

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022737.D
 Acq On : 20 Sep 2019 22:08
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-MDL-W-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations
 APPROVED

mohammad
 9/24/2019 8:35:01 AM

Quant Time: Sep 21 02:32:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	203474	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	824163	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	480248	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	937504	20.00	ng	0.00
76) Chrysene-d12	21.37	240	873612	20.00	ng	-0.01
87) Perylene-d12	23.64	264	888312	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1211880	94.46	ng	0.00
7) Phenol-d6	6.99	99	1562277	94.81	ng	0.00
23) Nitrobenzene-d5	8.97	82	1148288	77.34	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	568170	94.77	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2691569	77.18	ng	0.00
79) Terphenyl-d14	19.82	244	3633971	80.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	43263	8.380	ng	# 100
3) Pyridine	3.73	79	93809	6.894	ng	95
4) n-Nitrosodimethylamine	3.63	42	37757	7.622	ng	# 91
6) Aniline	7.15	93	153130	7.750	ng	99
8) 2-Chlorophenol	7.39	128	105866	8.099	ng	98
9) Benzaldehyde	6.96	77	91094	9.709	ng	99
10) Phenol	7.01	94	125657	8.100	ng	95
11) bis(2-Chloroethyl)ether	7.25	93	97016	7.960	ng	99
12) 1,3-Dichlorobenzene	7.72	146	119510	7.650	ng	99
13) 1,4-Dichlorobenzene	7.86	146	121154	7.660	ng	99
14) 1,2-Dichlorobenzene	8.17	146	115380	7.652	ng	99
15) Benzyl Alcohol	8.06	79	78457	7.609	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	142389	8.042	ng	99
17) 2-Methylphenol	8.26	107	76902	7.489	ng	99
18) Hexachloroethane	8.90	117	43792	7.549	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	73846	8.025	ng	99
20) 3+4-Methylphenols	8.59	107	102653	7.506	ng	100
22) Acetophenone	8.65	105	153590	7.550	ng	# 99
24) Nitrobenzene	9.02	77	118163	8.318	ng	98
25) Isophorone	9.55	82	185223	7.587	ng	99
26) 2-Nitrophenol	9.73	139	38116	6.215	ng	96
27) 2,4-Dimethylphenol	9.79	122	76777	7.478	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	127950	7.574	ng	99
29) 2,4-Dichlorophenol	10.26	162	82132	7.076	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	106221	7.438	ng	98
31) Naphthalene	10.66	128	324287	7.963	ng	99
32) Benzoic acid	9.86	122	28307m	4.284	ng	
33) 4-Chloroaniline	10.77	127	131593	7.443	ng	98
34) Hexachlorobutadiene	10.96	225	60769	7.138	ng	99
35) Caprolactam	11.55	113	20806m	6.046	ng	
36) 4-Chloro-3-methylphenol	11.89	107	81627	7.208	ng	99
37) 2-Methylnaphthalene	12.28	142	224037	7.904	ng	99
38) 1-Methylnaphthalene	12.50	142	211165	7.848	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	111553	6.855	ng	99

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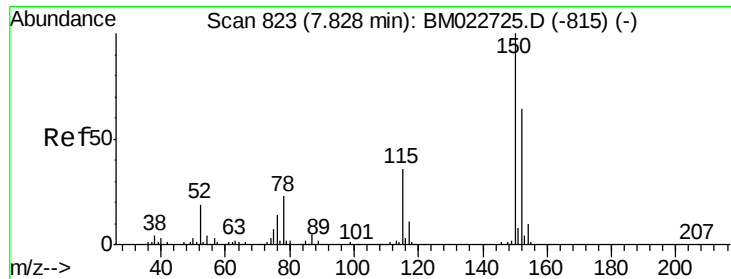
Manual Integrations
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 9/24/2019 8:35:01 AM

Quant Time: Sep 21 02:32:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
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 QLast Update : Sat Sep 21 02:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	61907	6.973	nq	98
43) 2,4,6-Trichlorophenol	12.89	196	60210	6.411	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	68280	6.976	nq	100
46) 1,1'-Biphenyl	13.29	154	287671	7.238	nq	99
47) 2-Chloronaphthalene	13.33	162	222925	7.525	nq	99
48) 2-Nitroaniline	13.53	65	47166	6.114	nq	94
49) Acenaphthylene	14.17	152	328185	7.481	nq	100
50) Dimethylphthalate	13.91	163	257452	7.418	nq	99
51) 2,6-Dinitrotoluene	14.02	165	49368	6.800	nq	91
52) Acenaphthene	14.52	154	215333	7.503	nq	99
53) 3-Nitroaniline	14.35	138	50044	5.988	nq	# 97
54) 2,4-Dinitrophenol	14.56	184	15986	4.664	nq	96
55) Dibenzofuran	14.86	168	334647	7.987	nq	99
56) 4-Nitrophenol	14.65	139	38024	5.919	nq	94
57) 2,4-Dinitrotoluene	14.81	165	57473	6.043	nq	91
58) Fluorene	15.50	166	261634	7.684	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	55621	6.516	nq	98
60) Diethylphthalate	15.27	149	242292	7.180	nq	98
61) 4-Chlorophenyl-phenylether	15.50	204	131722	7.529	nq	97
62) 4-Nitroaniline	15.51	138	52479	5.989	nq	96
63) Azobenzene	15.79	77	228579	7.501	nq	96
65) 4,6-Dinitro-2-methylphenol	15.57	198	24369	5.550	nq	95
66) n-Nitrosodiphenylamine	15.71	169	218624	7.633	nq	100
67) 4-Bromophenyl-phenylether	16.39	248	73313	7.031	nq	97
68) Hexachlorobenzene	16.51	284	87388	7.186	nq	99
69) Atrazine	16.66	200	61006	6.552	nq	99
70) Pentachlorophenol	16.84	266	36764	5.669	nq	99
71) Phenanthrene	17.23	178	409123	7.734	nq	99
72) Anthracene	17.33	178	379368	7.400	nq	99
73) Carbazole	17.59	167	348185	7.298	nq	99
74) Di-n-butylphthalate	18.16	149	336869	6.227	nq	100
75) Fluoranthene	19.25	202	422643	7.080	nq	98
77) Benzidine	19.43	184	156919	6.548	nq	99
78) Pyrene	19.61	202	444671	7.767	nq	100
80) Butylbenzylphthalate	20.51	149	126078	5.794	nq	93
81) Benzo(a)anthracene	21.36	228	418310	7.388	nq	99
82) 3,3'-Dichlorobenzidine	21.29	252	133382	6.643	nq	98
83) Chrysene	21.40	228	419839	7.648	nq	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	187975	5.831	nq	99
85) Di-n-octyl phthalate	22.18	149	277935	5.409	nq	97
86) Indeno(1,2,3-cd)pyrene	25.94	276	440902	6.730	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	404433	7.519	nq	99
89) Benzo(k)fluoranthene	23.00	252	396749	7.434	nq	99
90) Benzo(a)pyrene	23.54	252	368671	7.439	nq	99
91) Dibenzo(a,h)anthracene	25.96	278	373362	7.202	nq	99
92) Benzo(g,h,i)perylene	26.65	276	359140	7.294	nq	99

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



#1

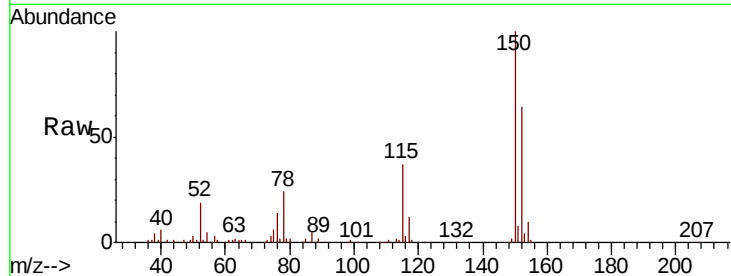
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.5	186.7
115	58.2	45.0	67.4

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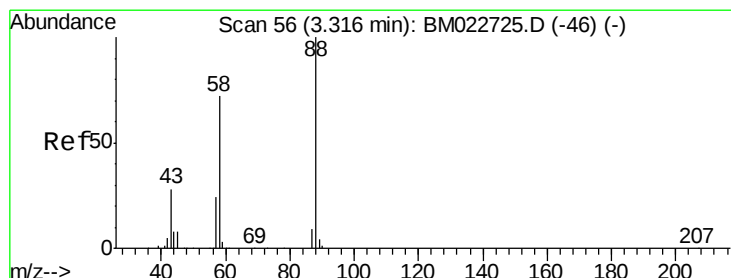
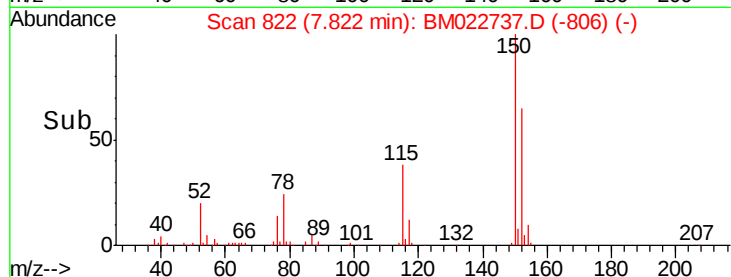
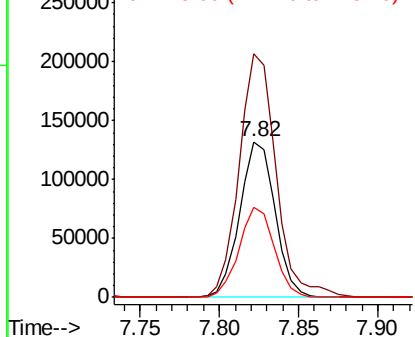


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

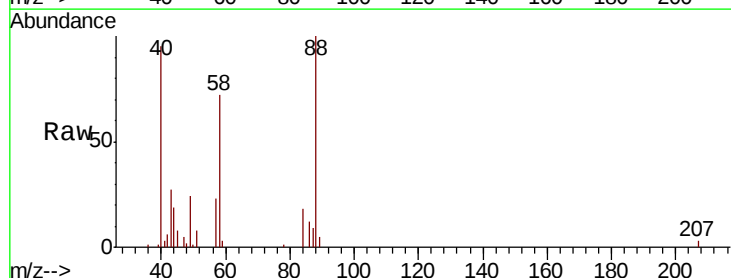
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.380 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	0.0	0.0#
43	28.9	0.0	0.0#

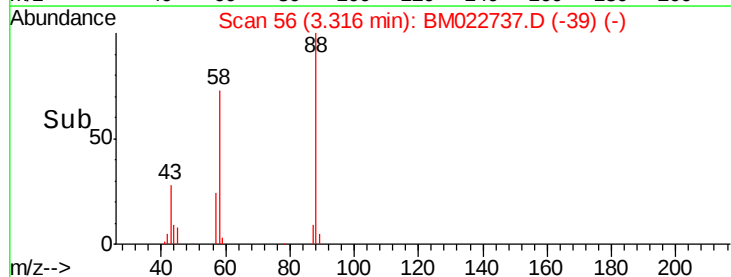
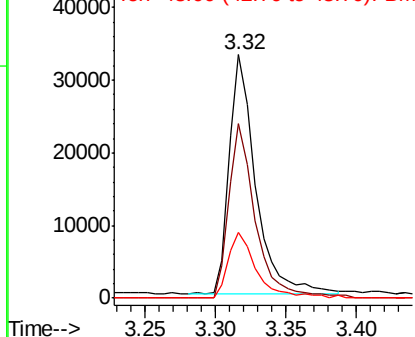


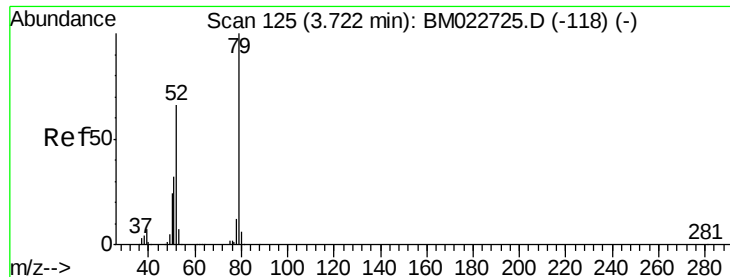
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 6.894 ng

RT: 3.73 min Scan# 127

Delta R.T. 0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

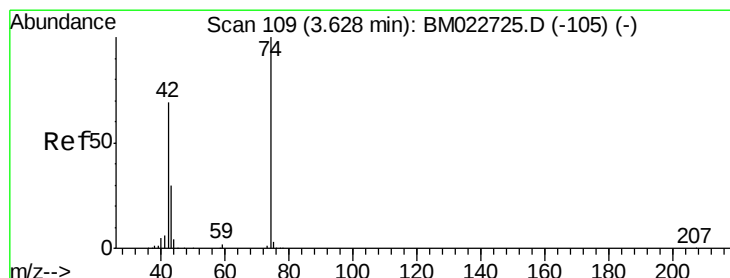
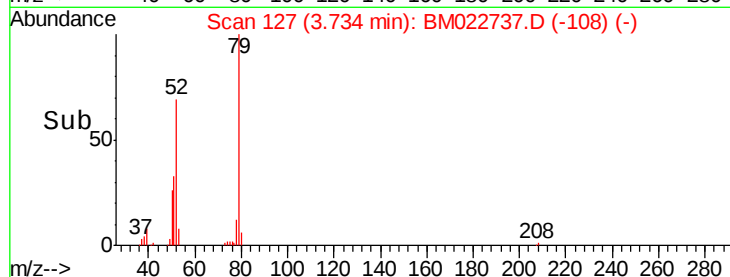
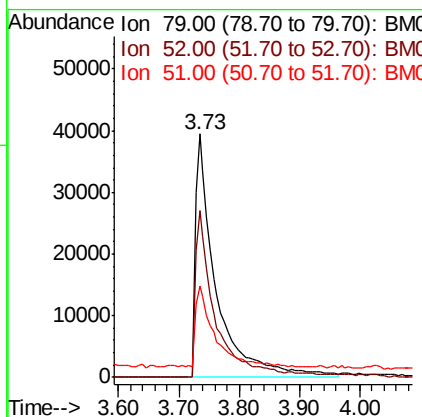
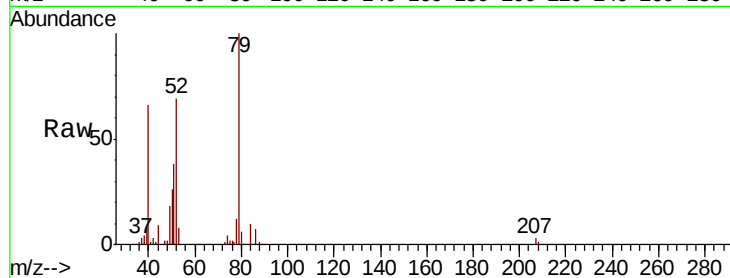
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	79	Resp:	93809
Ion Ratio	Lower	Upper	
79	100		
52	68.5	52.4	78.6
51	37.6	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 7.622 ng

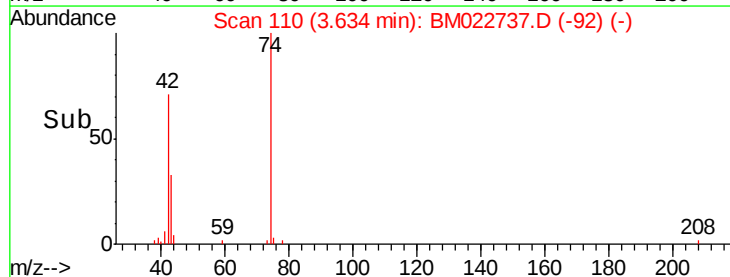
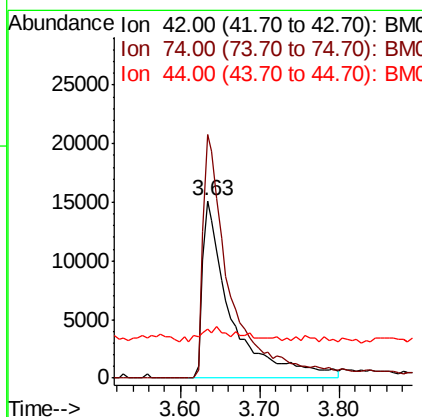
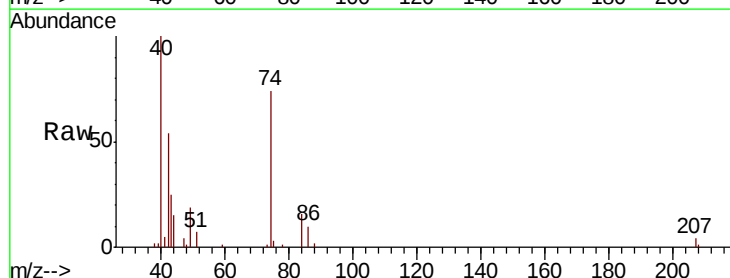
RT: 3.63 min Scan# 110

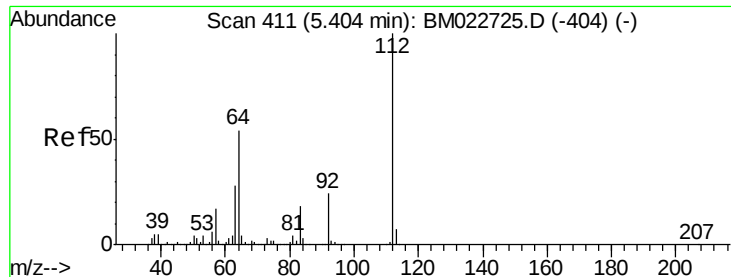
Delta R.T. 0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	42	Resp:	37757
Ion Ratio	Lower	Upper	
42	100		
74	137.3	116.6	175.0
44	27.9	8.2	12.4#





#5

2-Fluorophenol

Concen: 94.459 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

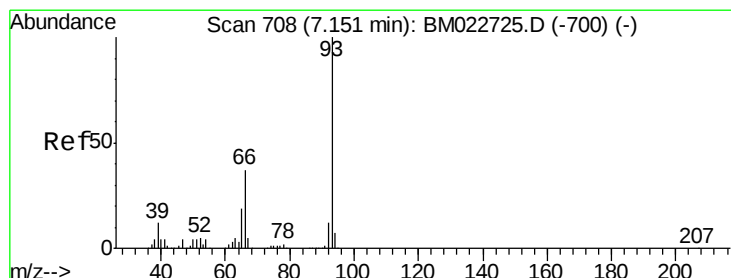
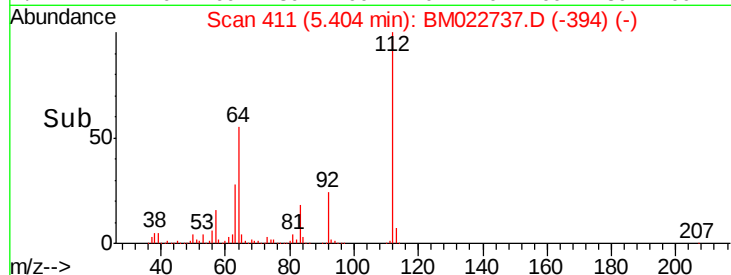
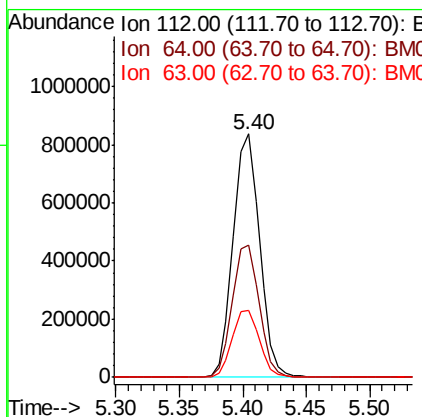
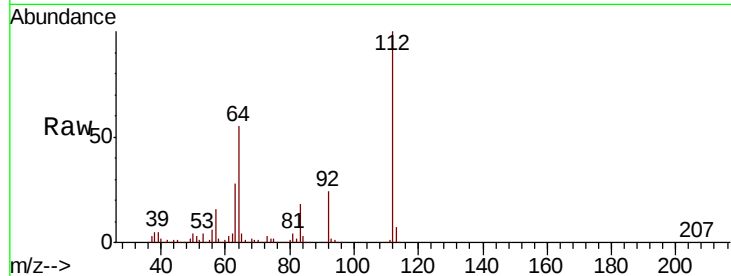
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	112	Resp:	1211880
Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.4	65.2
63	27.6	22.1	33.1

Manual Integrations
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#6

Aniline

Concen: 7.750 ng

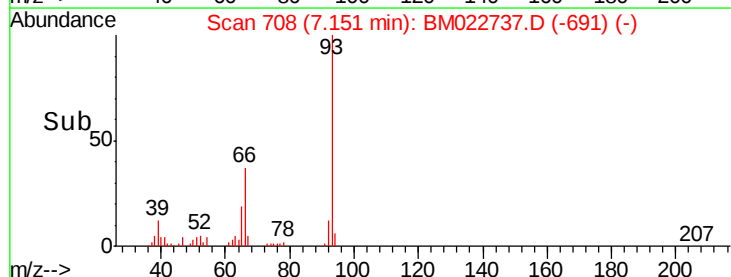
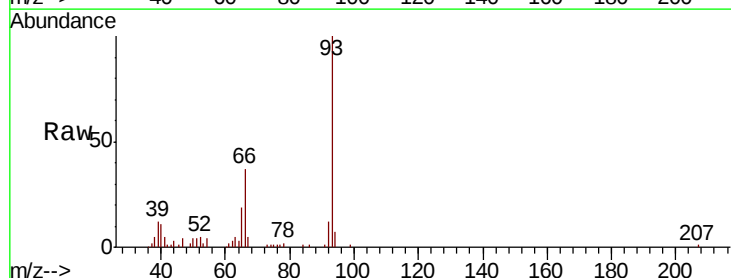
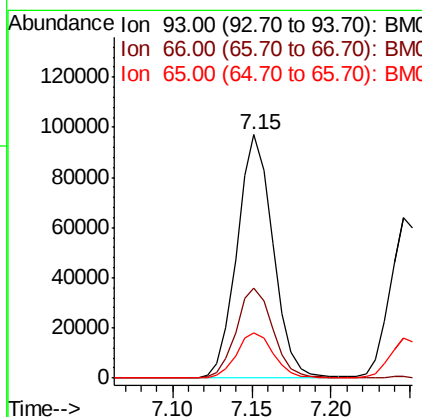
RT: 7.15 min Scan# 708

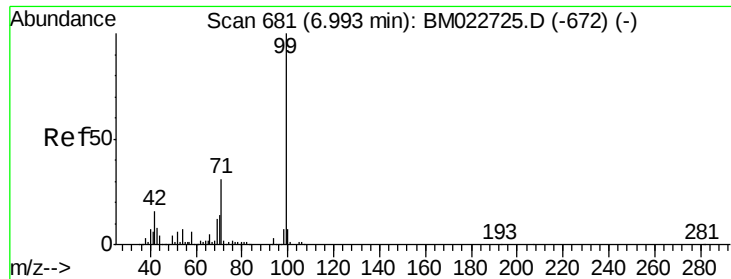
Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	93	Resp:	153130
Ion	Ratio	Lower	Upper
93	100		
66	36.9	29.3	43.9
65	18.7	15.3	22.9





#7

Phenol-d6

Concen: 94.808 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

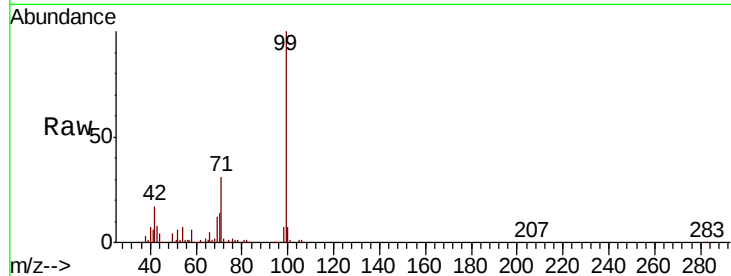
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	99	Resp:	1562277
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	30.9	24.7	37.1

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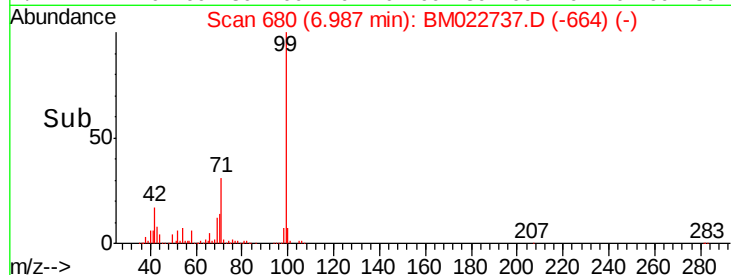


Abundance Ion 99.00 (98.70 to 99.70): BM022725.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022725.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022725.D (-672) (-)

Time-->

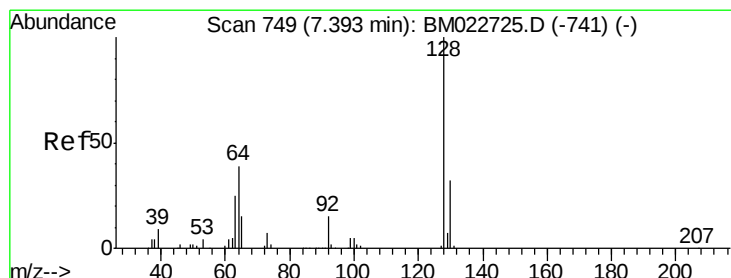


Abundance Ion 99.00 (98.70 to 99.70): BM022737.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022737.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022737.D (-664) (-)

Time-->



#8

2-Chlorophenol

Concen: 8.099 ng

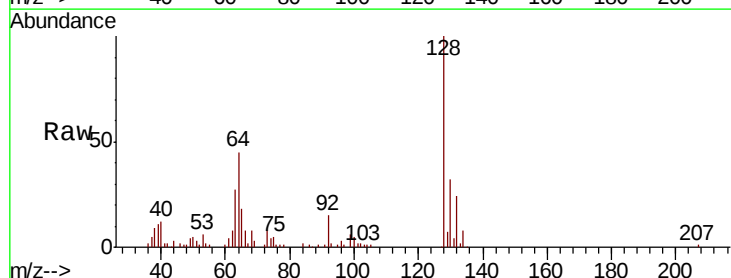
RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	128	Resp:	105866
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.1	52.1
64	45.1	22.9	62.9

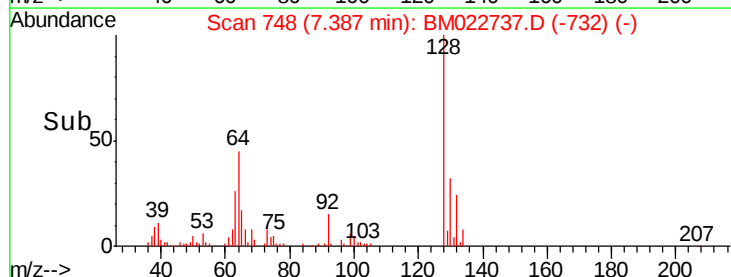


Abundance Ion 128.00 (127.70 to 128.70): BM022725.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM022725.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM022725.D (-741) (-)

Time-->

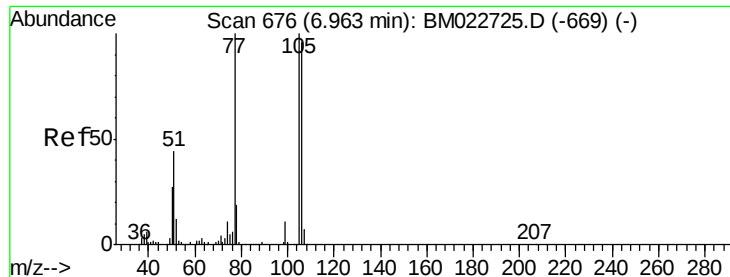


Abundance Ion 128.00 (127.70 to 128.70): BM022737.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022737.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022737.D (-732) (-)

Time-->



#9

Benzaldehyde

Concen: 9.709 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 77 Resp: 91094

Ion Ratio Lower Upper

77 100

105 100.6 79.6 119.6

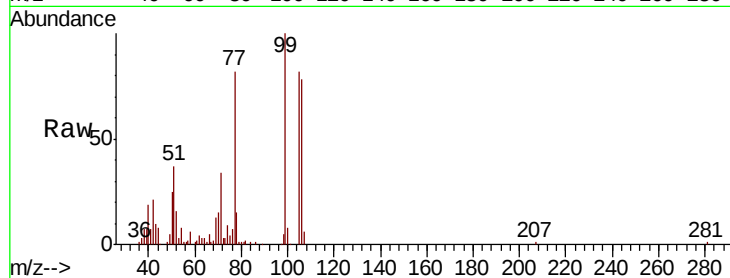
106 95.3 76.3 116.3

Manual Integrations

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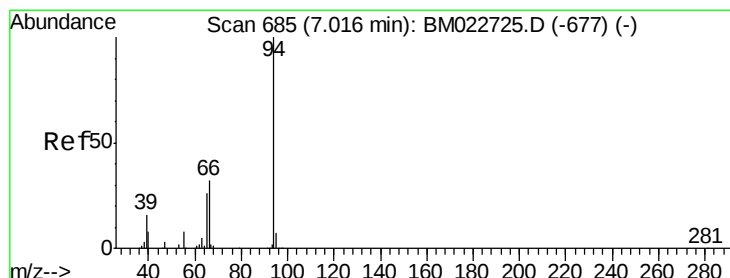
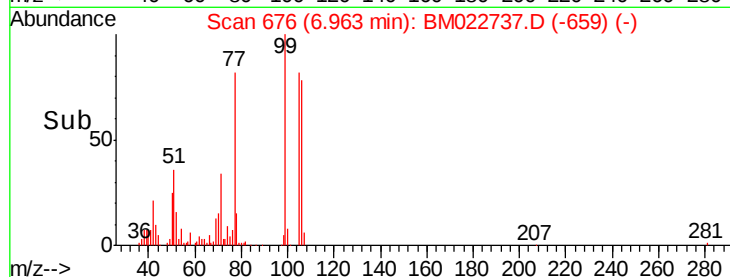
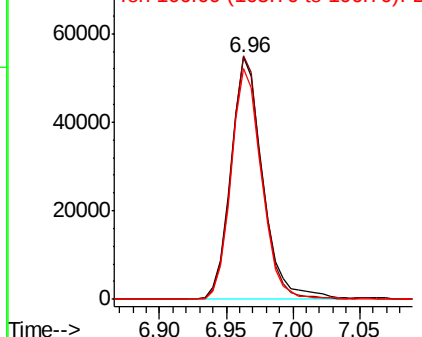
9/24/2019 8:35:01 AM



Abundance Ion 77.00 (76.70 to 77.70): BM022737.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM022737.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM022737.D (-659) (-)



