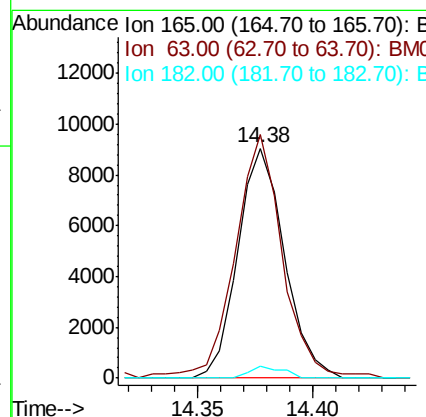
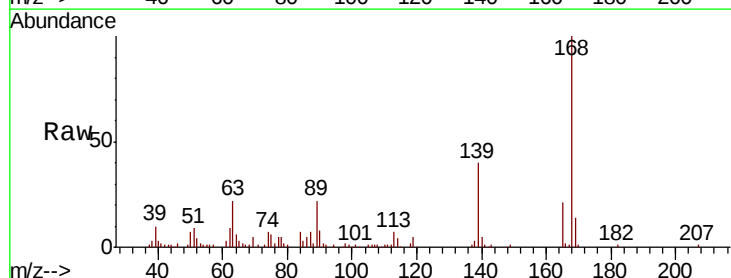
Manual Integrations
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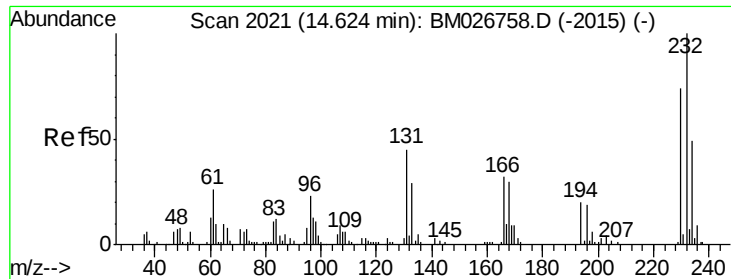
mohammad
7/16/2020 11:05:35 AM



#55
2,4-Dinitrotoluene
Concen: 3.447 ng/ul
RT: 14.38 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	105.8	65.3	97.9#
182	5.4	2.2	3.4#





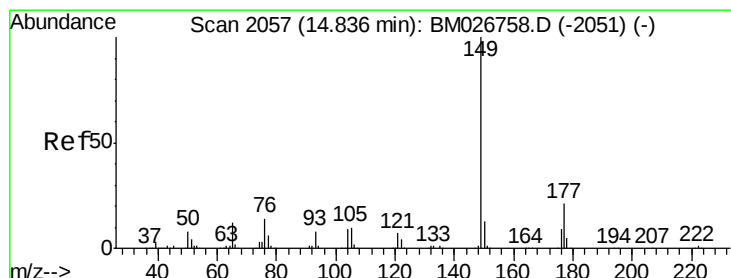
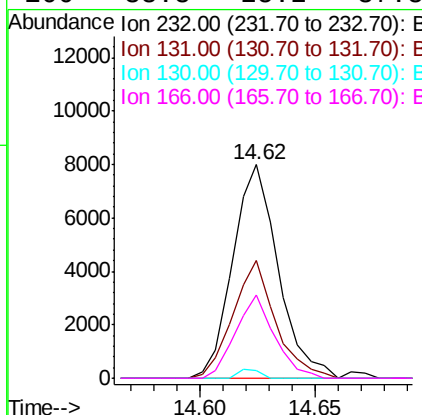
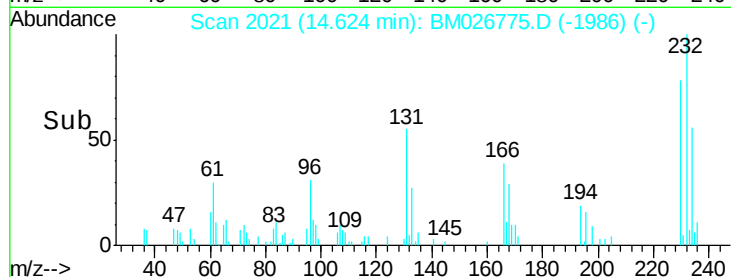
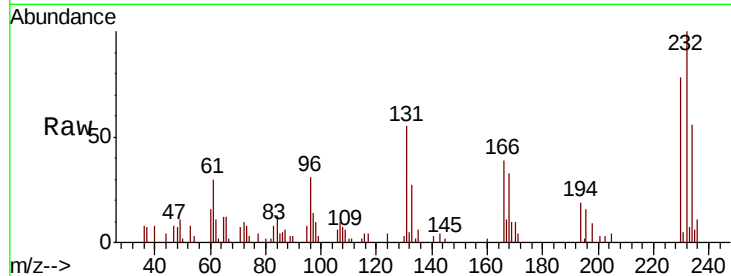
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.514 ng/ul
RT: 14.62 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.0	33.4	50.0#
130	3.4	2.2	3.2#
166	38.8	25.2	37.8#

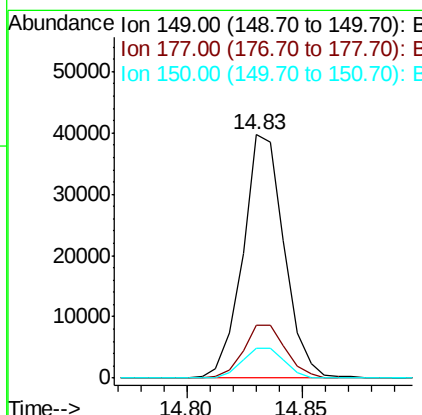
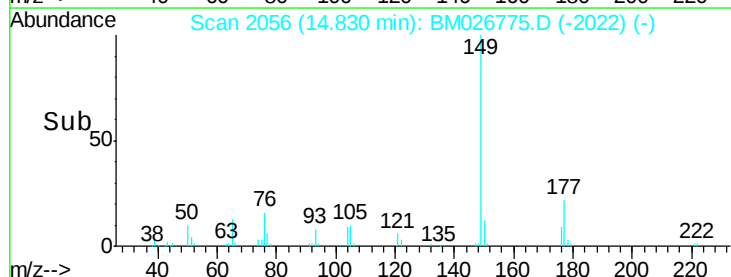
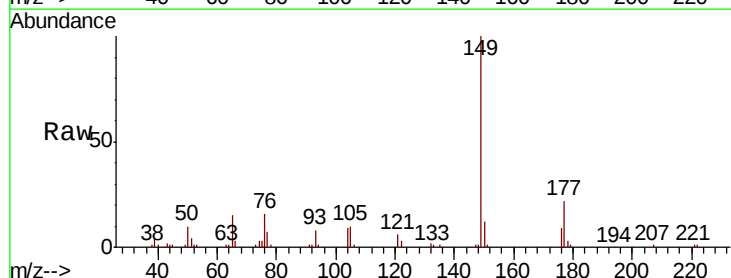
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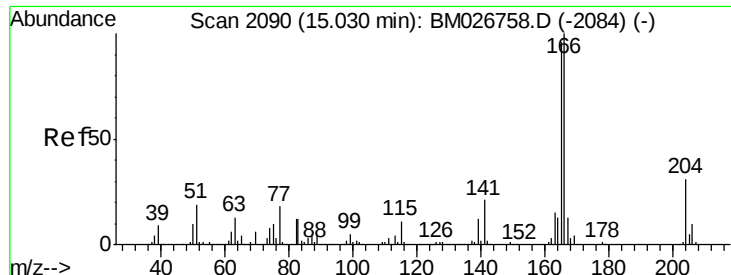
mohammad
7/16/2020 11:05:35 AM



#57
Diethylphthalate
Concen: 3.830 ng/ul
RT: 14.83 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.6	25.0
150	12.3	10.0	15.0





#59

Fluorene

Concen: 3.721 ng/ul

RT: 15.03 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-05

Tot Ion:166 Resp: 48580

Ion Ratio Lower Upper

166 100

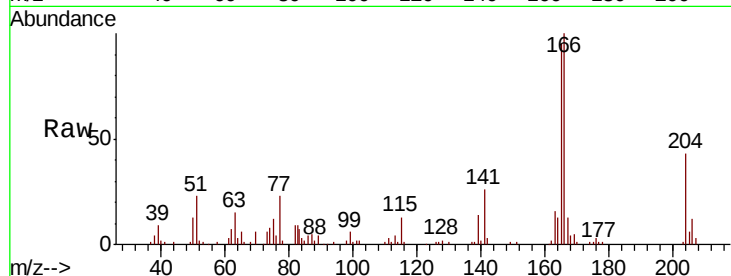
165 94.6 77.0 115.4

167 13.5 10.7 16.1

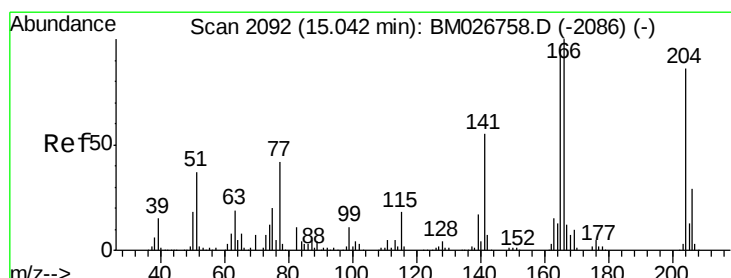
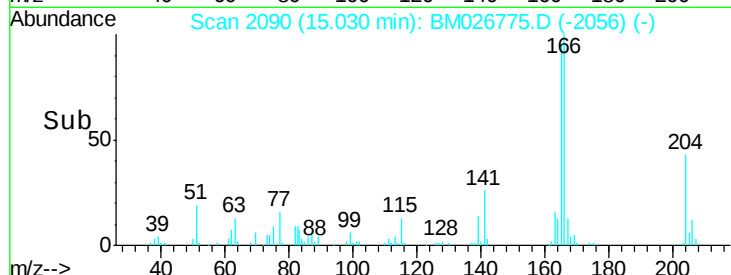
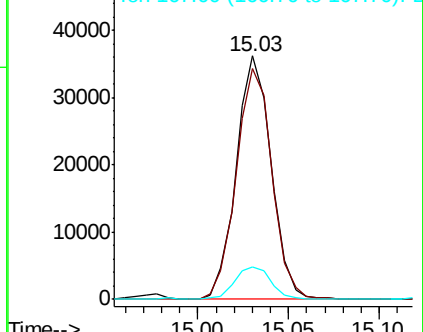
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.862 ng/ul

RT: 15.04 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

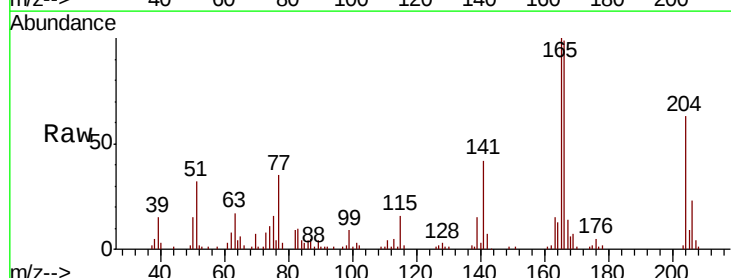
Tgt Ion:204 Resp: 26213

Ion Ratio Lower Upper

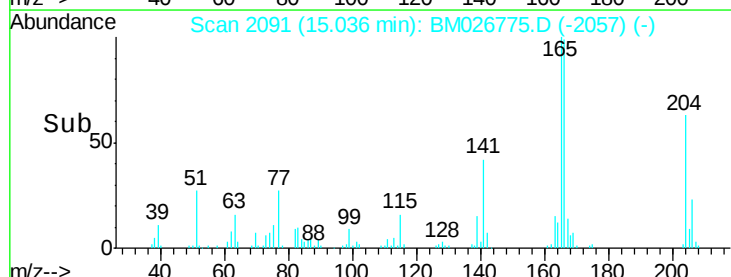
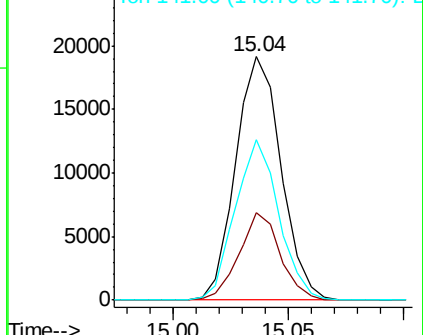
204 100

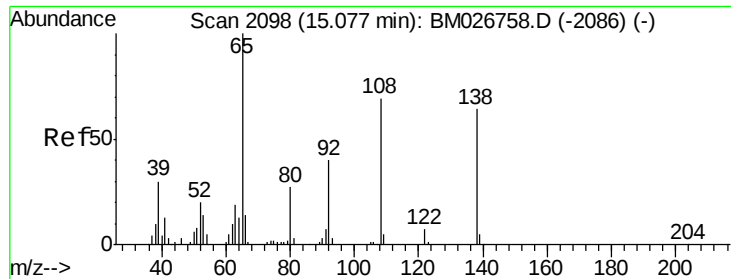
206 35.9 25.3 37.9

141 66.1 50.3 75.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





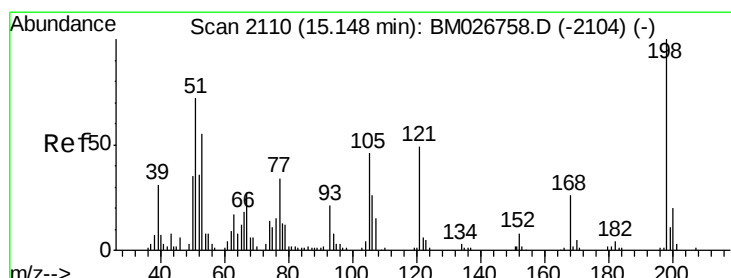
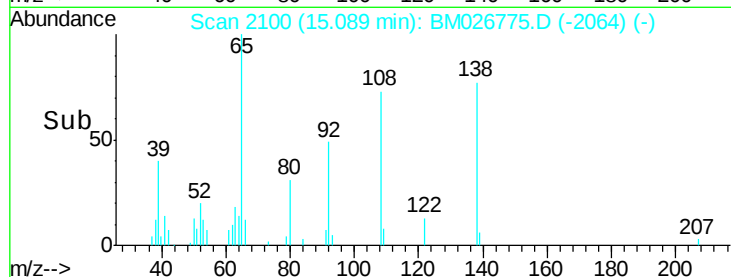
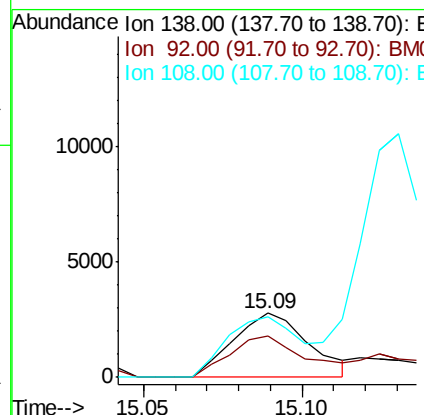
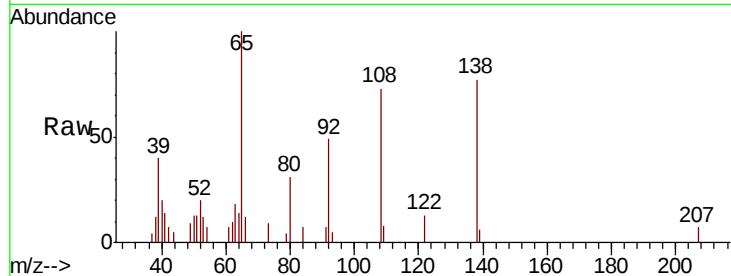
#61
4-Nitroaniline
Concen: 1.954 ng/ul
RT: 15.09 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion:138 Resp: 4576
Ion Ratio Lower Upper
138 100
92 64.1 47.7 71.5
108 94.8 82.6 123.8

