

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026738.D
 Acq On : 10 Jul 2020 17:38
 Operator : JU/CG
 Sample : L3183-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Manual Integrations
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Quant Time: Jul 10 18:13:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	92209	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	344098	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	191652	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	398554	20.00	ng	0.00
76) Chrysene-d12	20.97	240	444557	20.00	ng	0.00
86) Perylene-d12	23.03	264	451508	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	757849	137.75	ng	0.00
7) Phenol-d6	6.54	99	898184	102.47	ng	0.00
23) Nitrobenzene-d5	8.47	82	730453	90.57	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	368917	132.14	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1359059	94.29	ng	0.00
79) Terphenyl-d14	19.41	244	2251531	99.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.96	88	117279	44.368	ng	# 33
3) Pyridine	3.34	79	289937	38.350	ng	98
4) n-Nitrosodimethylamine	3.25	42	191952	42.418	ng	94
6) Aniline	6.67	93	320471	29.788	ng	97
8) 2-Chlorophenol	6.90	128	287026	43.799	ng	98
9) Benzaldehyde	6.49	77	76385	15.702	ng	96
10) Phenol	6.56	94	326558	37.696	ng	96
11) bis(2-Chloroethyl)ether	6.77	93	292277	40.351	ng	98
12) 1,3-Dichlorobenzene	7.21	146	309460	43.443	ng	96
13) 1,4-Dichlorobenzene	7.36	146	312756	43.134	ng	99
14) 1,2-Dichlorobenzene	7.66	146	305235	42.260	ng	98
15) Benzyl Alcohol	7.58	79	290308	38.709	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	547819	36.643	ng	99
17) 2-Methylphenol	7.79	107	234744	35.656	ng	98
18) Hexachloroethane	8.37	117	119216	41.398	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	260363	35.700	ng	94
20) 3+4-Methylphenols	8.12	107	313546	34.642	ng	99
22) Acetophenone	8.15	105	436650	44.655	ng	# 96
24) Nitrobenzene	8.52	77	373492	44.018	ng	96
25) Isophorone	9.04	82	631998	40.863	ng	99
26) 2-Nitrophenol	9.22	139	148184	47.318	ng	96
27) 2,4-Dimethylphenol	9.30	122	231944	45.547	ng	99
28) bis(2-Chloroethoxy)methane	9.53	93	368717	43.154	ng	100
29) 2,4-Dichlorophenol	9.75	162	253440	45.191	ng	98
30) 1,2,4-Trichlorobenzene	9.95	180	279318	44.645	ng	99
31) Naphthalene	10.13	128	835522	43.657	ng	99
32) Benzoic acid	9.49	122	161156	38.164	ng	94
33) 4-Chloroaniline	10.26	127	82585	9.864	ng	97
34) Hexachlorobutadiene	10.42	225	178209	43.009	ng	98
35) Caprolactam	11.06	113	69096m	34.781	ng	
36) 4-Chloro-3-methylphenol	11.41	107	291507	41.128	ng	99
37) 2-Methylnaphthalene	11.75	142	591473	41.720	ng	99
38) 1-Methylnaphthalene	11.98	142	557645	41.056	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	300906	48.568	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	212066	62.410	nq	99
43) 2,4,6-Trichlorophenol	12.40	196	200752	49.465	nq	99
44) 2,4,5-Trichlorophenol	12.47	196	218659	45.849	nq	99
46) 1,1'-Biphenyl	12.80	154	720137	47.570	nq	99
47) 2-Chloronaphthalene	12.84	162	564668	46.173	nq	99
48) 2-Nitroaniline	13.07	65	227327	45.169	nq	97
49) Acenaphthylene	13.70	152	871835	44.594	nq	100
50) Dimethylphthalate	13.47	163	924402	56.391	nq	100
51) 2,6-Dinitrotoluene	13.59	165	155408	44.272	nq	96
52) Acenaphthene	14.05	154	528787	44.505	nq	98
53) 3-Nitroaniline	13.92	138	105925	29.006	nq	96
54) 2,4-Dinitrophenol	14.14	184	107089	46.847	nq	95
55) Dibenzofuran	14.39	168	849090	43.585	nq	97
56) 4-Nitrophenol	14.26	139	237627	74.906	nq	98
57) 2,4-Dinitrotoluene	14.39	165	218883	43.203	nq	99
58) Fluorene	15.05	166	690803	42.828	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	197887	47.513	nq	98
60) Diethylphthalate	14.85	149	730545	42.146	nq	99
61) 4-Chlorophenyl-phenylether	15.05	204	355939	40.731	nq	97
62) 4-Nitroaniline	15.09	138	158139m	37.776	nq	
63) Azobenzene	15.35	77	814147	42.763	nq	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	78612	28.886	nq	99
66) n-Nitrosodiphenylamine	15.27	169	593077	46.827	nq	98
67) 4-Bromophenyl-phenylether	15.95	248	215176	43.375	nq	98
68) Hexachlorobenzene	16.06	284	235189	45.045	nq	97
69) Atrazine	16.24	200	188934	49.607	nq	98
70) Pentachlorophenol	16.41	266	314762	106.565	nq	98
71) Phenanthrene	16.79	178	1068500	45.413	nq	99
72) Anthracene	16.88	178	1108367	47.320	nq	100
73) Carbazole	17.16	167	1015250	45.464	nq	99
74) Di-n-butylphthalate	17.74	149	1300730	46.324	nq	99
75) Fluoranthene	18.82	202	1324737	45.713	nq	100
77) Benzidine	19.03	184	682989	77.927	nq	99
78) Pyrene	19.19	202	1349813	48.200	nq	100
80) Butylbenzylphthalate	20.13	149	621380	49.445	nq	92
81) Benzo(a)anthracene	20.95	228	1382838	46.308	nq	99
82) 3,3'-Dichlorobenzidine	20.90	252	493222	52.040	nq	99
83) Chrysene	21.00	228	1333802	45.891	nq	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	967901	48.076	nq	99
85) Di-n-octyl phthalate	21.76	149	1666512	48.429	nq	100
87) Indeno(1,2,3-cd)pyrene	25.05	276	1675687	52.132	nq	100
88) Benzo(b)fluoranthene	22.43	252	1451391	48.787	nq	100
89) Benzo(k)fluoranthene	22.48	252	1388825	47.593	nq	99
90) Benzo(a)pyrene	22.95	252	1310219	47.441	nq	99
91) Dibenzo(a,h)anthracene	25.06	278	1412781	52.066	nq	98
92) Benzo(g,h,i)perylene	25.66	276	1357556	54.300	nq	99

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

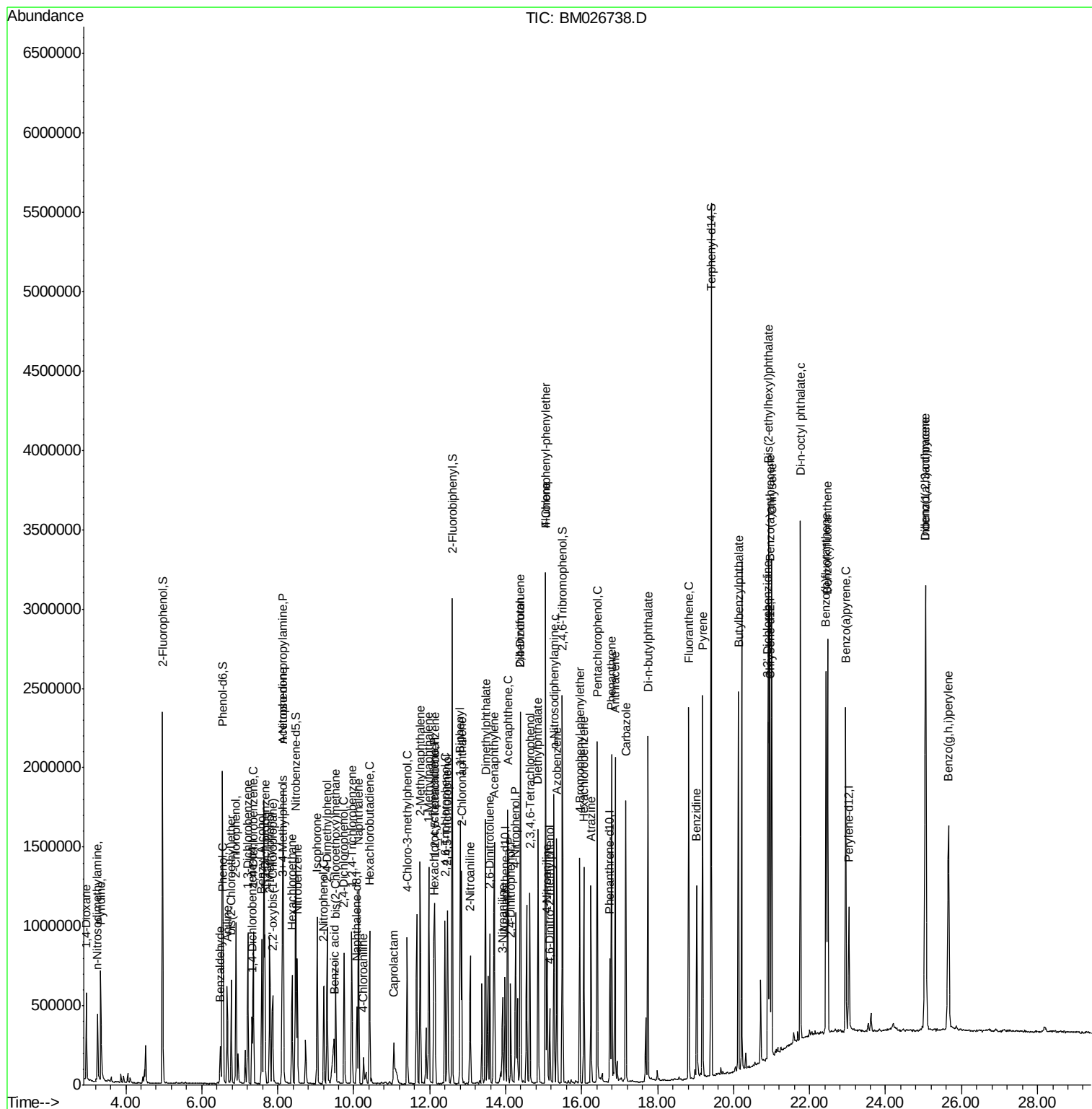
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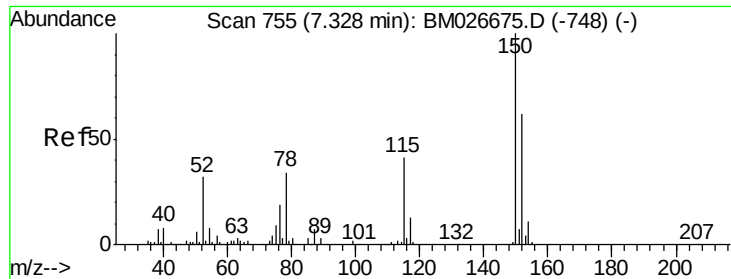
Instrument :
BNA_M
ClientSampleId :
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#1

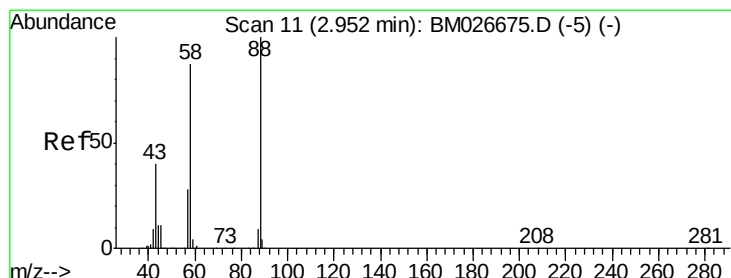
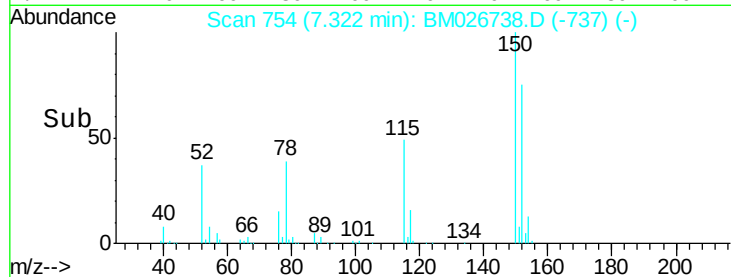
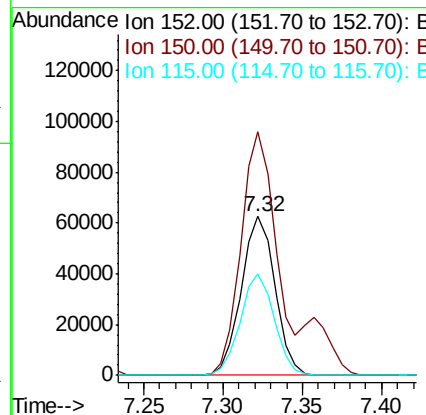
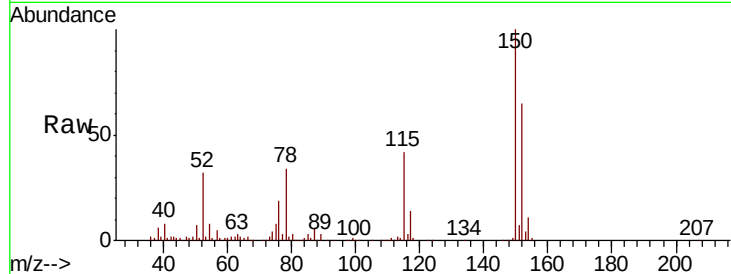
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	128.1	192.1
115	64.3	52.2	78.4

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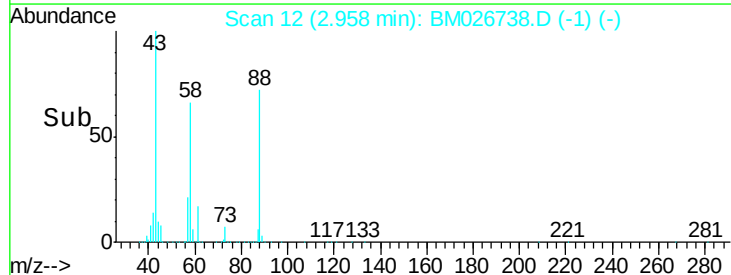
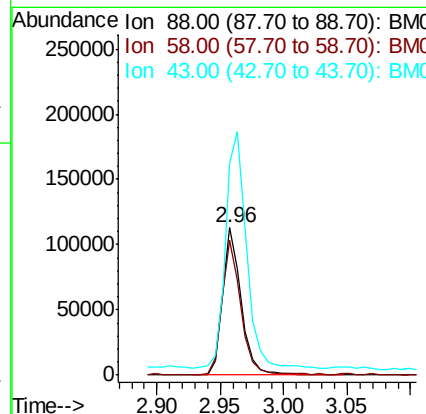
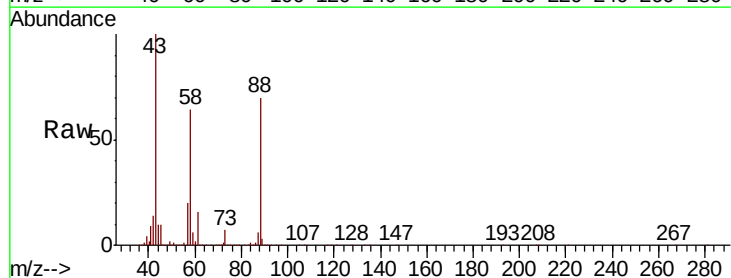
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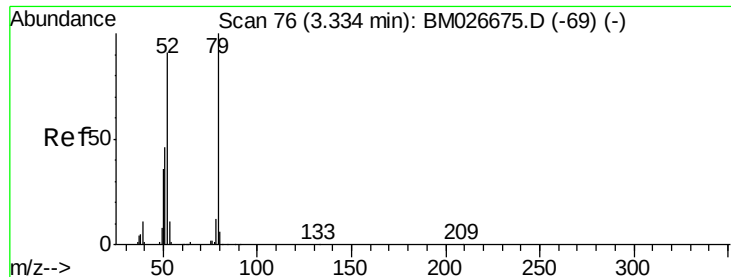


#2

1,4-Dioxane
Concen: 44.368 ng
RT: 2.96 min Scan# 12
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	73.2	109.8
43	176.2	34.3	51.5#





#3

Pvridine

Concen: 38.350 ng

RT: 3.34 min Scan# 77

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

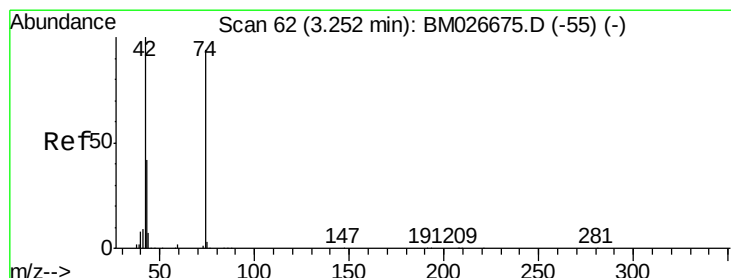
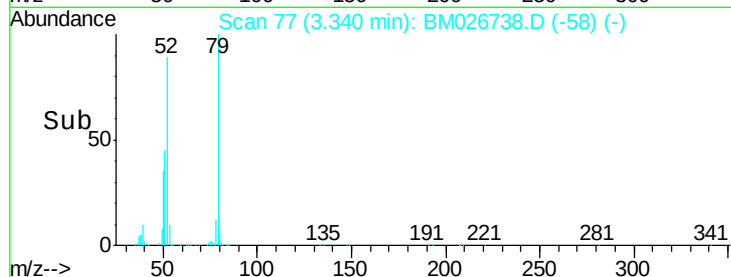
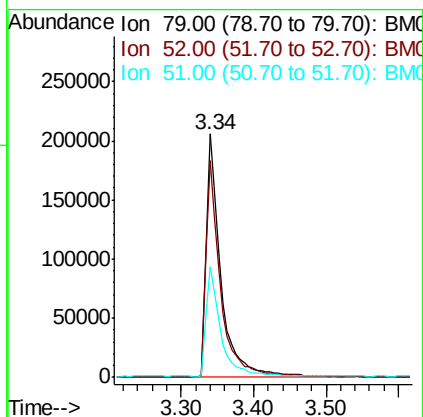
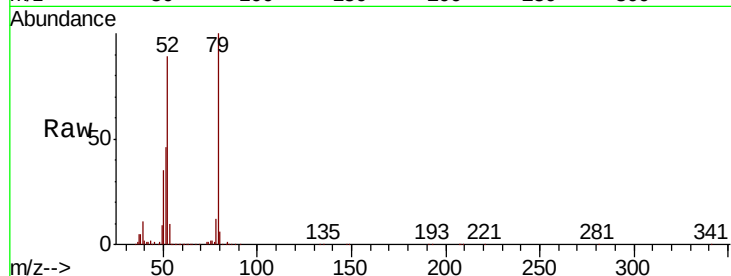
ClientSampleId :

OK-02-070720MS

Tot Ion:	79	Resp:	289937
Ion	Ratio	Lower	Upper
79	100		
52	89.0	72.9	109.3
51	45.6	37.6	56.4

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#4

n-Nitrosodimethylamine

Concen: 42.418 ng

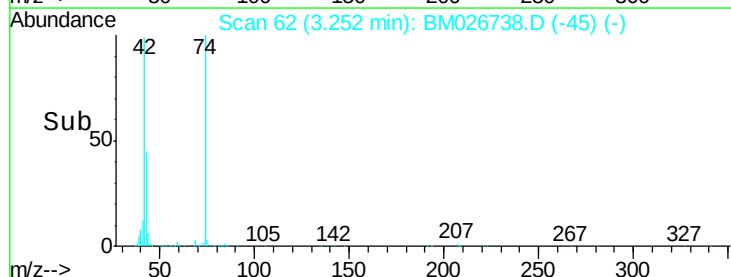
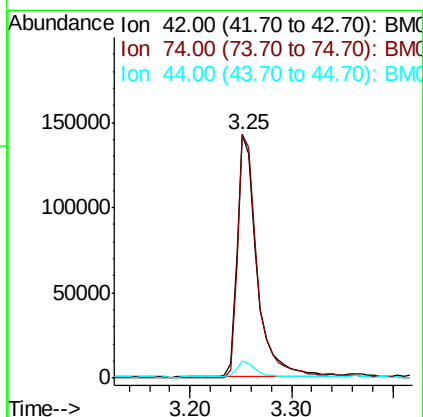
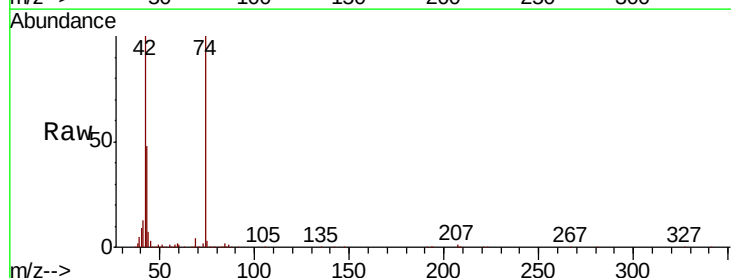
RT: 3.25 min Scan# 62

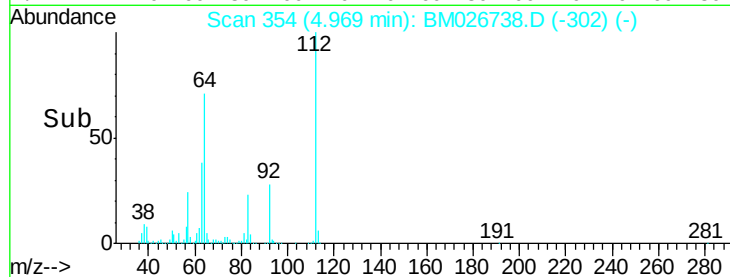
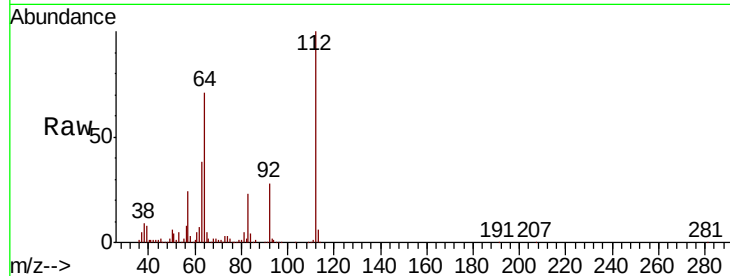
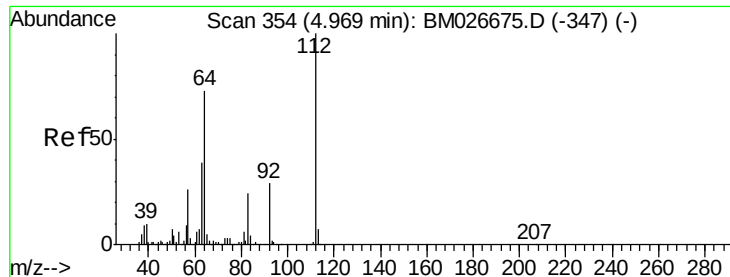
Delta R.T. 0.00 min

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Tgt Ion:	42	Resp:	191952
Ion	Ratio	Lower	Upper
42	100		
74	100.0	75.1	112.7
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 137.755 ng

RT: 4.97 min Scan# 354

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

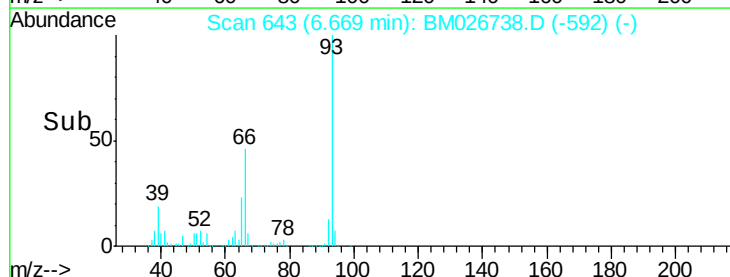
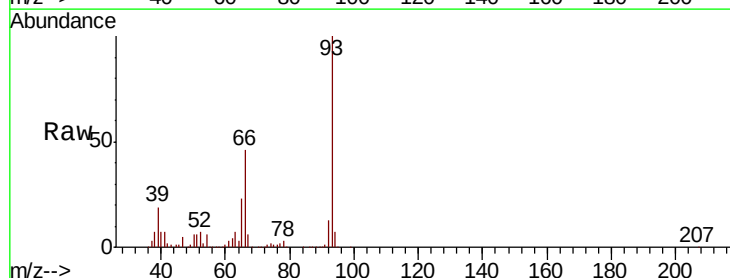
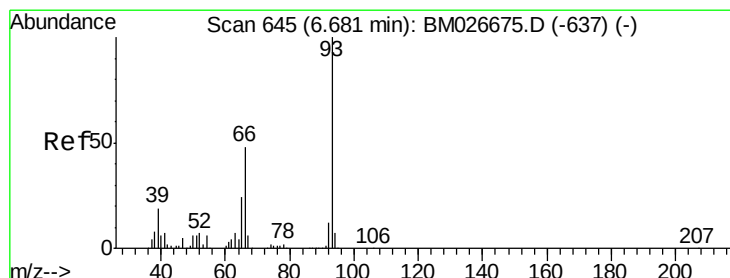
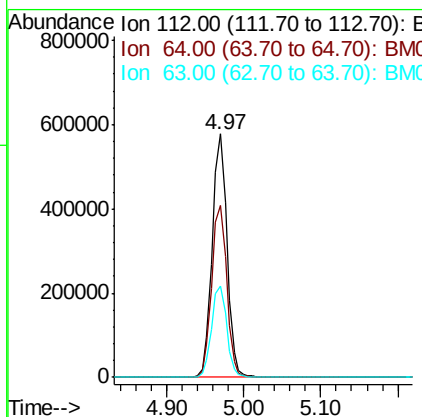
ClientSampleId :

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Tot Ion:	112	Resp:	757849
Ion Ratio	Lower	Upper	
112	100		
64	70.8	58.4	87.6
63	37.7	31.5	47.3

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#6

Aniline

Concen: 29.788 ng

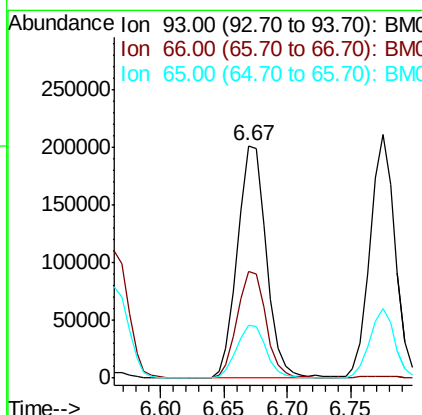
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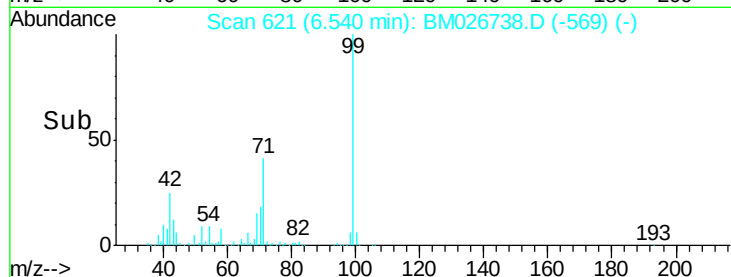
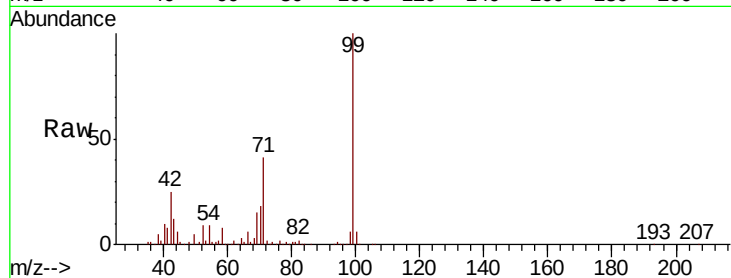
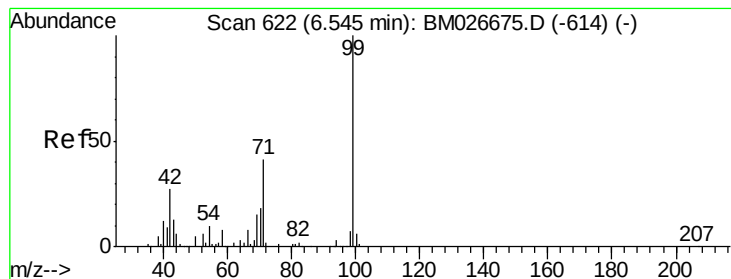
Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion:	93	Resp:	320471
Ion Ratio	Lower	Upper	
93	100		
66	45.9	38.2	57.4
65	23.0	19.6	29.4





#7

Phenol-d6

Concen: 102.472 ng

RT: 6.54 min Scan# 621

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tot Ion:	99	Resp:	898184
Ion Ratio	Lower	Upper	
99	100		
42	24.8	21.7	32.5
71	40.9	33.2	49.8

Instrument :

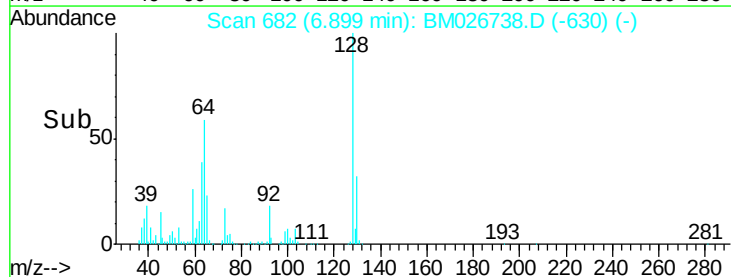
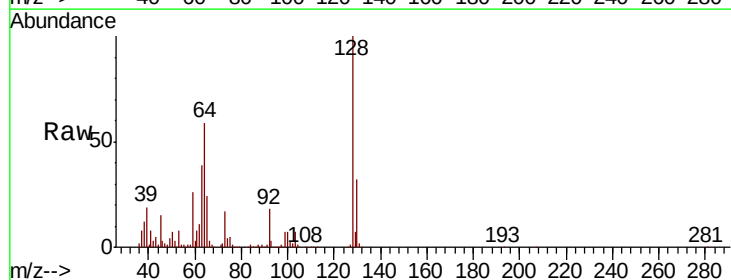
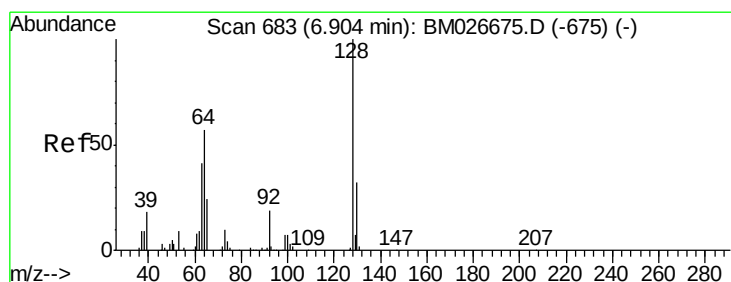
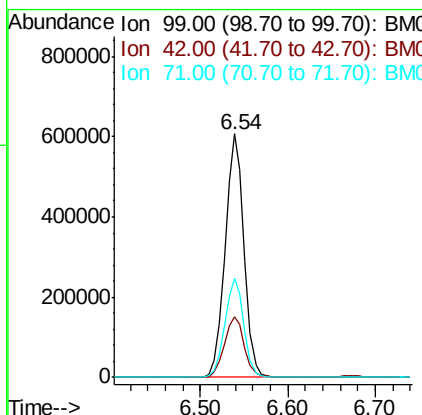
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#8

2-Chlorophenol

Concen: 43.799 ng

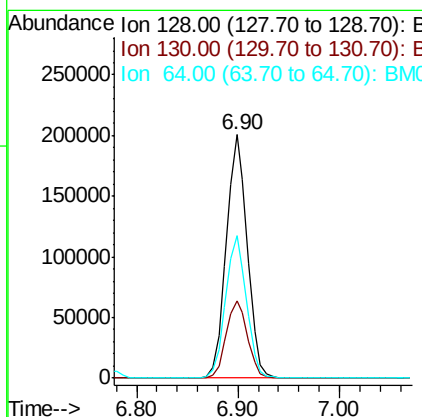
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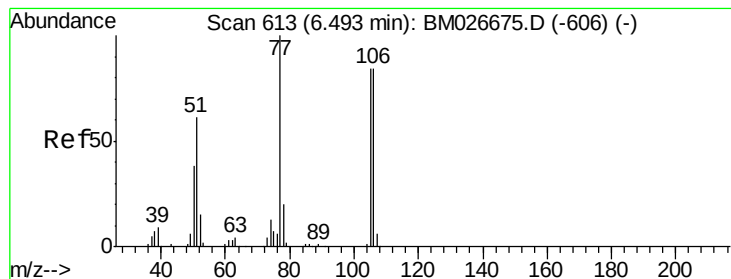
Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion:	128	Resp:	287026
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.2	52.2
64	58.7	41.4	81.4