#10

Phenol

Concen: 8.100 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

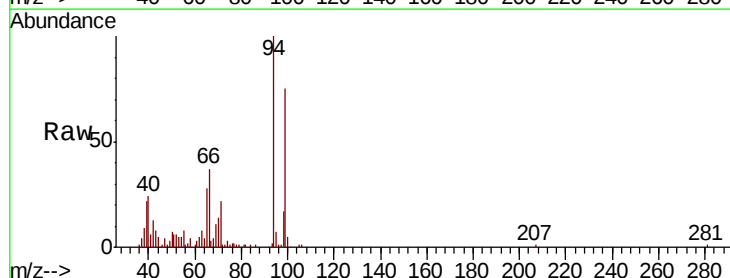
Tgt Ion: 94 Resp: 125657

Ion Ratio Lower Upper

94 100

65 28.1 6.7 46.7

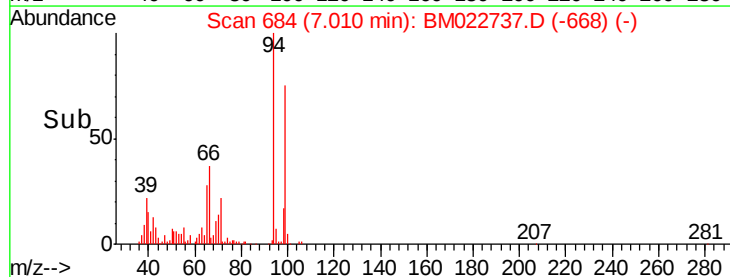
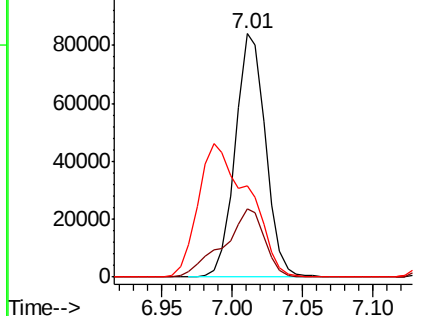
66 37.5 13.8 53.8

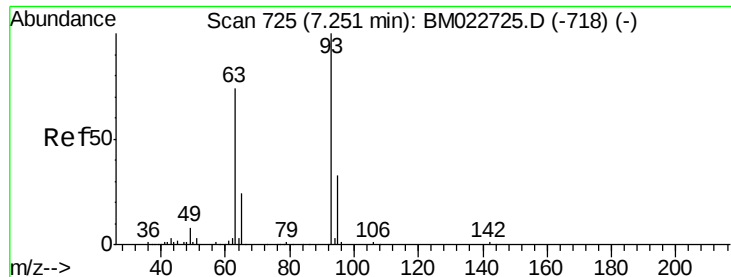


Abundance Ion 94.00 (93.70 to 94.70): BM022737.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM022737.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM022737.D (-668) (-)





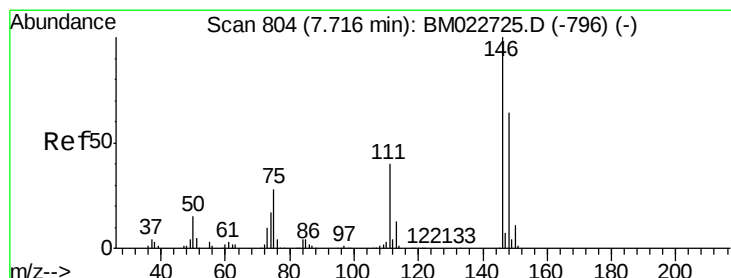
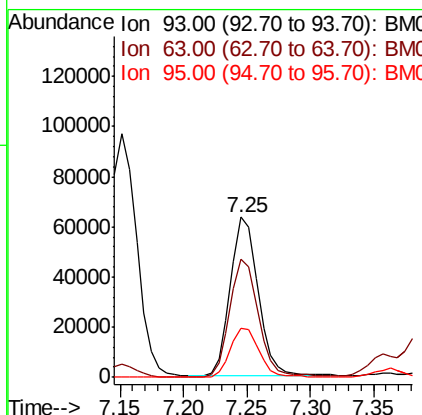
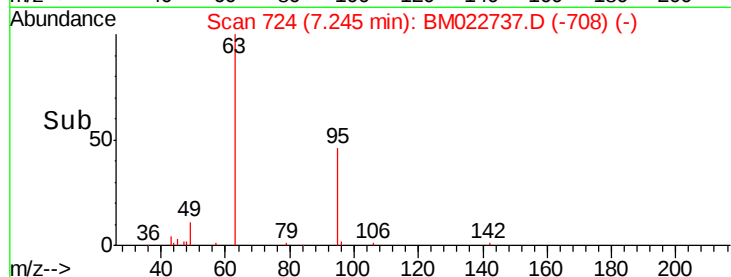
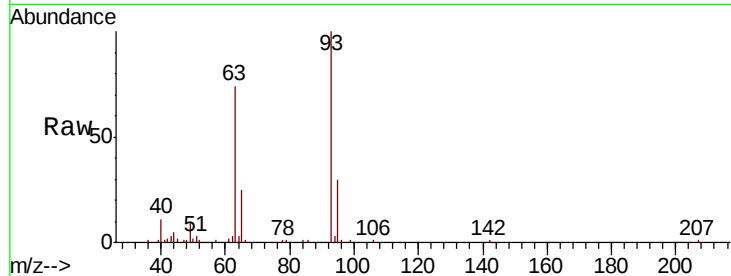
#11
bis(2-Chloroethyl)ether
Concen: 7.960 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	93	Resp:	97016
Ion	Ratio	Lower	Upper
93	100		
63	73.8	53.8	93.8
95	30.5	12.7	52.7

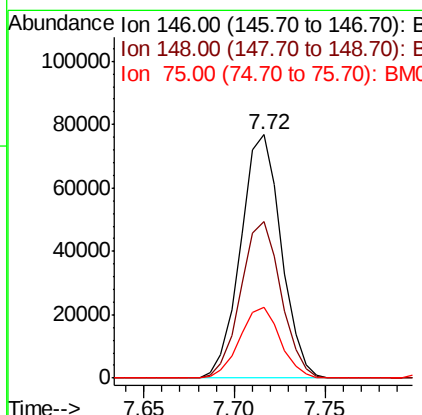
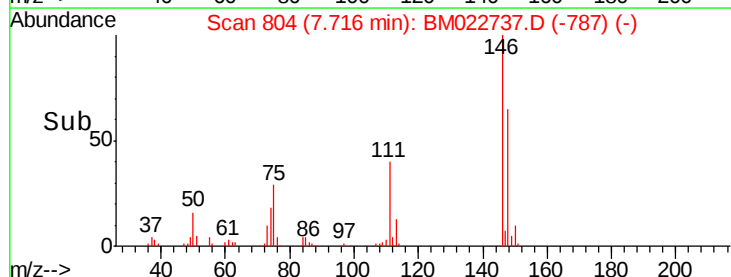
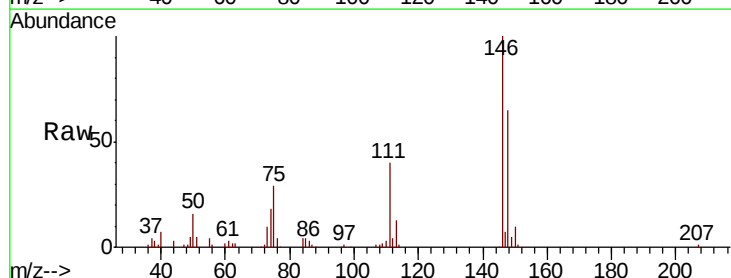
Manual Integrations
APPROVED

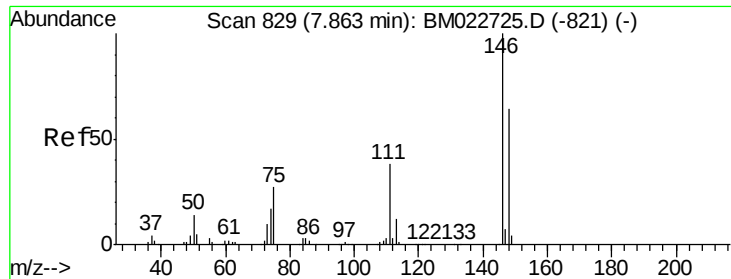
mohammad
9/24/2019 8:35:01 AM



#12
1,3-Dichlorobenzene
Concen: 7.650 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:	146	Resp:	119510
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	28.9	22.5	33.7





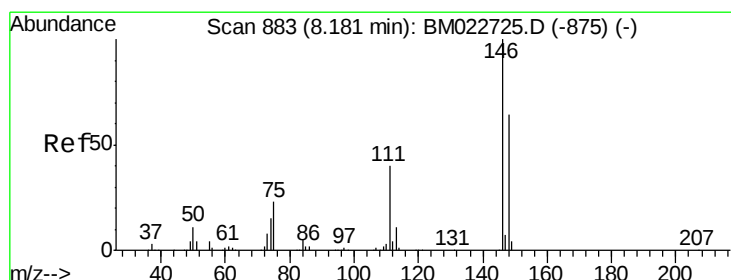
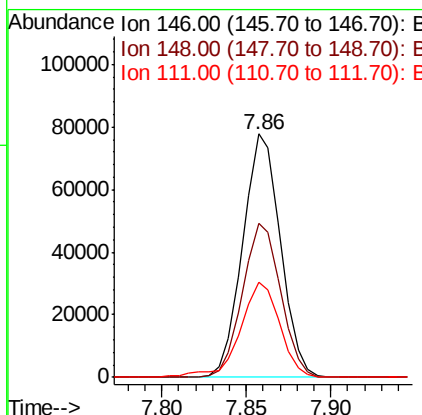
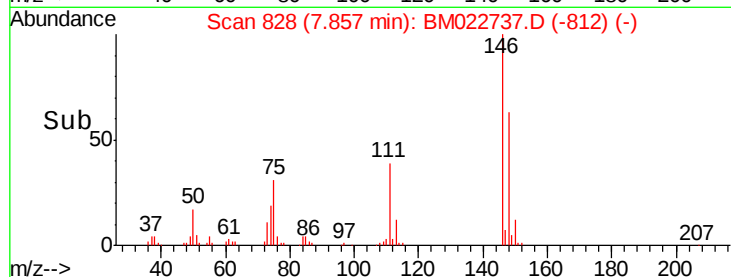
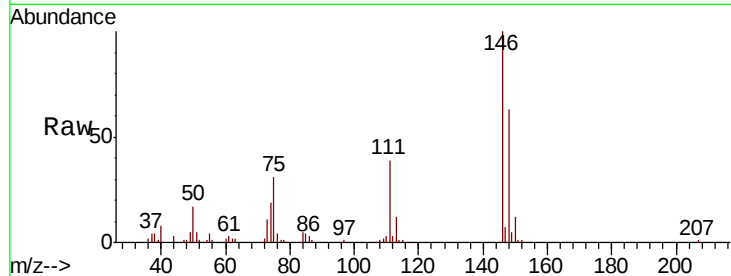
#13
 1,4-Dichlorobenzene
 Concen: 7.660 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
146	100	121154		
148	63.2		51.4	77.0
111	38.9		30.9	46.3

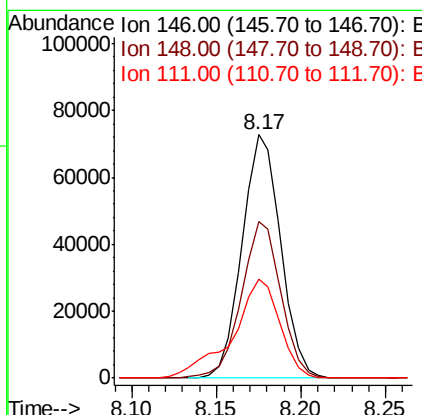
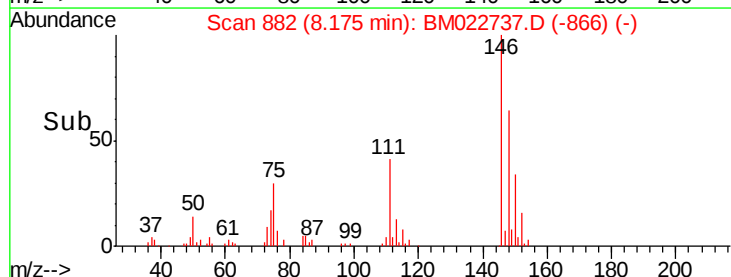
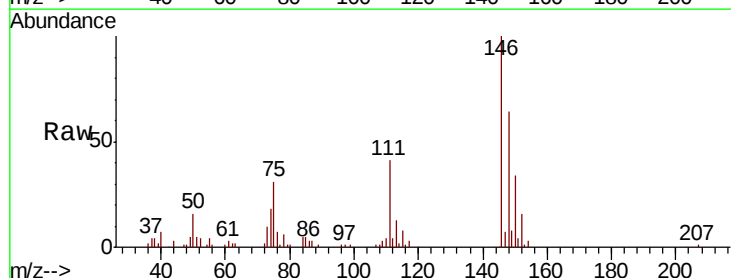
Manual Integrations
 APPROVED

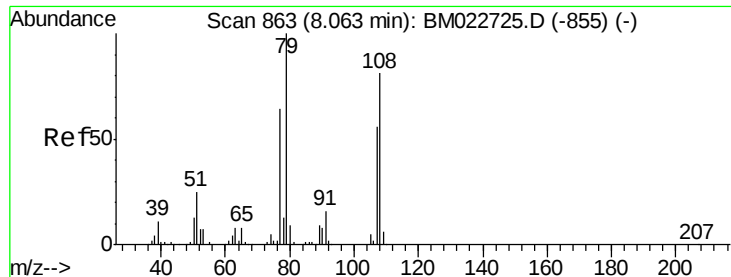
mohammad
 9/24/2019 8:35:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 7.652 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115380		
148	64.4		51.3	76.9
111	40.9		32.3	48.5





#15

Benzyl Alcohol

Concen: 7.609 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

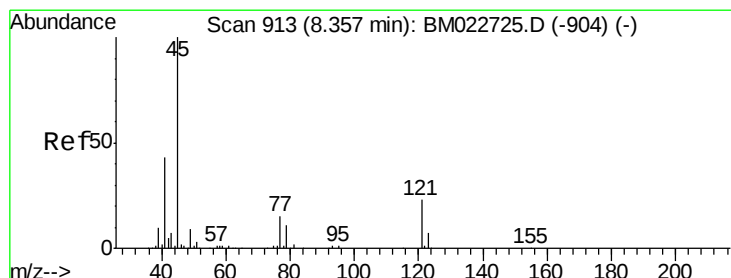
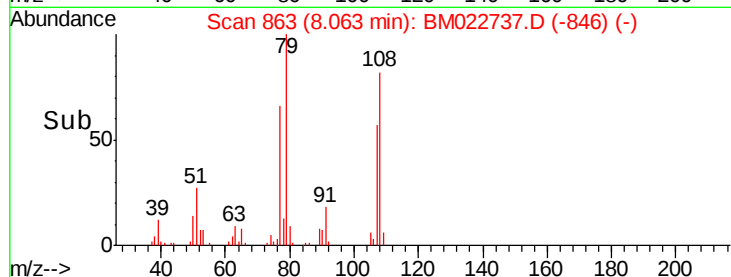
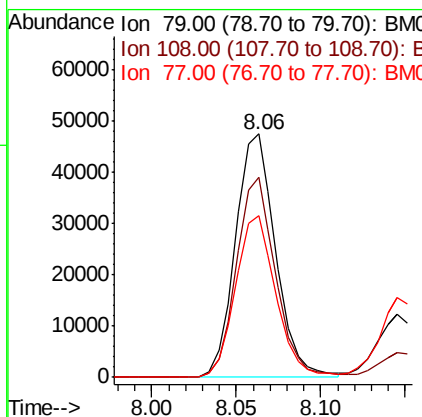
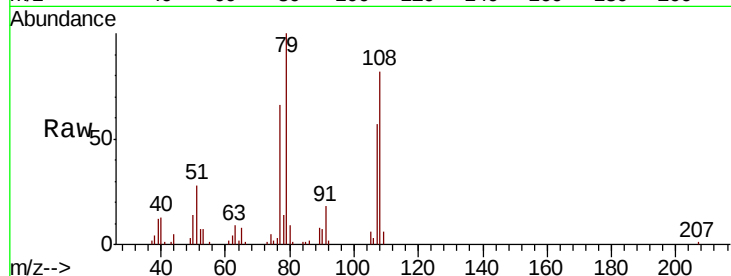
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	79	Resp:	78457
Ion Ratio	Lower	Upper	
79	100		
108	82.2	64.9	97.3
77	66.2	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.042 ng

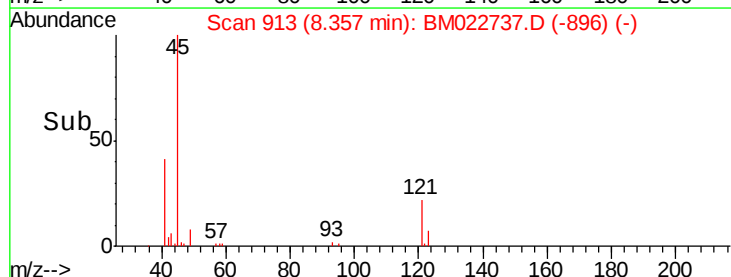
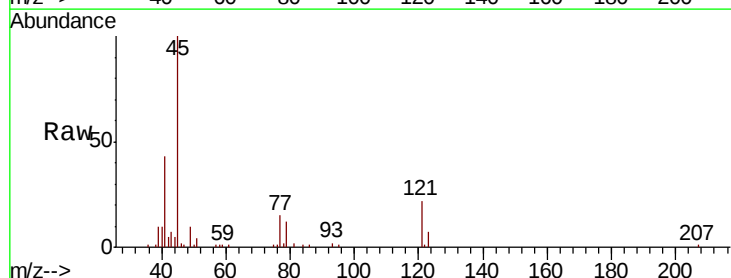
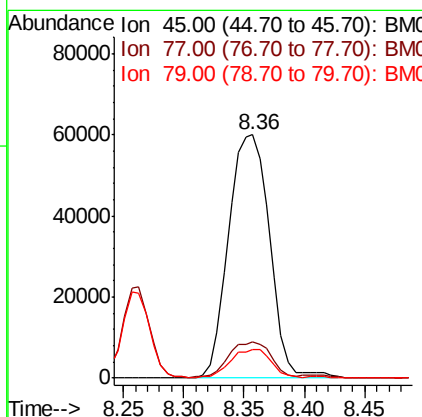
RT: 8.36 min Scan# 913

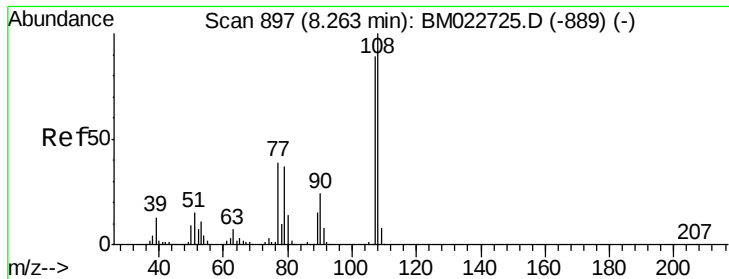
Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	45	Resp:	142389
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.1
79	11.7	0.0	31.4





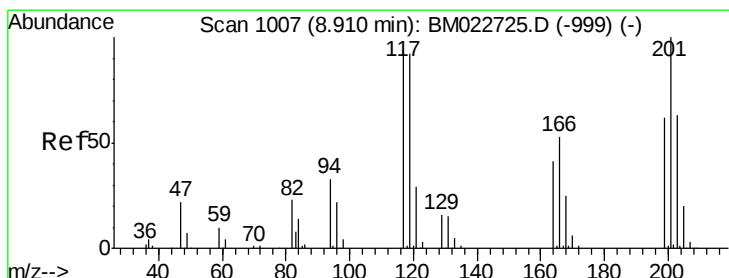
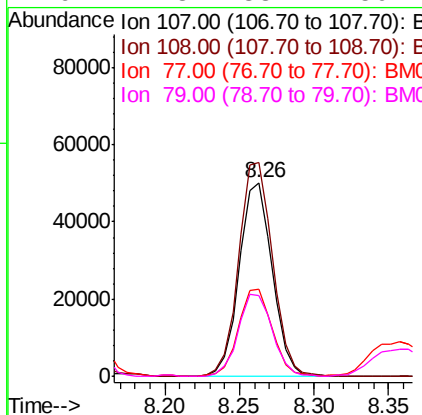
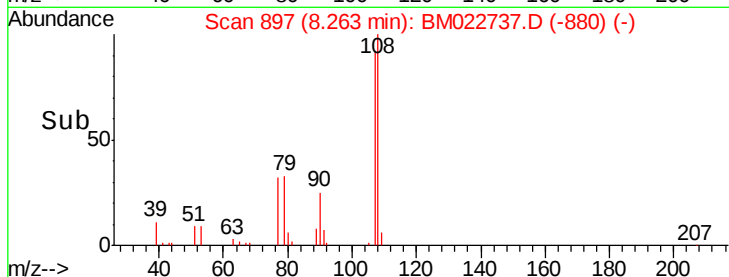
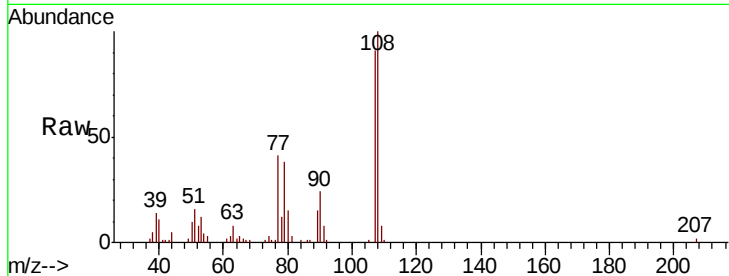
#17
2-Methylphenol
Concen: 7.489 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	90.0	135.0	
77	45.0	35.2	52.8	
79	41.8	33.4	50.2	

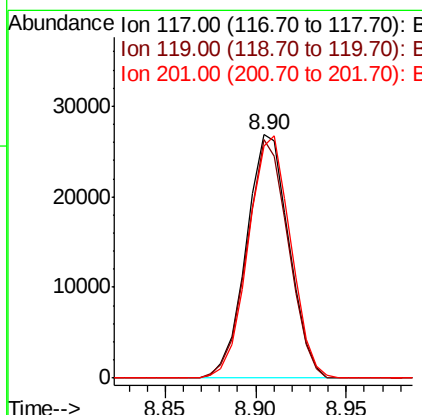
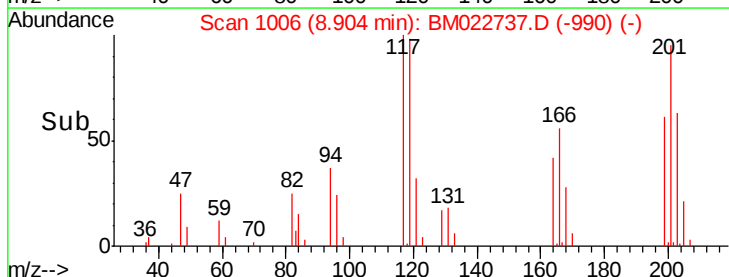
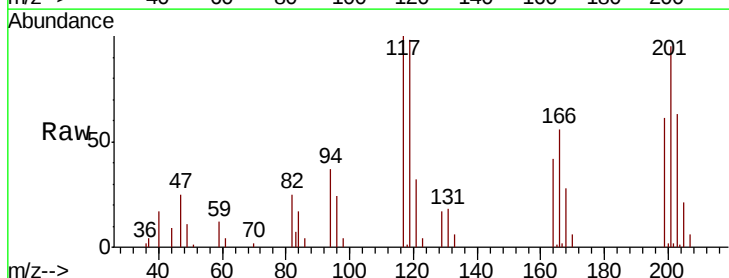
Manual Integrations
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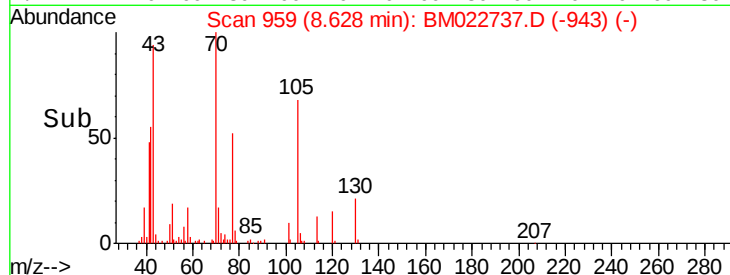
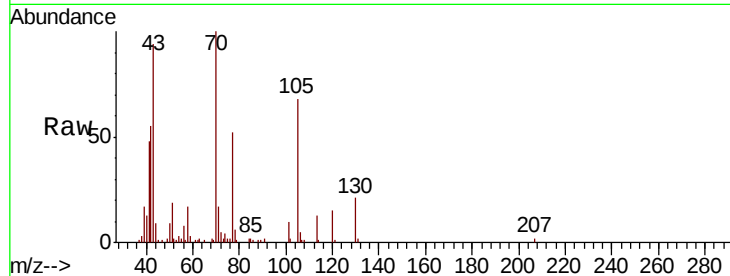
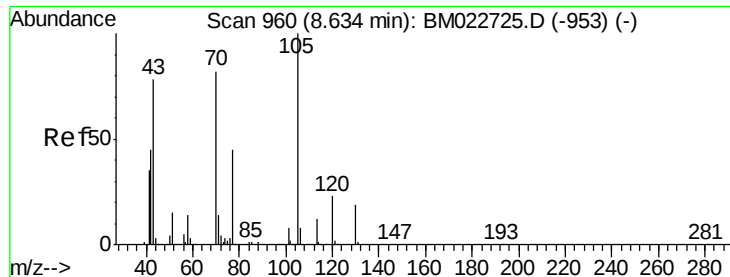
mohammad
9/24/2019 8:35:01 AM



#18
Hexachloroethane
Concen: 7.549 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	78.0	117.0	
201	95.4	85.0	127.6	





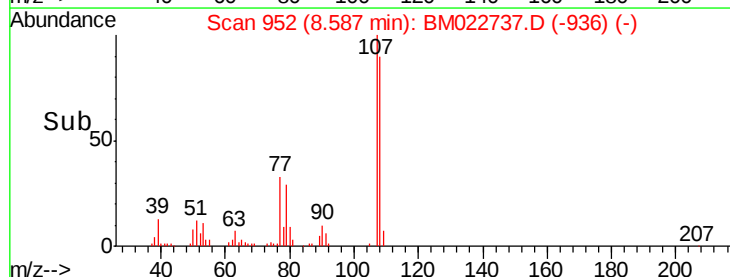
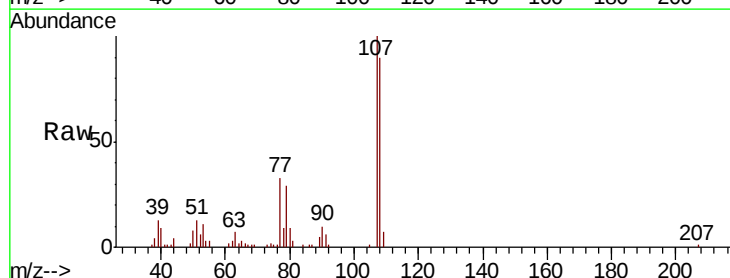
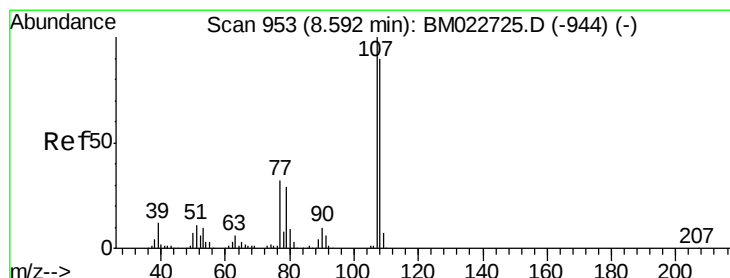
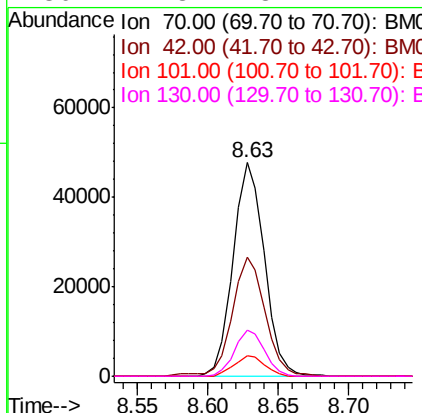
#19
n-Nitroso-di-n-propylamine
Concen: 8.025 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.5	44.4	66.6		
101	9.5	7.8	11.6		
130	21.3	18.2	27.4		

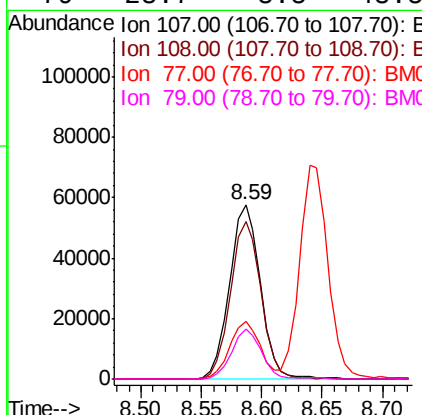
Manual Integrations
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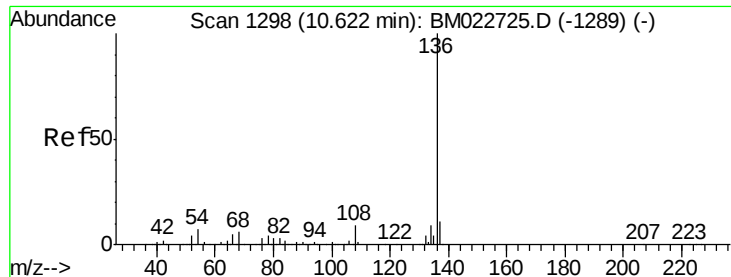
mohammad
9/24/2019 8:35:01 AM



#20
3+4-Methylphenols
Concen: 7.506 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.2	70.1	110.1		
77	32.8	12.1	52.1		
79	28.7	8.5	48.5		





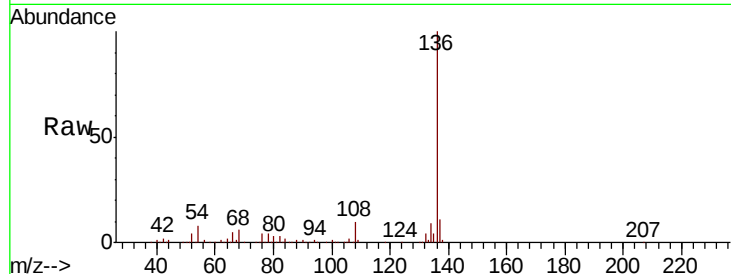
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	824163		
137	11.0	8.6	13.0	
54	7.9	6.0	9.0	
68	6.2	4.9	7.3	

