

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072622\
 Data File : BM035937.D
 Acq On : 26 Jul 2022 21:59
 Operator : CG/JU
 Sample : N3795-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 23:42:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 25 14:55:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	339838	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	1574155	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	985535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	2036981	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	2025025	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1948689	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	43170	4.780	ng/uL	0.00
4) Pyridine-d5	3.699	84	389655	15.749	ng/u1	0.00
7) Phenol-d5	7.046	99	870500	30.545	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	546978	28.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	706006	29.846	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	668726	28.965	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	361734	29.000	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	364463	29.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	705297	32.088	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	939912	25.260	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	2231561	33.241	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	2735363	31.935	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	399426	28.974	ng/u1	0.00
60) Fluorene-d10	15.510	176	1938173	31.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	307041	28.042	ng/u1	0.00
73) Anthracene-d10	17.357	188	2923861	31.749	ng/u1	0.00
81) Pyrene-d10	19.645	212	3529169	31.446	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	3291551	33.271	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	110114	11.765	ng/uL	94
5) Pyridine	3.716	79	562810	21.677	ng/u1	88
6) Benzaldehyde	7.022	77	698886	58.430	ng/u1	94
8) Phenol	7.075	94	1087722	34.877	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.310	93	874578	34.881	ng/u1	97
12) 2-Chlorophenol	7.446	128	861971	35.521	ng/u1	100
13) 2-Methylphenol	8.334	108	794190	34.087	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.422	45	1161672	35.101	ng/u1	97
16) Acetophenone	8.716	105	1361036	36.718	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	707867	38.294	ng/u1	94
18) 4-Methylphenol	8.663	108	889125	35.573	ng/u1	95
19) Hexachloroethane	8.969	117	349002	34.858	ng/u1	90
22) Nitrobenzene	9.092	77	979202	34.304	ng/u1	99
23) Isophorone	9.622	82	1983386	36.809	ng/u1	98
25) 2-Nitrophenol	9.804	139	478740	35.508	ng/u1	99
26) 2,4-Dimethylphenol	9.869	107	592560	21.509	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	1216319	35.791	ng/u1	100
29) 2,4-Dichlorophenol	10.339	162	815890	35.764	ng/u1	99
30) Naphthalene	10.739	128	2884776	34.719	ng/u1	99
32) 4-Chloroaniline	10.857	127	1177098	31.845	ng/u1	98
33) Hexachlorobutadiene	11.022	225	482950	34.292	ng/u1	99
34) Caprolactam	11.639	113	188201	24.962	ng/u1	90
35) 4-Chloro-3-methylphenol	11.981	107	904863	38.145	ng/u1	95
36) 2-Methylnaphthalene	12.351	142	1980137	36.426	ng/u1	100

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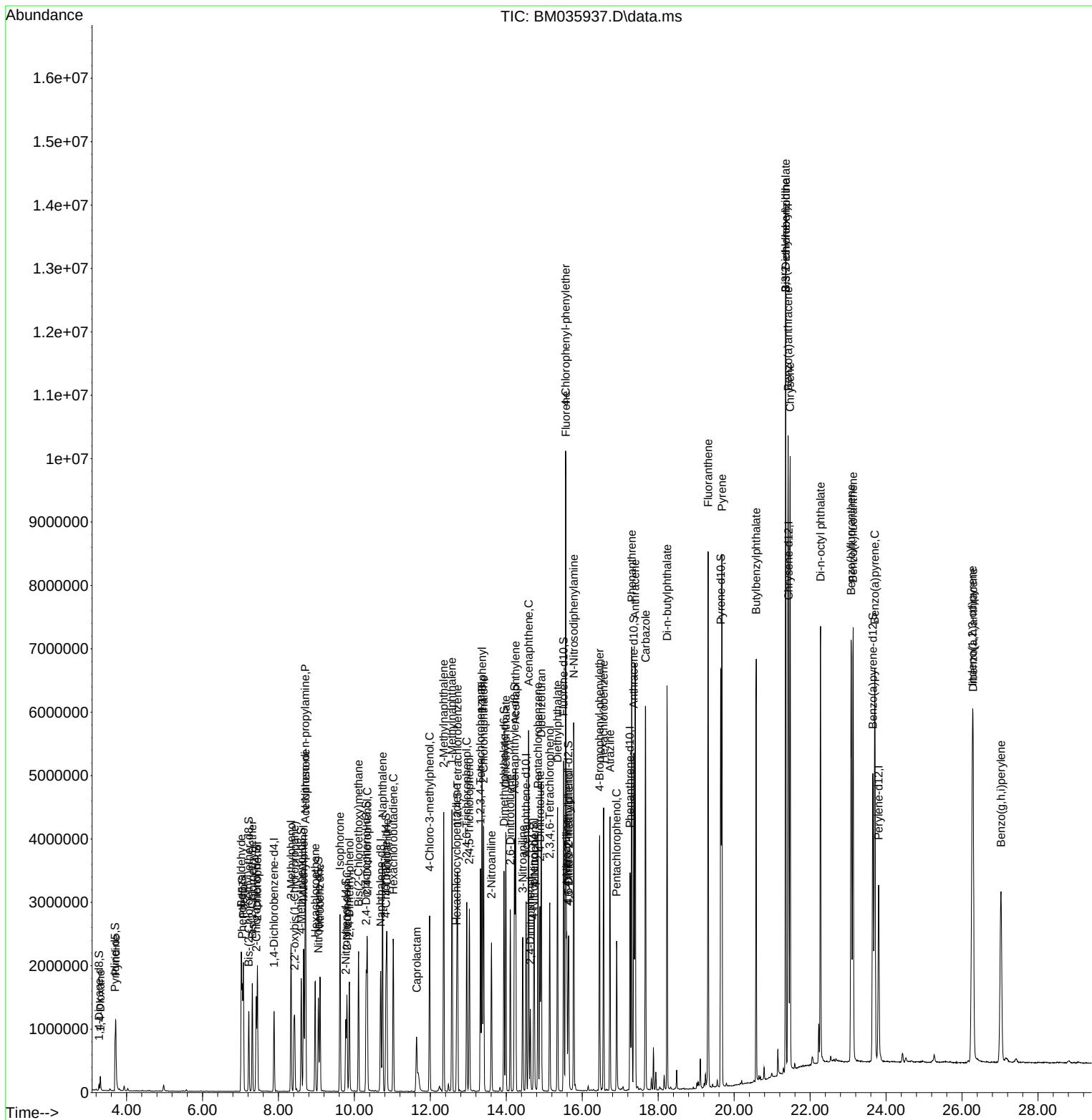
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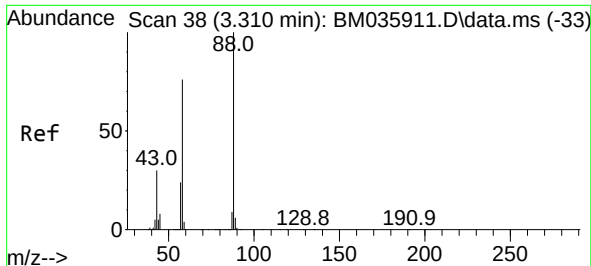
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 QLast Update : Mon Jul 25 14:55:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1997500	36.455	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	953803	33.999	ng/ul	98
40) Hexachlorocyclopentadiene	12.692	237	410338	21.962	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	649549	36.181	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	686490	35.836	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	2629169	34.660	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	2025694	34.796	ng/ul	98
45) 2-Nitroaniline	13.610	65	611952	38.129	ng/ul	99
47) Dimethylphthalate	13.986	163	2512074	37.201	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	524520	39.124	ng/ul	94
50) Acenaphthylene	14.245	152	3370832	35.575	ng/ul	100
51) 3-Nitroaniline	14.433	138	607225	40.983	ng/ul	95
52) Acenaphthene	14.586	153	2186827	35.575	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	247657	32.535	ng/ul	98
55) 4-Nitrophenol	14.739	109	368780	34.977	ng/ul	85
56) Dibenzofuran	14.922	168	3052031	35.884	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	752265	39.807	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	555590	36.914	ng/ul	96
59) Diethylphthalate	15.351	149	2609687	38.208	ng/ul	99
61) Fluorene	15.569	166	2537601	36.523	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	1207760	36.281	ng/ul	98
63) 4-Nitroaniline	15.592	138	647775	47.490	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	369108	33.689	ng/ul#	97
67) N-Nitrosodiphenylamine	15.774	169	2114291	35.306	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	732016	36.657	ng/ul	99
69) Hexachlorobenzene	16.563	284	884216	36.340	ng/ul	98
70) Atrazine	16.733	200	751573	36.184	ng/ul	99
71) Pentachlorophenol	16.904	266	391956	26.369	ng/ul	98
72) Phenanthrene	17.304	178	3963914	36.307	ng/ul	98
74) Anthracene	17.392	178	3897039	35.573	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.322	216	973315	30.726	ng/uL	98
76) Pentachlorobenzene	14.833	250	993470	34.598	ng/uL	99
77) Carbazole	17.668	167	3764300	37.203	ng/ul	99
78) Di-n-butylphthalate	18.233	149	4598266	40.279	ng/ul	99
80) Fluoranthene	19.315	202	4726009	35.245	ng/ul	98
82) Pyrene	19.680	202	4819928	34.874	ng/ul	96
83) Butylbenzylphthalate	20.580	149	1948094	38.754	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	1410613	37.749	ng/ul	98
85) Benzo(a)anthracene	21.421	228	4692665	36.817	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.356	149	2926680	40.294	ng/ul	100
87) Chrysene	21.474	228	4583561	36.856	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	4673463	37.138	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	4728804	36.361	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	4691442	38.015	ng/ul	97
93) Benzo(a)pyrene	23.703	252	4583930	37.005	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	4770922	36.133	ng/ul	94
95) Dibenzo(a,h)anthracene	26.291	278	4116868	36.343	ng/ul	96
96) Benzo(g,h,i)perylene	27.027	276	3462710	31.647	ng/ul	95

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

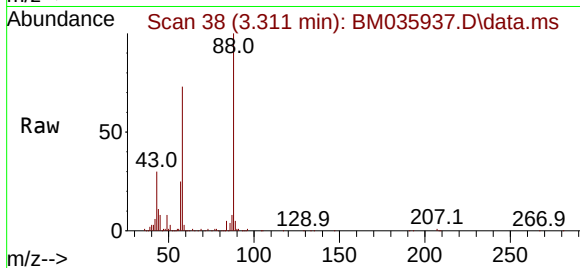
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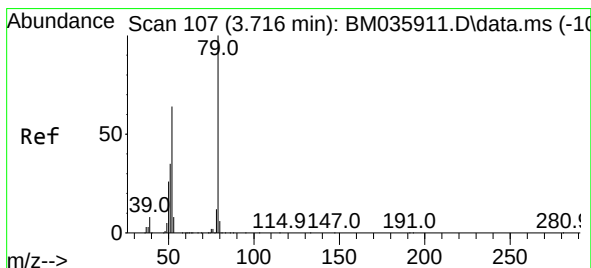
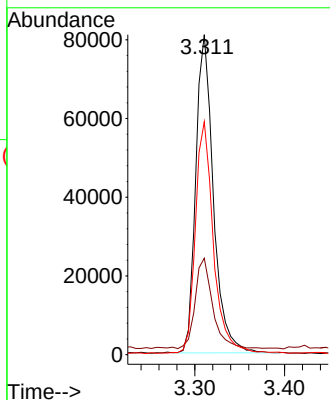
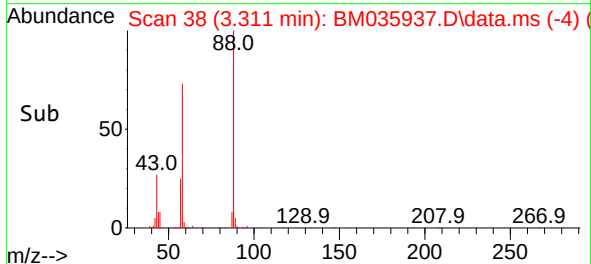


#2
1,4-Dioxane
Concen: 11.765 ng/uL
RT: 3.311 min Scan# 38
Delta R.T. 0.001 min
Lab File: BM035937.D
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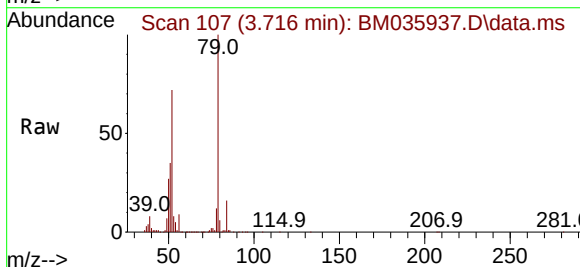
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BNA_M
ClientSampleId :



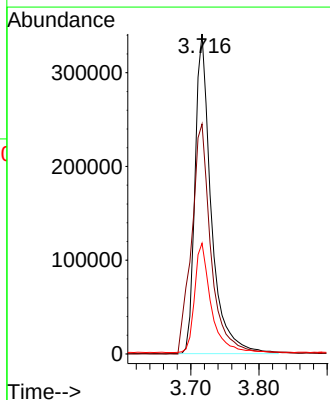
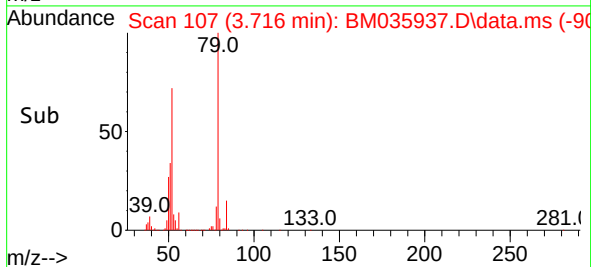
Tgt Ion: 88 Resp: 110114
Ion Ratio Lower Upper
88 100
43 30.2 27.8 41.8
58 72.8 61.8 92.8

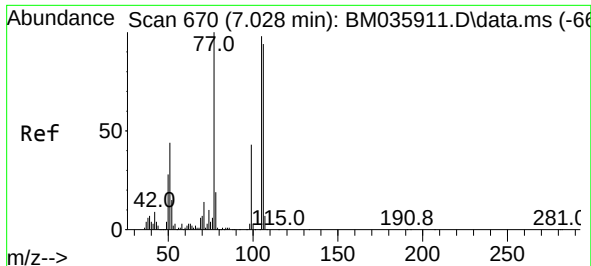


#5
Pyridine
Concen: 21.677 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59



Tgt Ion: 79 Resp: 562810
Ion Ratio Lower Upper
79 100
52 71.8 67.8 101.6
51 34.6 31.4 47.0

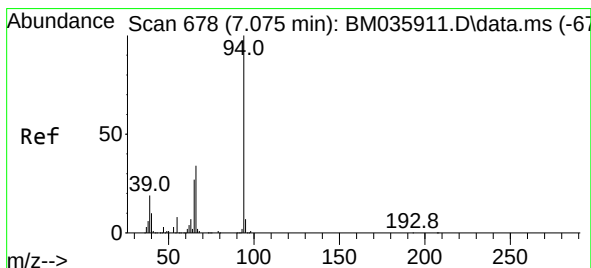
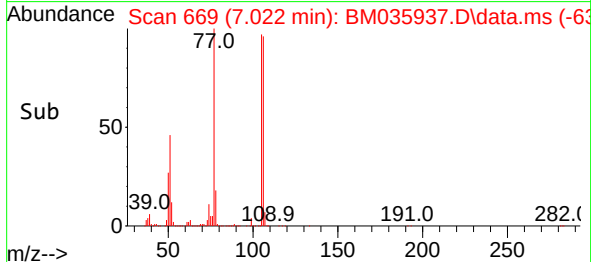
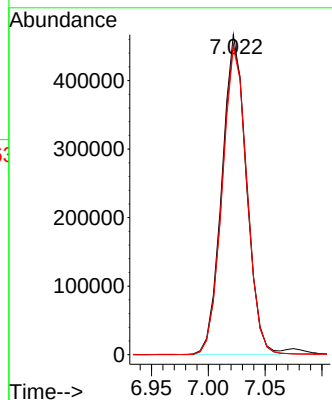
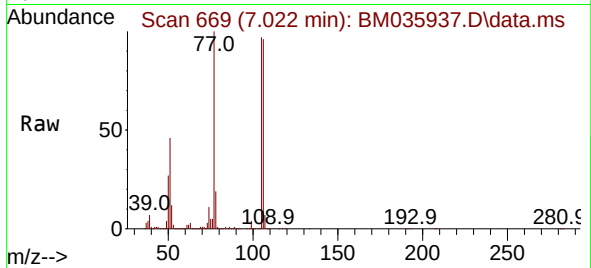




#6
Benzaldehyde
Concen: 58.430 ng/ul
RT: 7.022 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

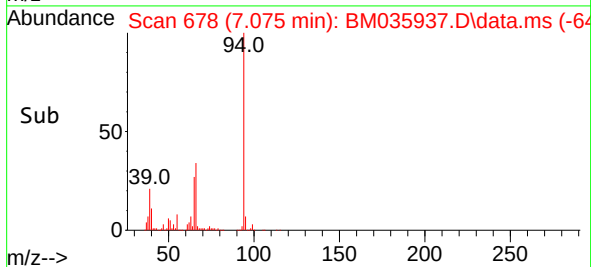
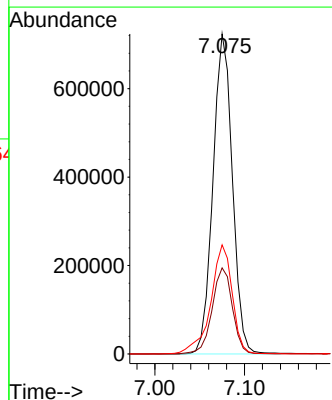
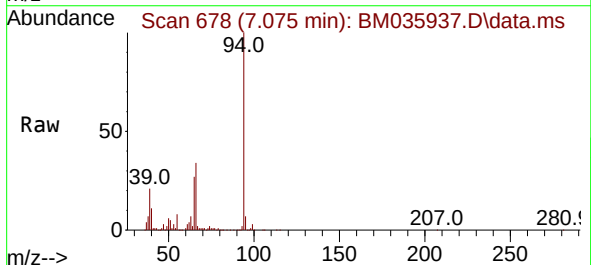
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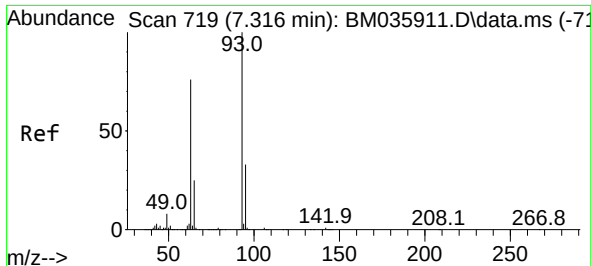
Tgt Ion: 77 Resp: 698886
Ion Ratio Lower Upper
77 100
105 97.1 84.6 127.0
106 96.1 80.3 120.5



#8
Phenol
Concen: 34.877 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion: 94 Resp: 1087722
Ion Ratio Lower Upper
94 100
65 26.9 21.3 31.9
66 34.1 27.4 41.0

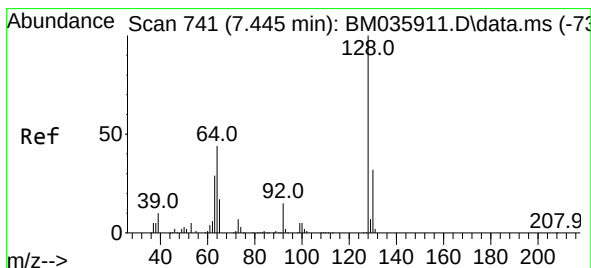
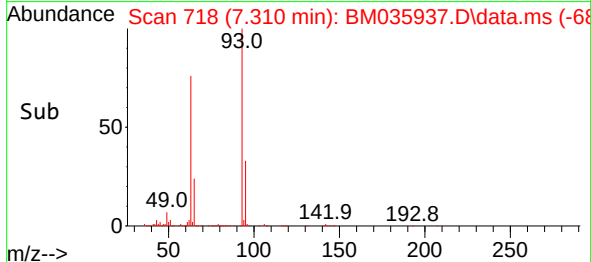
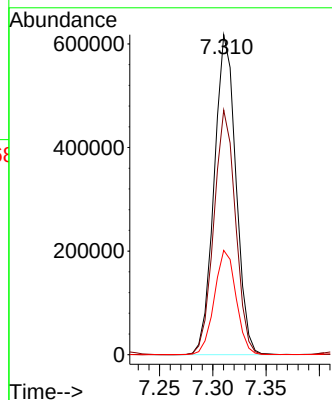
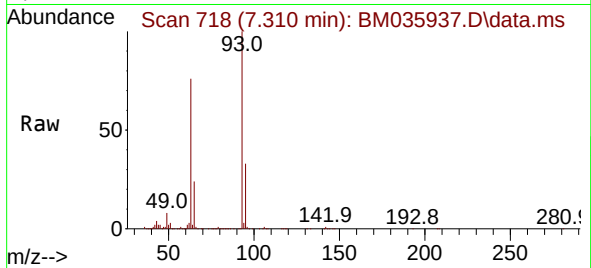




#10
 Bis(2-Chloroethyl)ether
 Concen: 34.881 ng/ul
 RT: 7.310 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