#9

Benzaldehyde

Concen: 15.702 ng

RT: 6.49 min Scan# 612

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

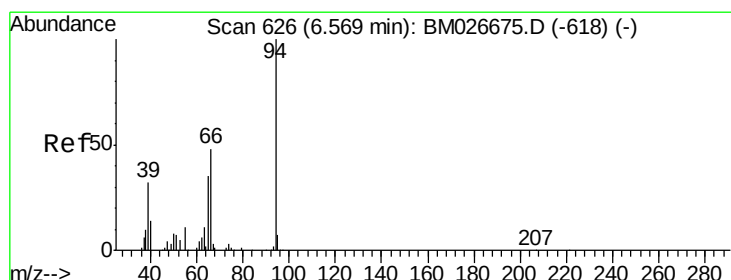
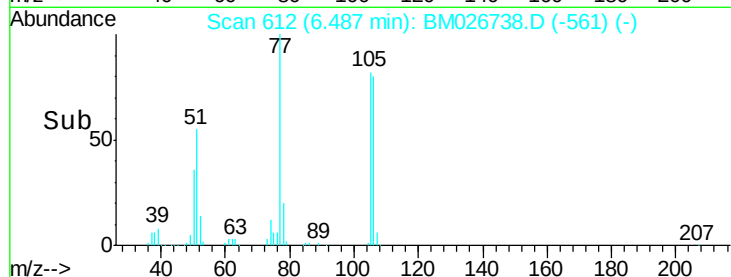
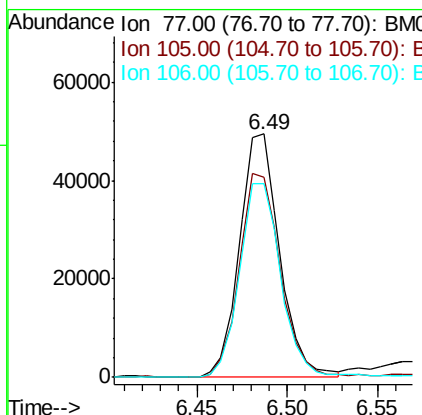
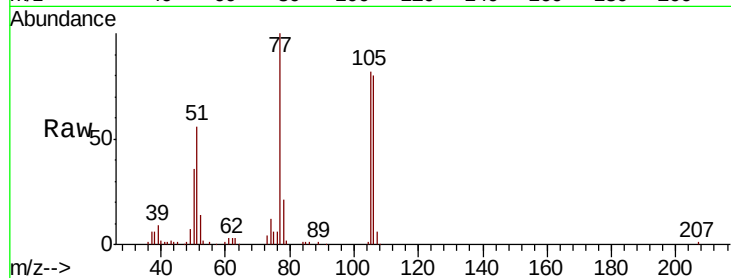
ClientSampleId :

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Tot Ion:	77	Resp:	76385
Ion	Ratio	Lower	Upper
77	100		
105	82.3	64.4	104.4
106	79.6	64.3	104.3

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#10

Phenol

Concen: 37.696 ng

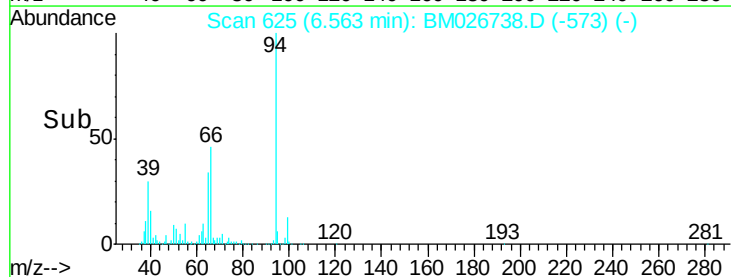
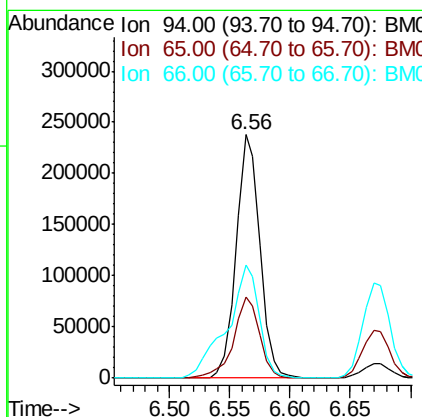
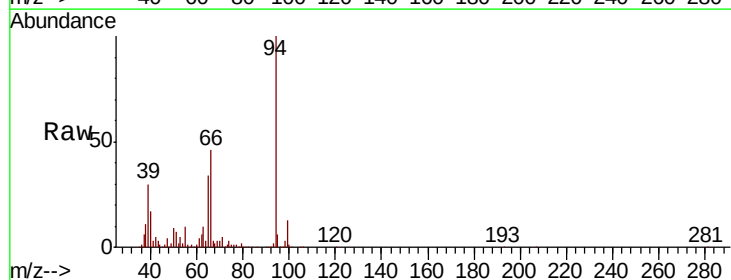
RT: 6.56 min Scan# 625

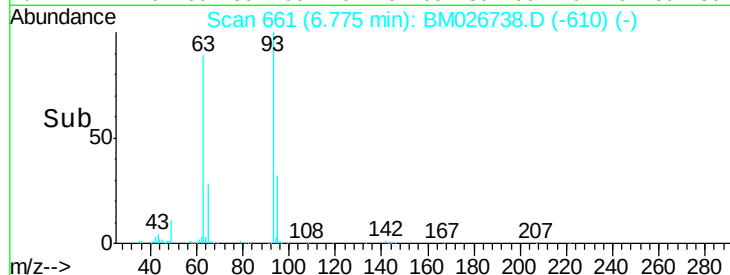
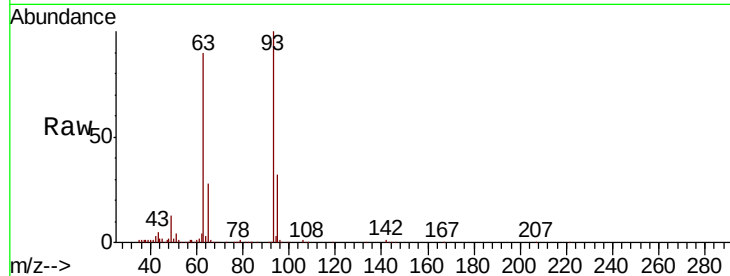
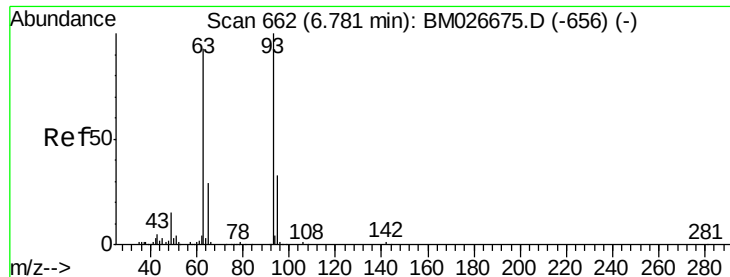
Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion:	94	Resp:	326558
Ion	Ratio	Lower	Upper
94	100		
65	33.5	15.5	55.5
66	46.2	29.8	69.8





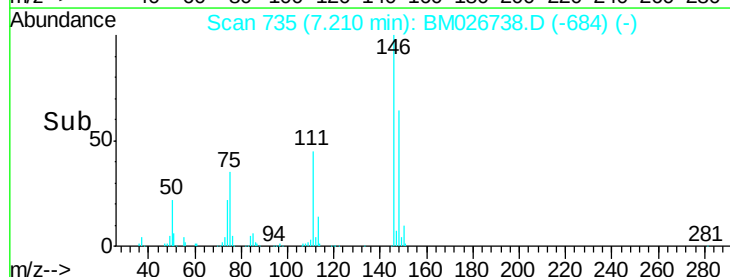
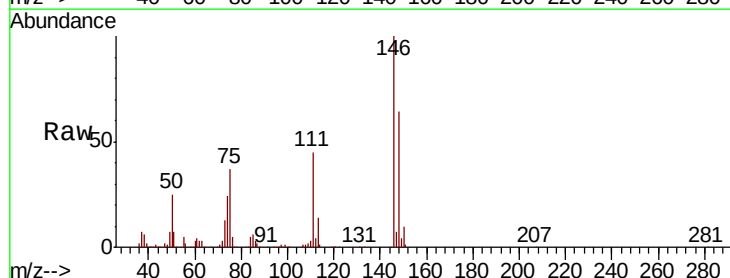
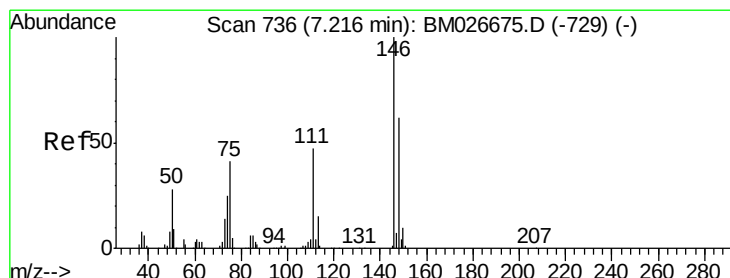
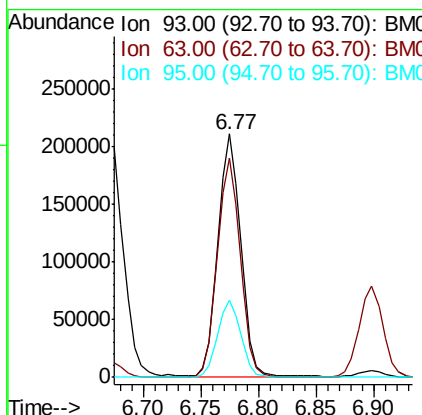
#11
bis(2-Chloroethyl)ether
Concen: 40.351 ng
RT: 6.77 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.0	72.6	112.6
95	31.8	12.3	52.3

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

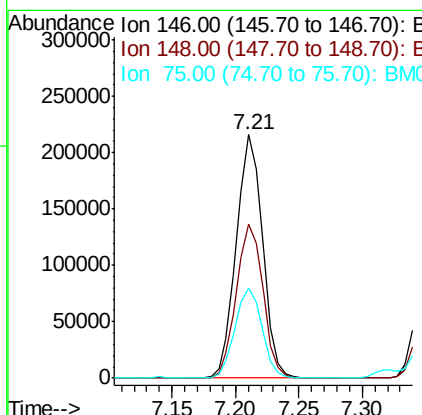
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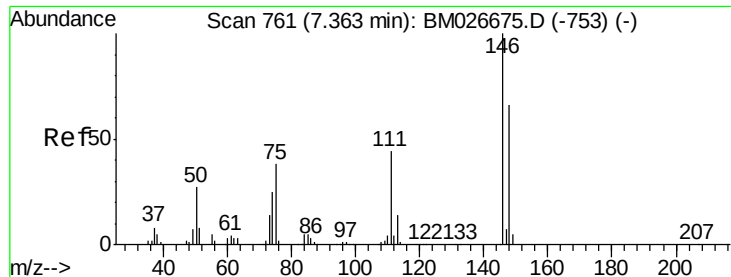
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.443 ng
RT: 7.21 min Scan# 735
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.7	74.5
75	37.1	32.7	49.1





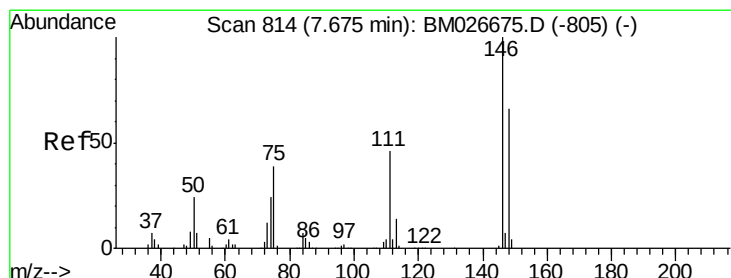
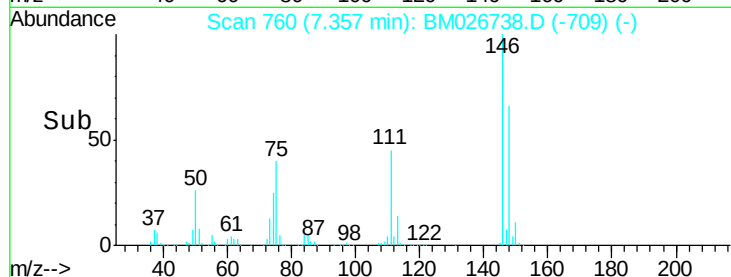
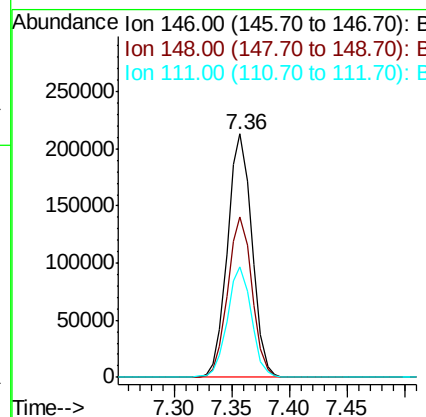
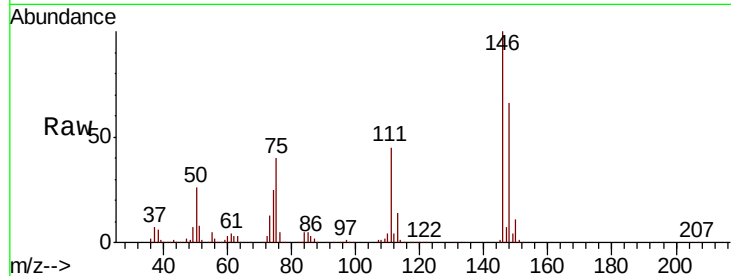
#13
 1,4-Dichlorobenzene
 Concen: 43.134 ng
 RT: 7.36 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.4	78.6
111	45.4	35.6	53.4

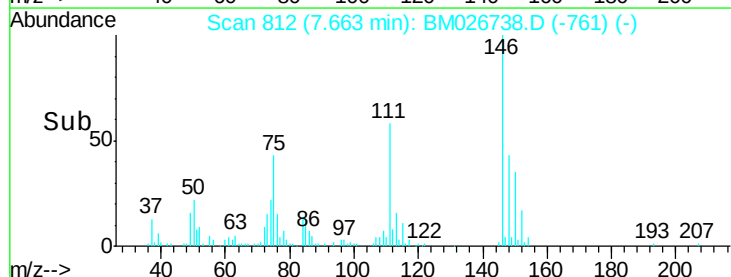
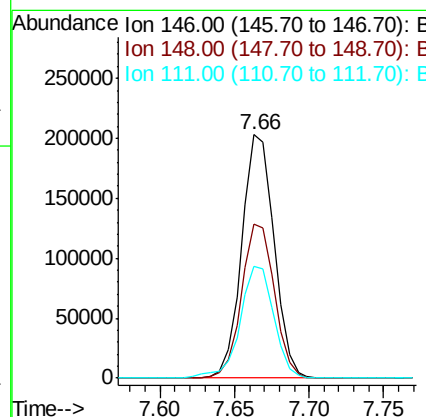
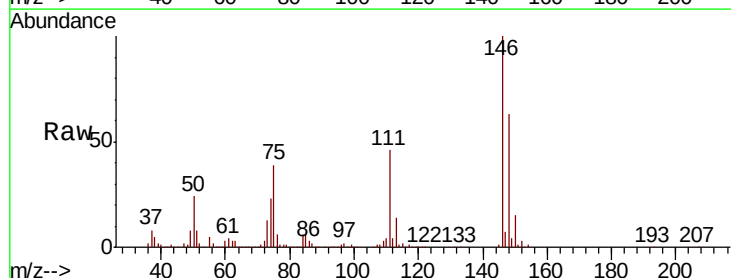
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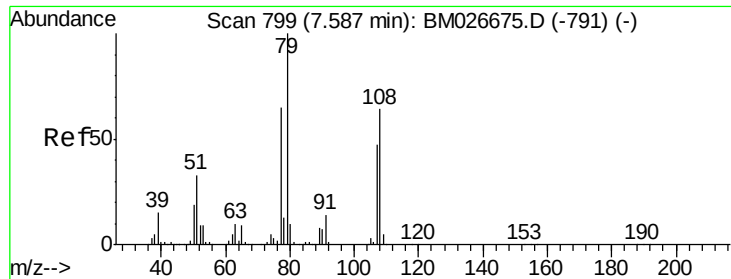
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#14
 1,2-Dichlorobenzene
 Concen: 42.260 ng
 RT: 7.66 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	78.8
111	46.1	37.2	55.8





#15

Benzyl Alcohol

Concen: 38.709 ng

RT: 7.58 min Scan# 798

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

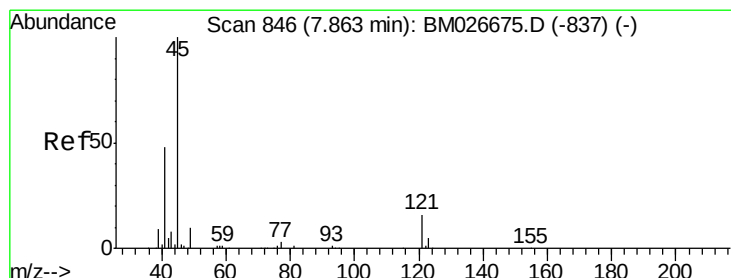
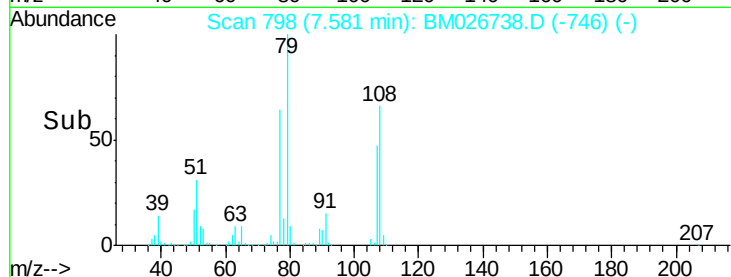
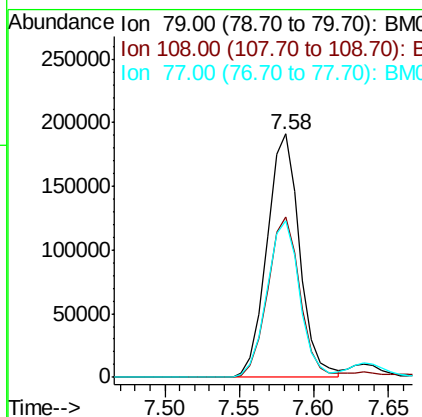
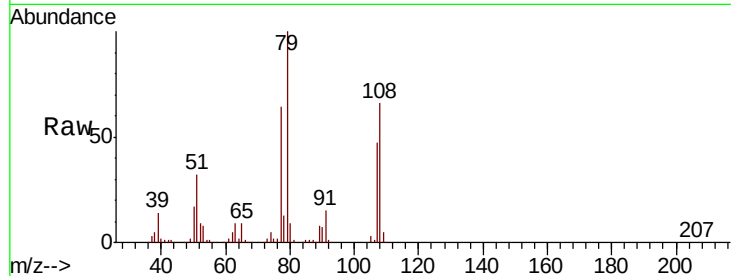
ClientSampleId :

OK-02-070720MS

Tot Ion:	79	Resp:	290308
Ion Ratio	Lower	Upper	
79	100		
108	65.9	51.0	76.4
77	64.4	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.643 ng

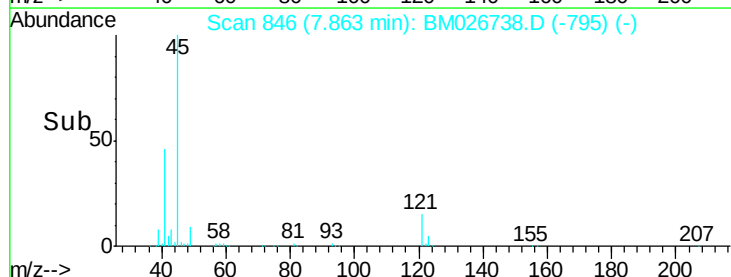
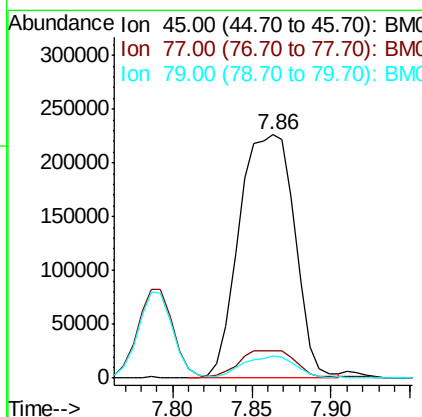
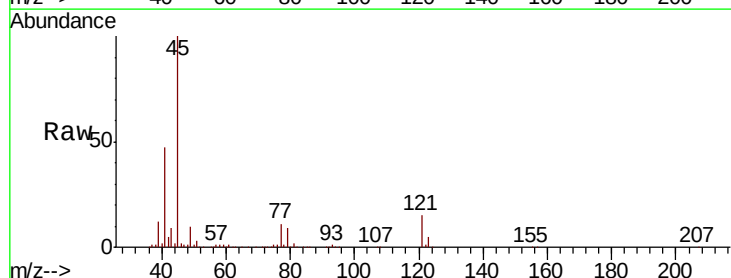
RT: 7.86 min Scan# 846

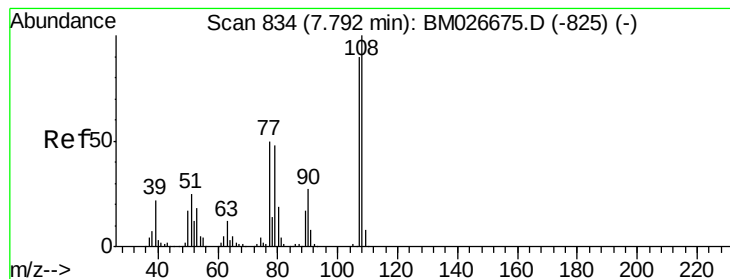
Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion:	45	Resp:	547819
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	31.4
79	8.9	0.0	28.4





#17

2-Methylphenol

Concen: 35.656 ng

RT: 7.79 min Scan# 833

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

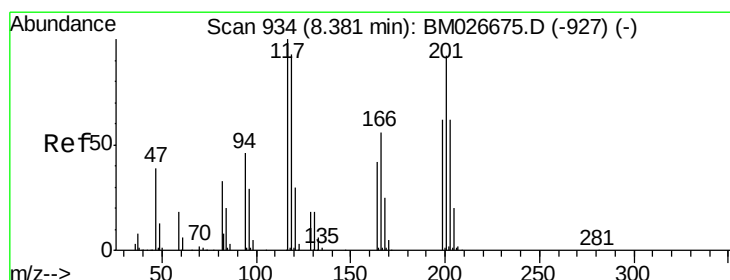
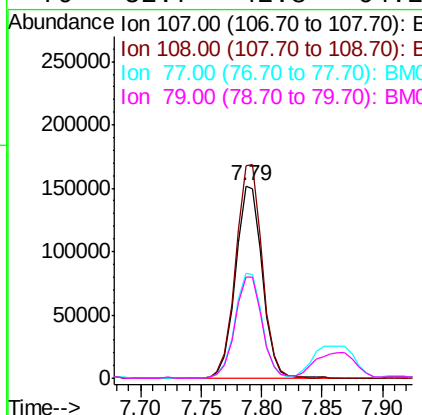
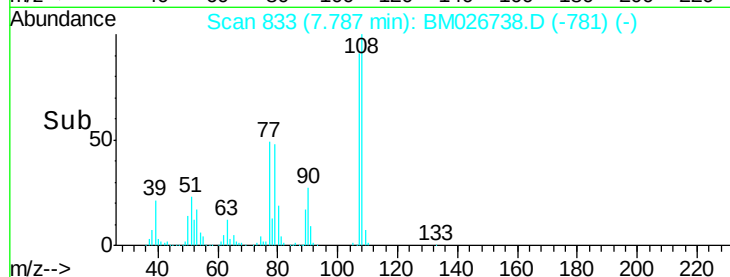
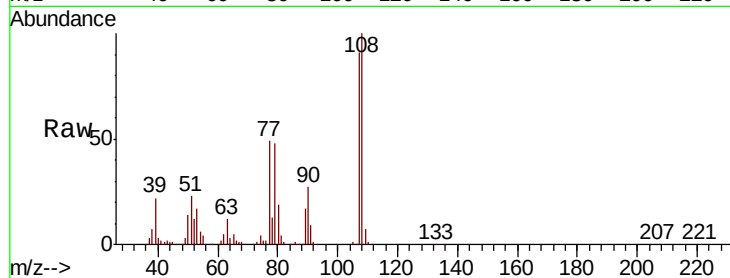
ClientSampleId :

OK-02-070720MS

Tot Ion	107	Resp	234744
Ion Ratio	Lower	Upper	
107	100		
108	110.3	89.4	134.0
77	54.5	45.2	67.8
79	52.7	42.8	64.2

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#18

Hexachloroethane

Concen: 41.398 ng

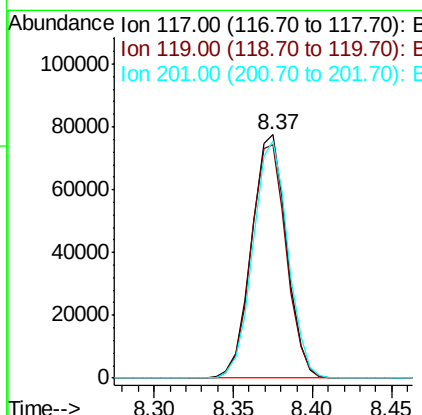
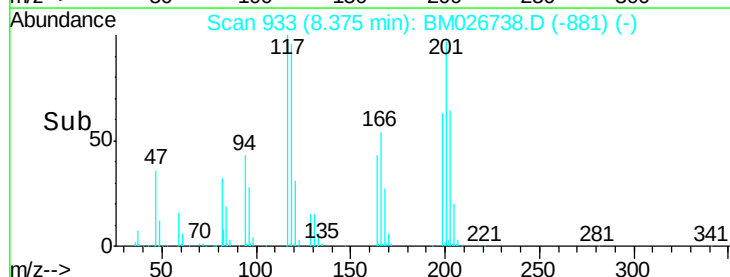
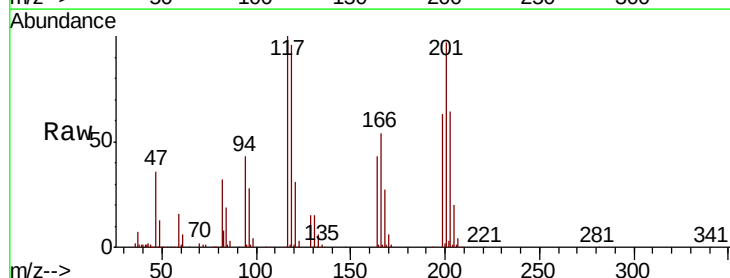
RT: 8.37 min Scan# 933

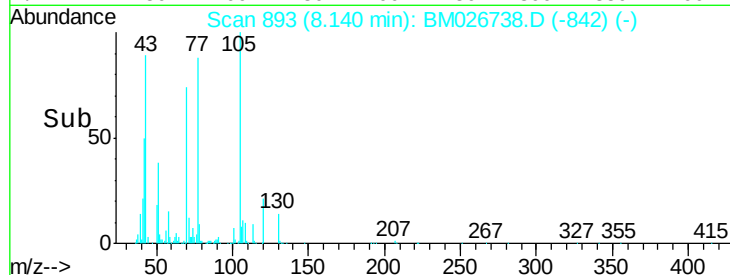
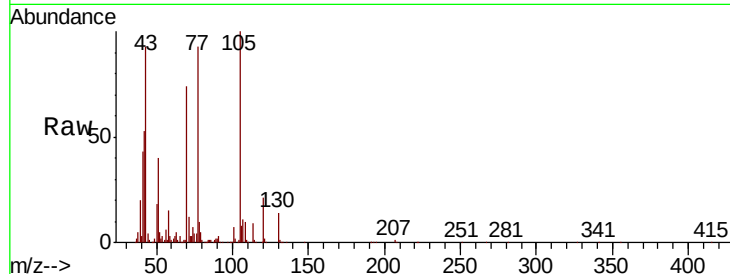
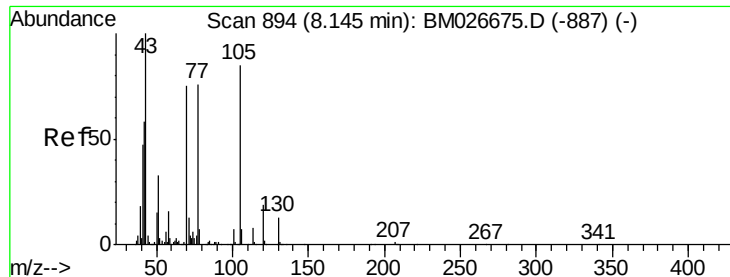
Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion	117	Resp	119216
Ion Ratio	Lower	Upper	
117	100		
119	95.6	74.2	111.2
201	97.3	73.6	110.4





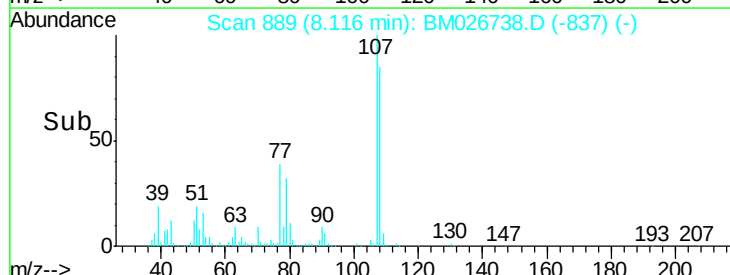
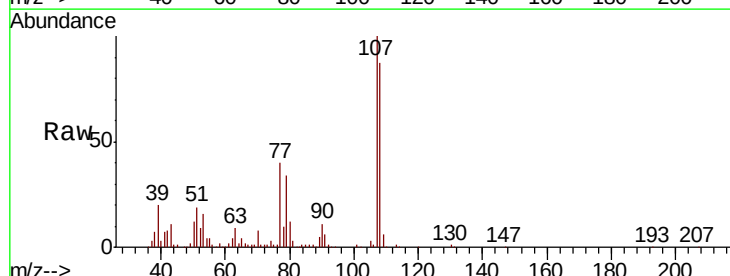
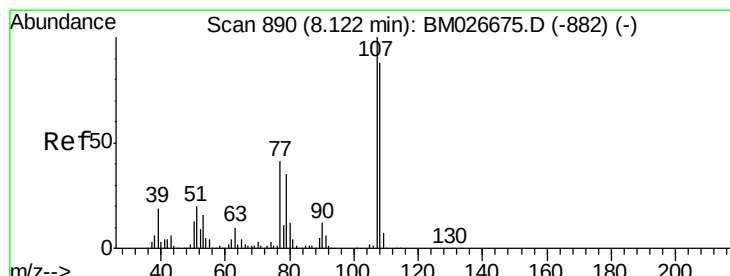
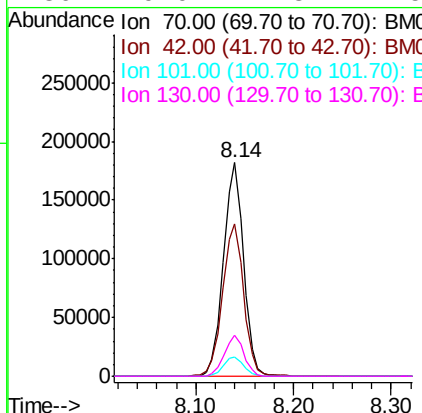
#19
n-Nitroso-di-n-propylamine
Concen: 35.700 ng
RT: 8.14 min Scan# 893
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.5	62.3	93.5
101	9.1	7.1	10.7
130	19.0	14.3	21.5