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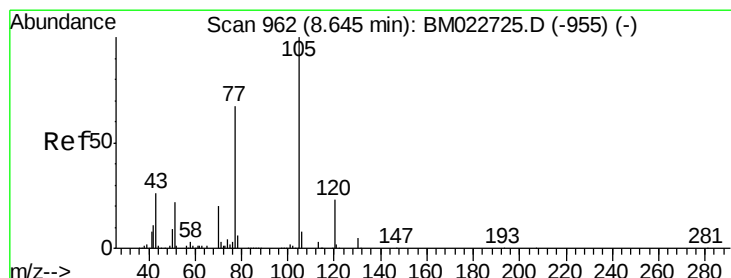
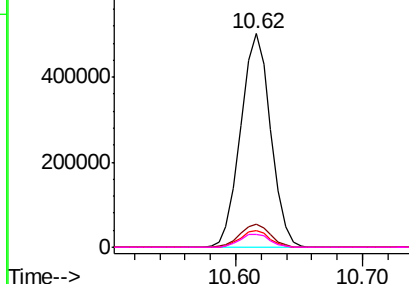
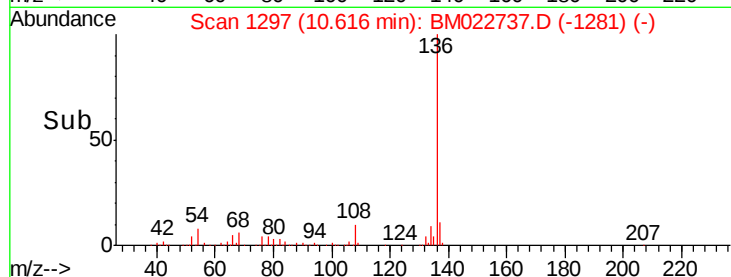
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

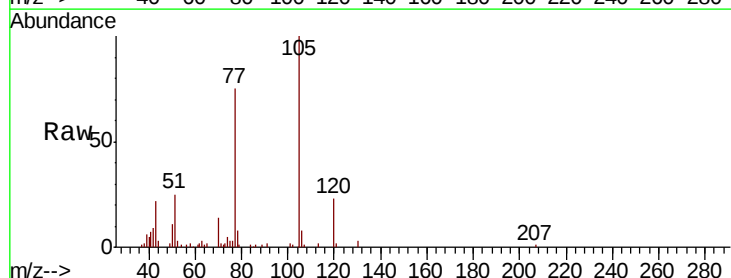
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 7.550 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	153590		
71	2.4	2.7	4.1#	
51	25.4	19.9	29.9	
120	22.7	18.3	27.5	



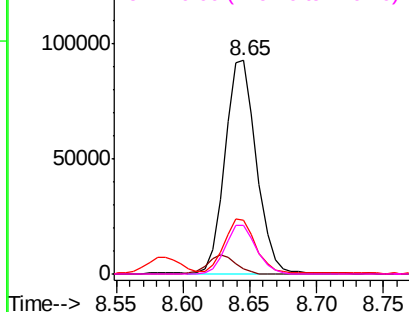
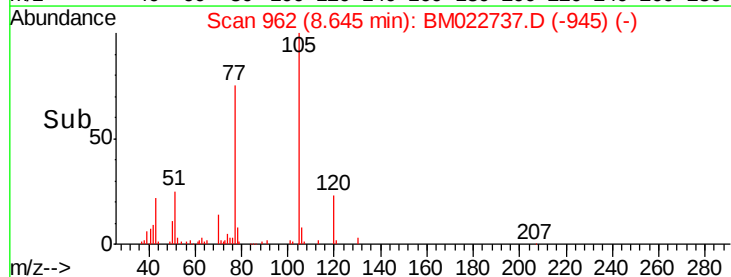
Abundance

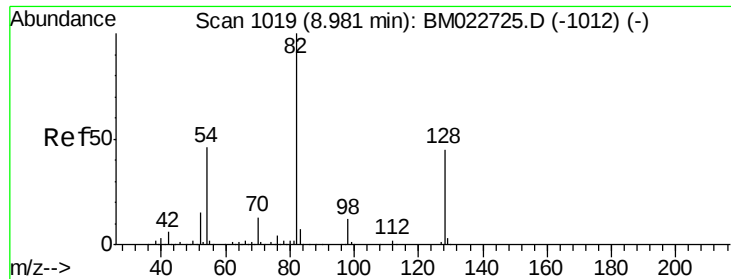
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





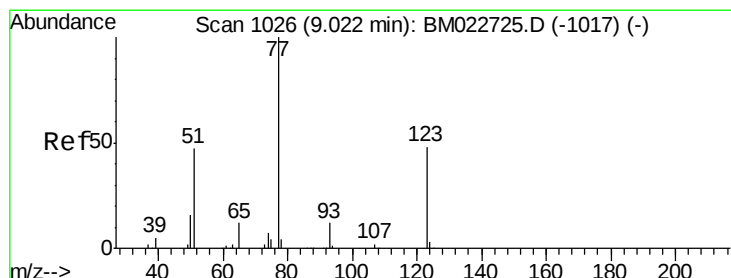
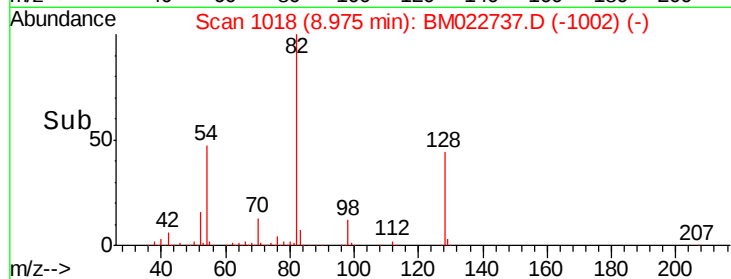
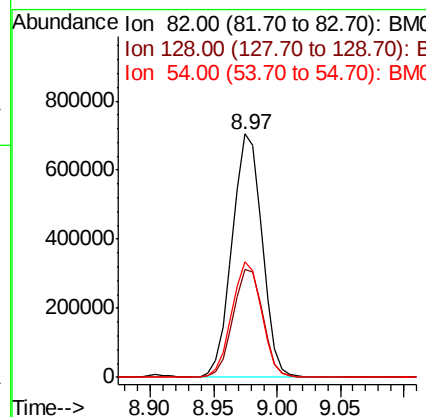
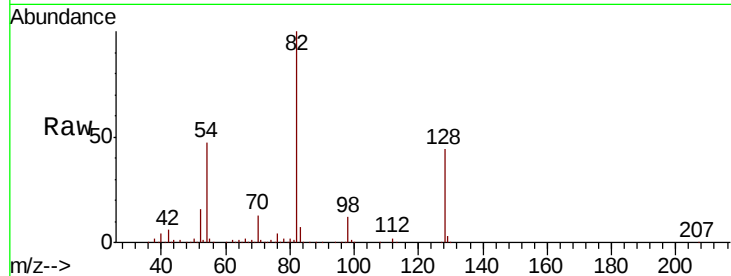
#23
Nitrobenzene-d5
Concen: 77.341 ng
RT: 8.97 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.0	54.0
54	47.2	37.1	55.7

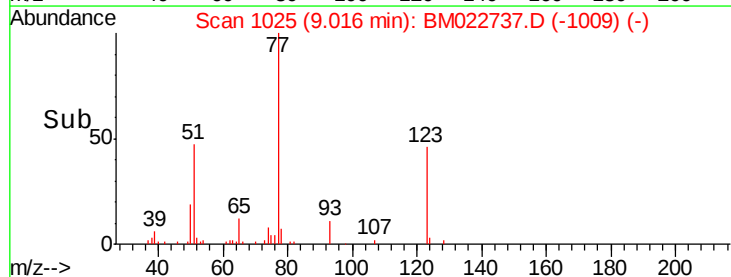
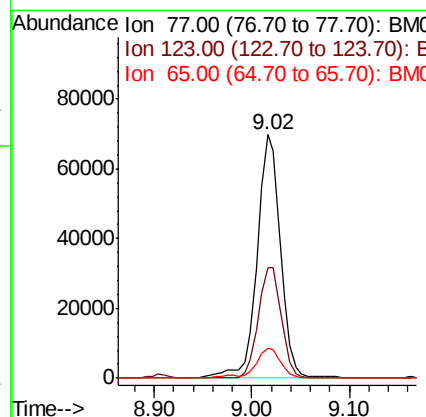
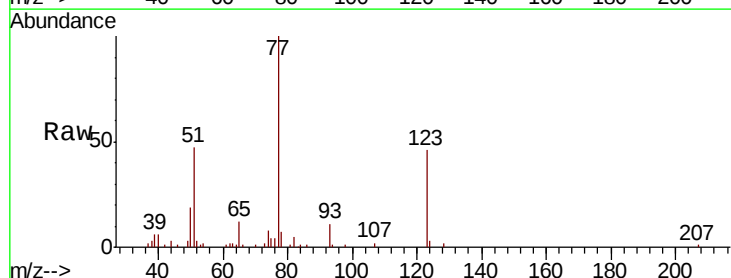
Manual Integrations
APPROVED

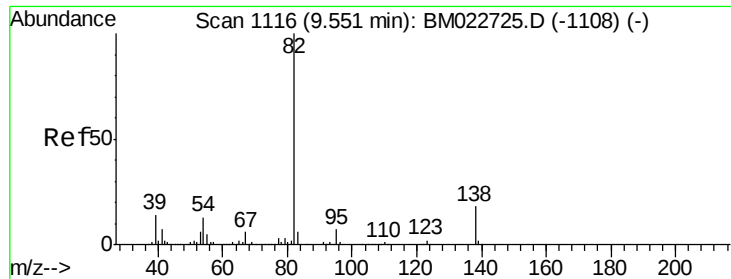
mohammad
9/24/2019 8:35:01 AM



#24
Nitrobenzene
Concen: 8.318 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	38.0	57.0
65	12.3	10.0	15.0





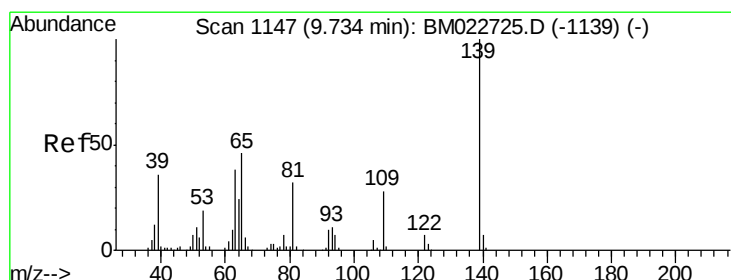
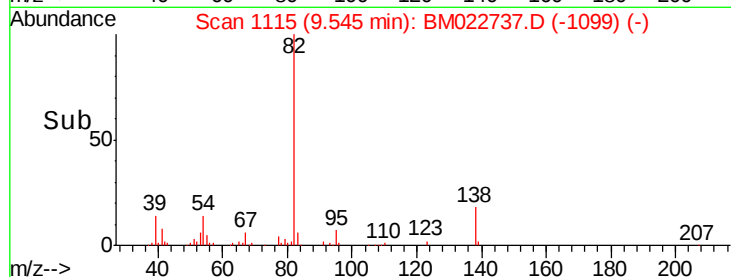
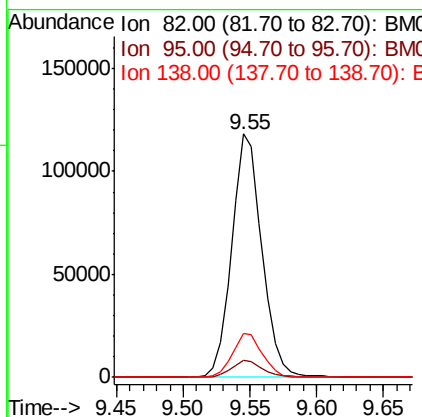
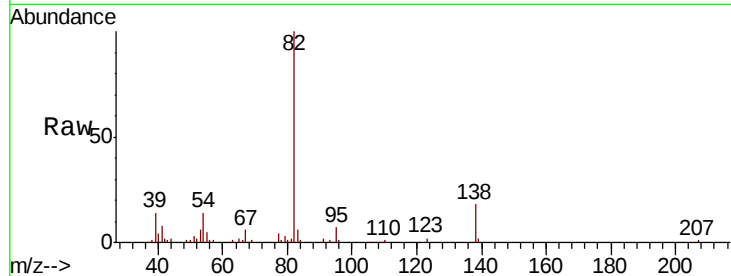
#25
Isophorone
Concen: 7.587 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100	185223		
95	6.8		5.4	8.0
138	18.0		14.7	22.1

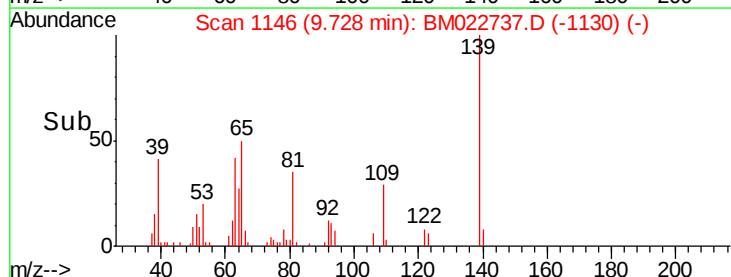
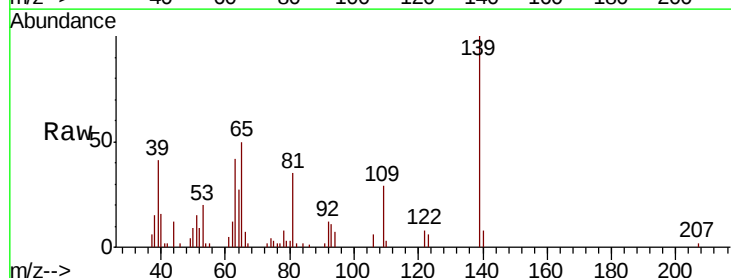
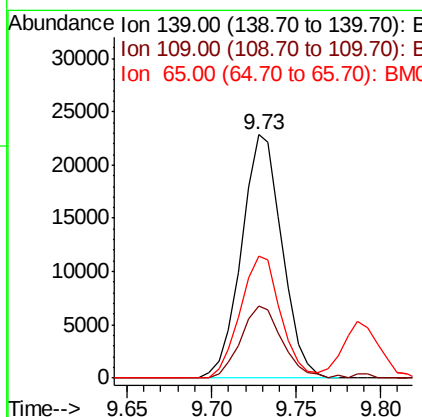
Manual Integrations
APPROVED

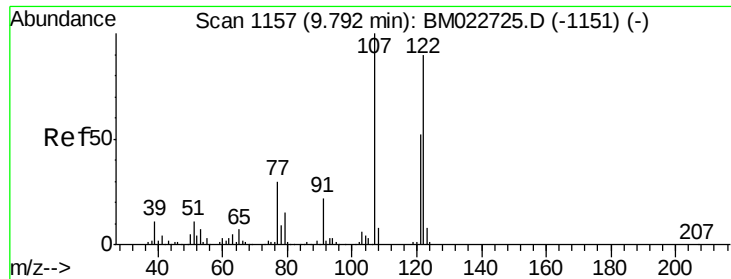
mohammad
9/24/2019 8:35:01 AM



#26
2-Nitrophenol
Concen: 6.215 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	38116		
109	29.4		22.6	33.8
65	50.0		37.0	55.4





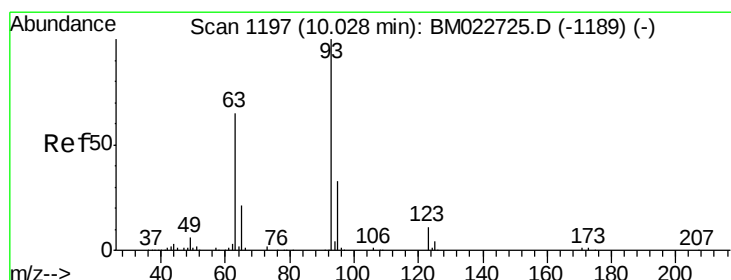
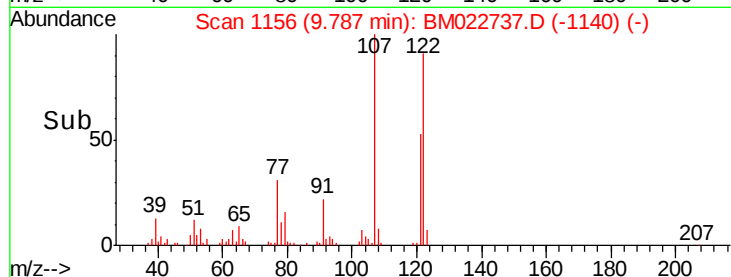
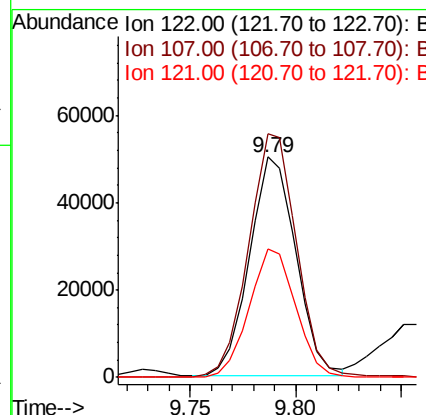
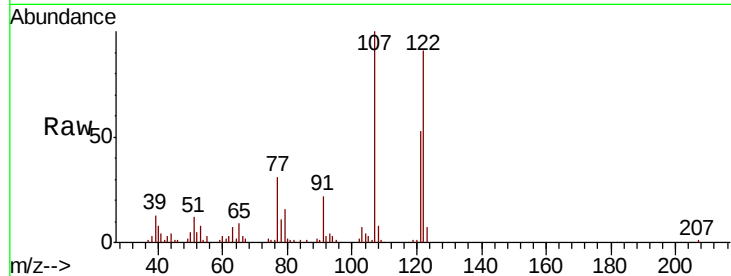
#27
 2,4-Dimethylphenol
 Concen: 7.478 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	88.9	133.3
121	58.4	46.5	69.7

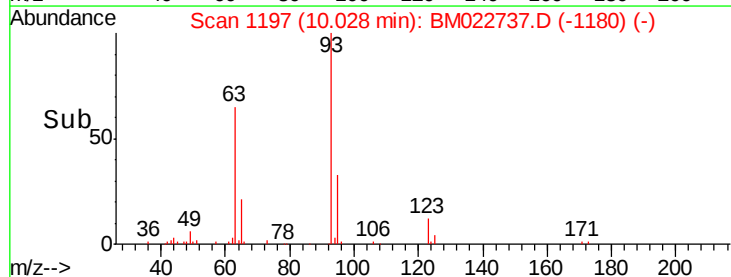
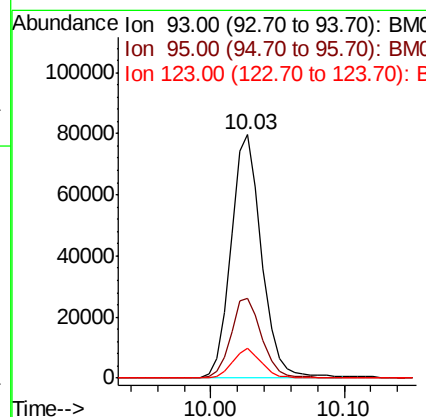
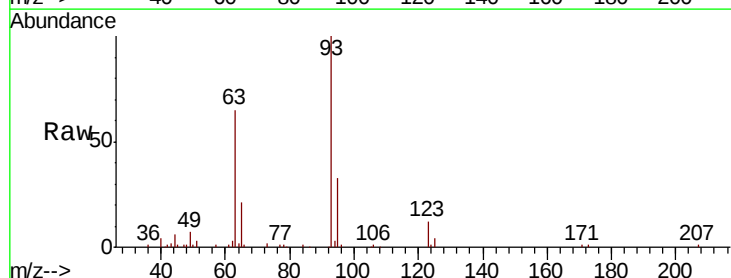
Manual Integrations
 APPROVED

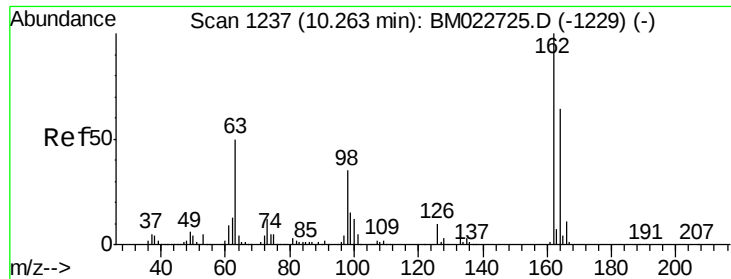
mohammad
 9/24/2019 8:35:01 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.574 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.0	9.0	13.6





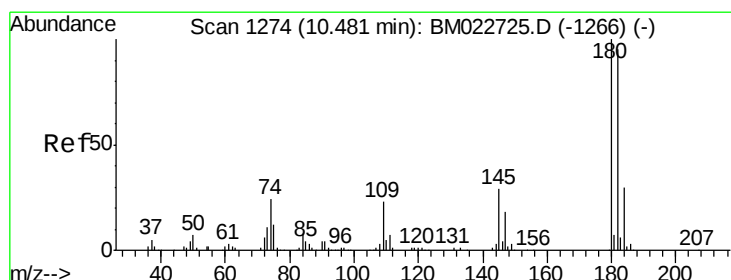
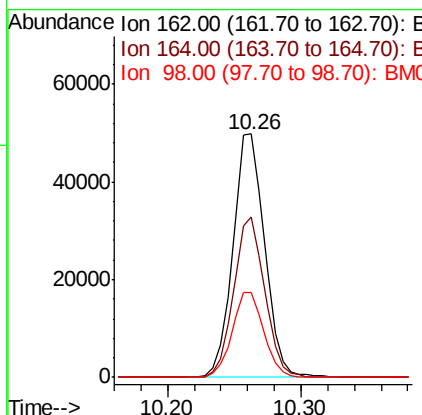
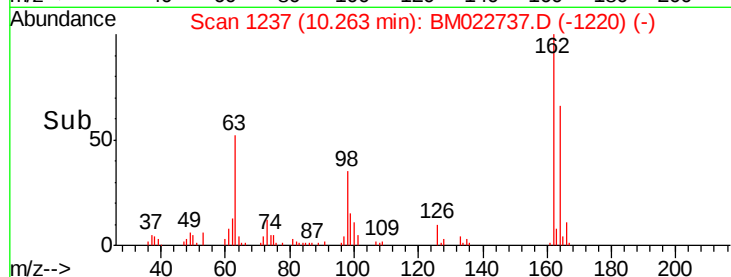
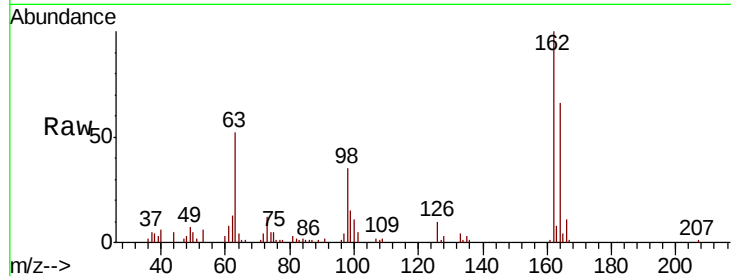
#29
 2,4-Dichlorophenol
 Concen: 7.076 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:	162	Resp:	82132
Ion Ratio	Lower	Upper	
162	100		
164	65.7	44.4	84.4
98	35.0	14.8	54.8

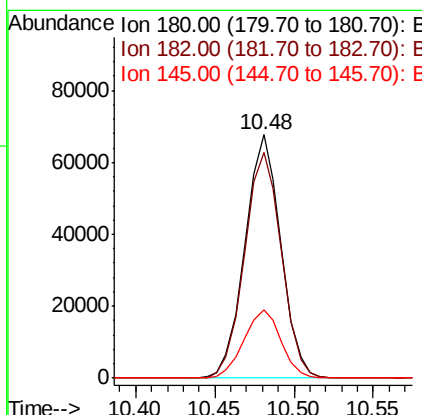
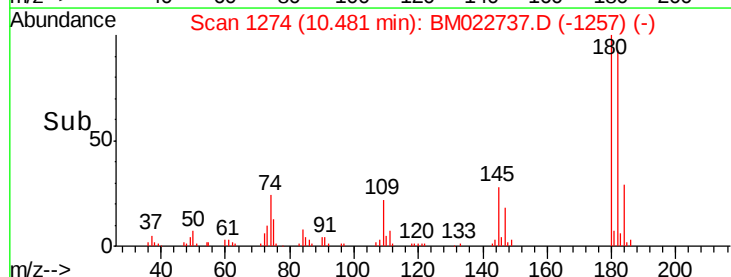
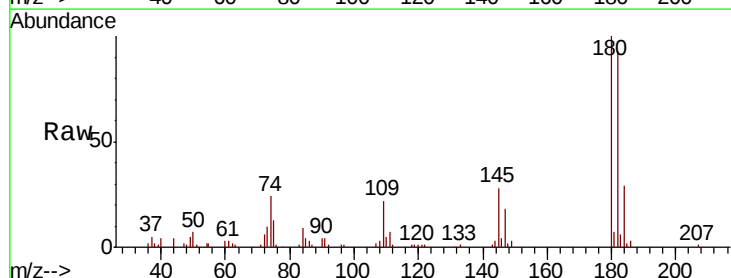
Manual Integrations
 APPROVED

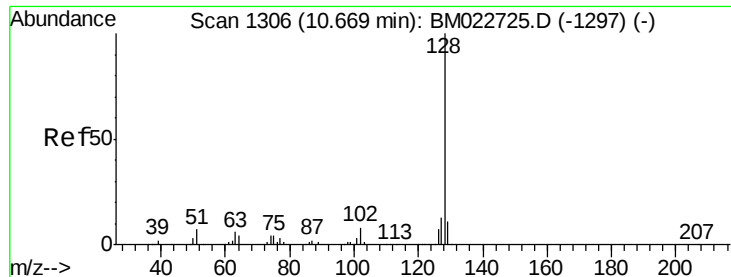
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 7.438 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:	180	Resp:	106221
Ion Ratio	Lower	Upper	
180	100		
182	92.9	76.2	114.2
145	28.3	23.0	34.4





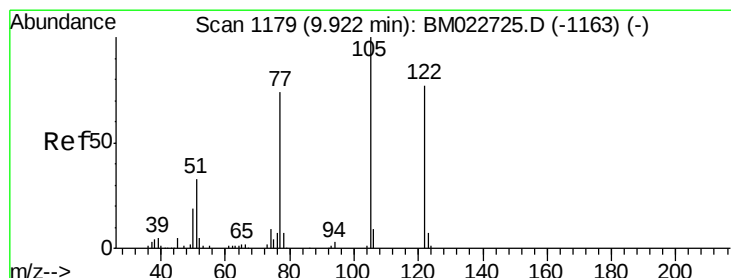
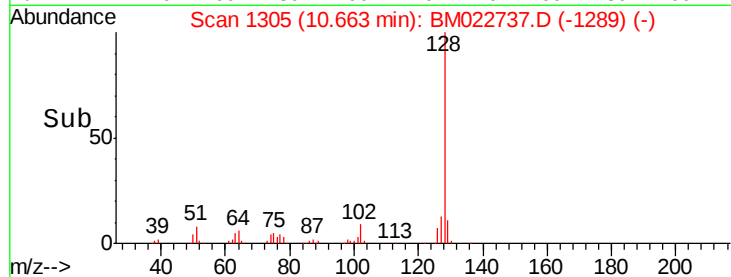
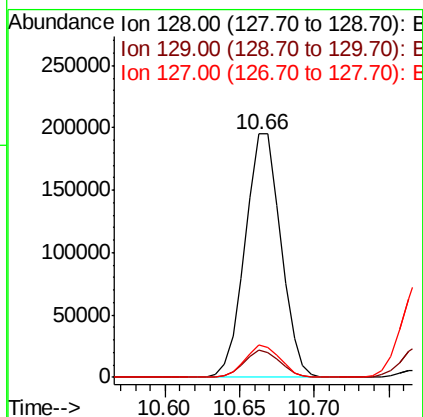
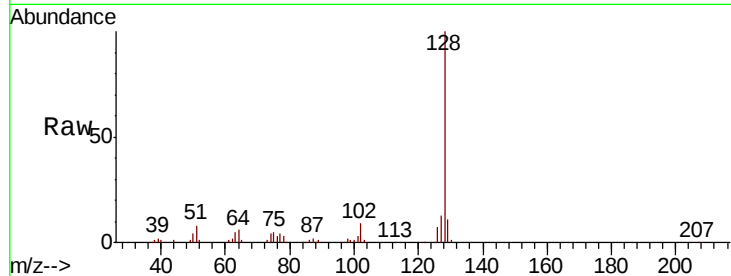
#31
Naphthalene
Concen: 7.963 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	128	Resp:	324287
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.2	10.2	15.4

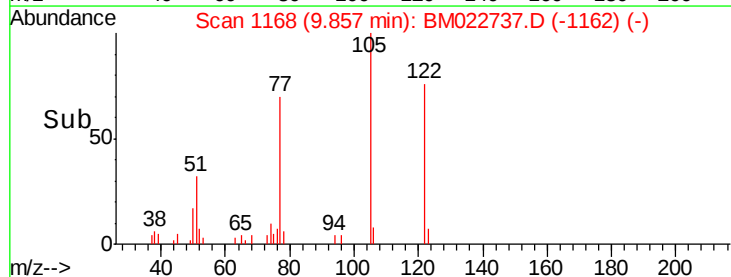
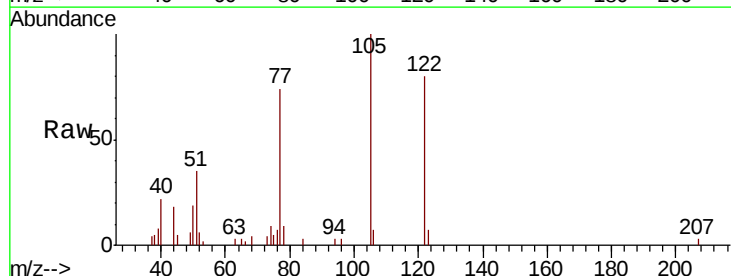
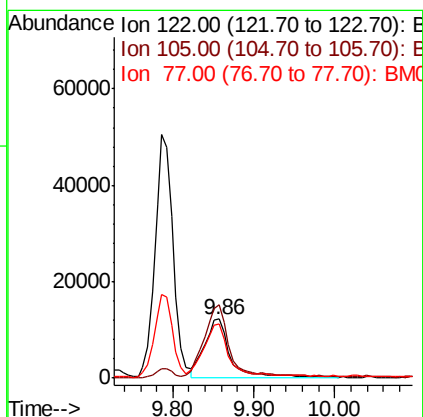
Manual Integrations
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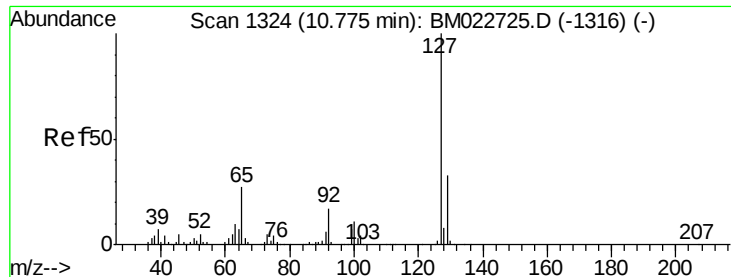
mohammad
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#32
Benzoic acid
Concen: 4.284 ng m
RT: 9.86 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:	122	Resp:	28307
Ion Ratio	Lower	Upper	
122	100		
105	124.6	105.3	145.3
77	92.8	74.7	114.7





