

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048069.D
 Acq On : 15 Oct 2024 20:25
 Operator : RC/JU
 Sample : P4350-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 15 23:03:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	290773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1198297	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	743463	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1863496	20.000	ng/ul	0.09
79) Chrysene-d12	21.386	240	1237156	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1428932	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	31820	3.536	ng/uL	0.00
4) Pyridine-d5	3.652	84	462760	17.565	ng/ul	0.00
7) Phenol-d5	6.957	99	649323	23.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	901	0.046	ng/ul	0.08
11) 2-Chlorophenol-d4	7.316	132	543038	27.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	529134	25.884	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	271286	28.434	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	309174	33.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	559303	30.622	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	702808	24.890	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1502670	27.878	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1745564	27.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	212750	19.824	ng/ul	0.01
60) Fluorene-d10	15.410	176	1255705	26.896	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	434	0.040	ng/ul	0.11
73) Anthracene-d10	17.257	188	1865202	20.356	ng/ul	0.00
81) Pyrene-d10	19.551	212	2157392	30.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	2125116	28.664	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	96803	9.850	ng/uL	86
5) Pyridine	3.669	79	664991	23.976	ng/ul	87
6) Benzaldehyde	6.922	77	406161	27.163	ng/ul	86
10) Bis(2-Chloroethyl)ether	7.204	93	689285	29.568	ng/ul	87
12) 2-Chlorophenol	7.345	128	727290	34.318	ng/ul	92
13) 2-Methylphenol	8.228	108	666259	32.660	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.298	45	1007190	22.951	ng/ul#	94
16) Acetophenone	8.604	105	1057416	30.230	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.587	70	515660	27.833	ng/ul#	86
18) 4-Methylphenol	8.557	108	733518	31.996	ng/ul	97
19) Hexachloroethane	8.857	117	297583	31.240	ng/ul#	84
22) Nitrobenzene	8.981	77	779330	28.755	ng/ul#	87
23) Isophorone	9.510	82	1530669	31.571	ng/ul#	94
25) 2-Nitrophenol	9.687	139	426231	40.750	ng/ul#	84
26) 2,4-Dimethylphenol	9.757	107	610752	27.251	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.986	93	939013	31.666	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	704685	37.365	ng/ul	98
30) Naphthalene	10.622	128	2297429	33.331	ng/ul	99
32) 4-Chloroaniline	10.733	127	709810	25.529	ng/ul	100
33) Hexachlorobutadiene	10.910	225	442281	35.493	ng/ul	98
34) Caprolactam	11.522	113	226489	37.550	ng/ul#	70
35) 4-Chloro-3-methylphenol	11.869	107	705730	36.149	ng/ul	94
36) 2-Methylnaphthalene	12.233	142	1547860	35.343	ng/ul	97
37) 1-Methylnaphthalene	12.457	142	1539029	34.540	ng/ul	99

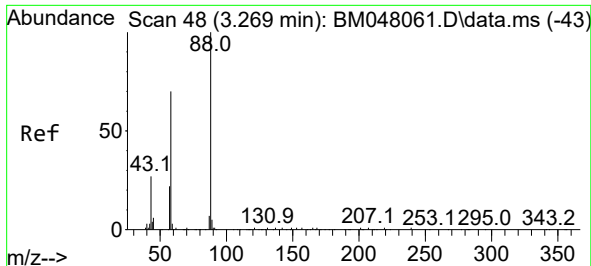
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.610	216	825949	34.128	ng/ul#	97
40) Hexachlorocyclopentadiene	12.586	237	395794	27.039	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	533234	38.080	ng/ul	98
42) 2,4,5-Trichlorophenol	12.927	196	578307	37.767	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1964136	32.996	ng/ul	97
44) 2-Chloronaphthalene	13.292	162	1563081	33.952	ng/ul	96
45) 2-Nitroaniline	13.498	65	435873	29.825	ng/ul#	72
47) Dimethylphthalate	13.874	163	1891456	34.649	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	400799	41.807	ng/ul#	78
50) Acenaphthylene	14.139	152	2450640	34.002	ng/ul	99
51) 3-Nitroaniline	14.327	138	418076	36.032	ng/ul	84
52) Acenaphthene	14.480	153	1640903	32.207	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	237353	40.067	ng/ul#	73
55) 4-Nitrophenol	14.645	109	248846	27.617	ng/ul	84
56) Dibenzofuran	14.816	168	2281147	33.262	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	570464	39.619	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.045	232	453543	37.576	ng/ul#	97
59) Diethylphthalate	15.239	149	1899311	34.774	ng/ul	98
61) Fluorene	15.468	166	1774386	31.012	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	887085	32.811	ng/ul	95
63) 4-Nitroaniline	15.492	138	429464	38.111	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.551	198	342185	28.319	ng/ul#	85
67) N-Nitrosodiphenylamine	15.674	169	1518995	26.159	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	559264	29.115	ng/ul	96
69) Hexachlorobenzene	16.474	284	653513	29.235	ng/ul#	90
70) Atrazine	16.627	200	368328	19.055	ng/ul	99
71) Pentachlorophenol	16.815	266	387842	27.286	ng/ul	98
72) Phenanthrene	17.292	178	2779892	25.438	ng/ul	99
74) Anthracene	17.292	178	2774819	24.895	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	791959	25.668	ng/uL	99
76) Pentachlorobenzene	14.739	250	759935	25.233	ng/uL	98
77) Carbazole	17.562	167	2579619	25.533	ng/ul	98
78) Di-n-butylphthalate	18.121	149	3357860	29.854	ng/ul#	99
80) Fluoranthene	19.215	202	3171457	38.351	ng/ul	99
82) Pyrene	19.574	202	3309144	35.953	ng/ul	98
83) Butylbenzylphthalate	20.468	149	1502833	46.185	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.292	252	959602	36.708	ng/ul	98
85) Benzo(a)anthracene	21.368	228	3151097	36.378	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	2125181	43.501	ng/ul	97
87) Chrysene	21.433	228	2941874	34.837	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3814449	41.386	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	3170845	35.583	ng/ul	99
91) Benzo(k)fluoranthene	23.503	252	3175127	34.846	ng/ul	98
93) Benzo(a)pyrene	24.250	252	2859479	33.787	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.774	276	3782161	34.873	ng/ul	100
95) Dibenzo(a,h)anthracene	27.821	278	3087807	34.741	ng/ul	99
96) Benzo(g,h,i)perylene	28.832	276	2961078	34.846	ng/ul	98

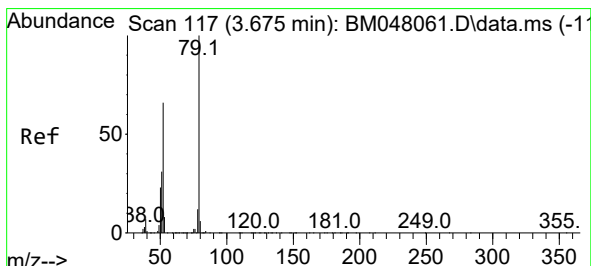
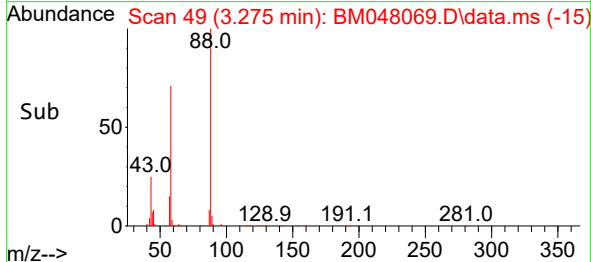
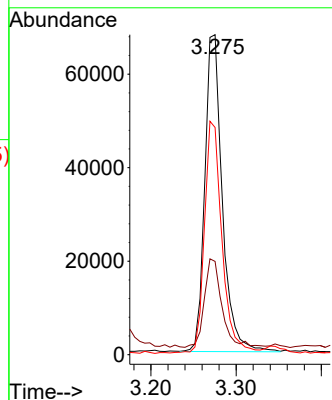
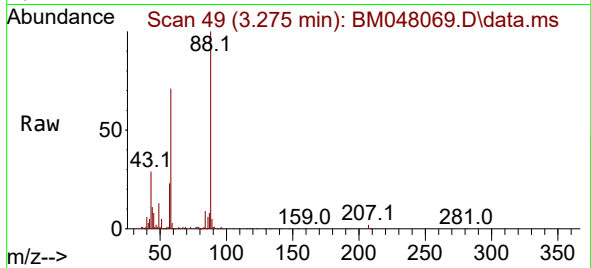
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#2
1,4-Dioxane
Concen: 9.850 ng/uL
RT: 3.275 min Scan# 49
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