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

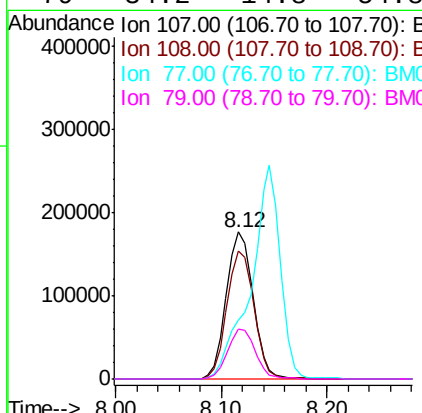
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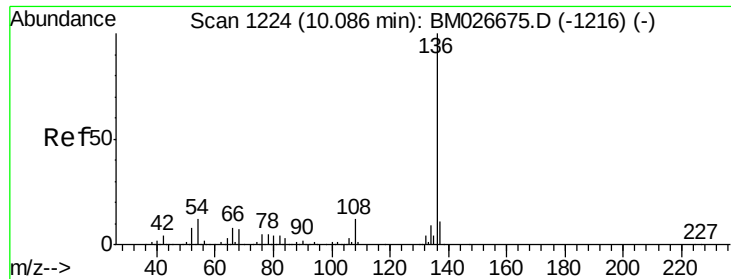
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#20
3+4-Methylphenols
Concen: 34.642 ng
RT: 8.12 min Scan# 889
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	40.0	20.8	60.8
79	34.2	14.8	54.8





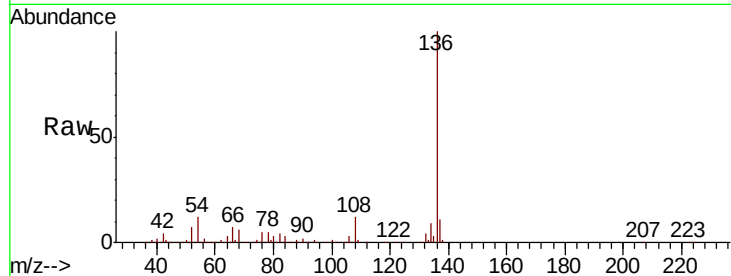
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	11.6	9.8	14.6
68	6.3	5.8	8.6

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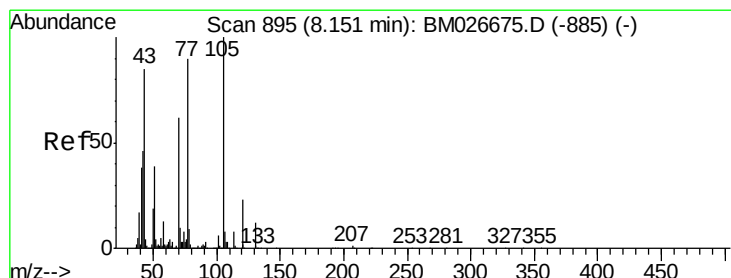
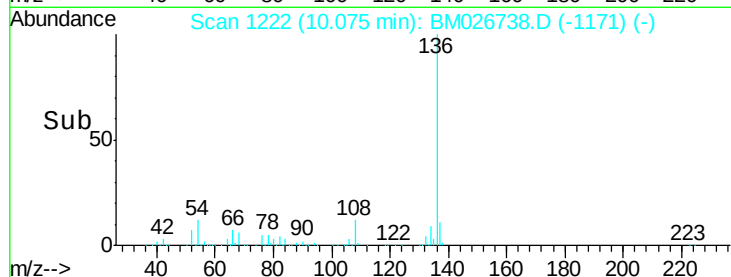
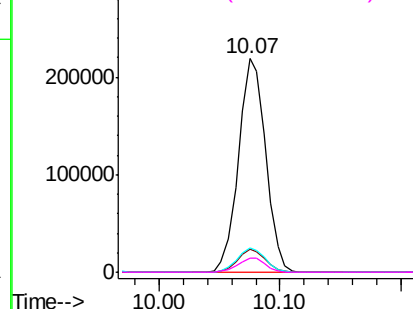
Abundance

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: 44.655 ng
RT: 8.15 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.6	8.1	12.1#
51	36.8	31.9	47.9
120	22.0	18.0	27.0

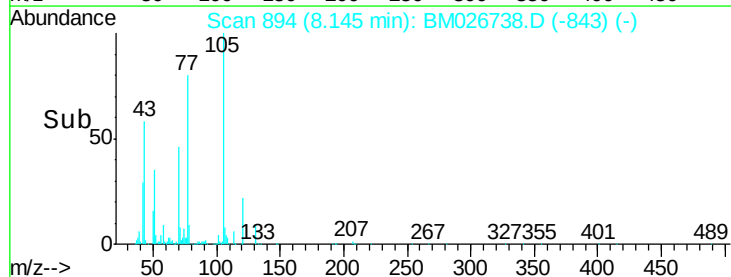
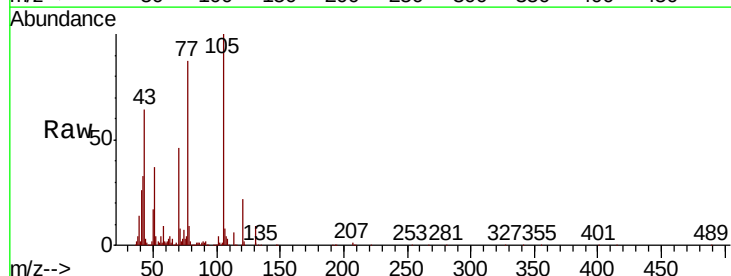
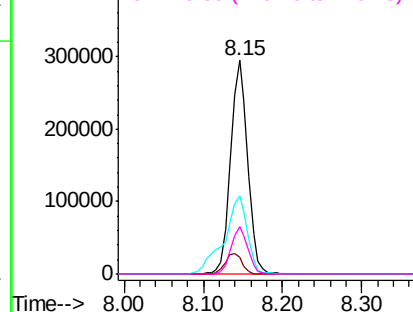
Abundance

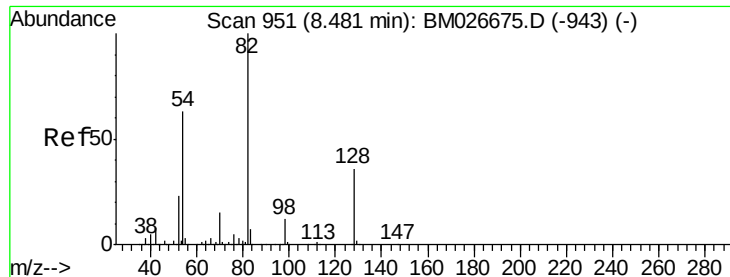
Ion 105.00 (104.70 to 105.70): E

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





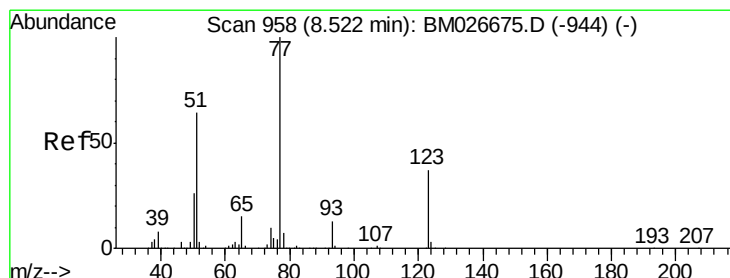
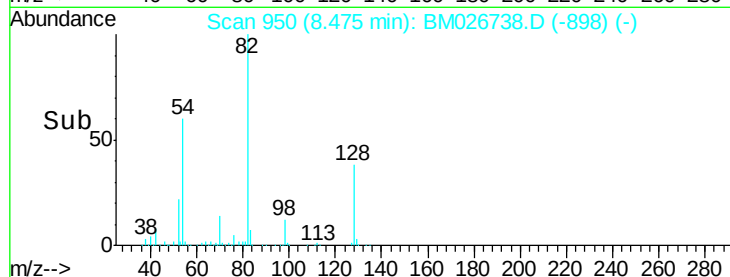
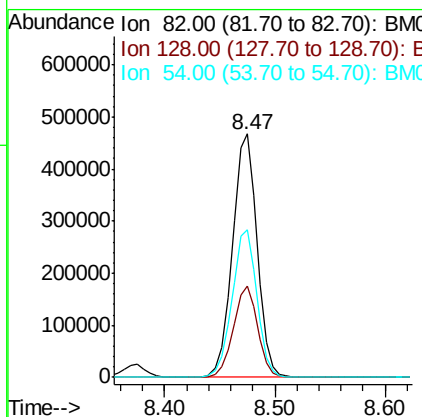
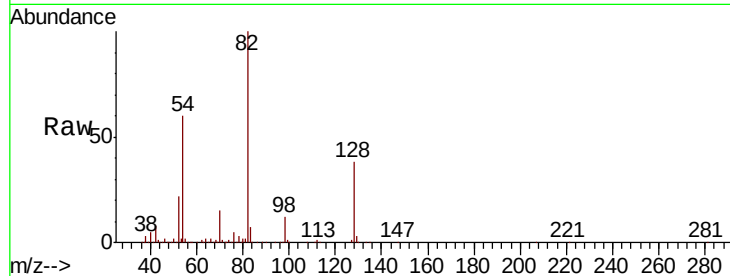
#23
 Nitrobenzene-d5
 Concen: 90.566 ng
 RT: 8.47 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.1	43.7
54	60.4	50.2	75.4

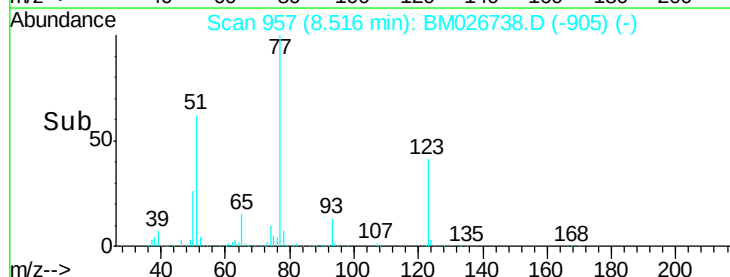
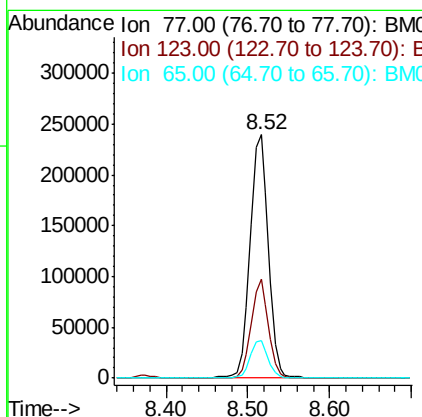
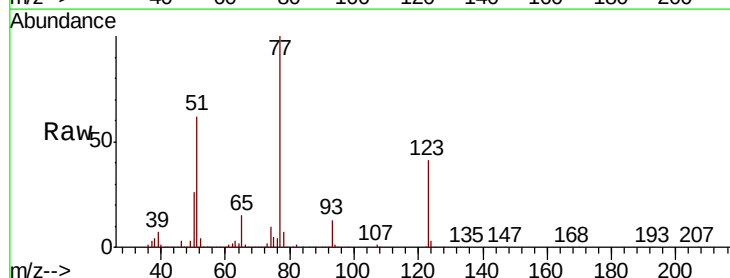
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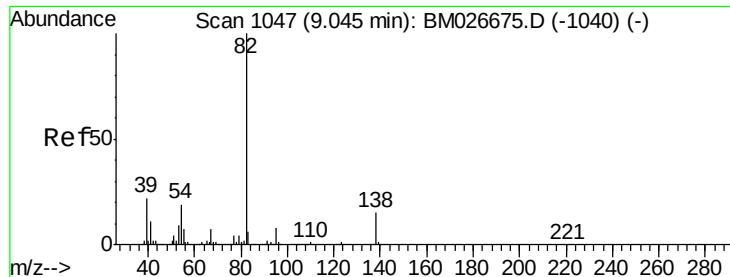
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#24
 Nitrobenzene
 Concen: 44.018 ng
 RT: 8.52 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	29.8	44.6
65	15.3	12.2	18.4





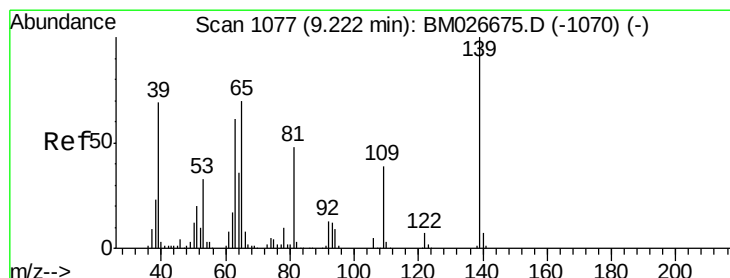
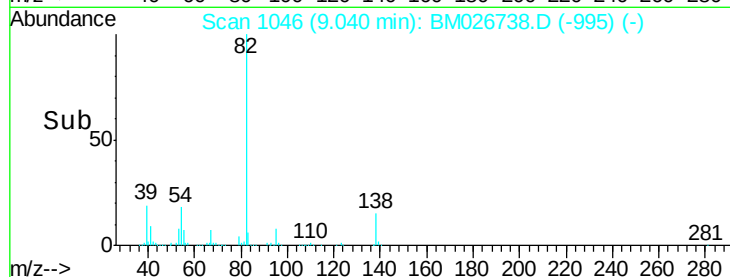
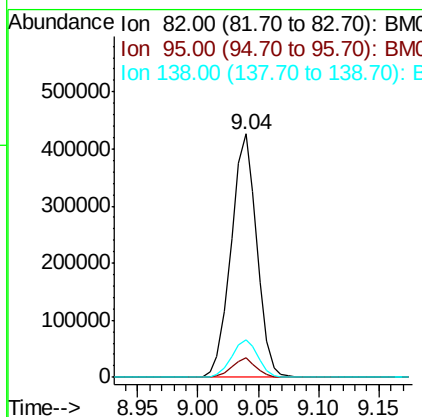
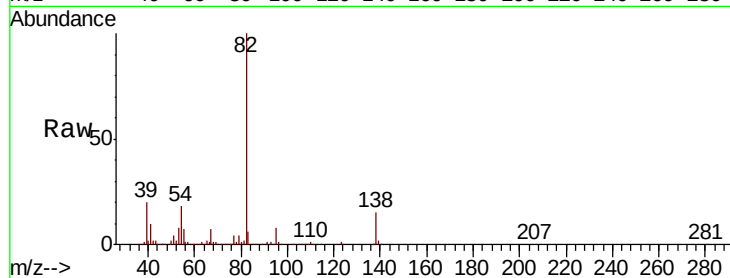
#25
Isophorone
Concen: 40.863 ng
RT: 9.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	631998		
95	95	7.9		6.3	9.5
138	138	15.4		12.0	18.0

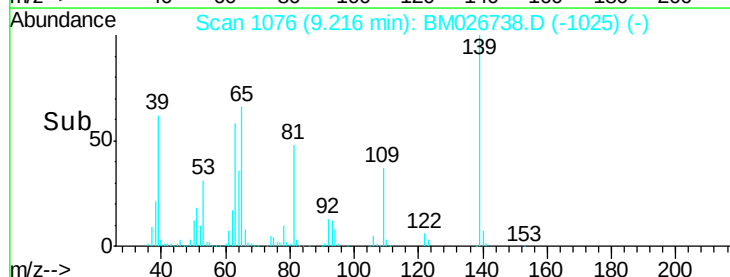
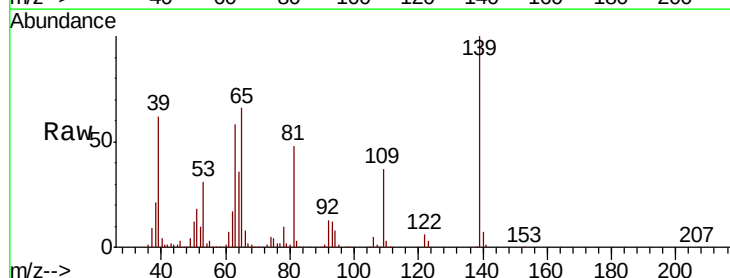
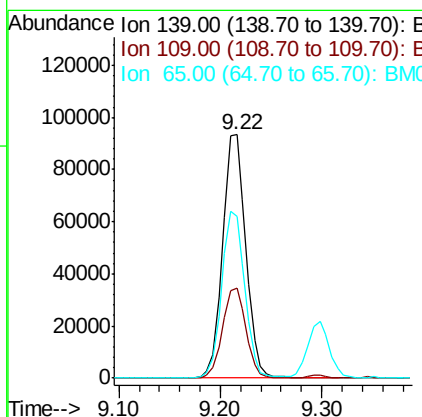
Manual Integrations
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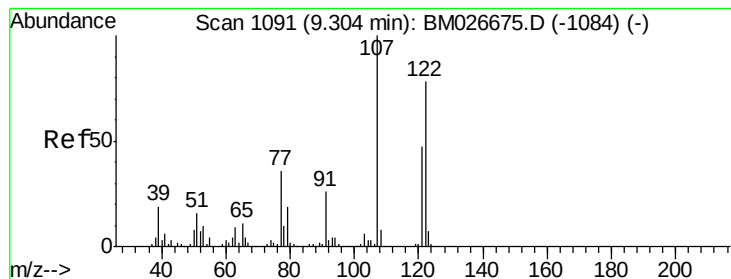
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#26
2-Nitrophenol
Concen: 47.318 ng
RT: 9.22 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	139	100	148184		
109	109	37.2		30.8	46.2
65	65	66.3		56.2	84.4





#27

2,4-Dimethylphenol

Concen: 45.547 ng

RT: 9.30 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

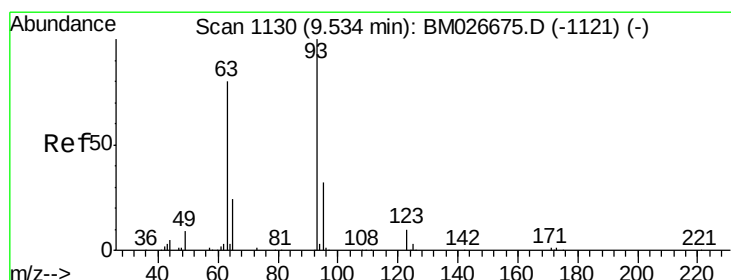
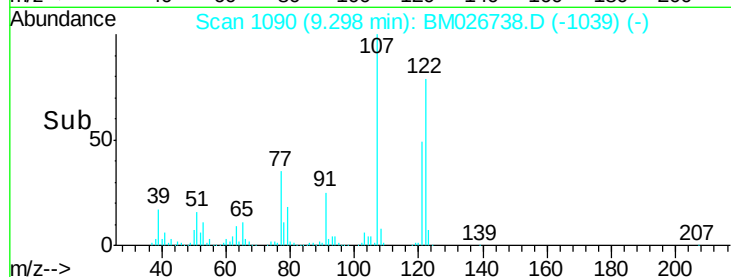
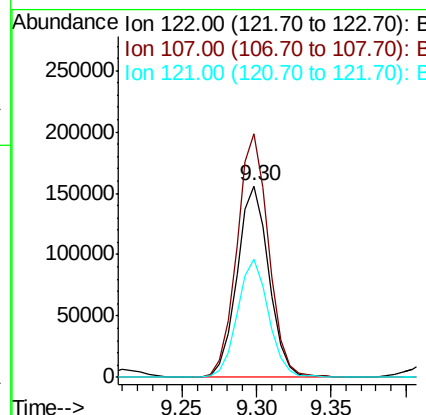
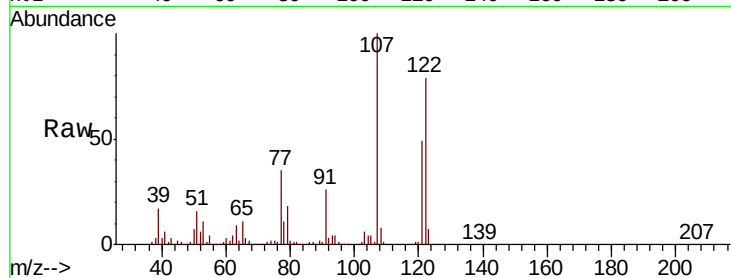
ClientSampleId :

OK-02-070720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
231944	122	100			
	107	127.4	102.1	153.1	
	121	61.8	48.2	72.2	

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#28

bis(2-Chloroethoxy)methane

Concen: 43.154 ng

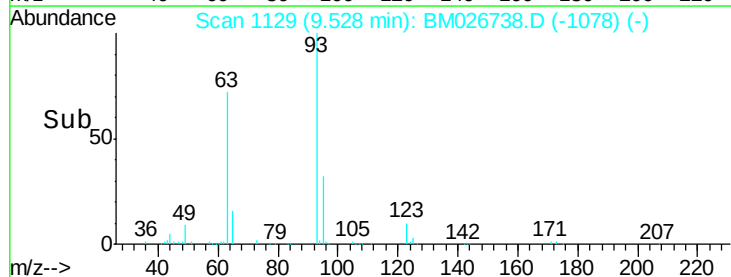
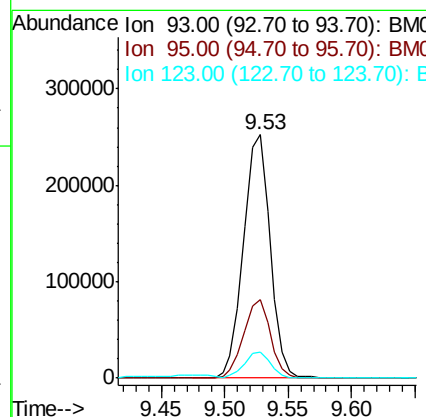
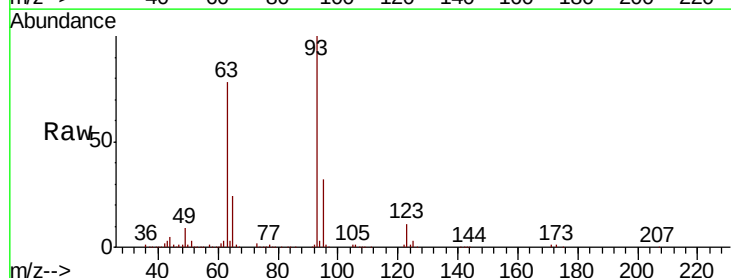
RT: 9.53 min Scan# 1129

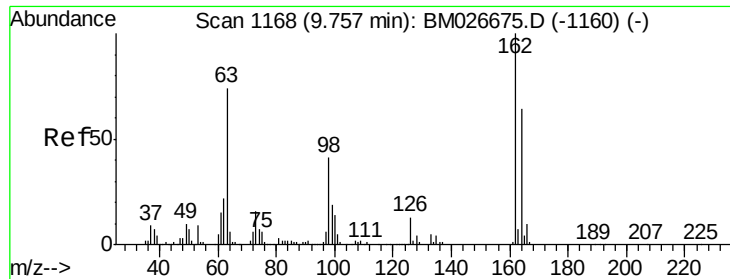
Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
368717	93	100			
	95	32.0	25.7	38.5	
	123	10.7	8.7	13.1	





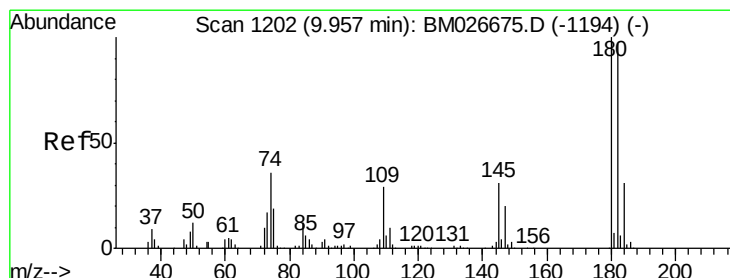
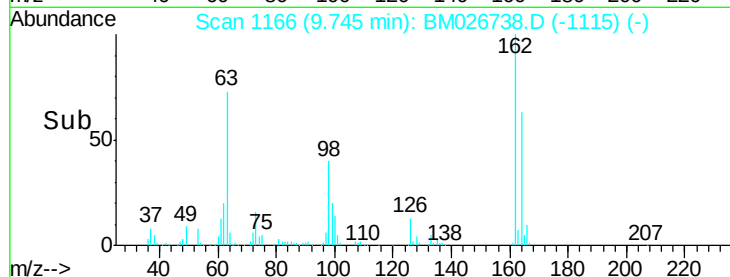
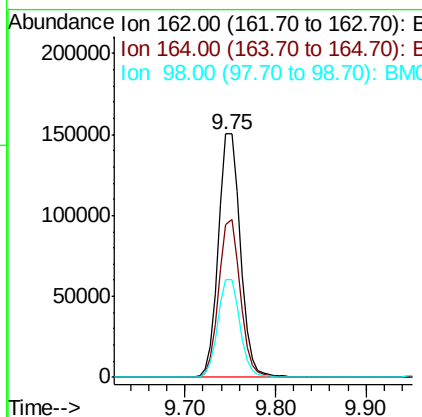
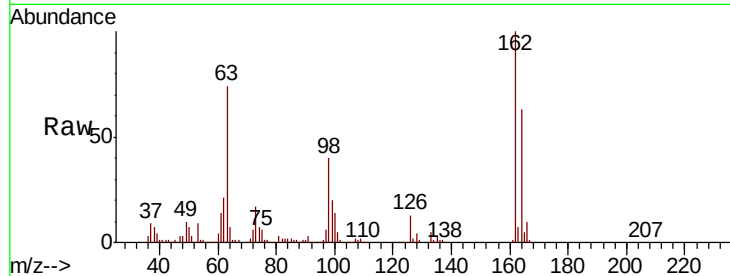
#29
2,4-Dichlorophenol
Concen: 45.191 ng
RT: 9.75 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253440		
164	62.6	44.3	84.3	
98	40.2	21.0	61.0	

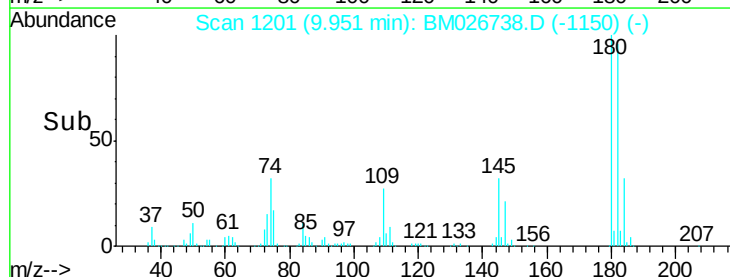
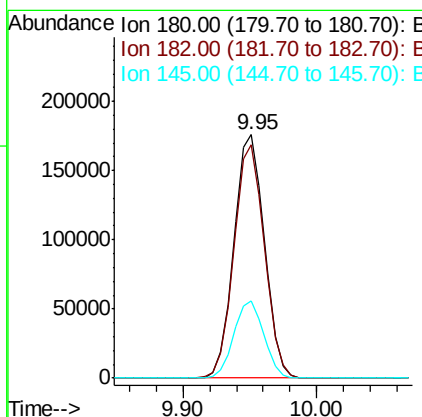
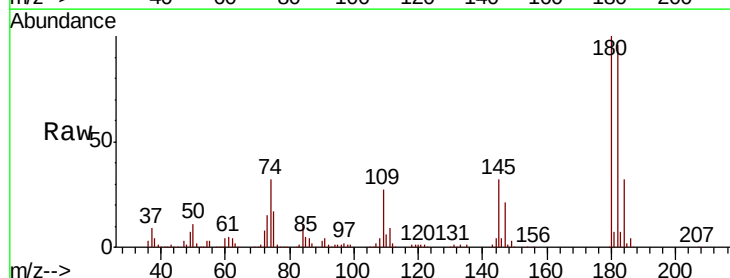
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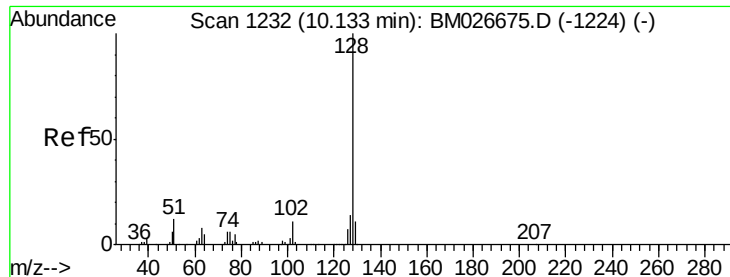
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#30
1,2,4-Trichlorobenzene
Concen: 44.645 ng
RT: 9.95 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	279318		
182	95.9	77.8	116.6	
145	31.5	25.0	37.6	





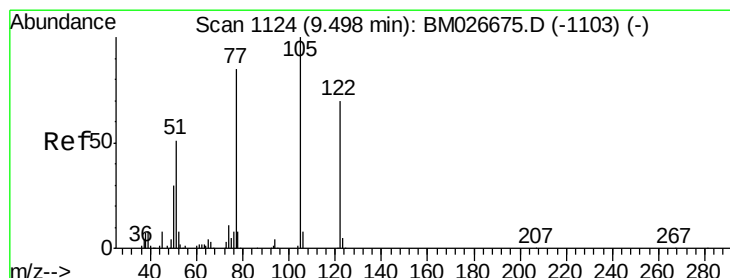
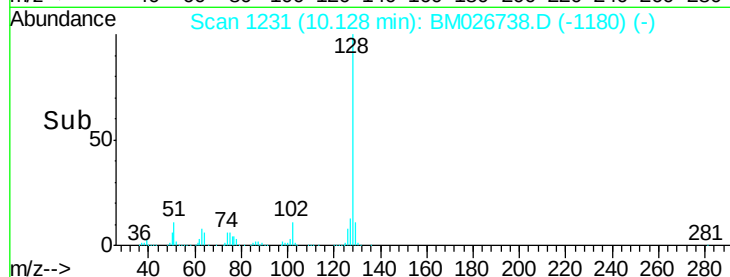
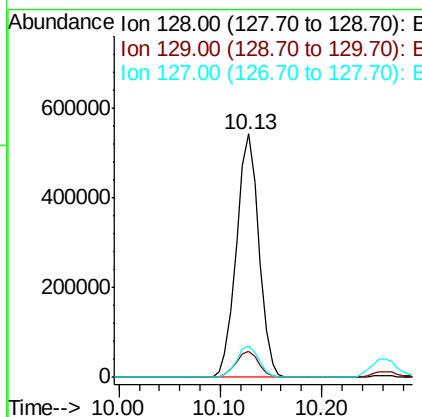
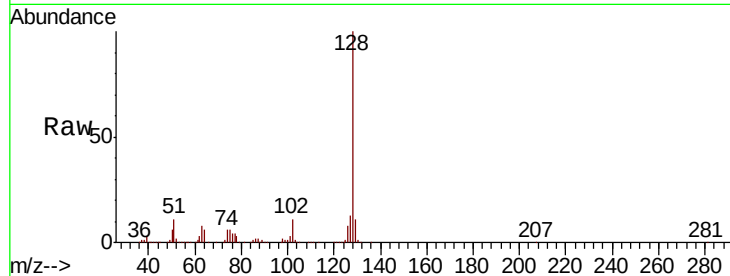
#31
Naphthalene
Concen: 43.657 ng
RT: 10.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.8	13.2	
127	13.0	10.8	16.2	