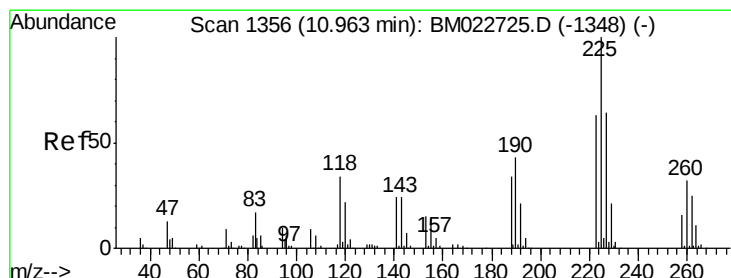
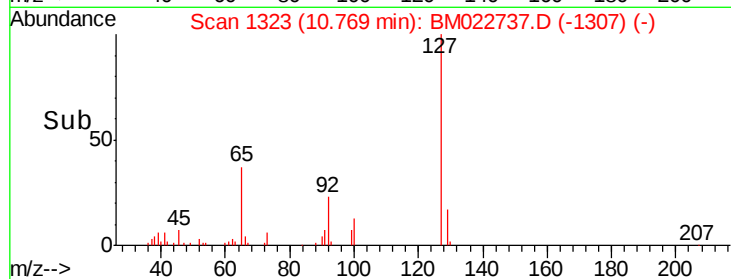
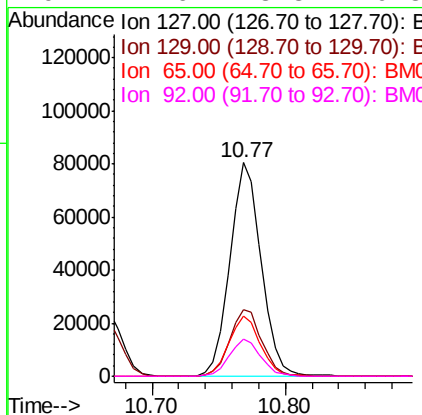
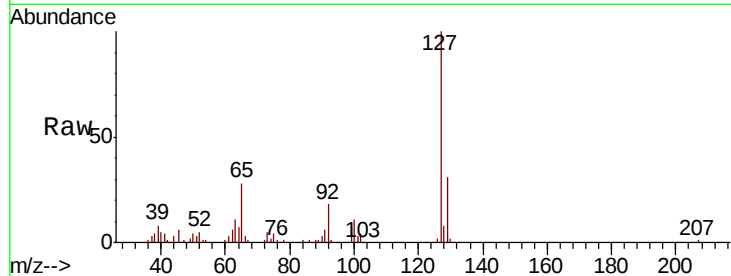
#33
4-Chloroaniline
Concen: 7.443 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	26.1	39.1	
65	28.5	22.0	33.0	
92	17.6	13.8	20.8	

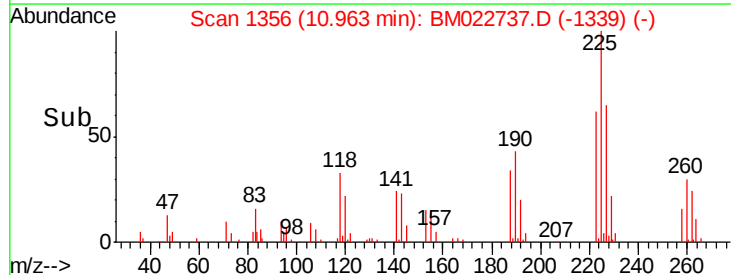
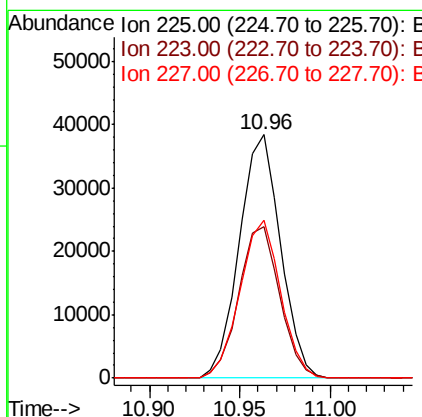
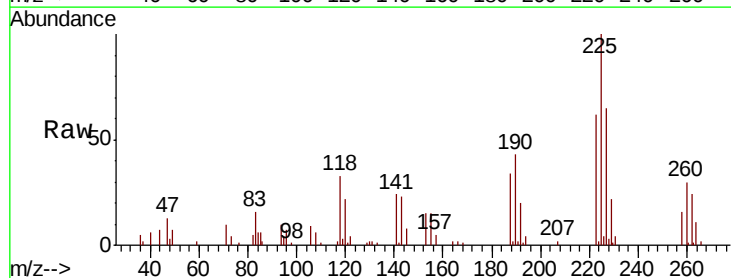
Manual Integrations
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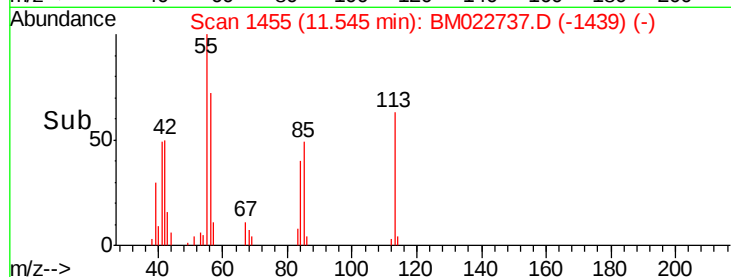
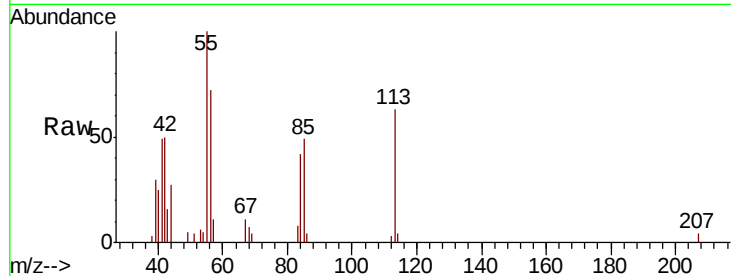
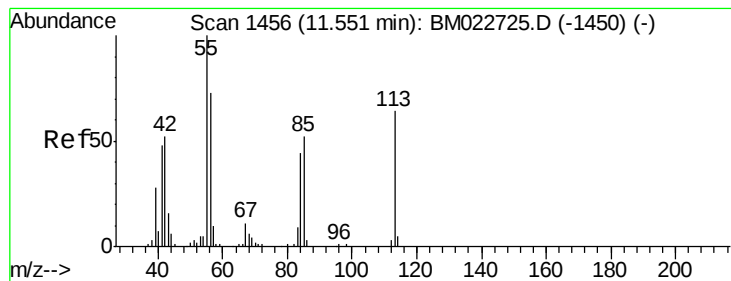
mohammad
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#34
Hexachlorobutadiene
Concen: 7.138 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.2	75.4	
227	64.6	51.0	76.4	





#35

Caprolactam

Concen: 6.046 ng/mL

RT: 11.55 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:113 Resp: 20806

Ion Ratio Lower Upper

113 100

55 158.0 136.8 176.8

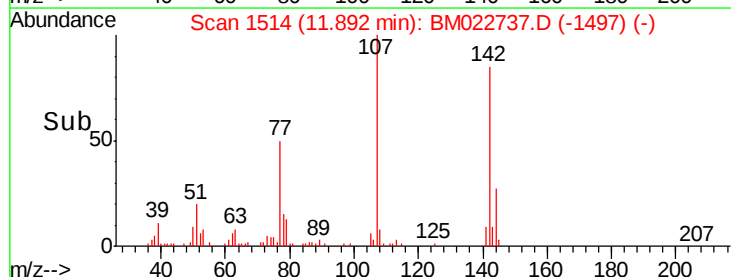
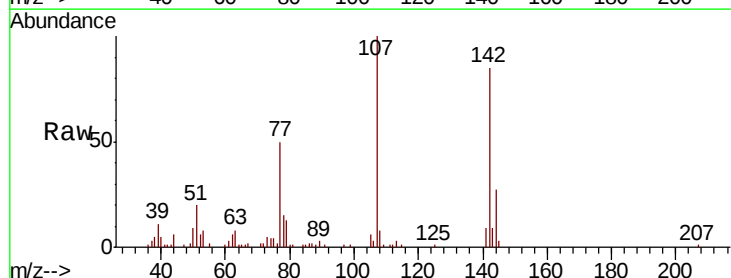
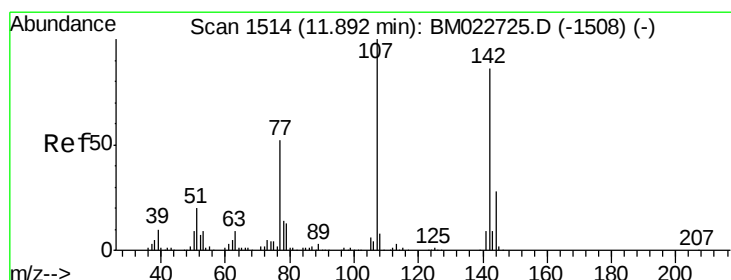
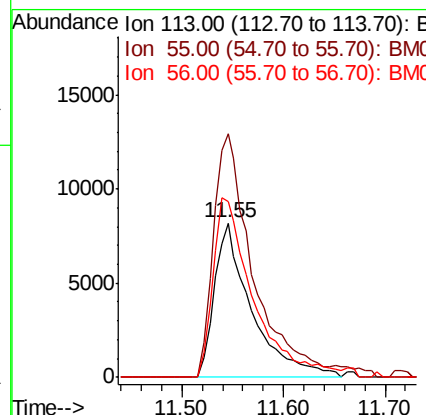
56 114.2 95.2 135.2

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#36

4-Chloro-3-methylphenol

Concen: 7.208 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

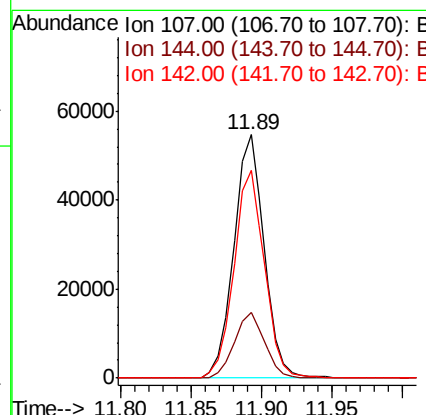
Tgt Ion:107 Resp: 81627

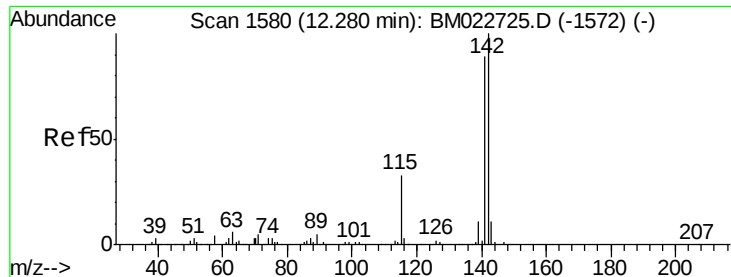
Ion Ratio Lower Upper

107 100

144 27.0 22.4 33.6

142 85.2 68.2 102.4





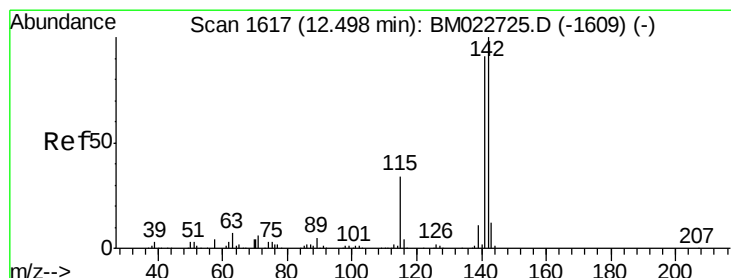
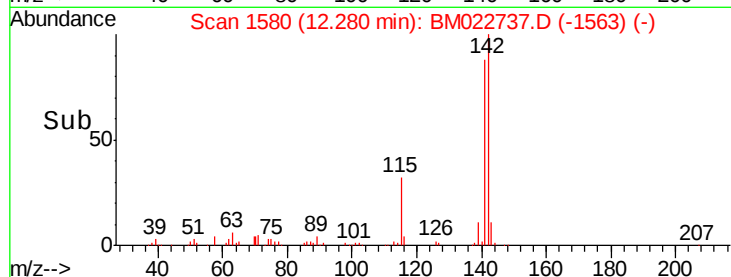
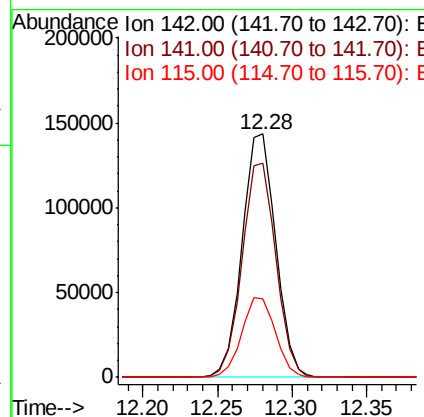
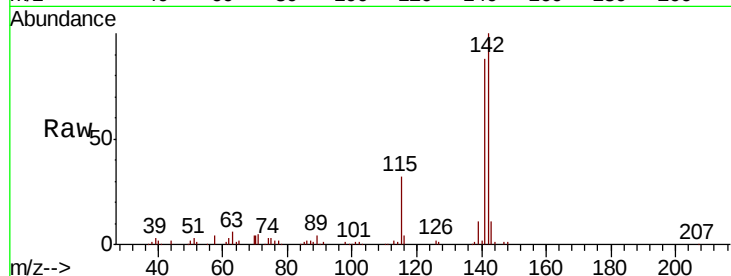
#37
2-Methylnaphthalene
Concen: 7.904 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
142	100	224037		
141	88.0		71.5	107.3
115	32.4		26.1	39.1

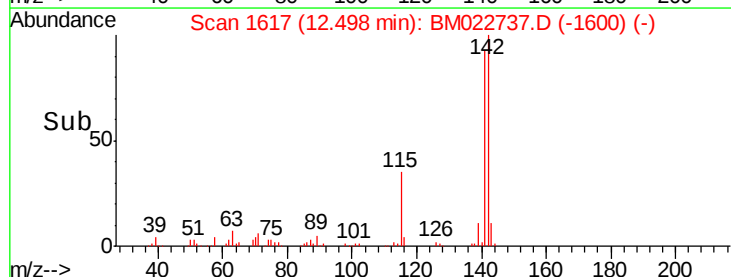
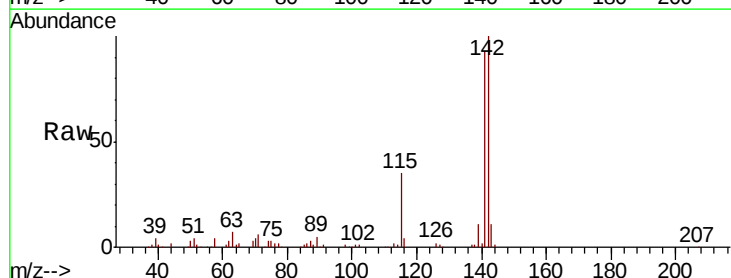
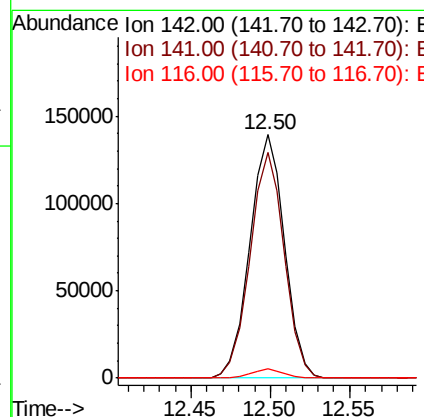
Manual Integrations
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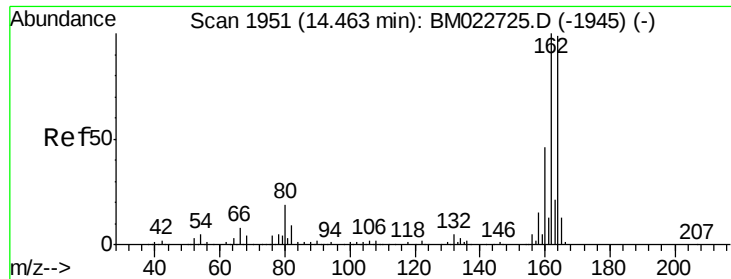
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#38
1-Methylnaphthalene
Concen: 7.848 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	211165		
141	92.7		73.0	109.4
116	3.7		2.9	4.3





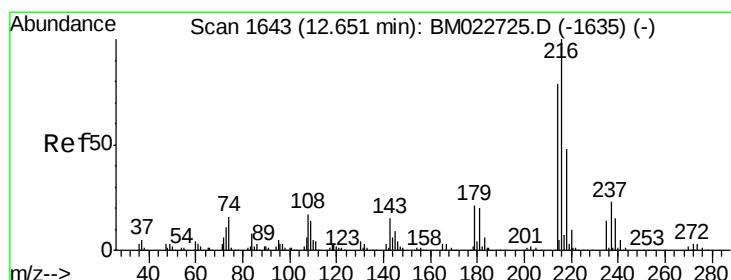
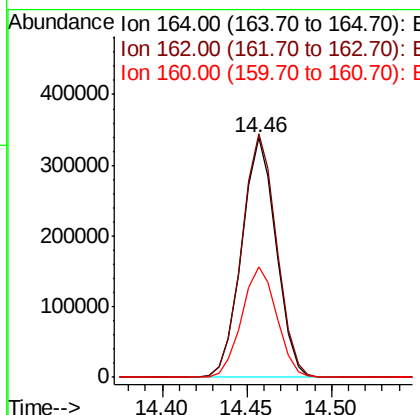
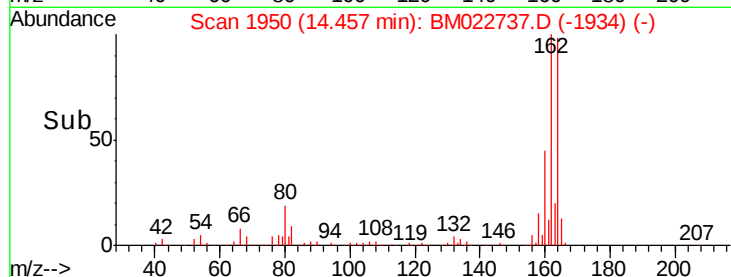
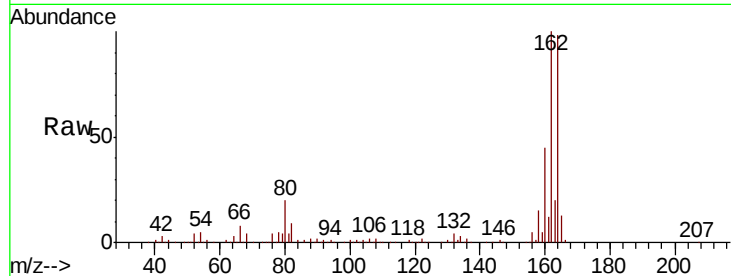
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	81.1	121.7	
160	46.0	36.9	55.3	

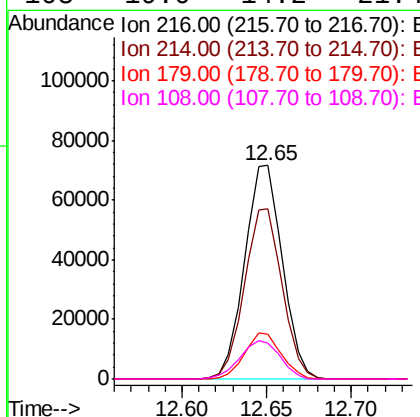
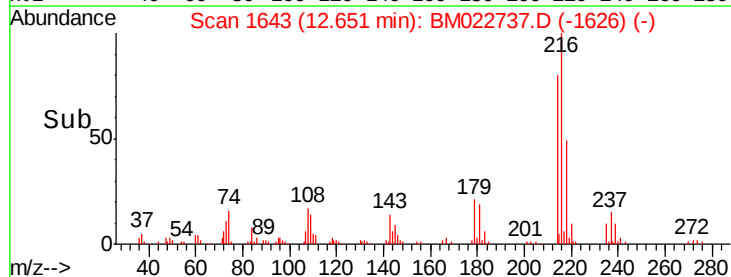
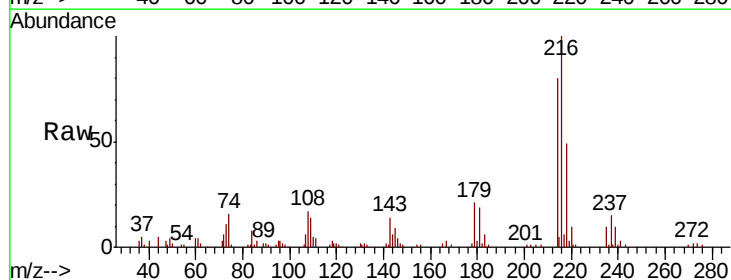
Manual Integrations
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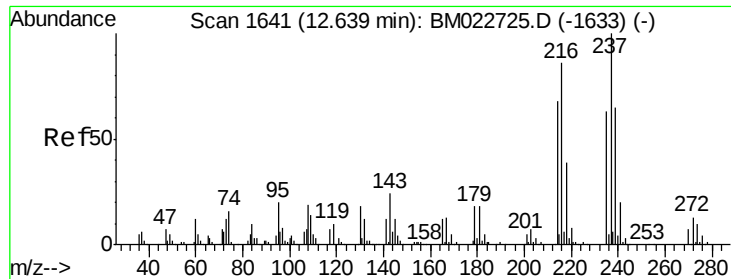
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.855 ng
RT: 12.65 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	62.9	94.3	
179	21.0	16.6	24.8	
108	19.0	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 6.973 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

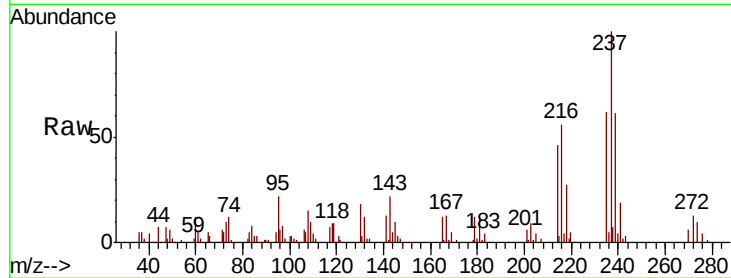
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

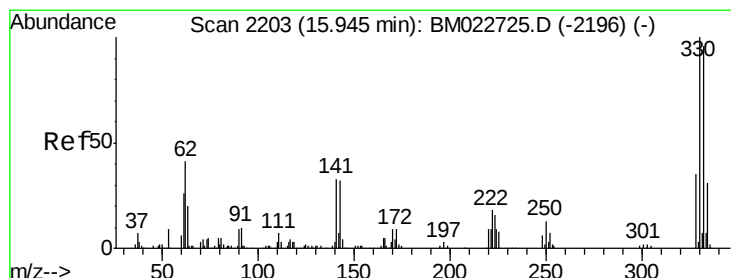
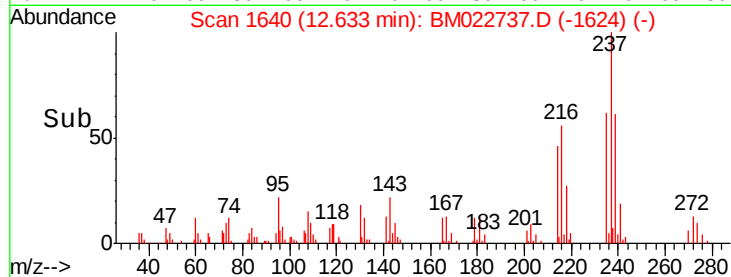
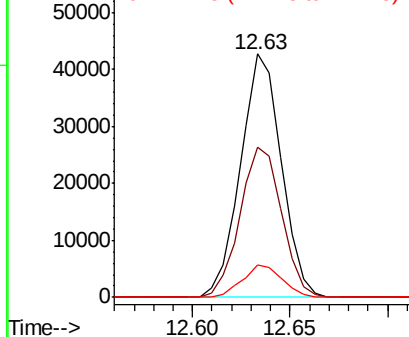
Tot Ion:	237	Resp:	61907
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.3	83.3
272	13.1	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.772 ng

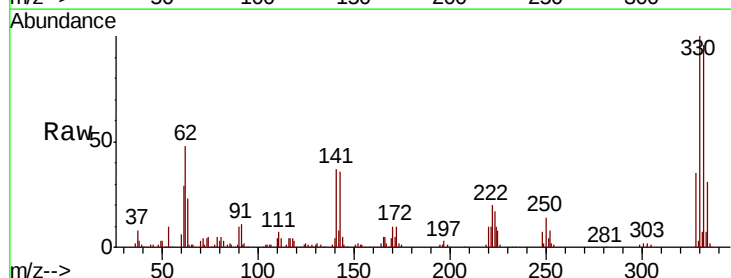
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

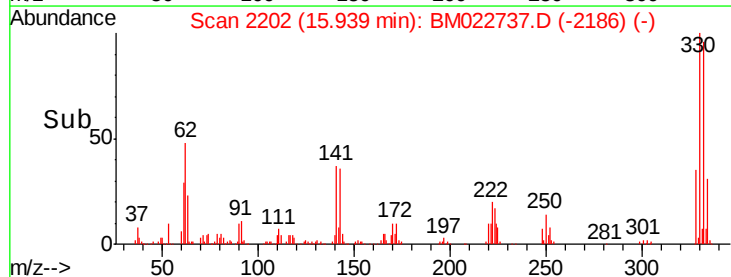
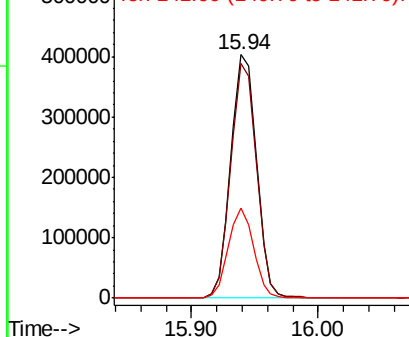
Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	330	Resp:	568170
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	36.2	28.6	42.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





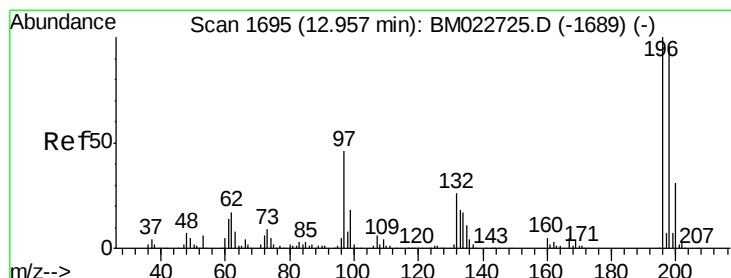
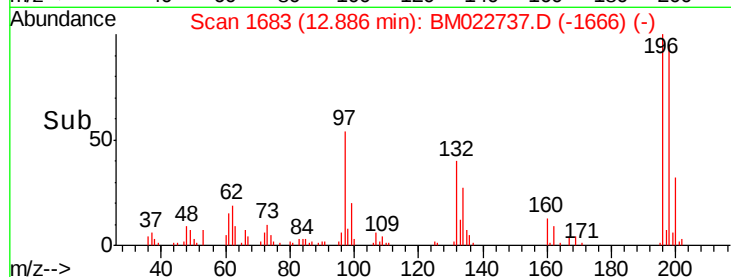
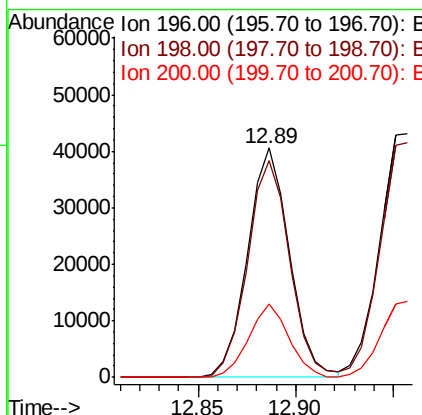
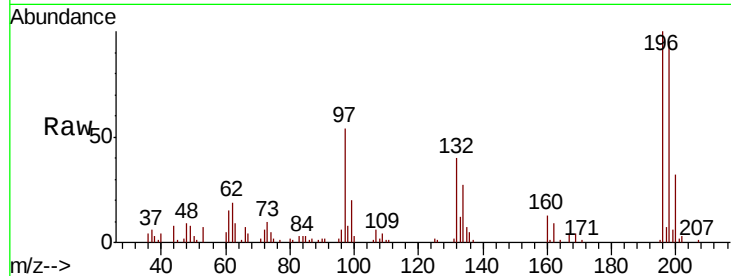
#43
 2,4,6-Trichlorophenol
 Concen: 6.411 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	60210		
198	94.7	76.3	114.5	
200	32.0	24.4	36.6	

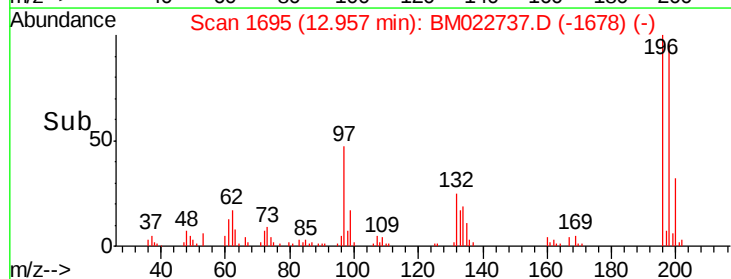
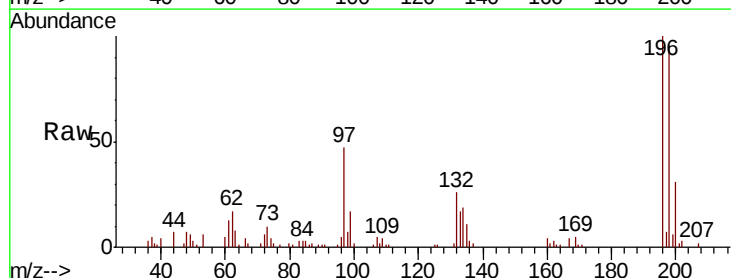
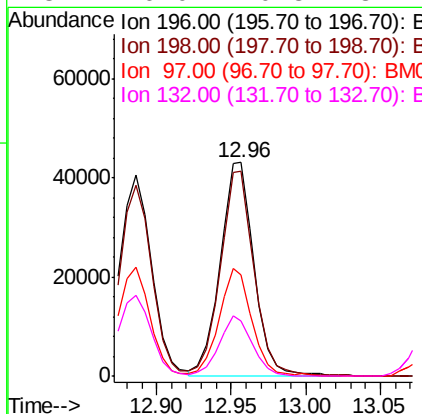
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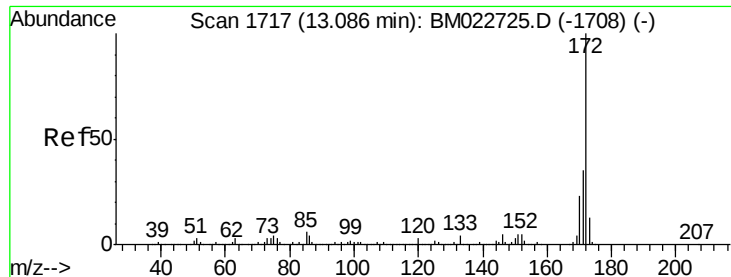
mohammad
 9/24/2019 8:35:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 6.976 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68280		
198	96.2	77.0	115.4	
97	47.1	37.2	55.8	
132	26.0	20.8	31.2	