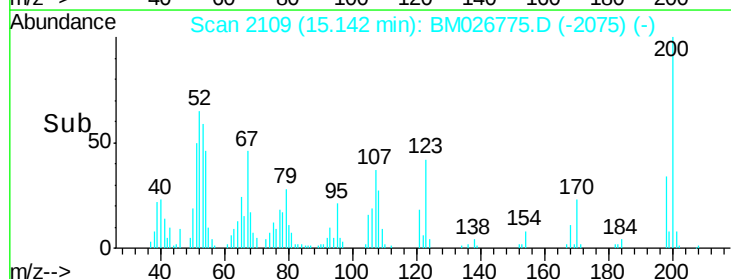
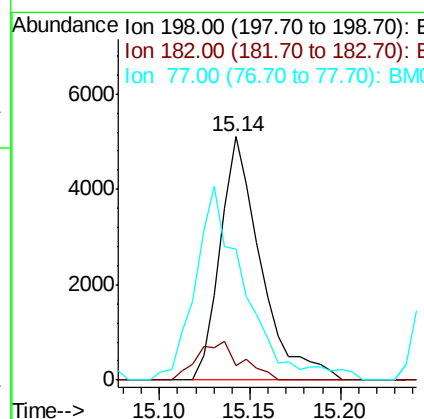
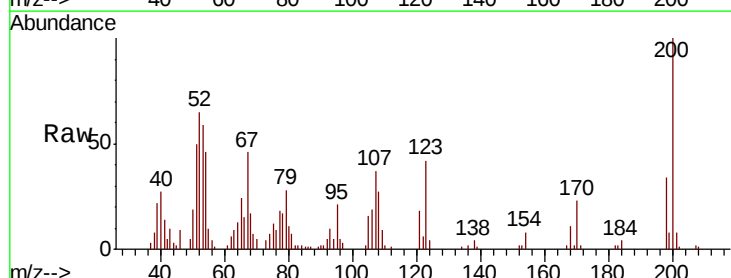
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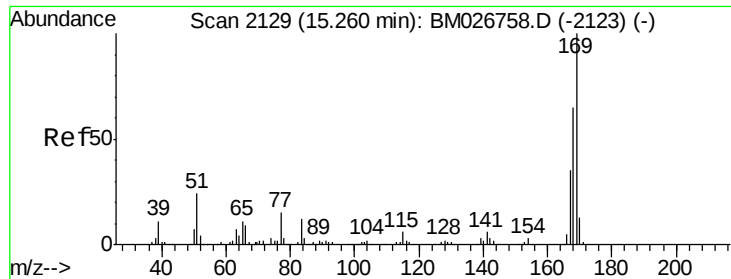
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 3.695 ng/ul
RT: 15.14 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion:198 Resp: 7955
Ion Ratio Lower Upper
198 100
182 5.8 4.0 6.0
77 53.6 26.7 40.1#





#65

N-Nitrosodiphenylamine

Concen: 3.734 ng/ul

RT: 15.26 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

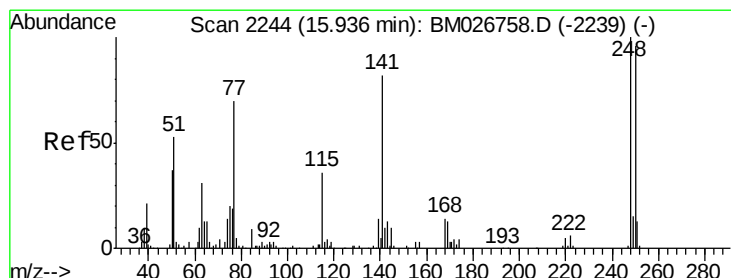
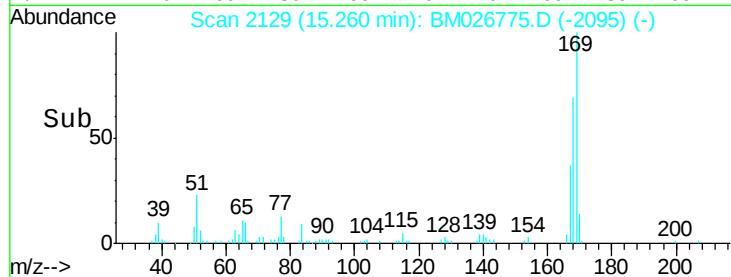
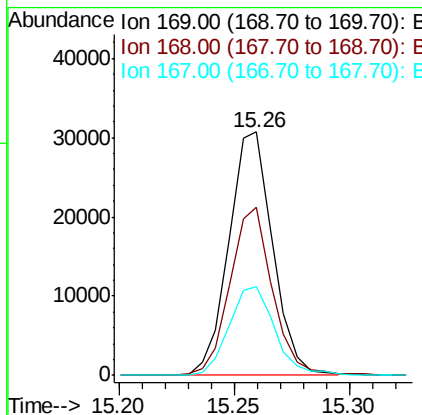
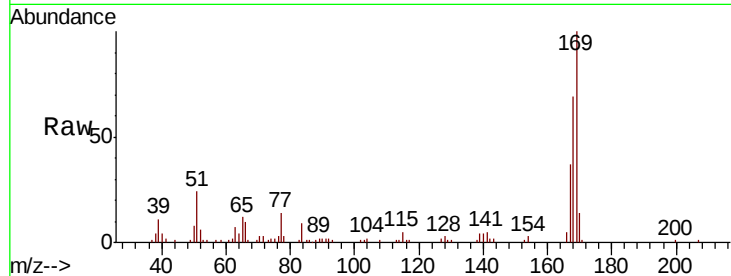
ClientSampleId :

MDL-WATER-05

Tot Ion:	169	Resp:	40624
Ion Ratio	Lower	Upper	
169	100		
168	69.2	51.7	77.5
167	36.6	28.4	42.6

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#66

4-Bromophenyl-phenylether

Concen: 3.935 ng/ul

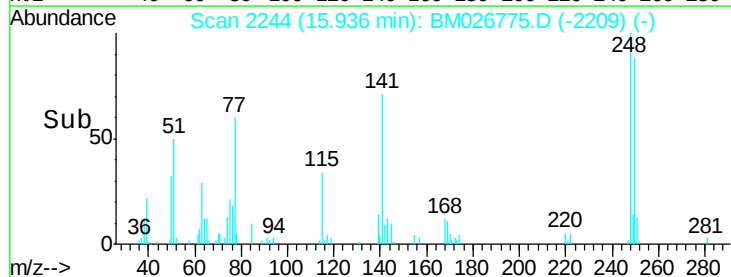
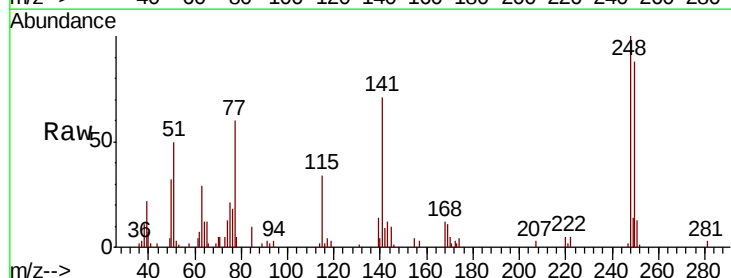
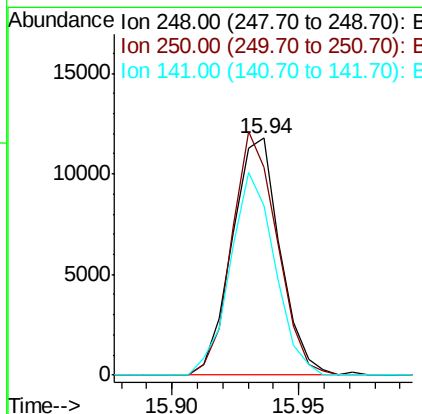
RT: 15.94 min Scan# 2244

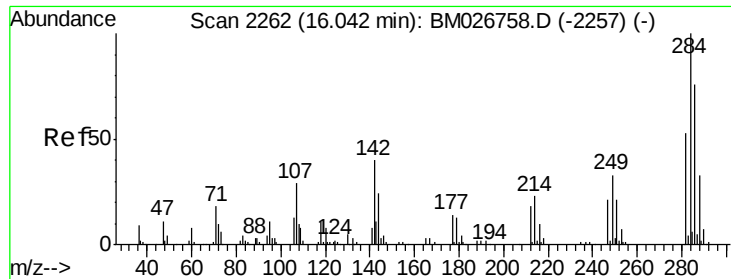
Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion:	248	Resp:	15433
Ion Ratio	Lower	Upper	
248	100		
250	87.6	77.4	116.0
141	71.4	66.1	99.1





#67

Hexachlorobenzene

Concen: 3.844 ng/ul

RT: 16.04 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

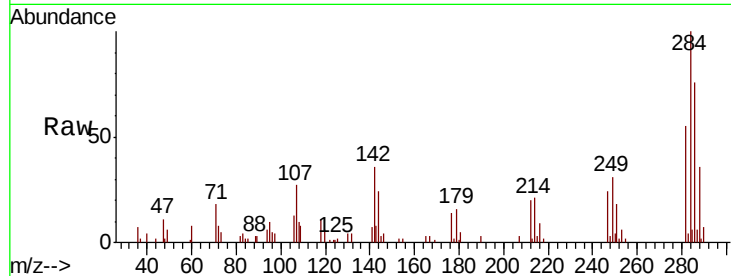
ClientSampled :

MDL-WATER-05

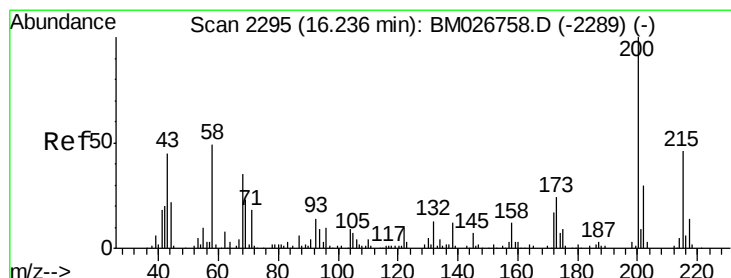
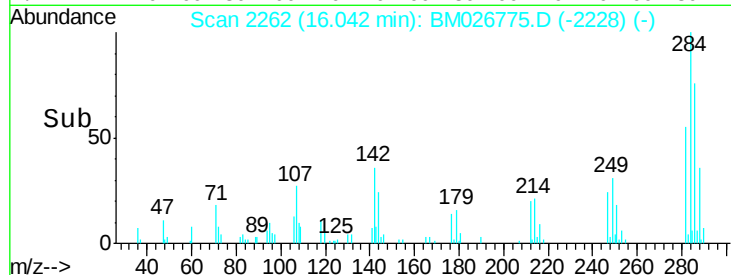
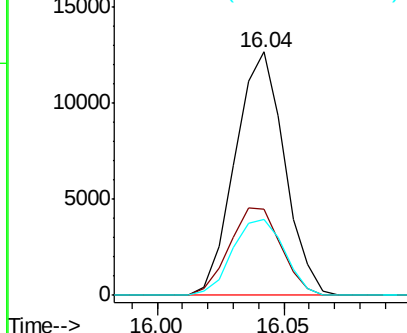
Tot Ion:	284	Resp:	17180
Ion Ratio	Lower	Upper	
284	100		
142	35.6	27.1	40.7
249	31.3	25.8	38.6

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Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.833 ng/ul

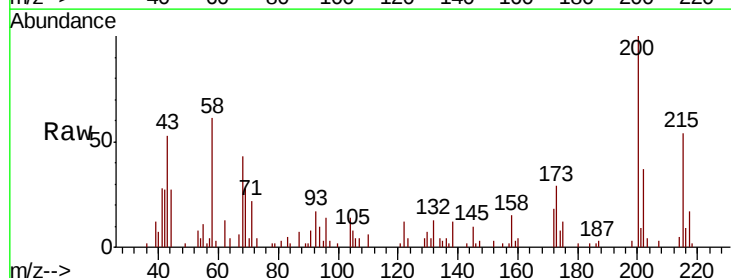
RT: 16.23 min Scan# 2294

Delta R.T. -0.00 min

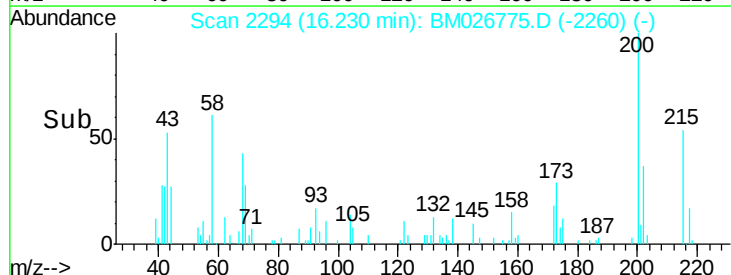
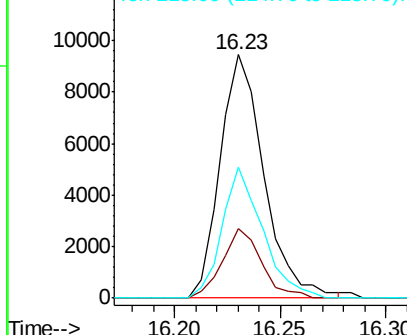
Lab File: BM026775.D