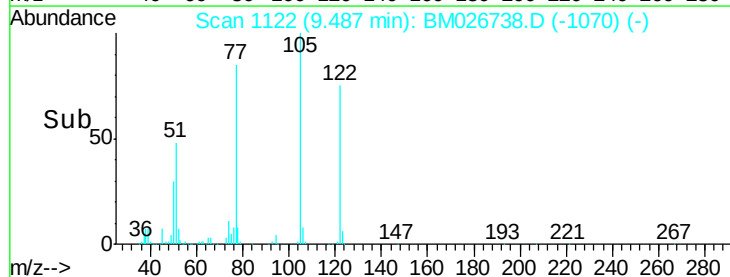
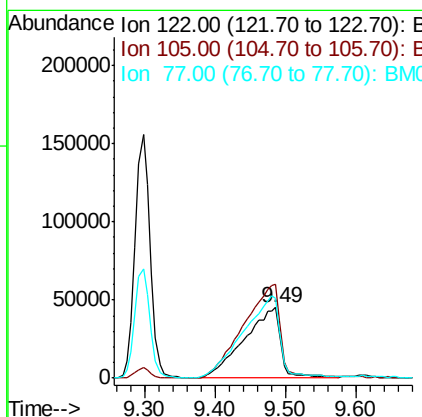
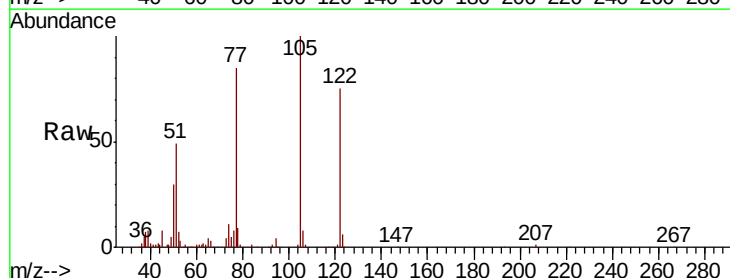
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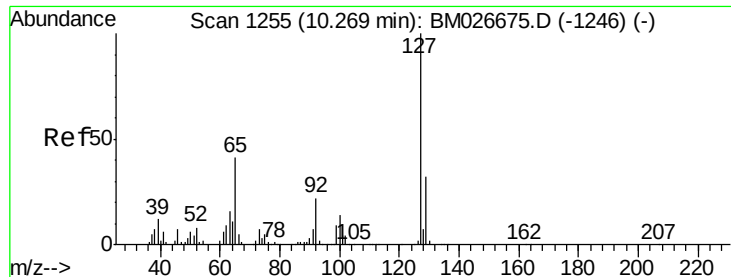
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#32
Benzoic acid
Concen: 38.164 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.9	120.9	160.9	
77	113.2	100.0	140.0	





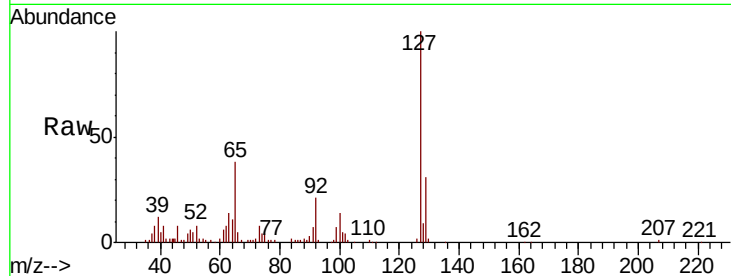
#33
4-Chloroaniline
Concen: 9.864 ng
RT: 10.26 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	38.4	32.5	48.7
92	21.2	17.8	26.8

Manual Integrations
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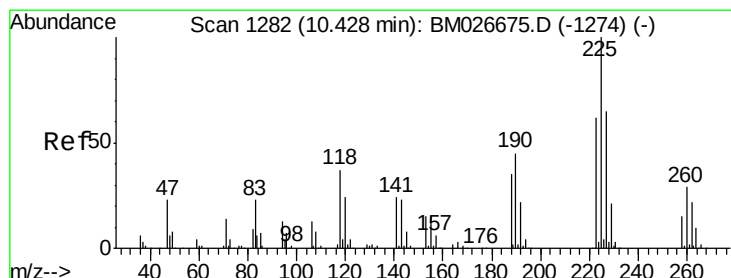
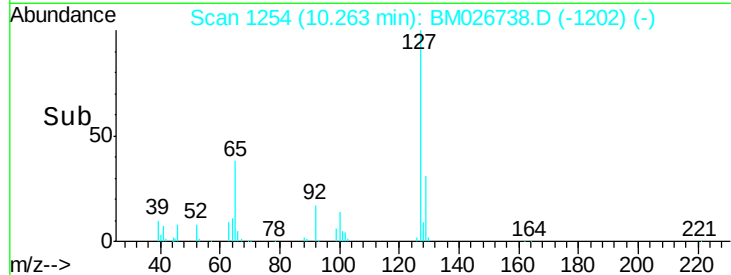
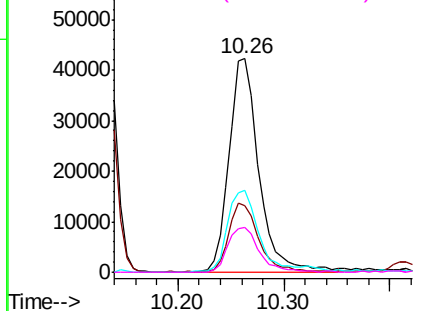
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

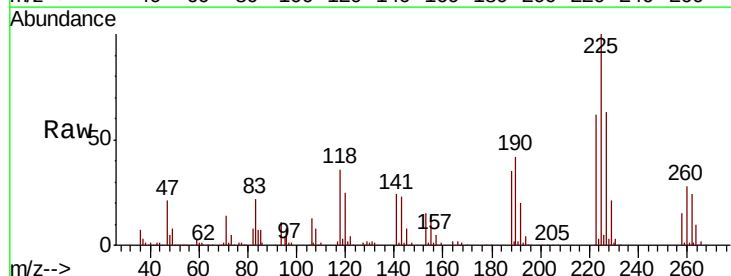
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.009 ng
RT: 10.42 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	62.9	52.3	78.5

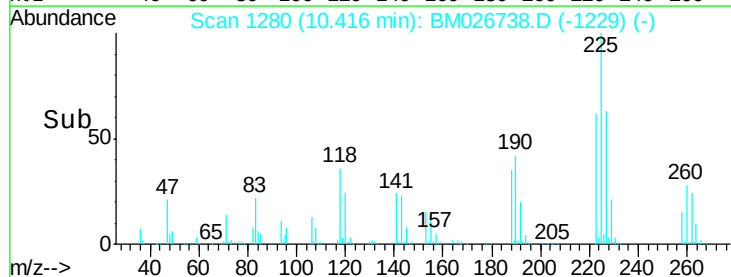
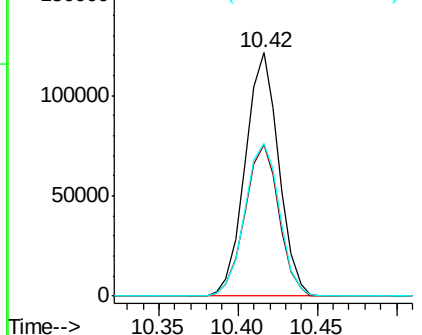


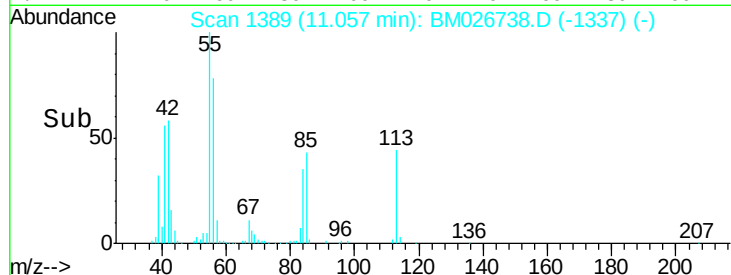
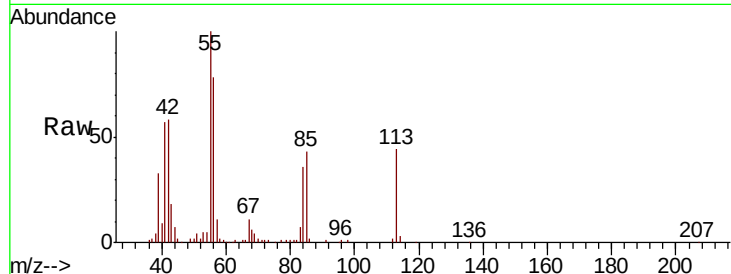
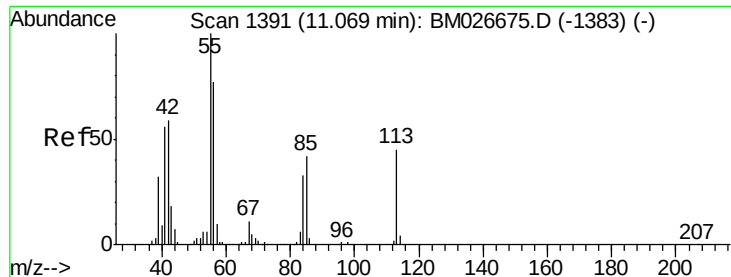
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





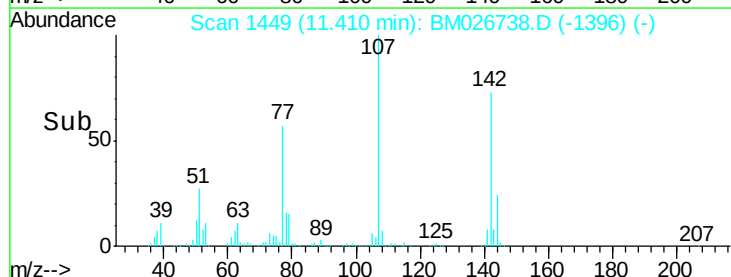
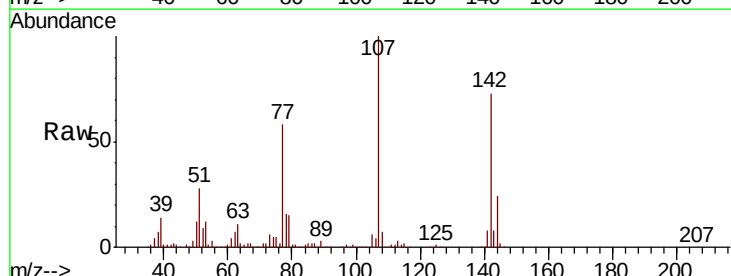
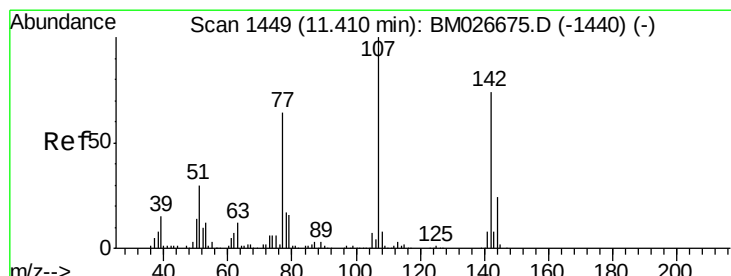
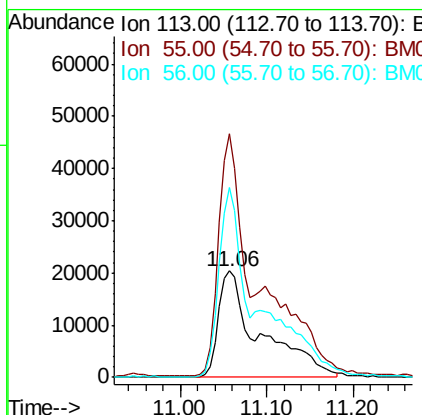
#35
Caprolactam
Concen: 34.781 ng/ml
RT: 11.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.3	203.5	243.5
56	178.5	151.6	191.6

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

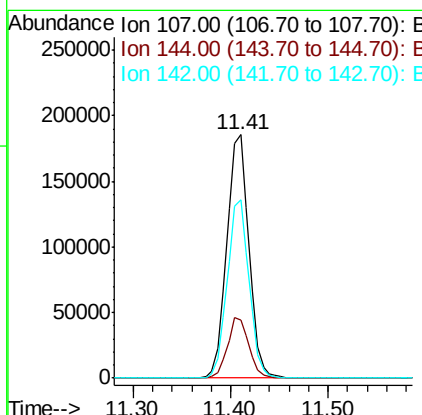
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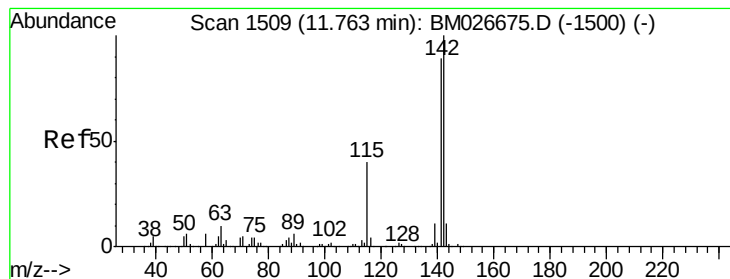
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#36
4-Chloro-3-methylphenol
Concen: 41.128 ng/ml
RT: 11.41 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.9	28.3
142	73.1	59.0	88.4





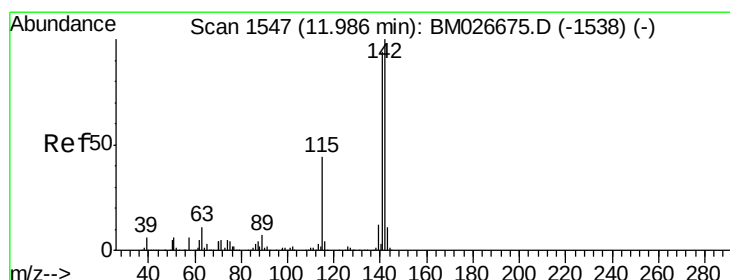
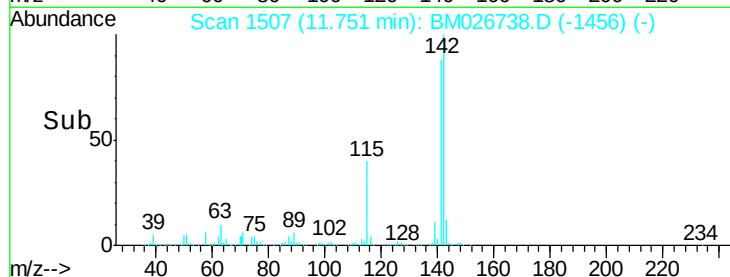
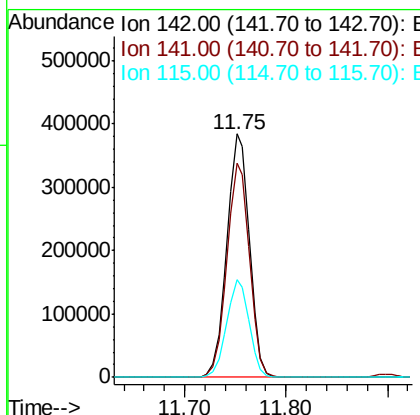
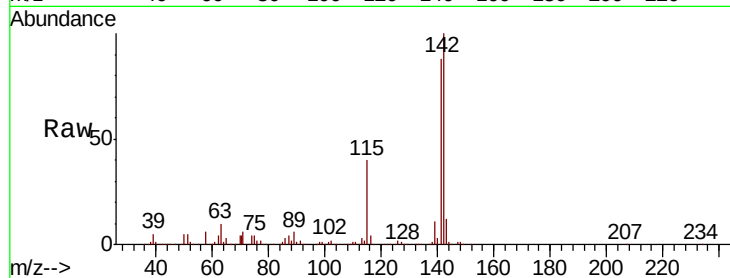
#37
2-Methylnaphthalene
Concen: 41.720 ng
RT: 11.75 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	40.3	32.1	48.1

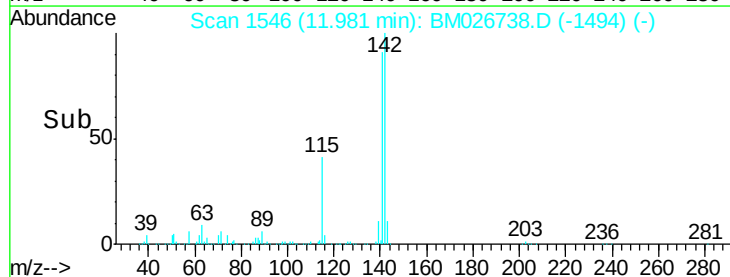
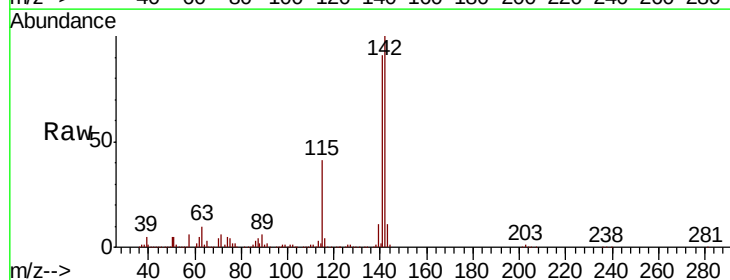
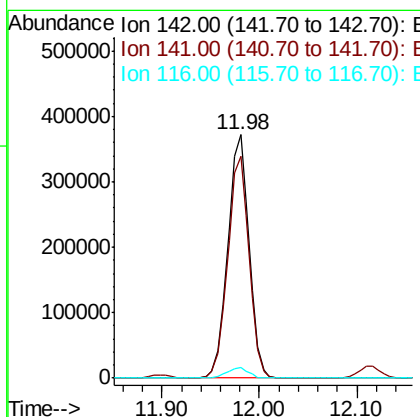
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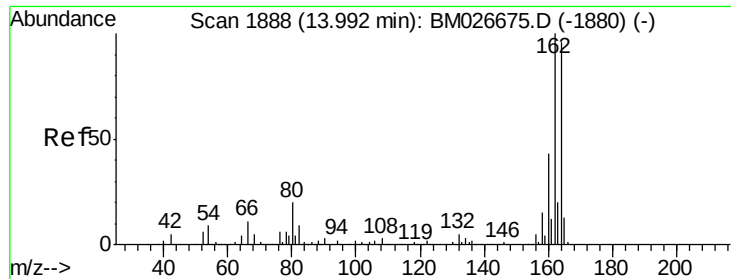
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#38
1-Methylnaphthalene
Concen: 41.056 ng
RT: 11.98 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.0	112.6
116	4.3	3.5	5.3





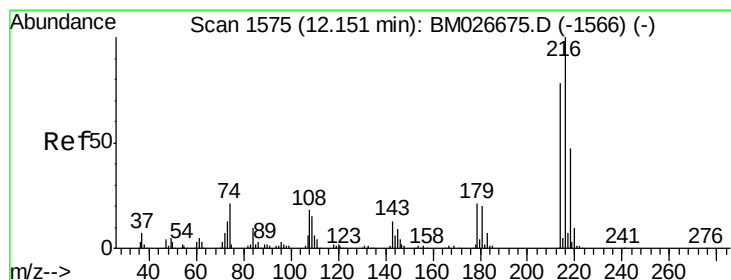
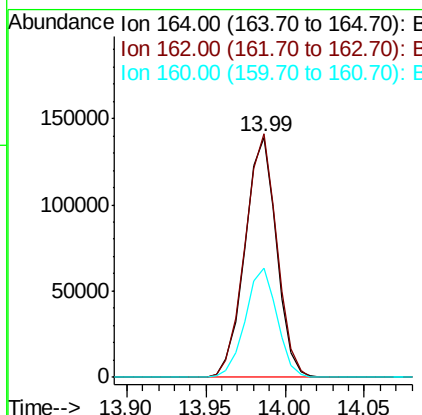
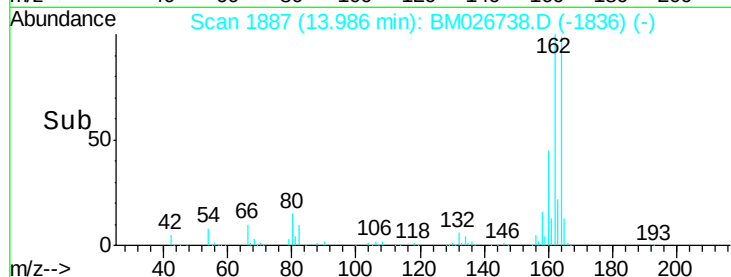
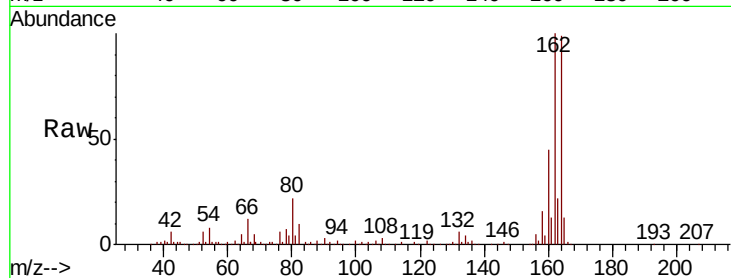
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.7	125.5
160	45.4	36.2	54.2

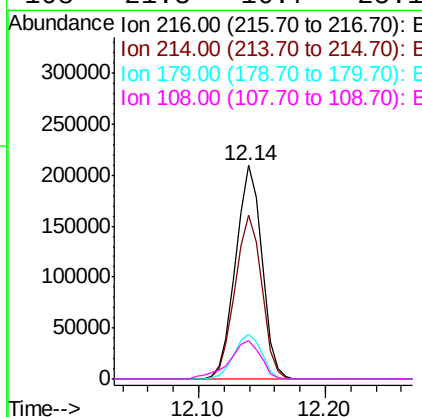
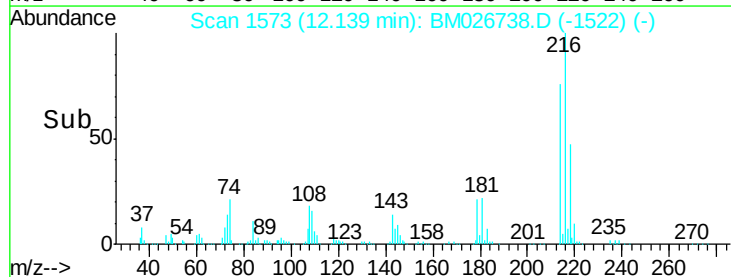
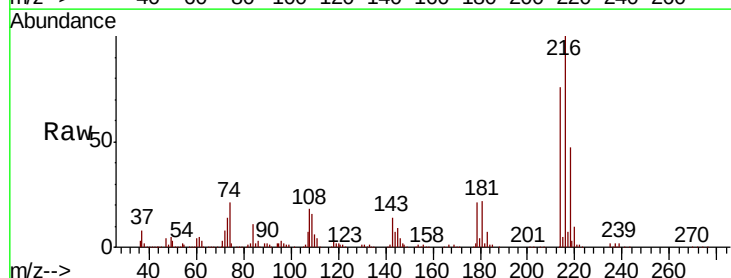
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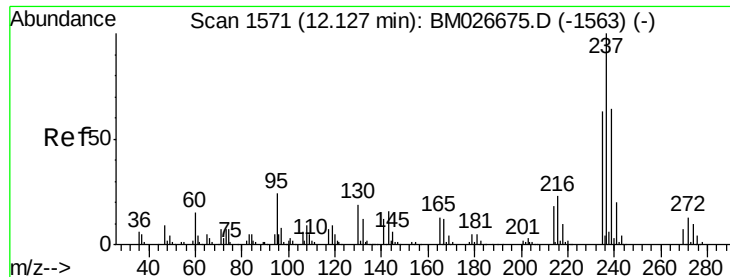
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.568 ng
RT: 12.14 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	93.8
179	21.7	17.5	26.3
108	21.3	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 62.410 ng

RT: 12.12 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

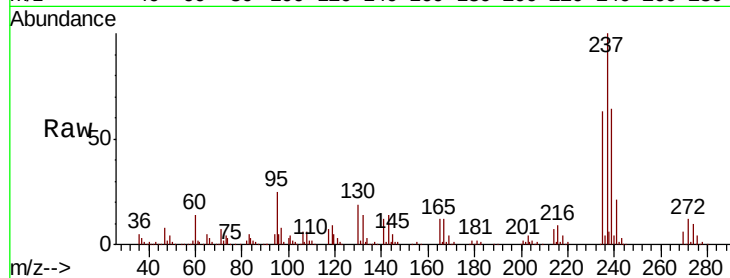
ClientSampleId :

OK-02-070720MS

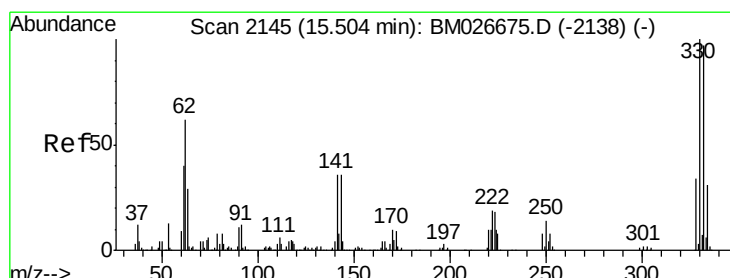
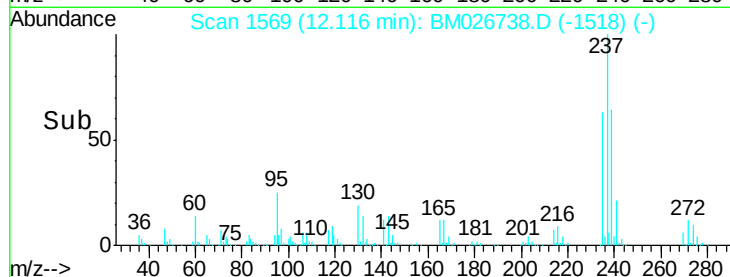
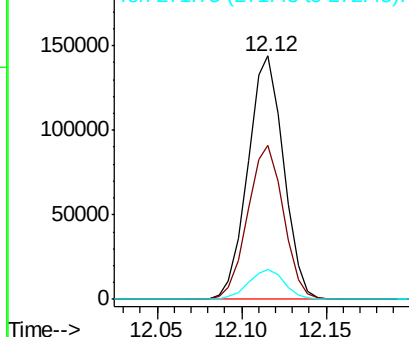
Tot Ion:	237	Resp:	212066
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.8	82.8
272	12.4	0.0	32.8

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: 132.144 ng

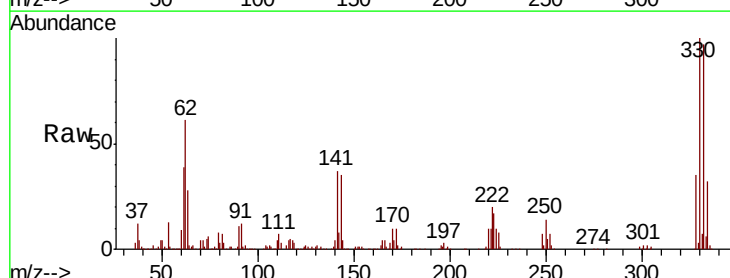
RT: 15.50 min Scan# 2144

Delta R.T. 0.01 min

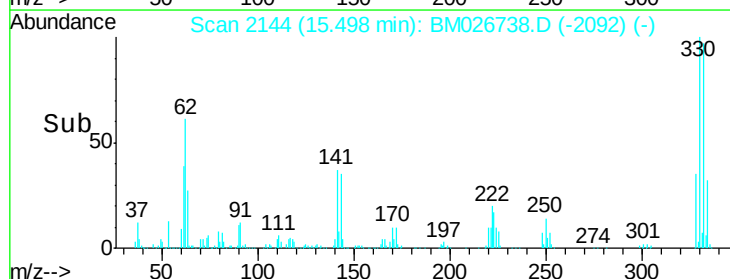
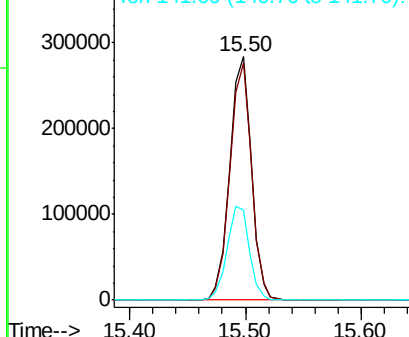
Lab File: BM026738.D

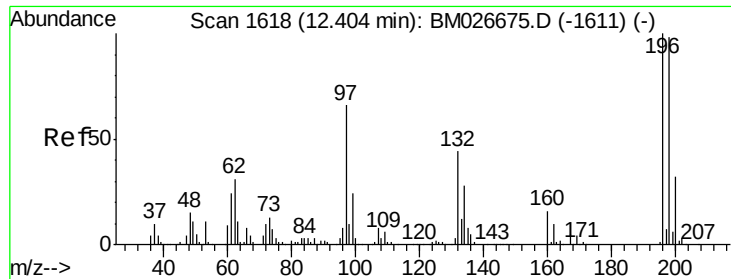
Acq: 10 Jul 2020 17:38

Tgt Ion:	330	Resp:	368917
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.5	116.3
141	39.7	32.4	48.6



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





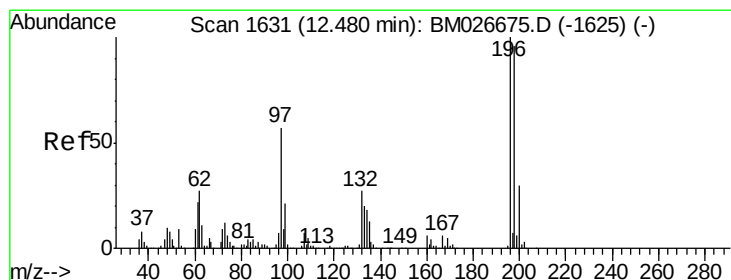
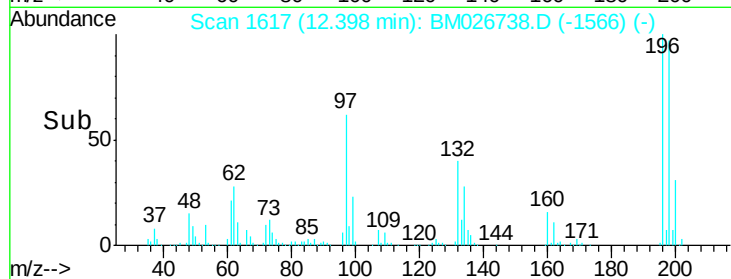
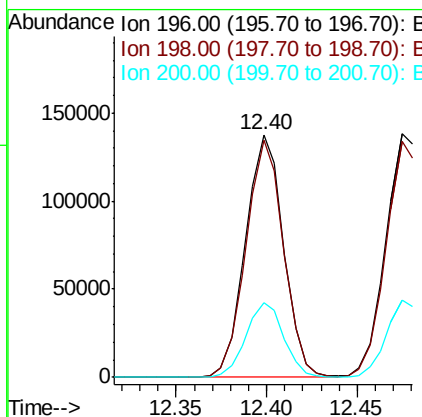
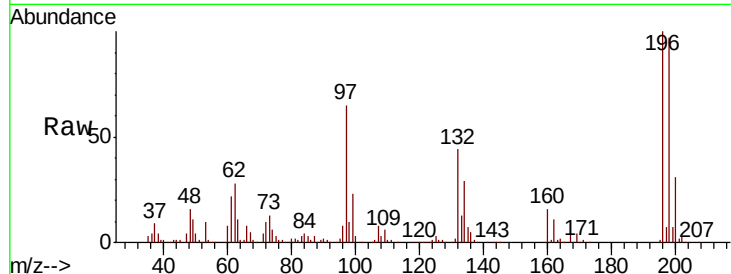
#43
 2,4,6-Trichlorophenol
 Concen: 49.465 ng
 RT: 12.40 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200752		
198	97.5	78.6	118.0	
200	30.6	25.3	37.9	

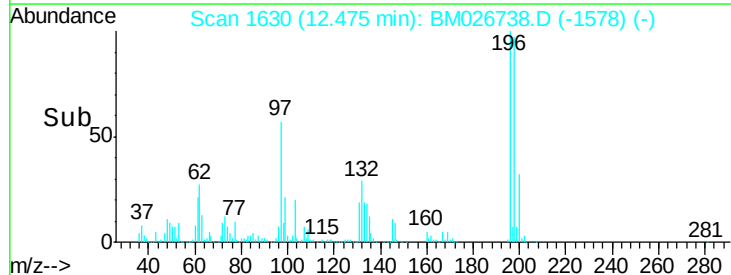
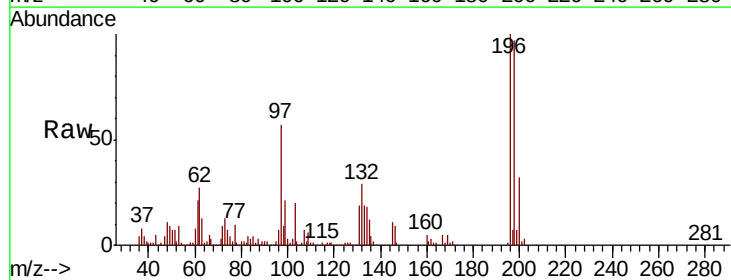
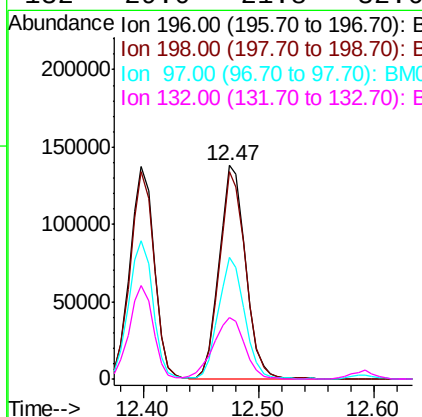
Manual Integrations
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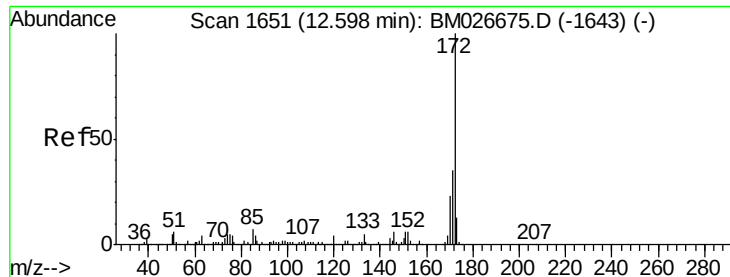
mohammad
 7/13/2020 1:03:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.849 ng
 RT: 12.47 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218659		
198	97.1	77.0	115.6	
97	57.2	45.7	68.5	
132	29.0	21.8	32.6	