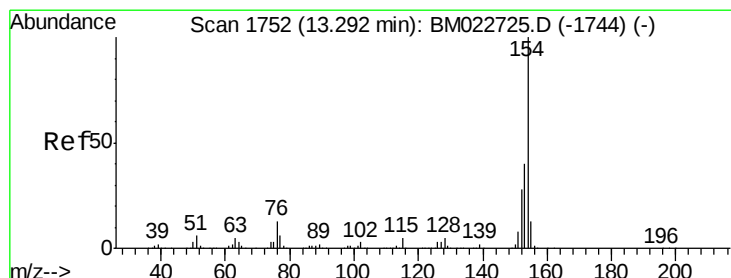
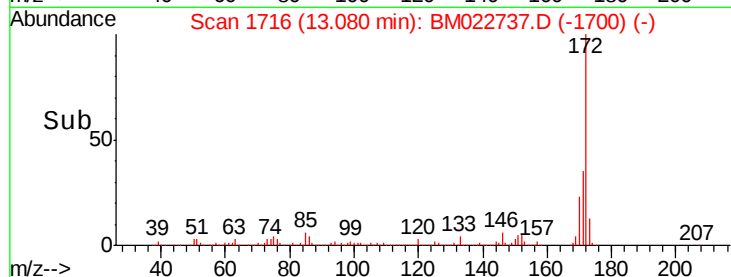
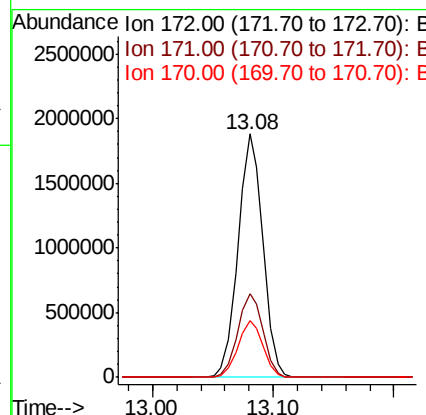
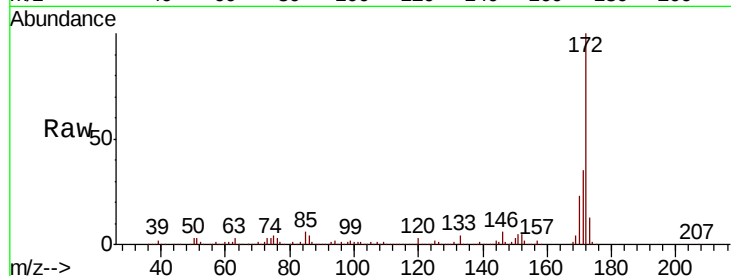
#45
 2-Fluorobiphenyl
 Concen: 77.177 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.3	18.7	28.1

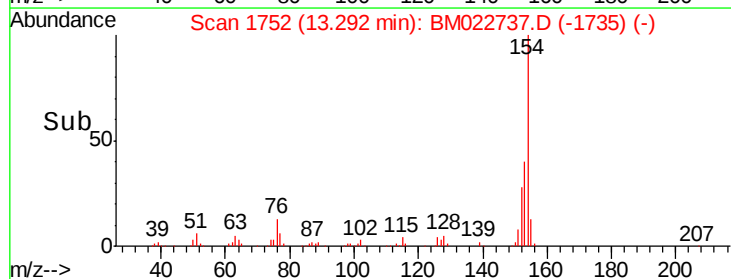
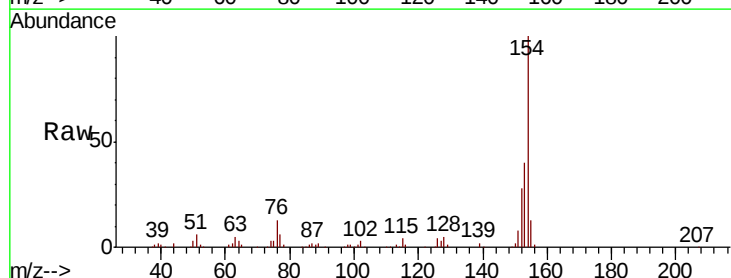
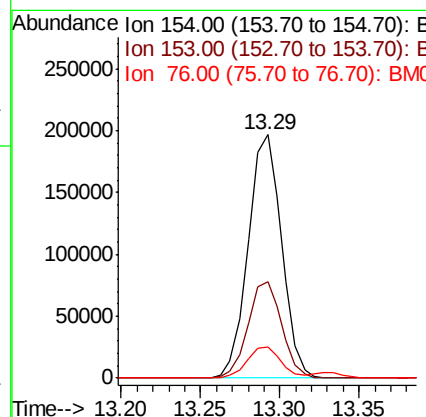
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#46
 1,1'-Biphenyl
 Concen: 7.238 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.1	60.1
76	12.9	0.0	32.6





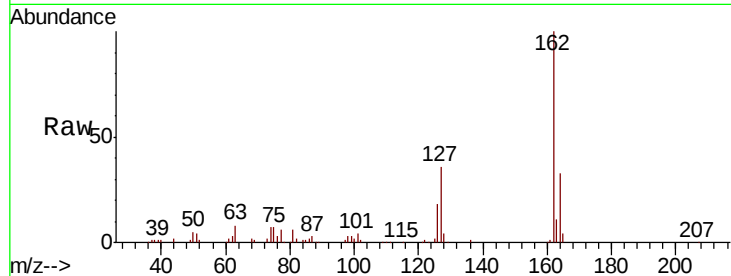
#47
2-Chloronaphthalene
Concen: 7.525 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

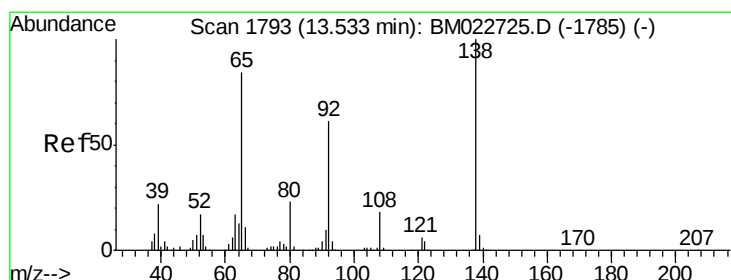
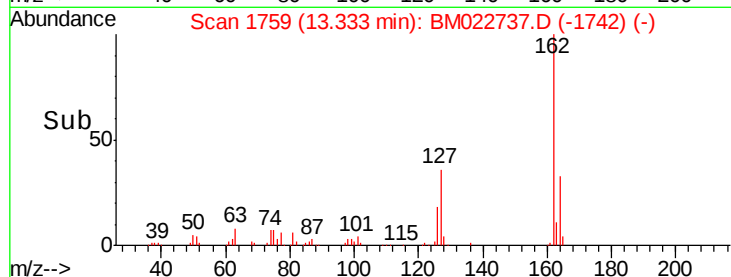
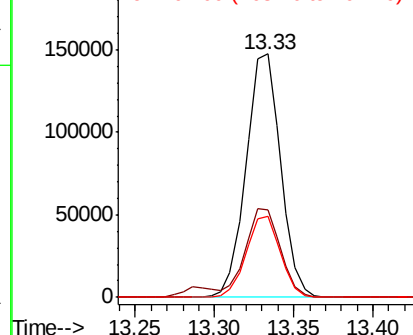
Tot Ion	Ratio	Resp	Lower	Upper
162	100	222925		
127	36.1	29.0	43.6	
164	33.1	26.0	39.0	

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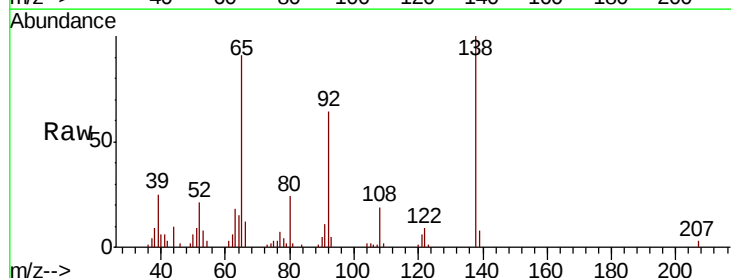


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

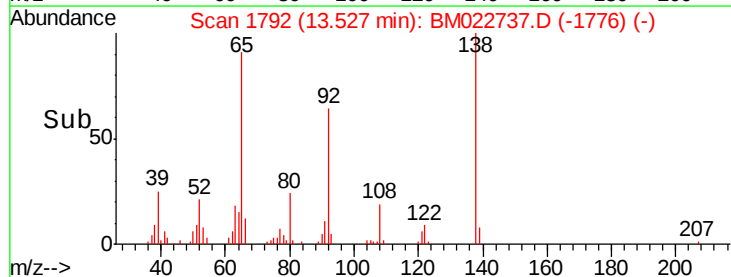
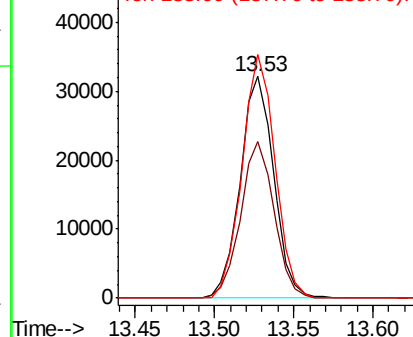


#48
2-Nitroaniline
Concen: 6.114 ng
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	47166		
92	70.8	58.6	87.8	
138	110.0	95.4	143.0	



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 7.481 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

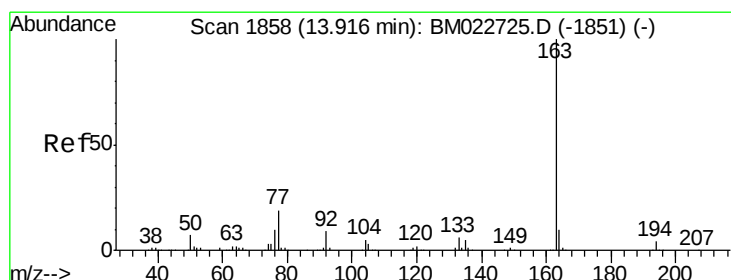
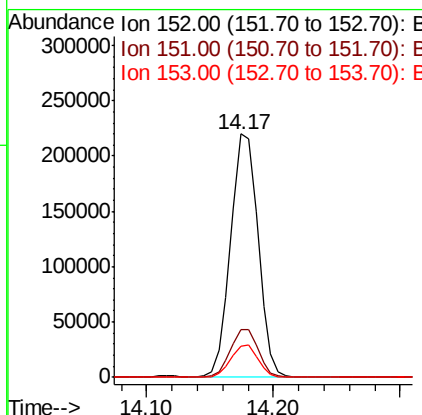
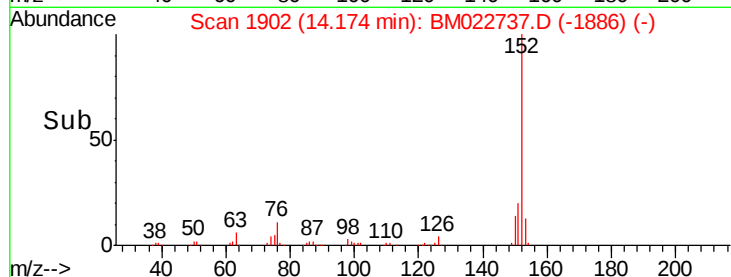
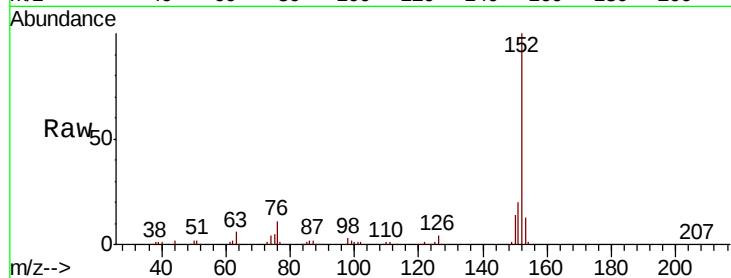
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	152	Resp:	328185
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	12.8	10.5	15.7

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#50

Dimethylphthalate

Concen: 7.418 ng

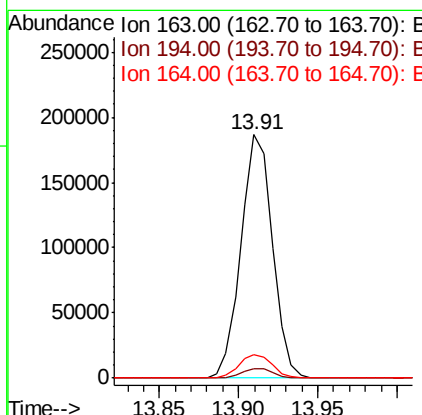
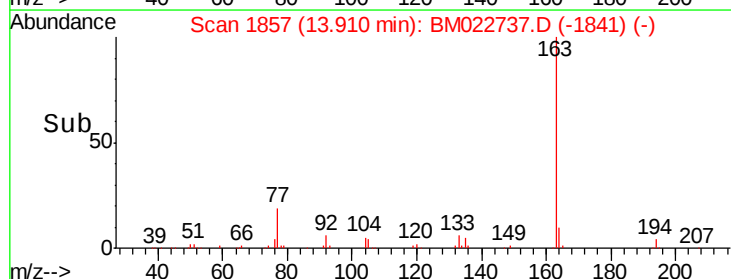
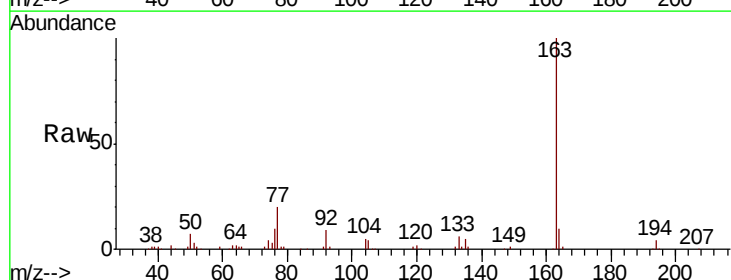
RT: 13.91 min Scan# 1857

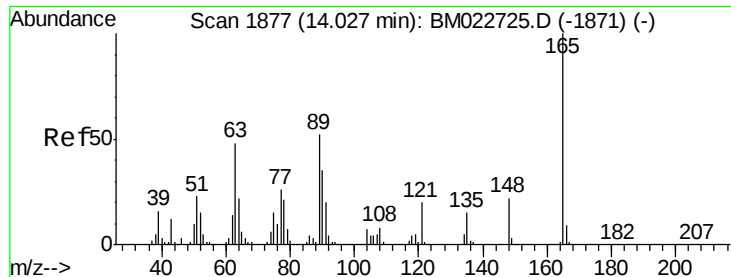
Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	163	Resp:	257452
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	9.8	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 6.800 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

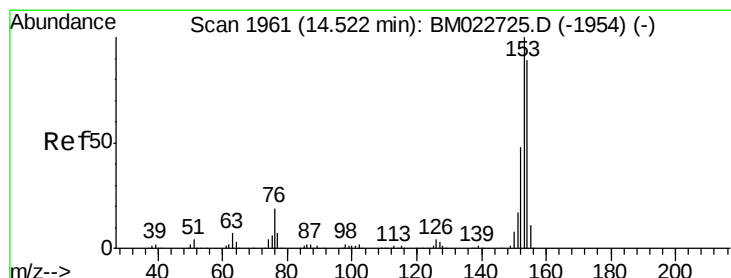
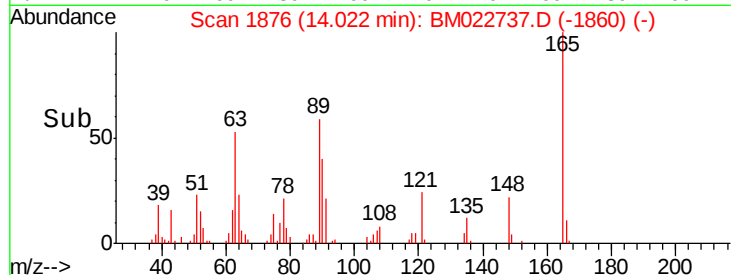
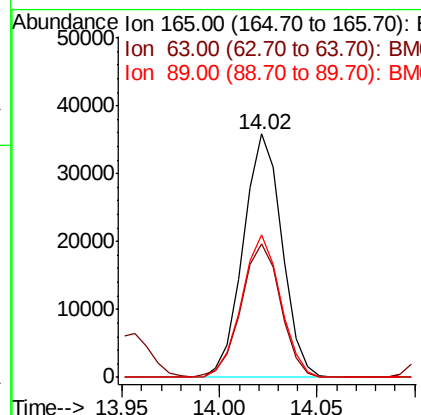
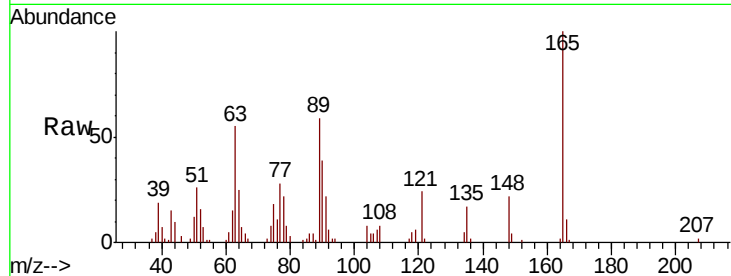
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	165	Resp:	49368
Ion Ratio	Lower	Upper	
165	100		
63	54.6	38.6	58.0
89	58.7	41.6	62.4

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#52

Acenaphthene

Concen: 7.503 ng

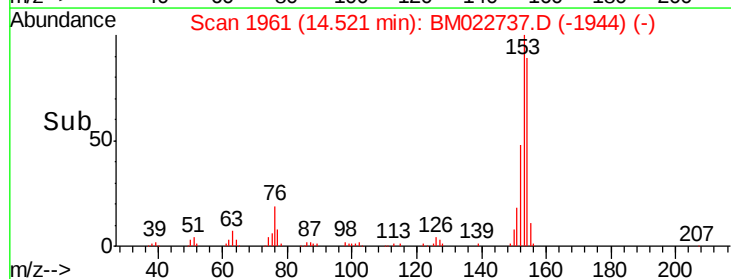
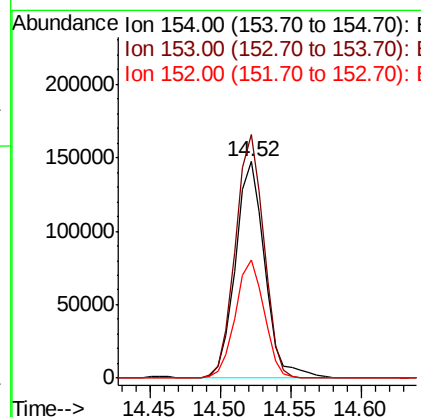
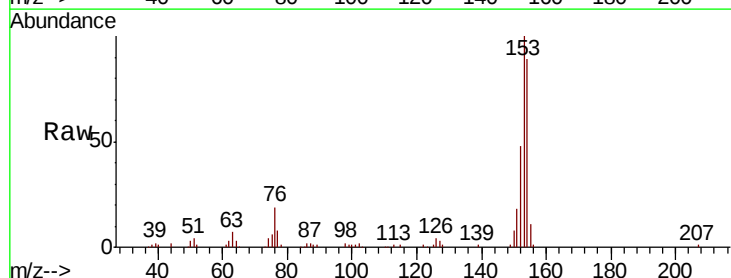
RT: 14.52 min Scan# 1961

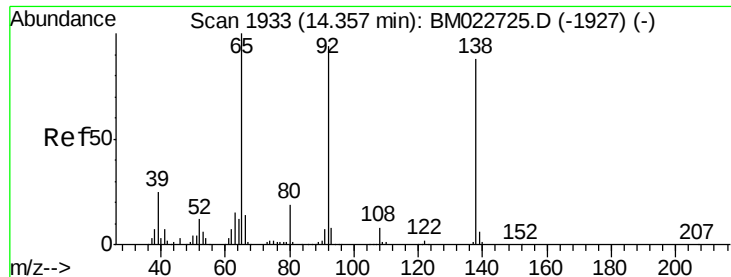
Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	154	Resp:	215333
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.0	135.0
152	54.6	42.9	64.3





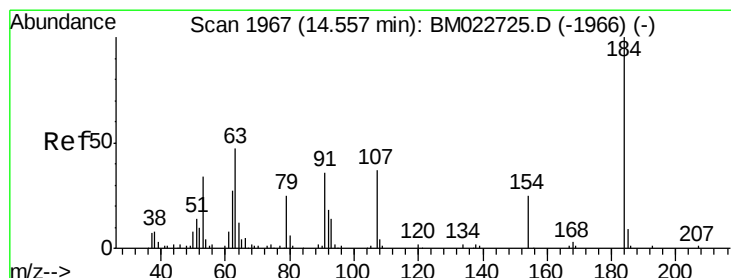
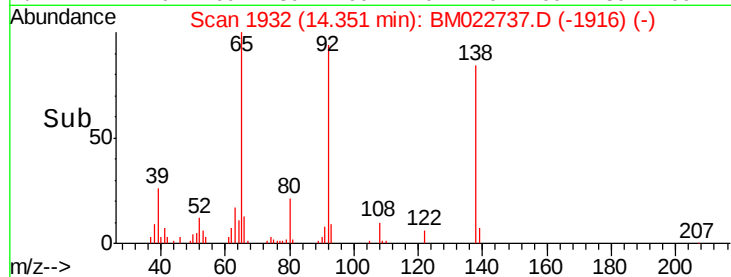
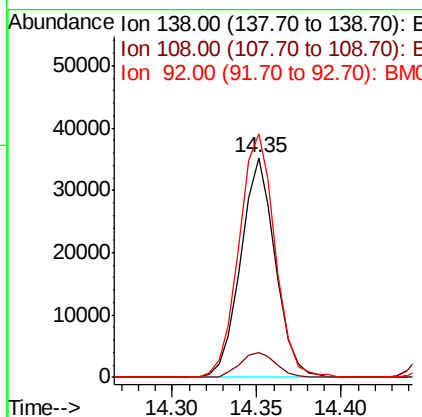
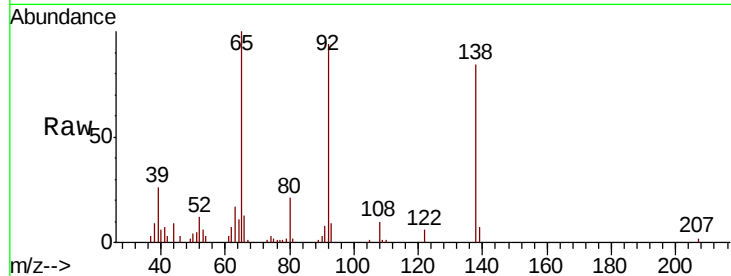
#53
3-Nitroaniline
Concen: 5.988 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.3	10.9#
92	110.8	86.3	129.5

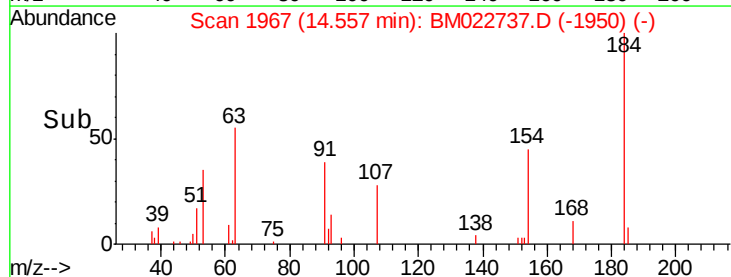
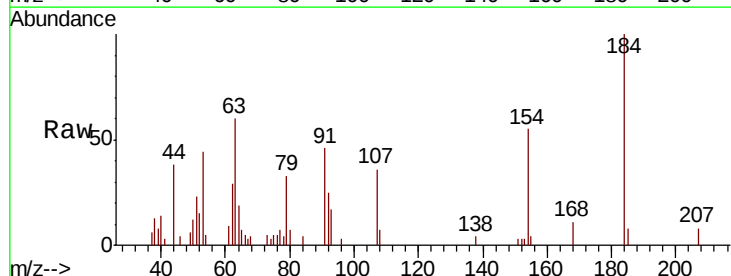
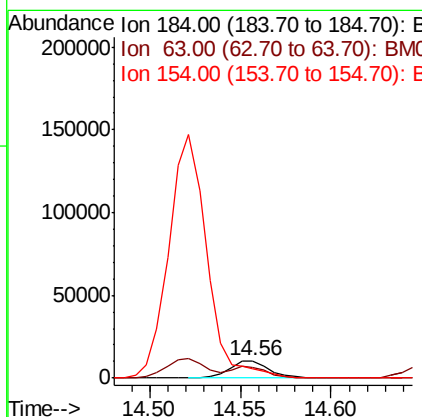
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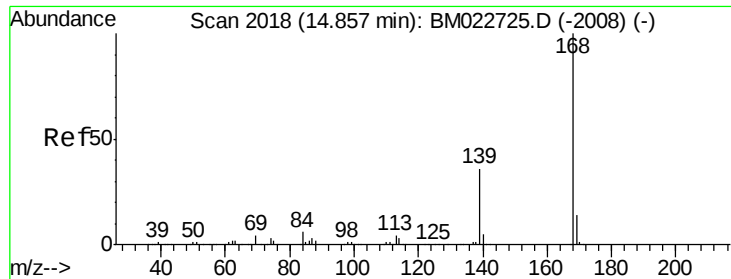
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#54
2,4-Dinitrophenol
Concen: 4.664 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	48.5	72.7
154	54.7	48.1	72.1





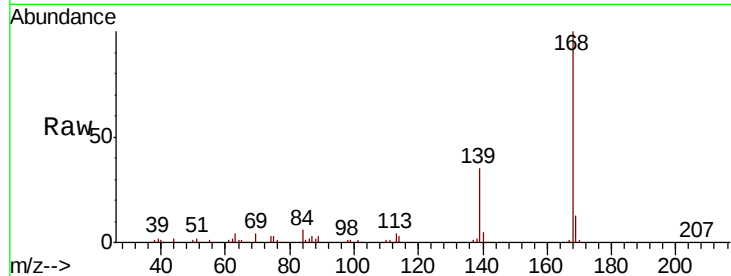
#55
Dibenzenofuran
Concen: 7.987 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	28.8	43.2
169	12.8	10.9	16.3

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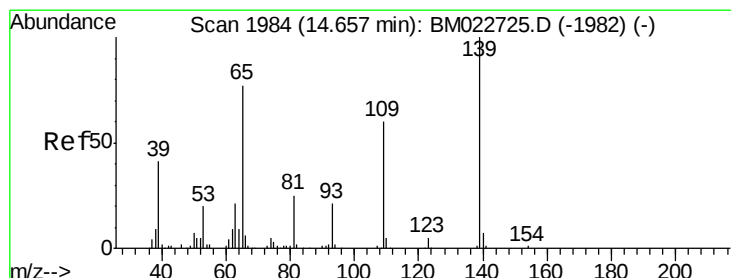
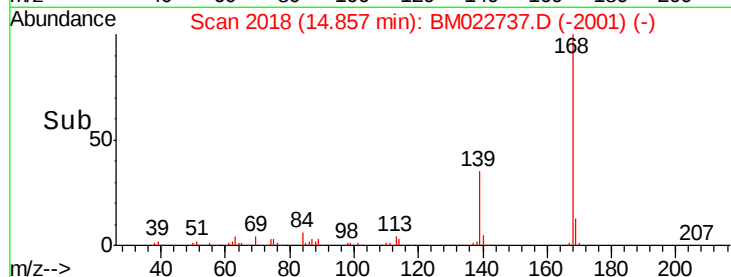
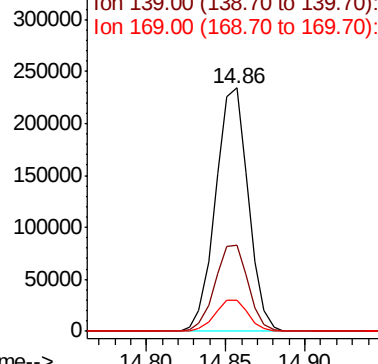


Abundance

Ion 168.00 (167.70 to 168.70): E

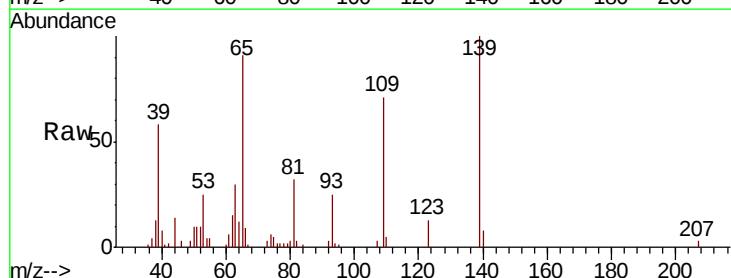
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 5.919 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.6	44.8	84.8
65	91.0	66.6	106.6

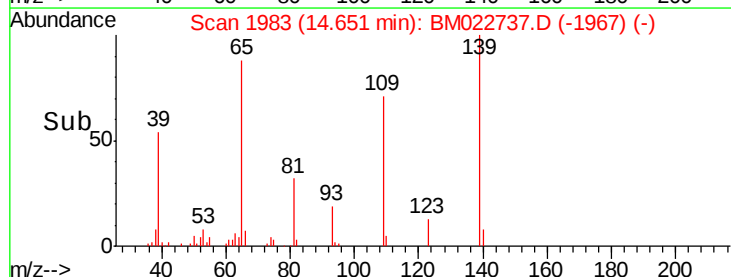
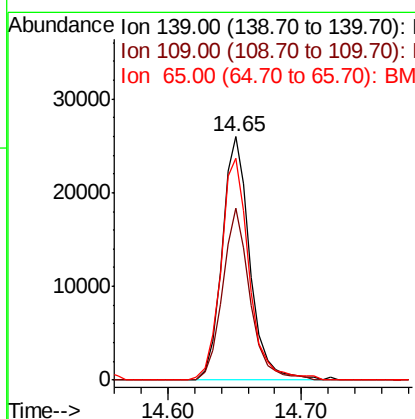


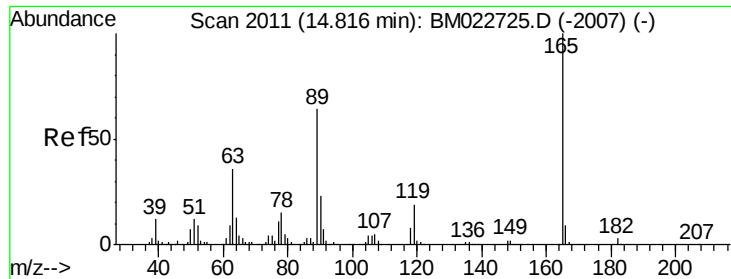
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