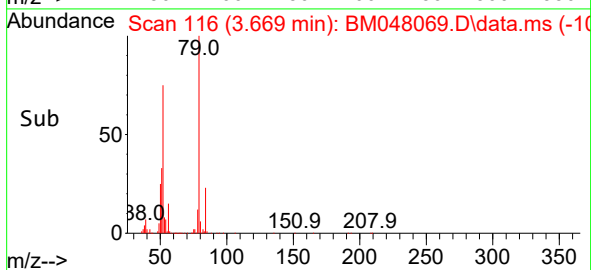
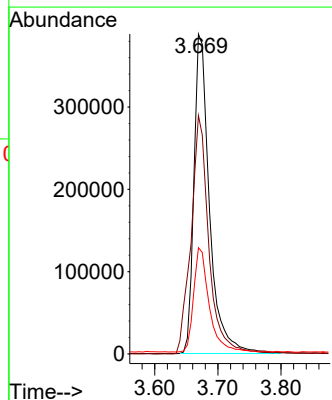
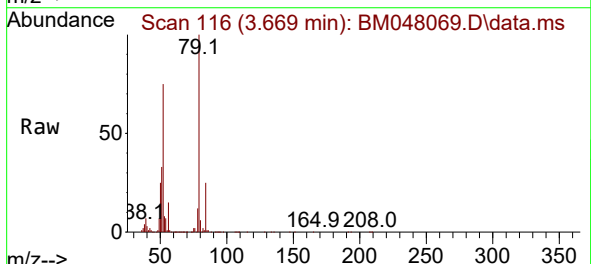
Instrument :
BNA_M
ClientSampleId :

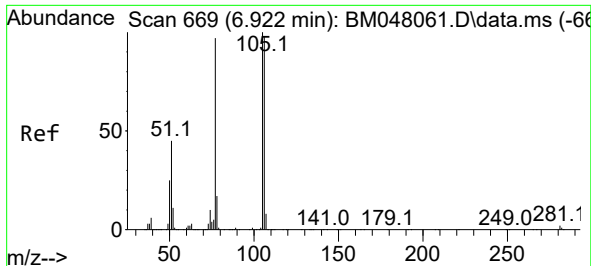
Tgt Ion: 88 Resp: 96803
Ion Ratio Lower Upper
88 100
43 29.2 29.1 43.7
58 71.0 67.7 101.5



#5
Pyridine
Concen: 23.976 ng/uL
RT: 3.669 min Scan# 116
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion: 79 Resp: 664991
Ion Ratio Lower Upper
79 100
52 74.5 69.4 104.2
51 33.2 32.6 49.0

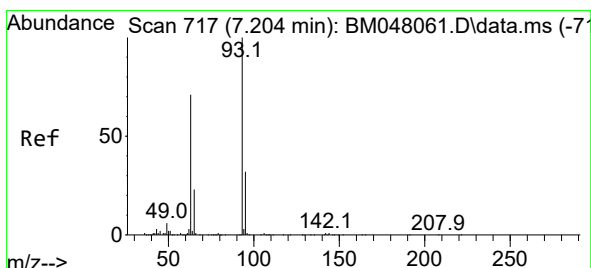
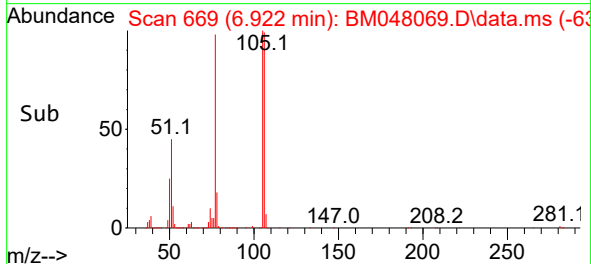
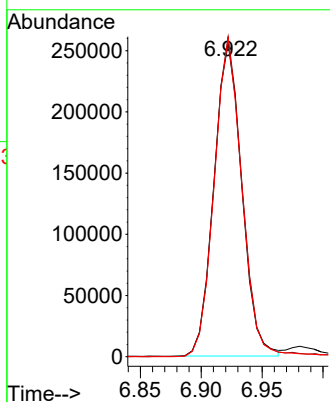
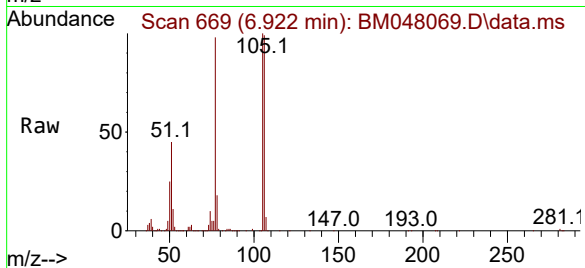




#6
Benzaldehyde
Concen: 27.163 ng/ul
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

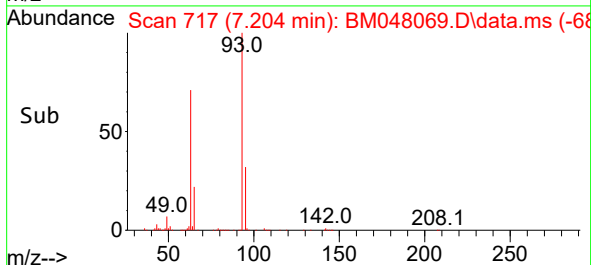
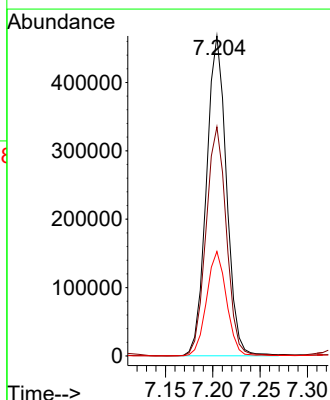
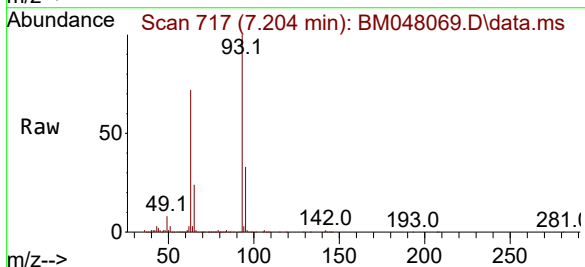
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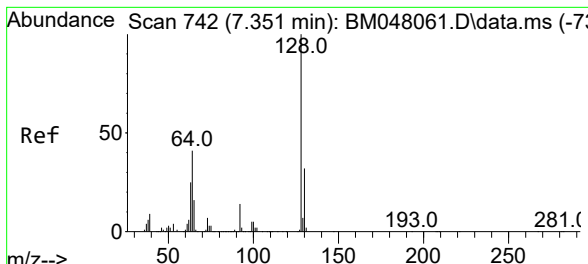
Tgt Ion: 77 Resp: 406161
Ion Ratio Lower Upper
77 100
105 102.3 72.2 108.2
106 101.7 70.7 106.1



#10
Bis(2-Chloroethyl)ether
Concen: 29.568 ng/ul
RT: 7.204 min Scan# 717
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion: 93 Resp: 689285
Ion Ratio Lower Upper
93 100
63 71.6 69.4 104.2
95 32.6 25.0 37.6

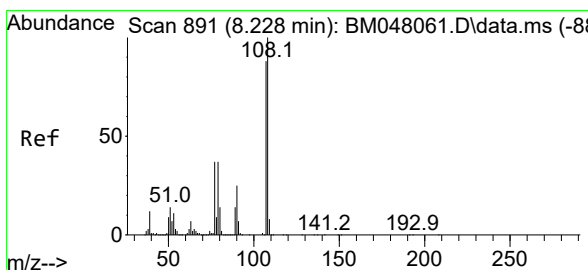
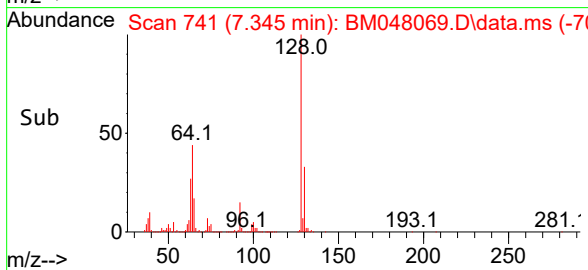
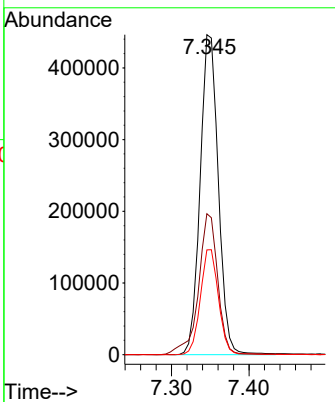
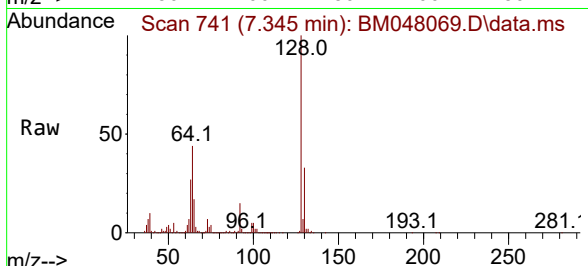




#12
 2-Chlorophenol
 Concen: 34.318 ng/ul
 RT: 7.345 min Scan# 741
 Delta R.T. -0.012 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