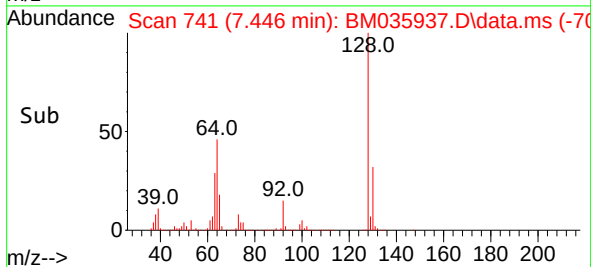
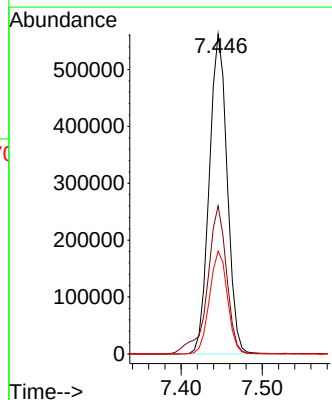
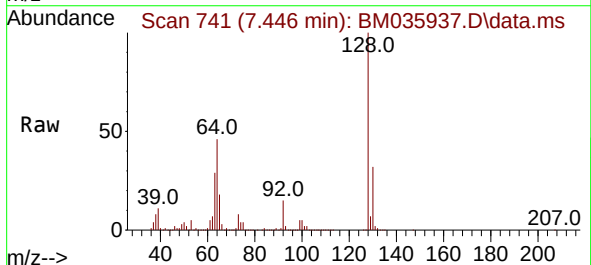
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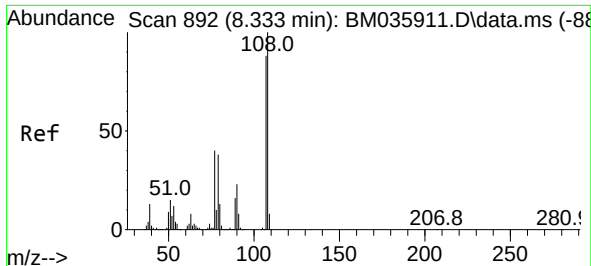
Tgt Ion: 93 Resp: 874578
 Ion Ratio Lower Upper
 93 100
 63 76.5 64.0 96.0
 95 32.6 25.8 38.6



#12
 2-Chlorophenol
 Concen: 35.521 ng/ul
 RT: 7.446 min Scan# 741
 Delta R.T. 0.000 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

Tgt Ion: 128 Resp: 861971
 Ion Ratio Lower Upper
 128 100
 64 46.3 36.9 55.3
 130 32.1 25.6 38.4





#13

2-Methylphenol

Concen: 34.087 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. 0.000 min

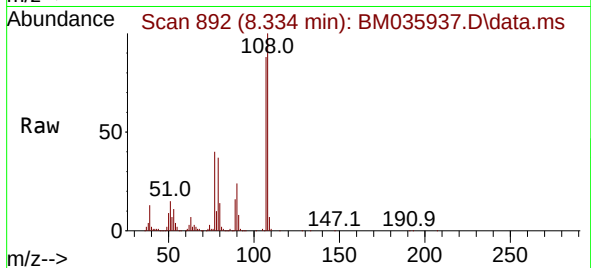
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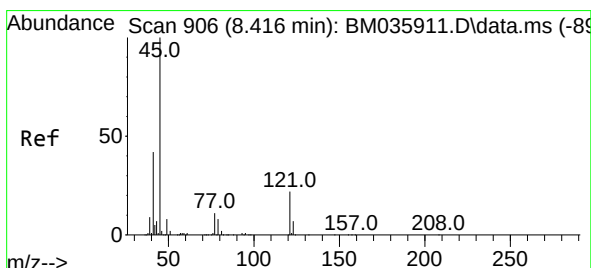
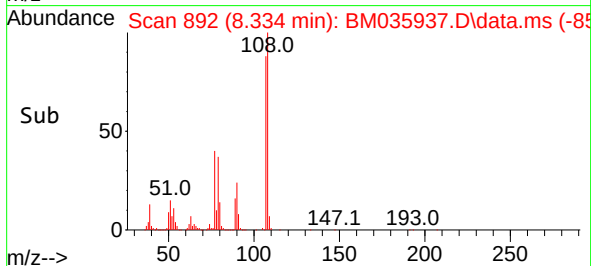
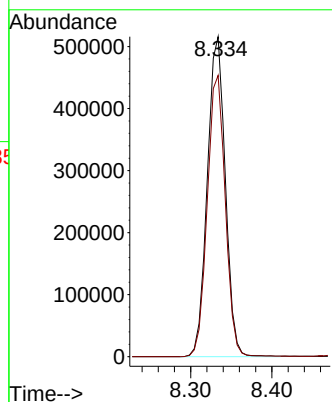


Tgt Ion:108 Resp: 794190

Ion Ratio Lower Upper

108 100

107 87.9 75.0 112.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.101 ng/ul

RT: 8.422 min Scan# 907

Delta R.T. 0.006 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

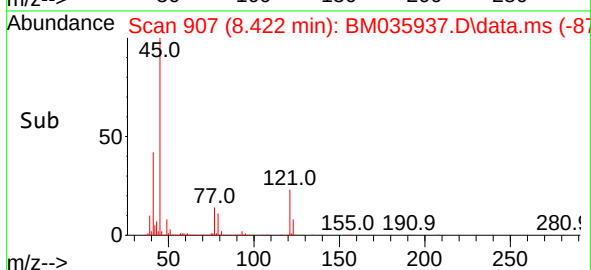
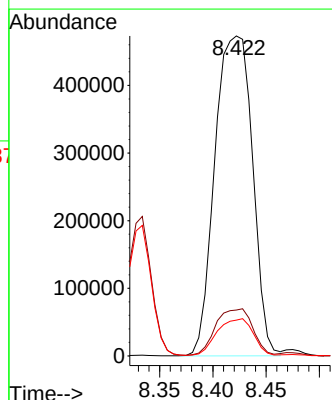
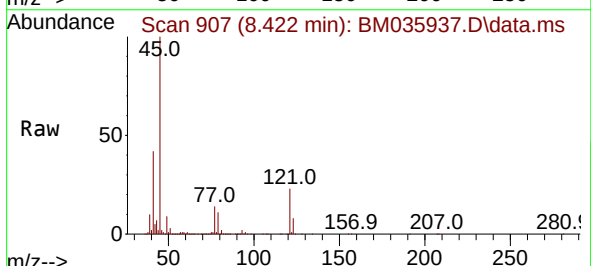
Tgt Ion: 45 Resp: 1161672

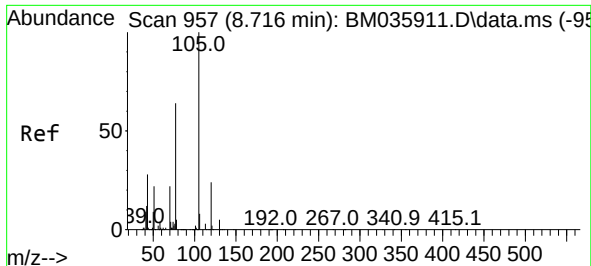
Ion Ratio Lower Upper

45 100

77 14.4 10.6 15.8

79 11.2 8.3 12.5

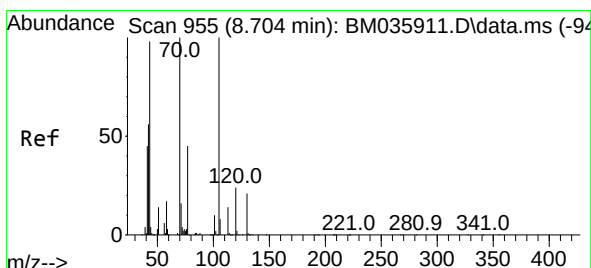
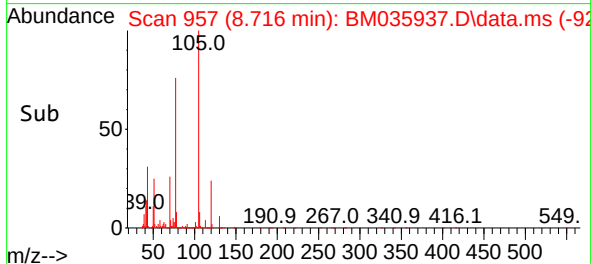
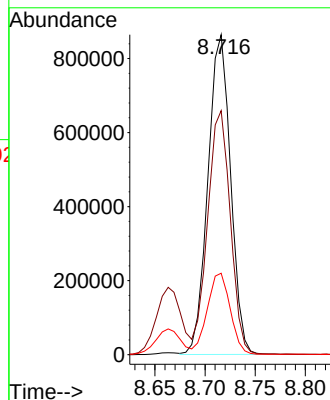
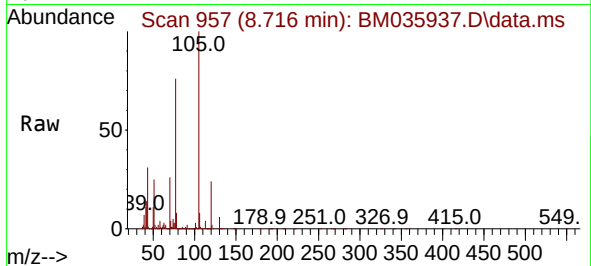




#16
Acetophenone
Concen: 36.718 ng/ul
RT: 8.716 min Scan# 916
Delta R.T. 0.000 min
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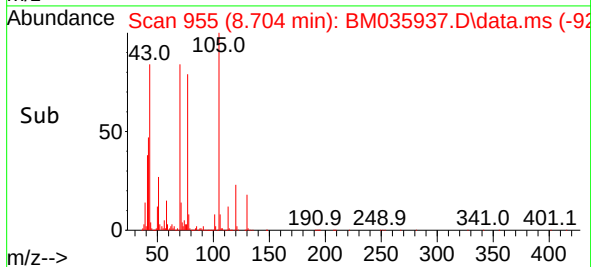
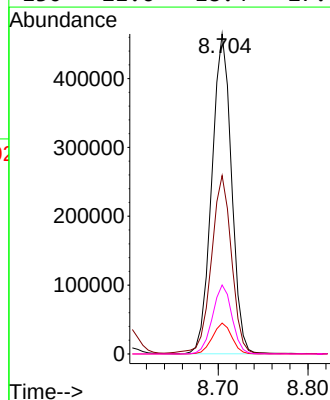
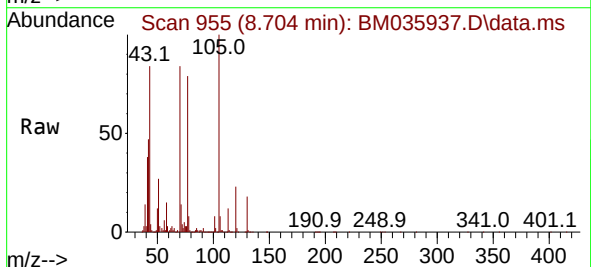
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BNA_M
ClientSampleId :

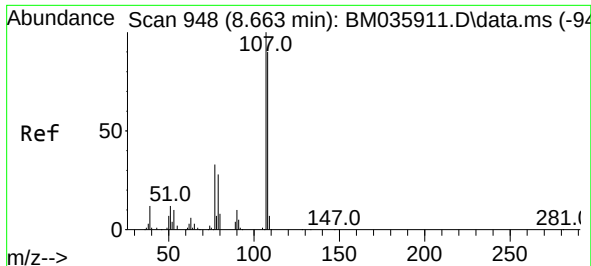
Tgt Ion:105 Resp: 1361036
Ion Ratio Lower Upper
105 100
77 76.3 59.8 89.6
51 25.4 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 38.294 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion: 70 Resp: 707867
Ion Ratio Lower Upper
70 100
42 55.7 49.6 74.4
101 9.7 8.1 12.1
130 21.6 18.4 27.6

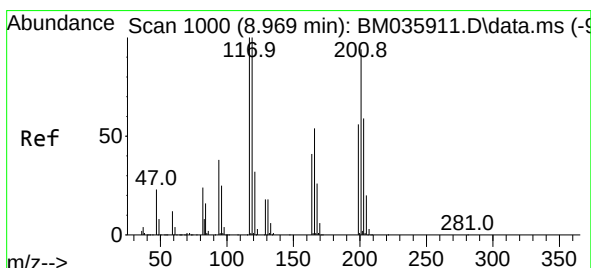
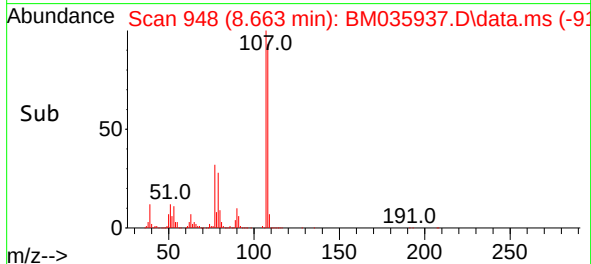
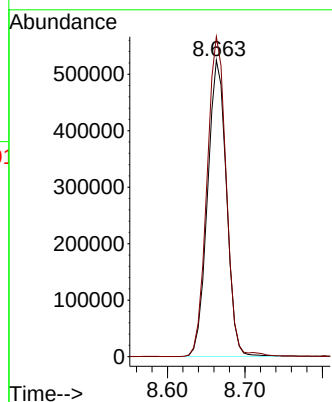
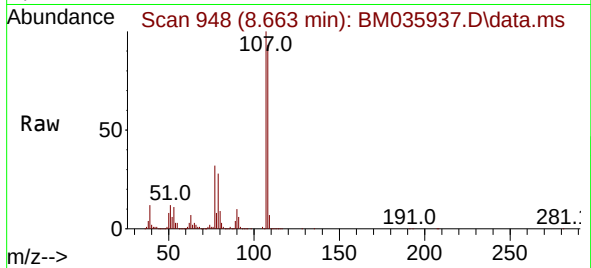




#18
4-Methylphenol
Concen: 35.573 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

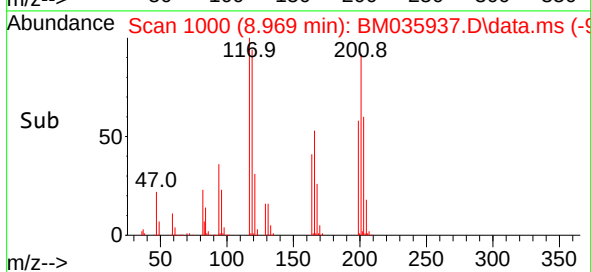
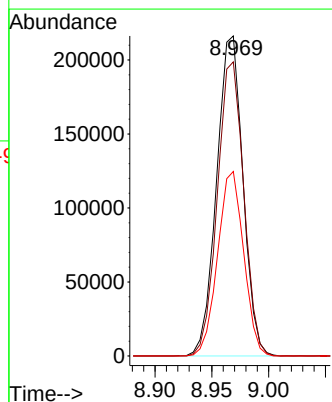
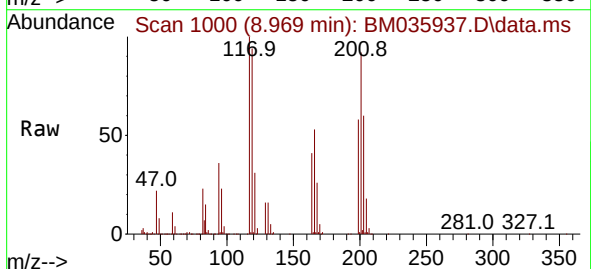
Instrument :
BNA_M
ClientSampleId :

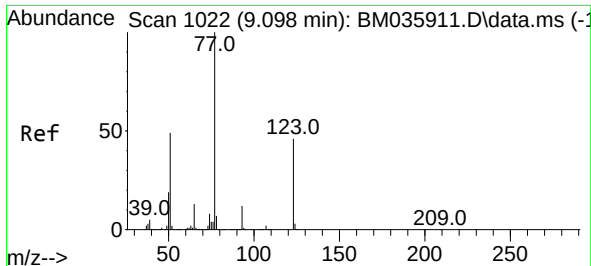
Tgt Ion:108 Resp: 889125
Ion Ratio Lower Upper
108 100
107 108.0 90.3 135.5



#19
Hexachloroethane
Concen: 34.858 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:117 Resp: 349002
Ion Ratio Lower Upper
117 100
201 91.9 81.8 122.6
199 57.6 51.6 77.4

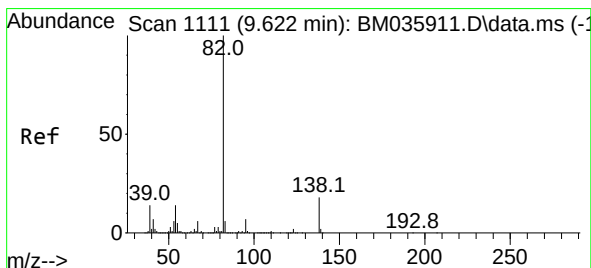
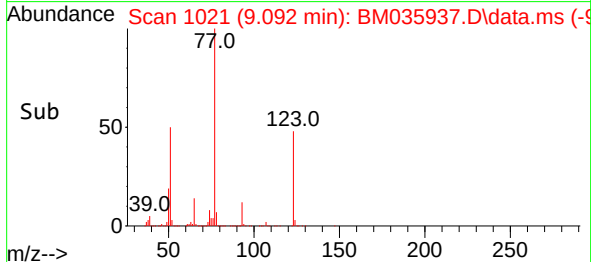
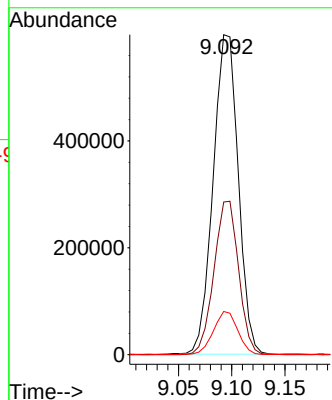
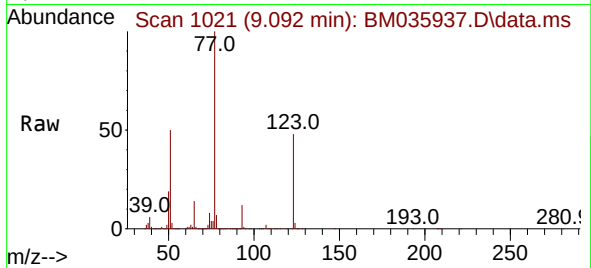




#22
Nitrobenzene
Concen: 34.304 ng/ul
RT: 9.092 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

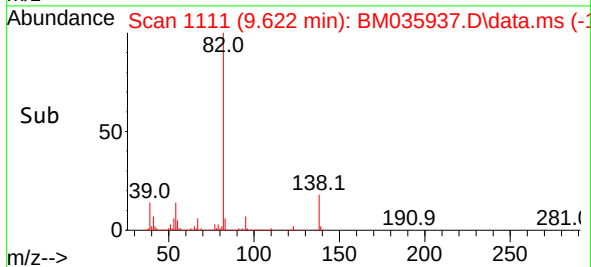
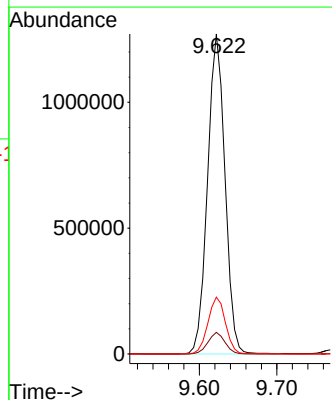
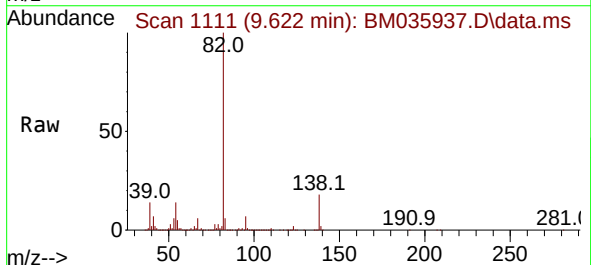
Instrument :
BNA_M
ClientSampleId :

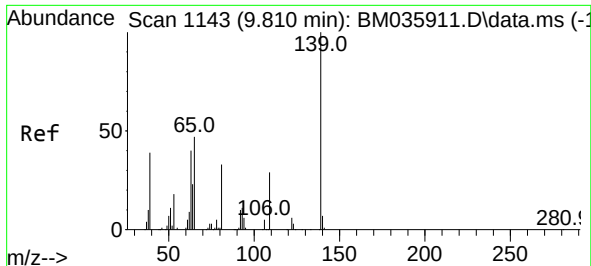
Tgt Ion: 77 Resp: 979202
Ion Ratio Lower Upper
77 100
123 47.7 37.4 56.0
65 13.5 10.8 16.2



#23
Isophorone
Concen: 36.809 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion: 82 Resp: 1983386
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 15.3 22.9