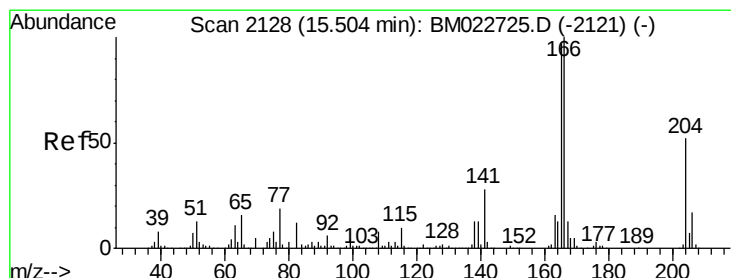
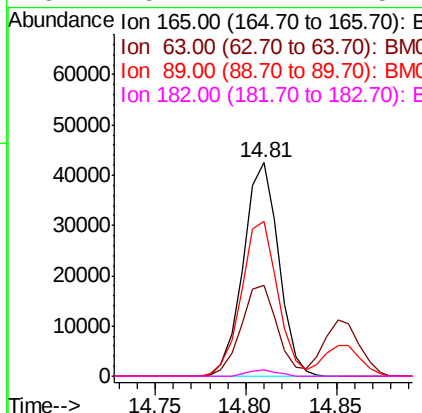
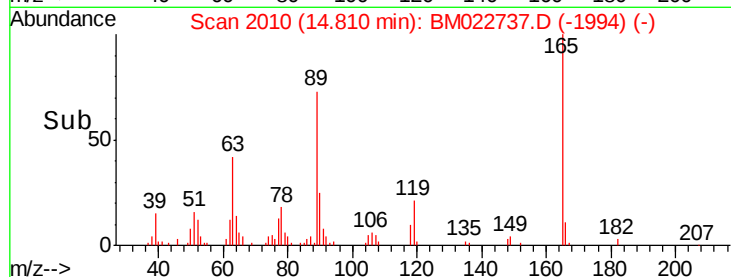
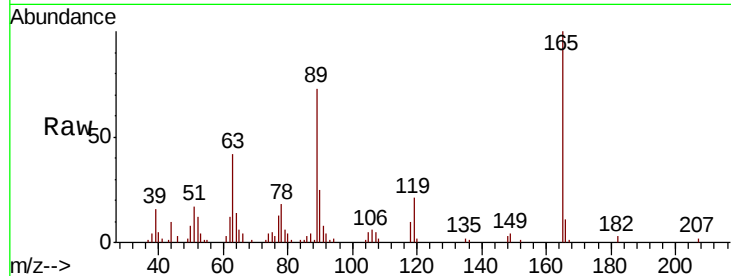
#57
2,4-Dinitrotoluene
Concen: 6.043 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	57473		
63	42.4		30.1	45.1
89	72.8		52.5	78.7
182	3.2		2.2	3.4

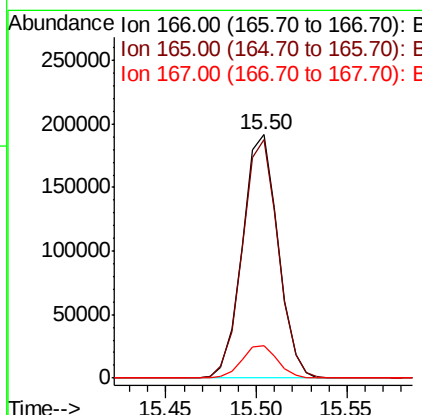
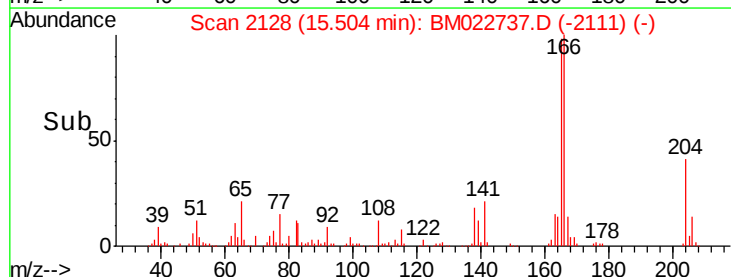
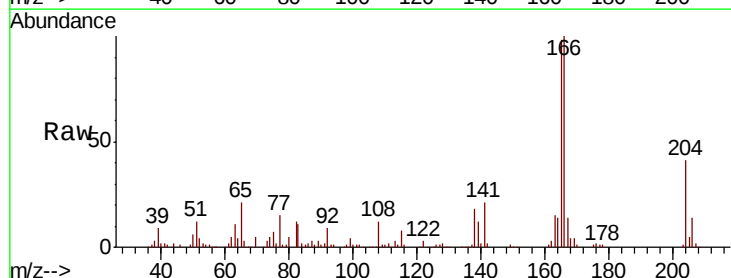
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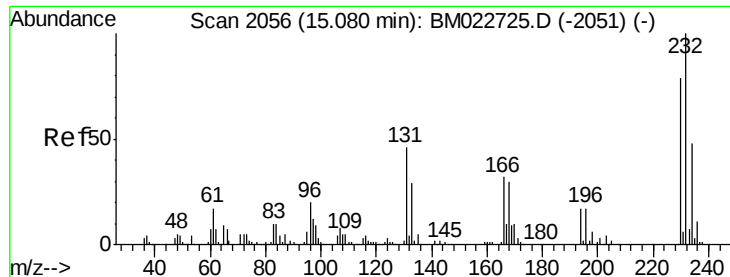
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#58
Fluorene
Concen: 7.684 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	261634		
165	98.0		77.6	116.4
167	13.5		10.8	16.2





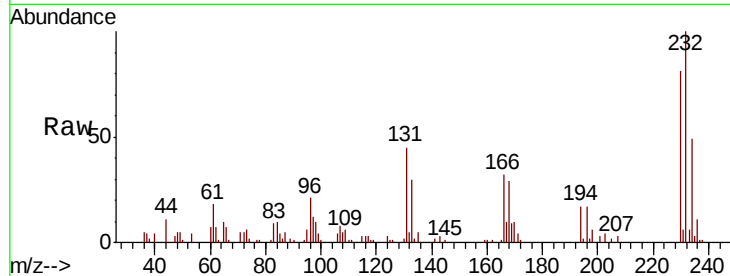
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.516 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

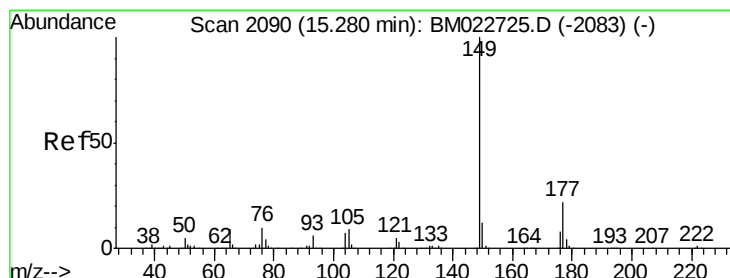
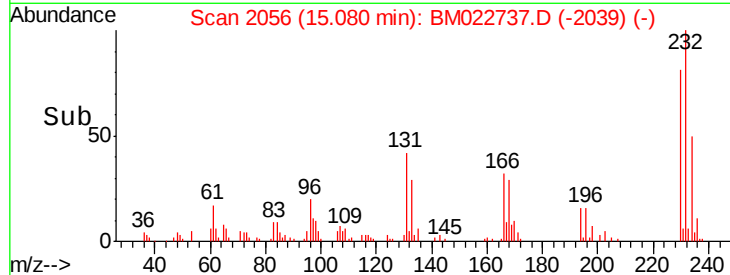
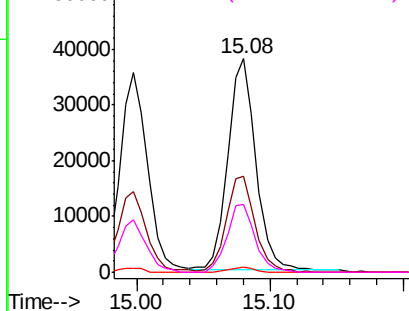
Tot Ion:	232	Resp:	55621
Ion Ratio	Lower	Upper	
232	100		
131	47.1	36.3	54.5
130	2.2	1.8	2.8
166	32.3	25.0	37.4

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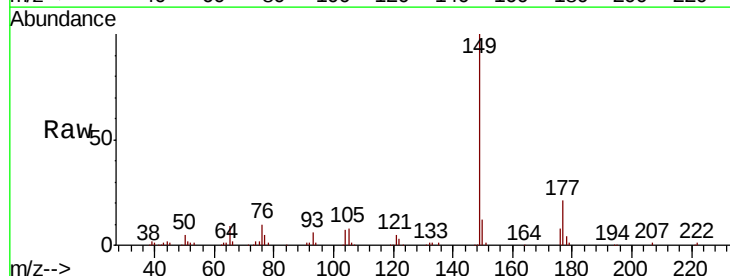


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

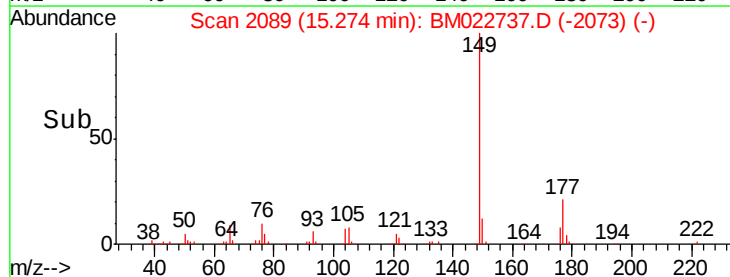
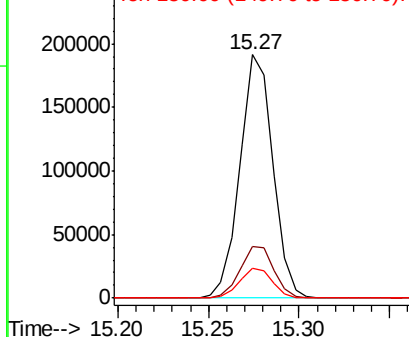


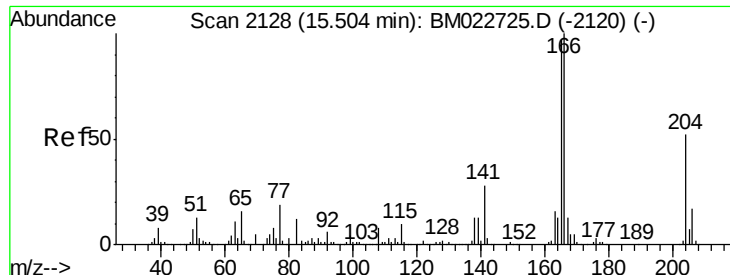
#60
 Diethylphthalate
 Concen: 7.180 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:	149	Resp:	242292
Ion Ratio	Lower	Upper	
149	100		
177	21.0	17.6	26.4
150	12.1	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





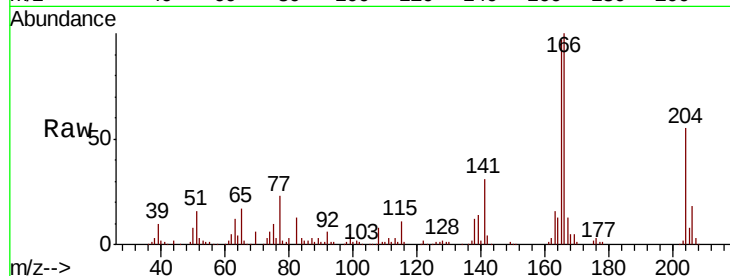
#61
 4-Chlorophenyl-phenylether
 Concen: 7.529 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	131722		
206	31.8	26.2	39.4	
141	55.6	42.6	64.0	

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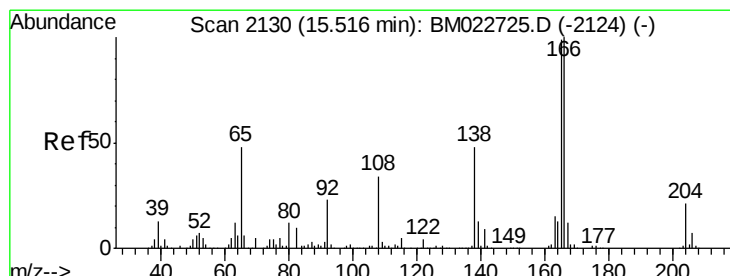
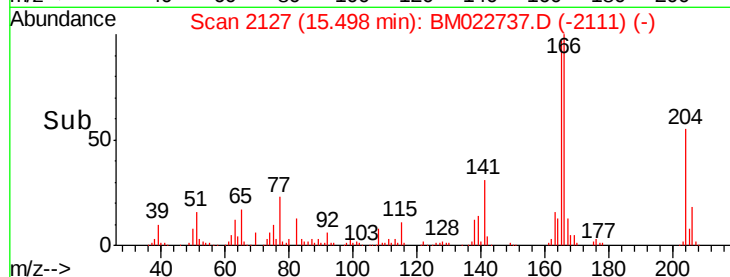
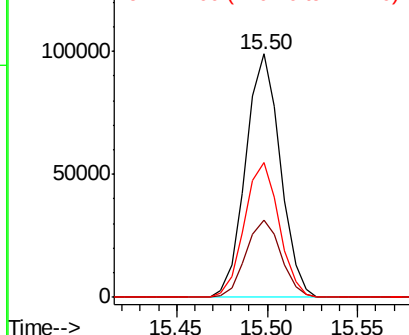


Abundance

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



#62
 4-Nitroaniline
 Concen: 5.989 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

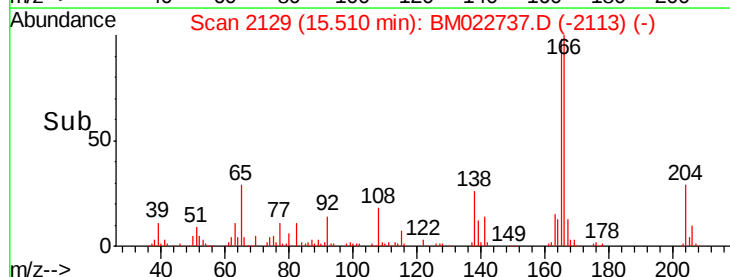
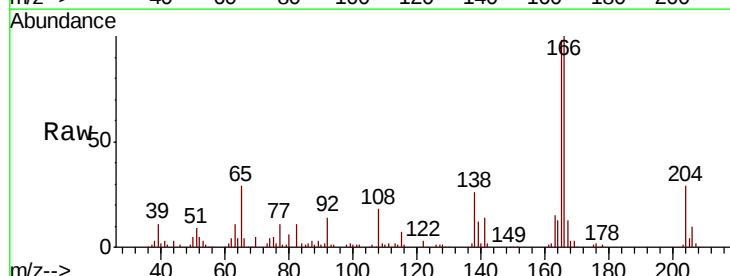
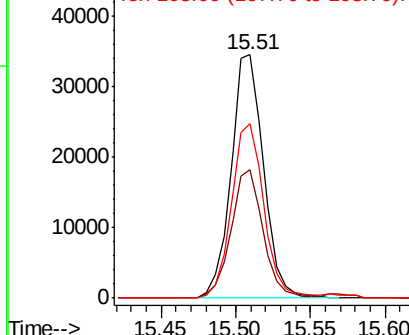
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	52479		
92	53.0	28.7	68.7	
108	71.6	50.3	90.3	

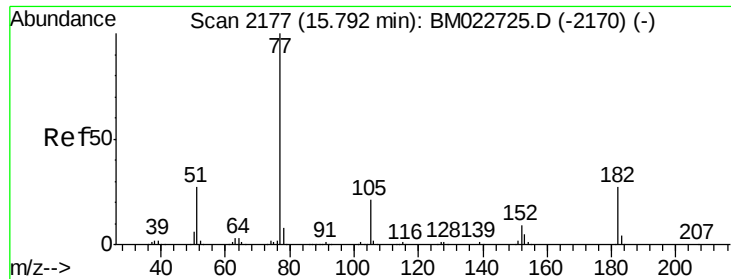
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





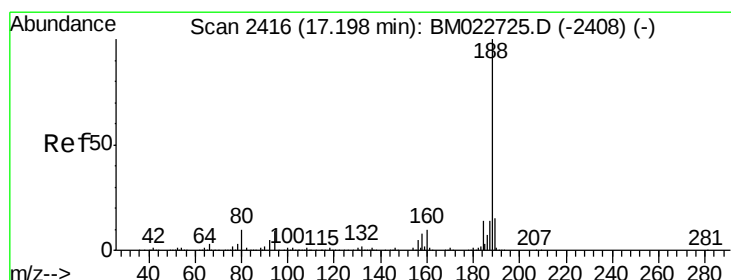
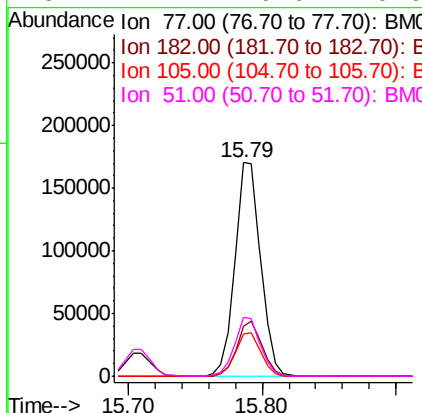
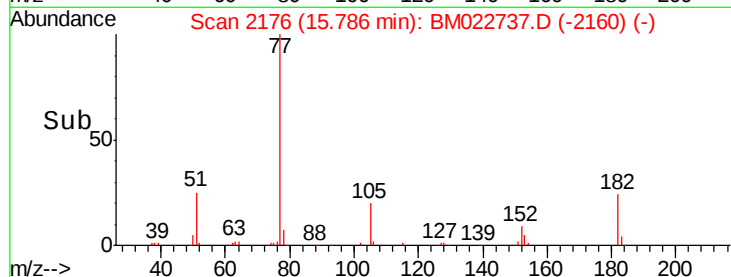
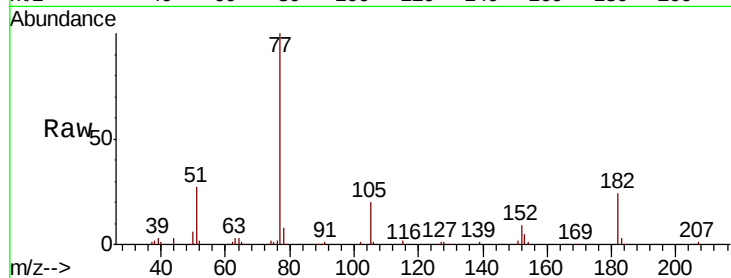
#63
Azobenzene
Concen: 7.501 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.7	7.0	47.0		
105	19.7	0.9	40.9		
51	27.4	6.6	46.6		

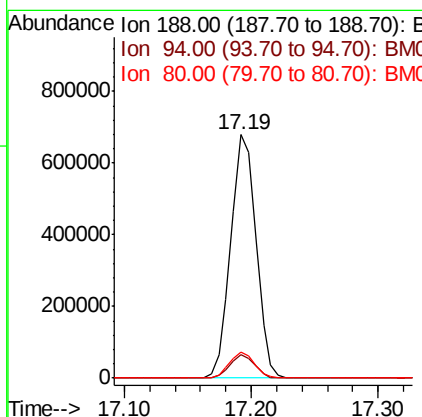
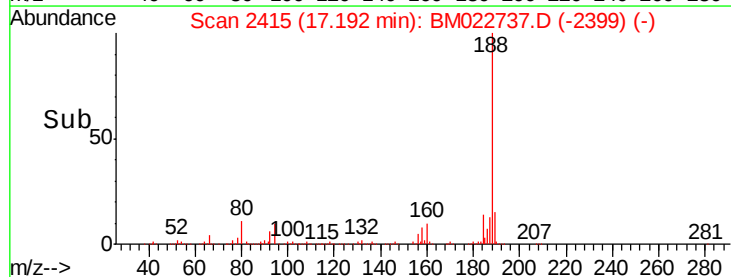
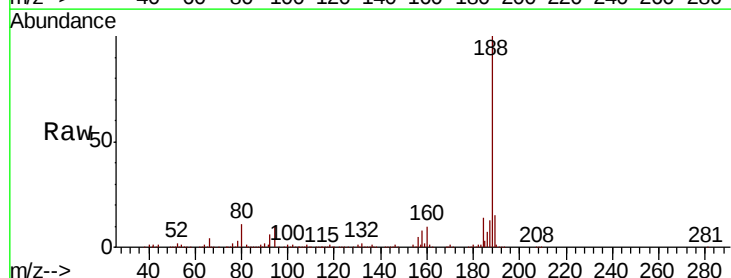
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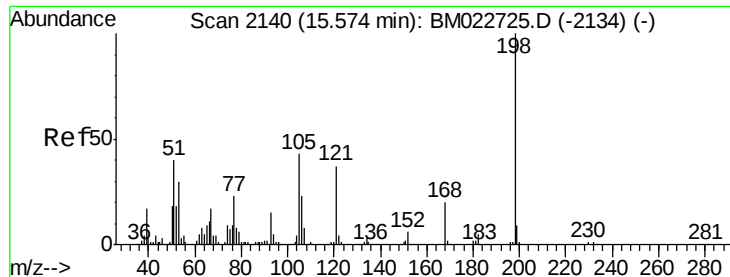
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.8	7.3	10.9		
80	10.5	7.8	11.8		





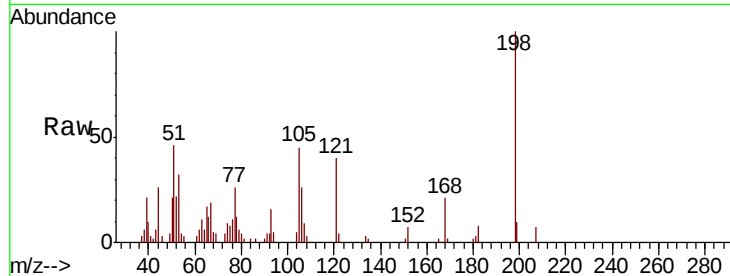
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.550 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	24369		
51	45.5		21.0	61.0
105	44.6		22.5	62.5

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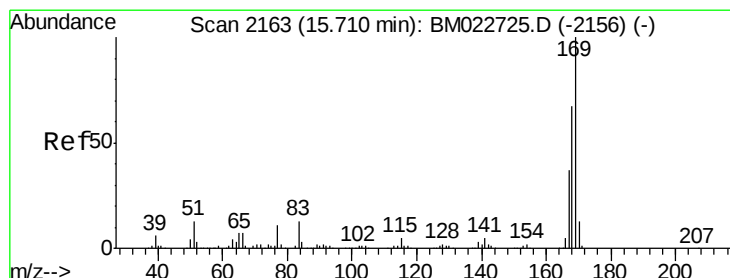
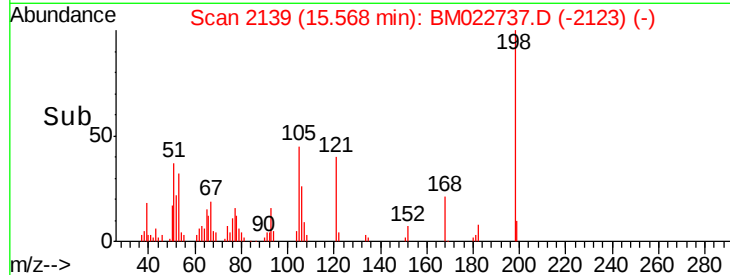
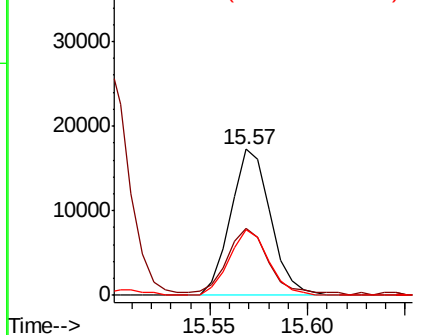


Abundance

Ion 198.00 (197.70 to 198.70): E

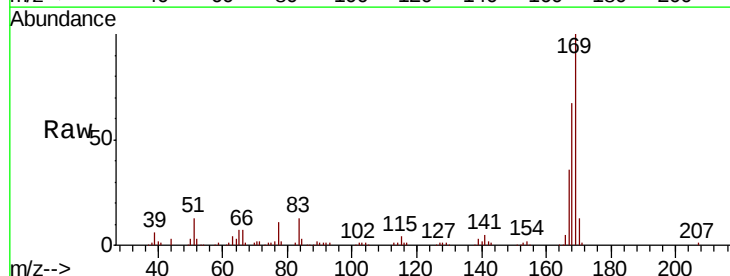
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 7.633 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	218624		
168	66.7		53.4	80.2
167	35.9		29.3	43.9

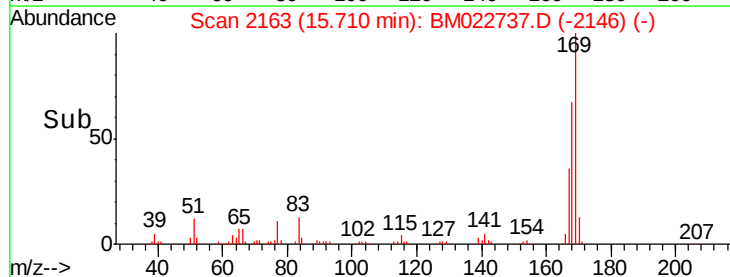
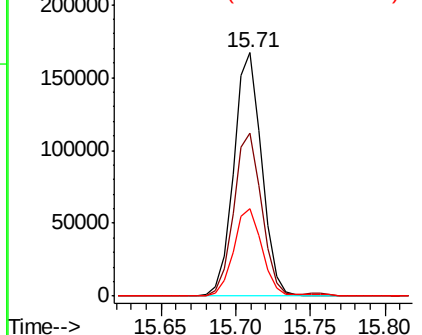


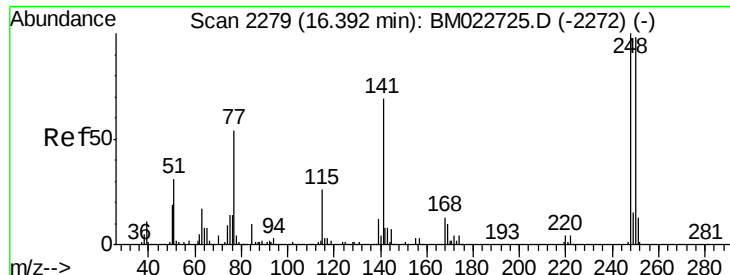
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





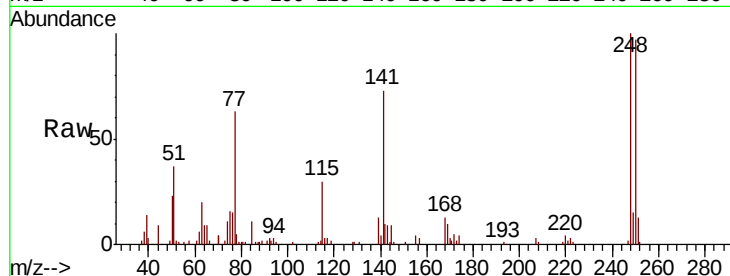
#67
 4-Bromophenyl-phenylether
 Concen: 7.031 ng
 RT: 16.39 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	73.2	55.1	82.7

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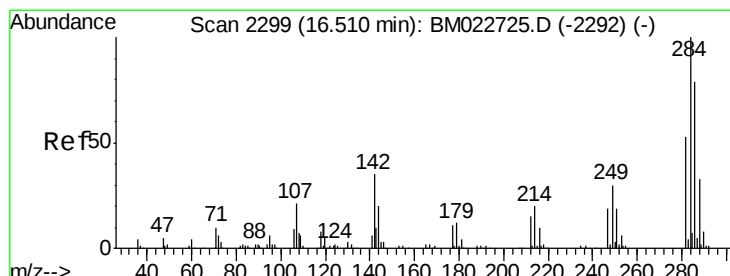
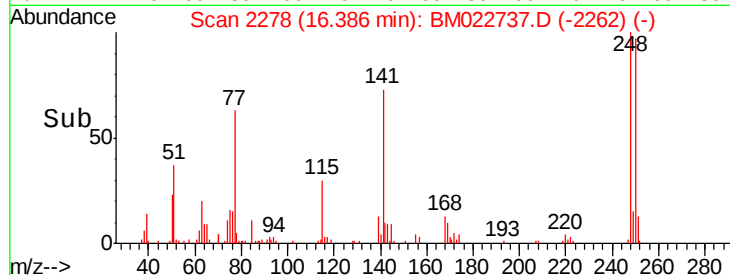
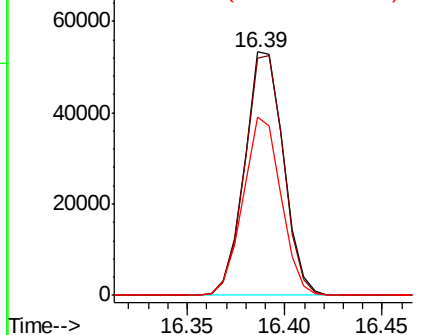


Abundance

Ion 248.00 (247.70 to 248.70): E

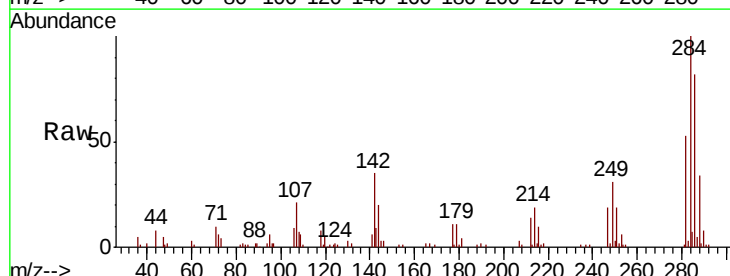
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 7.186 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	27.8	41.8
249	30.7	24.4	36.6

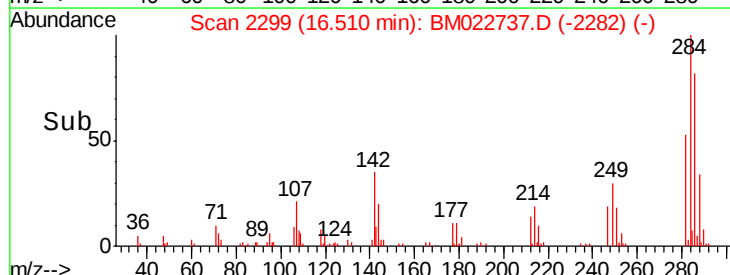
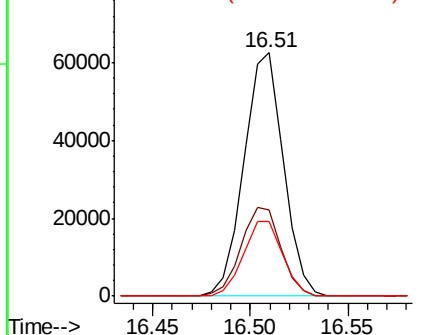