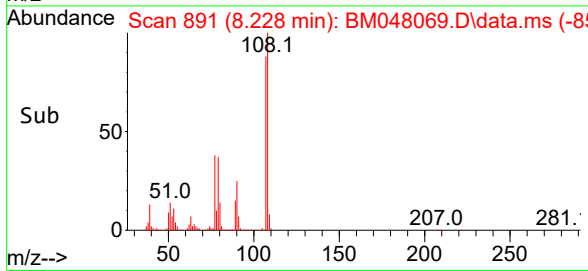
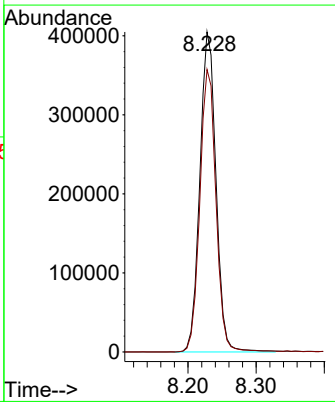
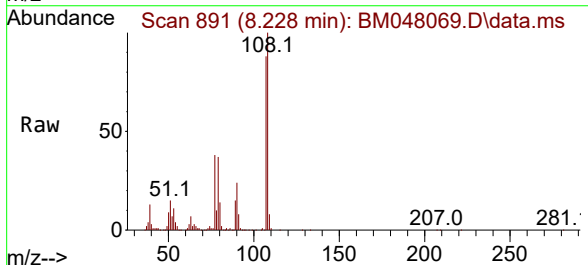
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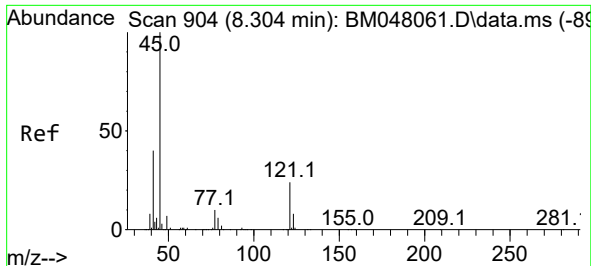
Tgt Ion:	128	Resp:	727290
Ion Ratio	Lower	Upper	
128	100		
64	44.1	42.7	64.1
130	32.8	26.0	39.0



#13
 2-Methylphenol
 Concen: 32.660 ng/ul
 RT: 8.228 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

Tgt Ion:	108	Resp:	666259
Ion Ratio	Lower	Upper	
108	100		
107	88.3	69.3	103.9

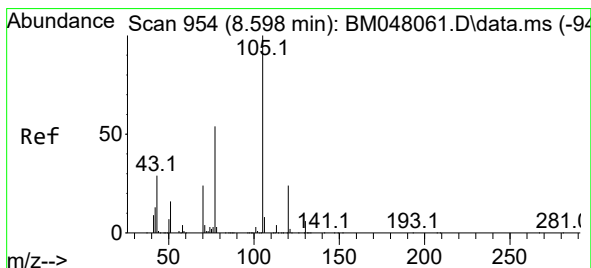
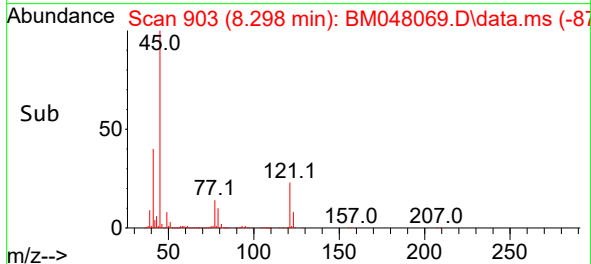
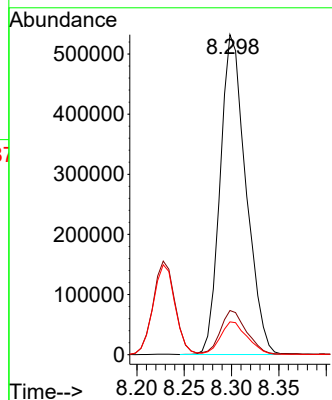
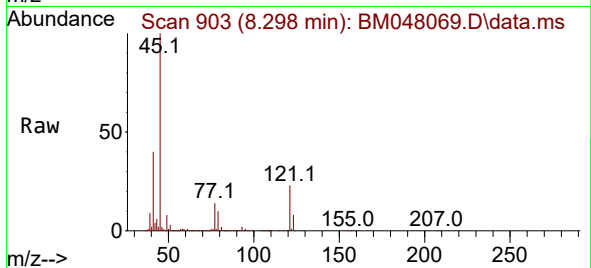




#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.951 ng/ul
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

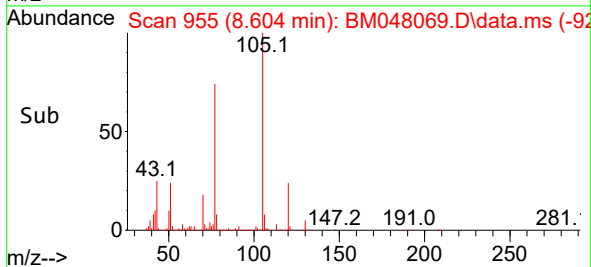
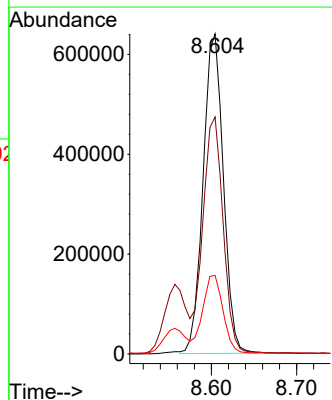
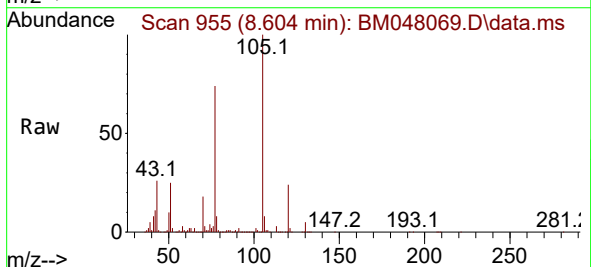
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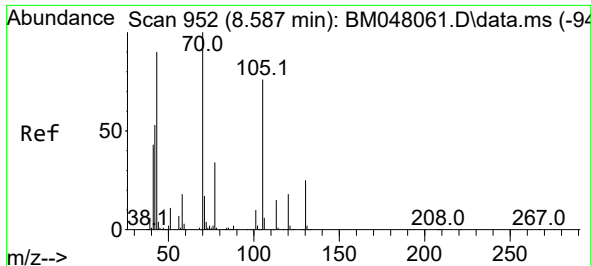
Tgt Ion: 45 Resp: 1007190
Ion Ratio Lower Upper
45 100
77 13.8 9.0 13.6#
79 10.2 6.5 9.7#



#16
Acetophenone
Concen: 30.230 ng/ul
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:105 Resp: 1057416
Ion Ratio Lower Upper
105 100
77 74.0 66.6 100.0
51 24.5 27.0 40.4#

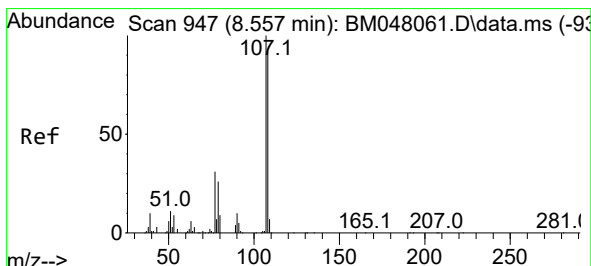
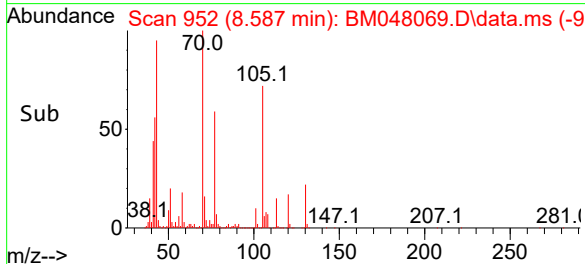
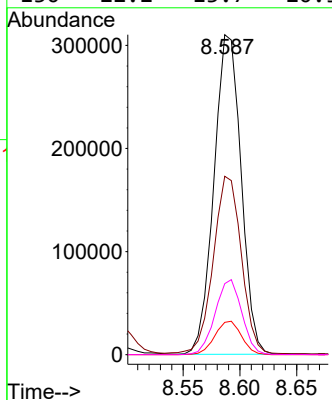
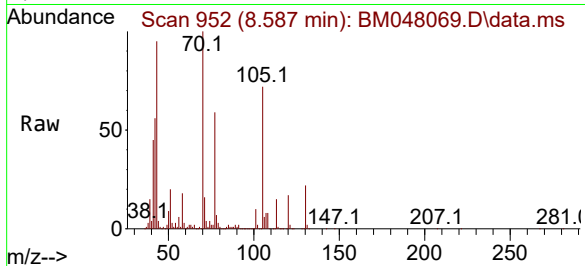




#17
N-Nitroso-di-n-propylamine
Concen: 27.833 ng/ul
RT: 8.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