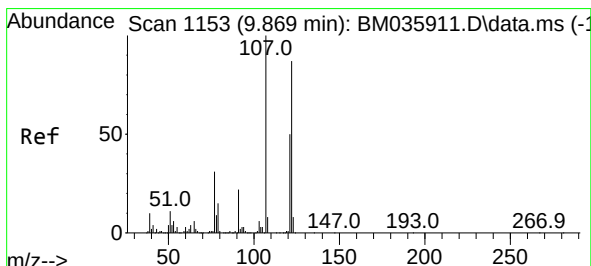
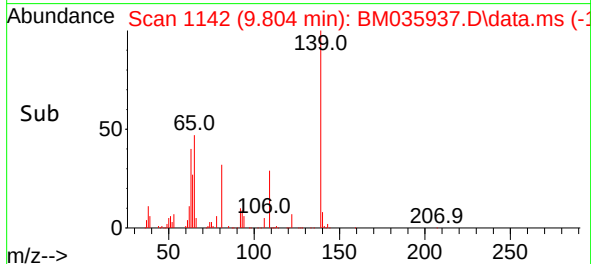
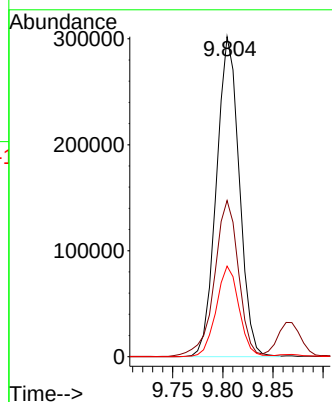
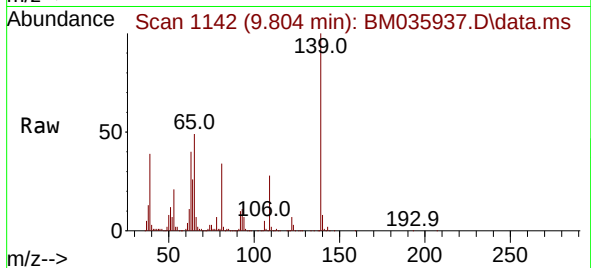




#25
2-Nitrophenol
Concen: 35.508 ng/ul
RT: 9.804 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

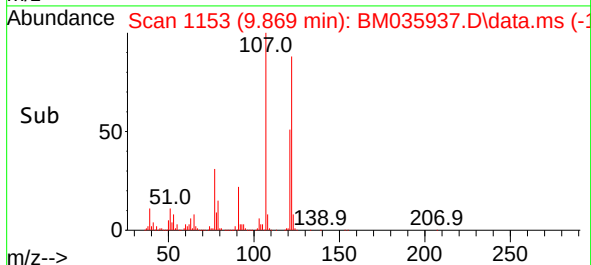
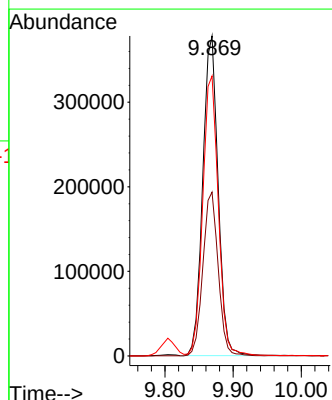
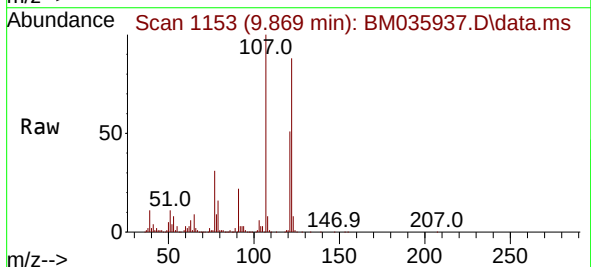
Instrument :
BNA_M
ClientSampleId :

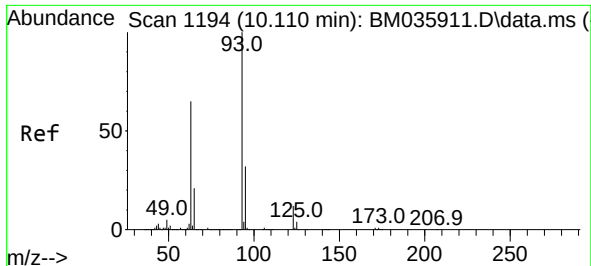
Tgt Ion:139 Resp: 478740
Ion Ratio Lower Upper
139 100
65 48.8 39.8 59.6
109 28.3 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 21.509 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:107 Resp: 592560
Ion Ratio Lower Upper
107 100
121 51.2 42.7 64.1
122 87.5 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 35.791 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

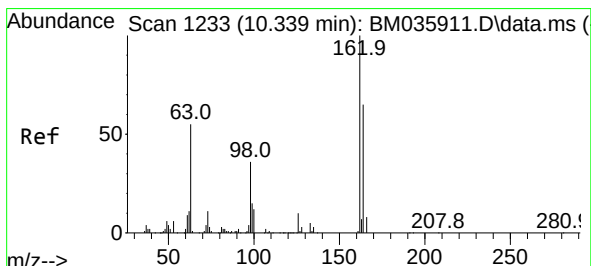
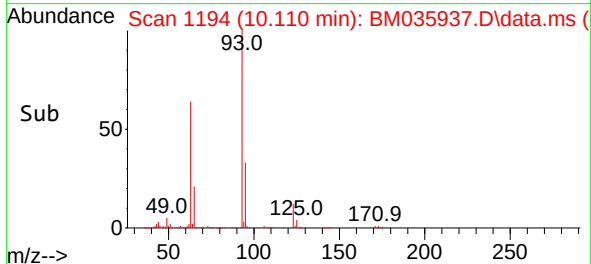
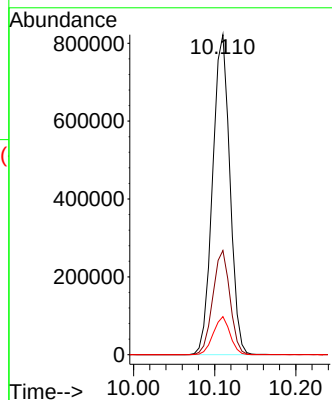
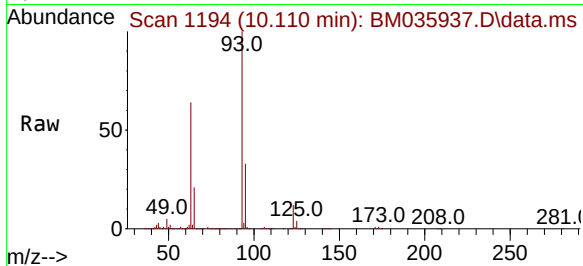
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 93 Resp: 1216319

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.4	14.0



#29

2,4-Dichlorophenol

Concen: 35.764 ng/ul

RT: 10.339 min Scan# 1233

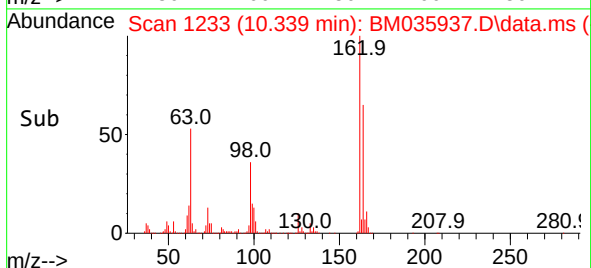
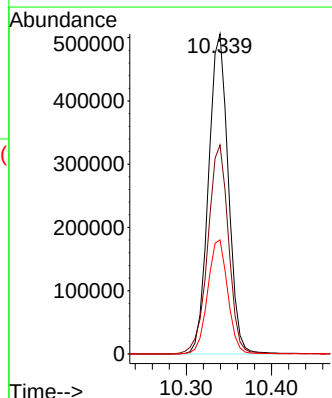
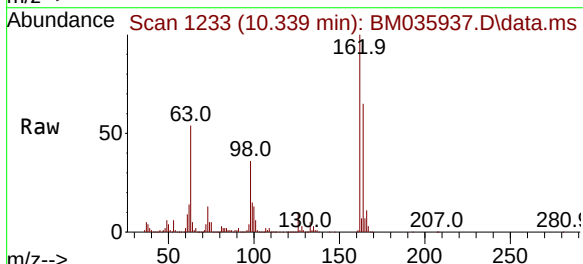
Delta R.T. 0.000 min

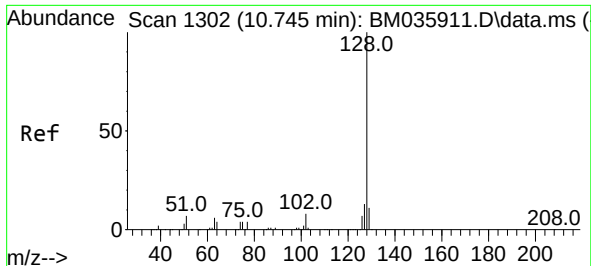
Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Tgt Ion: 162 Resp: 815890

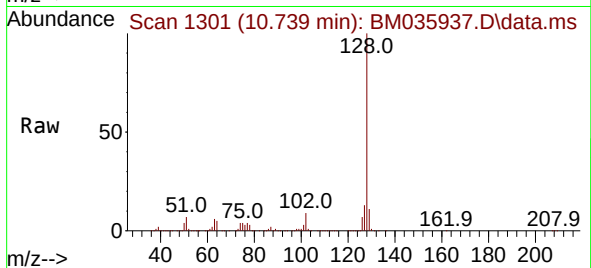
Ion	Ratio	Lower	Upper
162	100		
164	65.3	51.8	77.6
98	35.7	29.5	44.3



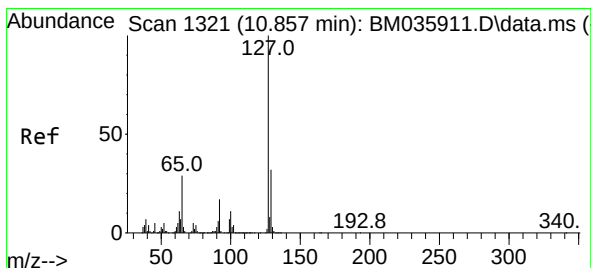
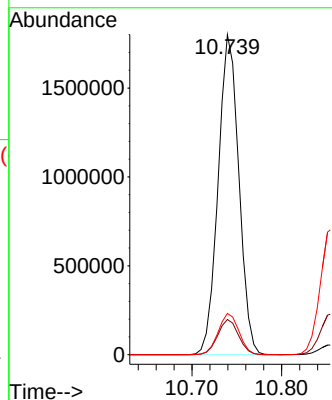
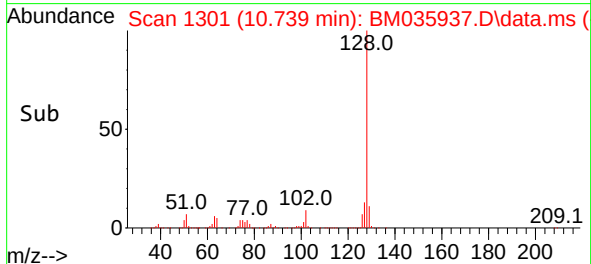


#30
Naphthalene
Concen: 34.719 ng/ul
RT: 10.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Instrument :
BNA_M
ClientSampleId :

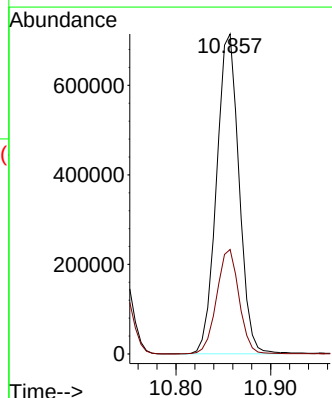
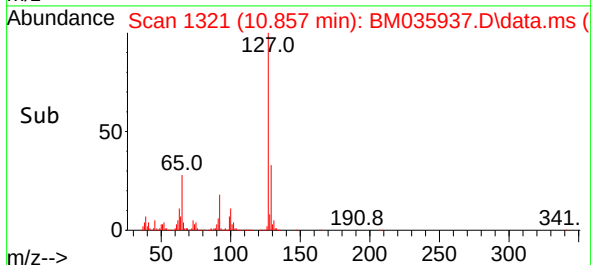
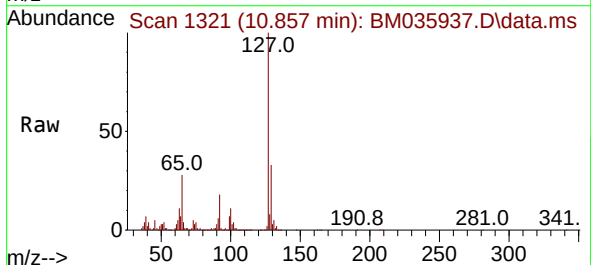


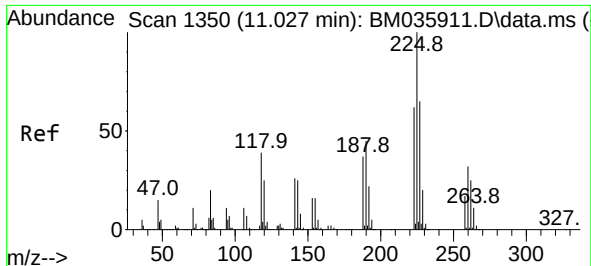
Tgt Ion:128 Resp: 2884776
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 31.845 ng/ul
RT: 10.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:127 Resp: 1177098
Ion Ratio Lower Upper
127 100
129 32.7 25.3 37.9

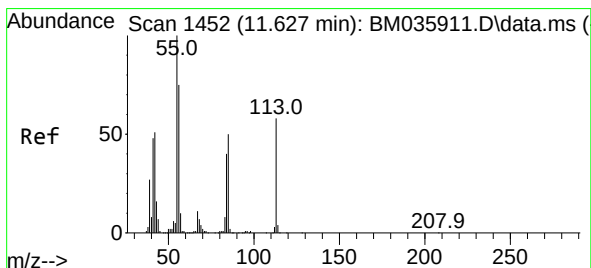
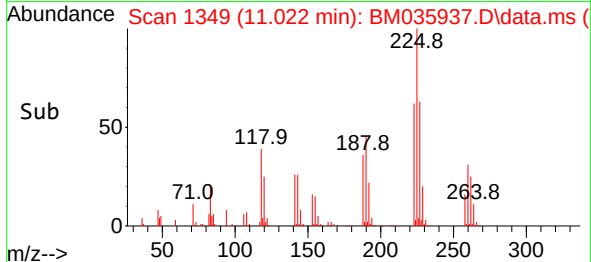
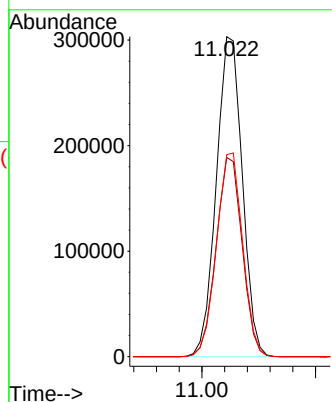
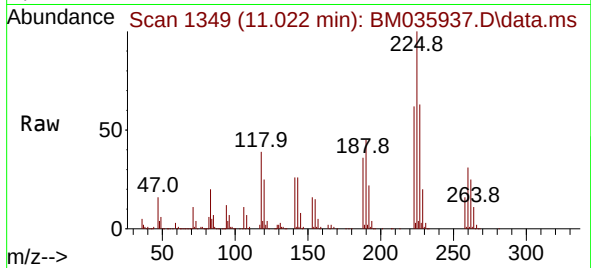




#33
Hexachlorobutadiene
Concen: 34.292 ng/ul
RT: 11.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

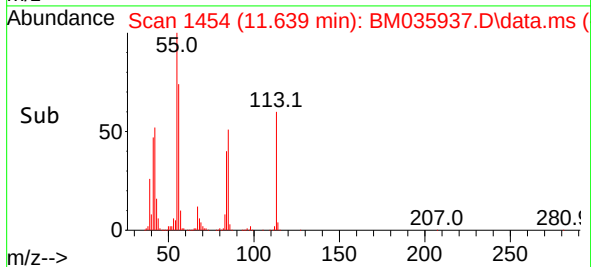
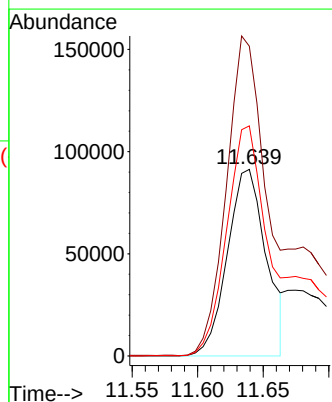
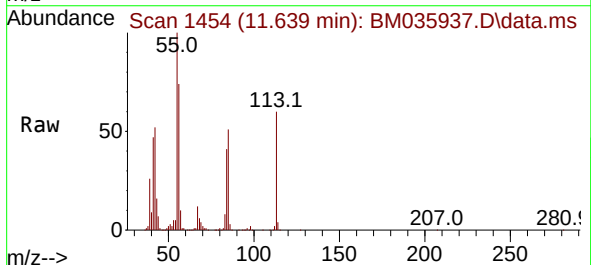
Instrument :
BNA_M
ClientSampleId :

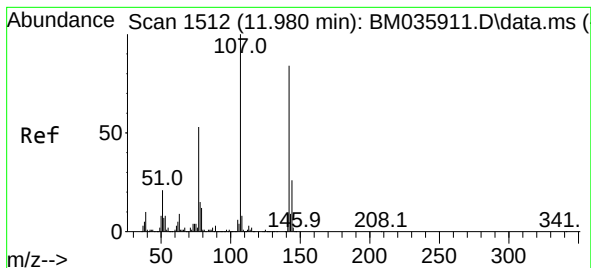
Tgt Ion:225 Resp: 482950
Ion Ratio Lower Upper
225 100
223 62.2 50.0 75.0
227 63.1 49.9 74.9



#34
Caprolactam
Concen: 24.962 ng/ul
RT: 11.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:113 Resp: 188201
Ion Ratio Lower Upper
113 100
55 166.0 150.2 225.4
56 123.3 102.1 153.1

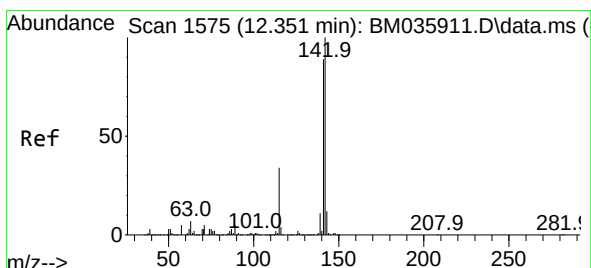
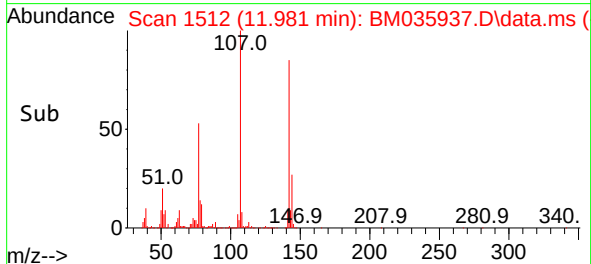
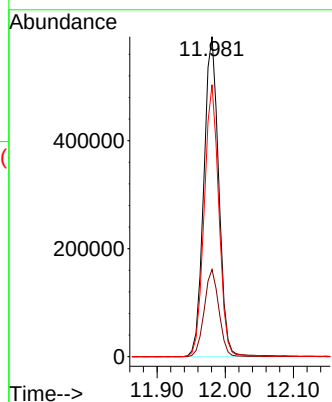
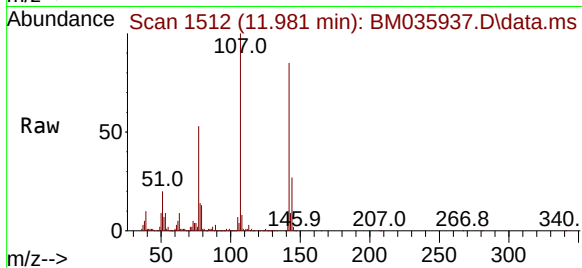




#35
4-Chloro-3-methylphenol
Concen: 38.145 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

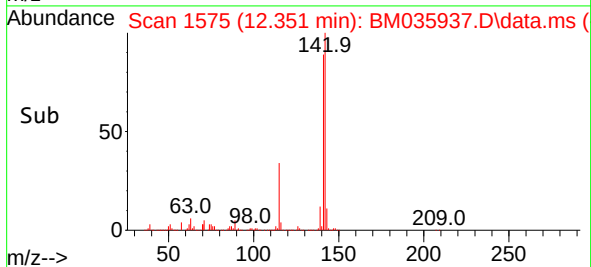
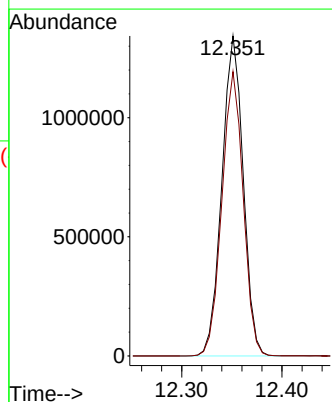
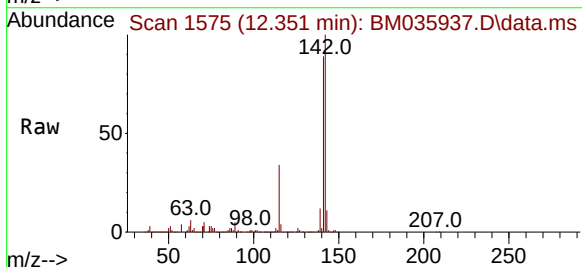
Instrument :
BNA_M
ClientSampleId :