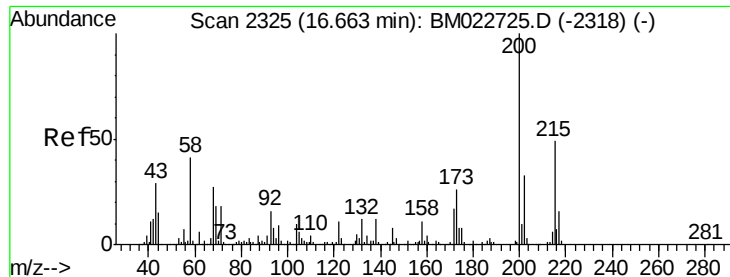
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





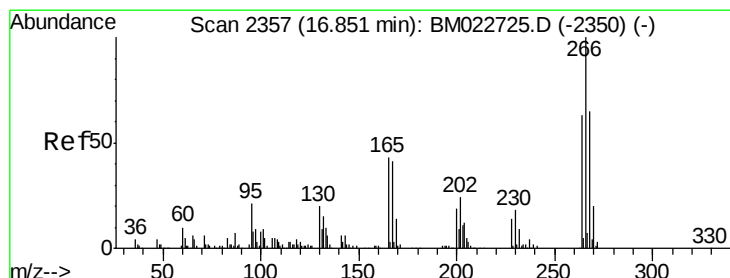
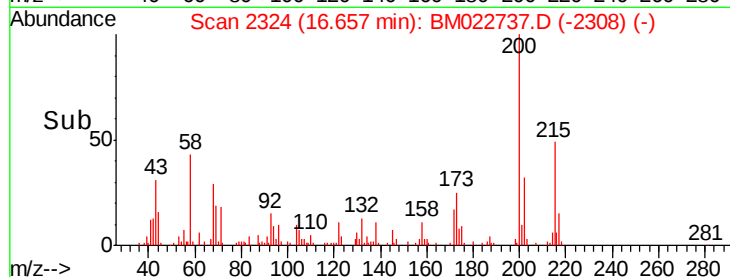
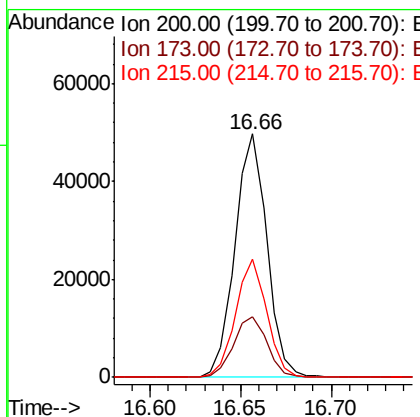
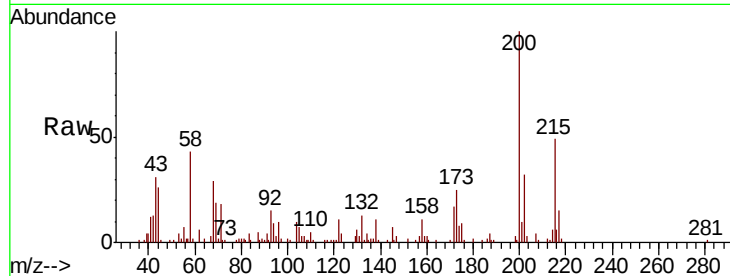
#69
Atrazine
Concen: 6.552 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	61006		
173	25.1		5.8	45.8
215	48.7		29.2	69.2

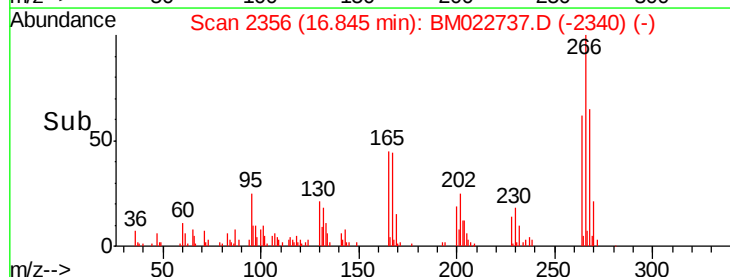
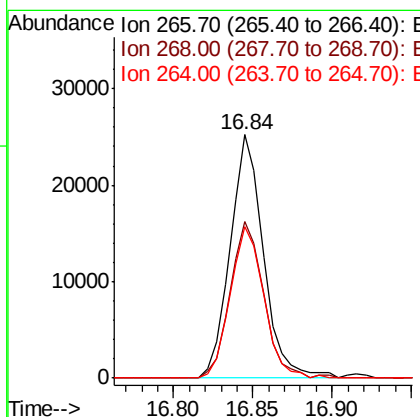
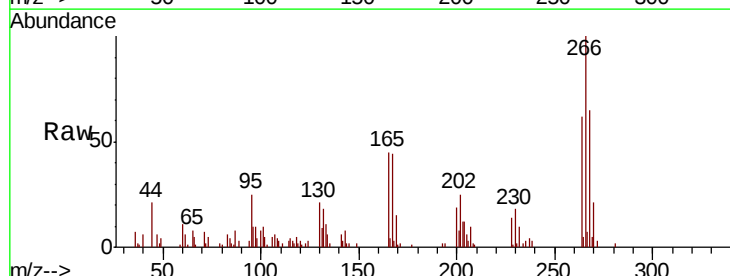
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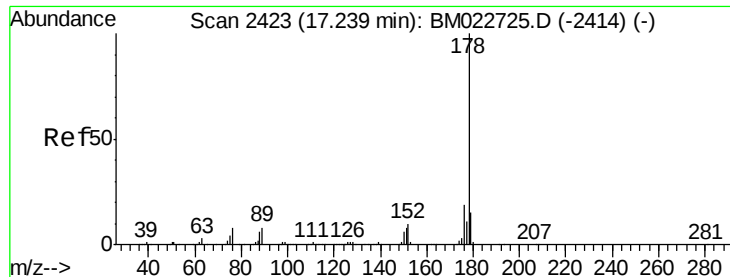
mohammad
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#70
Pentachlorophenol
Concen: 5.669 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	36764		
268	64.5		51.8	77.6
264	62.2		50.2	75.4





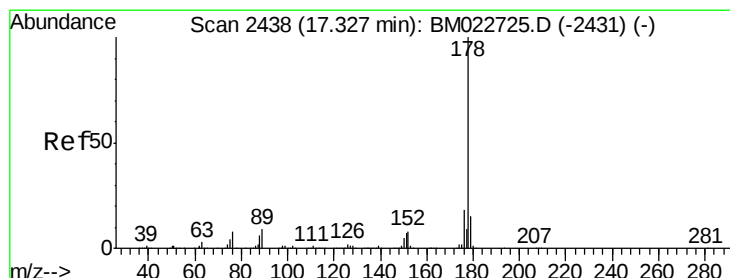
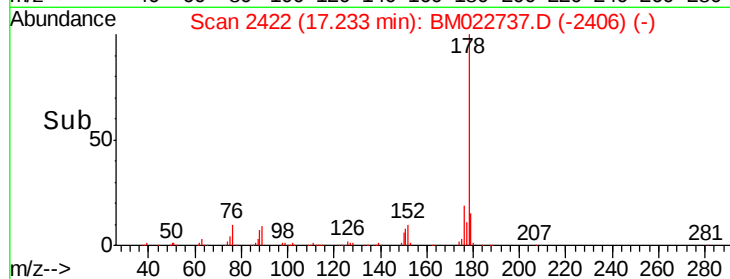
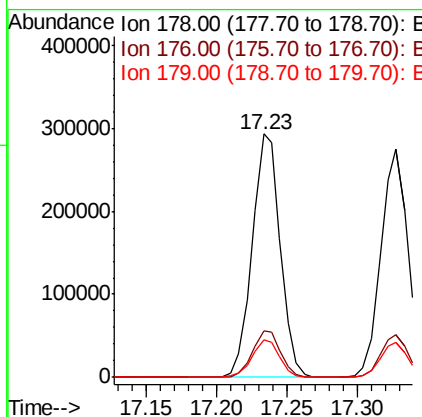
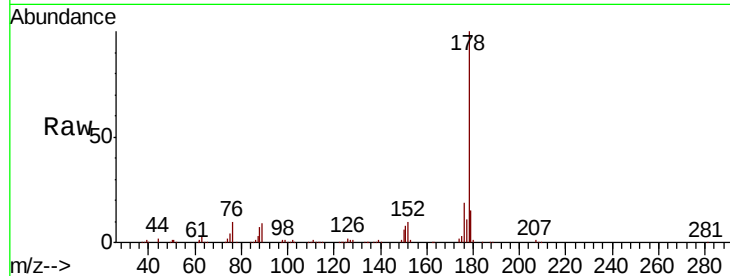
#71
Phenanthrene
Concen: 7.734 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.3	18.5

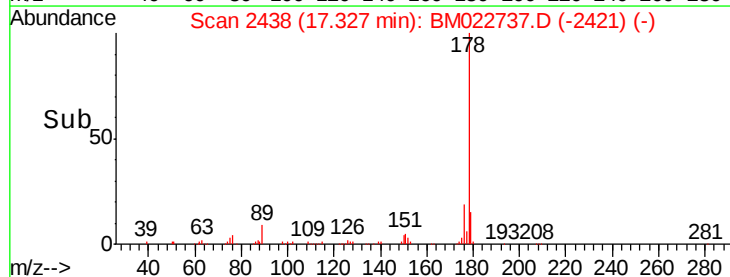
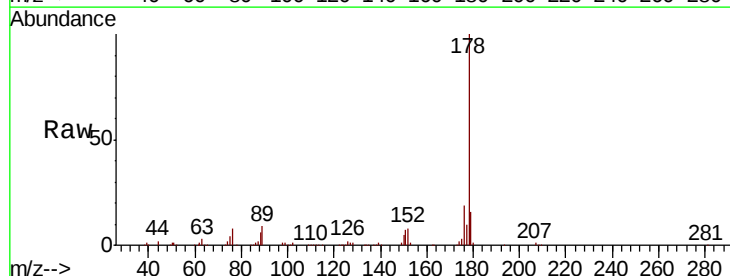
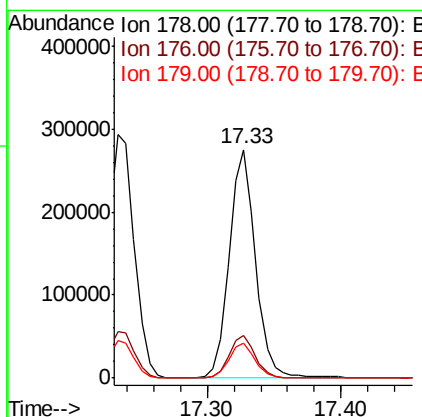
Manual Integrations
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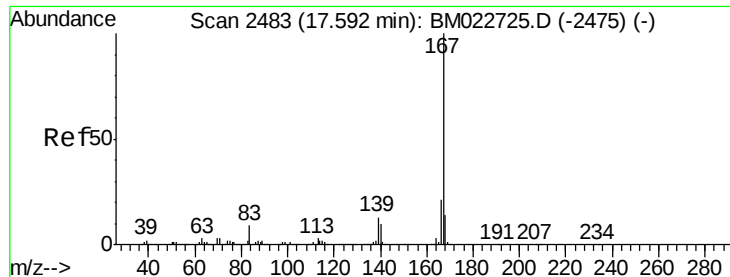
mohammad
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#72
Anthracene
Concen: 7.400 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.5	12.2	18.4





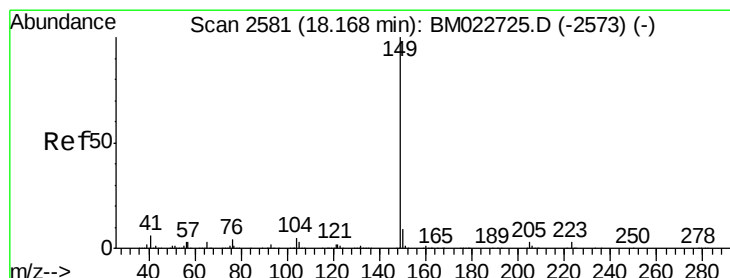
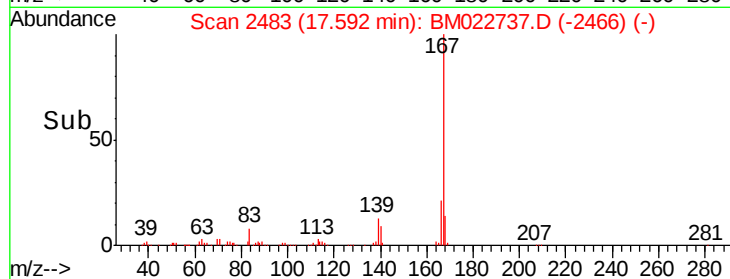
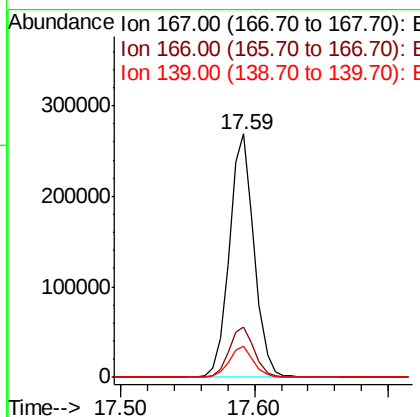
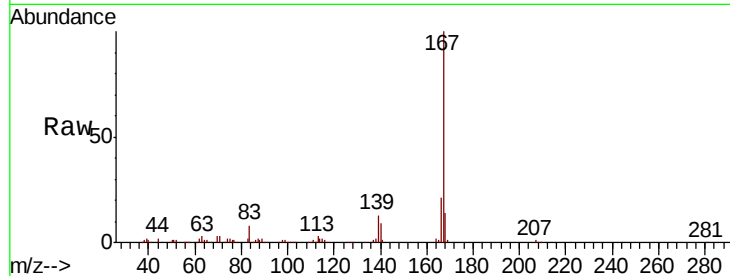
#73
 Carbazole
 Concen: 7.298 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	20.9	17.0	25.4	
139	12.7	10.1	15.1	

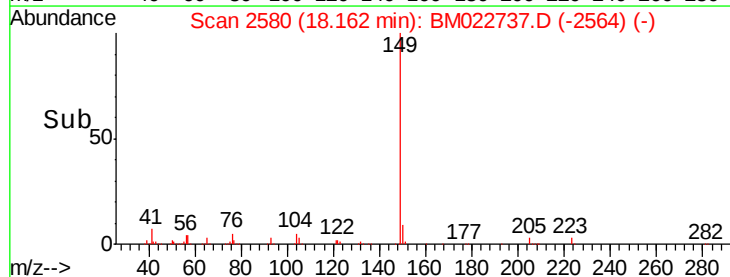
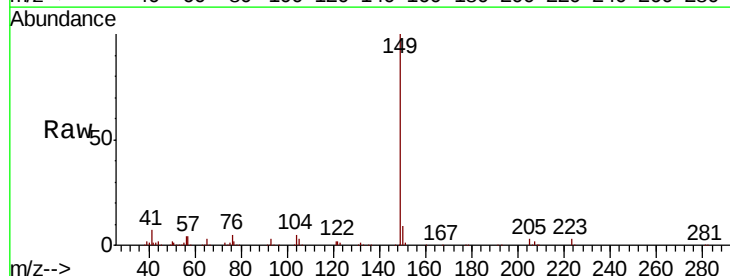
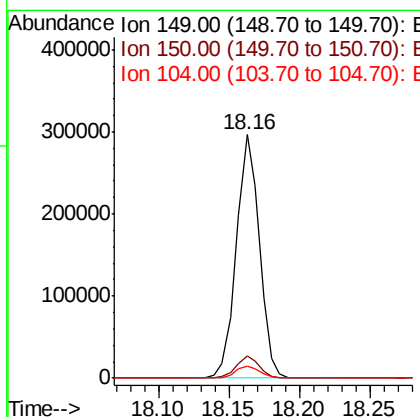
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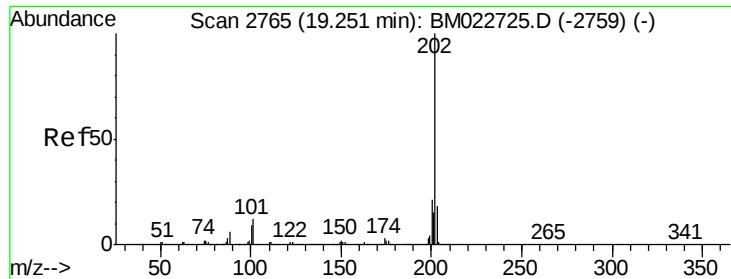
mohammad
 9/24/2019 8:35:01 AM



#74
 Di-n-butylphthalate
 Concen: 6.227 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.3	10.9	
104	4.8	3.8	5.6	





#75

Fluoranthene

Concen: 7.080 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

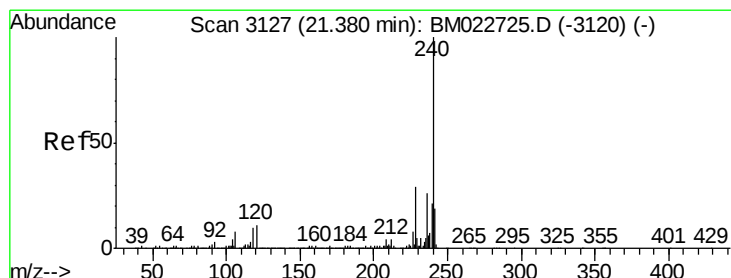
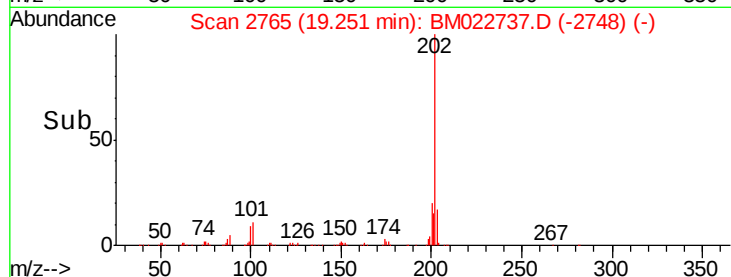
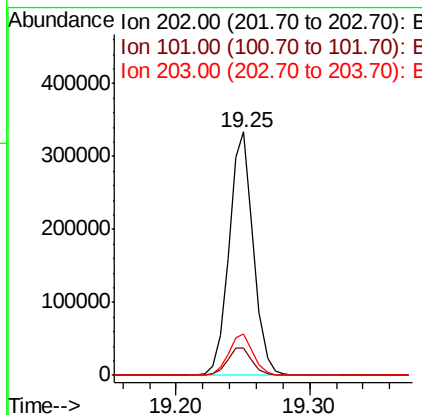
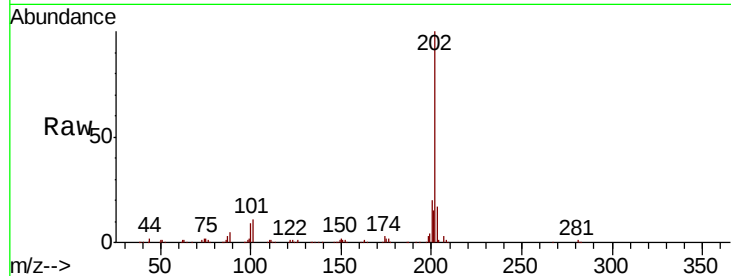
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
202	100	422643		
101	11.2	0.0	32.1	
203	17.2	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

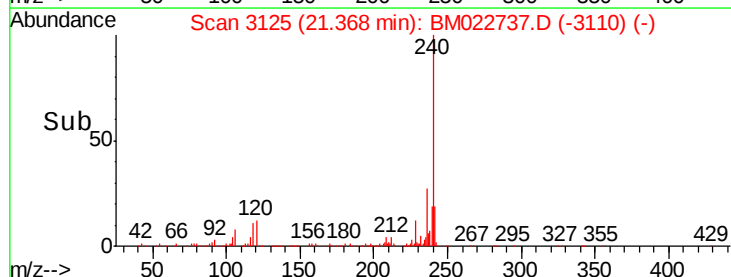
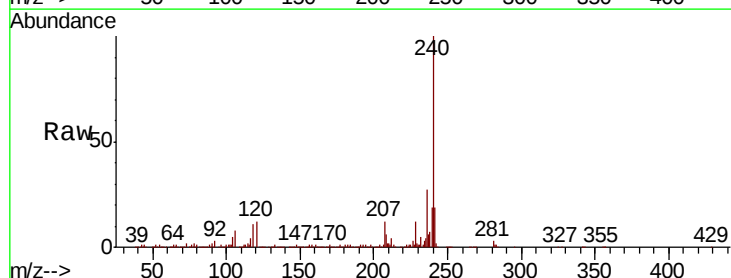
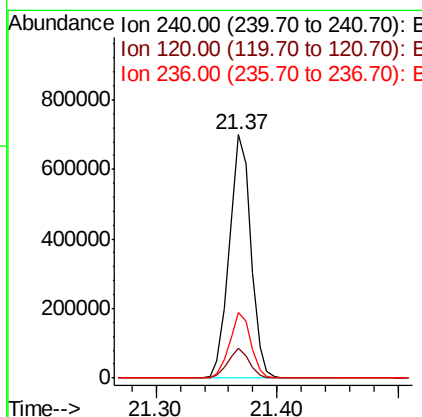
RT: 21.37 min Scan# 3125

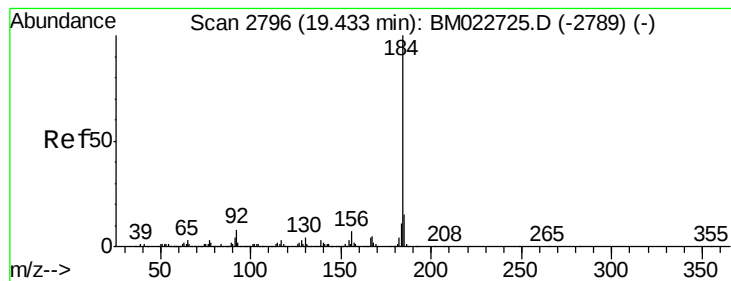
Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	873612		
120	12.0	8.8	13.2	
236	26.7	20.8	31.2	





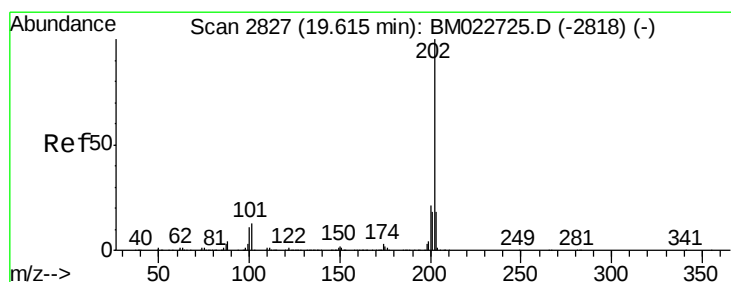
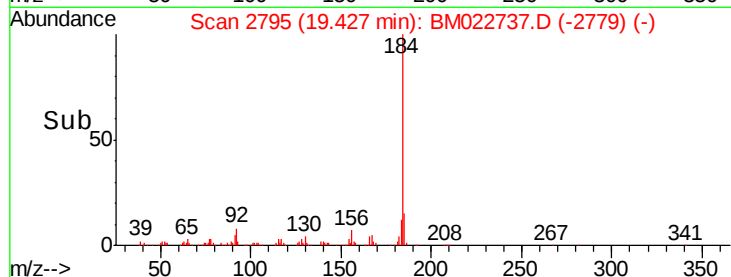
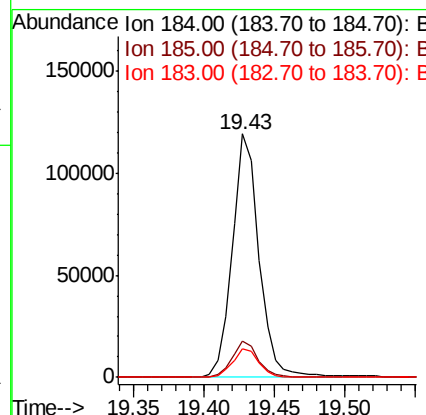
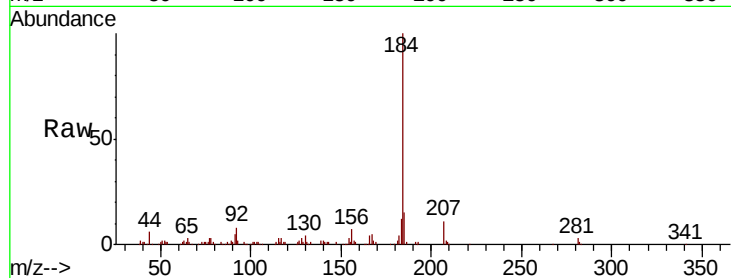
#77
Benzidine
Concen: 6.548 ng
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	11.6	17.4	
183	11.7	9.1	13.7	

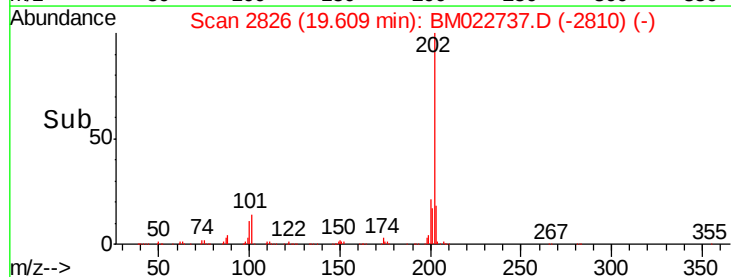
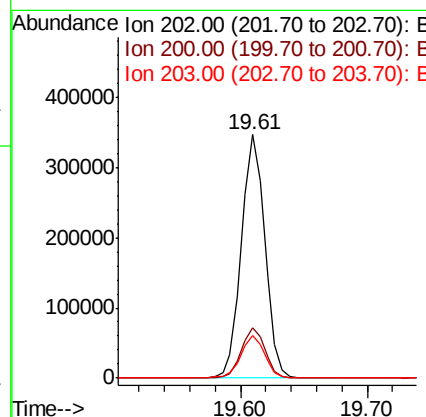
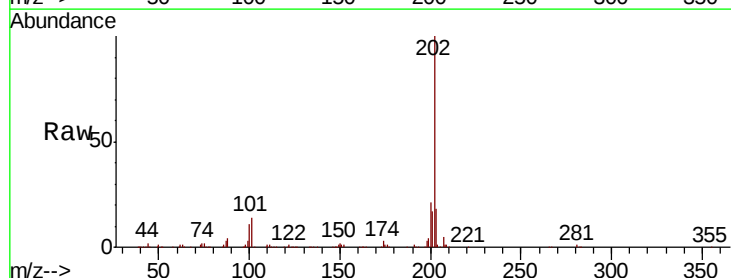
Manual Integrations
APPROVED

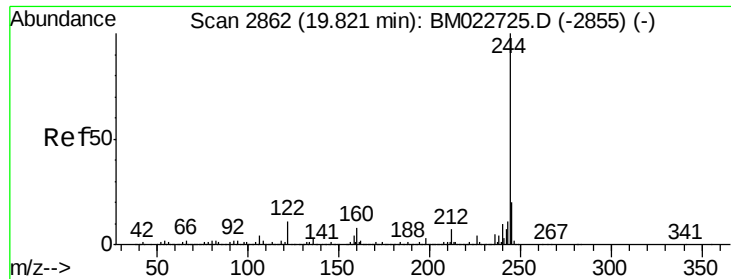
mohammad
9/24/2019 8:35:01 AM



#78
Pyrene
Concen: 7.767 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	16.7	25.1	
203	17.6	14.1	21.1	





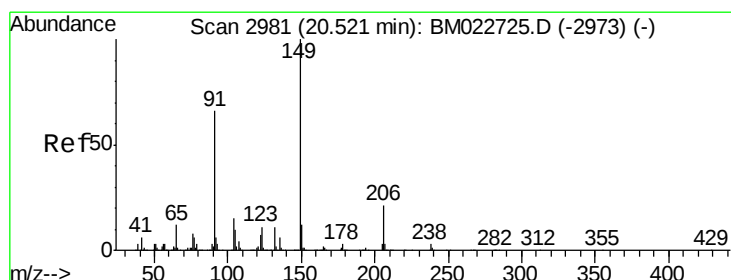
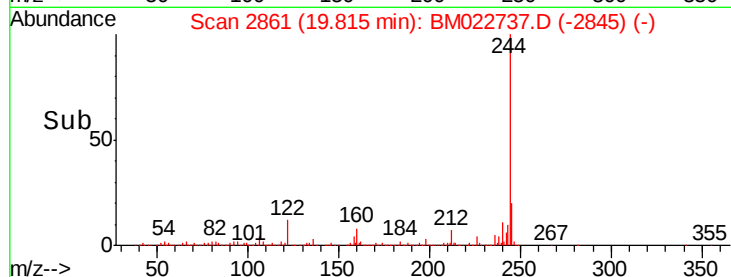
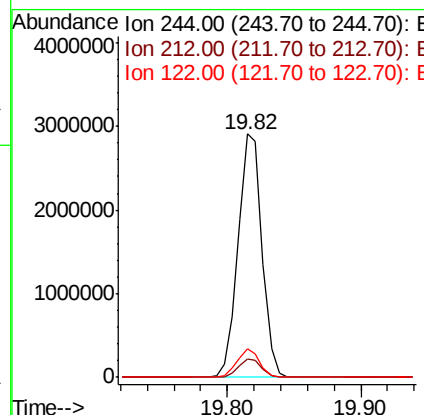
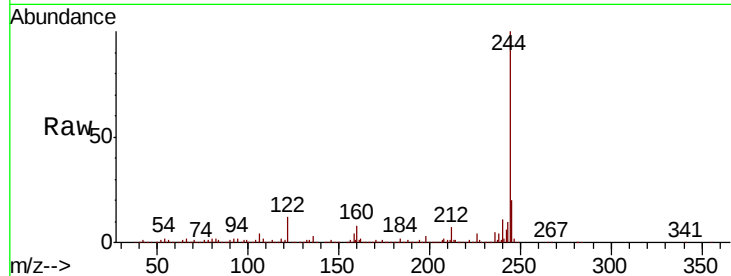
#79
 Terphenyl-d14
 Concen: 80.548 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.8	9.0	13.4