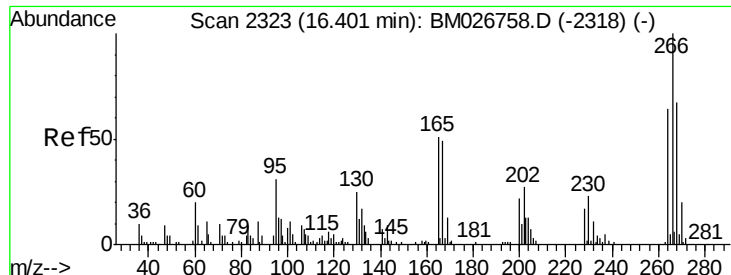
Acq: 15 Jul 2020 13:59

Tgt Ion:	200	Resp:	13584
Ion Ratio	Lower	Upper	
200	100		
173	28.6	20.8	31.2
215	54.1	37.8	56.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





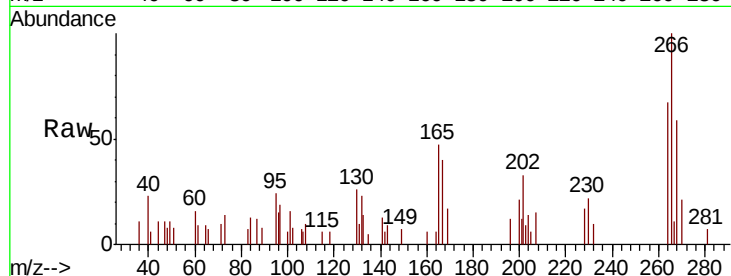
#69
 Pentachlorophenol
 Concen: 2.526 ng/ul
 RT: 16.41 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleID :
 MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
266	100		
264	67.4	49.9	74.9
268	58.6	51.4	77.0

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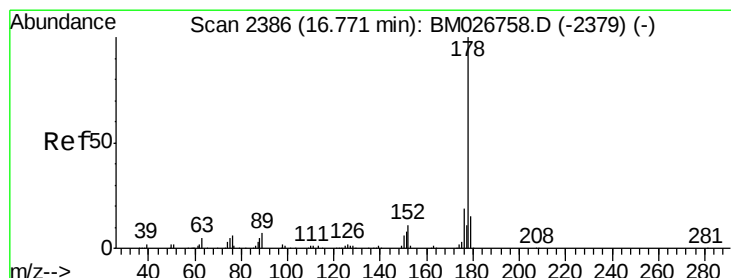
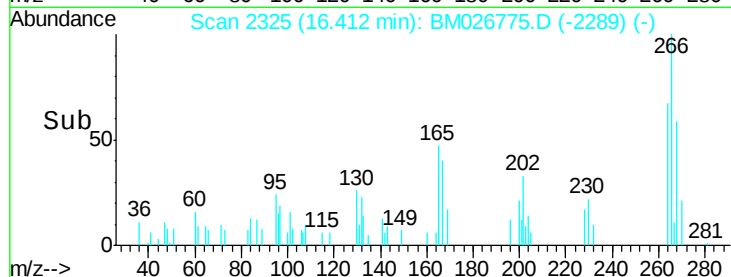
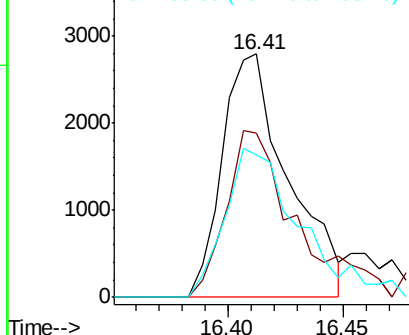


Abundance

Ion 265.70 (265.40 to 266.40): E

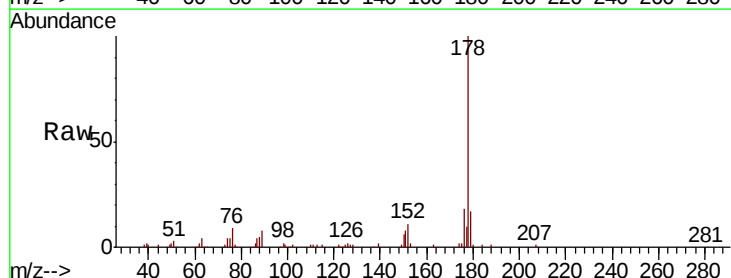
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 3.812 ng/ul
 RT: 16.77 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.4	18.6
176	18.3	14.3	21.5

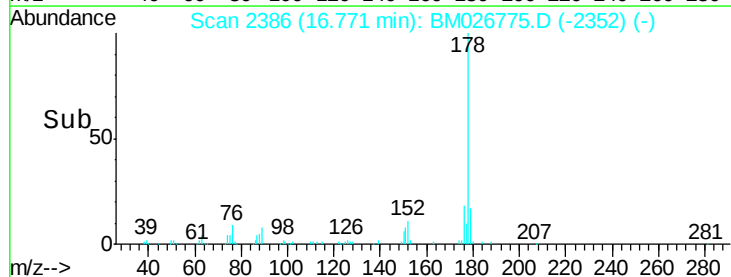
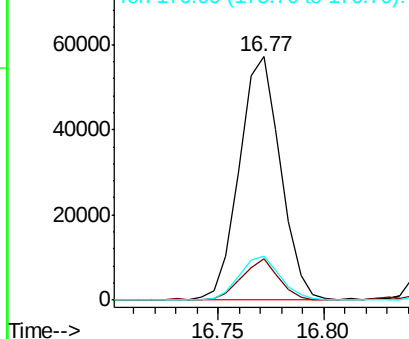


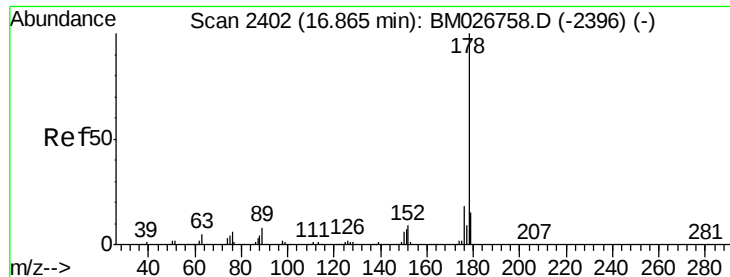
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.841 ng/ul

RT: 16.86 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

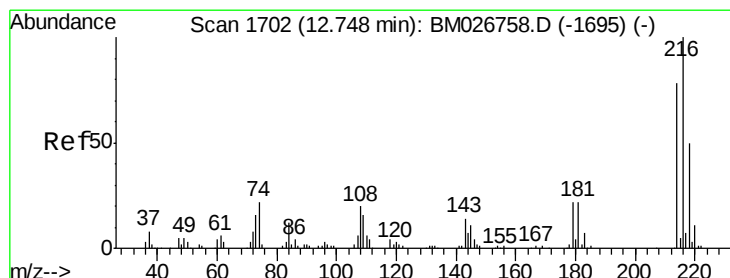
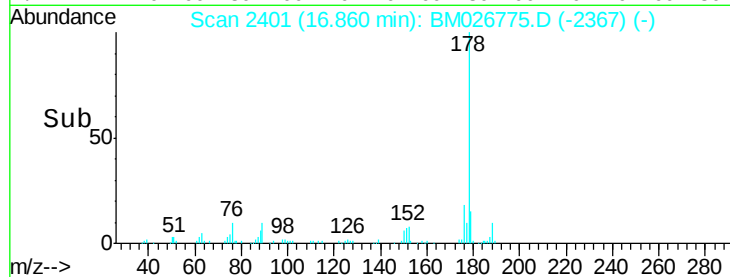
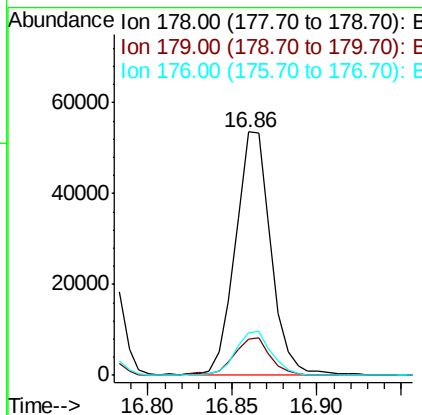
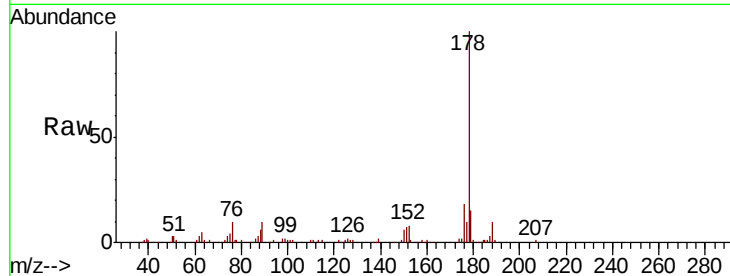
ClientSampleId :

MDL-WATER-05

Tot Ion:	178	Resp:	78518
Ion Ratio	Lower	Upper	
178	100		
179	15.0	11.8	17.6
176	17.6	14.7	22.1

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.818 ng/uL

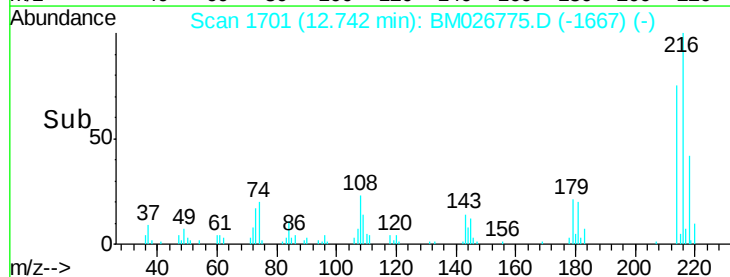
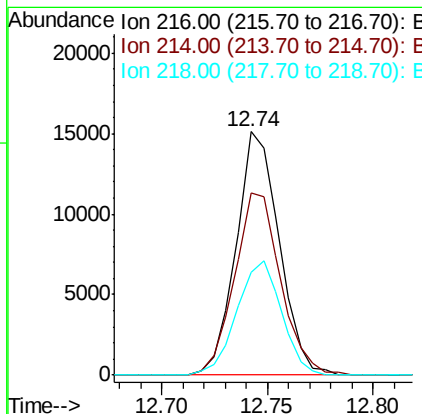
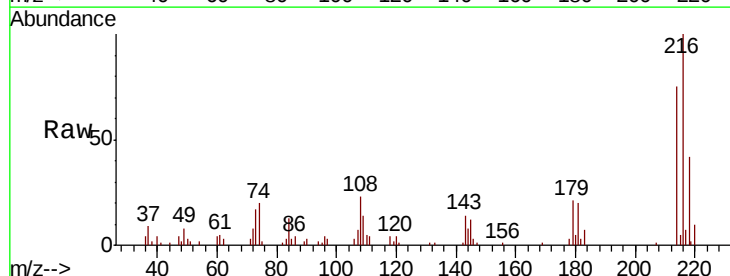
RT: 12.74 min Scan# 1701

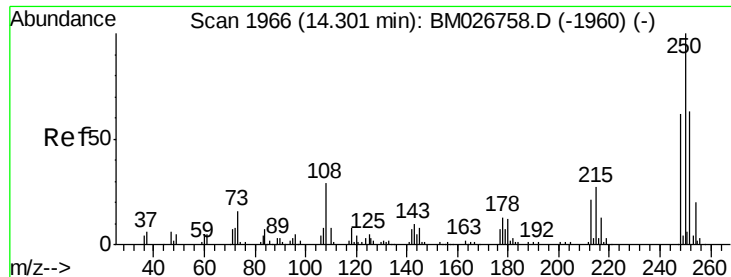
Delta R.T. -0.00 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion:	216	Resp:	21415
Ion Ratio	Lower	Upper	
216	100		
214	75.0	63.8	95.8
218	44.4	38.5	57.7





#74

Pentachlorobenzene

Concen: 3.926 ng/uL

RT: 14.30 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

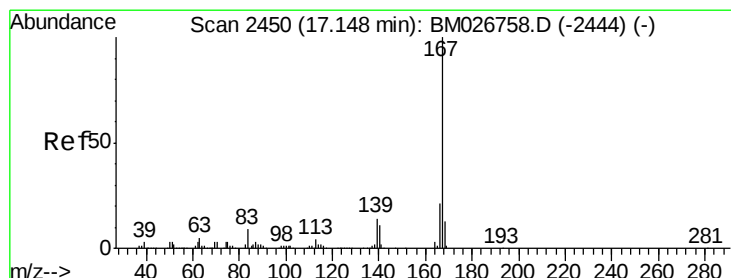
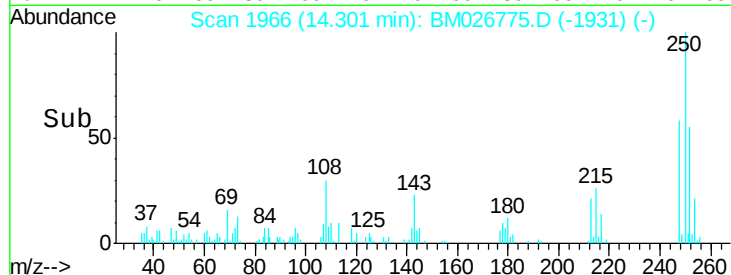
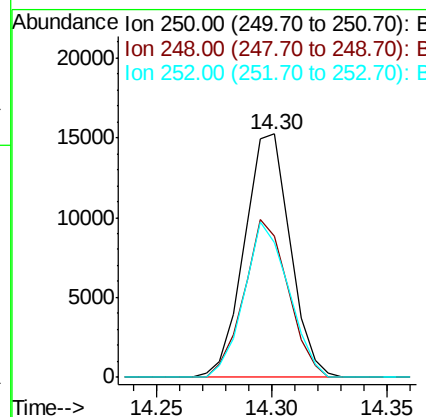
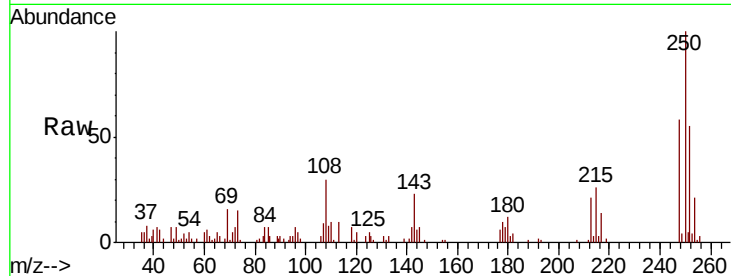
ClientSampleId :