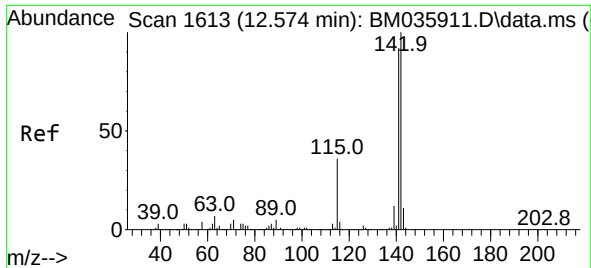
Tgt Ion:107 Resp: 904863
Ion Ratio Lower Upper
107 100
144 27.2 20.3 30.5
142 85.0 64.4 96.6



#36
2-Methylnaphthalene
Concen: 36.426 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:142 Resp: 1980137
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1





#37

1-Methylnaphthalene

Concen: 36.455 ng/ul

RT: 12.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Instrument :

BNA_M

ClientSampleId :

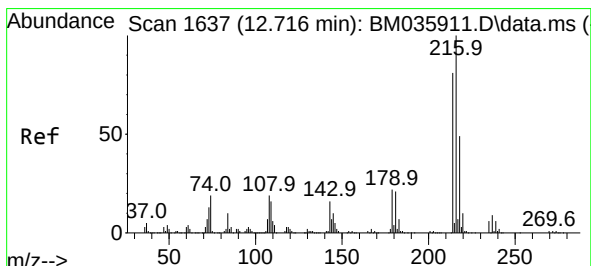
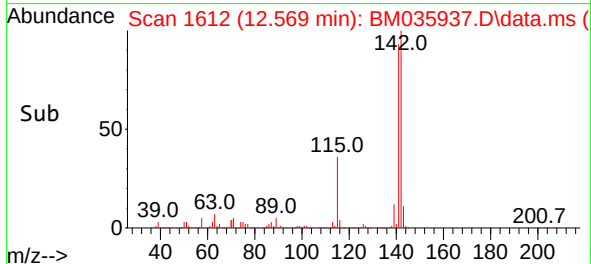
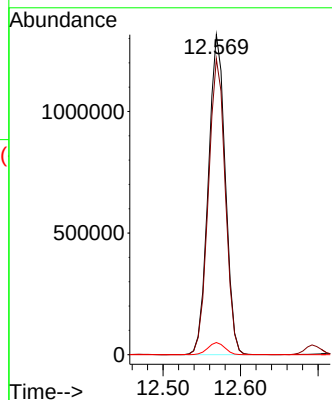
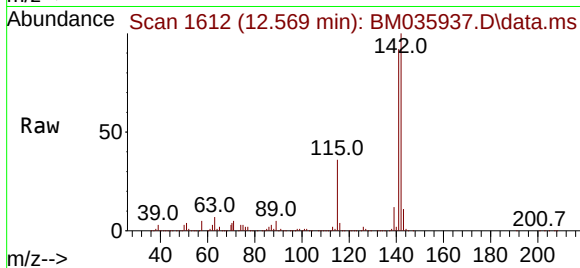
Tgt Ion:142 Resp: 1997500

Ion Ratio Lower Upper

142 100

141 92.5 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.999 ng/ul

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Tgt Ion:216 Resp: 953803

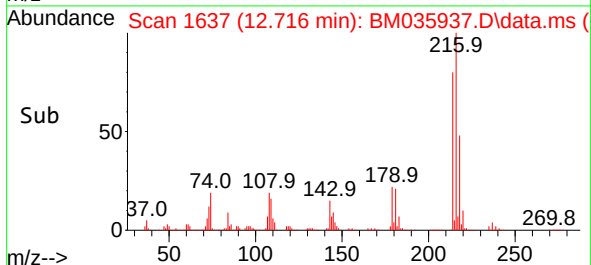
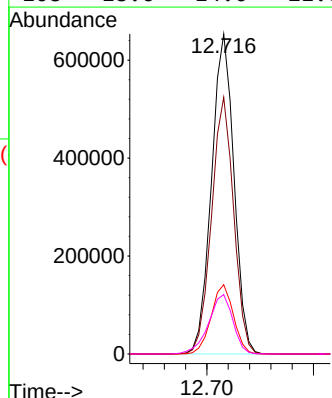
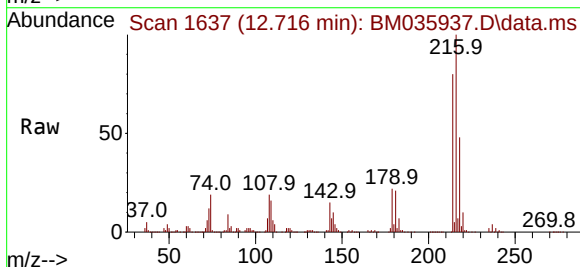
Ion Ratio Lower Upper

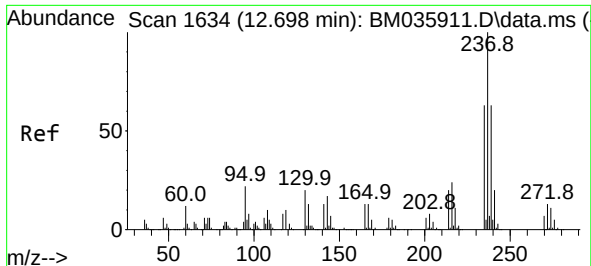
216 100

214 80.2 62.4 93.6

179 21.7 17.3 25.9

108 18.6 14.0 21.0

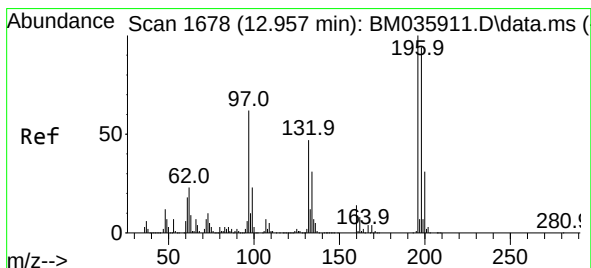
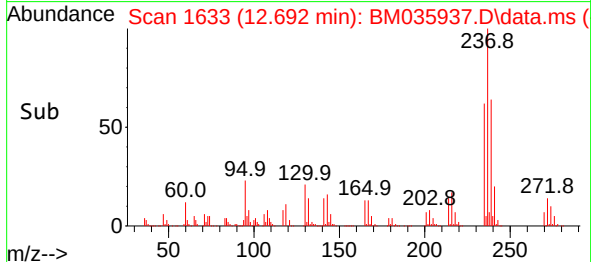
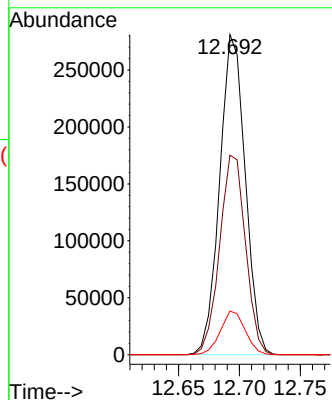
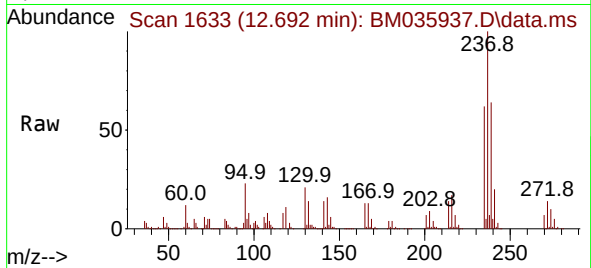




#40
Hexachlorocyclopentadiene
Concen: 21.962 ng/ul
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

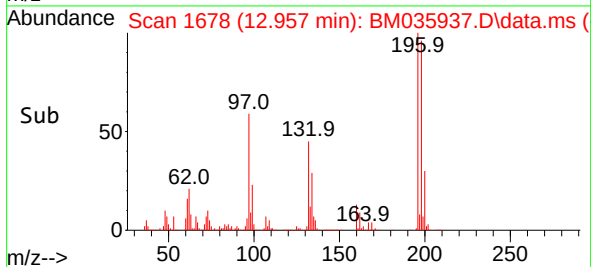
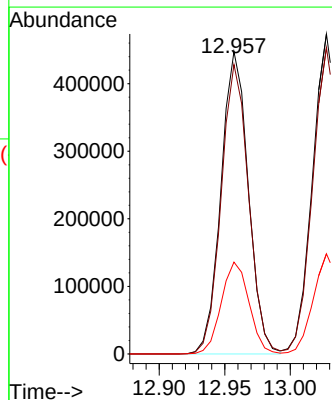
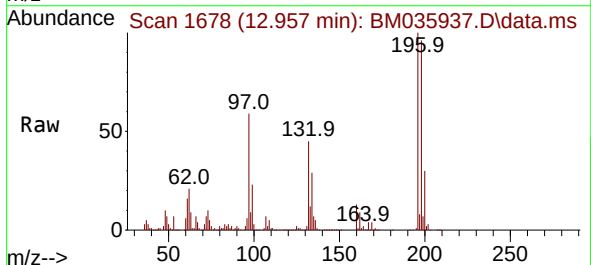
Instrument :
BNA_M
ClientSampleId :

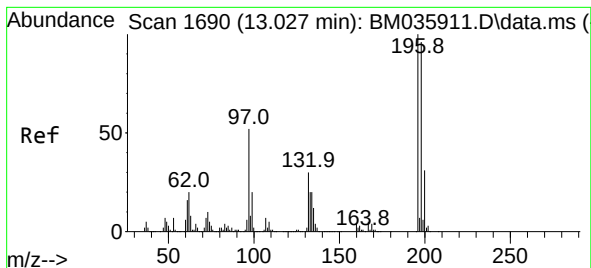
Tgt Ion:237 Resp: 410338
Ion Ratio Lower Upper
237 100
235 62.4 48.4 72.6
272 13.6 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 36.181 ng/ul
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:196 Resp: 649549
Ion Ratio Lower Upper
196 100
198 95.7 77.8 116.6
200 30.4 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 35.836 ng/ul

RT: 13.028 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Instrument :

BNA_M

ClientSampleId :

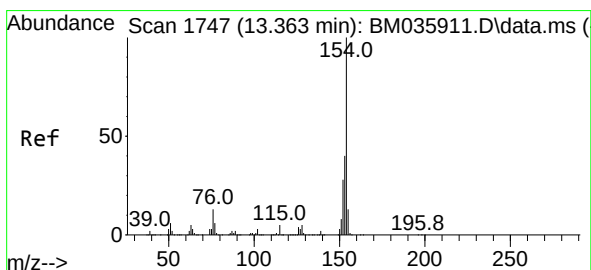
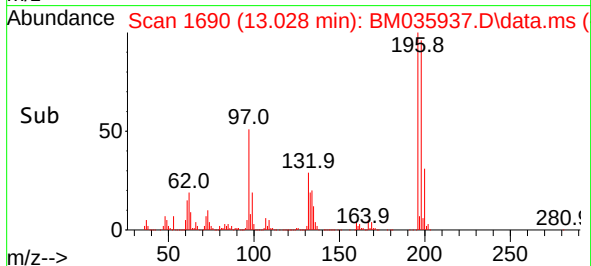
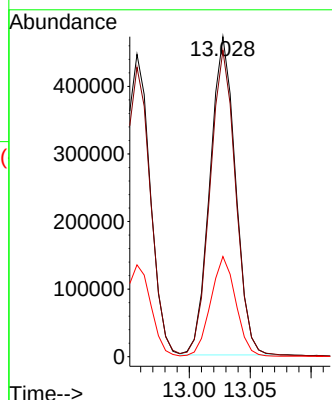
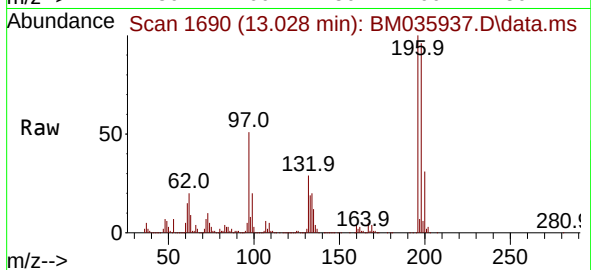
Tgt Ion:196 Resp: 686490

Ion Ratio Lower Upper

196 100

198 95.8 76.8 115.2

200 31.3 24.9 37.3



#43

1,1'-Biphenyl

Concen: 34.660 ng/ul

RT: 13.363 min Scan# 1747

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

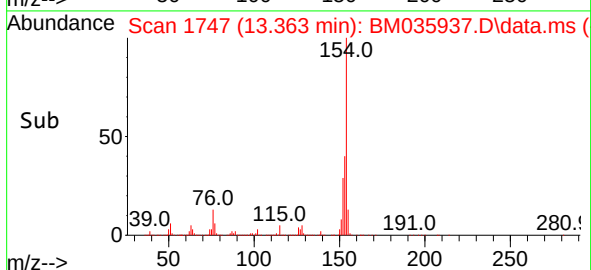
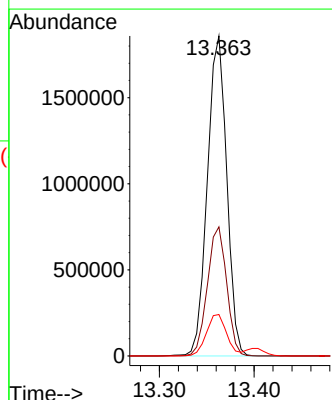
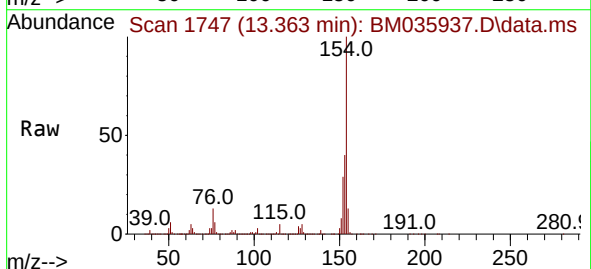
Tgt Ion:154 Resp: 2629169

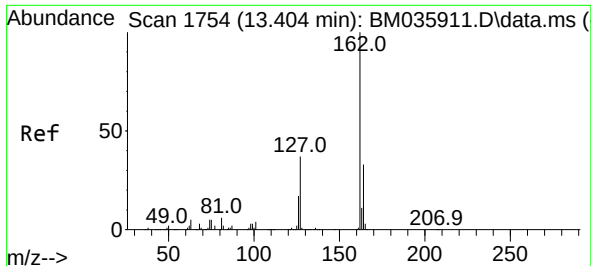
Ion Ratio Lower Upper

154 100

153 40.3 32.4 48.6

76 13.0 10.1 15.1

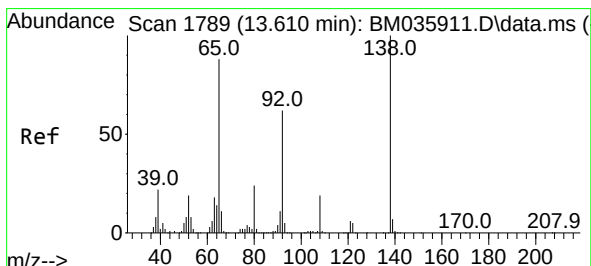
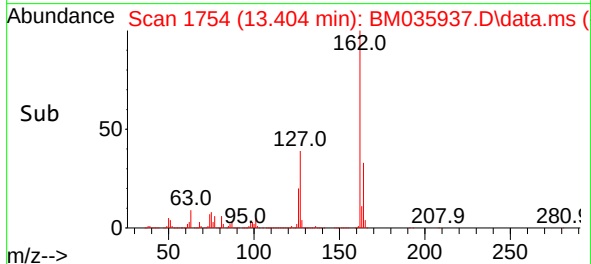
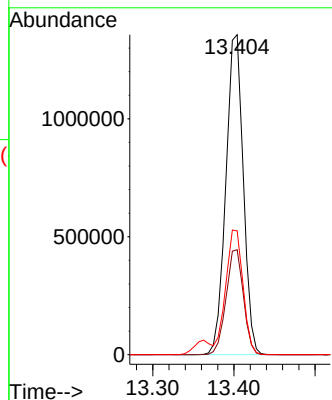
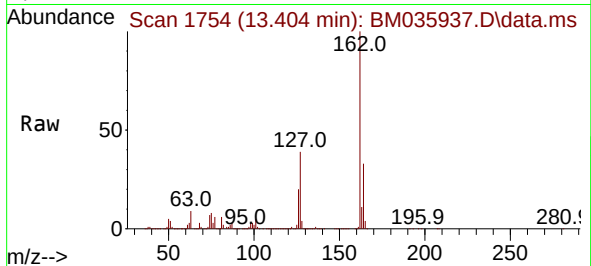




#44
2-Chloronaphthalene
Concen: 34.796 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

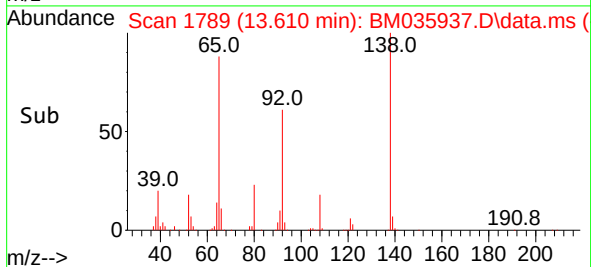
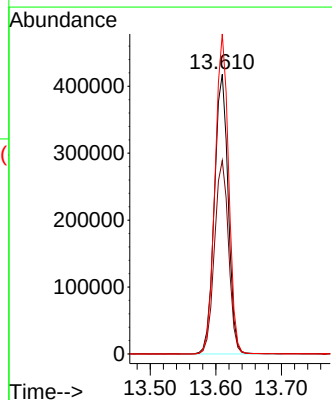
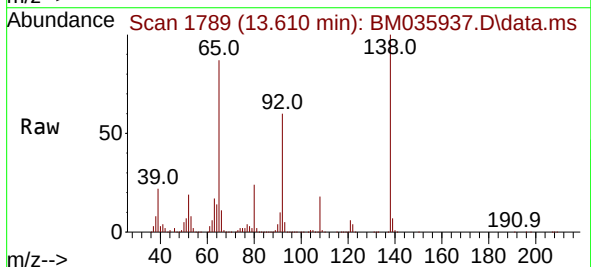
Instrument :
BNA_M
ClientSampleId :

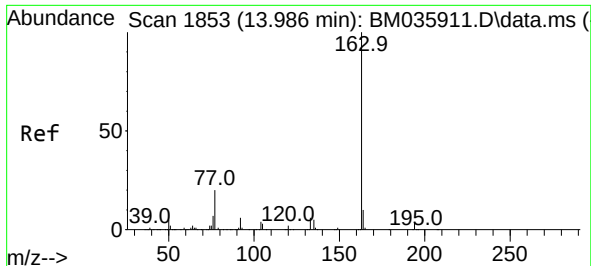
Tgt Ion:162 Resp: 2025694
Ion Ratio Lower Upper
162 100
164 32.8 25.4 38.0
127 38.7 31.6 47.4



#45
2-Nitroaniline
Concen: 38.129 ng/ul
RT: 13.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion: 65 Resp: 611952
Ion Ratio Lower Upper
65 100
92 69.2 54.5 81.7
138 114.4 91.2 136.8

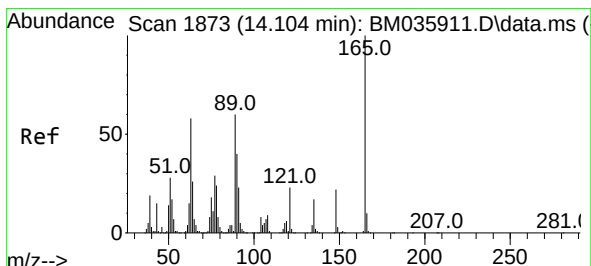
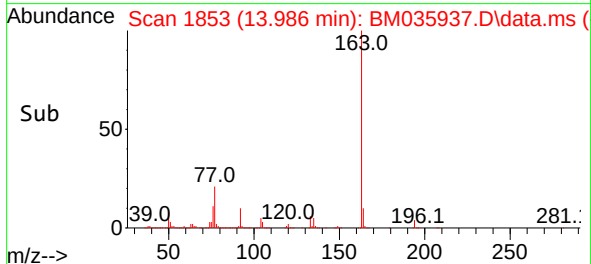
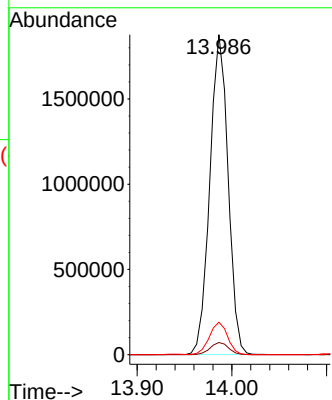
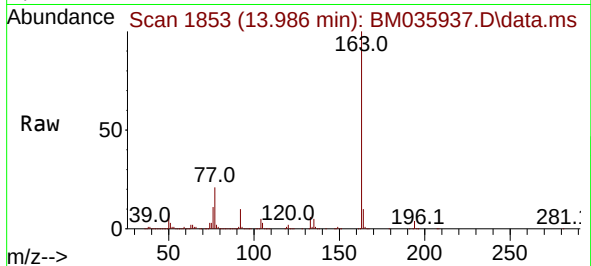




#47
Dimethylphthalate
Concen: 37.201 ng/ul
RT: 13.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