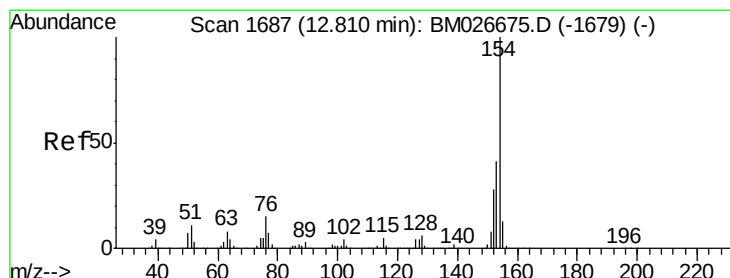
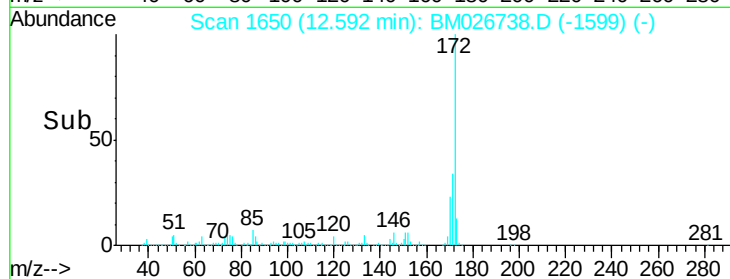
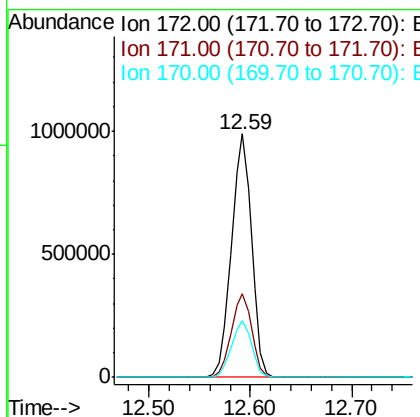
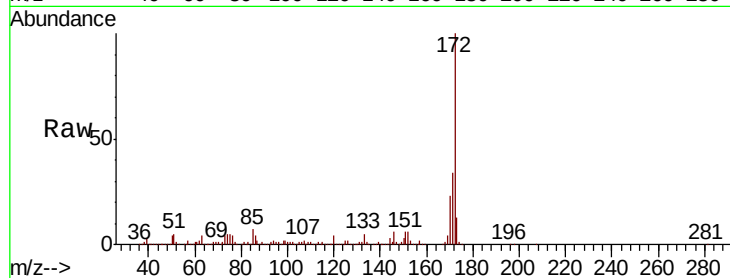
#45
2-Fluorobiphenyl
Concen: 94.288 ng
RT: 12.59 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.1	18.5	27.7

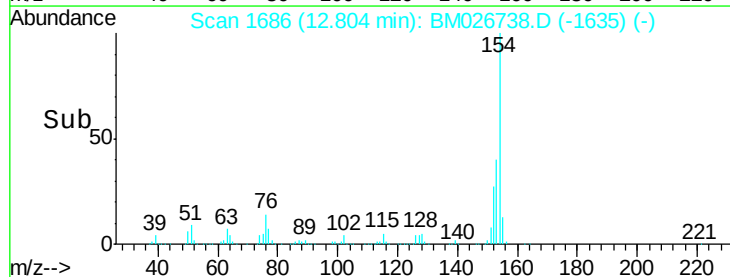
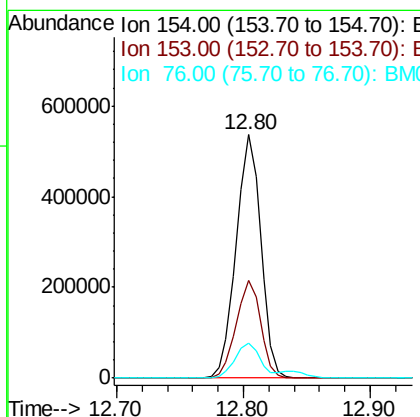
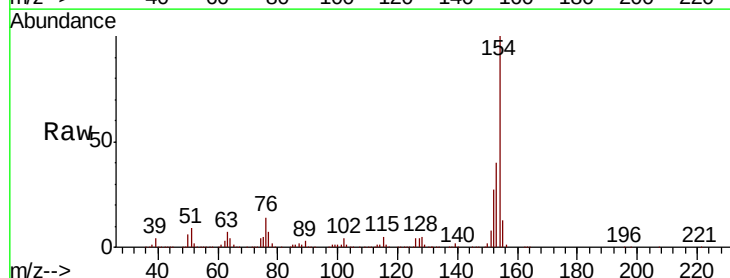
Manual Integrations
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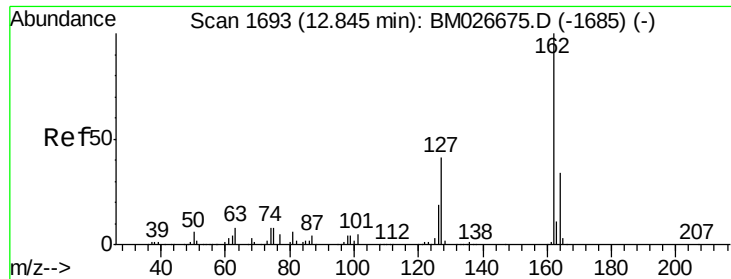
mohammad
7/13/2020 1:03:11 PM



#46
1,1'-Biphenyl
Concen: 47.570 ng
RT: 12.80 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	14.2	0.0	35.2





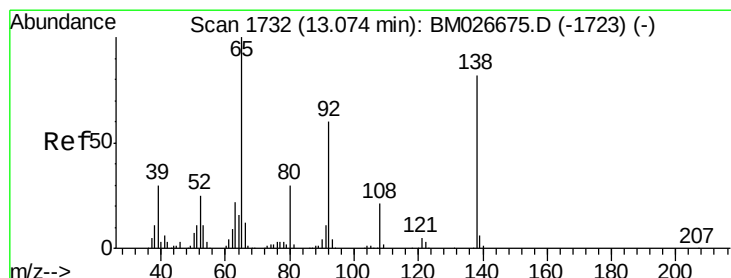
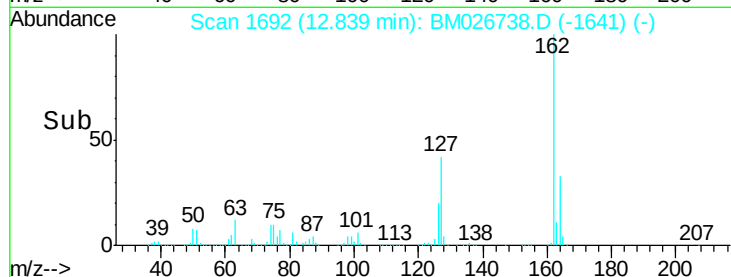
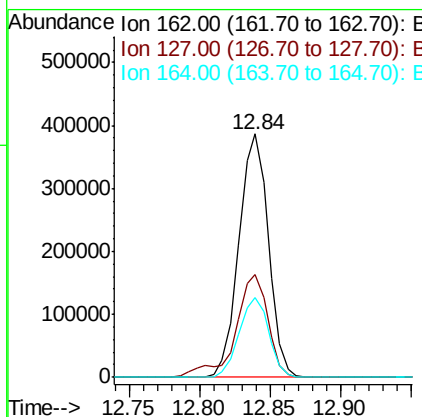
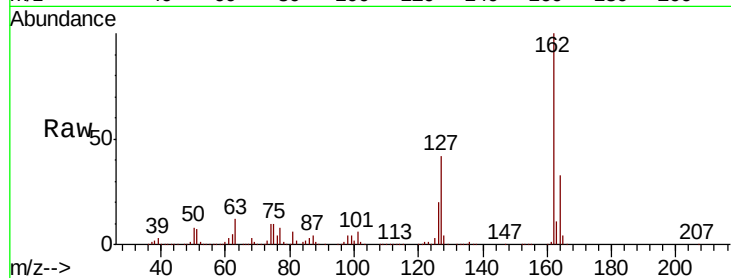
#47
2-Chloronaphthalene
Concen: 46.173 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.0	51.0
164	32.9	26.9	40.3

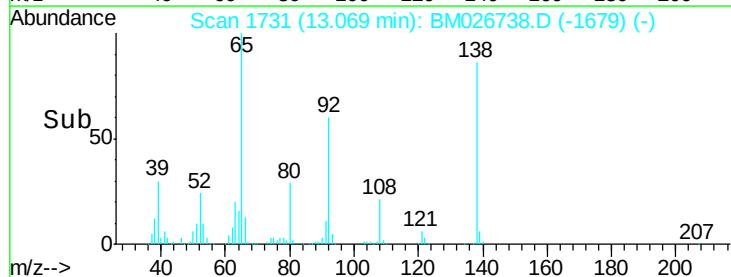
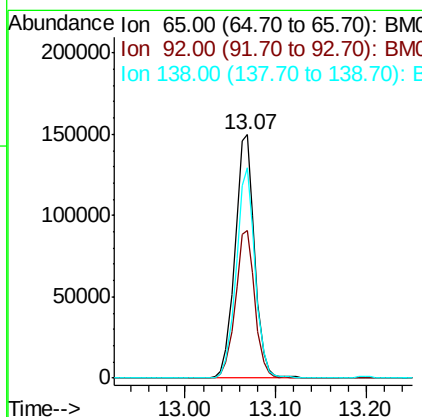
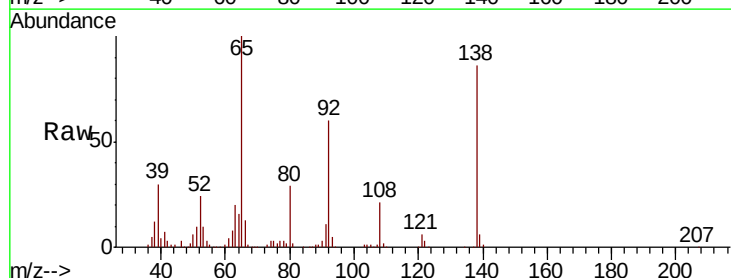
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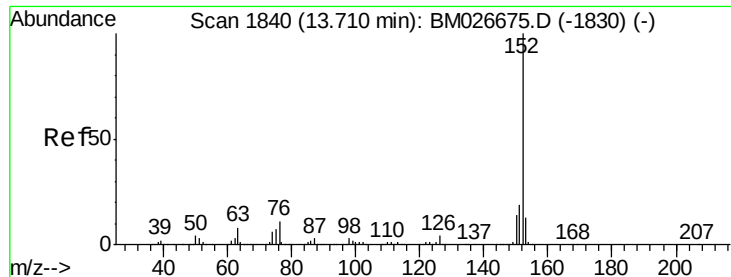
mohammad
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#48
2-Nitroaniline
Concen: 45.169 ng
RT: 13.07 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.5	47.8	71.8
138	86.4	65.6	98.4





#49

Acenaphthylene

Concen: 44.594 ng

RT: 13.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

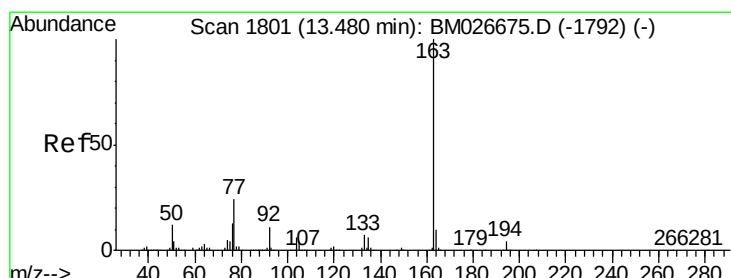
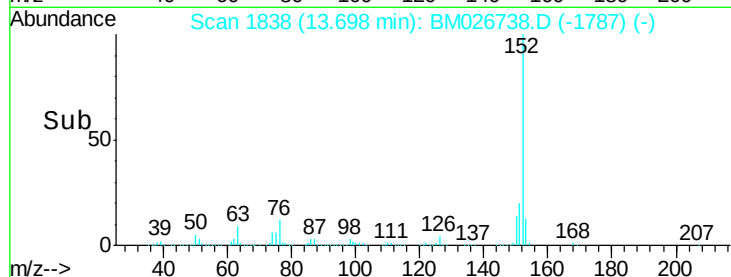
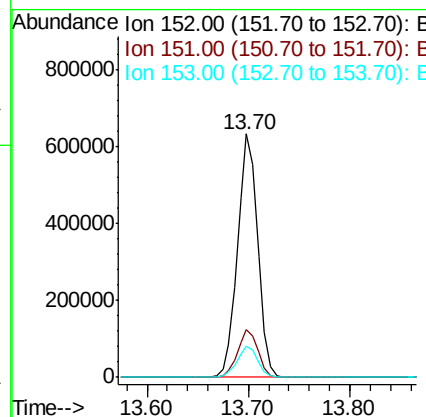
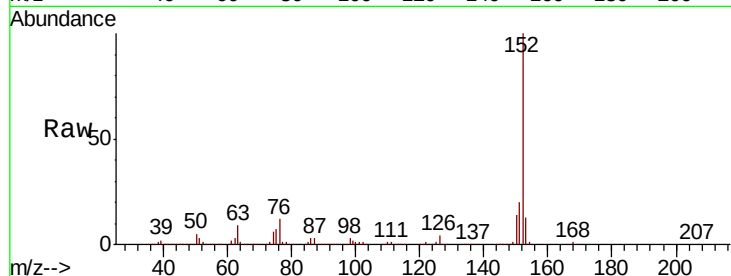
ClientSampleId :

OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	12.9	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 56.391 ng

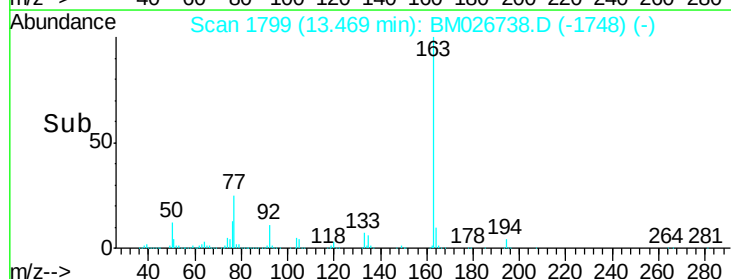
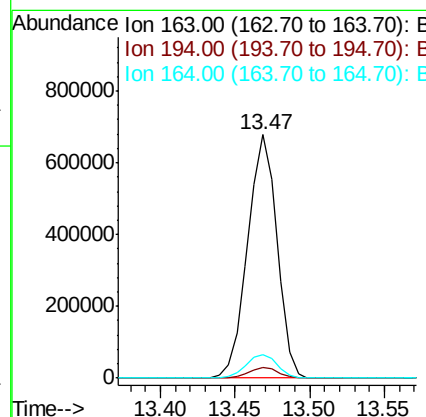
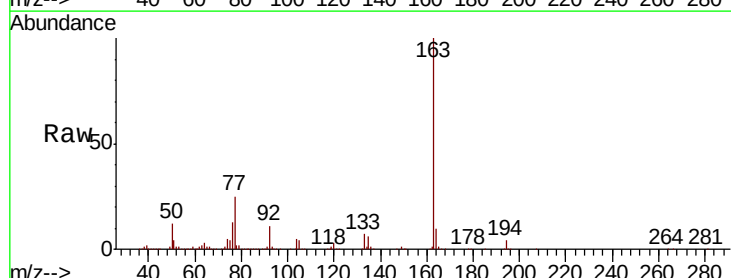
RT: 13.47 min Scan# 1799

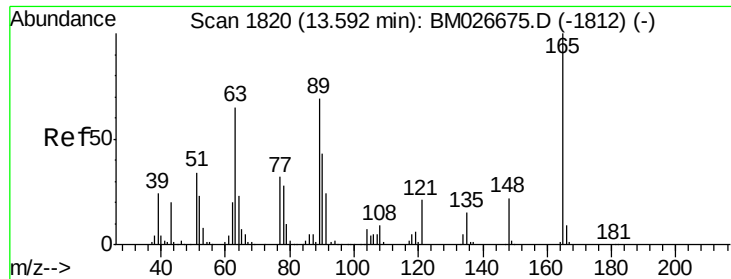
Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.7	7.8	11.6





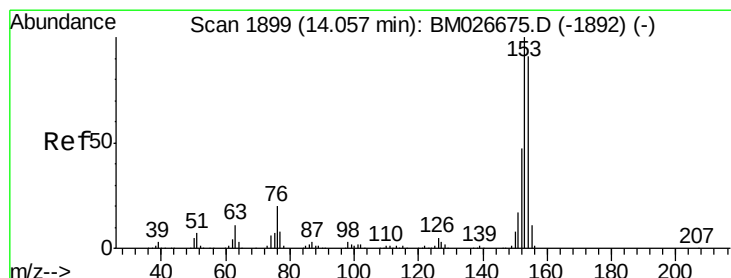
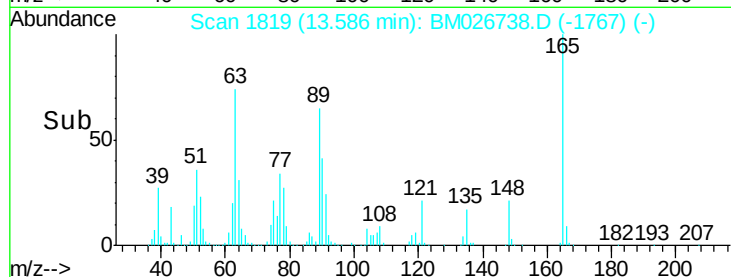
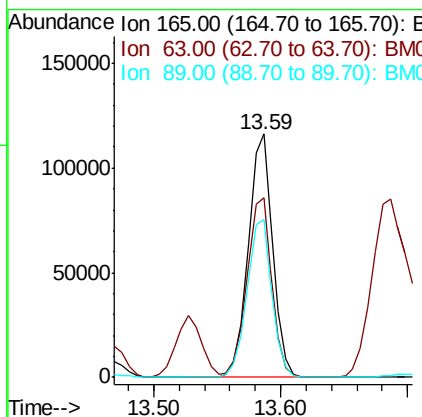
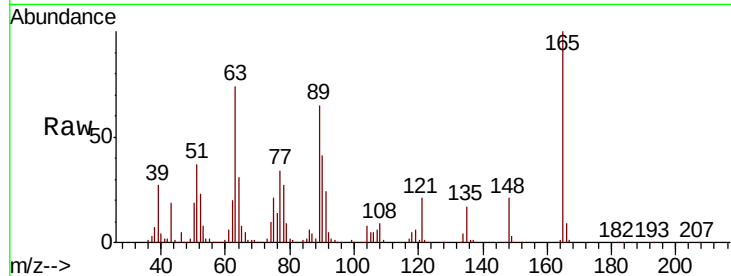
#51
2,6-Dinitrotoluene
Concen: 44.272 ng
RT: 13.59 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	155408		
63	73.6	61.1	91.7	
89	64.9	54.9	82.3	

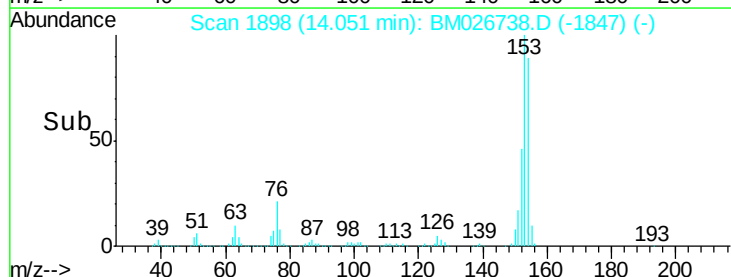
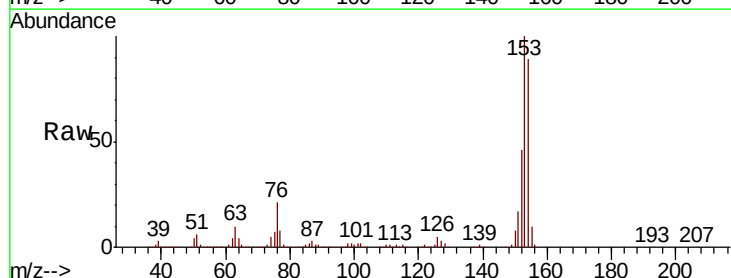
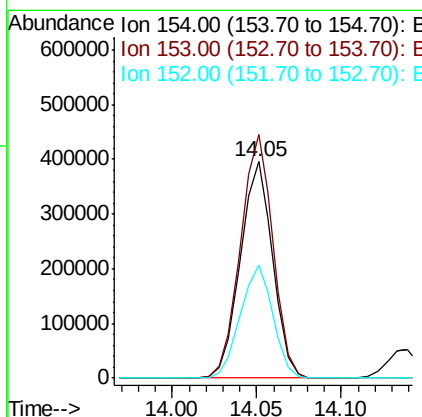
Manual Integrations
APPROVED

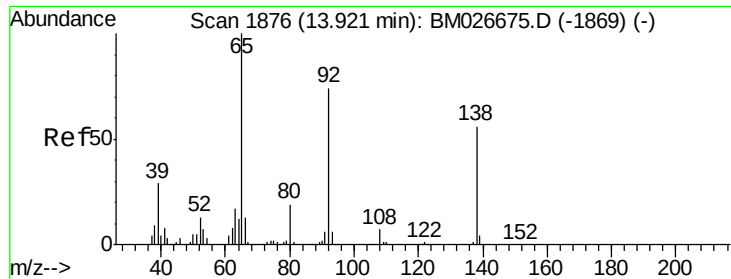
mohammad
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#52
Acenaphthene
Concen: 44.505 ng
RT: 14.05 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	528787		
153	112.5	88.3	132.5	
152	52.1	41.1	61.7	





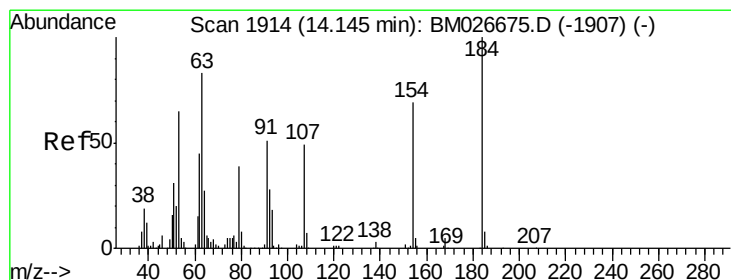
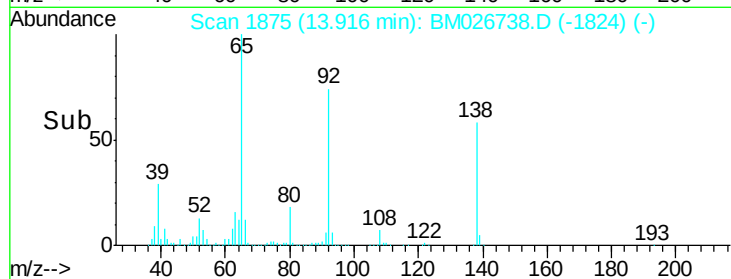
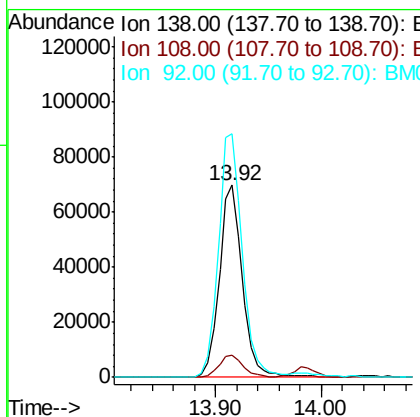
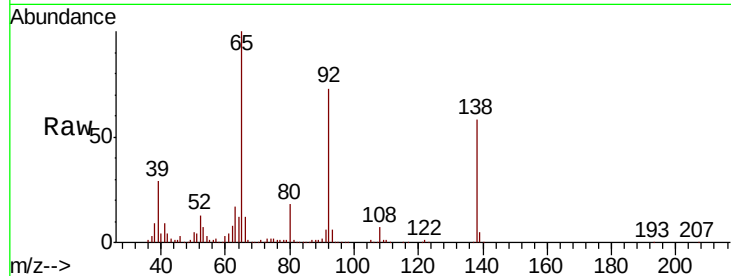
#53
3-Nitroaniline
Concen: 29.006 ng
RT: 13.92 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.7	14.5
92	126.6	105.6	158.4

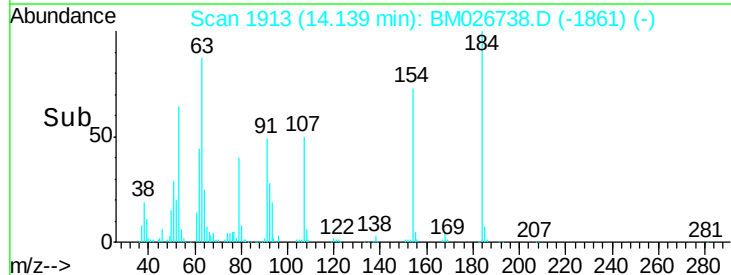
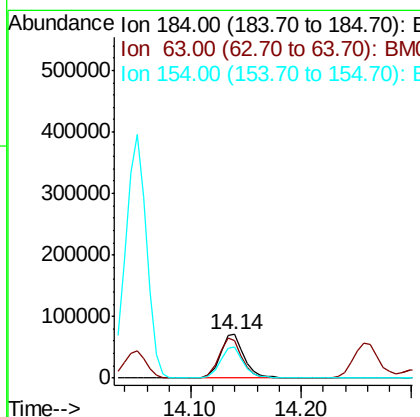
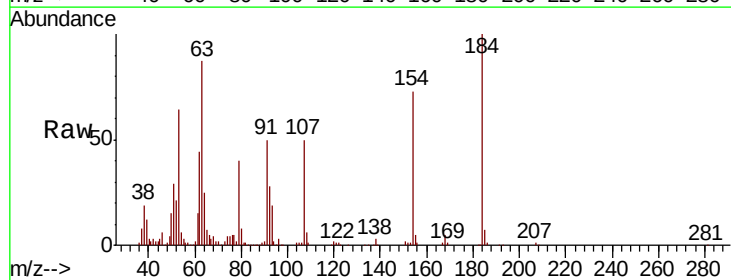
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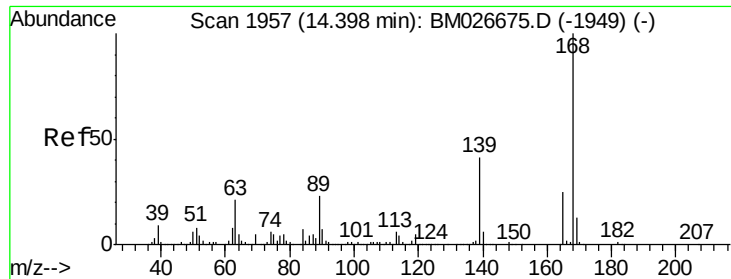
mohammad
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#54
2,4-Dinitrophenol
Concen: 46.847 ng
RT: 14.14 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.9	66.2	99.4
154	73.3	55.2	82.8





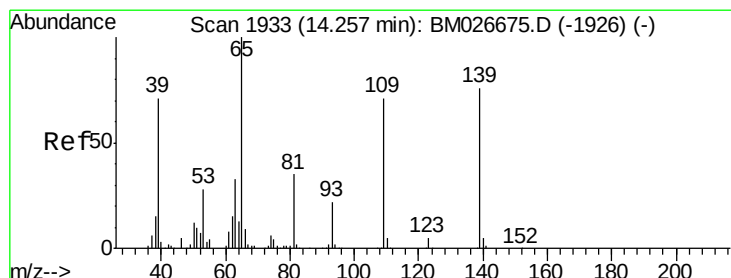
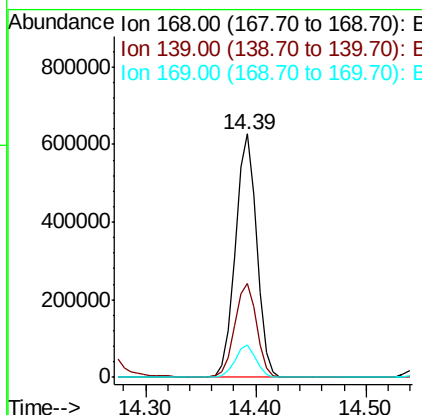
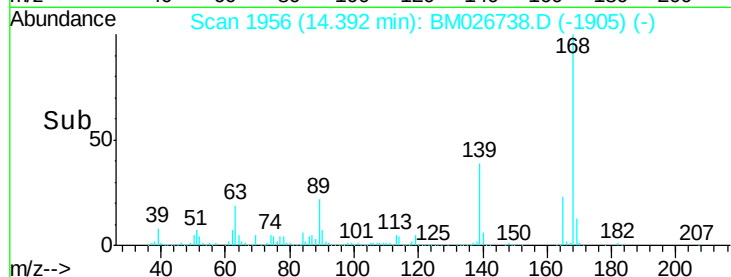
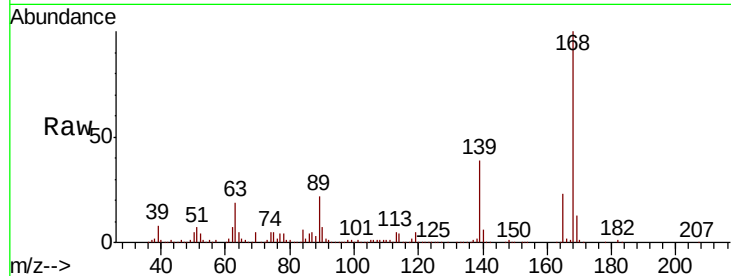
#55
Dibenzofuran
Concen: 43.585 ng
RT: 14.39 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	849090		
139	38.7	32.6	48.8	
169	13.4	10.5	15.7	

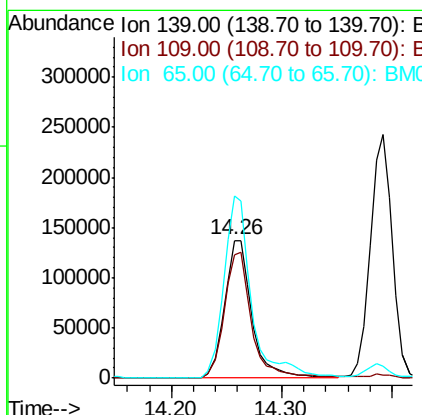
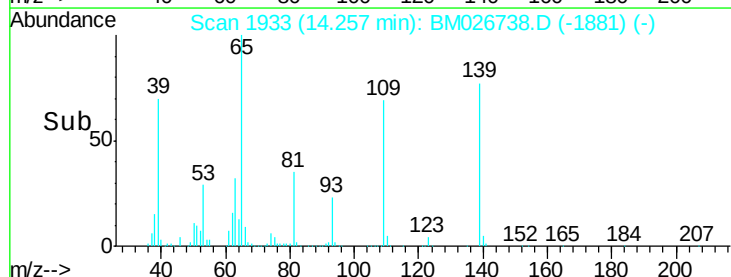
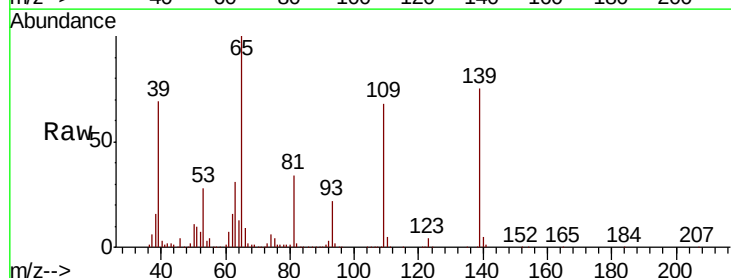
Manual Integrations
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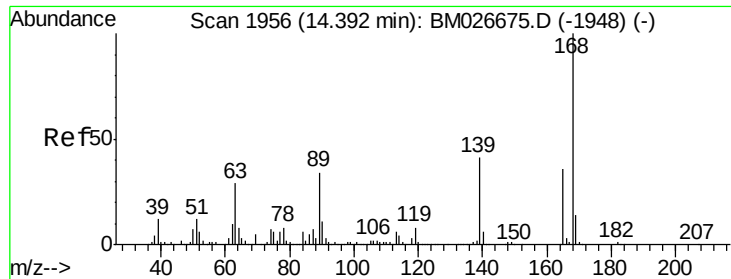
mohammad
7/13/2020 1:03:11 PM