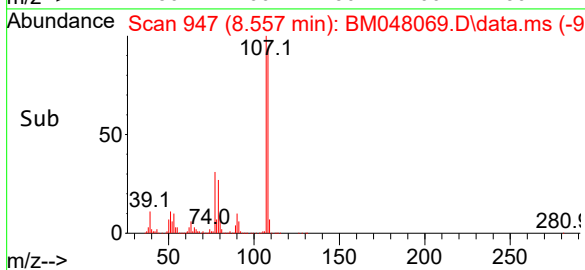
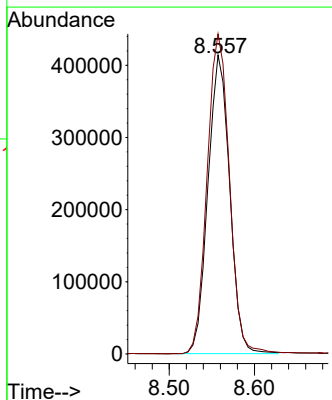
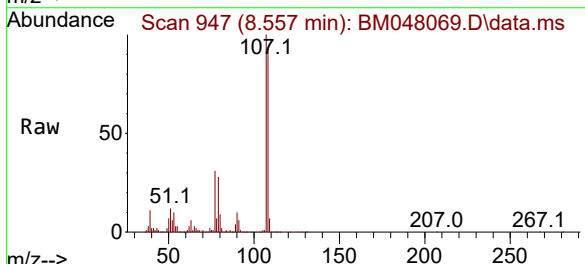
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BNA_M
ClientSampleId :

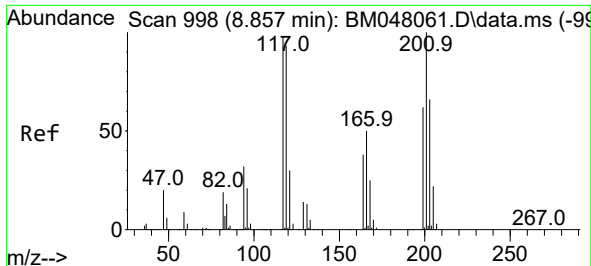
Tgt Ion: 70 Resp: 515660
Ion Ratio Lower Upper
70 100
42 55.7 55.3 82.9
101 10.1 6.8 10.2
130 22.2 13.7 20.5#



#18
4-Methylphenol
Concen: 31.996 ng/ul
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

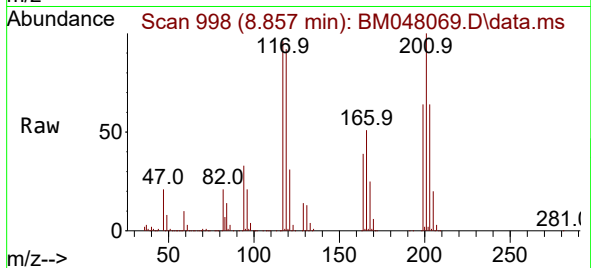
Tgt Ion: 108 Resp: 733518
Ion Ratio Lower Upper
108 100
107 107.1 88.4 132.6



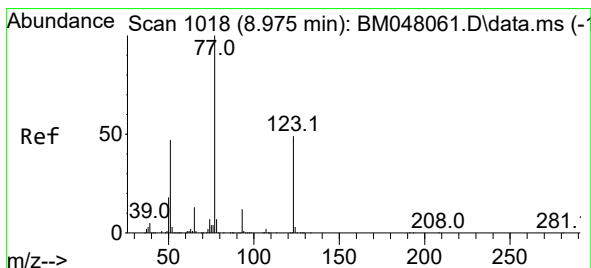
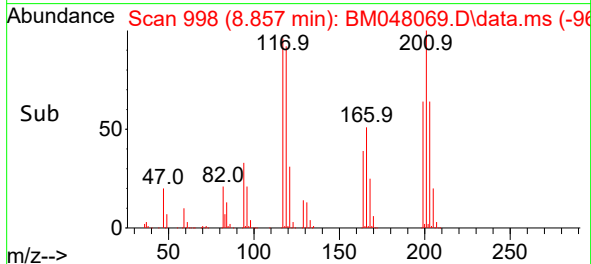
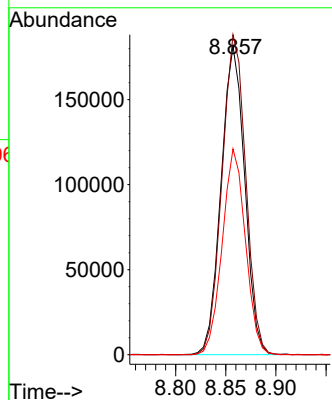


#19
Hexachloroethane
Concen: 31.240 ng/ul
RT: 8.857 min Scan# 998
Delta R.T. -0.012 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Instrument :
BNA_M
ClientSampleId :

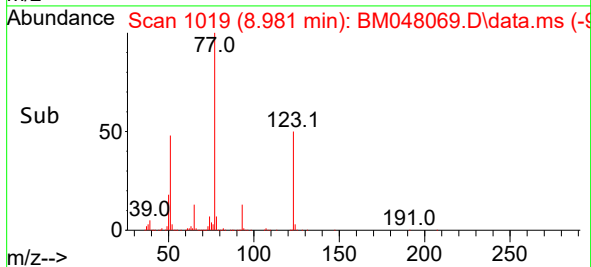
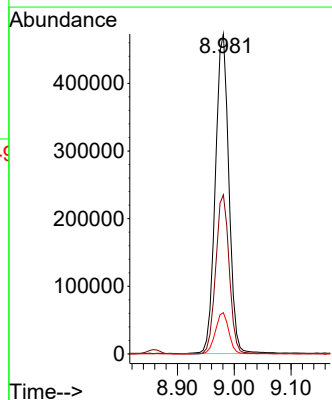
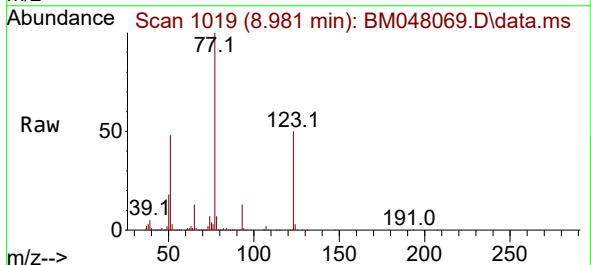


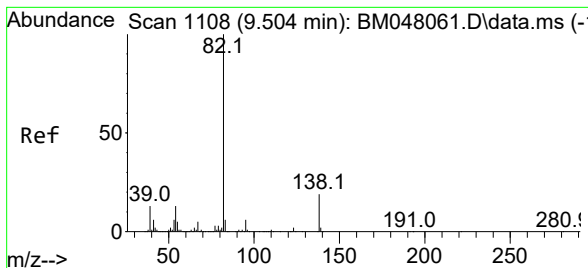
Tgt Ion:117 Resp: 297583
Ion Ratio Lower Upper
117 100
201 103.7 71.0 106.6
199 66.7 44.2 66.4#



#22
Nitrobenzene
Concen: 28.755 ng/ul
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion: 77 Resp: 779330
Ion Ratio Lower Upper
77 100
123 49.7 31.7 47.5#
65 12.9 11.1 16.7





#23

Isophorone

Concen: 31.571 ng/ul

RT: 9.510 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

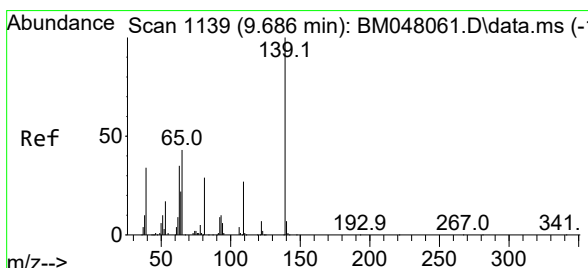
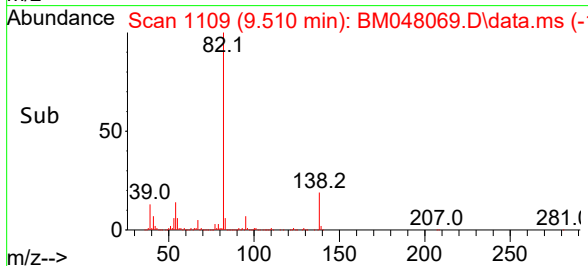
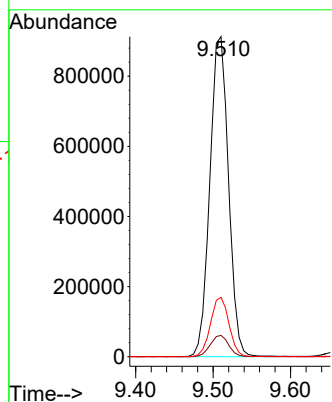
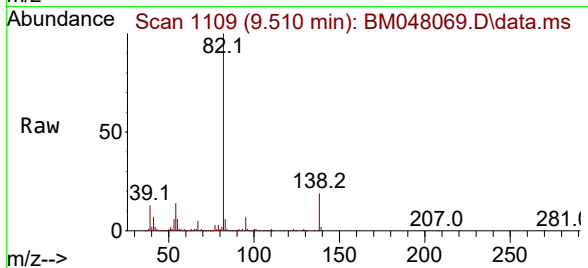
Tgt Ion: 82 Resp: 1530669