MDL-WATER-05

Tot Ion:	250	Resp:	21093
Ion Ratio	Lower	Upper	
250	100		
248	58.1	51.3	76.9
252	55.5	50.9	76.3

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#75

Carbazole

Concen: 3.574 ng/uL

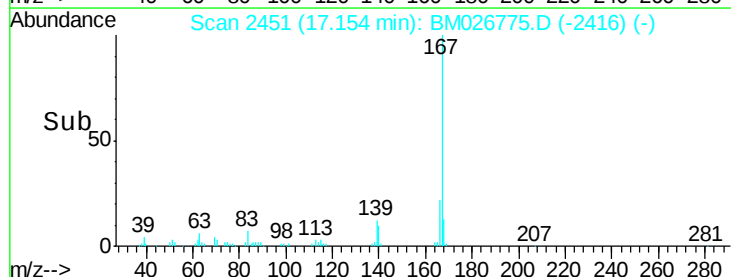
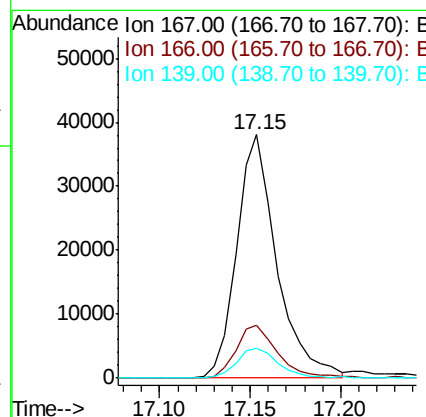
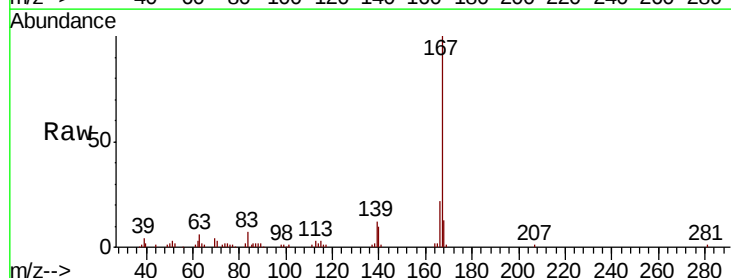
RT: 17.15 min Scan# 2451

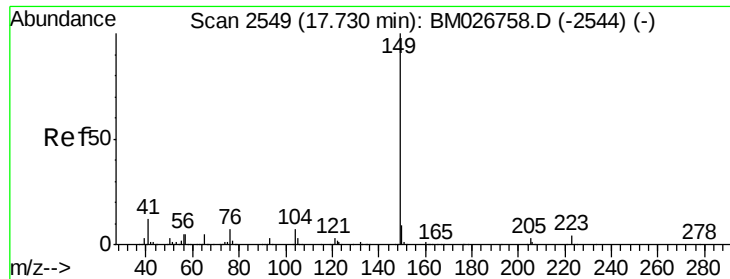
Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Tgt Ion:	167	Resp:	58502
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.4	26.0
139	12.1	10.6	15.8





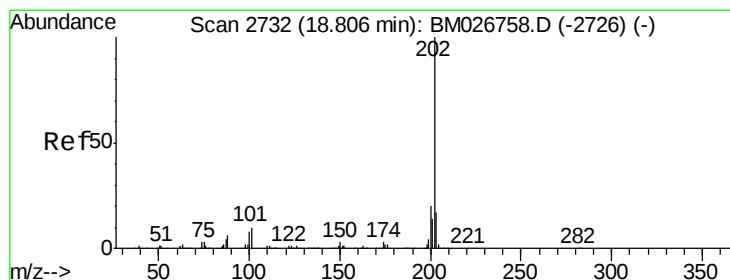
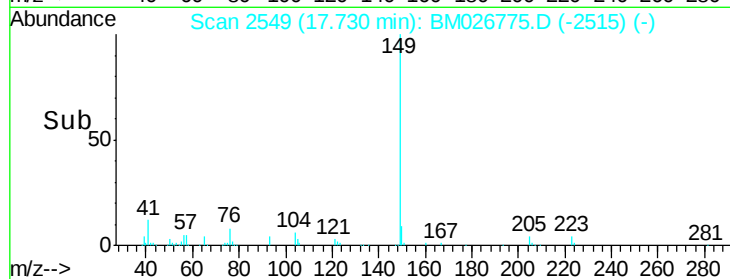
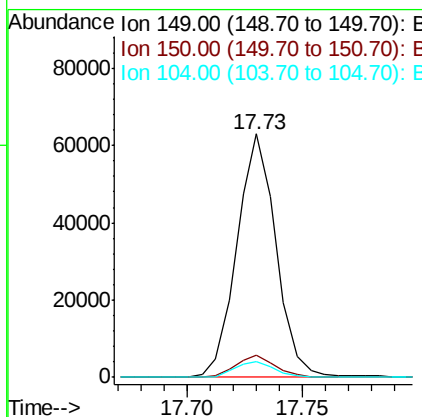
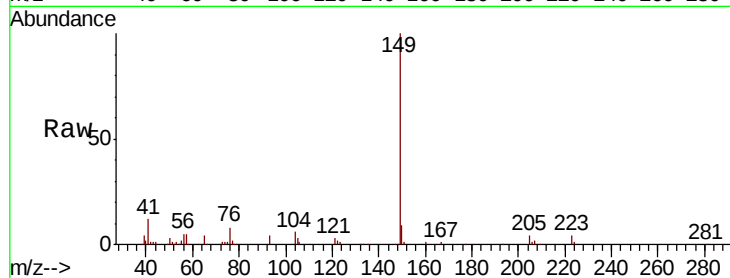
#76
Di-n-butylphthalate
Concen: 3.754 ng/ul
RT: 17.73 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	6.4	5.2	7.8

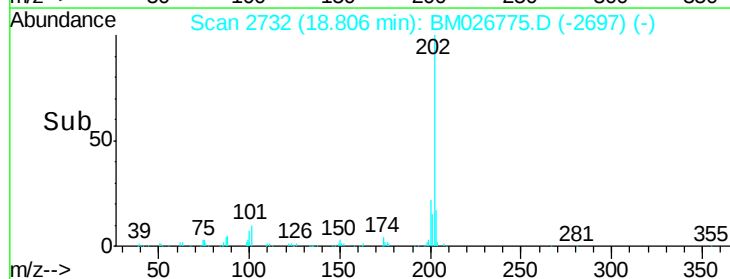
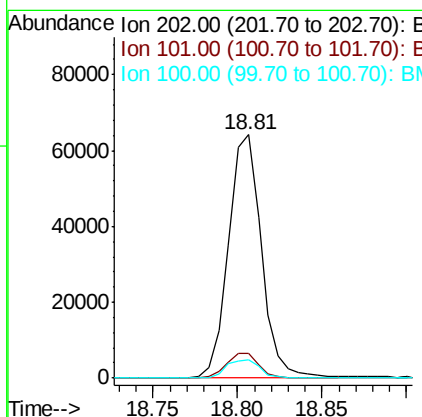
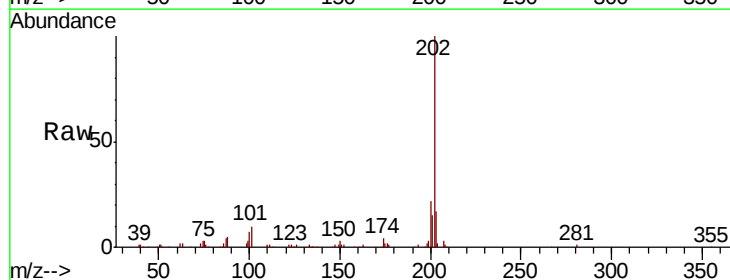
Manual Integrations
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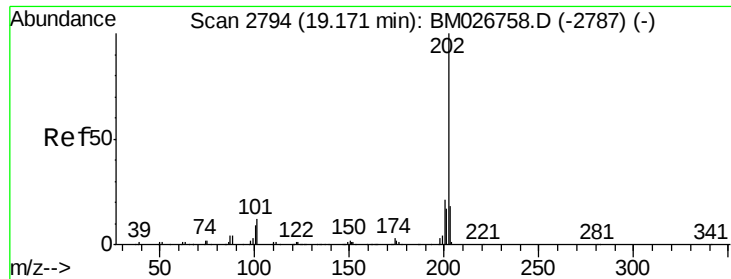
mohammad
7/16/2020 11:05:35 AM



#77
Fluoranthene
Concen: 4.151 ng/ul
RT: 18.81 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
100	7.5	6.9	10.3





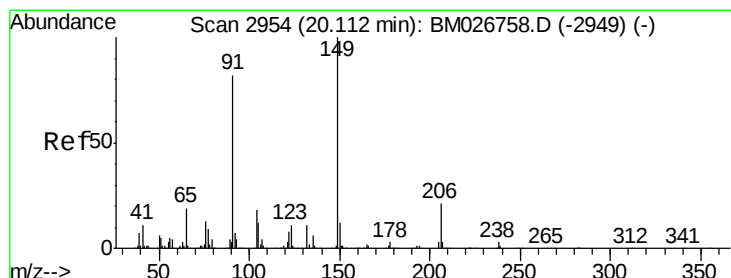
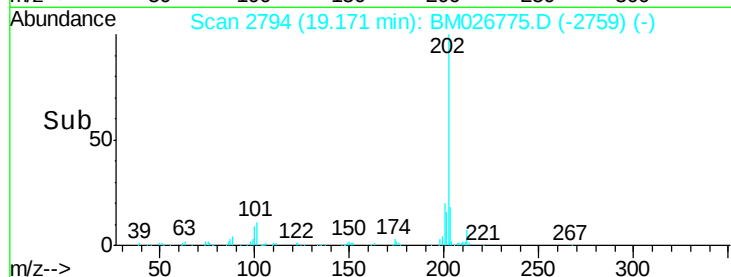
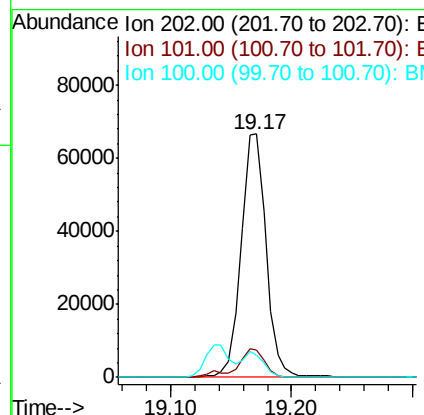
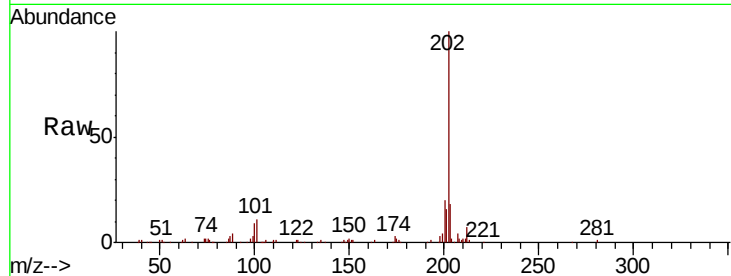
#80
Pvrene
Concen: 4.051 ng/ul
RT: 19.17 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	9.4	14.2
100	9.1	8.0	12.0

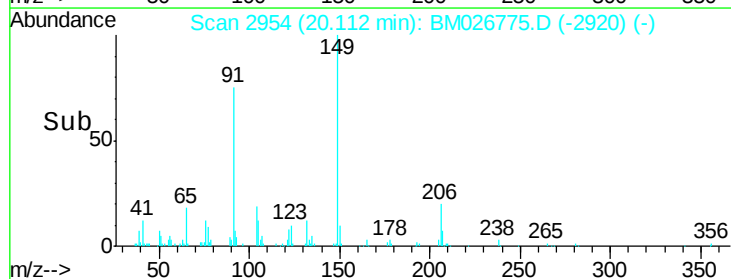
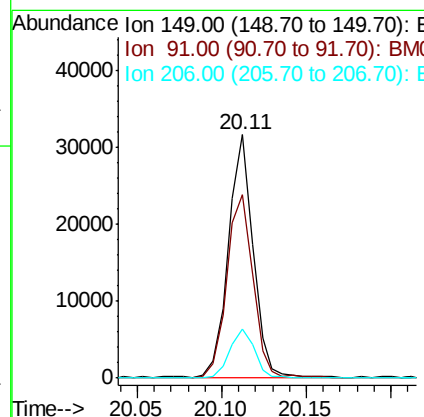
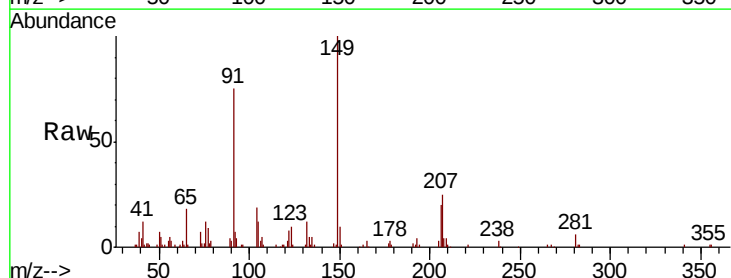
Manual Integrations
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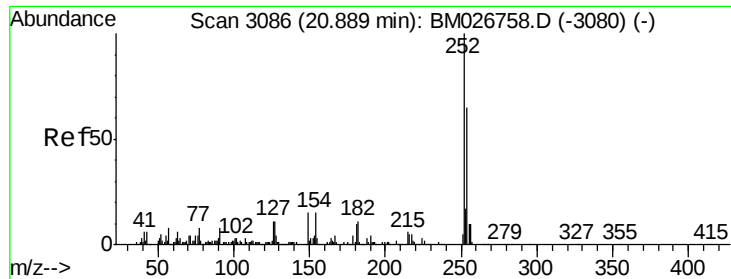
mohammad
7/16/2020 11:05:35 AM



#81
Butylbenzylphthalate
Concen: 3.847 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	75.3	66.4	99.6
206	19.9	16.3	24.5