#56
4-Nitrophenol
Concen: 74.906 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	237627		
109	89.7	73.7	113.7	
65	132.7	111.5	151.5	





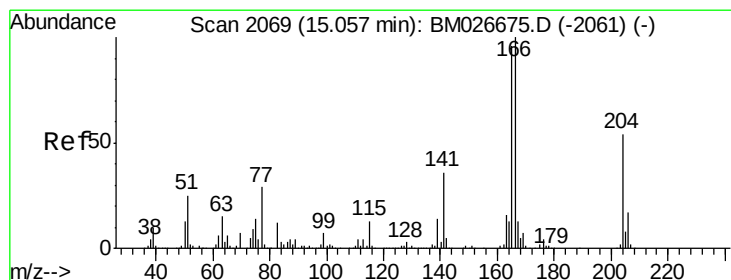
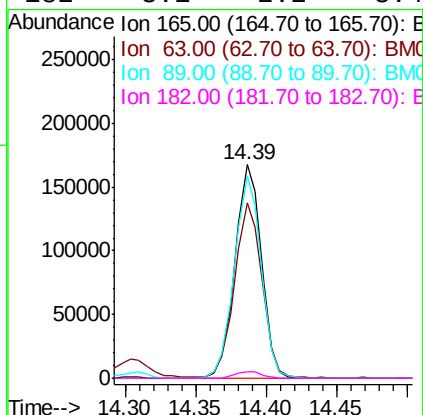
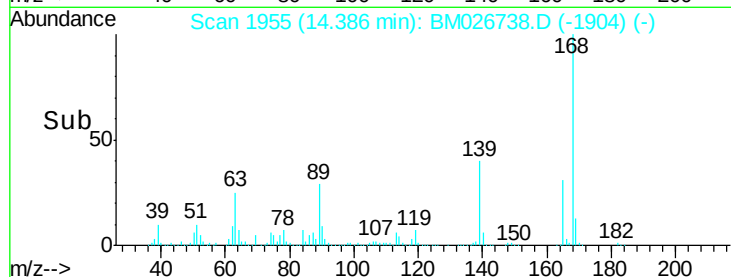
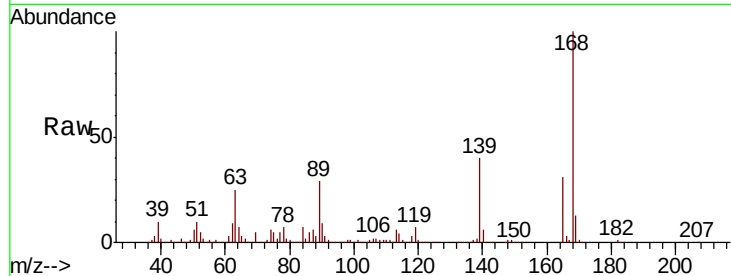
#57
 2,4-Dinitrotoluene
 Concen: 43.203 ng
 RT: 14.39 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	218883		
63	81.9	64.6	97.0	
89	94.9	75.4	113.2	
182	3.1	2.2	3.4	

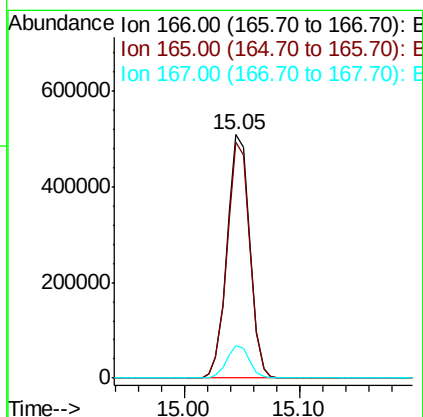
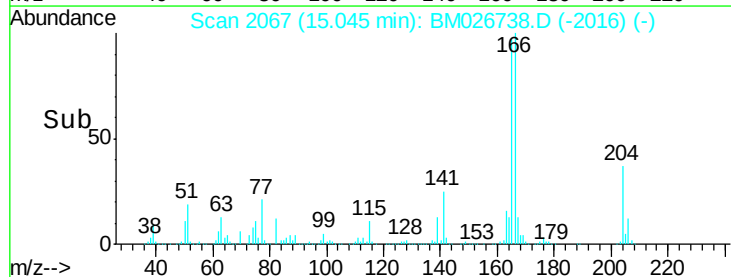
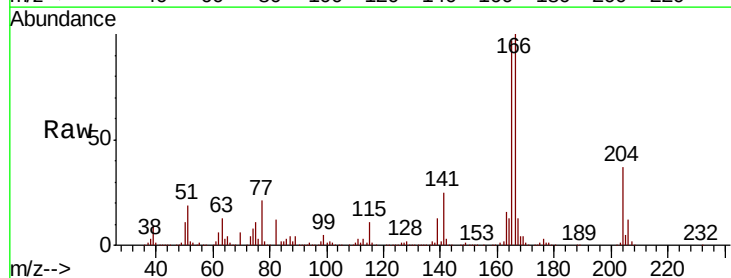
Manual Integrations
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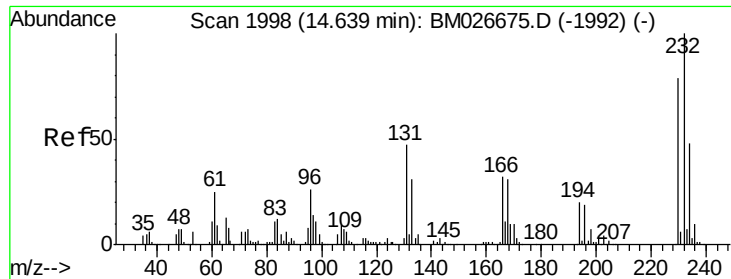
mohammad
 7/13/2020 1:03:11 PM



#58
 Fluorene
 Concen: 42.828 ng
 RT: 15.05 min Scan# 2067
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	690803		
165	96.9	77.1	115.7	
167	13.4	10.8	16.2	





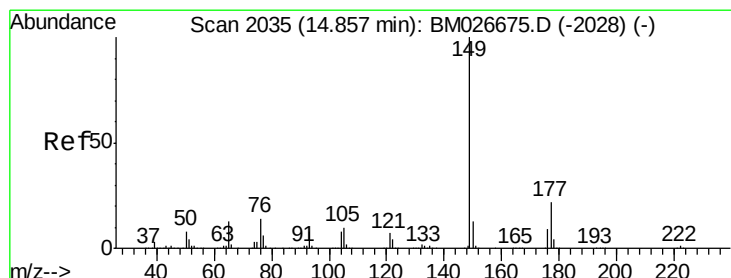
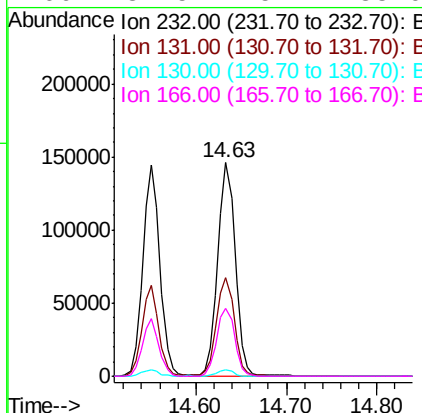
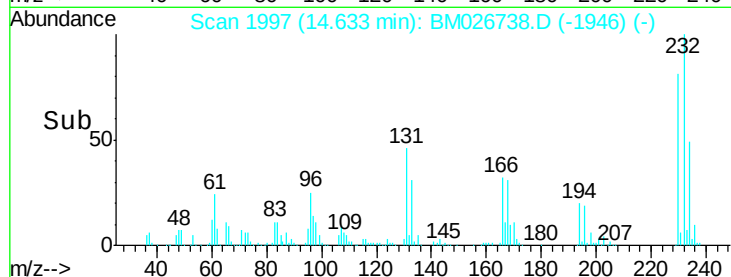
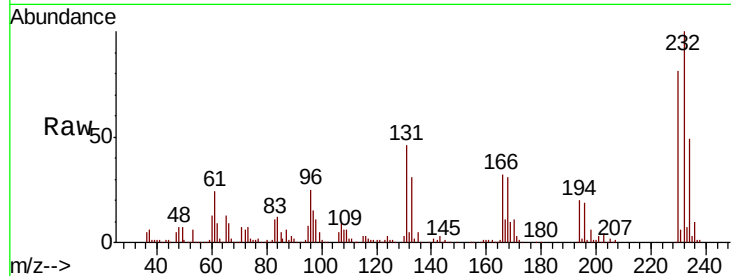
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.513 ng
 RT: 14.63 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197887		
131	46.0		38.4	57.6
130	2.7		2.2	3.2
166	32.5		25.4	38.0

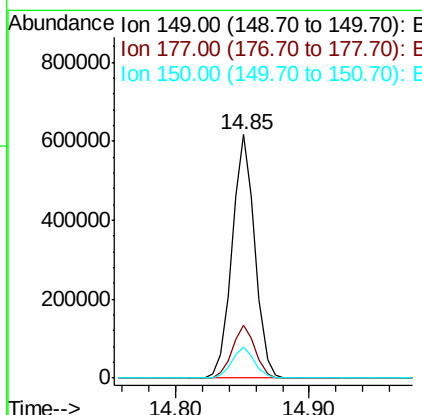
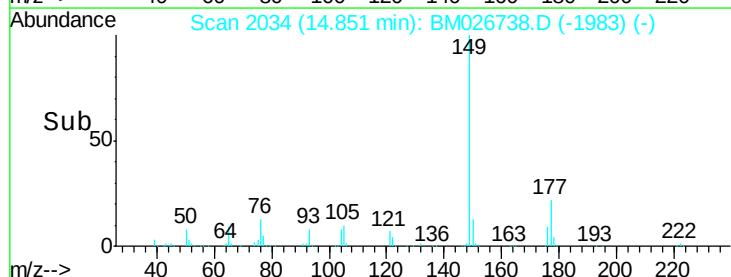
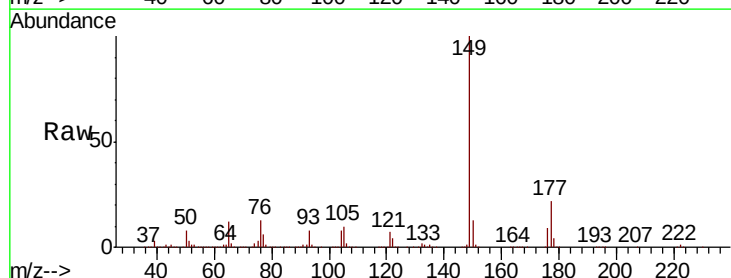
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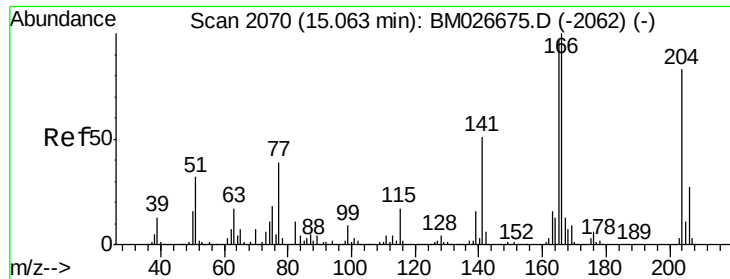
mohammad
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#60
 Diethylphthalate
 Concen: 42.146 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	730545		
177	21.8		17.8	26.6
150	12.6		10.2	15.4





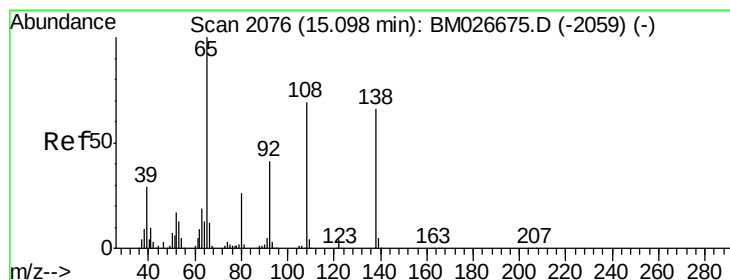
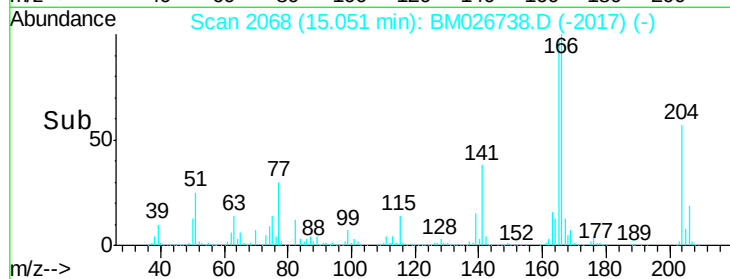
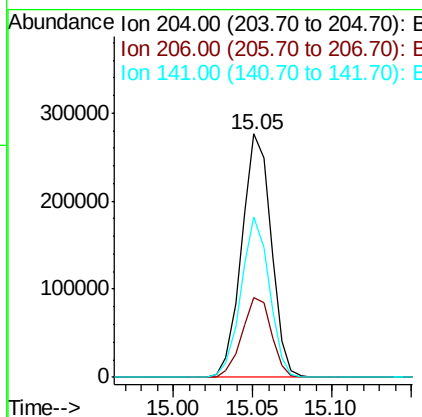
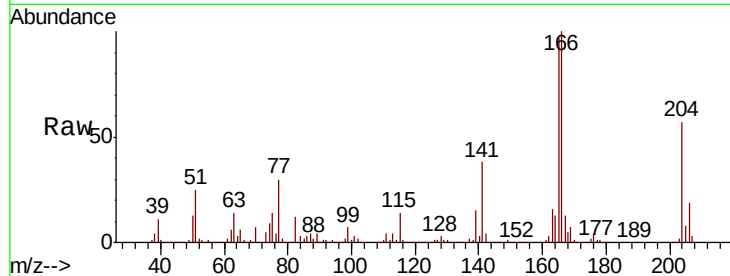
#61
 4-Chlorophenyl-phenylether
 Concen: 40.731 ng
 RT: 15.05 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion:	204	Resp:	355939
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.9	38.9
141	65.7	49.5	74.3

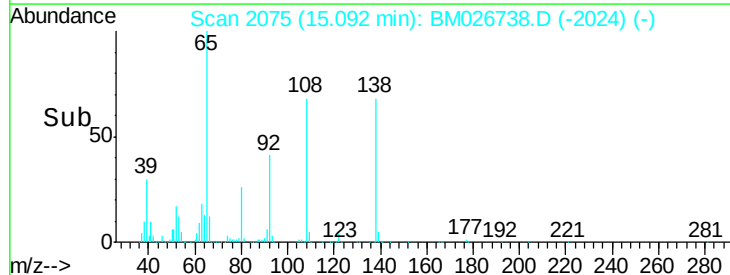
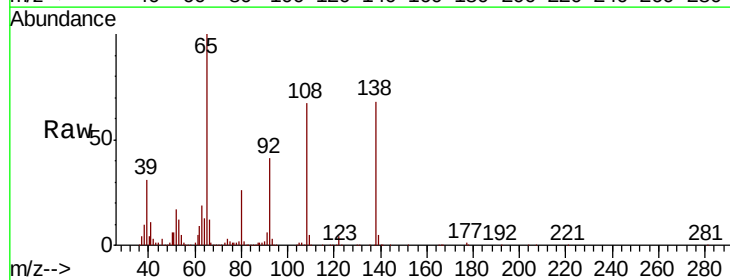
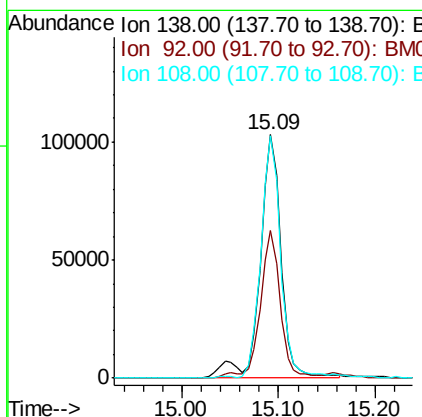
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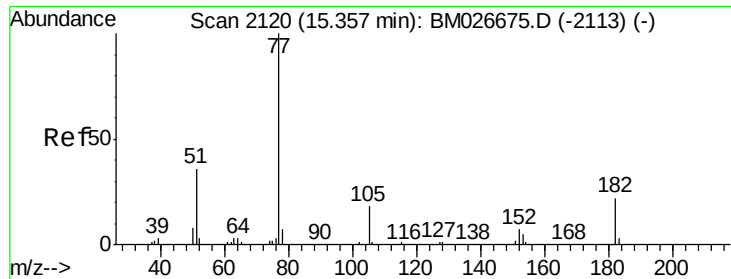
mohammad
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#62
 4-Nitroaniline
 Concen: 37.776 ng m
 RT: 15.09 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion:	138	Resp:	158139
Ion Ratio	Lower	Upper	
138	100		
92	60.5	41.5	81.5
108	99.5	84.8	124.8





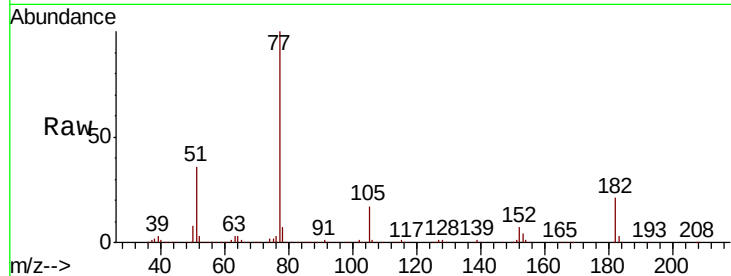
#63
Azobenzene
Concen: 42.763 ng
RT: 15.35 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.0	1.6	41.6
105	17.0	0.0	37.8
51	36.2	16.5	56.5

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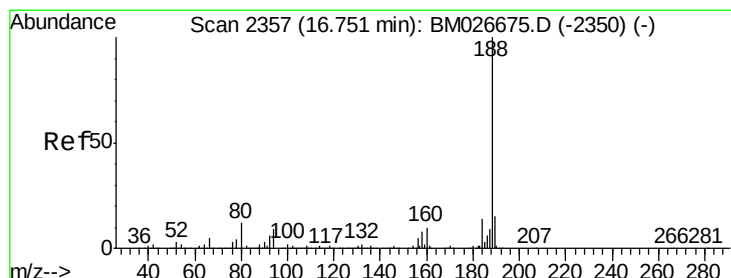
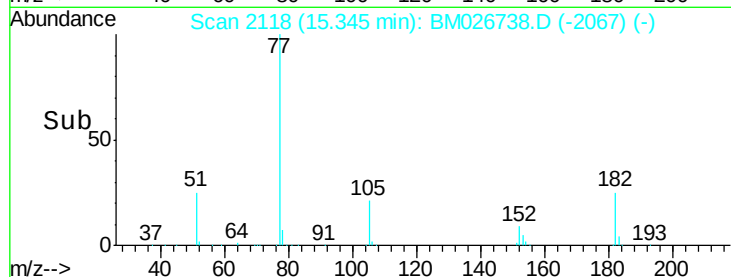
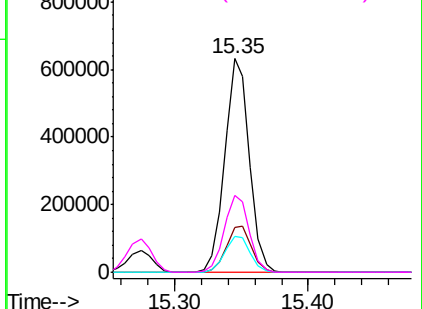


Abundance Ion 77.00 (76.70 to 77.70): BM026675.D (-2113) (-)

Ion 182.00 (181.70 to 182.70): BM026675.D (-2113) (-)

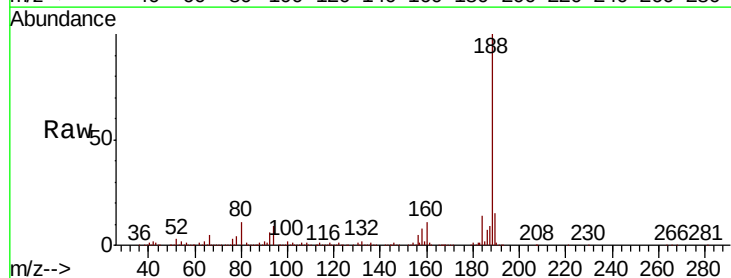
Ion 105.00 (104.70 to 105.70): BM026675.D (-2113) (-)

Ion 51.00 (50.70 to 51.70): BM026675.D (-2113) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

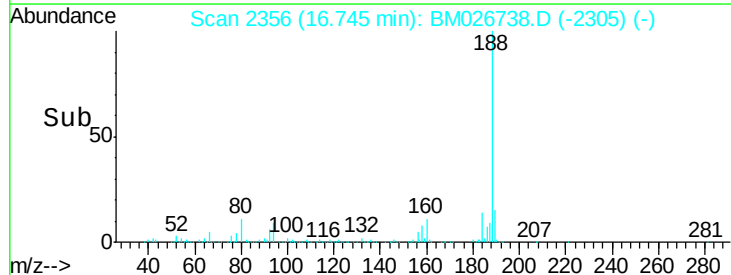
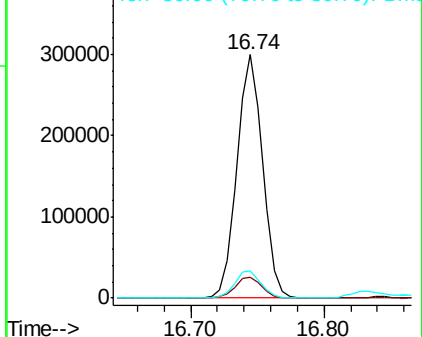
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.0
80	11.4	9.3	13.9

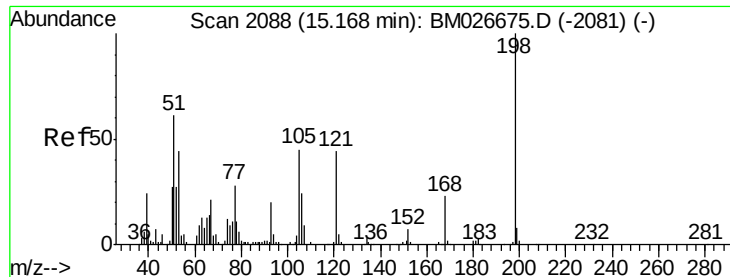


Abundance Ion 188.00 (187.70 to 188.70): BM026675.D (-2350) (-)

Ion 94.00 (93.70 to 94.70): BM026675.D (-2350) (-)

Ion 80.00 (79.70 to 80.70): BM026675.D (-2350) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 28.886 ng

RT: 15.16 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

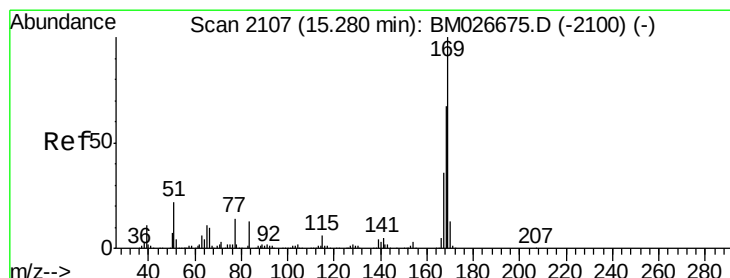
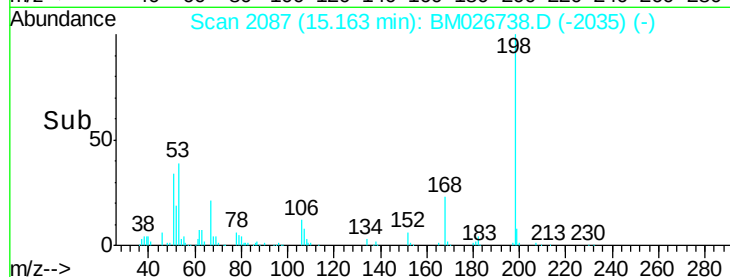
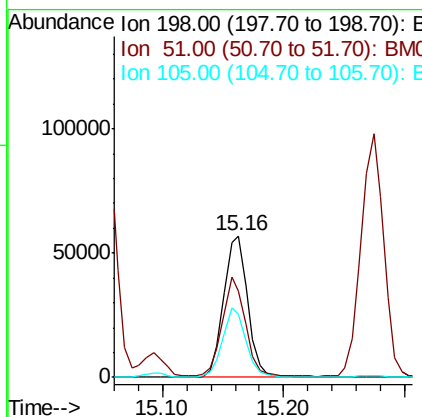
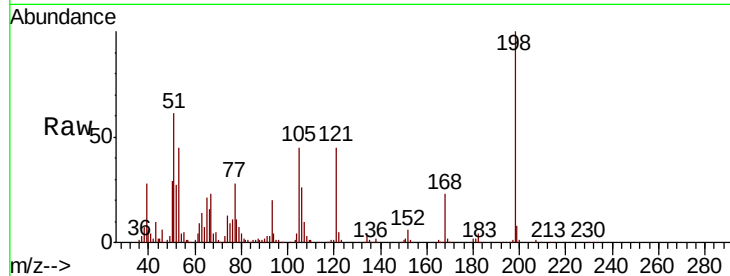
ClientSampleId :

OK-02-070720MS

Tot Ion:	198	Resp:	78612
Ion Ratio	Lower	Upper	
198	100		
51	60.7	42.0	82.0
105	44.8	24.9	64.9

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#66

n-Nitrosodiphenylamine

Concen: 46.827 ng

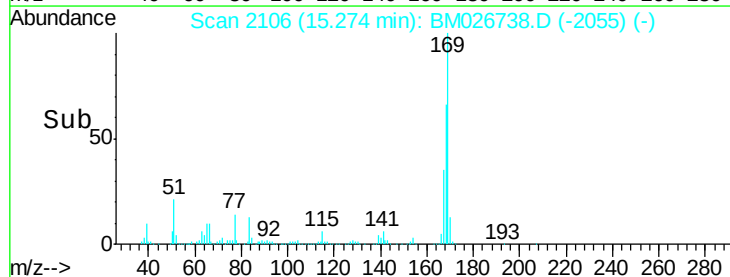
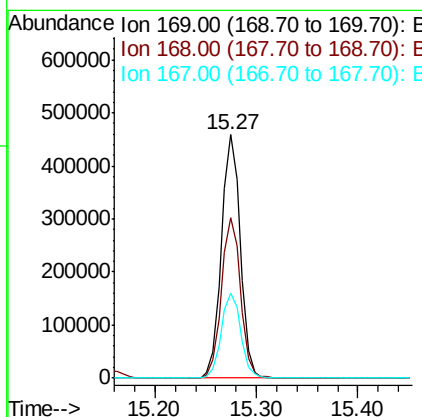
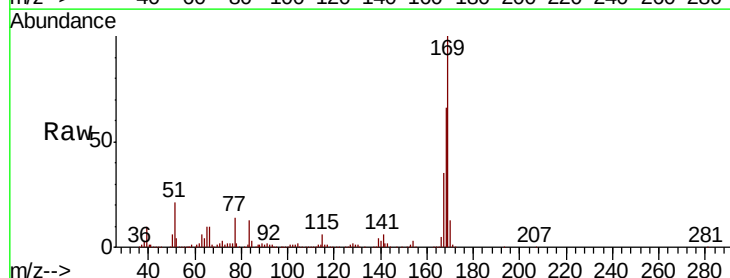
RT: 15.27 min Scan# 2106

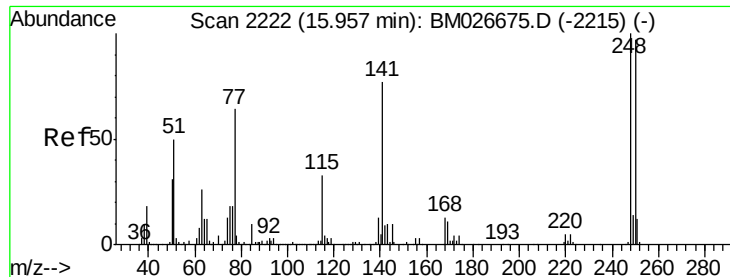
Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion:	169	Resp:	593077
Ion Ratio	Lower	Upper	
169	100		
168	66.0	53.8	80.8
167	34.9	28.6	43.0





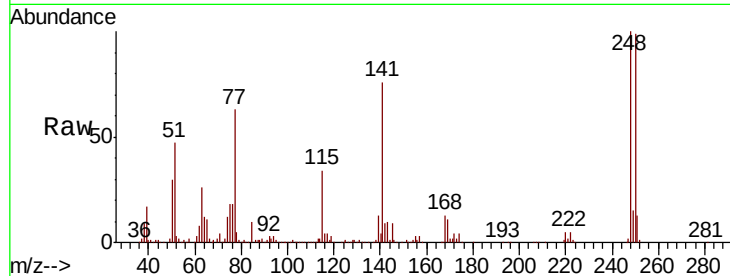
#67
 4-Bromophenyl-phenylether
 Concen: 43.375 ng
 RT: 15.95 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.4	116.2
141	76.2	61.9	92.9

Manual Integrations
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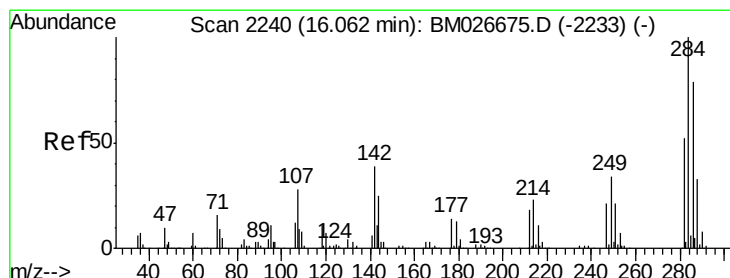
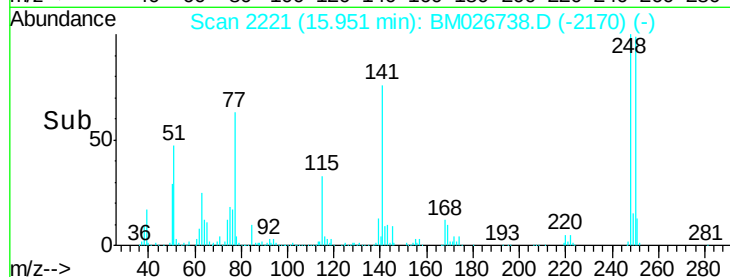
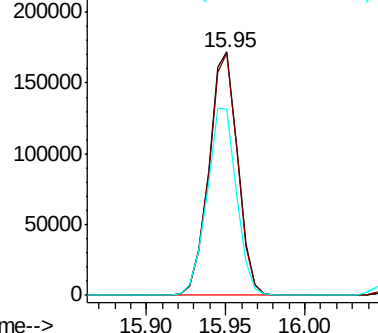


Abundance

Ion 248.00 (247.70 to 248.70): E

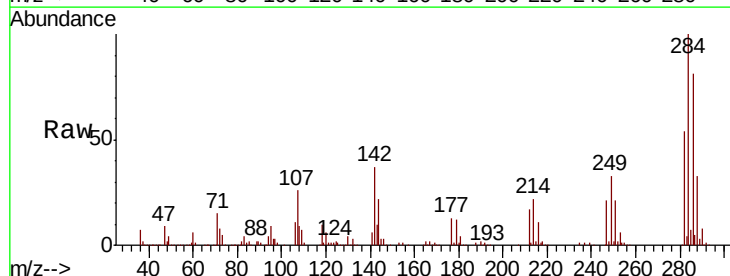
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.045 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	31.1	46.7
249	33.3	27.4	41.0