Ion Ratio Lower Upper

82 100

95 6.6 4.9 7.3

138 18.5 12.0 18.0#



#25

2-Nitrophenol

Concen: 40.750 ng/ul

RT: 9.687 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

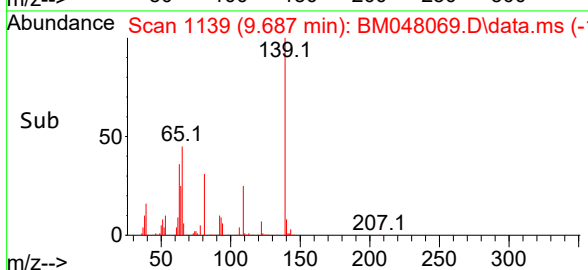
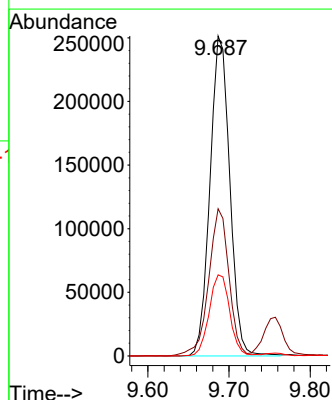
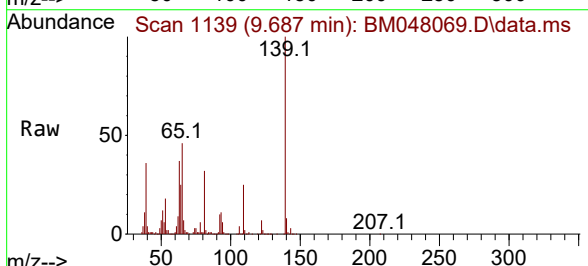
Tgt Ion:139 Resp: 426231

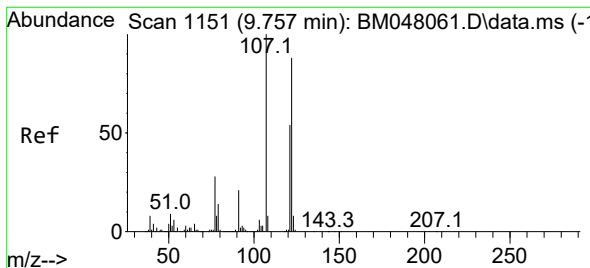
Ion Ratio Lower Upper

139 100

65 46.0 49.6 74.4#

109 25.4 23.4 35.2

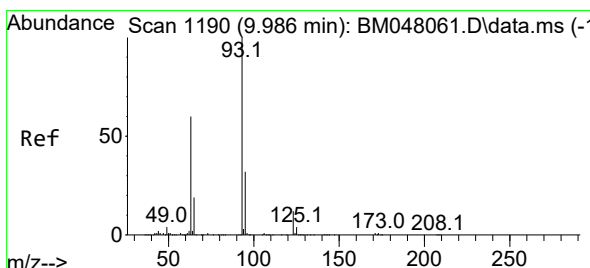
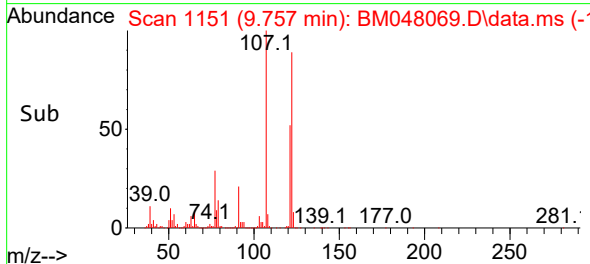
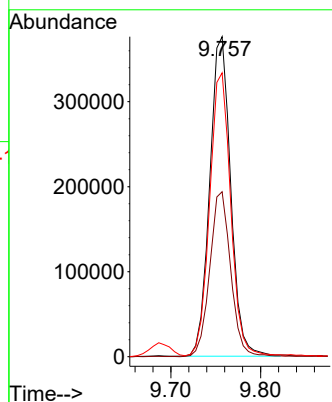
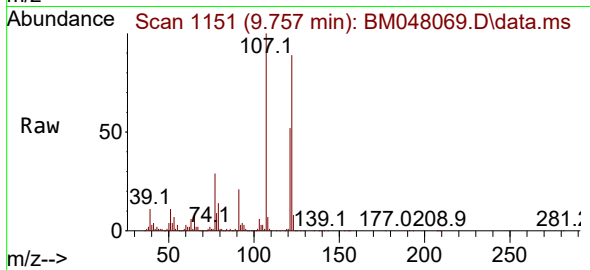




#26
 2,4-Dimethylphenol
 Concen: 27.251 ng/ul
 RT: 9.757 min Scan# 1151
 Delta R.T. 0.000 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

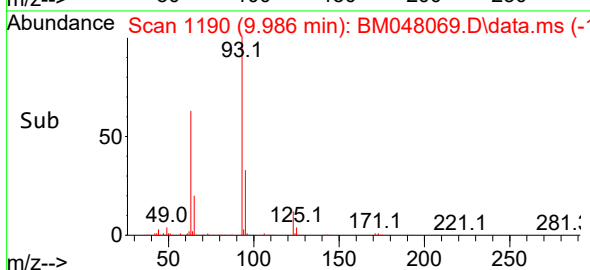
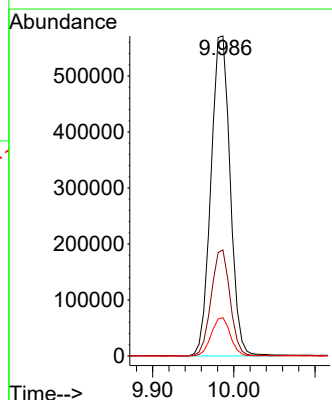
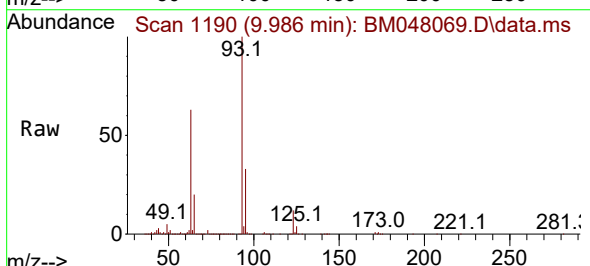
Instrument :
 BNA_M
 ClientSampleId :

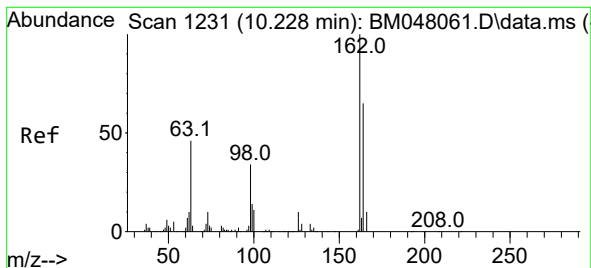
Tgt Ion:107 Resp: 610752
 Ion Ratio Lower Upper
 107 100
 121 51.6 37.8 56.8
 122 88.7 65.4 98.0



#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.666 ng/ul
 RT: 9.986 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

Tgt Ion: 93 Resp: 939013
 Ion Ratio Lower Upper
 93 100
 95 33.1 27.1 40.7
 123 12.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 37.365 ng/ul

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

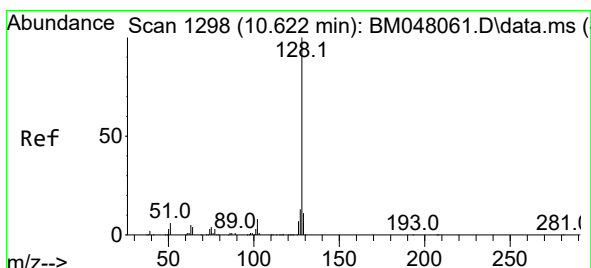
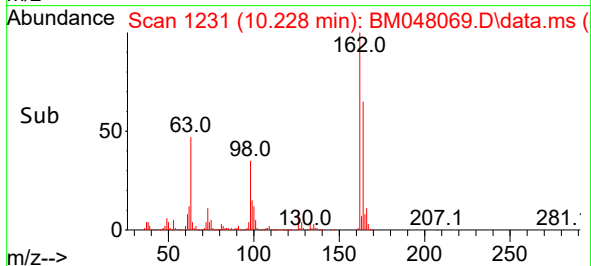
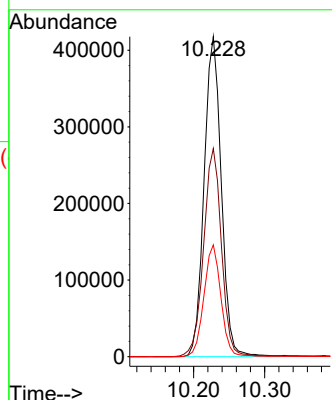
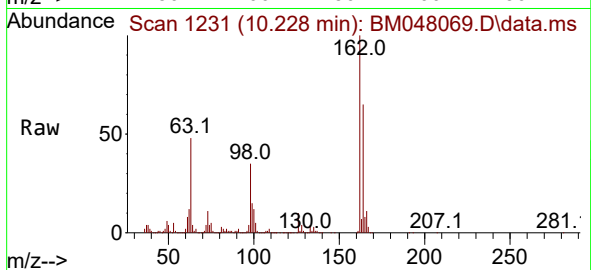
Tgt Ion:162 Resp: 704685