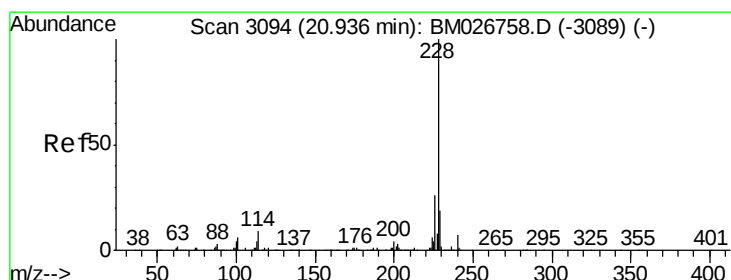
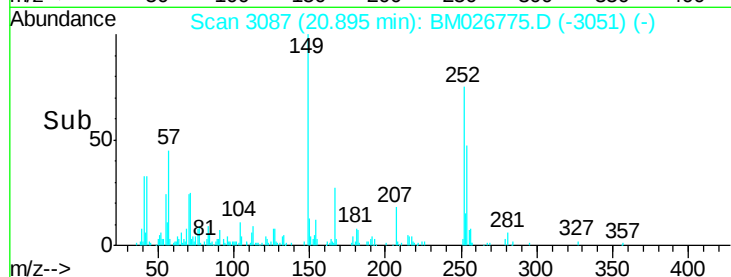
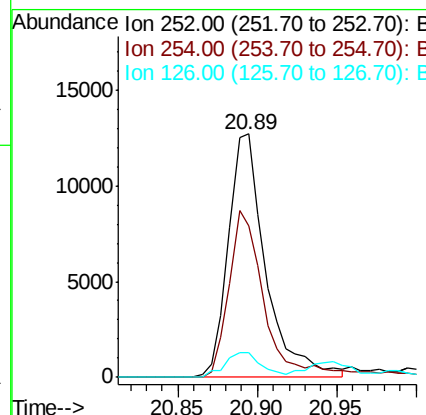
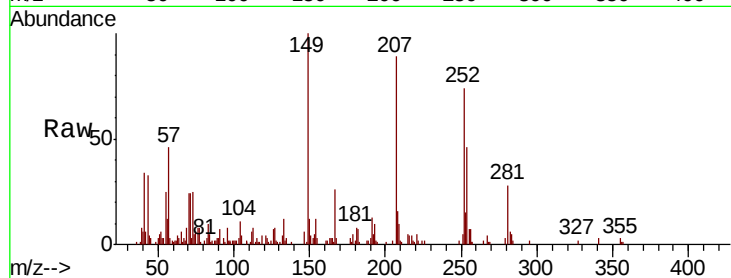
#82
 3,3'-Dichlorobenzidine
 Concen: 3.067 ng/ul
 RT: 20.89 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Tot Ion	Ratio	Resp	Lower	Upper
252	100	20830		
254	62.3		51.3	76.9
126	10.1		8.1	12.1

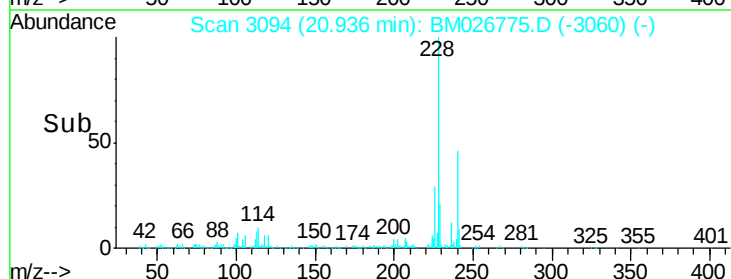
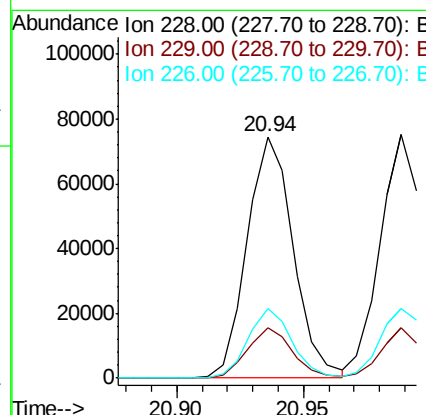
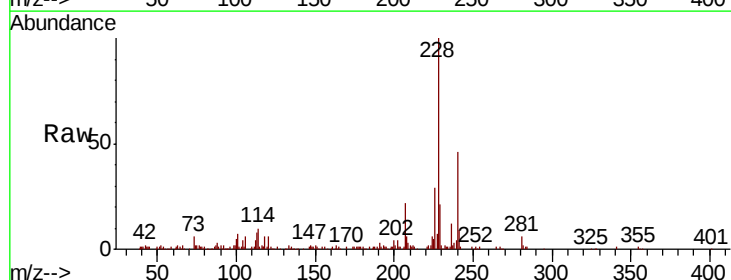
Manual Integrations
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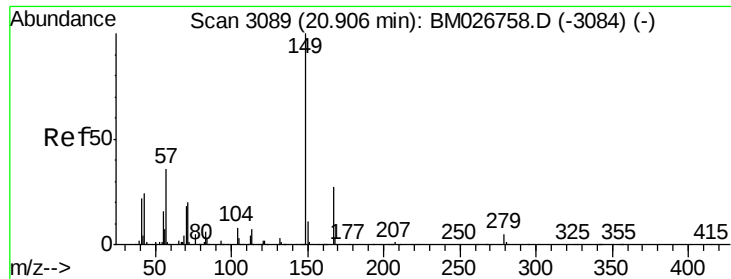
mohammad
 7/16/2020 11:05:35 AM



#83
 Benzo(a)anthracene
 Concen: 4.098 ng/ul
 RT: 20.94 min Scan# 3094
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	95062		
229	20.7		15.4	23.0
226	28.9		21.2	31.8





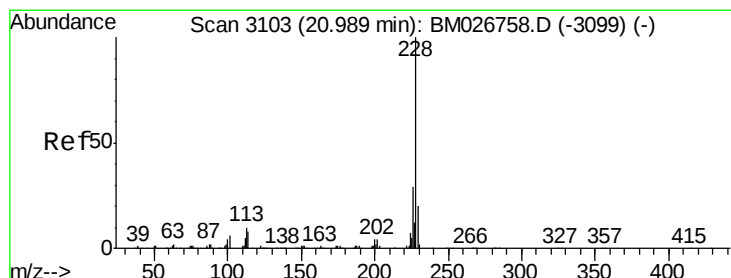
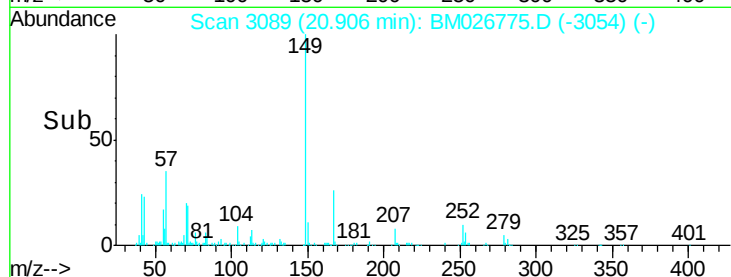
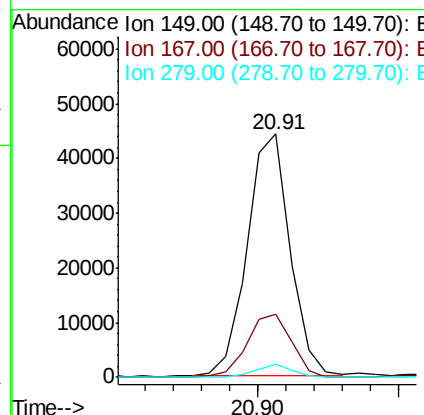
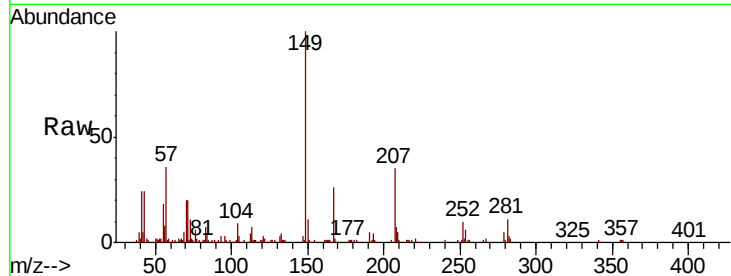
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.655 ng/ul
 RT: 20.91 min Scan# 3089
 Delta R.T. 0.01 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.1	33.1
279	5.3	3.6	5.4

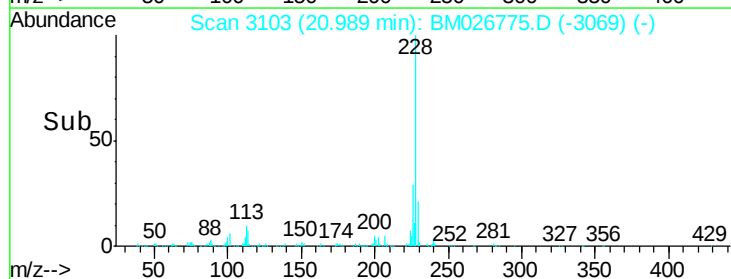
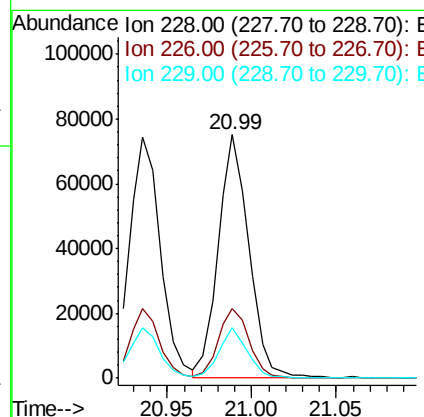
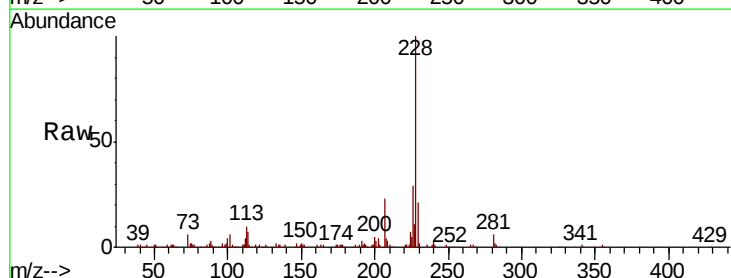
Manual Integrations
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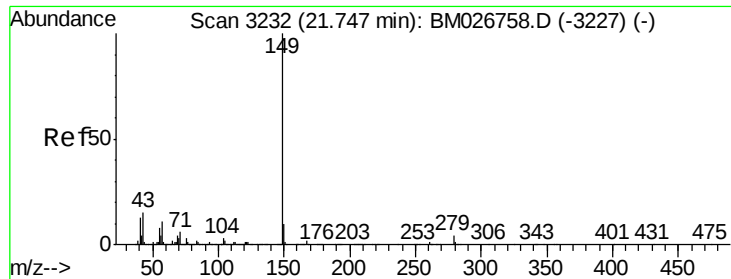
mohammad
 7/16/2020 11:05:35 AM



#85
 Chrysene
 Concen: 4.149 ng/ul
 RT: 20.99 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM026775.D
 Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.6	15.5	23.3





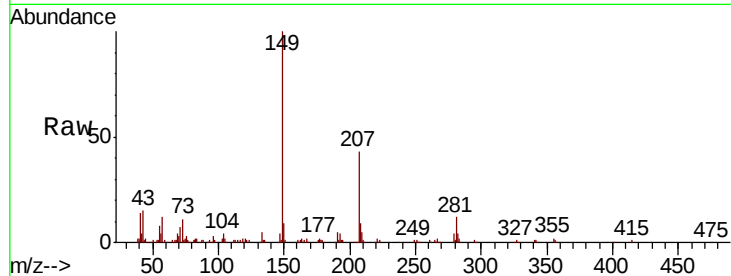
#87
Di-n-octyl phthalate
Concen: 3.339 ng/ul
RT: 21.75 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

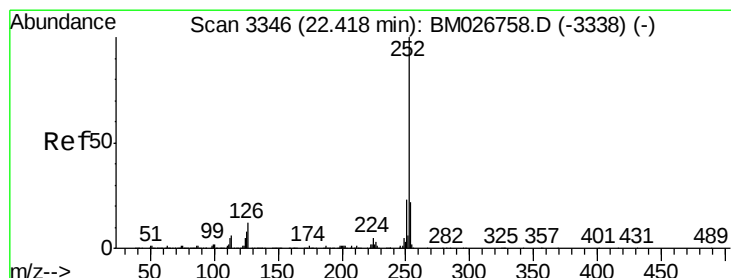
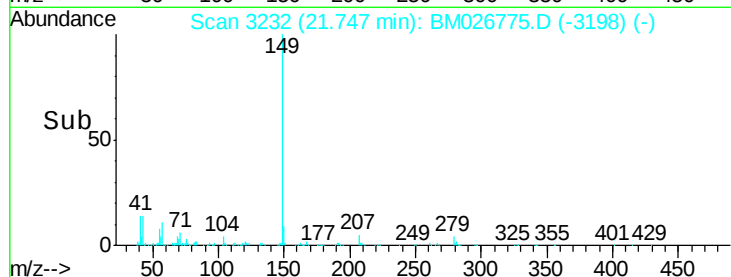
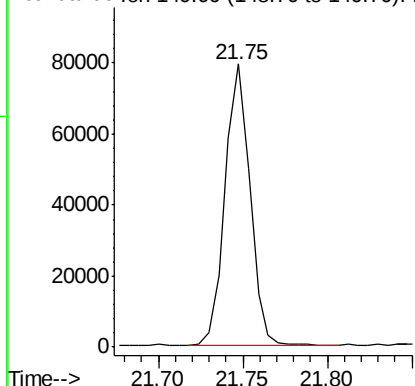
Tgt Ion:149 Resp: 81540

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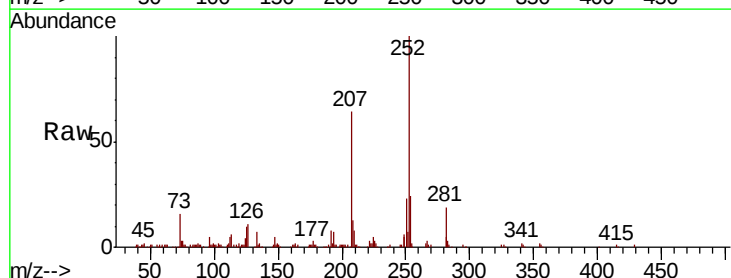