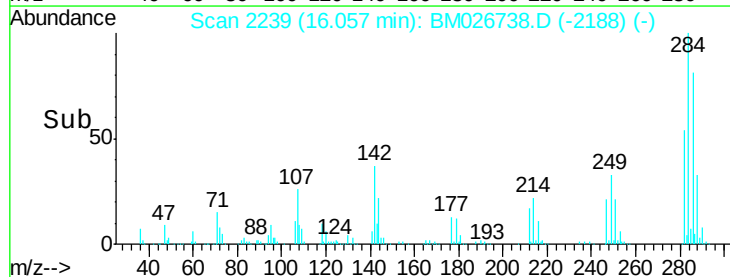
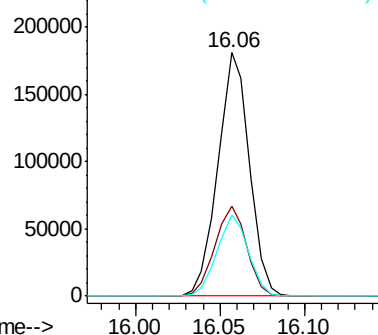


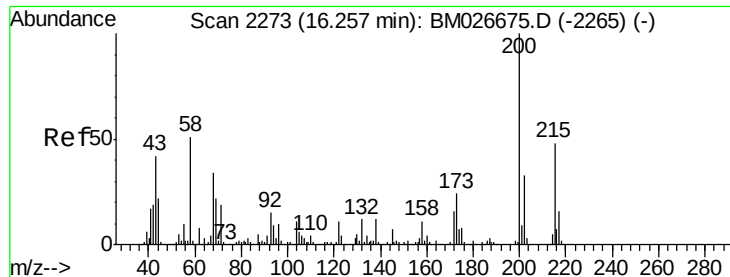
Abundance

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





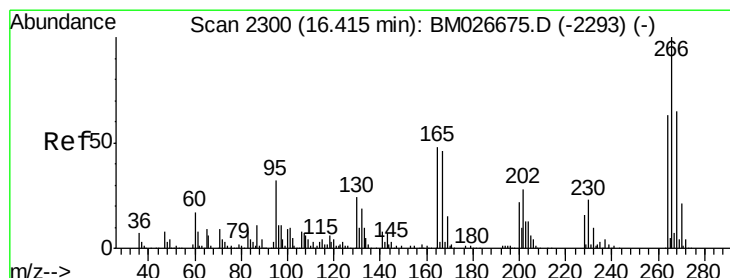
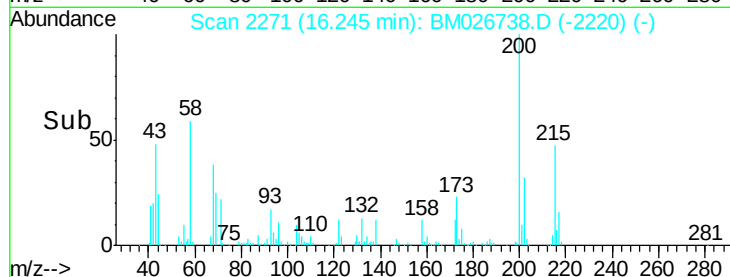
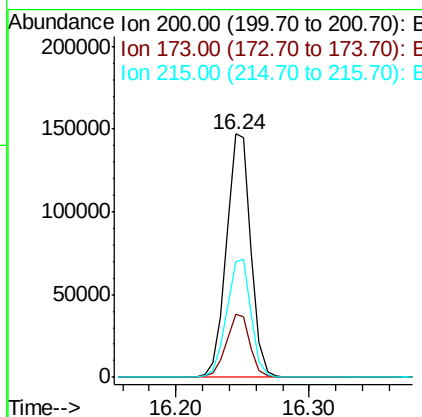
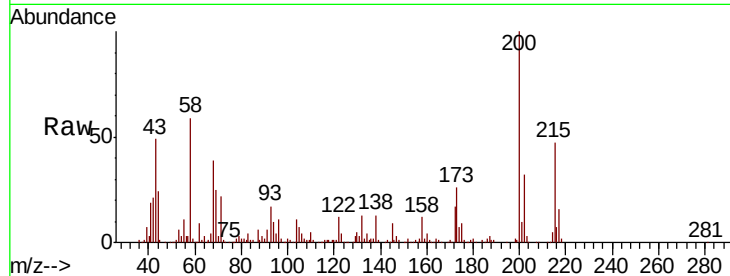
#69
Atrazine
Concen: 49.607 ng
RT: 16.24 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	188934		
173	25.7	4.5	44.5	
215	47.5	28.4	68.4	

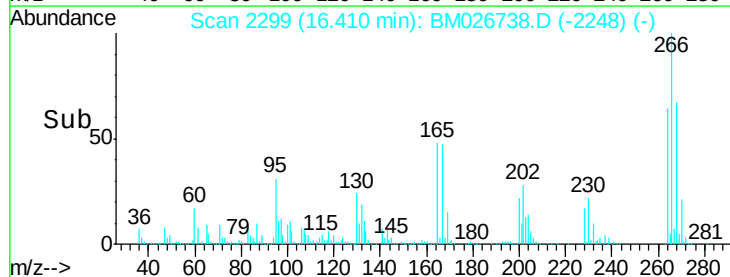
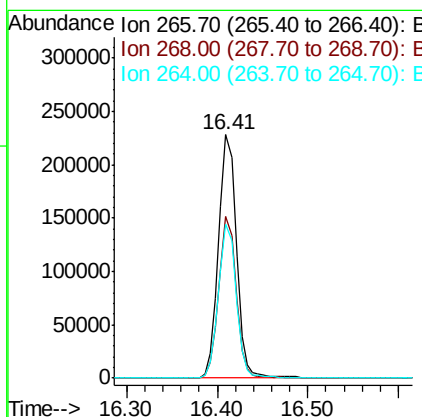
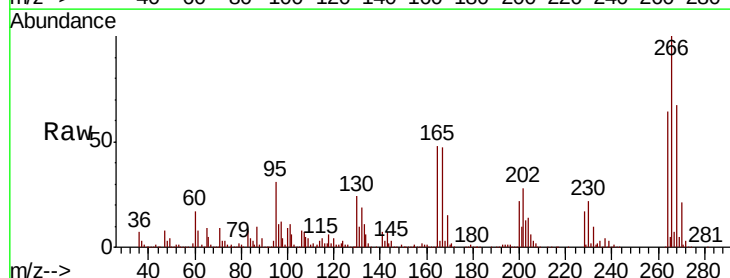
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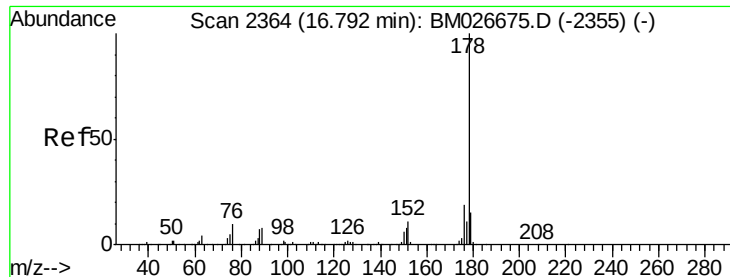
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#70
Pentachlorophenol
Concen: 106.565 ng
RT: 16.41 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	314762		
268	66.5	51.8	77.6	
264	63.5	50.1	75.1	





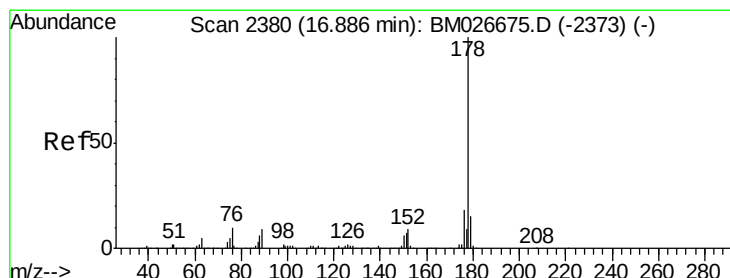
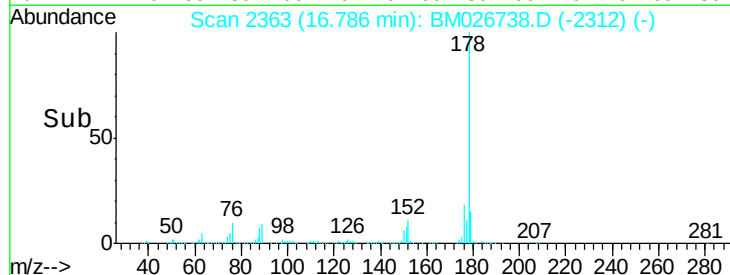
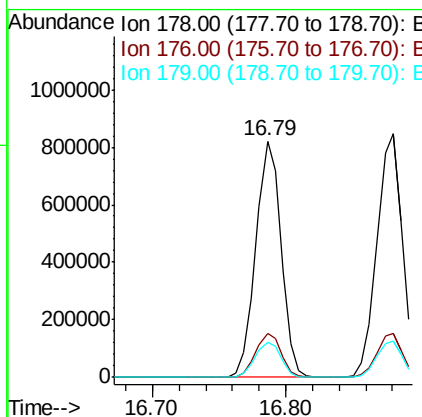
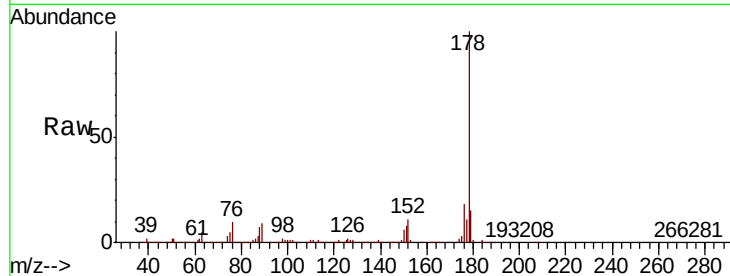
#71
Phenanthrene
Concen: 45.413 ng
RT: 16.79 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion:178 Resp: 1068500
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.1 12.1 18.1

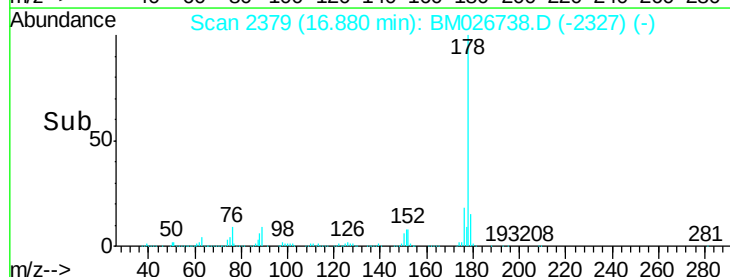
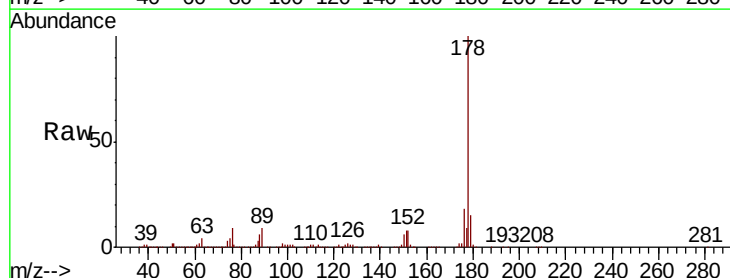
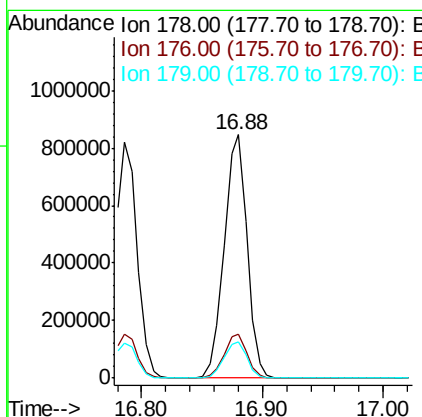
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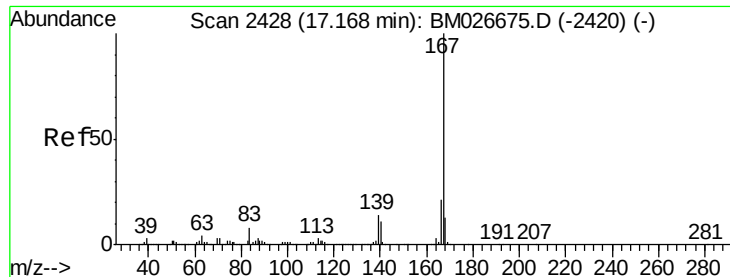
mohammad
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#72
Anthracene
Concen: 47.320 ng
RT: 16.88 min Scan# 2379
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion:178 Resp: 1108367
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.1 12.1 18.1





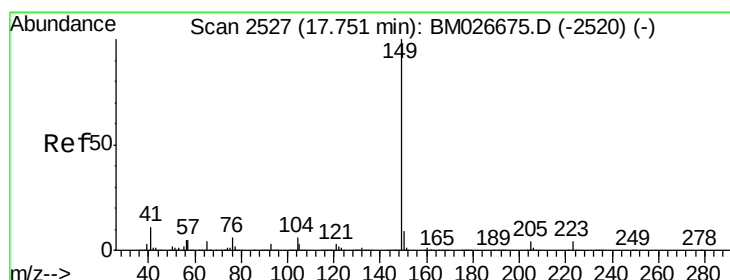
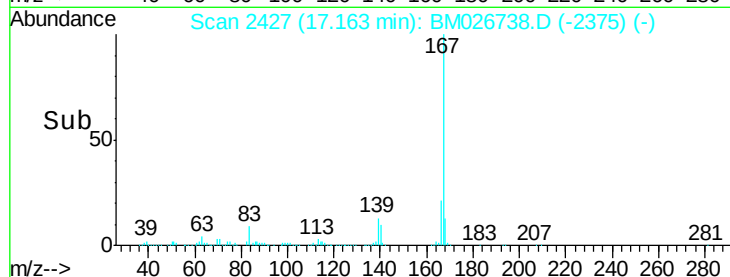
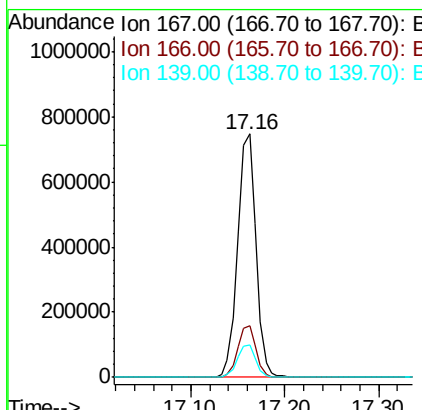
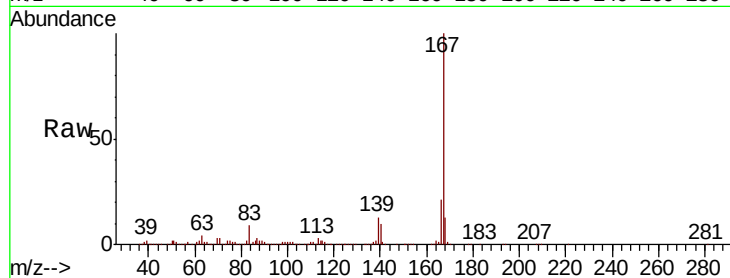
#73
 Carbazole
 Concen: 45.464 ng
 RT: 17.16 min Scan# 2427
 Delta R.T. 0.01 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.9	25.3
139	13.1	10.8	16.2

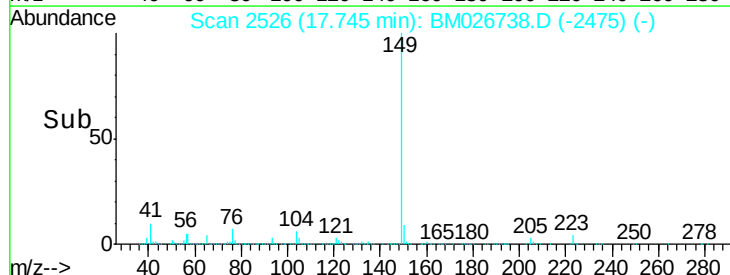
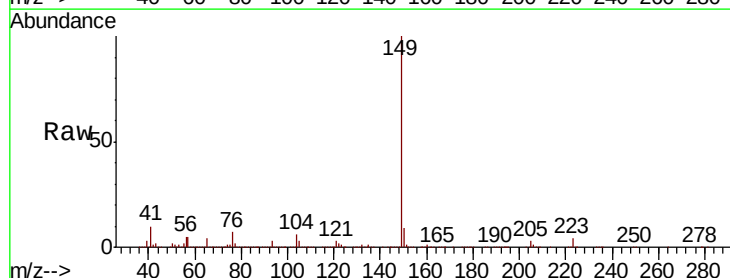
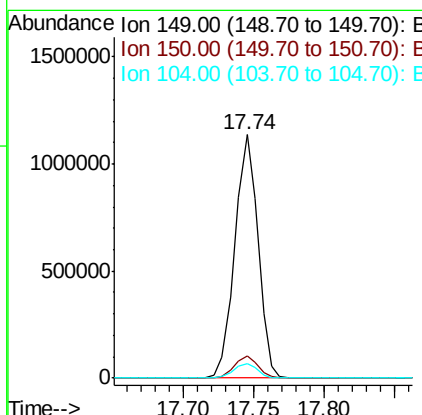
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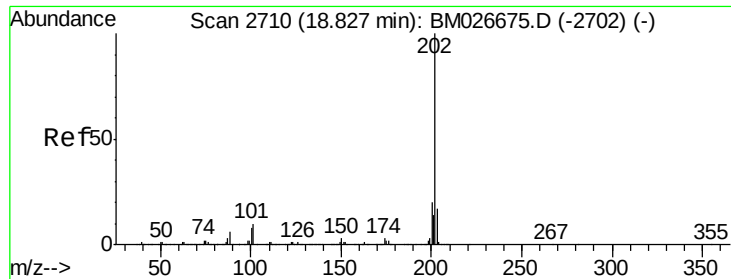
mohammad
 7/13/2020 1:03:11 PM



#74
 Di-n-butylphthalate
 Concen: 46.324 ng
 RT: 17.74 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 45.713 ng

RT: 18.82 min Scan# 2709

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

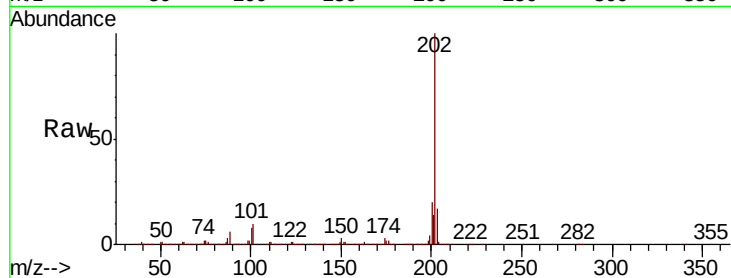
ClientSampleId :

OK-02-070720MS

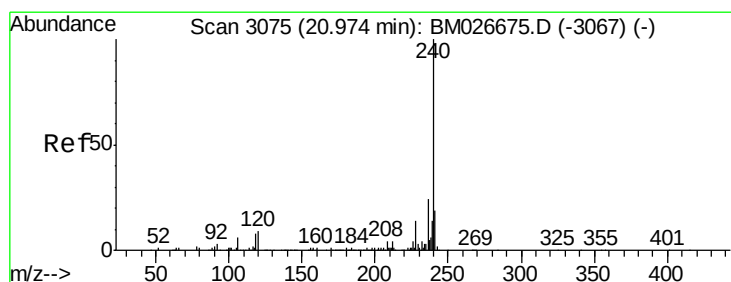
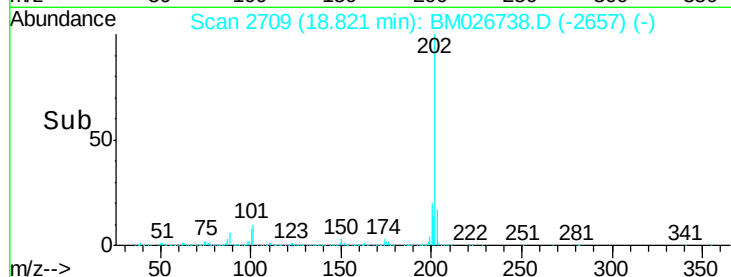
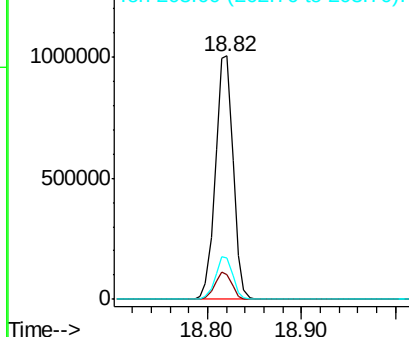
Tot Ion:	202	Resp:	1324737
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.1
203	17.0	0.0	37.2

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

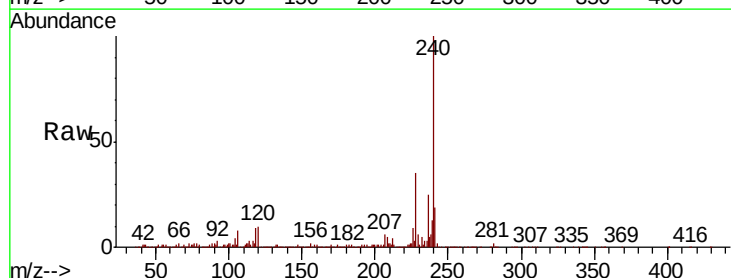
RT: 20.97 min Scan# 3074

Delta R.T. 0.01 min

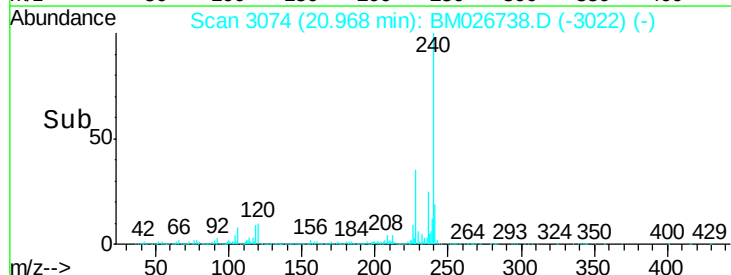
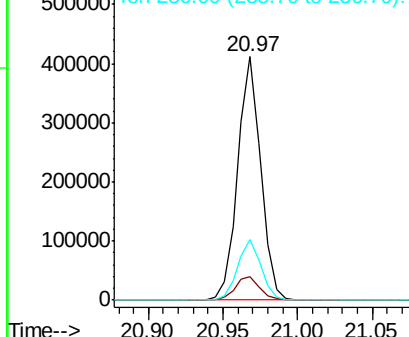
Lab File: BM026738.D

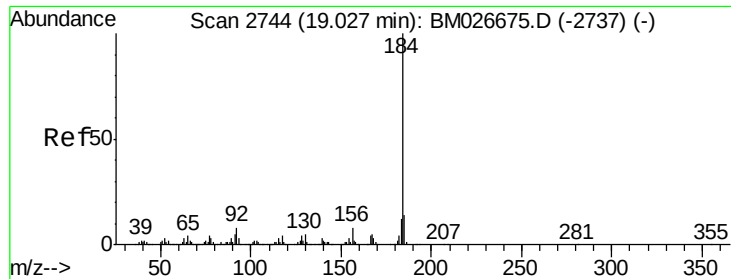
Acq: 10 Jul 2020 17:38

Tgt Ion:	240	Resp:	444557
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.3	10.9
236	25.0	19.4	29.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.927 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

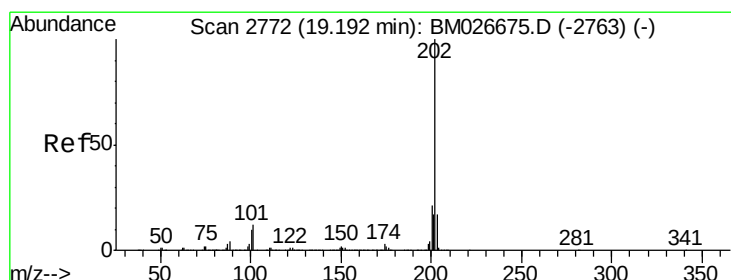
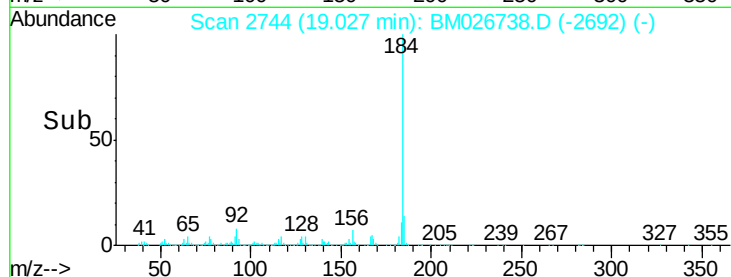
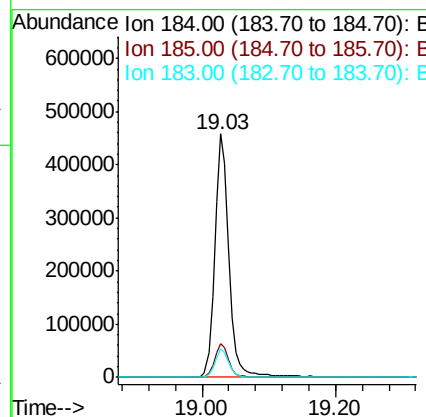
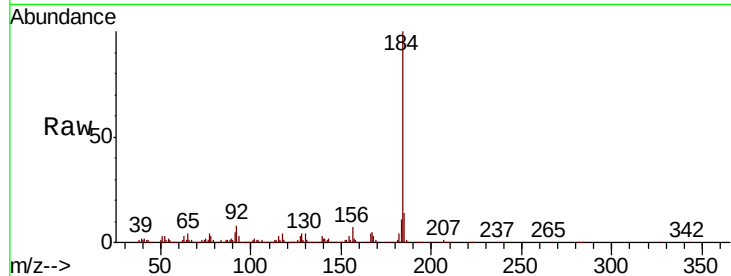
ClientSampleId :

OK-02-070720MS

Tot Ion:	184	Resp:	682989
Ion Ratio	Lower	Upper	
184	100		
185	14.0	10.9	16.3
183	11.5	9.3	13.9

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#78

Pyrene

Concen: 48.200 ng

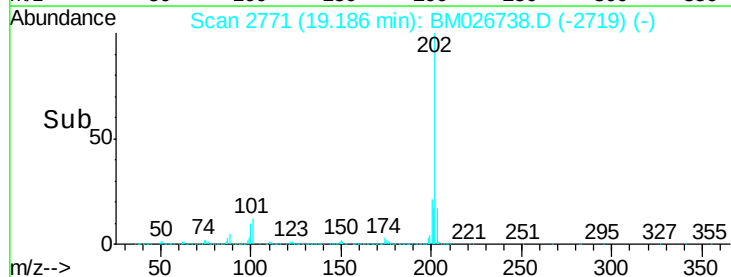
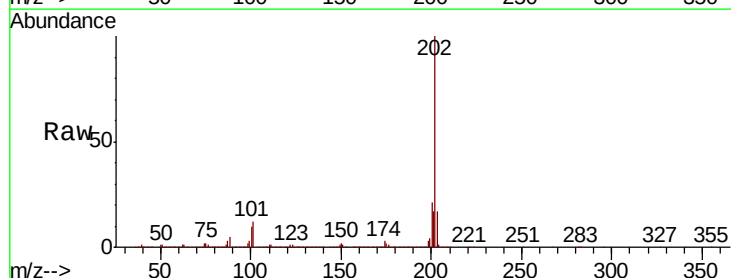
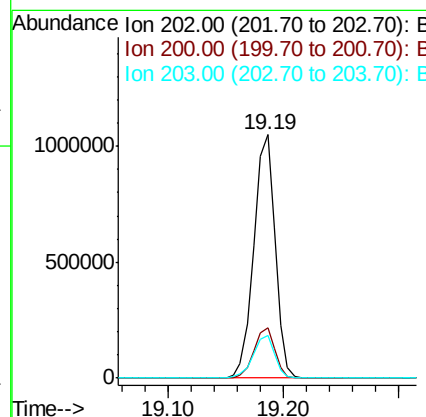
RT: 19.19 min Scan# 2771

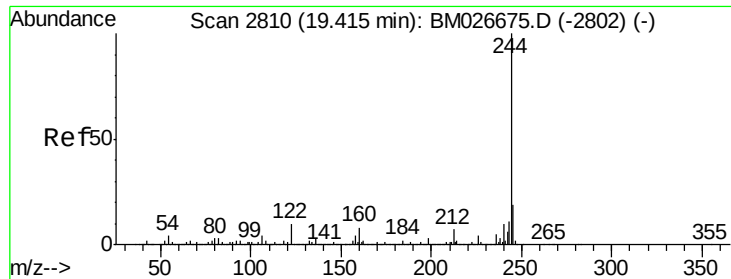
Delta R.T. 0.01 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Tgt Ion:	202	Resp:	1349813
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.4	13.7	20.5





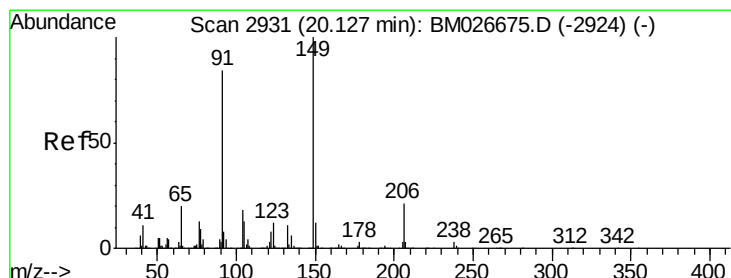
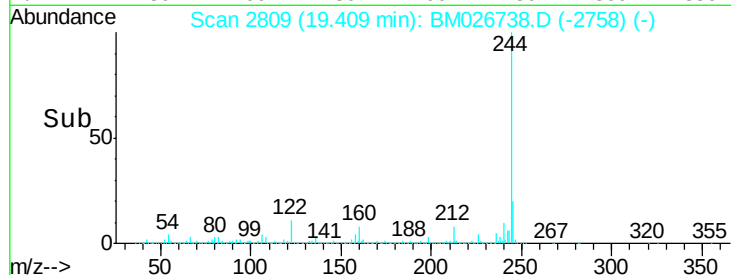
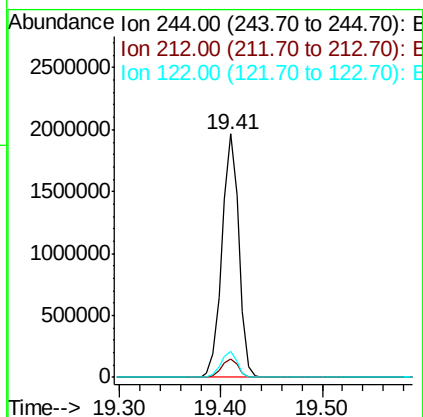
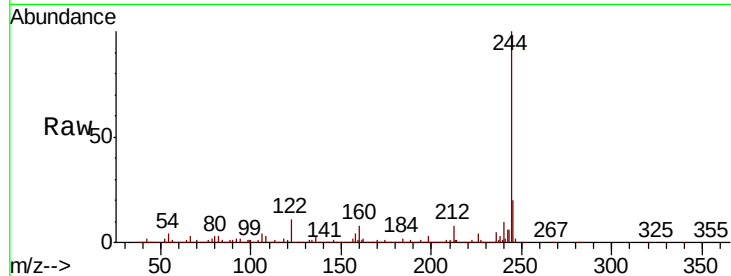
#79
 Terphenyl-d14
 Concen: 99.674 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.5	8.2	12.4