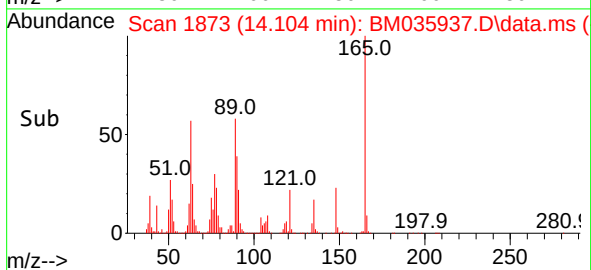
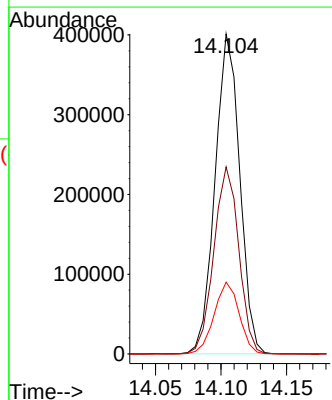
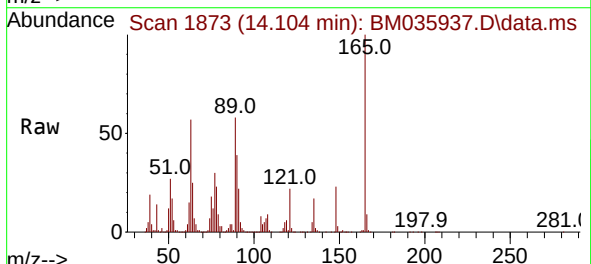
Instrument :
BNA_M
ClientSampleId :

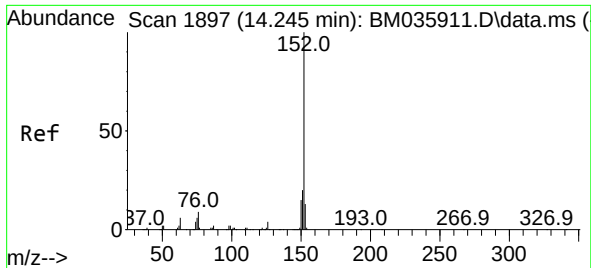
Tgt Ion:163 Resp: 2512074
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 39.124 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:165 Resp: 524520
Ion Ratio Lower Upper
165 100
89 58.5 42.5 63.7
121 22.5 17.2 25.8

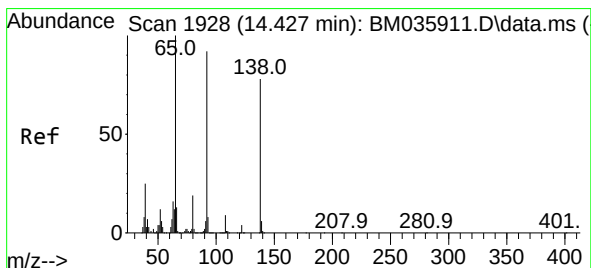
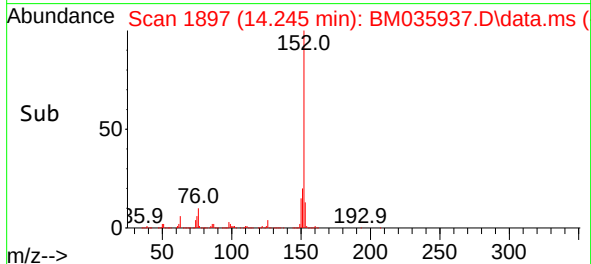
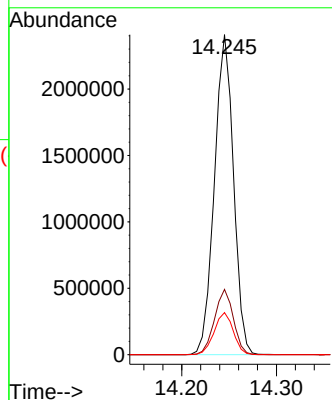
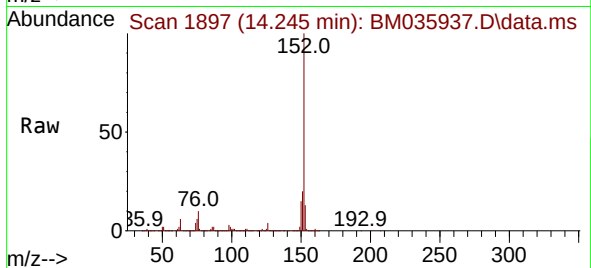




#50
Acenaphthylene
Concen: 35.575 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

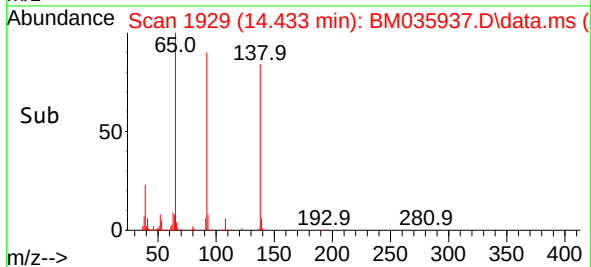
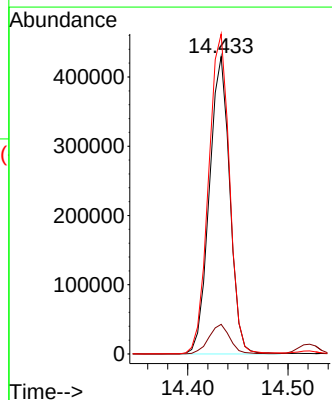
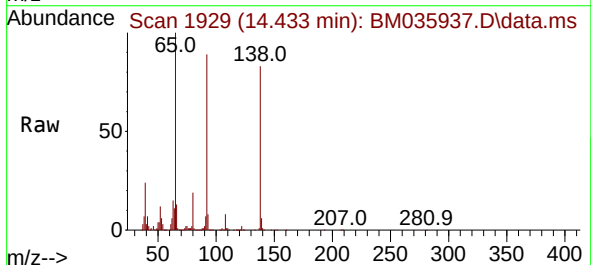
Instrument :
BNA_M
ClientSampleId :

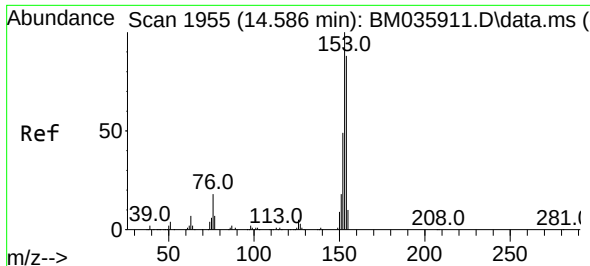
Tgt Ion:152 Resp: 3370832
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 40.983 ng/ul
RT: 14.433 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:138 Resp: 607225
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 107.6 90.4 135.6

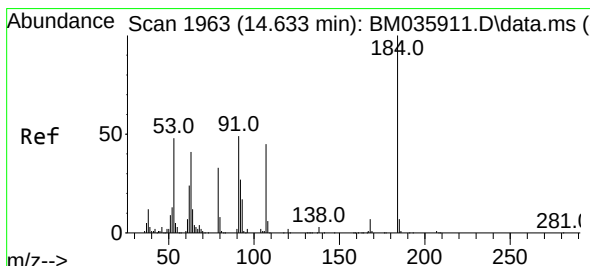
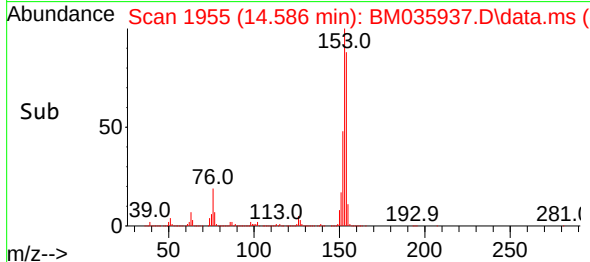
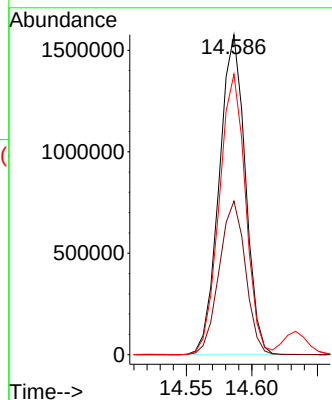
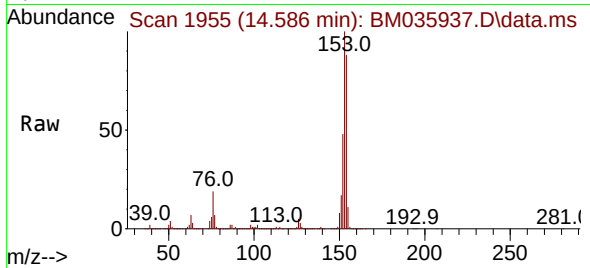




#52
Acenaphthene
Concen: 35.575 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

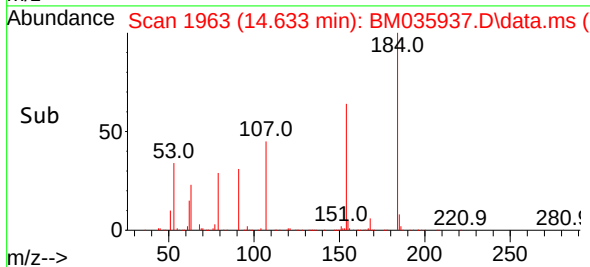
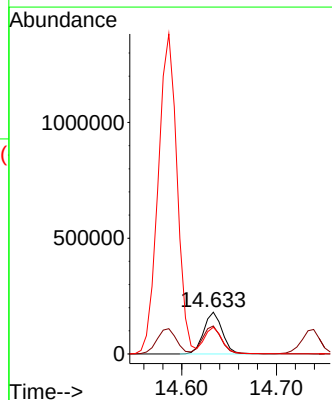
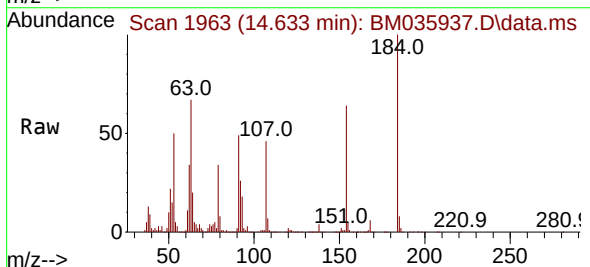
Instrument :
BNA_M
ClientSampleId :

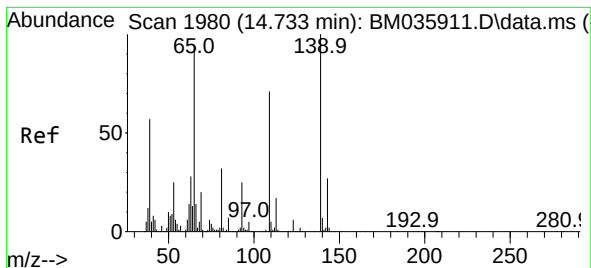
Tgt Ion:153 Resp: 2186827
Ion Ratio Lower Upper
153 100
152 48.0 37.1 55.7
154 87.7 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 32.535 ng/ul
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:184 Resp: 247657
Ion Ratio Lower Upper
184 100
63 67.0 54.2 81.4
154 64.0 49.3 73.9

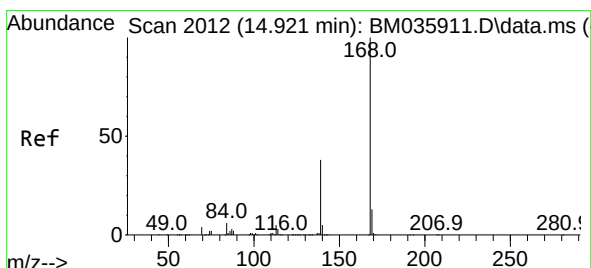
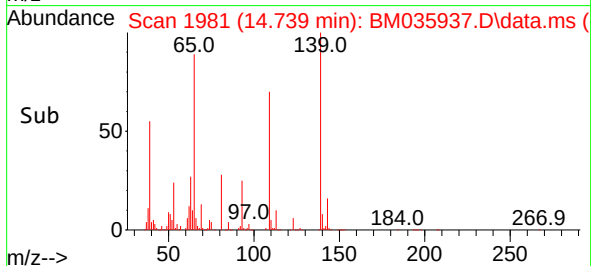
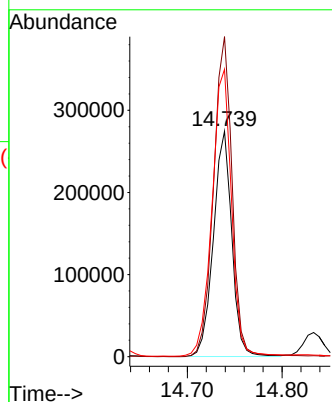
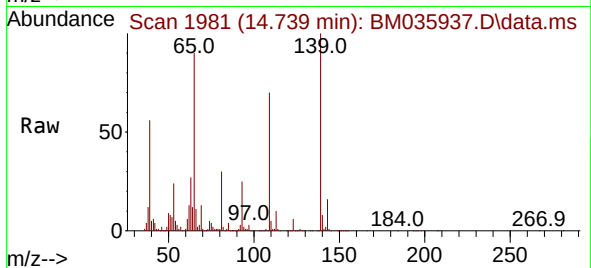




#55
4-Nitrophenol
Concen: 34.977 ng/ul
RT: 14.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

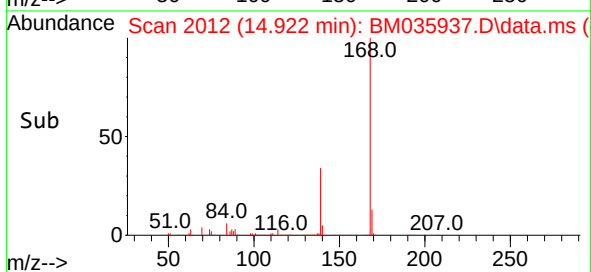
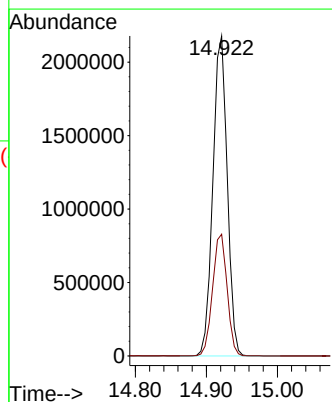
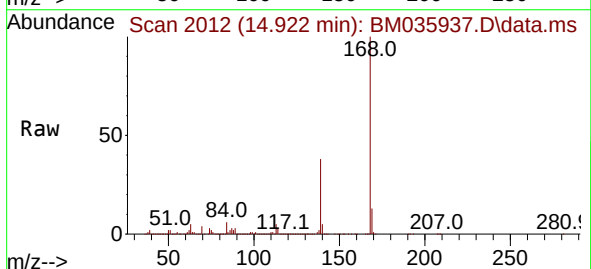
Instrument :
BNA_M
ClientSampleId :

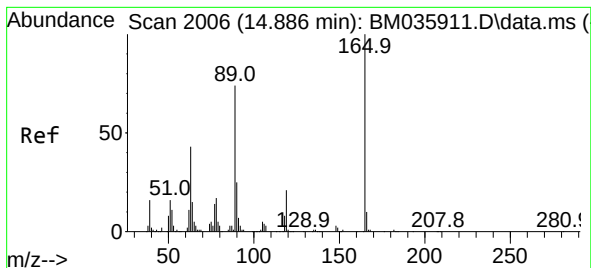
Tgt Ion:109 Resp: 368780
Ion Ratio Lower Upper
109 100
139 142.0 124.9 187.3
65 127.5 122.2 183.4



#56
Dibenzofuran
Concen: 35.884 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:168 Resp: 3052031
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1

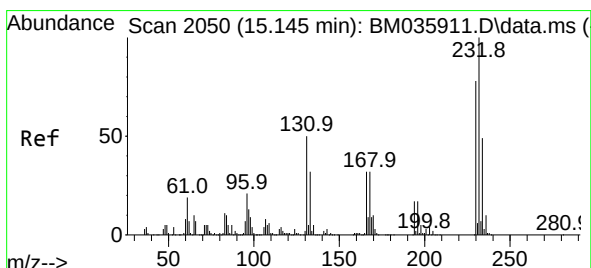
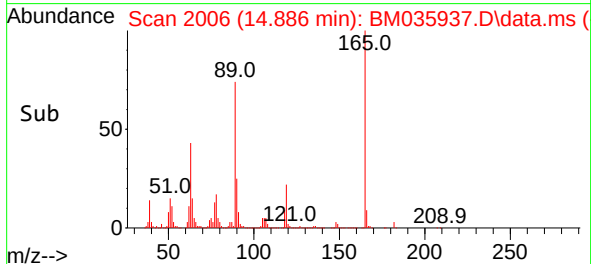
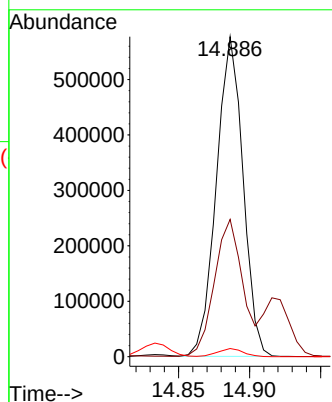
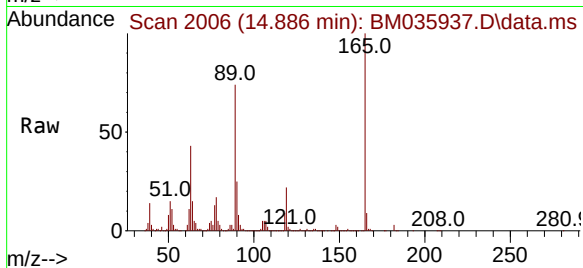




#57
2,4-Dinitrotoluene
Concen: 39.807 ng/ul
RT: 14.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

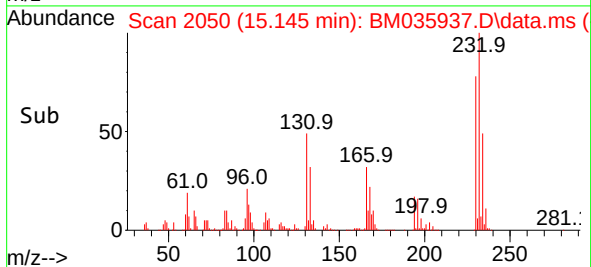
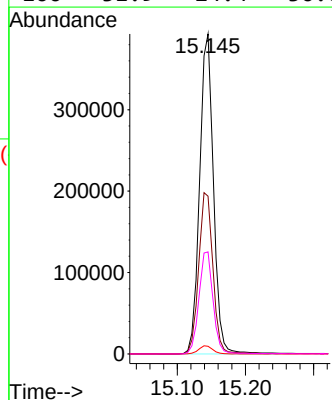
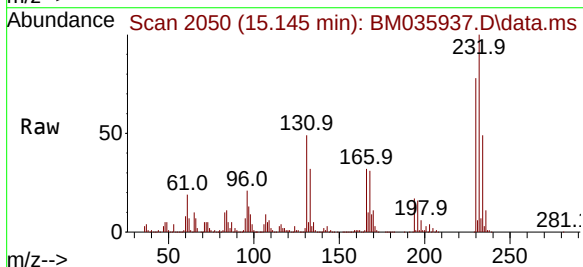
Instrument :
BNA_M
ClientSampleId :

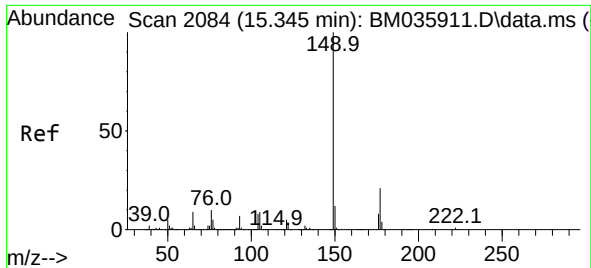
Tgt Ion:165 Resp: 752265
Ion Ratio Lower Upper
165 100
63 42.9 35.9 53.9
182 2.5 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.914 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:232 Resp: 555590
Ion Ratio Lower Upper
232 100
131 49.3 36.7 55.1
130 2.4 1.7 2.5
166 31.9 24.4 36.6

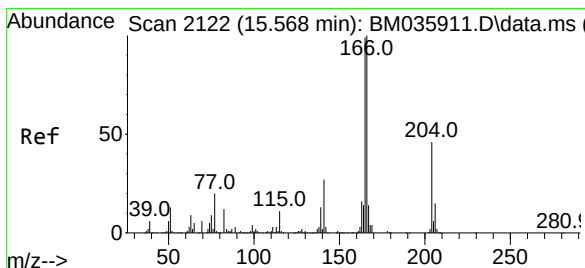
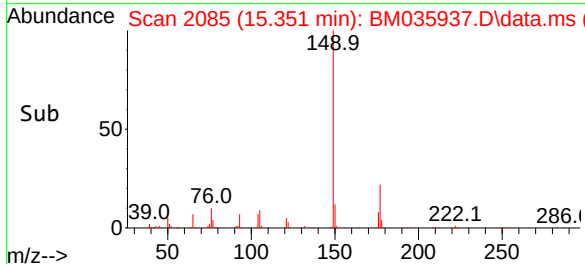
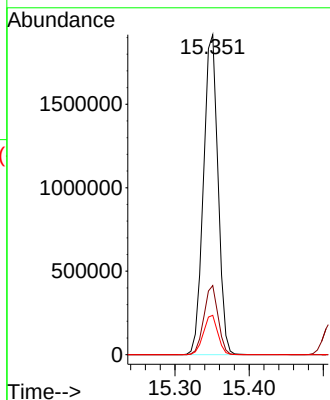
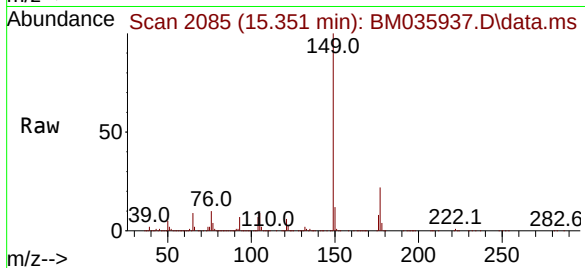