Abundance Ion 149.00 (148.70 to 149.70): E

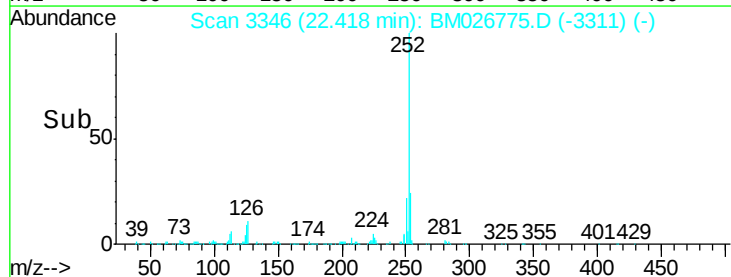
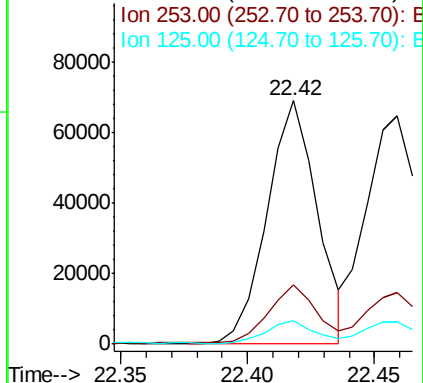


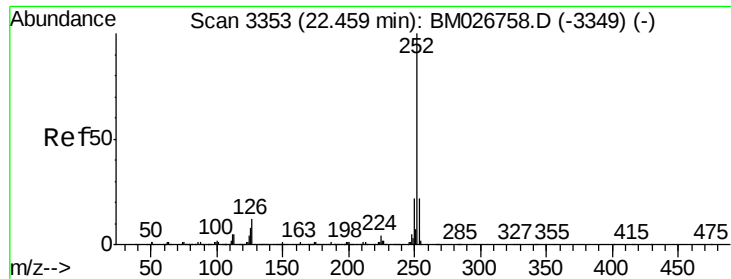
#88
Benzo(b)fluoranthene
Concen: 3.530 ng/ul
RT: 22.42 min Scan# 3346
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion:252 Resp: 95031
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 9.6 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E





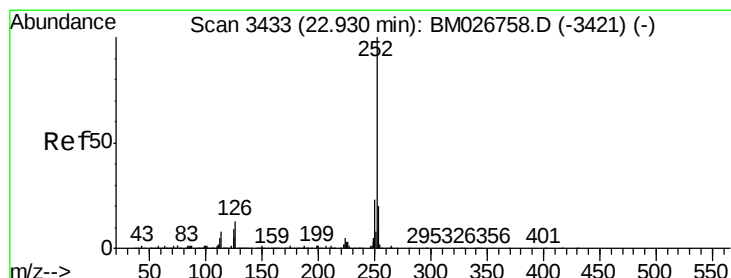
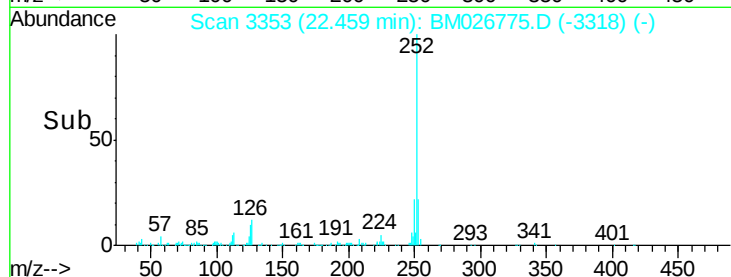
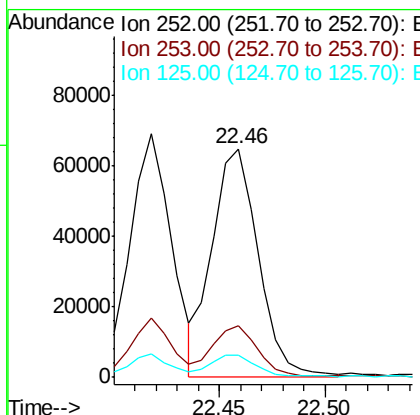
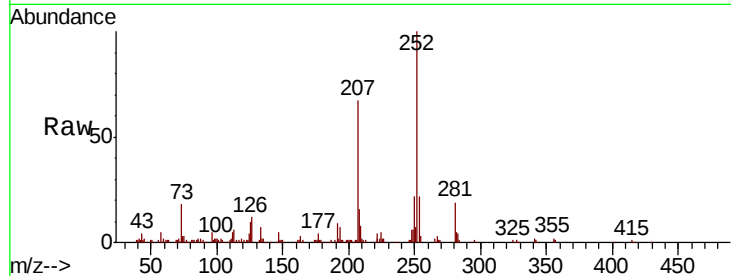
#89
Benzo(k)fluoranthene
Concen: 3.688 ng/uL
RT: 22.46 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.9	7.7	11.5

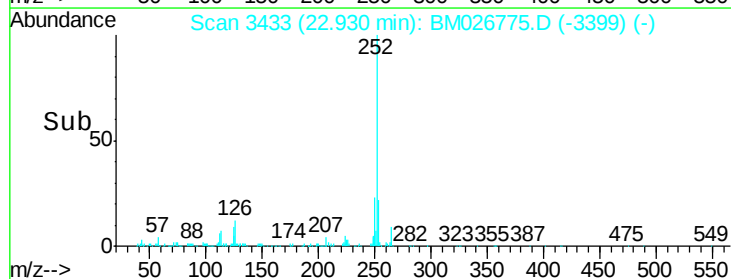
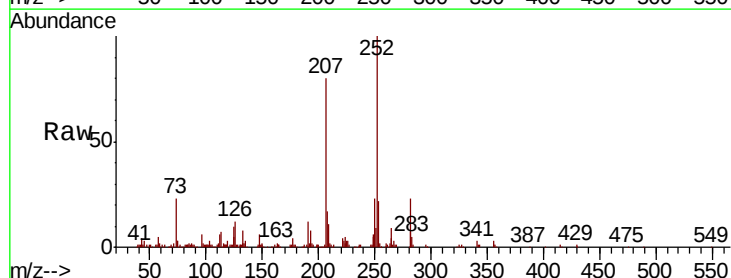
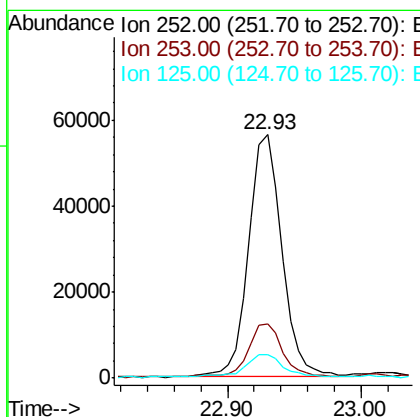
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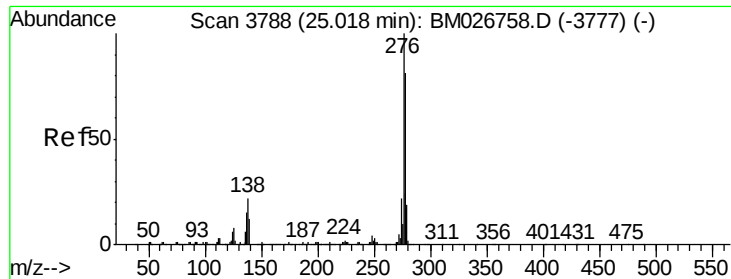
mohammad
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#91
Benzo(a)pyrene
Concen: 4.077 ng/uL
RT: 22.93 min Scan# 3433
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.5	7.5	11.3





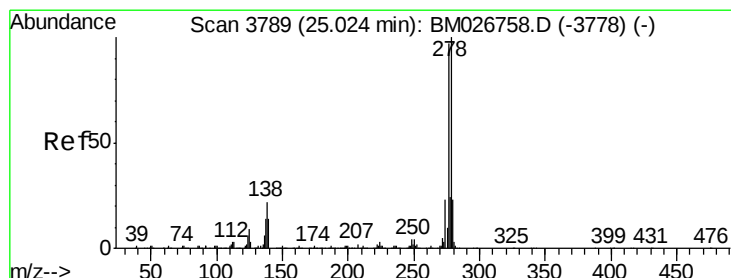
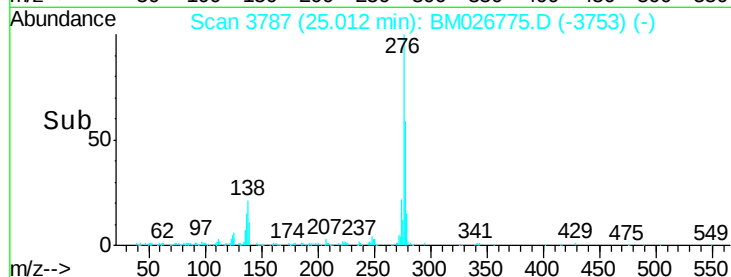
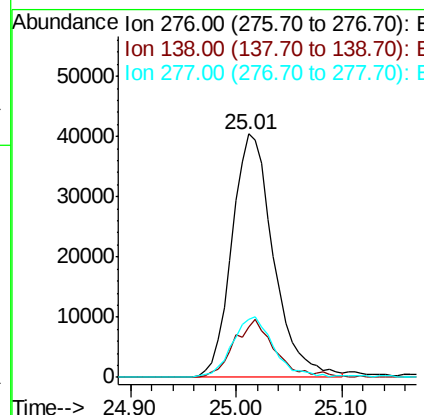
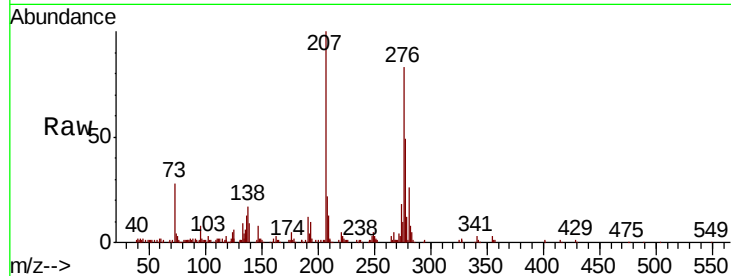
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.542 ng/ul
RT: 25.01 min Scan# 3787
Delta R.T. -0.00 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.2	27.4
277	23.9	19.5	29.3

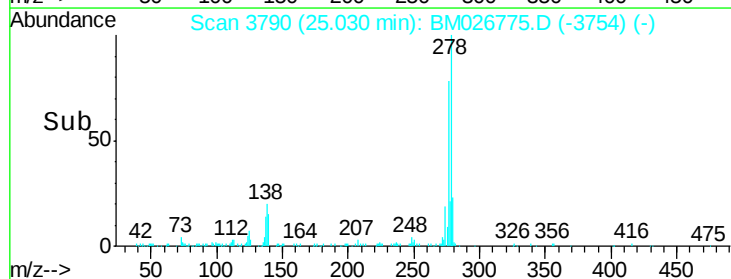
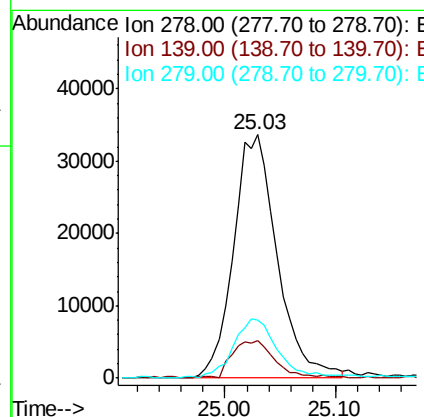
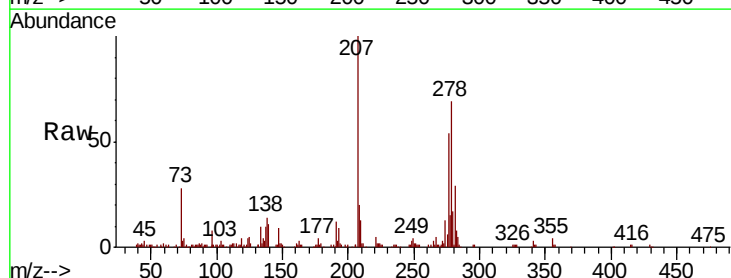
Manual Integrations
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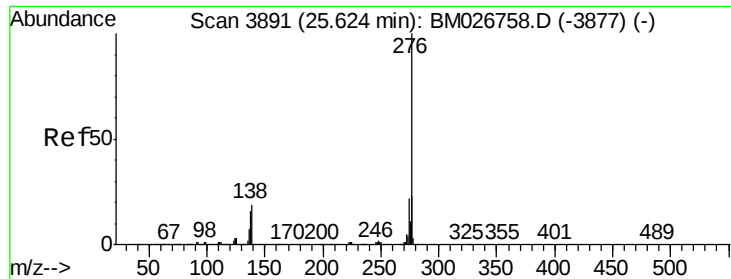
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 3.563 ng/ul
RT: 25.03 min Scan# 3790
Delta R.T. 0.01 min
Lab File: BM026775.D
Acq: 15 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.4	17.2
279	23.9	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 3.640 ng/ul

RT: 25.62 min Scan# 3891

Delta R.T. 0.01 min

Lab File: BM026775.D

Acq: 15 Jul 2020 13:59

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-05

Tot Ion: 276 Resp: 94628

Ion Ratio Lower Upper

276 100

138 18.7 15.6 23.4

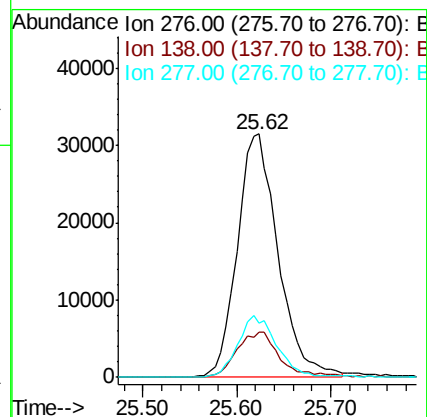
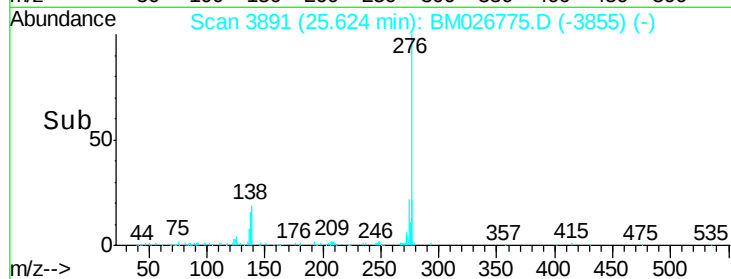
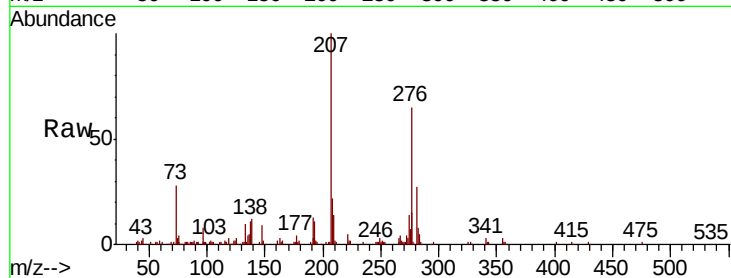
277 22.4 18.6 27.8