Ion Ratio Lower Upper

162 100

164 65.0 52.2 78.2

98 35.0 30.6 46.0



#30

Naphthalene

Concen: 33.331 ng/ul

RT: 10.622 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

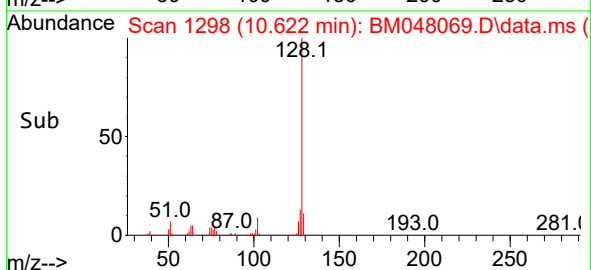
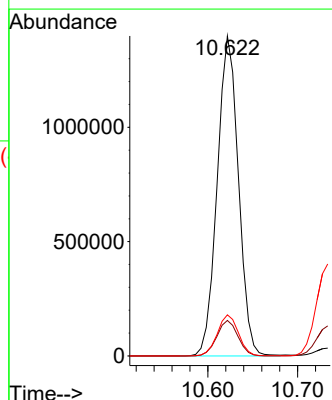
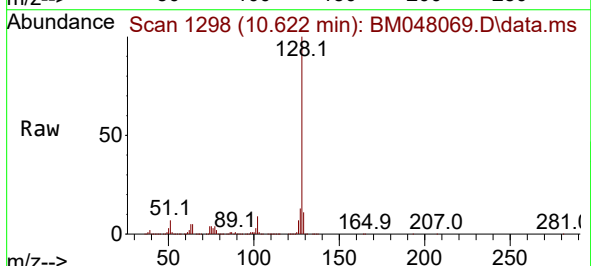
Tgt Ion:128 Resp: 2297429

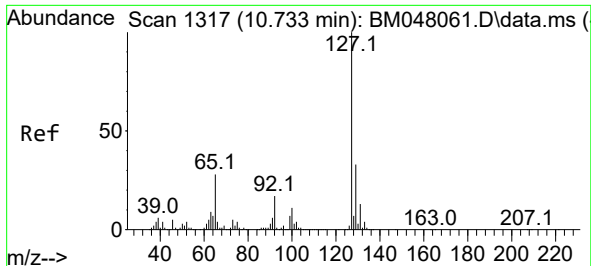
Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 12.9 10.4 15.6

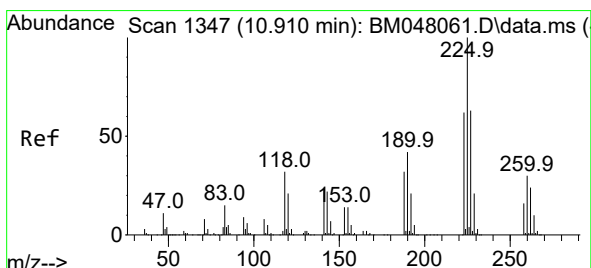
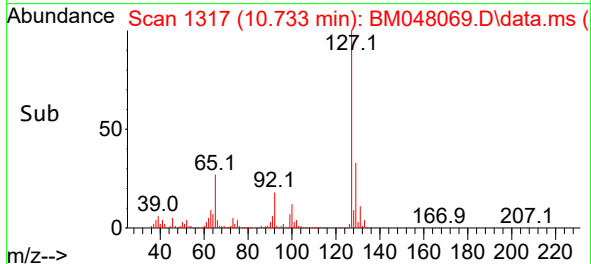
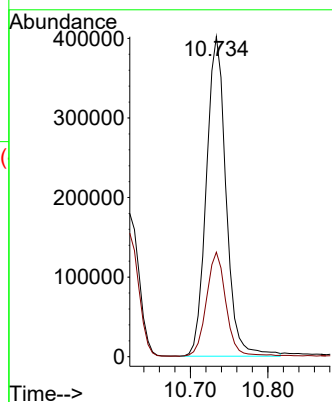
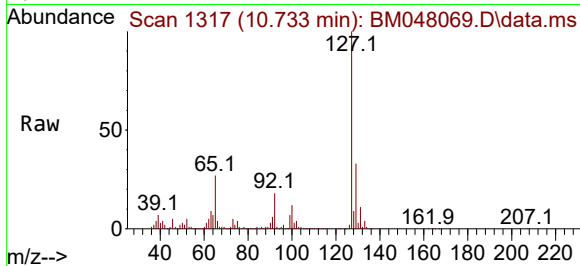




#32
4-Chloroaniline
Concen: 25.529 ng/ul
RT: 10.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

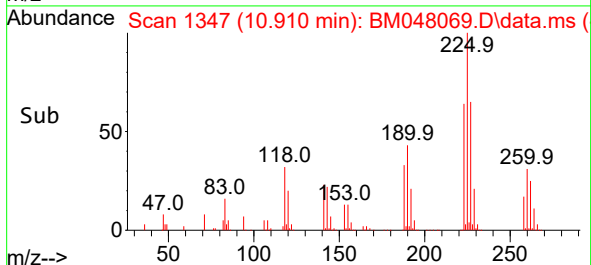
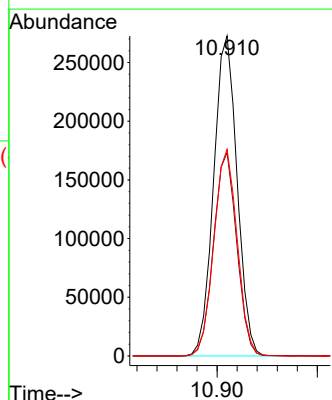
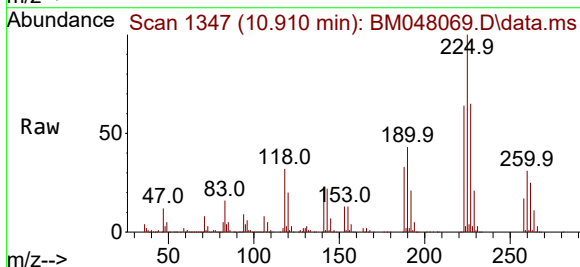
Instrument :
BNA_M
ClientSampleId :

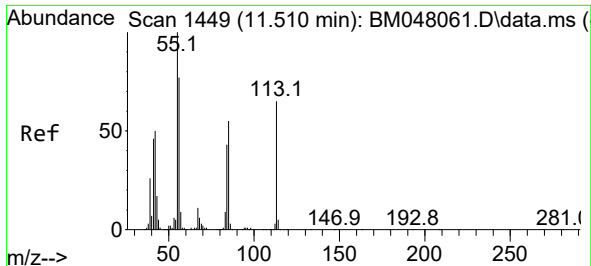
Tgt Ion:127 Resp: 709810
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9



#33
Hexachlorobutadiene
Concen: 35.493 ng/ul
RT: 10.910 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:225 Resp: 442281
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 64.6 49.1 73.7

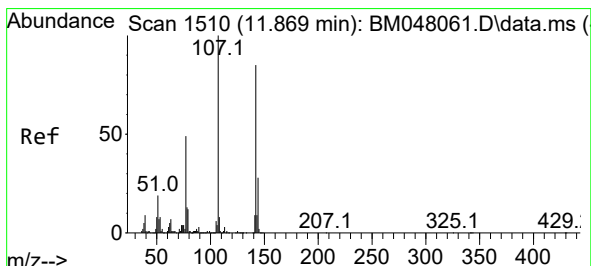
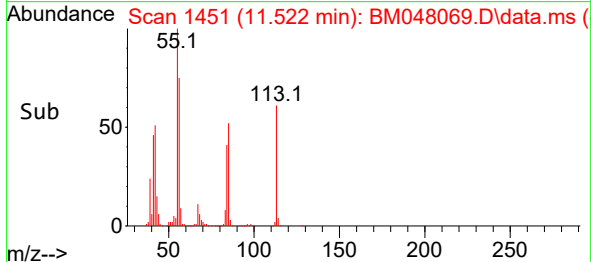
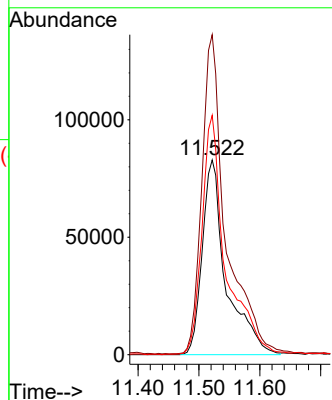
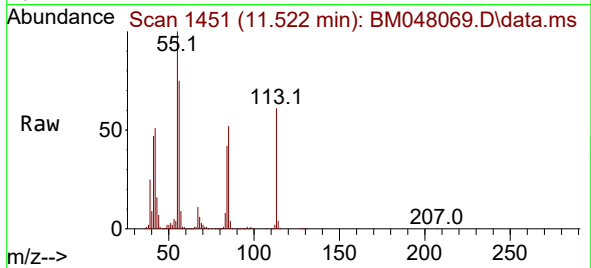




#34
Caprolactam
Concen: 37.550 ng/ul
RT: 11.522 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