#59
Diethylphthalate
Concen: 38.208 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. 0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

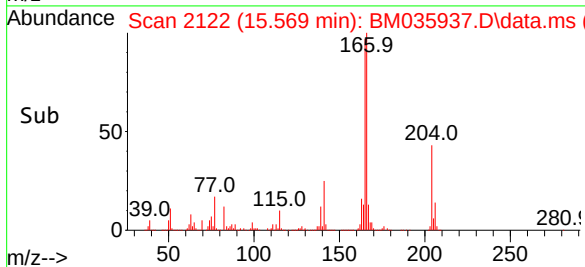
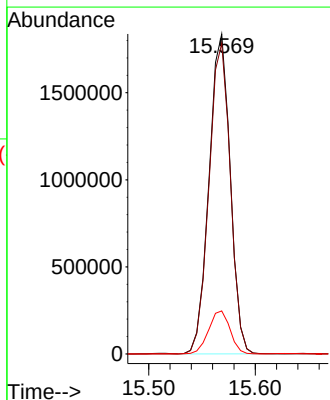
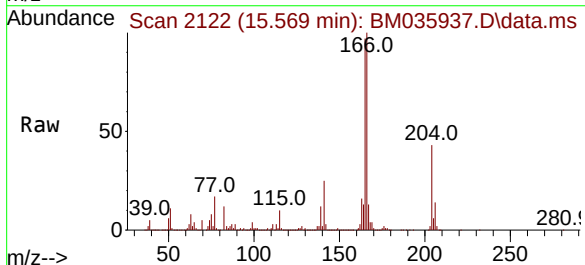
Instrument :
BNA_M
ClientSampleId :

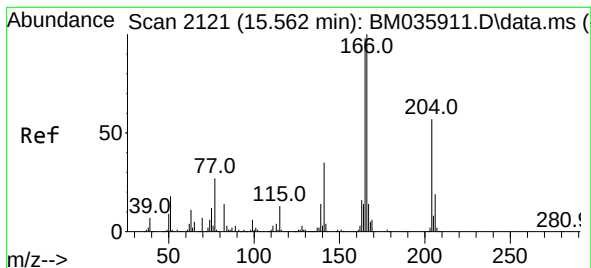
Tgt Ion:149 Resp: 2609687
Ion Ratio Lower Upper
149 100
177 21.6 16.8 25.2
150 12.3 10.2 15.4



#61
Fluorene
Concen: 36.523 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:166 Resp: 2537601
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 13.4 11.0 16.4

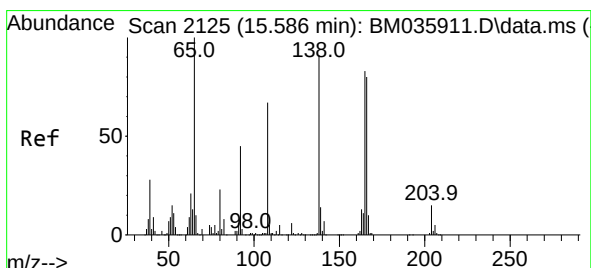
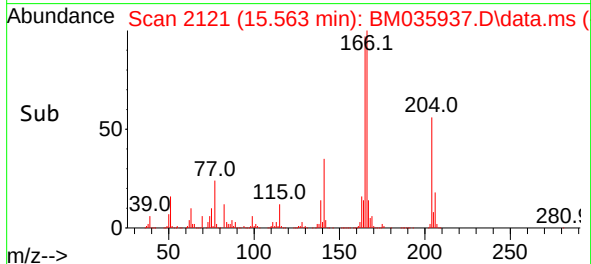
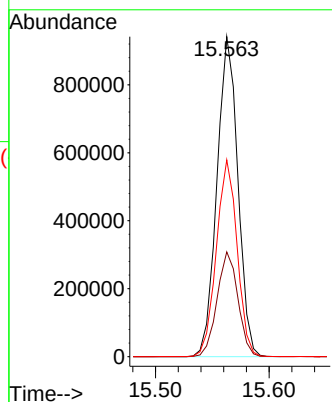
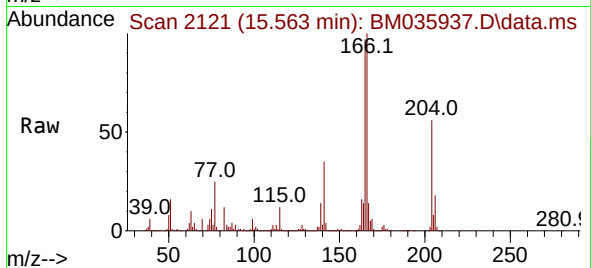




#62
4-Chlorophenyl-phenylether
Concen: 36.281 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

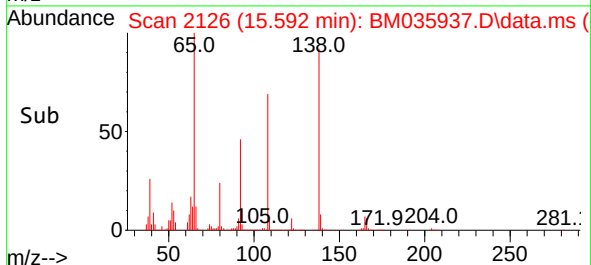
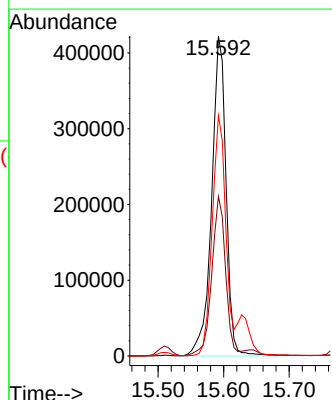
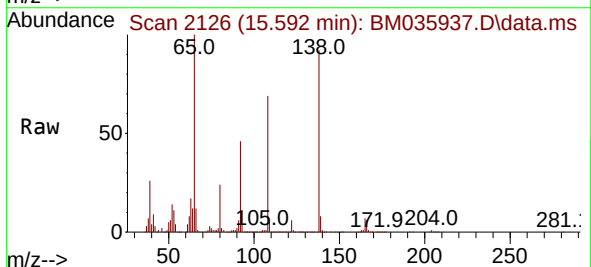
Instrument :
BNA_M
ClientSampleId :

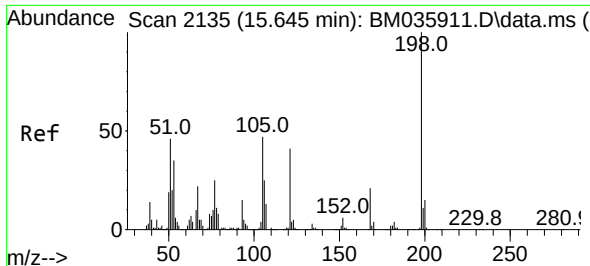
Tgt Ion:204 Resp: 1207760
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 61.5 50.6 75.8



#63
4-Nitroaniline
Concen: 47.490 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:138 Resp: 647775
Ion Ratio Lower Upper
138 100
92 49.9 39.2 58.8
108 75.1 51.6 77.4

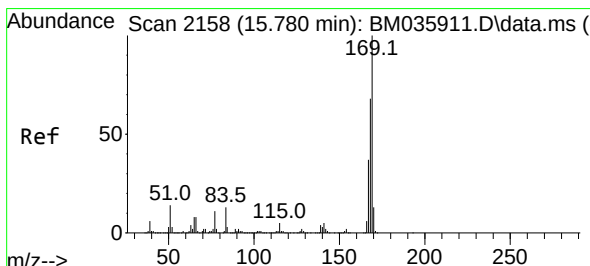
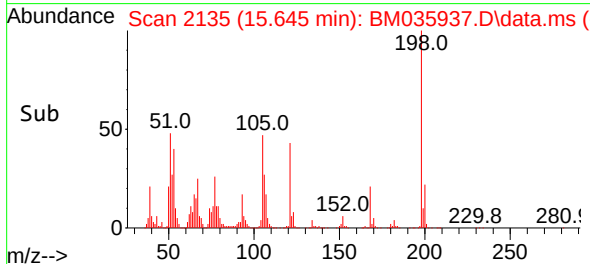
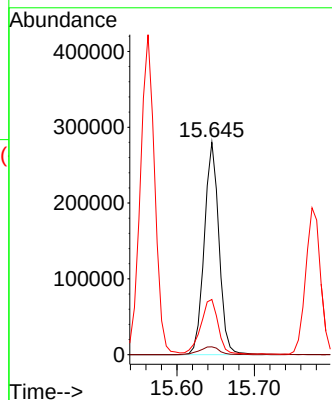
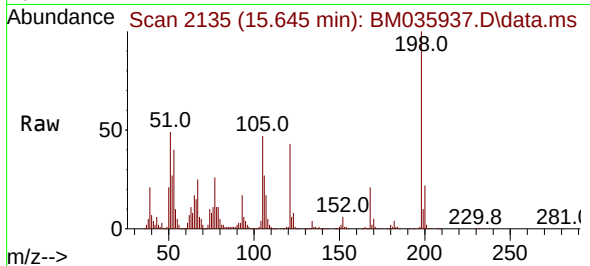




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.689 ng/ul
 RT: 15.645 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

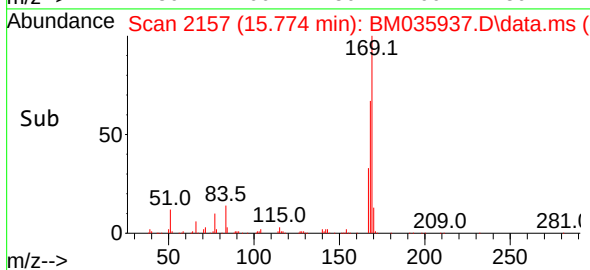
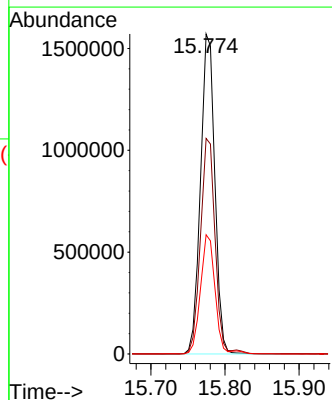
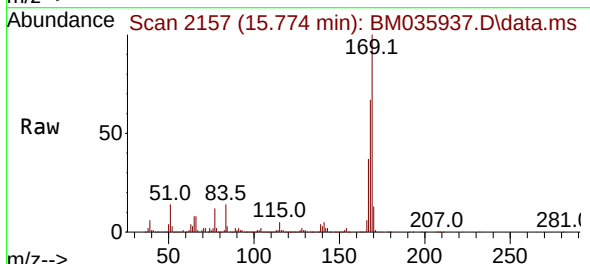
Instrument :
 BNA_M
 ClientSampleId :

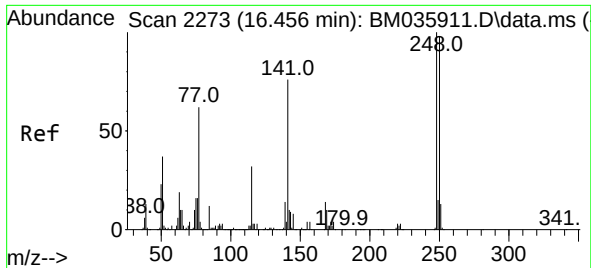
Tgt Ion:198 Resp: 369108
 Ion Ratio Lower Upper
 198 100
 182 3.7 4.2 6.4#
 77 26.0 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 35.306 ng/ul
 RT: 15.774 min Scan# 2157
 Delta R.T. -0.006 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

Tgt Ion:169 Resp: 2114291
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 37.2 28.7 43.1

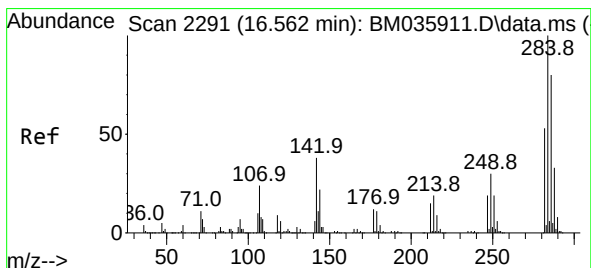
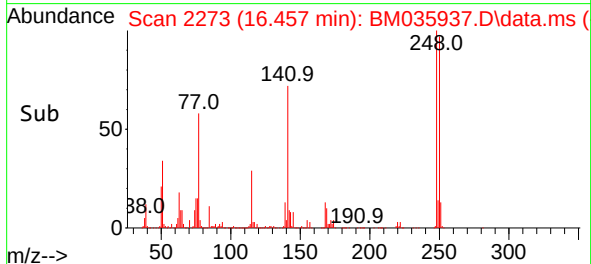
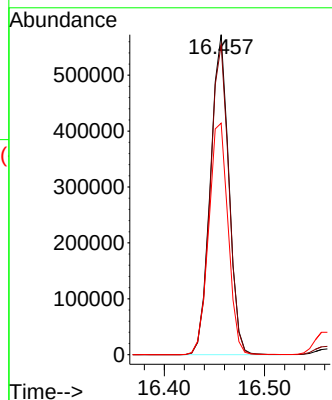
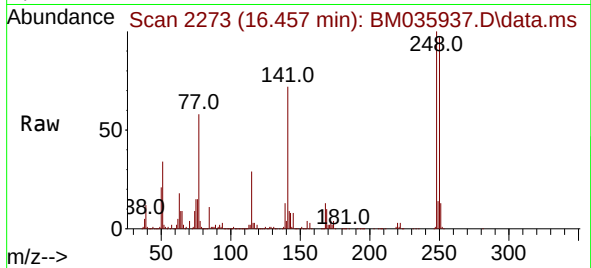




#68
4-Bromophenyl-phenylether
Concen: 36.657 ng/ul
RT: 16.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

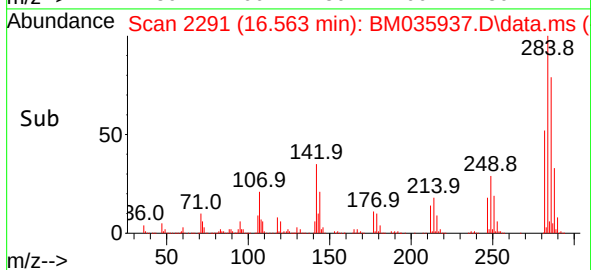
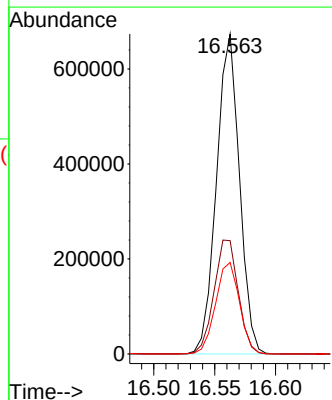
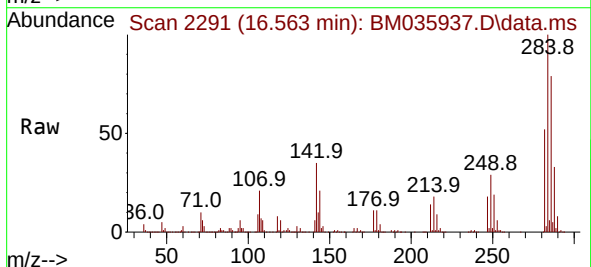
Instrument :
BNA_M
ClientSampleId :

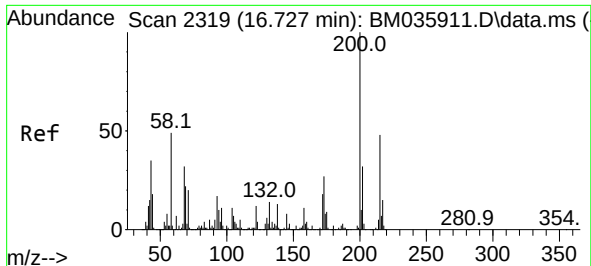
Tgt Ion:248 Resp: 732016
Ion Ratio Lower Upper
248 100
250 96.9 77.3 115.9
141 72.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 36.340 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:284 Resp: 884216
Ion Ratio Lower Upper
284 100
142 35.4 28.6 42.8
249 28.6 24.6 37.0

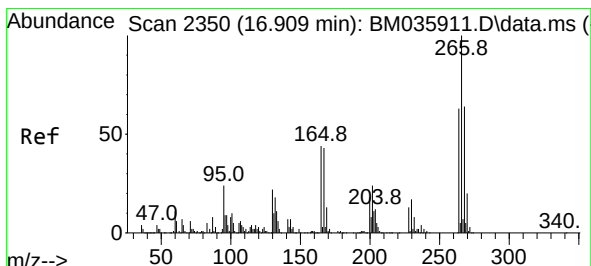
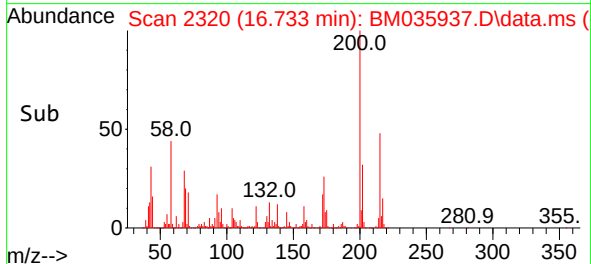
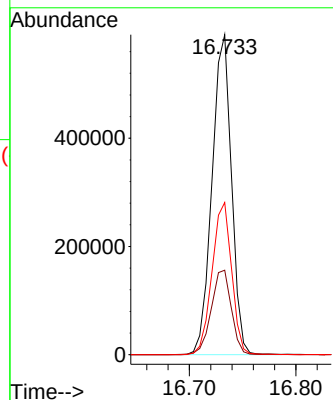
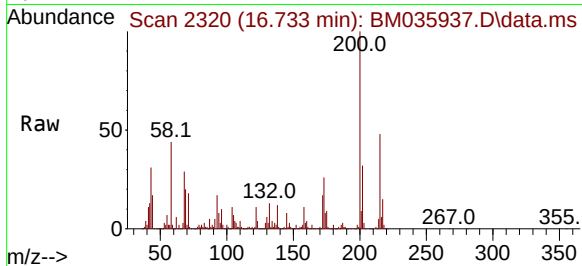




#70
Atrazine
Concen: 36.184 ng/ul
RT: 16.733 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

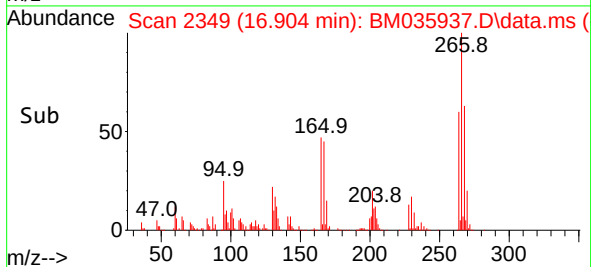
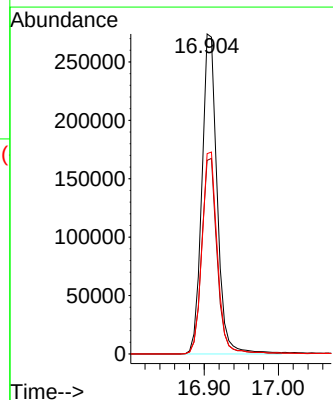
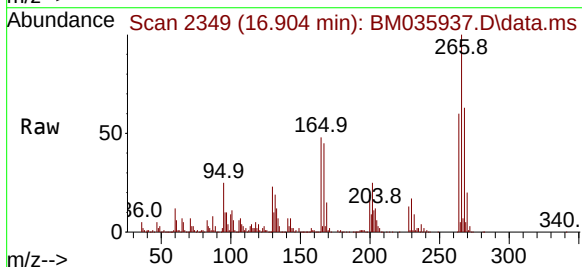
Instrument :
BNA_M
ClientSampleId :

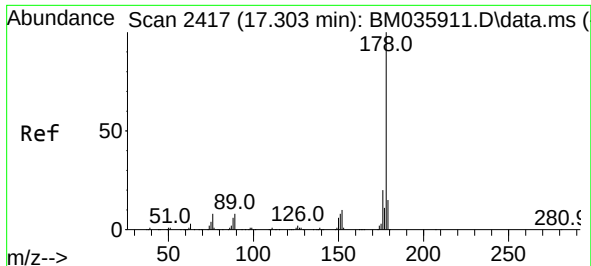
Tgt Ion:200 Resp: 751573
Ion Ratio Lower Upper
200 100
173 26.4 21.3 31.9
215 47.6 39.0 58.6



#71
Pentachlorophenol
Concen: 26.369 ng/ul
RT: 16.904 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