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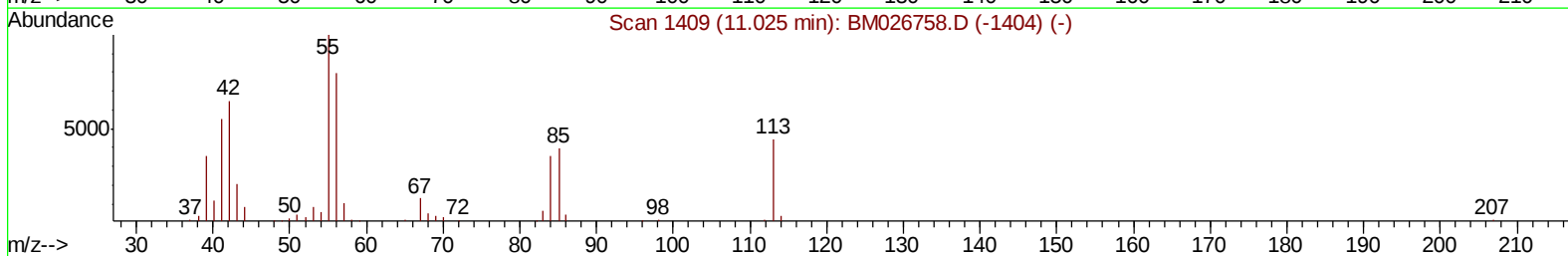
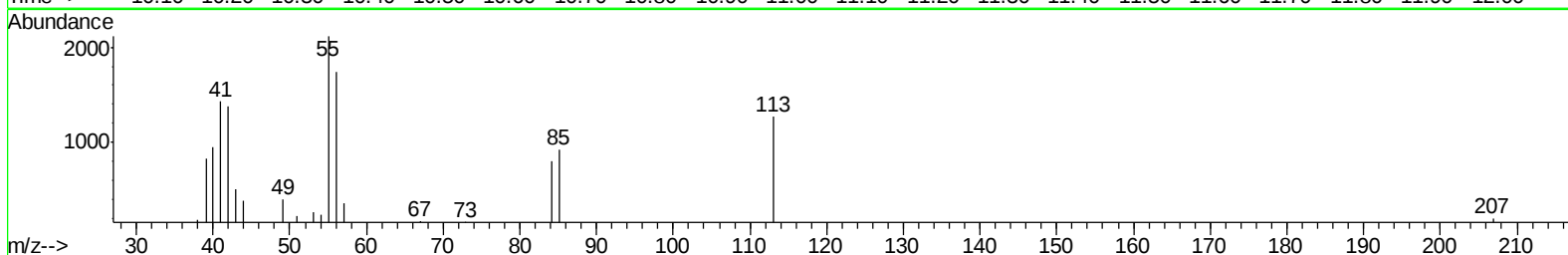
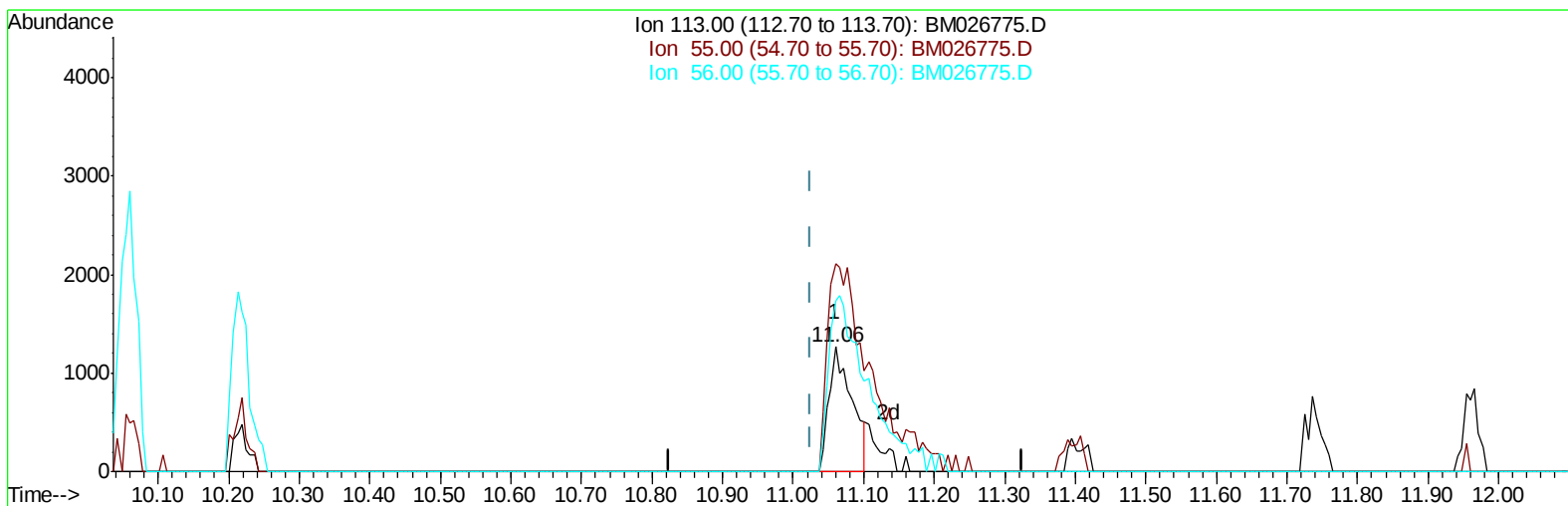
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 Data File : BM026775.D
 Acq On : 15 Jul 2020 13:59
 Operator : JU/CG
 Sample : L1955-12
 Misc : MDL-WATER-05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Manual Integrations
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Quant Time: Jul 15 14:38:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration



TIC: BM026775.D

(32) Caprolactam

11.060min (+0.035) 2.44ng/ul

response 2910

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	166.72#
56.00	168.60	137.30
0.00	0.00	0.00

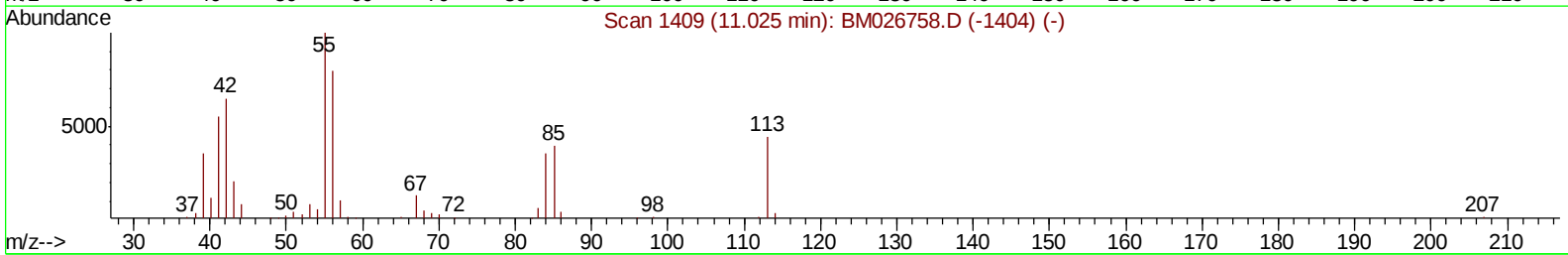
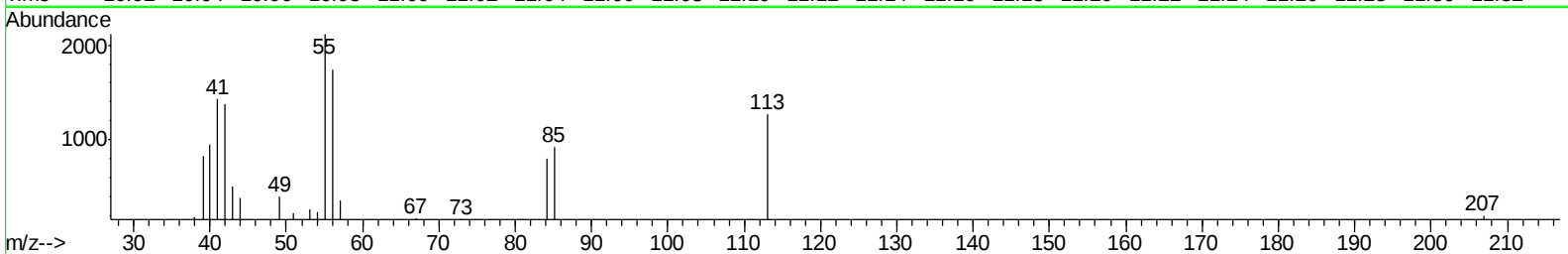
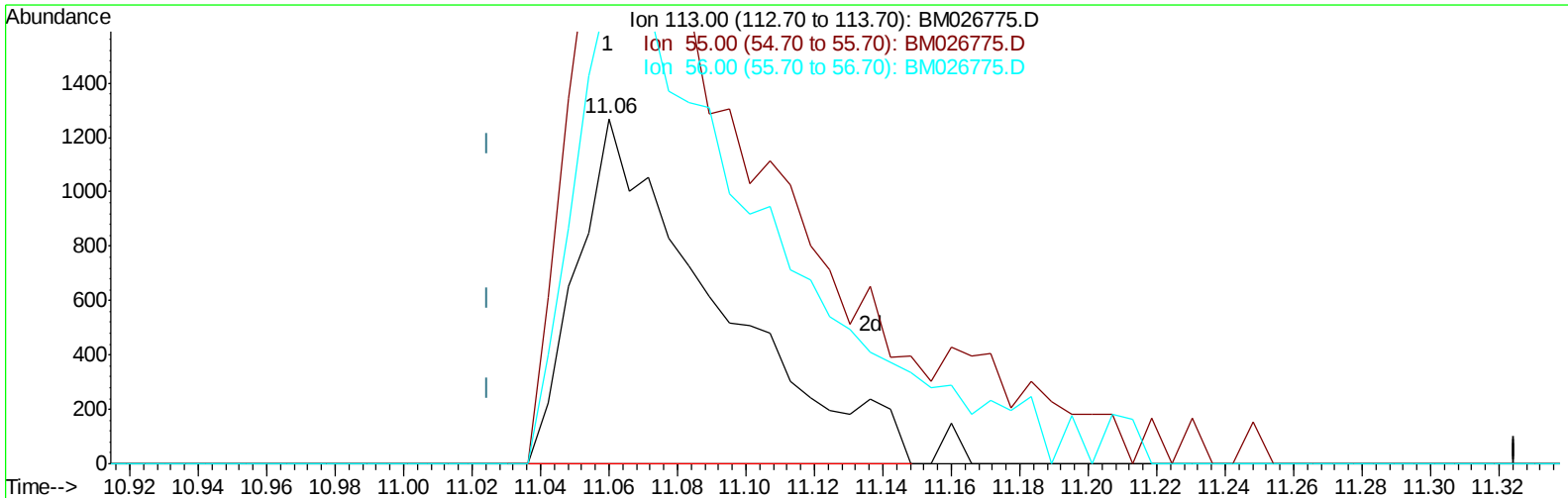
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Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations
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7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:38:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration



TIC: BM026775.D

(32) Caprolactam

11.060min (+0.035) 2.99ng/ul m

response 3562

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	166.72#
56.00	168.60	137.30
0.00	0.00	0.00

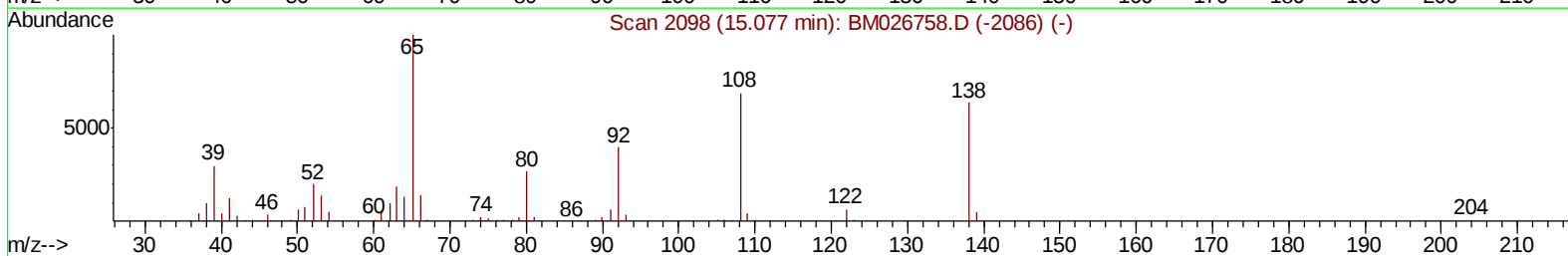
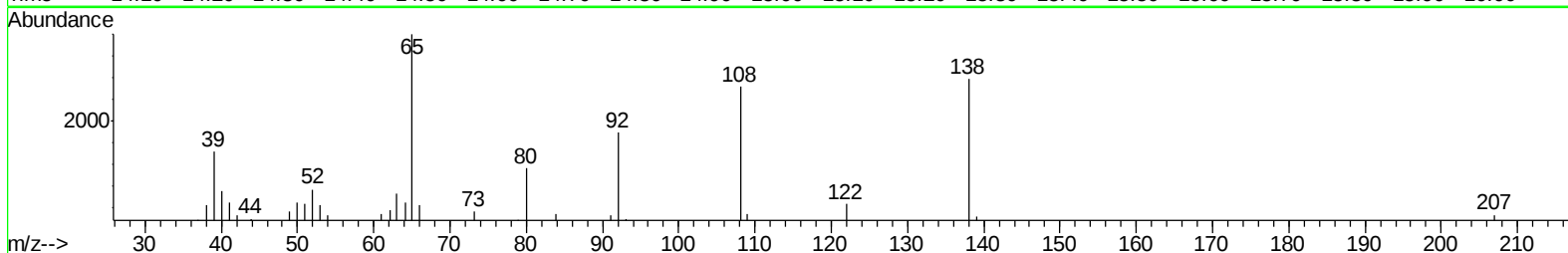
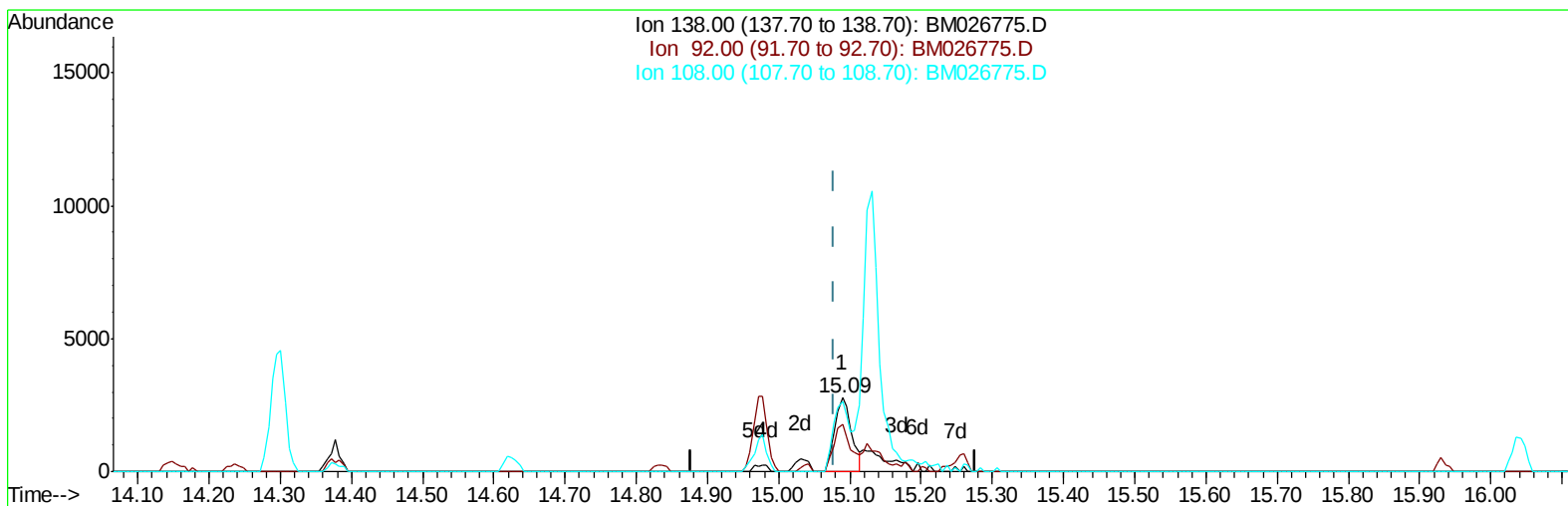
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Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations
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mohammad
7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:38:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration