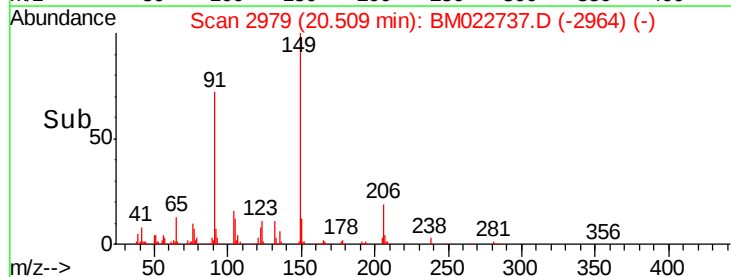
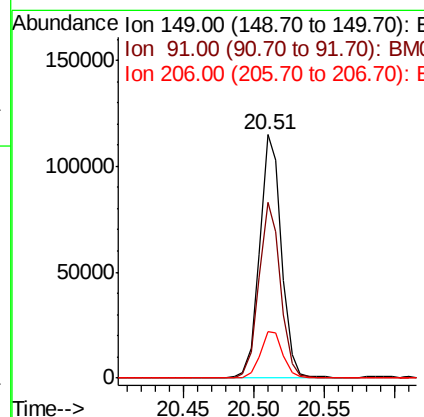
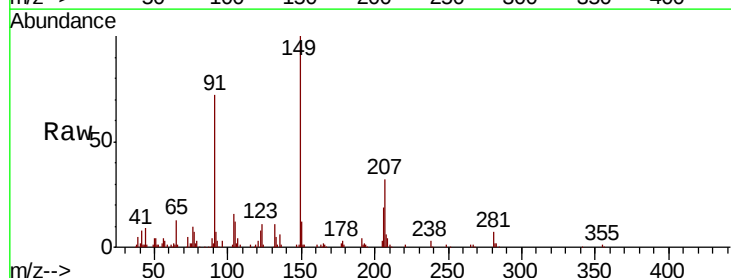
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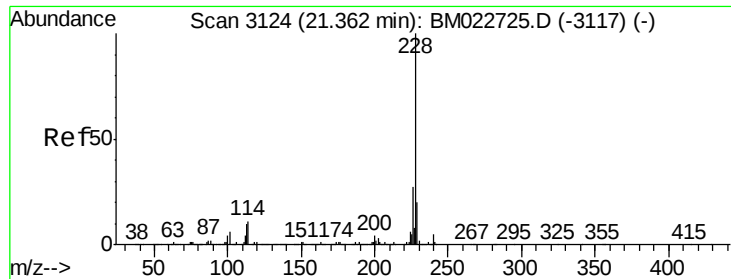
mohammad
 9/24/2019 8:35:01 AM



#80
 Butylbenzylphthalate
 Concen: 5.794 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	53.0	79.4
206	19.1	16.9	25.3





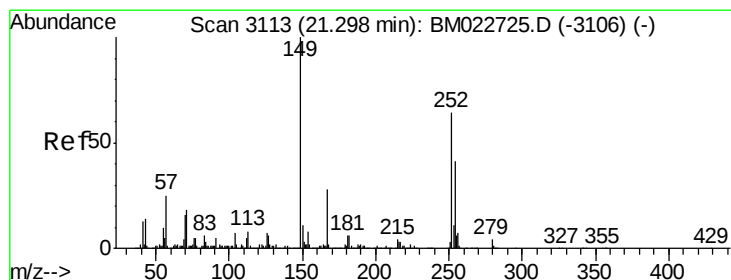
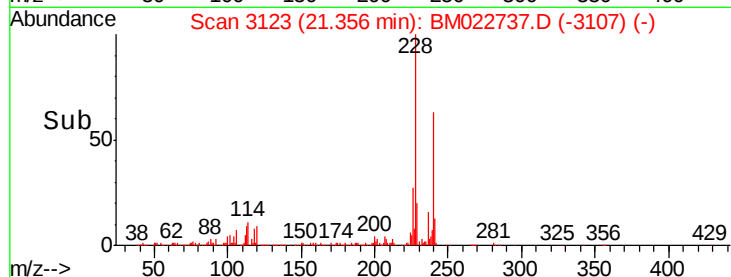
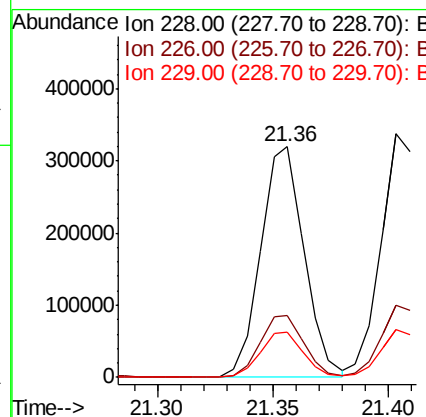
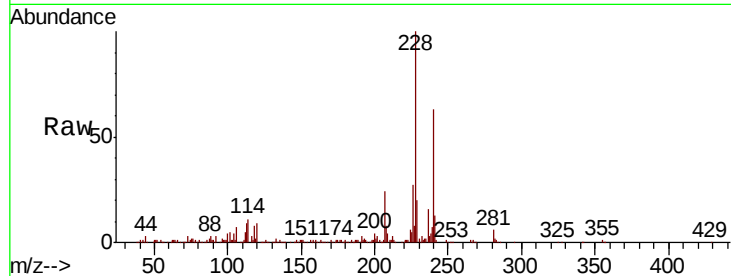
#81
Benzo(a)anthracene
Concen: 7.388 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.0	33.0
229	19.6	15.9	23.9

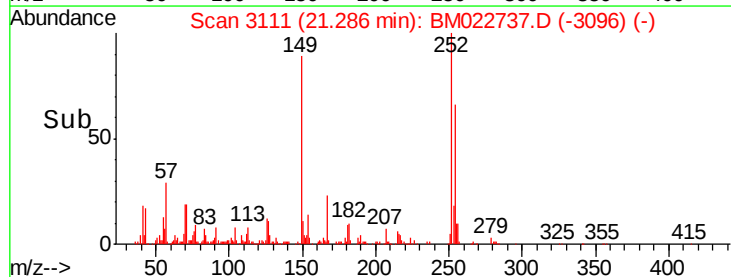
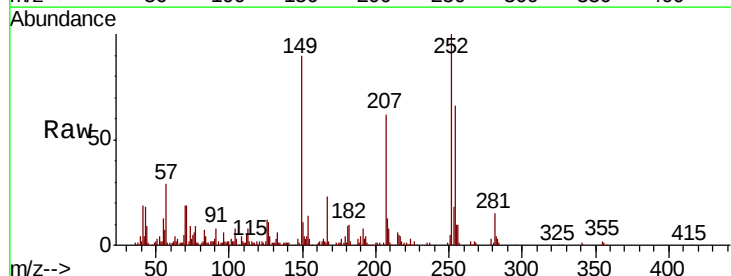
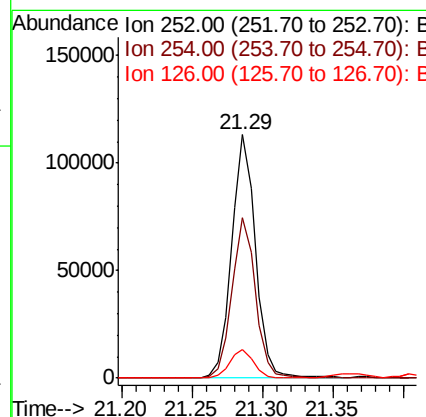
Manual Integrations
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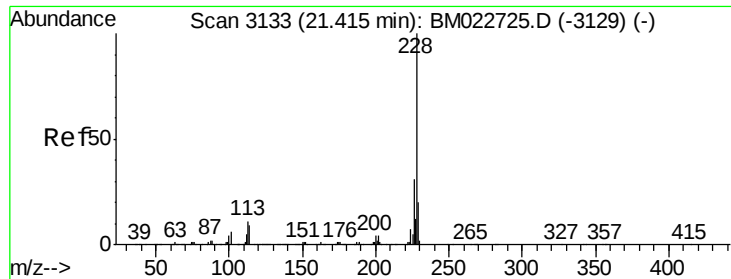
mohammad
9/24/2019 8:35:01 AM



#82
3,3'-Dichlorobenzidine
Concen: 6.643 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.7	77.5
126	11.8	8.3	12.5





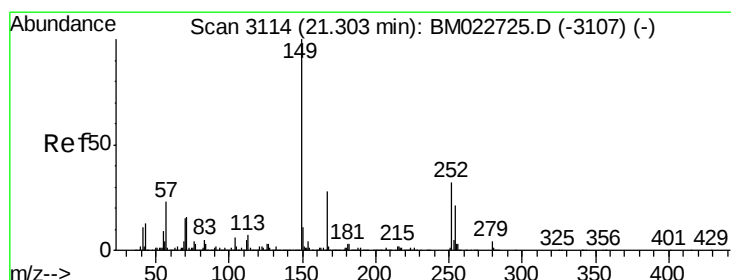
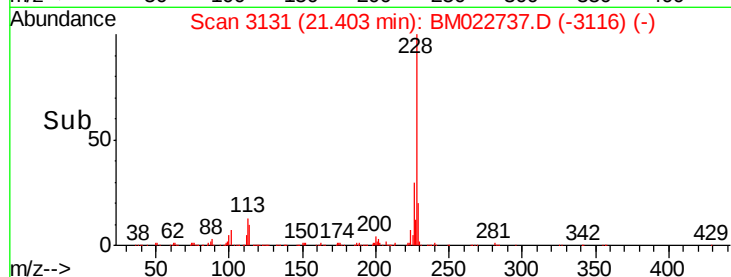
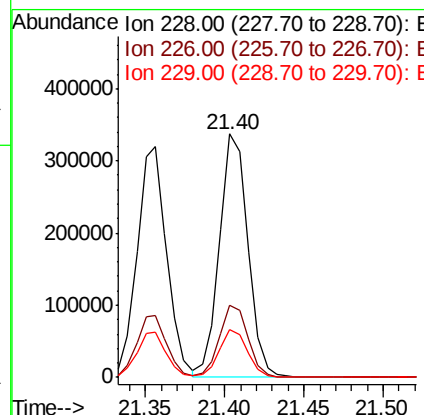
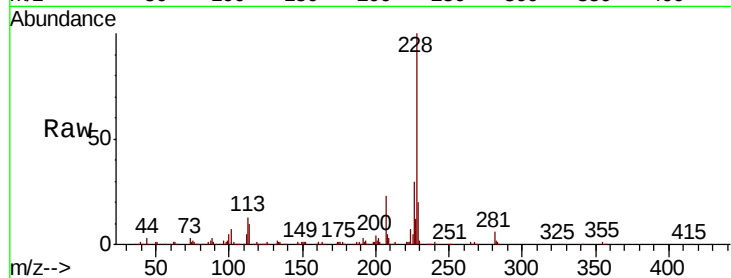
#83
Chrysene
Concen: 7.648 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.8	15.9	23.9

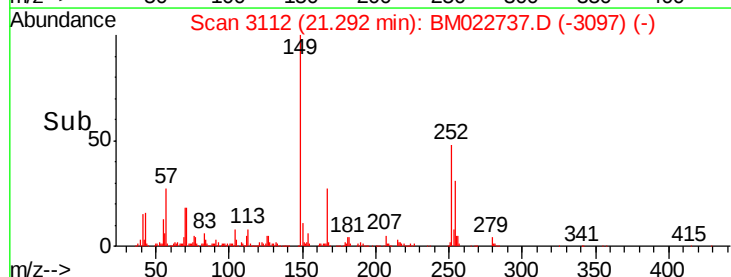
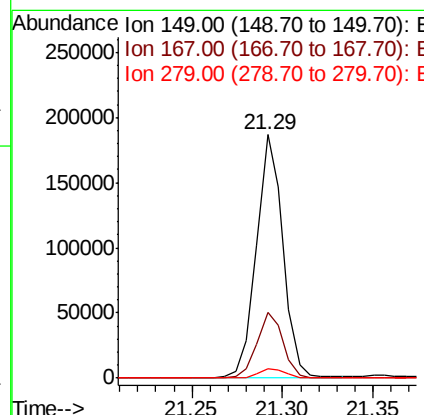
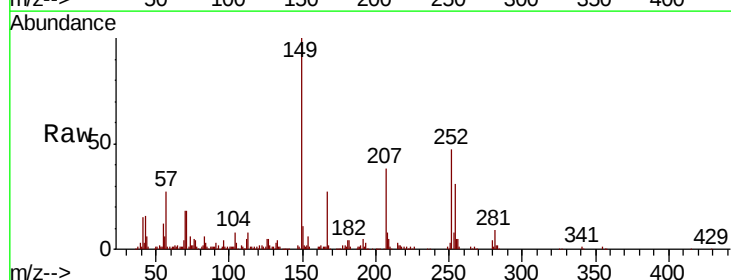
Manual Integrations
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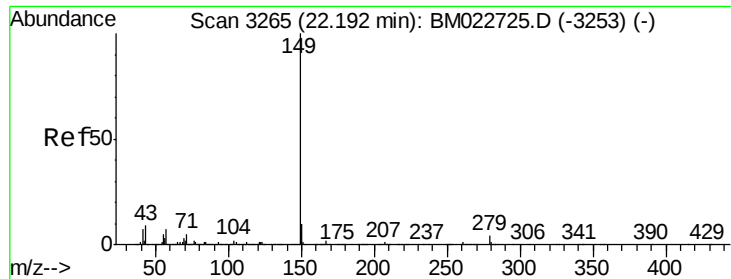
mohammad
9/24/2019 8:35:01 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.831 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	3.6	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 5.409 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

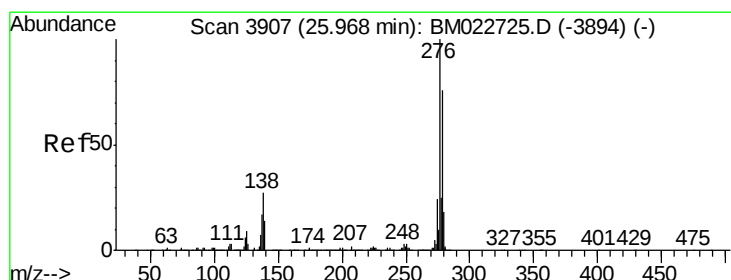
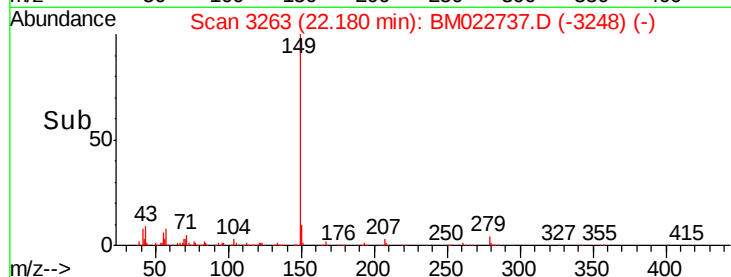
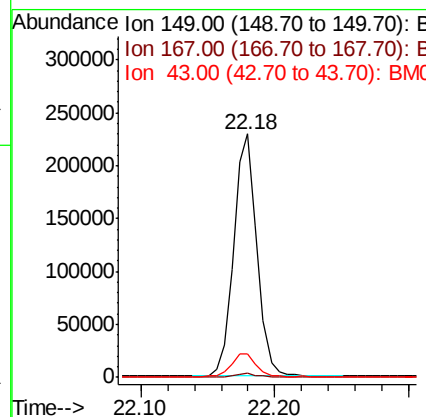
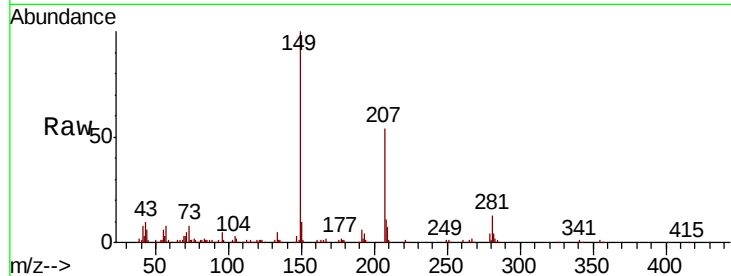
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	149	Resp:	277935
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.4	7.4	11.0

Manual Integrations
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mohammad
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#86

Indeno(1,2,3-cd)pyrene

Concen: 6.730 ng

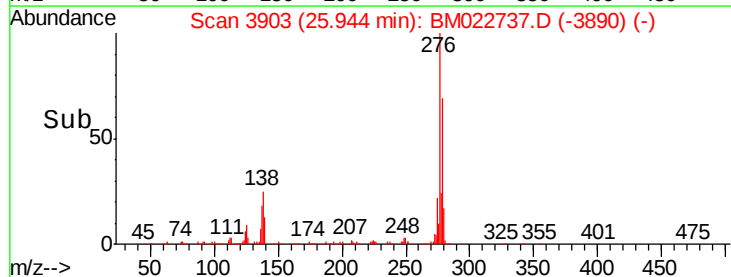
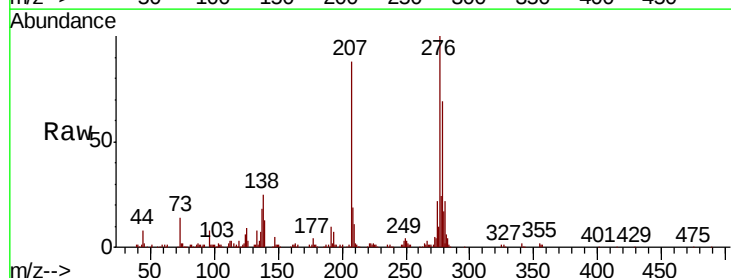
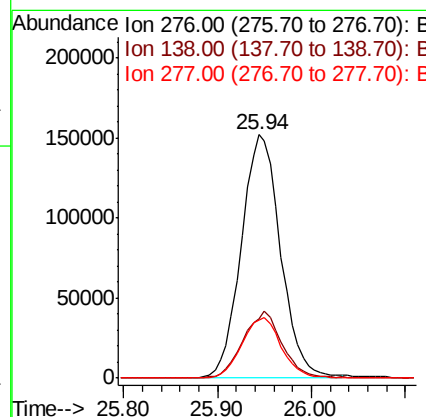
RT: 25.94 min Scan# 3903

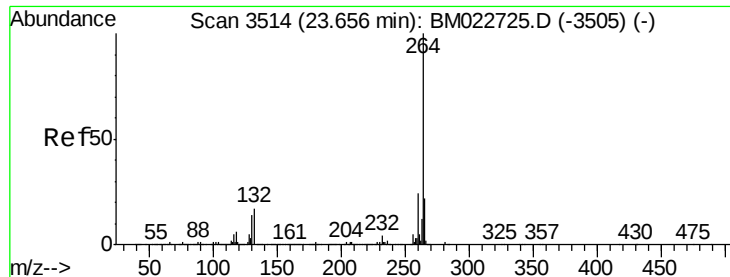
Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	276	Resp:	440902
Ion Ratio	Lower	Upper	
276	100		
138	27.1	0.0	0.0#
277	25.1	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

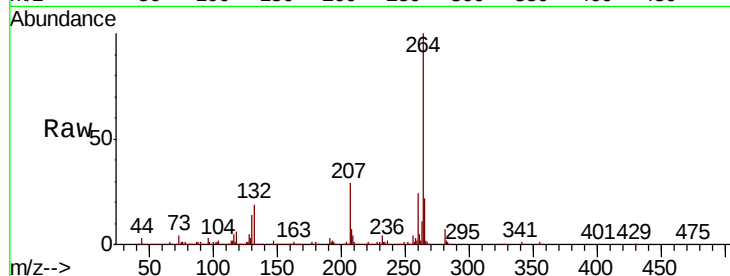
ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:	264	Resp:	888312
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.1	28.7
265	22.4	17.9	26.9

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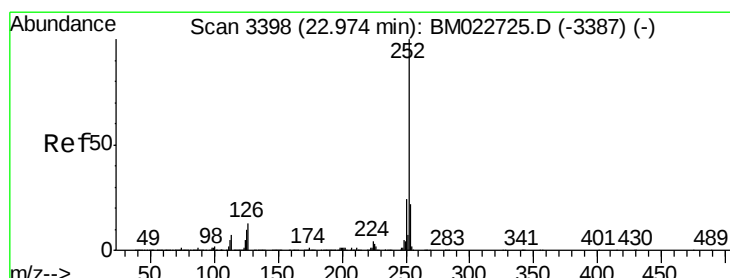
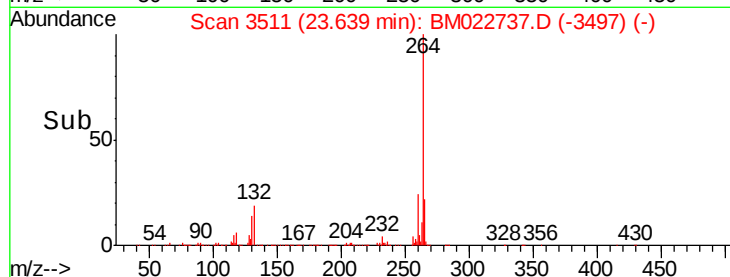
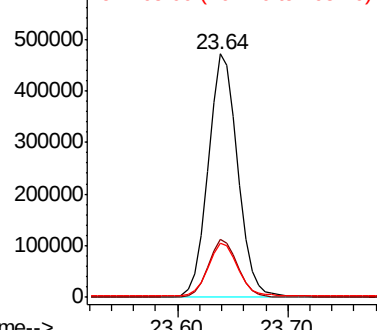


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.519 ng

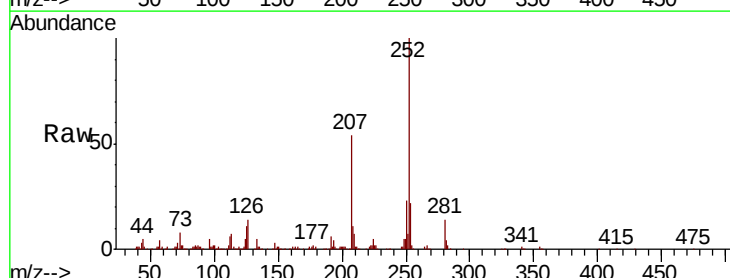
RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:	252	Resp:	404433
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	11.2	8.2	12.4

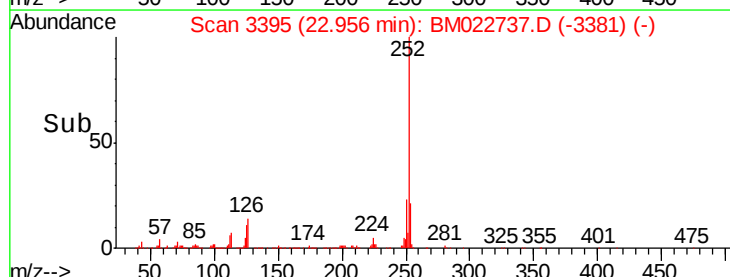
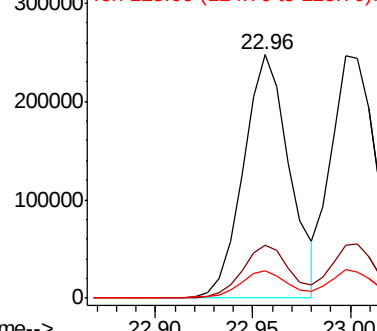


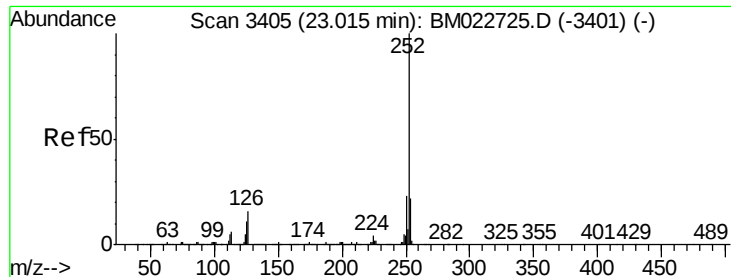
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





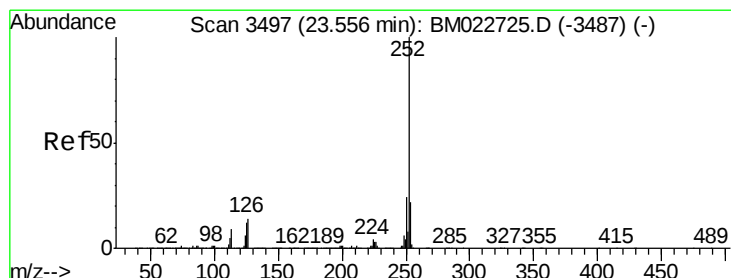
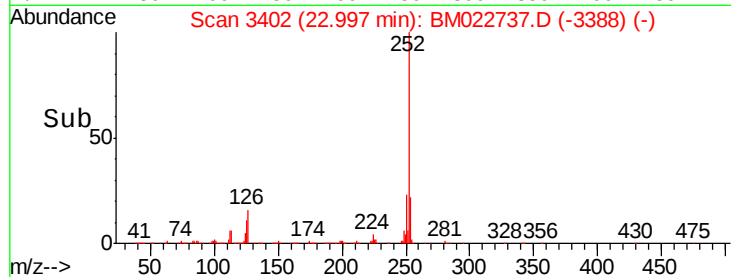
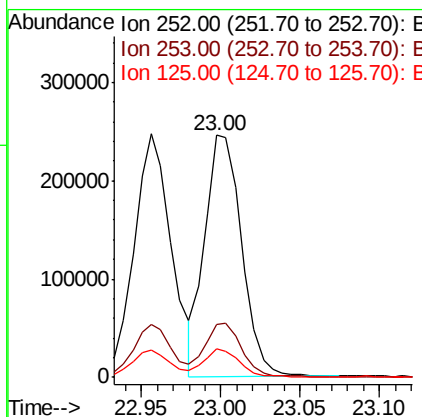
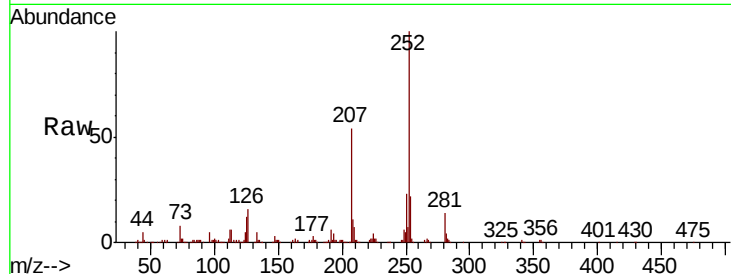
#89
Benzo(k)fluoranthene
Concen: 7.434 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.02 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.7	8.5	12.7

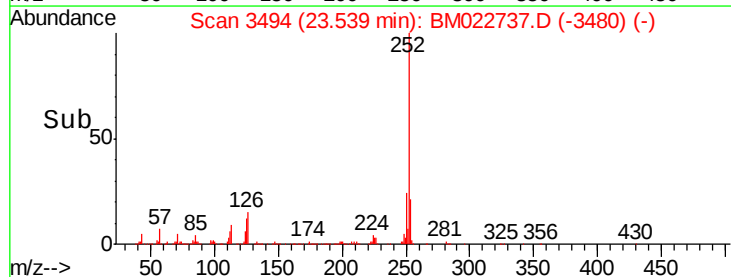
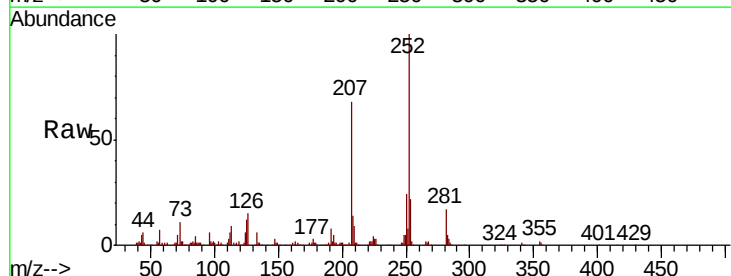
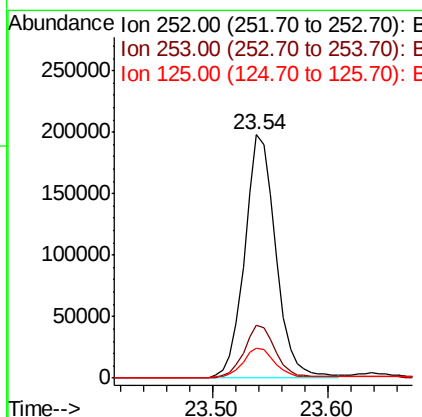
Manual Integrations
APPROVED

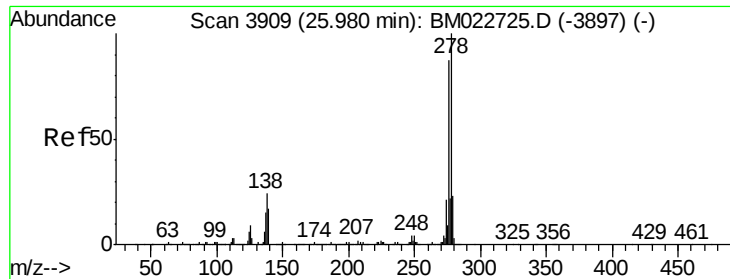
mohammad
9/24/2019 8:35:01 AM



#90
Benzo(a)pyrene
Concen: 7.439 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	12.2	9.3	13.9





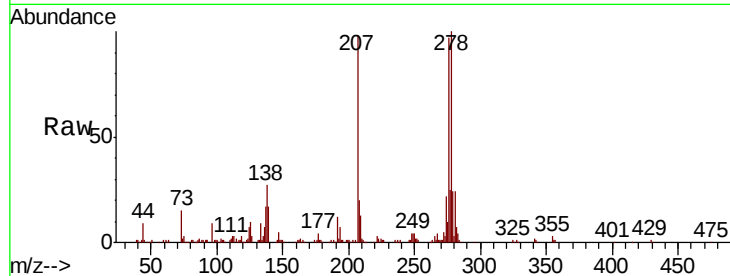
#91
Dibenzo(a,h)anthracene
Concen: 7.202 ng
RT: 25.96 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.7	20.5
279	24.1	18.6	28.0

Manual Integrations
APPROVED

mohammad
9/24/2019 8:35:01 AM

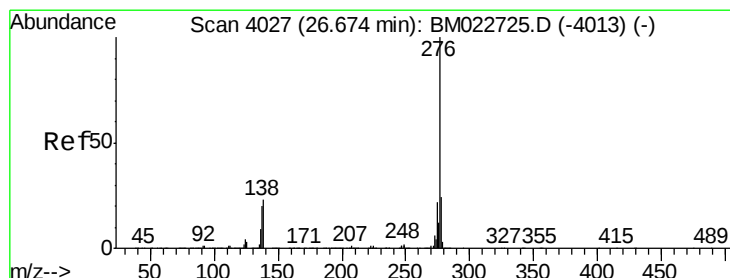
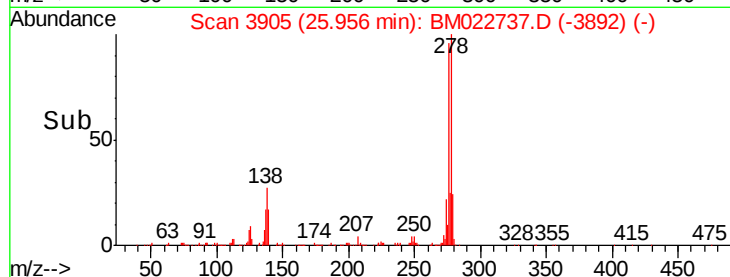
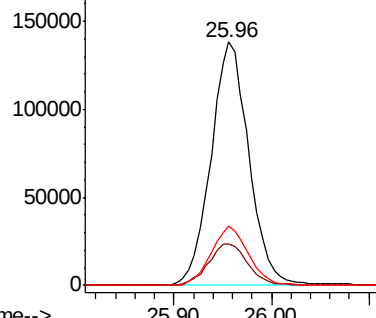


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.294 ng
RT: 26.65 min Scan# 4023
Delta R.T. -0.02 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.6	18.5	27.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