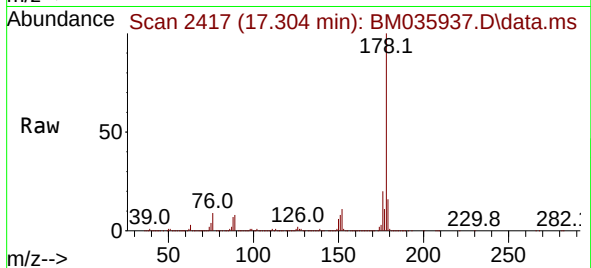
Tgt Ion:266 Resp: 391956
Ion Ratio Lower Upper
266 100
264 60.5 49.5 74.3
268 62.6 51.0 76.4



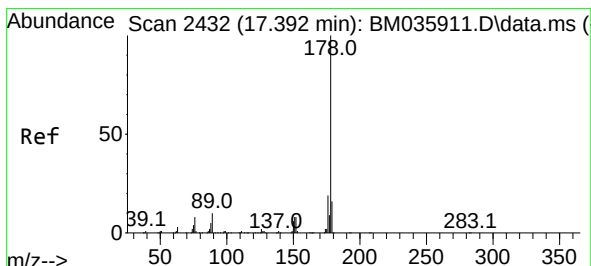
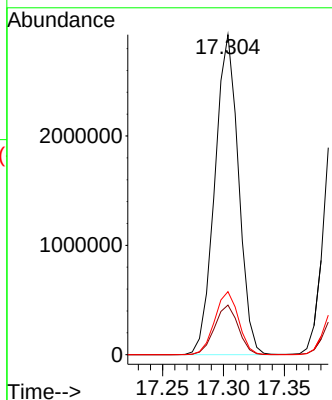
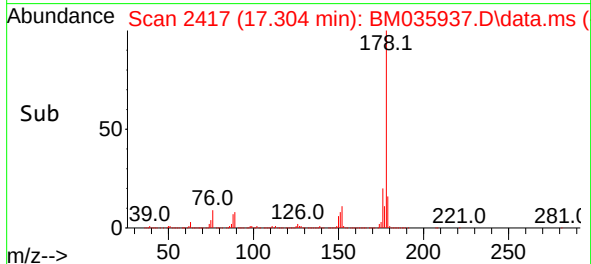


#72
Phenanthrene
Concen: 36.307 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Instrument :
BNA_M
ClientSampleId :

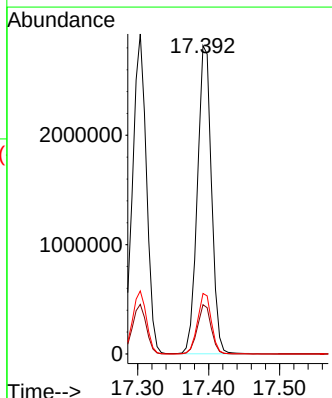
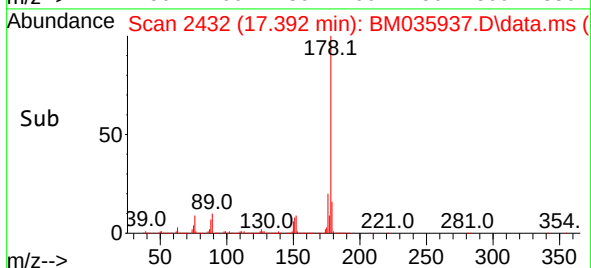
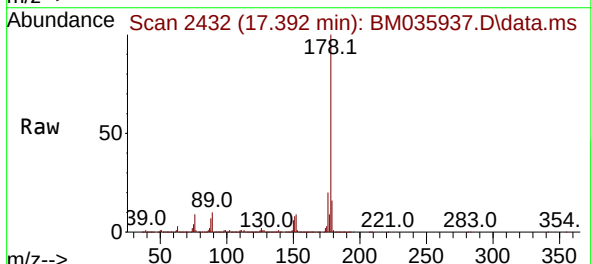


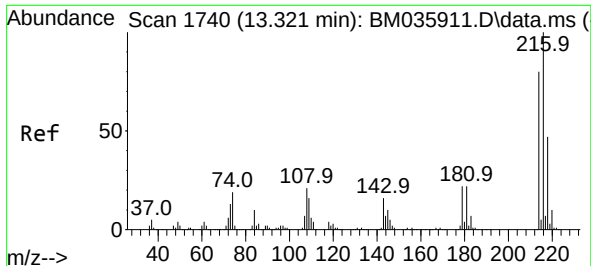
Tgt Ion:178 Resp: 3963914
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.7 14.9 22.3



#74
Anthracene
Concen: 35.573 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

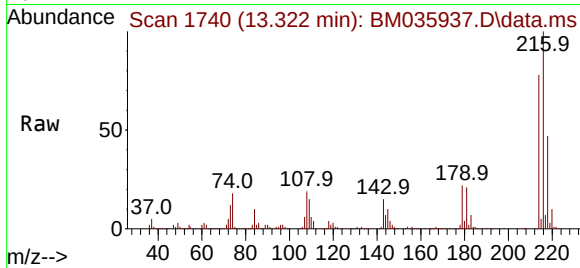
Tgt Ion:178 Resp: 3897039
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 19.6 14.4 21.6



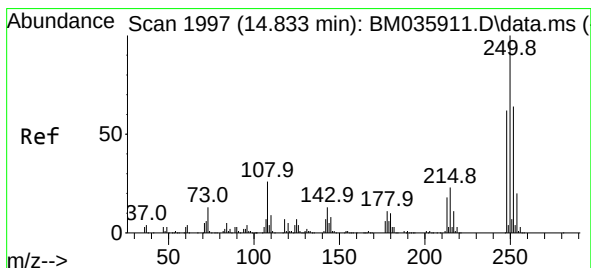
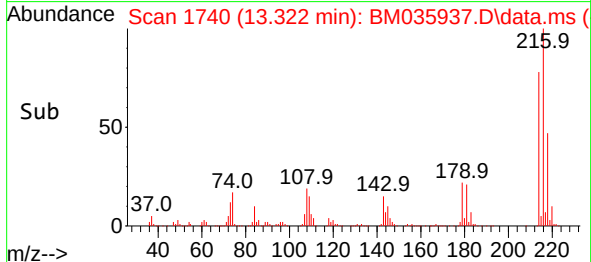
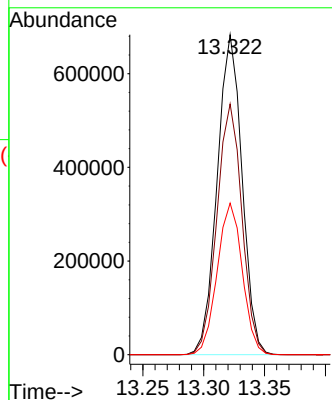


#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.726 ng/uL
RT: 13.322 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Instrument :
BNA_M
ClientSampleId :

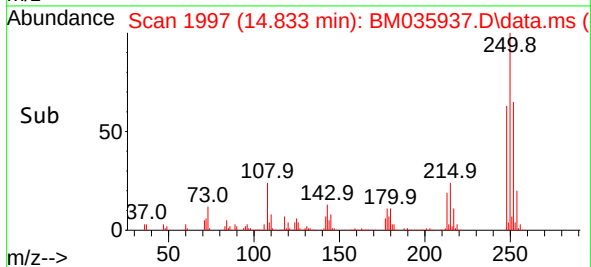
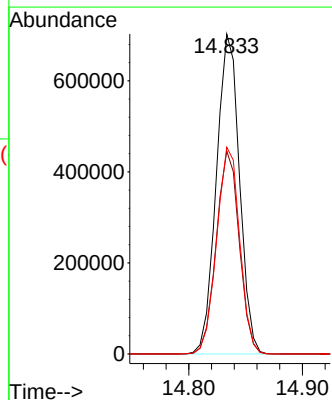
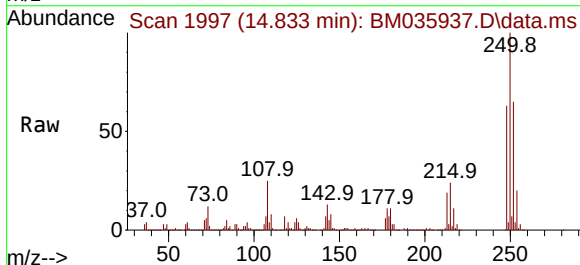


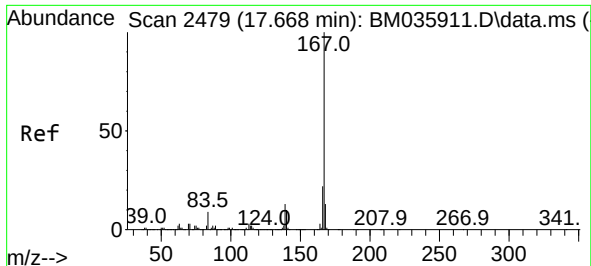
Tgt Ion:216 Resp: 973315
Ion Ratio Lower Upper
216 100
214 78.3 60.9 91.3
218 47.4 37.5 56.3



#76
Pentachlorobenzene
Concen: 34.598 ng/uL
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:250 Resp: 993470
Ion Ratio Lower Upper
250 100
248 63.4 50.4 75.6
252 64.6 51.1 76.7

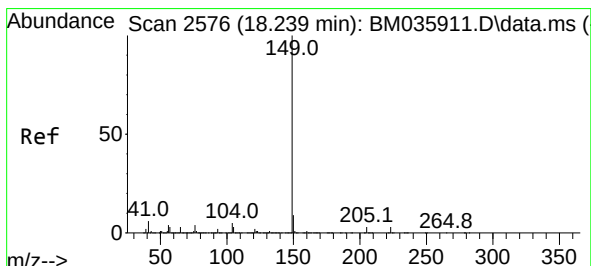
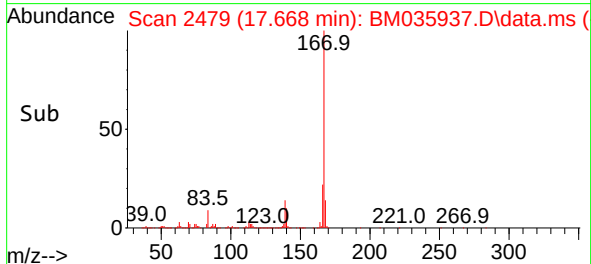
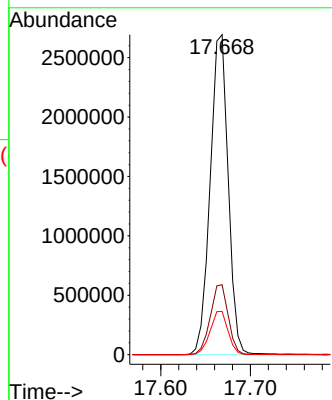
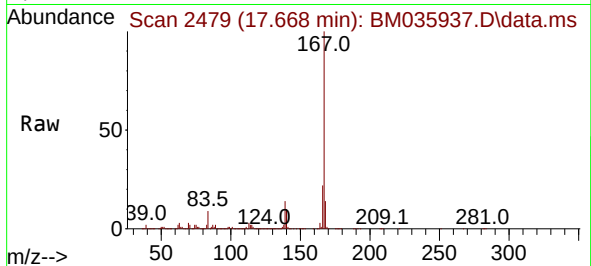




#77
 Carbazole
 Concen: 37.203 ng/ul
 RT: 17.668 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

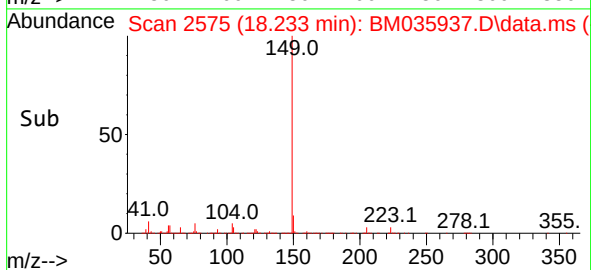
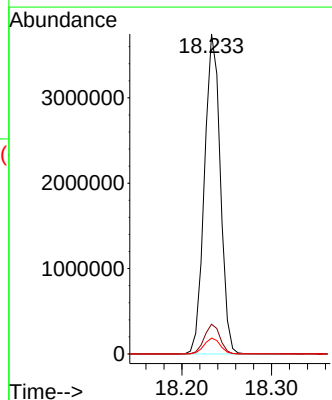
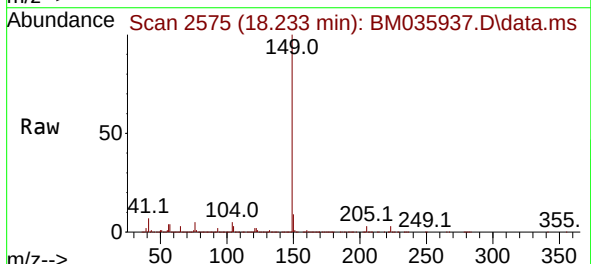
Instrument :
 BNA_M
 ClientSampleId :

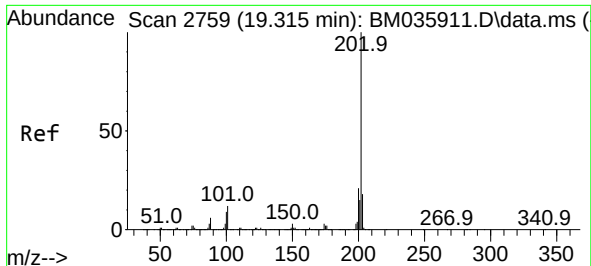
Tgt Ion:167 Resp: 3764300
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.5 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 40.279 ng/ul
 RT: 18.233 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

Tgt Ion:149 Resp: 4598266
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.9 3.7 5.5

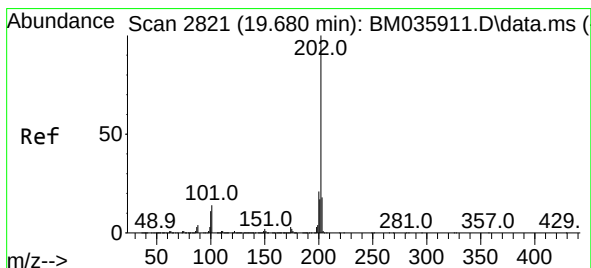
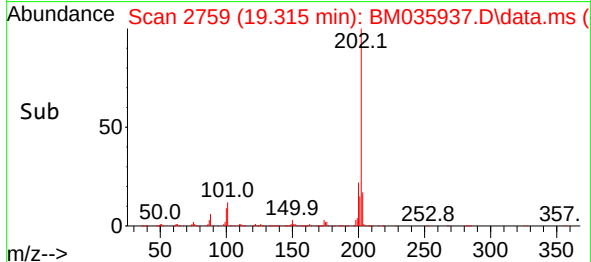
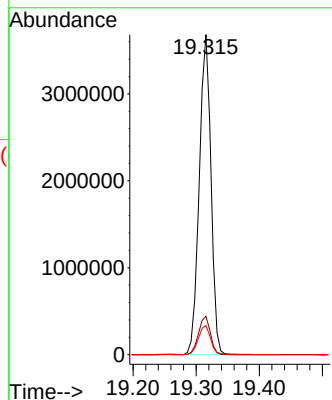
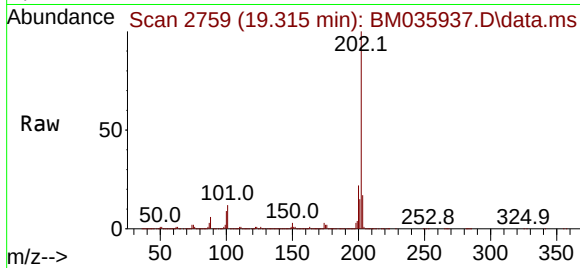




#80
Fluoranthene
Concen: 35.245 ng/u1
RT: 19.315 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

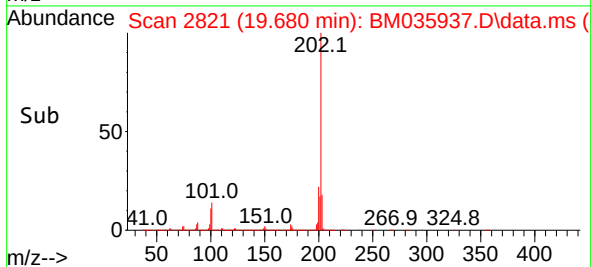
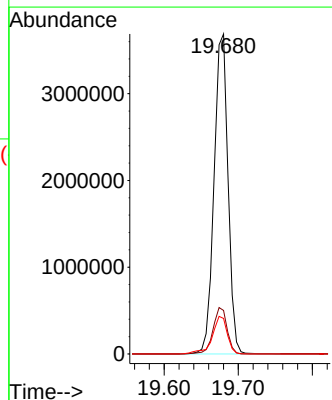
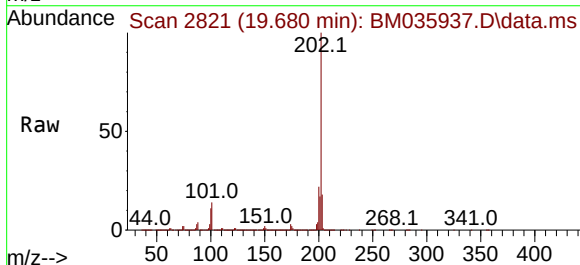
Instrument :
BNA_M
ClientSampleId :

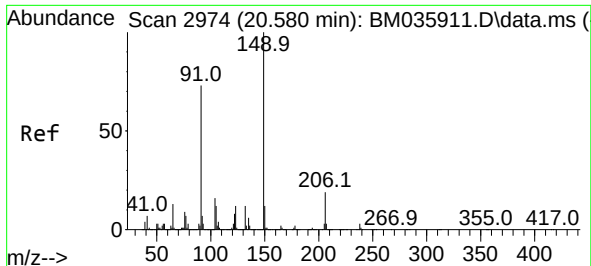
Tgt Ion:202 Resp: 4726009
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.1 7.8 11.6



#82
Pyrene
Concen: 34.874 ng/u1
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:202 Resp: 4819928
Ion Ratio Lower Upper
202 100
101 13.6 11.9 17.9
100 11.1 10.2 15.4

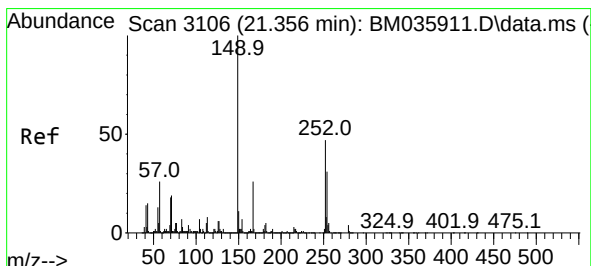
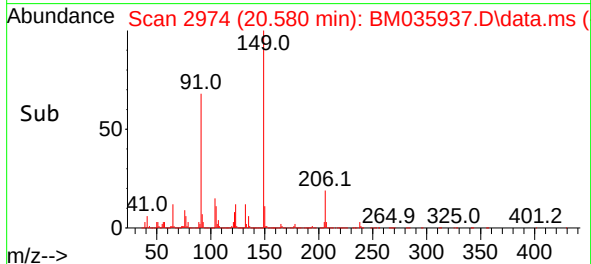
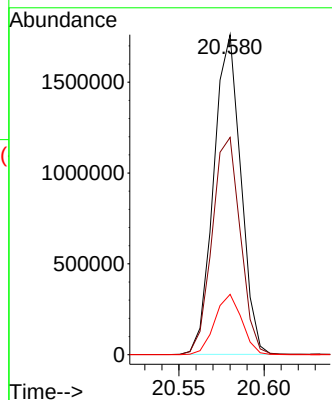
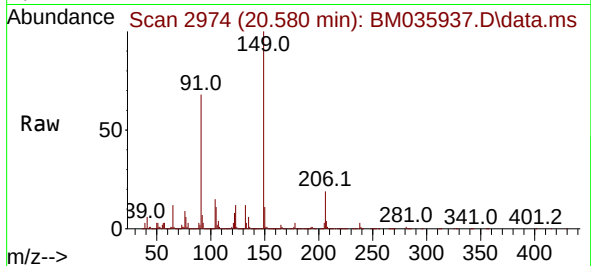




#83
 Butylbenzylphthalate
 Concen: 38.754 ng/ul
 RT: 20.580 min Scan# 2974
 Delta R.T. 0.000 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

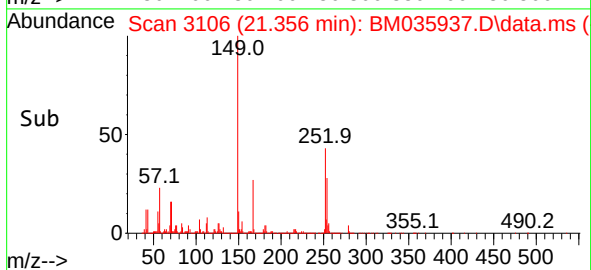
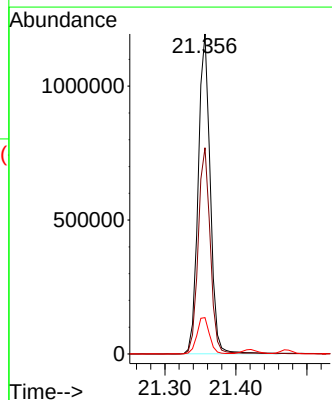
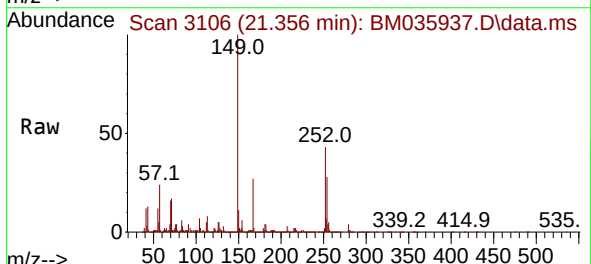
Instrument :
 BNA_M
 ClientSampleId :