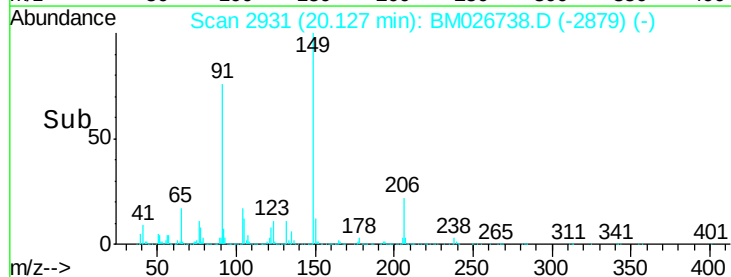
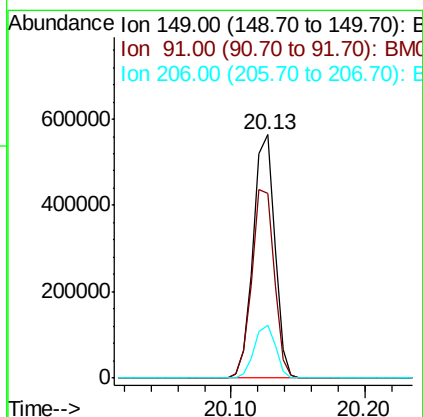
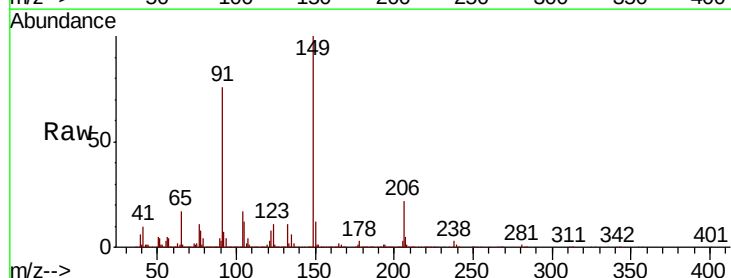
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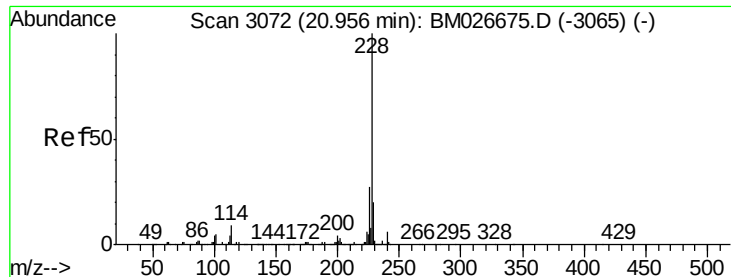
mohammad
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#80
 Butylbenzylphthalate
 Concen: 49.445 ng
 RT: 20.13 min Scan# 2931
 Delta R.T. 0.01 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	67.6	101.4
206	21.9	16.7	25.1





#81

Benzo(a)anthracene

Concen: 46.308 ng

RT: 20.95 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

ClientSampleId :

OK-02-070720MS

Tot Ion:228 Resp: 1382838

Ion Ratio Lower Upper

228 100

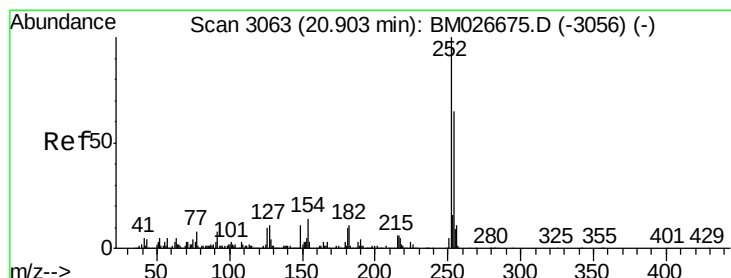
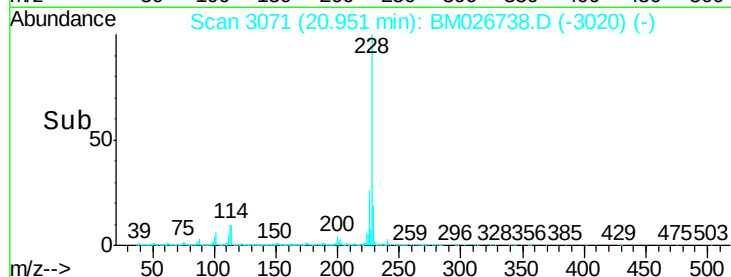
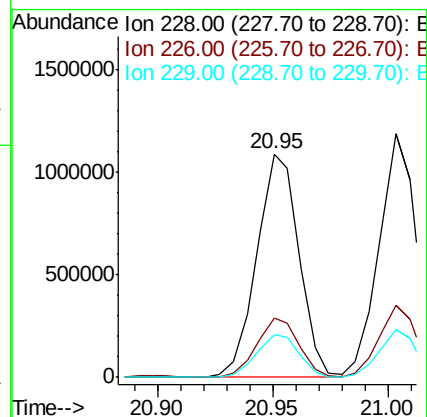
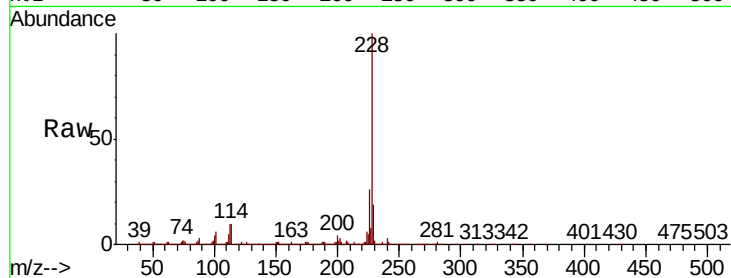
226 26.5 21.4 32.2

229 19.3 15.6 23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 52.040 ng

RT: 20.90 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

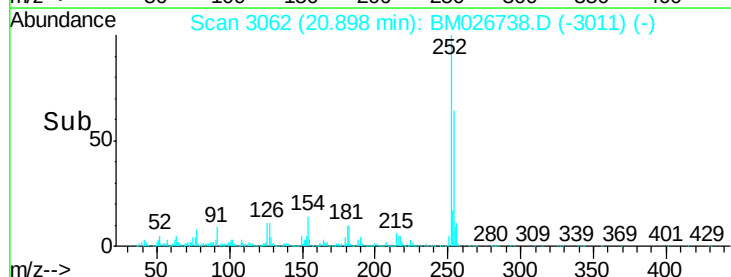
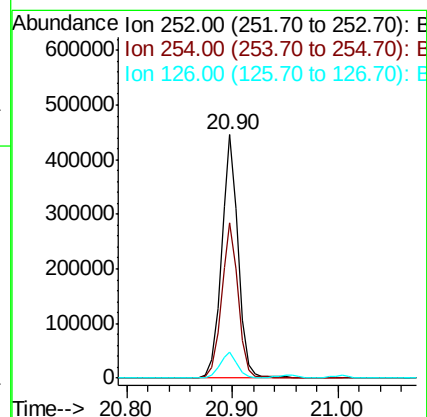
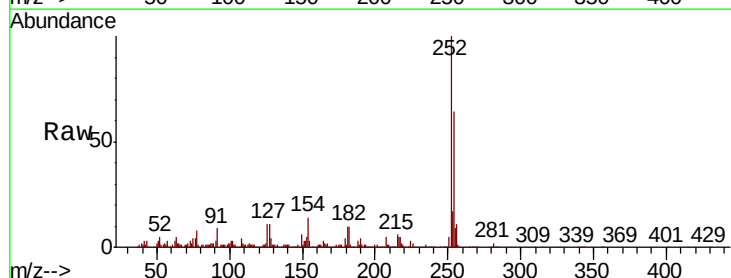
Tgt Ion:252 Resp: 493222

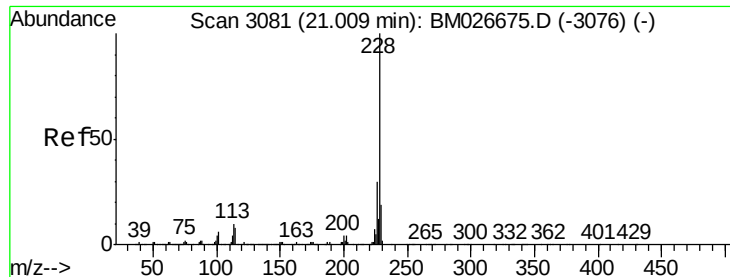
Ion Ratio Lower Upper

252 100

254 63.9 51.9 77.9

126 10.7 8.2 12.2





#83

Chrysene

Concen: 45.891 ng

RT: 21.00 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

Instrument :

BNA_M

ClientSampleId :

OK-02-070720MS

Tot Ion:228 Resp: 1333802

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

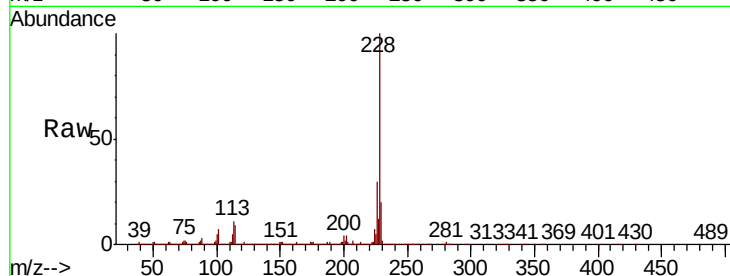
229 19.7 15.4 23.0

Manual Integrations

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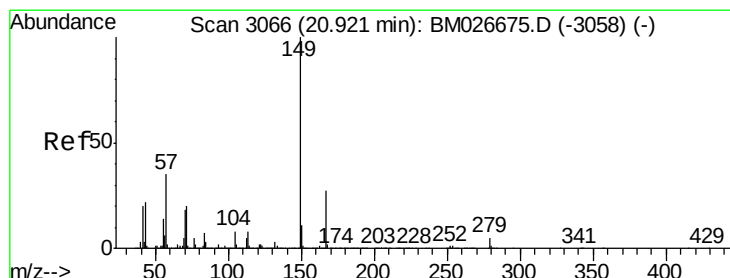
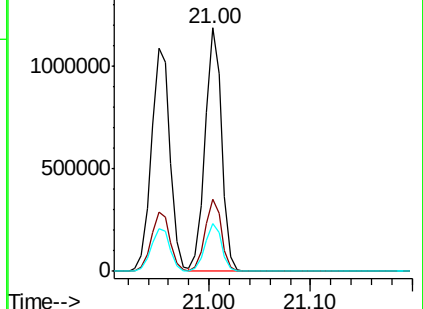
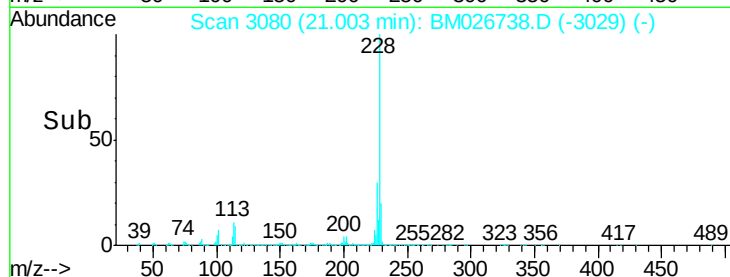
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.076 ng

RT: 20.92 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BM026738.D

Acq: 10 Jul 2020 17:38

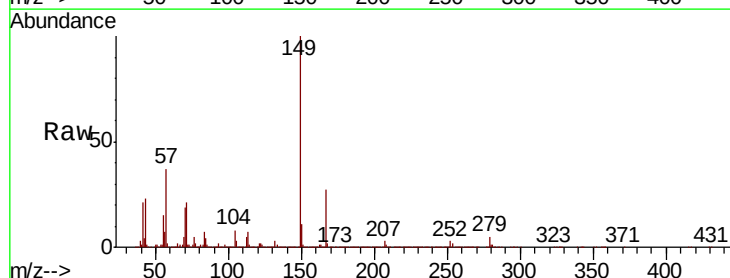
Tgt Ion:149 Resp: 967901

Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

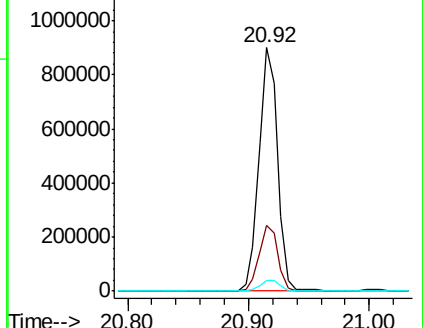
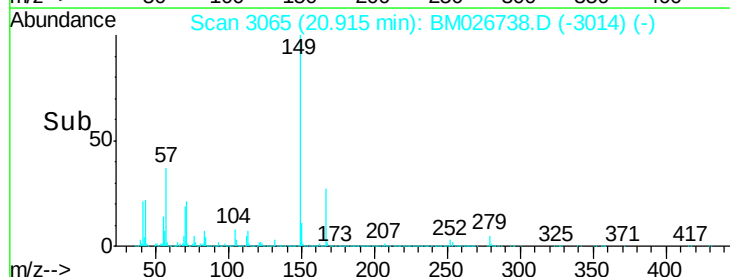
279 4.6 3.7 5.5

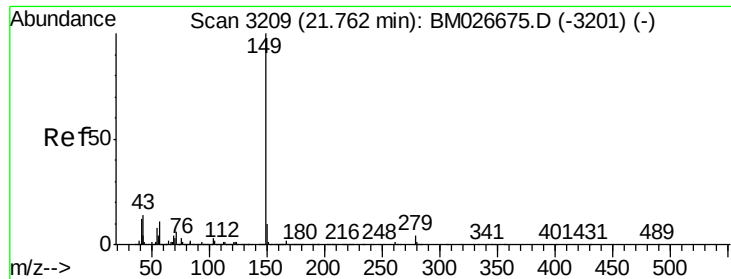


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





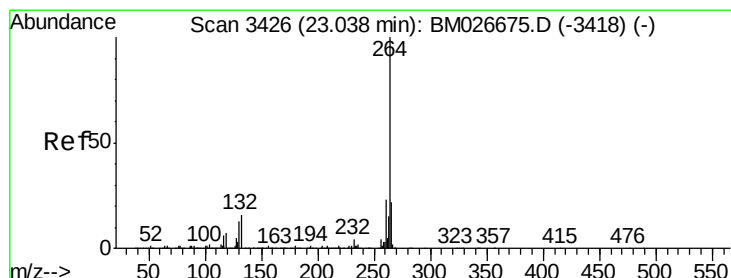
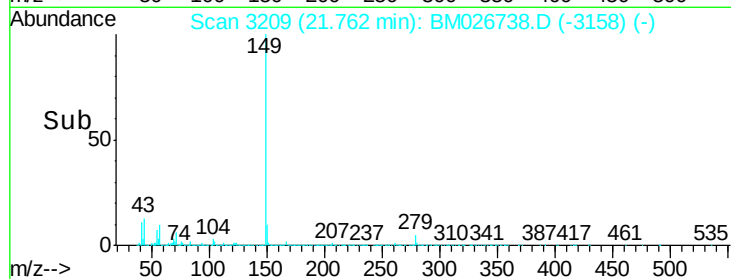
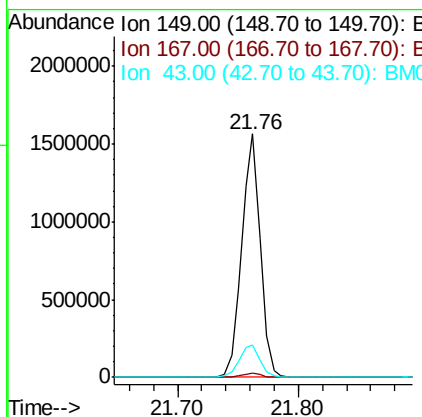
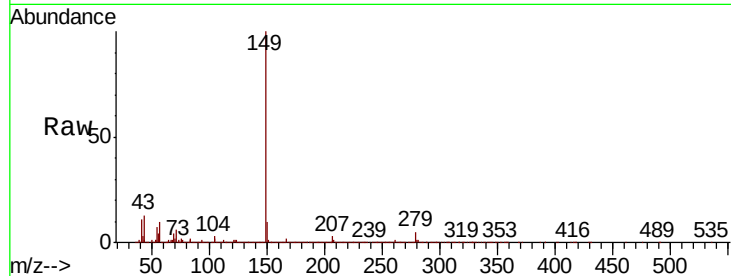
#85
Di-n-octyl phthalate
Concen: 48.429 ng
RT: 21.76 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.9	11.2	16.8

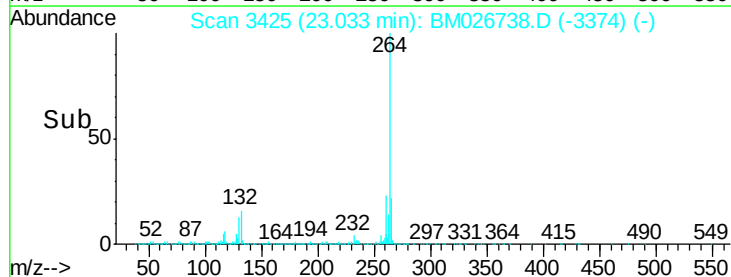
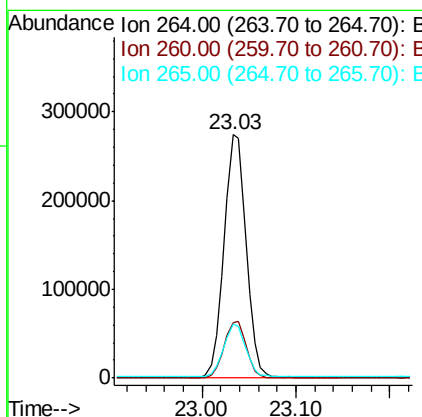
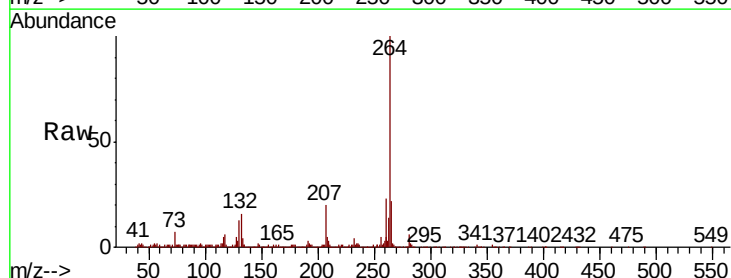
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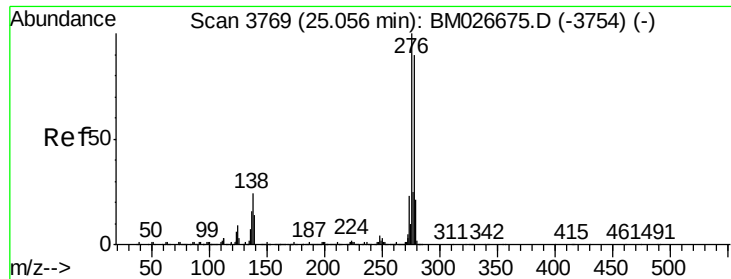
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	22.3	17.6	26.4





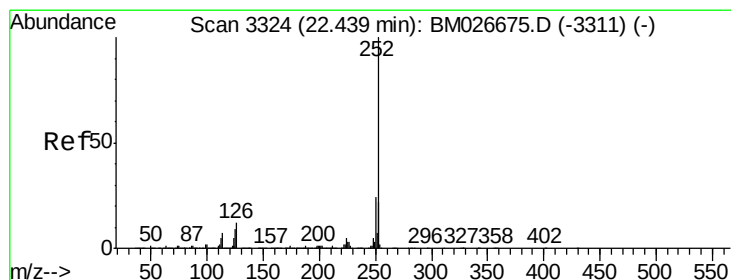
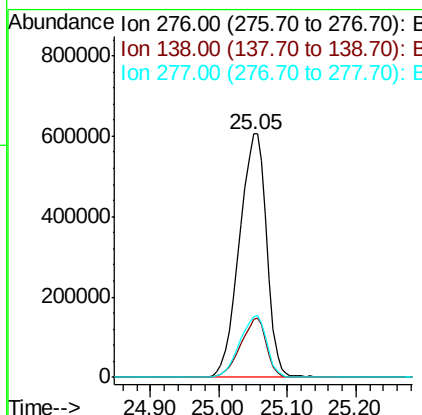
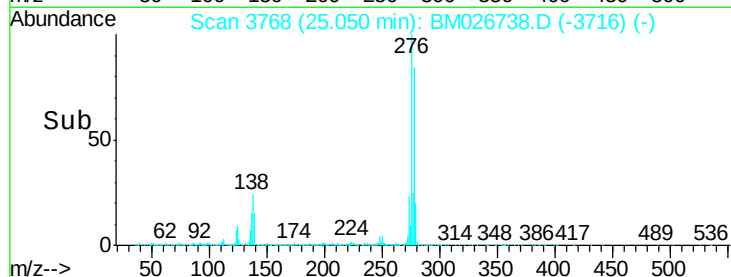
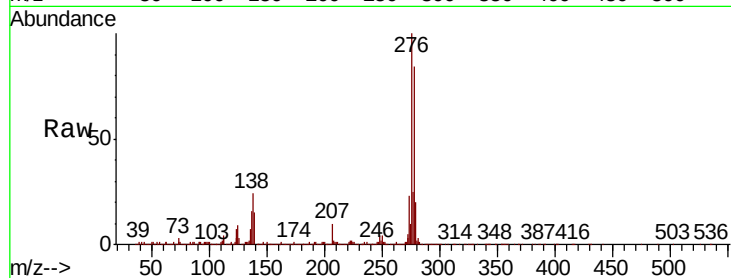
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.132 ng
 RT: 25.05 min Scan# 3768
 Delta R.T. 0.01 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720MS

Tot Ion:276 Resp: 1675687
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.4 27.6
 277 25.2 20.0 30.0

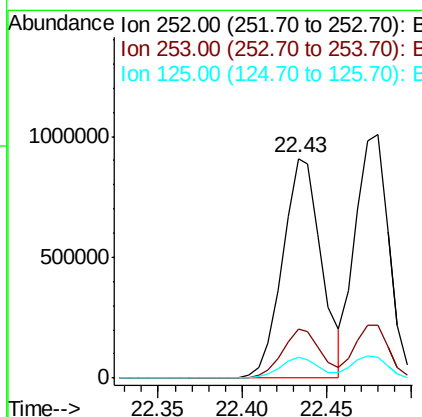
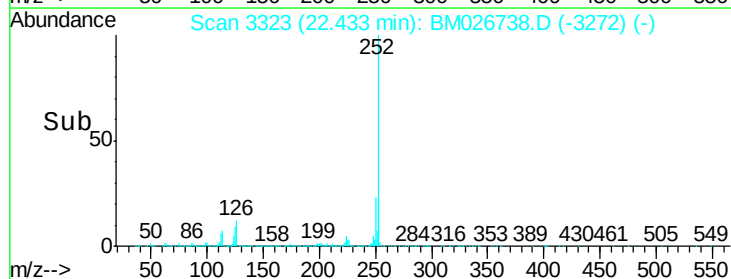
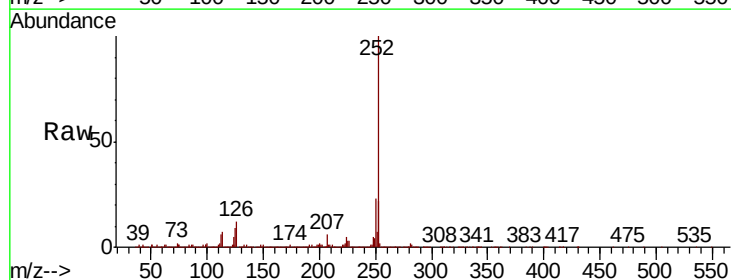
Manual Integrations
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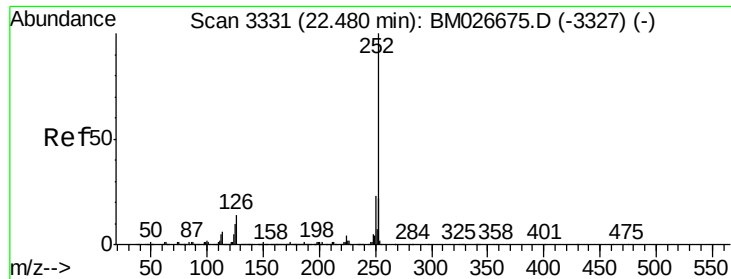
mohammad
 7/13/2020 1:03:11 PM



#88
 Benzo(b)fluoranthene
 Concen: 48.787 ng
 RT: 22.43 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: BM026738.D
 Acq: 10 Jul 2020 17:38

Tgt Ion:252 Resp: 1451391
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.4 7.5 11.3





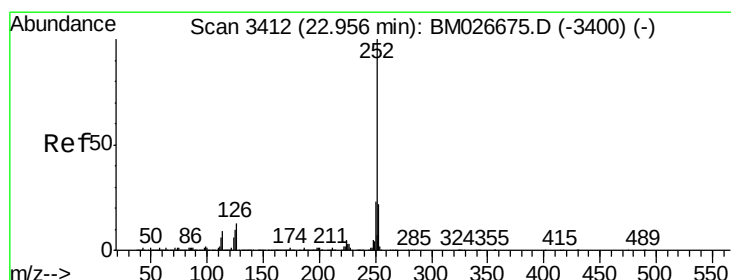
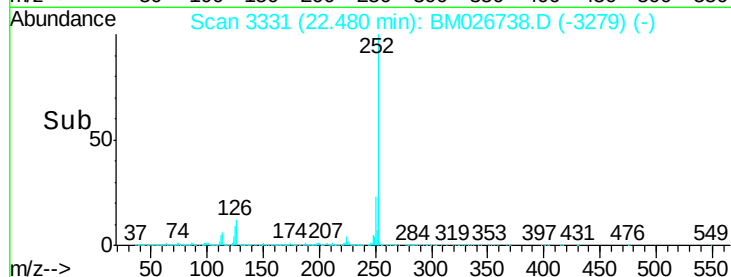
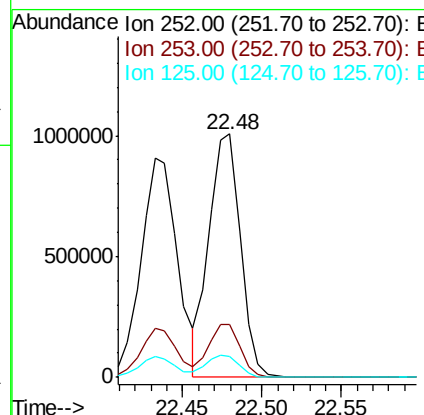
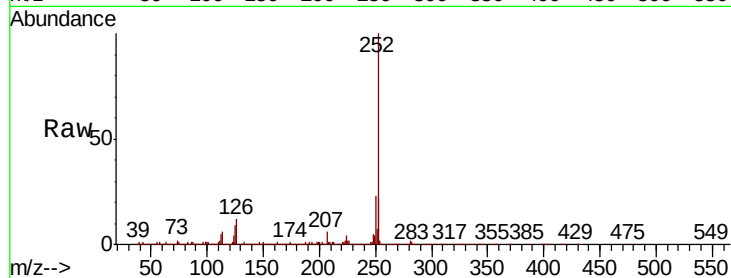
#89
Benzo(k)fluoranthene
Concen: 47.593 ng
RT: 22.48 min Scan# 3331
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.7	7.8	11.8

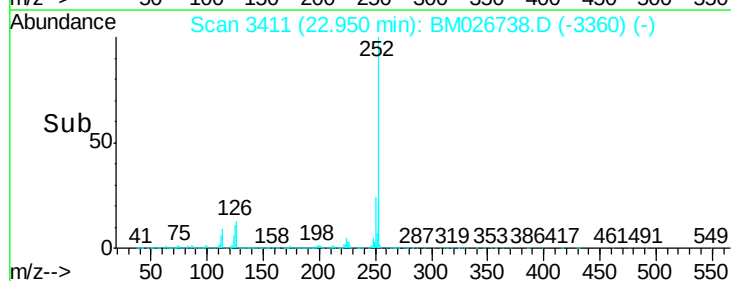
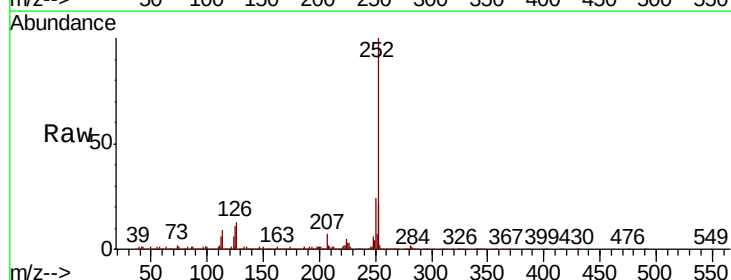
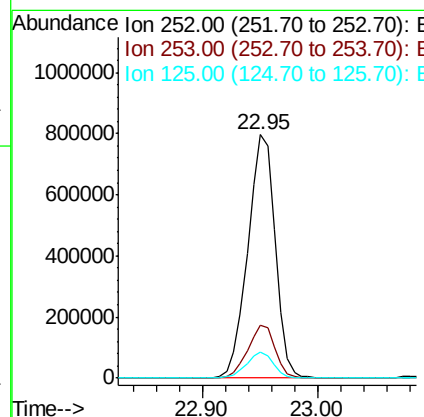
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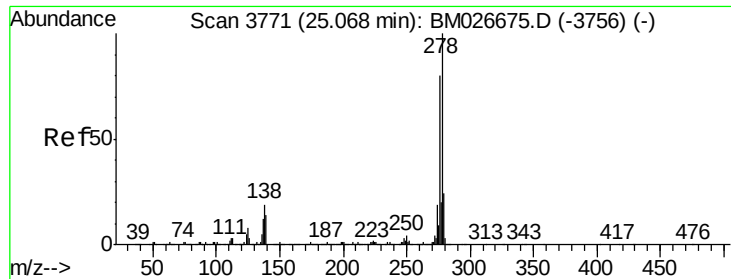
mohammad
7/13/2020 1:03:11 PM



#90
Benzo(a)pyrene
Concen: 47.441 ng
RT: 22.95 min Scan# 3411
Delta R.T. 0.00 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.8	8.2	12.4





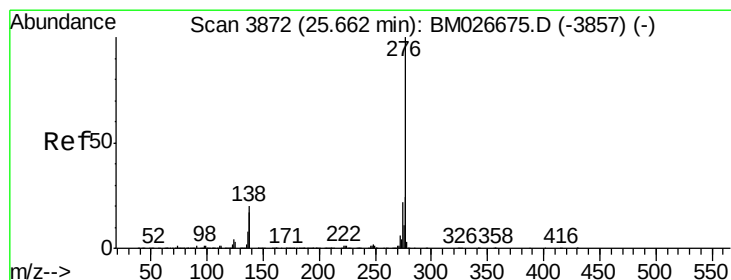
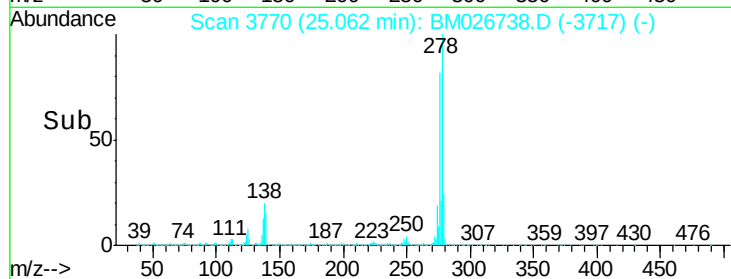
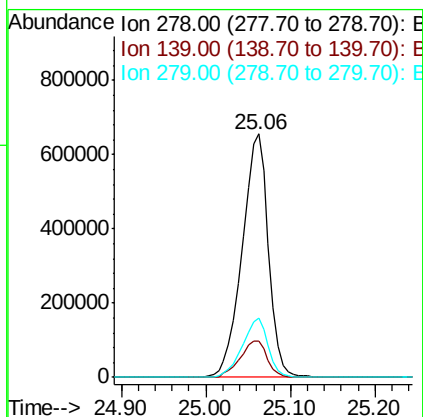
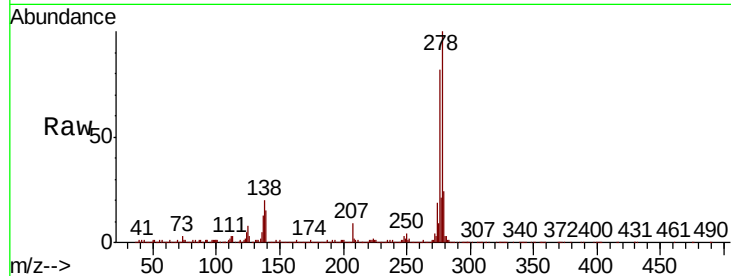
#91
Dibenzo(a,h)anthracene
Concen: 52.066 ng
RT: 25.06 min Scan# 3770
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.2	16.8
279	24.3	19.0	28.4

Manual Integrations
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7/13/2020 1:03:11 PM



#92
Benzo(g,h,i)perylene
Concen: 54.300 ng
RT: 25.66 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BM026738.D
Acq: 10 Jul 2020 17:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	19.1	15.8	23.8