TIC: BM026775.D

(61) 4-Nitroaniline

15.089min (+0.012) 1.95ng/ul

response 4576

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	64.10
108.00	103.20	94.81
0.00	0.00	0.00

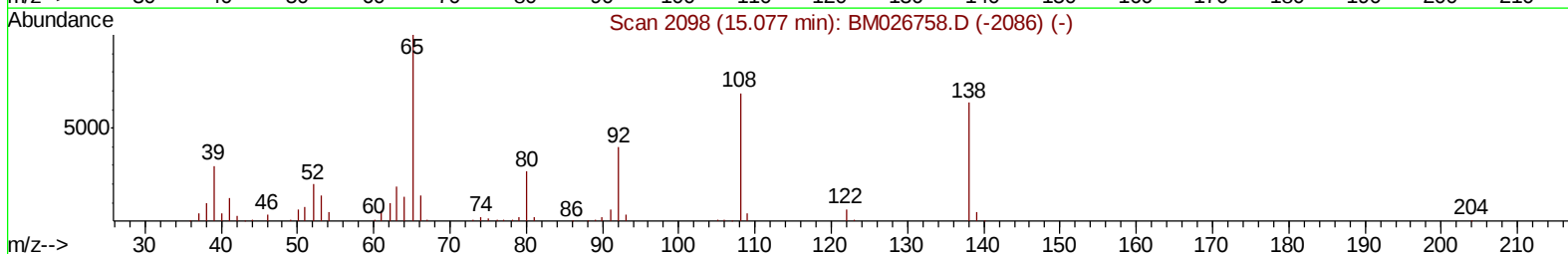
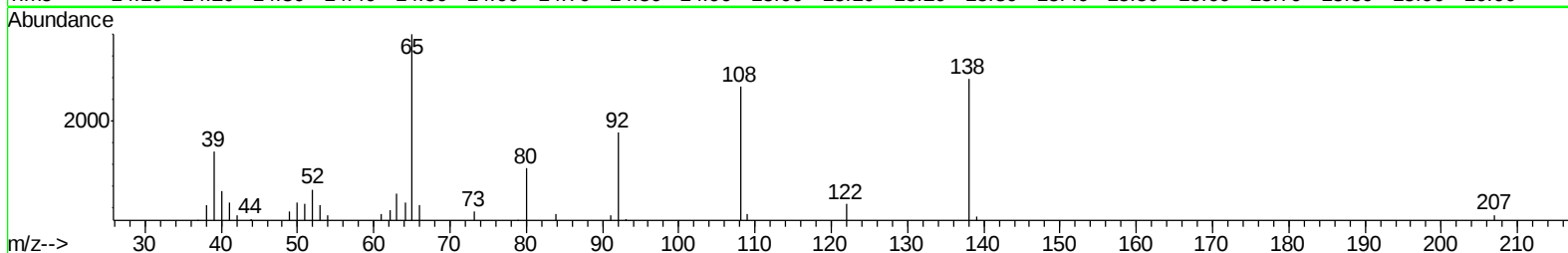
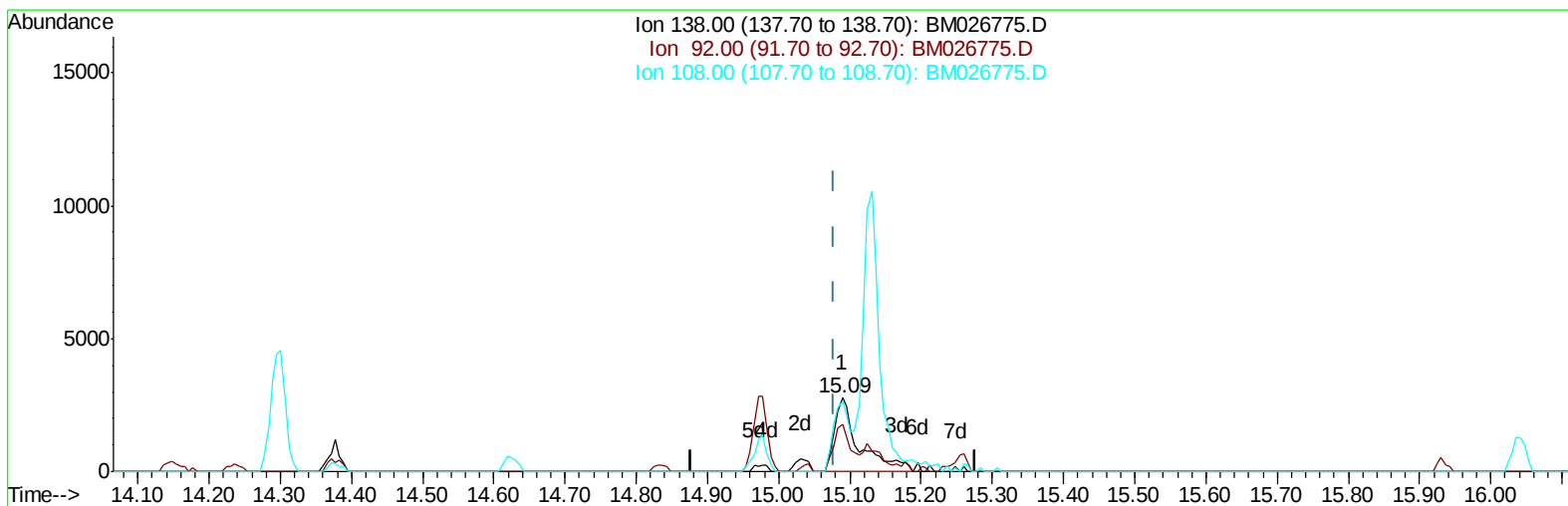
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations
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mohammad
7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:38:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration



TIC: BM026775.D

(61) 4-Nitroaniline

15.089min (+0.012) 2.87ng/ul m

response 6728

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	64.10
108.00	103.20	94.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026775.D
 Acq On : 15 Jul 2020 13:59
 Operator : JU/CG
 Sample : L1955-12
 Misc : MDL-WATER-05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-WATER-05

Manual Integrations
 APPROVED

mohammad
 7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:43:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	63692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	252879	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	154375	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	325348	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	336988	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	396289	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3546	1.67	ng/uL	0.00
5) Phenol-d5	6.52	99	162444	27.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	117041	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	126971	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	126543	27.12	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	60303	30.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	64758	30.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	119371	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	159864	36.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	379116	30.79	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	455824	30.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	43270	24.35	ng/ul	0.00
58) Fluorene-d10	14.98	176	316879	29.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55159	27.14	ng/ul	0.00
71) Anthracene-d10	16.82	188	487732	30.44	ng/ul	0.00
79) Pyrene-d10	19.14	212	558096	31.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	611982	28.61	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	2.94	88	3108	1.354	ng/uL	94
4) Benzaldehyde	6.48	77	8909	2.876	ng/ul	94
6) Phenol	6.54	94	22776	3.552	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.75	93	18876	3.866	ng/ul	97
10) 2-Chlorophenol	6.88	128	17939	3.631	ng/ul	99
11) 2-Methylphenol	7.78	108	15061	3.287	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.84	45	36678	3.872	ng/ul	99
14) Acetophenone	8.13	105	27346	3.460	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.12	70	15907	3.407	ng/ul#	87
16) 4-Methylphenol	8.10	108	17384	3.413	ng/ul	94
17) Hexachloroethane	8.35	117	8233	3.760	ng/ul	97
20) Nitrobenzene	8.50	77	24613	3.903	ng/ul	99
21) Isophorone	9.02	82	39006	3.679	ng/ul	99
23) 2-Nitrophenol	9.20	139	10078	4.085	ng/ul	97
24) 2,4-Dimethylphenol	9.28	107	19831	3.490	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	24056	3.816	ng/ul	98
27) 2,4-Dichlorophenol	9.74	162	16059	3.722	ng/ul	98
28) Naphthalene	10.11	128	55539	3.711	ng/ul	99
30) 4-Chloroaniline	10.24	127	21263	4.551	ng/ul	99
31) Hexachlorobutadiene	10.40	225	12371	3.956	ng/ul	94
32) Caprolactam	11.06	113	3562m	2.989	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	16200	3.299	ng/ul	98
34) 2-Methylnaphthalene	11.74	142	37899	3.614	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026775.D
 Acq On : 15 Jul 2020 13:59
 Operator : JU/CG
 Sample : L1955-12
 Misc : MDL-WATER-05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-WATER-05

Manual Integrations
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mohammad
 7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:43:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 10:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	11.96	142	37467	3.833	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	21968	3.915	ng/ul	94
38) Hexachlorocyclopentadiene	12.10	237	3372	1.178	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.40	196	11038	3.332	ng/ul	91
40) 2,4,5-Trichlorophenol	12.48	196	11912	3.288	ng/ul#	80
41) 1,1'-Biphenyl	12.79	154	49333	3.692	ng/ul#	93
42) 2-Chloronaphthalene	12.82	162	38954	3.704	ng/ul	99
43) 2-Nitroaniline	13.06	65	10849	3.068	ng/ul	93
45) Dimethylphthalate	13.45	163	50951	3.953	ng/ul	96
46) 2,6-Dinitrotoluene	13.57	165	7928	3.183	ng/ul	96
48) Acenaphthylene	13.68	152	59963	3.763	ng/ul	97
49) 3-Nitroaniline	13.91	138	6007	2.901	ng/ul	88
50) Acenaphthene	14.03	153	40942	3.635	ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	1512	1.168	ng/ul	92
53) 4-Nitrophenol	14.24	109	5808	3.175	ng/ul	84
54) Dibenzofuran	14.38	168	60409	3.780	ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	12769	3.447	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.62	232	10958	3.514	ng/ul#	83
57) Diethylphthalate	14.83	149	49620	3.830	ng/ul	99
59) Fluorene	15.03	166	48580	3.721	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	26213	3.862	ng/ul	95
61) 4-Nitroaniline	15.09	138	6728m	2.873	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	7955	3.695	ng/ul#	69
65) N-Nitrosodiphenylamine	15.26	169	40624	3.734	ng/ul	96
66) 4-Bromophenyl-phenylether	15.94	248	15433	3.935	ng/ul	89
67) Hexachlorobenzene	16.04	284	17180	3.844	ng/ul	98
68) Atrazine	16.23	200	13584	3.833	ng/ul	92
69) Pentachlorophenol	16.41	266	5567	2.526	ng/ul	93
70) Phenanthrene	16.77	178	77233	3.812	ng/ul	98
72) Anthracene	16.86	178	78518	3.841	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	21415	3.818	ng/uL	95
74) Pentachlorobenzene	14.30	250	21093	3.926	ng/uL	91
75) Carbazole	17.15	167	58502	3.574	ng/ul	99
76) Di-n-butylphthalate	17.73	149	74347	3.754	ng/ul	99
77) Fluoranthene	18.81	202	87002	4.151	ng/ul	98
80) Pvrene	19.17	202	96736	4.051	ng/ul	98
81) Butylbenzylphthalate	20.11	149	32590	3.847	ng/ul	93
82) 3,3'-Dichlorobenzidine	20.89	252	20830	3.067	ng/ul	98
83) Benzo(a)anthracene	20.94	228	95062	4.098	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.91	149	46114	3.655	ng/ul	97
85) Chrysene	20.99	228	95472	4.149	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	81540	3.339	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	95031	3.530	ng/ul	96
89) Benzo(k)fluoranthene	22.46	252	98400	3.688	ng/ul	98
91) Benzo(a)pyrene	22.93	252	97360	4.077	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	110381	3.542	ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	93560	3.563	ng/ul	98
94) Benzo(a,h,i)perylene	25.62	276	94628	3.640	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026775.D
Acq On : 15 Jul 2020 13:59
Operator : JU/CG
Sample : L1955-12
Misc : MDL-WATER-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-05

Manual Integrations
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mohammad
7/16/2020 11:05:35 AM

Quant Time: Jul 15 14:43:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