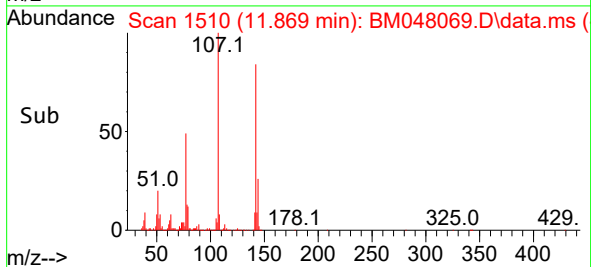
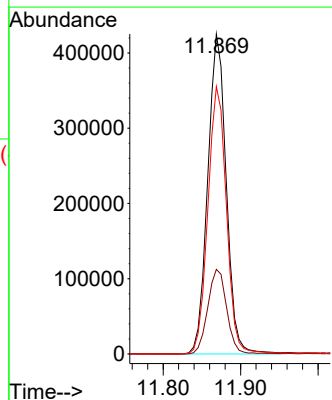
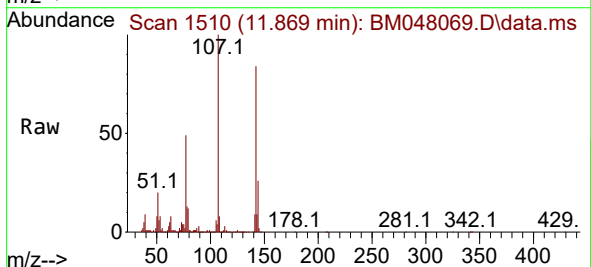
Instrument :
BNA_M
ClientSampleId :

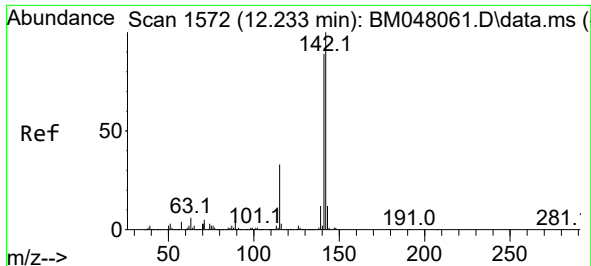
Tgt Ion:113 Resp: 226489
Ion Ratio Lower Upper
113 100
55 164.3 167.9 251.9#
56 122.9 131.3 196.9#



#35
4-Chloro-3-methylphenol
Concen: 36.149 ng/ul
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:107 Resp: 705730
Ion Ratio Lower Upper
107 100
144 26.5 18.7 28.1
142 83.6 62.7 94.1

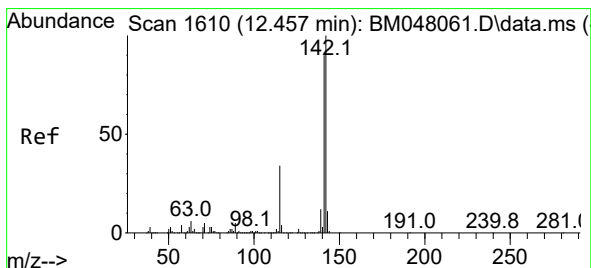
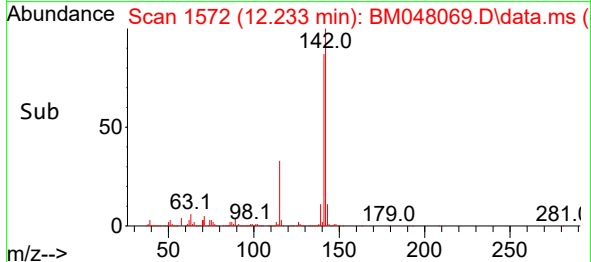
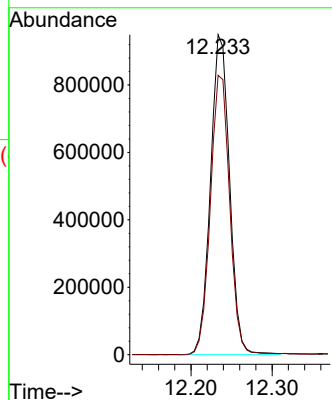
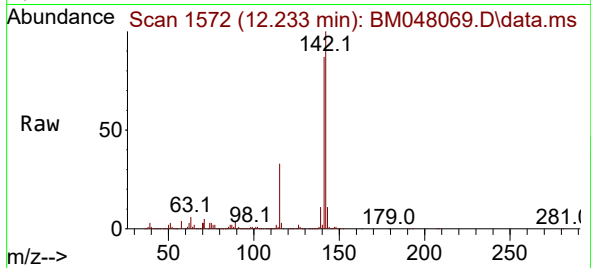




#36
2-Methylnaphthalene
Concen: 35.343 ng/ul
RT: 12.233 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

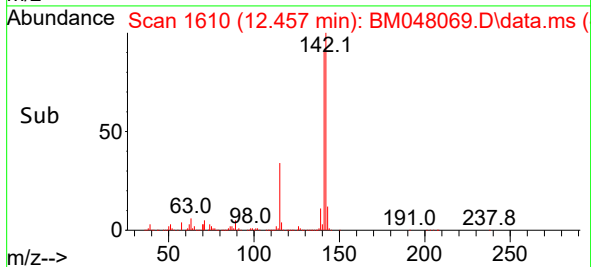
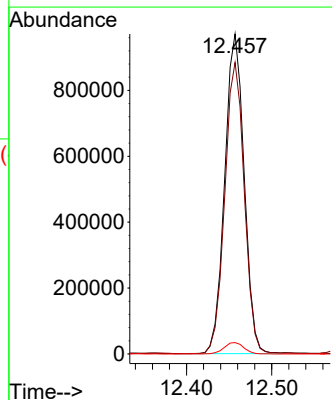
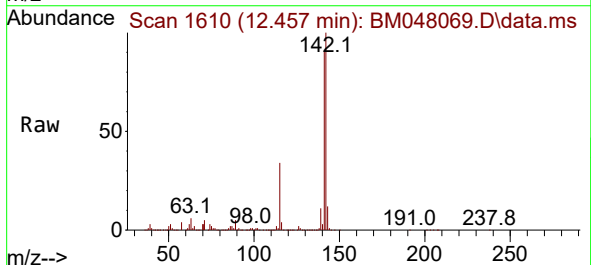
Instrument :
BNA_M
ClientSampleId :

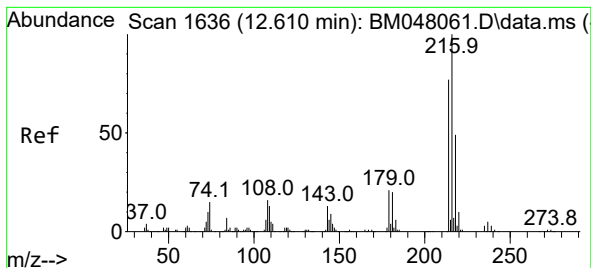
Tgt Ion:142 Resp: 1547860
Ion Ratio Lower Upper
142 100
141 87.3 72.5 108.7



#37
1-Methylnaphthalene
Concen: 34.540 ng/ul
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

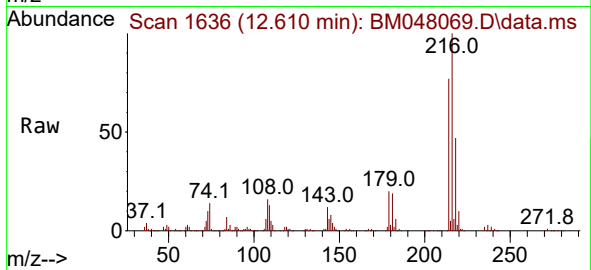
Tgt Ion:142 Resp: 1539029
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2
116 3.6 3.0 4.6



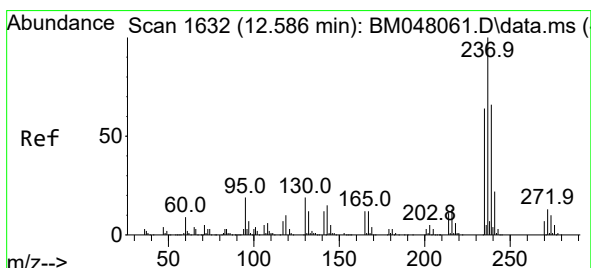
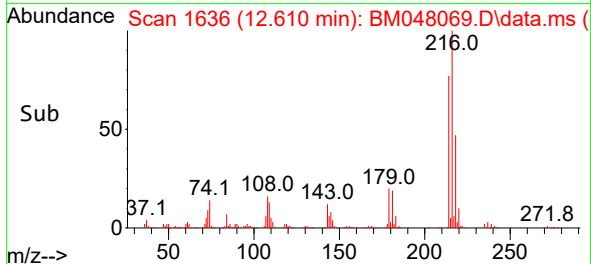
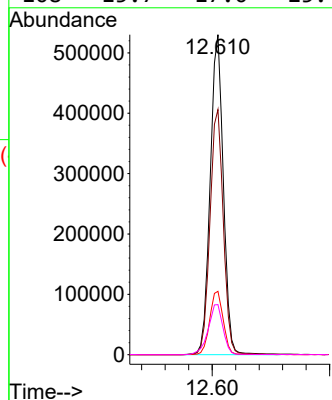


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.128 ng/ul
 RT: 12.610 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

Instrument :
 BNA_M
 ClientSampleId :