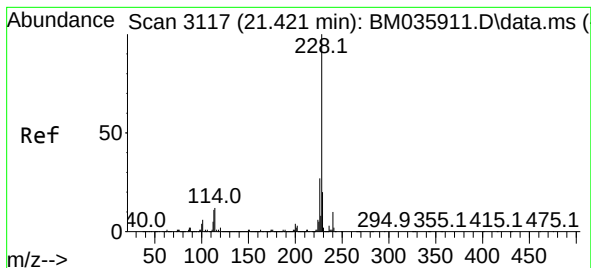
Tgt Ion:149 Resp: 1948094
 Ion Ratio Lower Upper
 149 100
 91 67.9 53.2 79.8
 206 18.9 16.0 24.0



#84
 3,3'-Dichlorobenzidine
 Concen: 37.749 ng/ul
 RT: 21.356 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

Tgt Ion:252 Resp: 1410613
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.4 78.6
 126 11.3 10.8 16.2





#85

Benzo(a)anthracene

Concen: 36.817 ng/ul

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Instrument :

BNA_M

ClientSampleId :

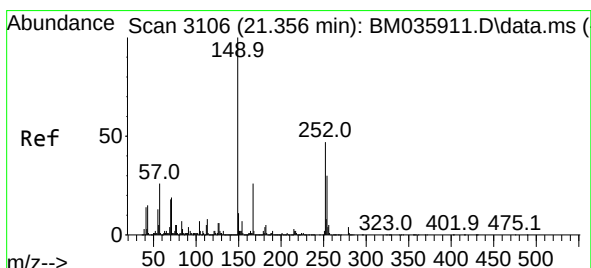
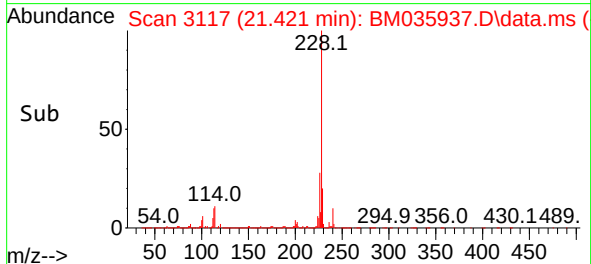
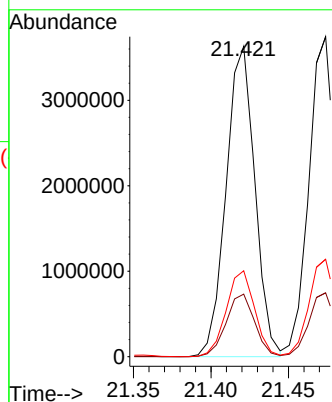
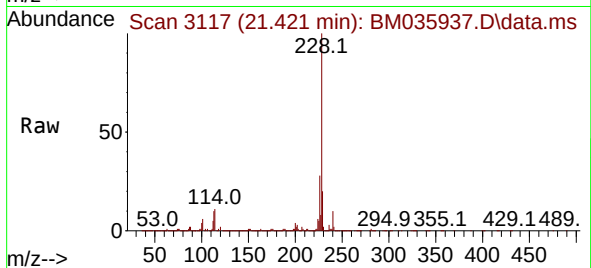
Tgt Ion:228 Resp: 4692665

Ion Ratio Lower Upper

228 100

229 20.1 15.6 23.4

226 27.7 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.294 ng/ul

RT: 21.356 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

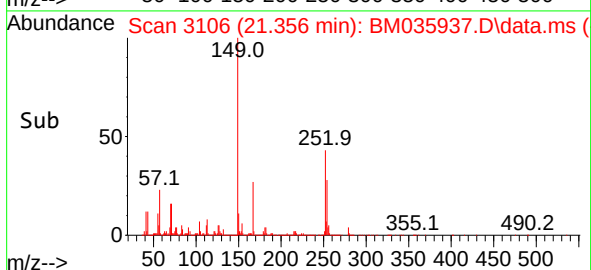
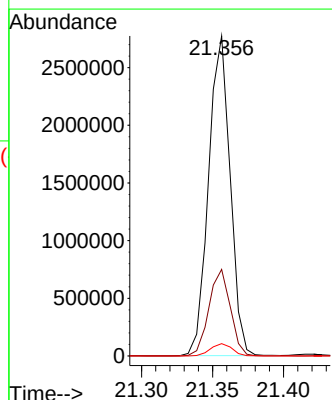
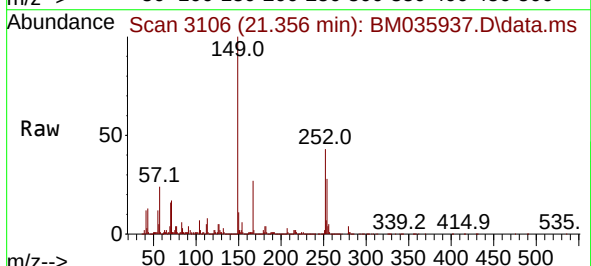
Tgt Ion:149 Resp: 2926680

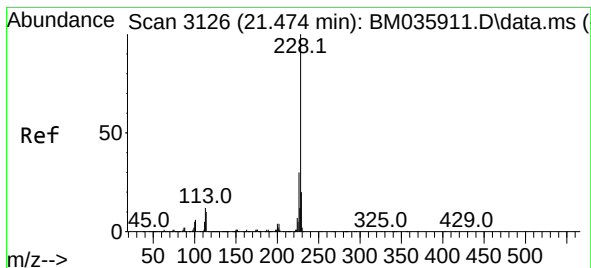
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 3.9 3.4 5.2





#87

Chrysene

Concen: 36.856 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. 0.000 min

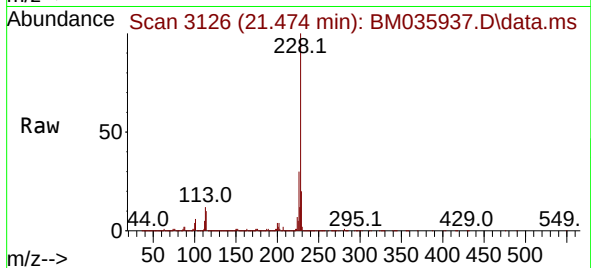
Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Instrument :

BNA_M

ClientSampleId :



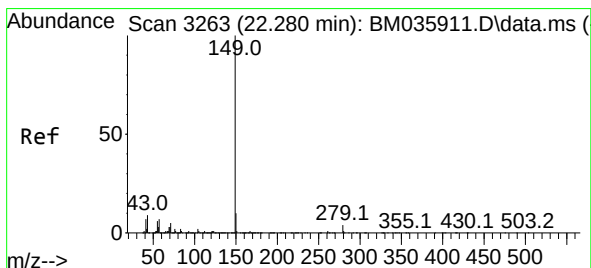
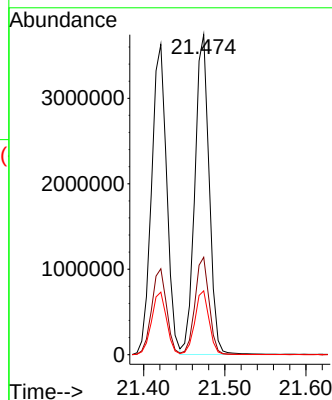
Tgt Ion:228 Resp: 4583561

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 37.138 ng/ul

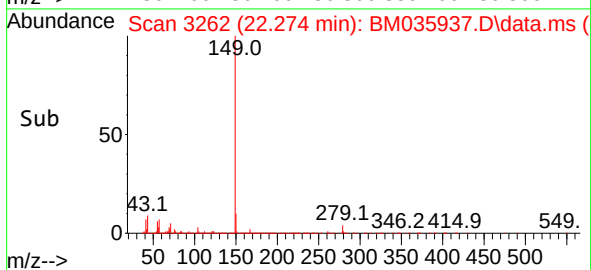
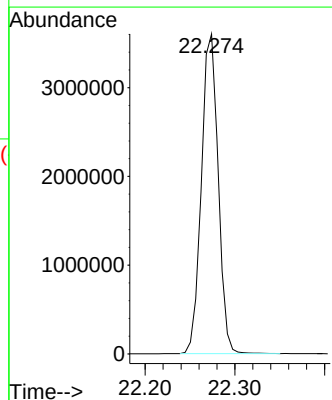
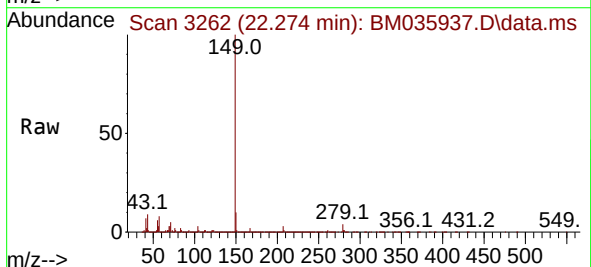
RT: 22.274 min Scan# 3262

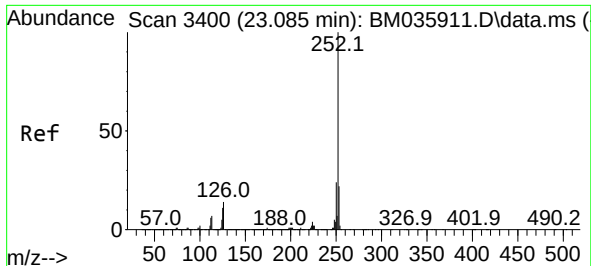
Delta R.T. -0.006 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Tgt Ion:149 Resp: 4673463

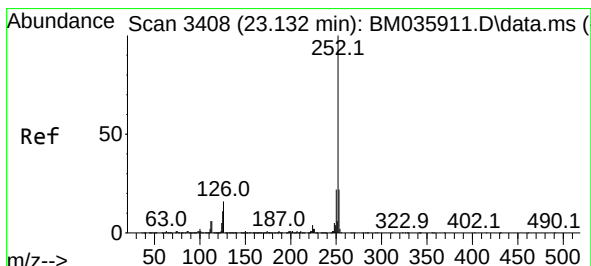
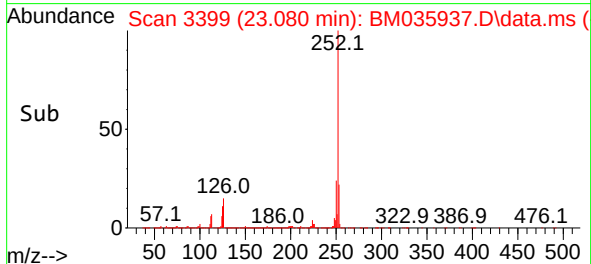
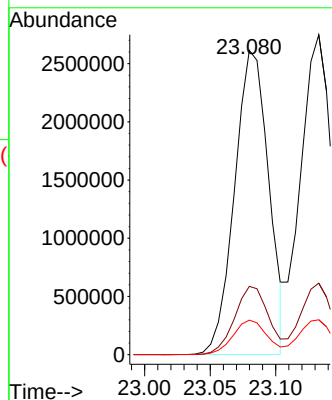
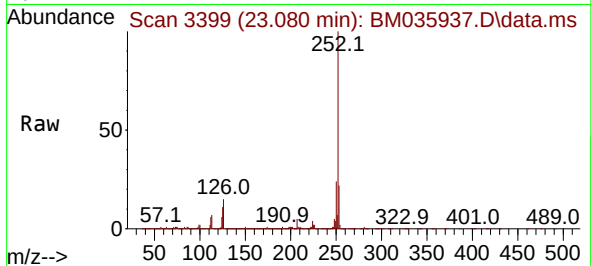




#90
Benzo(b)fluoranthene
Concen: 36.361 ng/ul
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

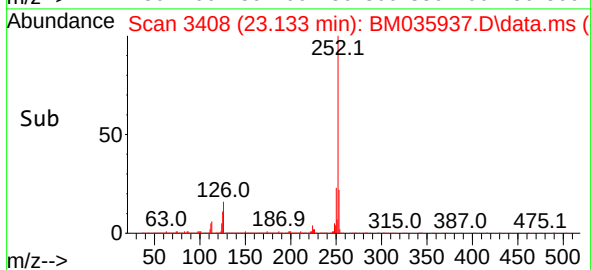
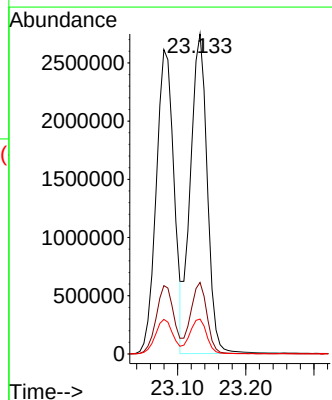
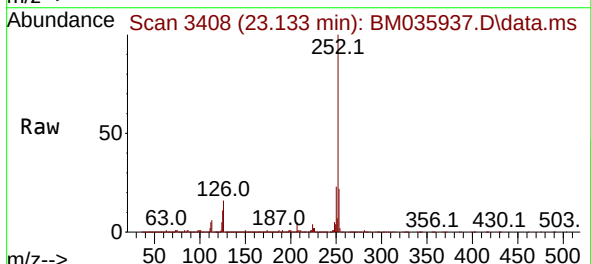
Instrument :
BNA_M
ClientSampleId :

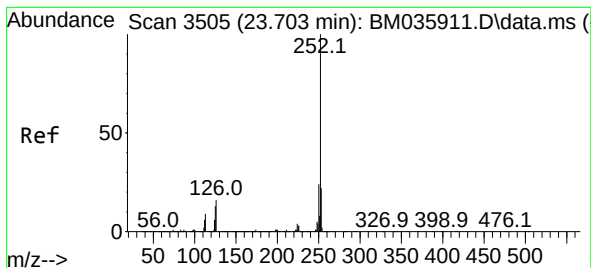
Tgt Ion:252 Resp: 4728804
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.3 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 38.015 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BM035937.D
Acq: 26 Jul 2022 21:59

Tgt Ion:252 Resp: 4691442
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.9 10.6 15.8





#93

Benzo(a)pyrene

Concen: 37.005 ng/ul

RT: 23.703 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

Instrument :

BNA_M

ClientSampleId :

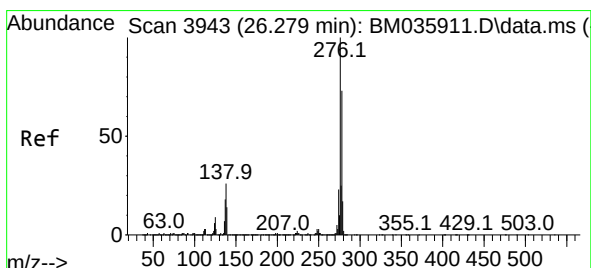
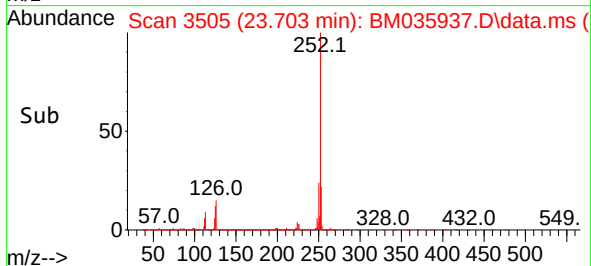
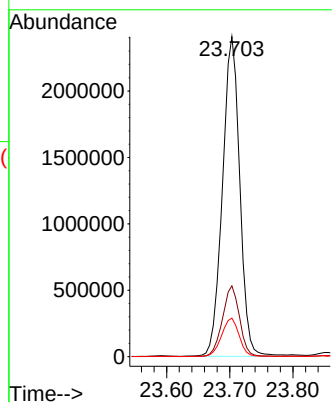
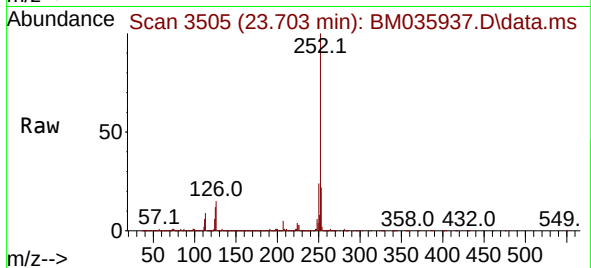
Tgt Ion:252 Resp: 4583930

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.0 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.133 ng/ul

RT: 26.274 min Scan# 3942

Delta R.T. -0.006 min

Lab File: BM035937.D

Acq: 26 Jul 2022 21:59

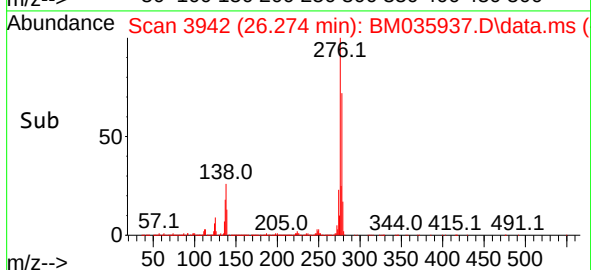
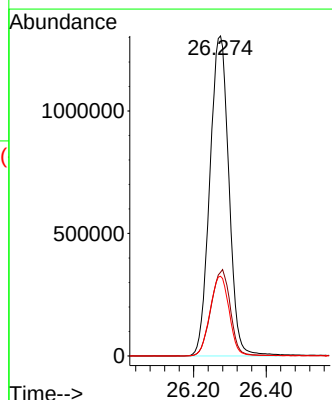
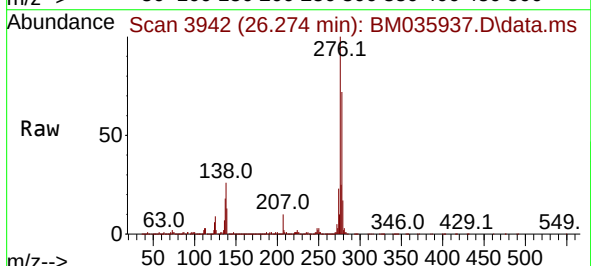
Tgt Ion:276 Resp: 4770922

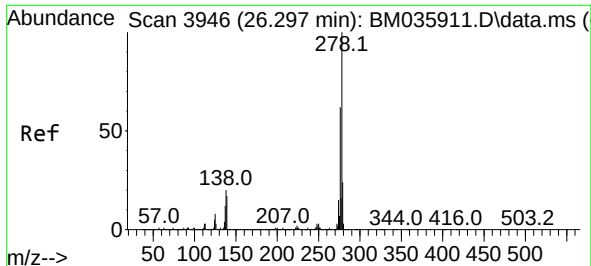
Ion Ratio Lower Upper

276 100

138 26.2 25.6 38.4

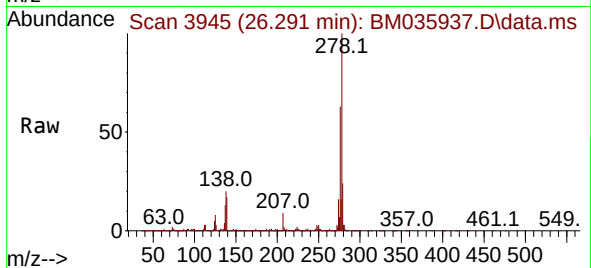
277 24.9 20.1 30.1





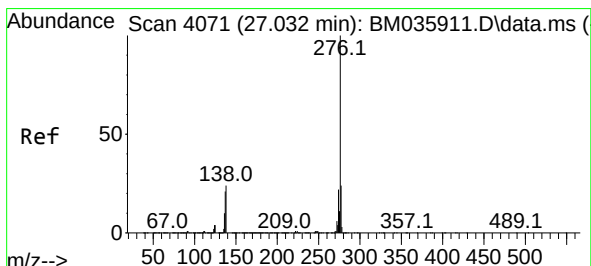
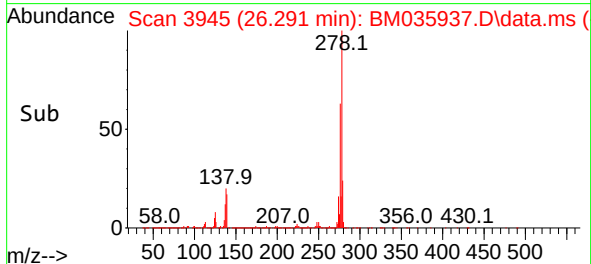
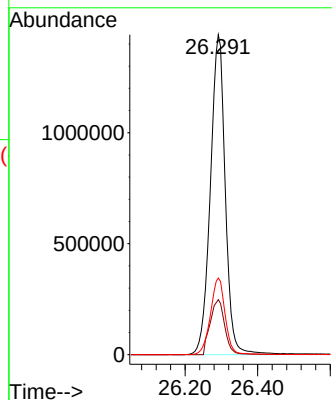
#95
 Dibenzo(a,h)anthracene
 Concen: 36.343 ng/ul
 RT: 26.291 min Scan# 3945
 Delta R.T. -0.006 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 4116868

Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.2	24.2
279	24.0	18.7	28.1



#96
 Benzo(g,h,i)perylene
 Concen: 31.647 ng/ul
 RT: 27.027 min Scan# 4070
 Delta R.T. -0.006 min
 Lab File: BM035937.D
 Acq: 26 Jul 2022 21:59

Tgt Ion:276 Resp: 3462710

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.3	31.9
277	24.2	18.6	28.0