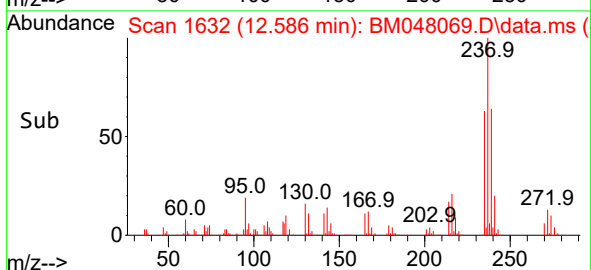
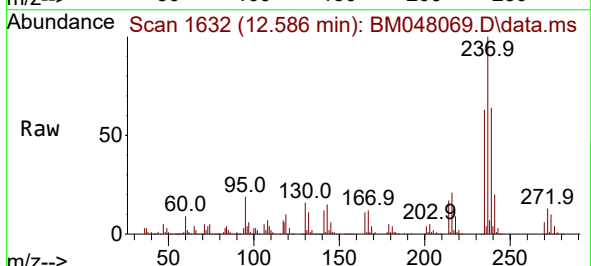
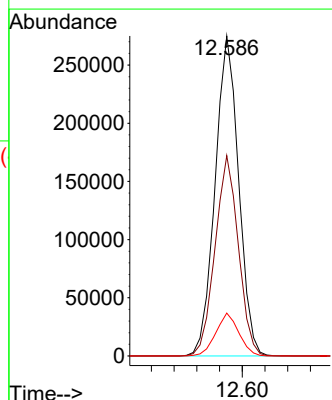


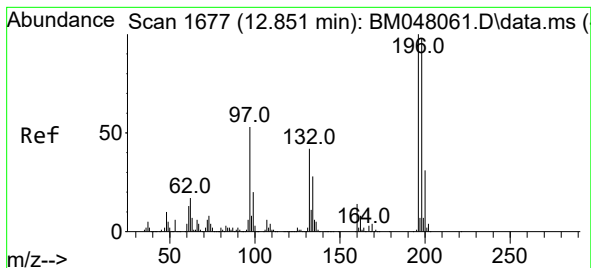
Tgt Ion:216 Resp: 825949
 Ion Ratio Lower Upper
 216 100
 214 76.6 61.0 91.4
 179 19.8 17.7 26.5
 108 15.7 17.0 25.4#



#40
 Hexachlorocyclopentadiene
 Concen: 27.039 ng/ul
 RT: 12.586 min Scan# 1632
 Delta R.T. -0.006 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

Tgt Ion:237 Resp: 395794
 Ion Ratio Lower Upper
 237 100
 235 62.6 49.8 74.6
 272 13.4 9.7 14.5





#41

2,4,6-Trichlorophenol

Concen: 38.080 ng/ul

RT: 12.851 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

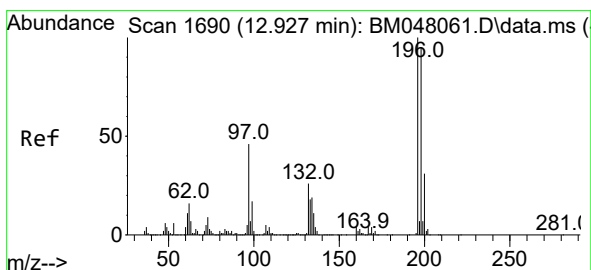
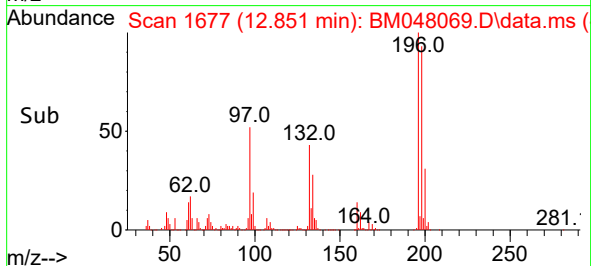
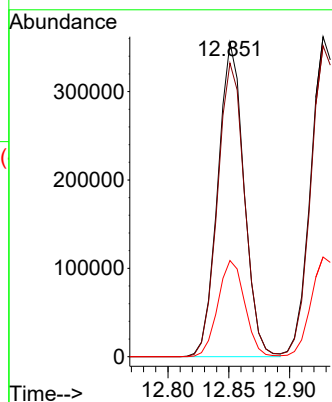
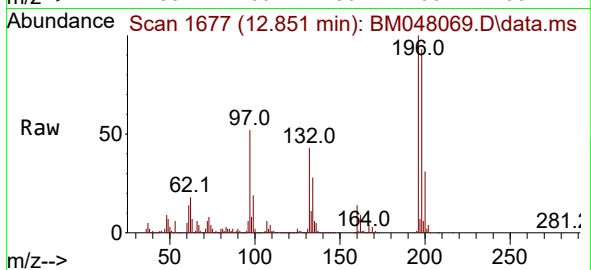
Tgt Ion:196 Resp: 533234

Ion Ratio Lower Upper

196 100

198 93.4 77.1 115.7

200 30.6 24.5 36.7



#42

2,4,5-Trichlorophenol

Concen: 37.767 ng/ul

RT: 12.927 min Scan# 1690

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

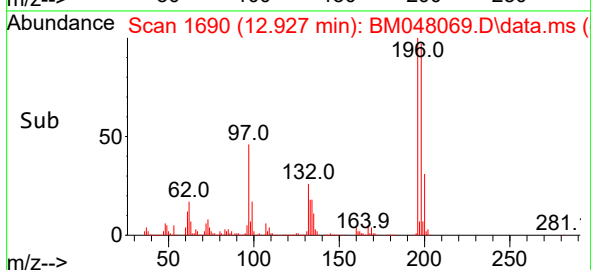
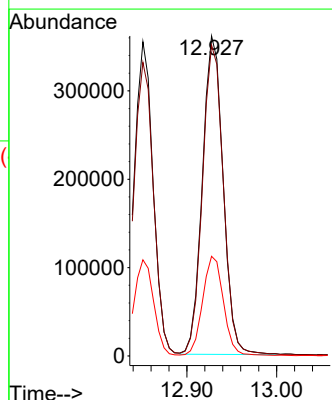
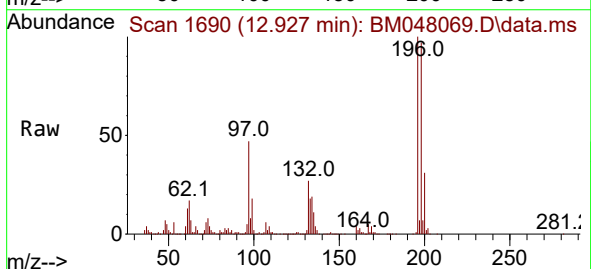
Tgt Ion:196 Resp: 578307

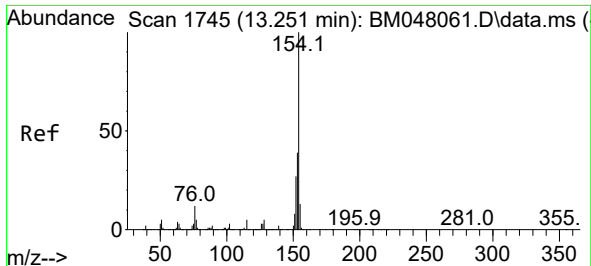
Ion Ratio Lower Upper

196 100

198 97.1 79.5 119.3

200 31.1 25.8 38.8

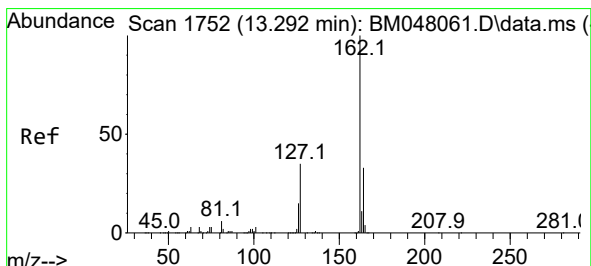
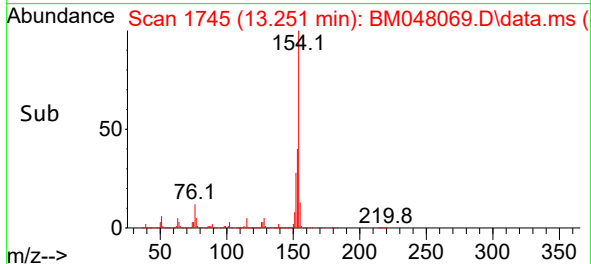
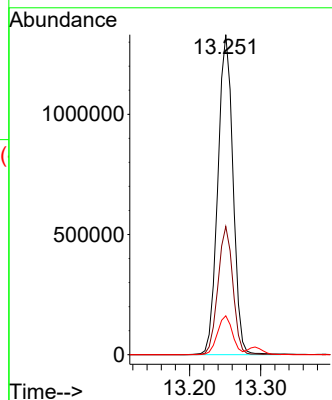
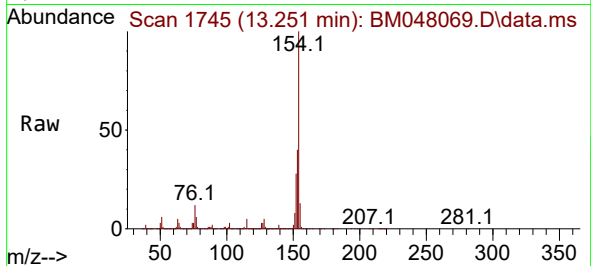




#43
1,1'-Biphenyl
Concen: 32.996 ng/ul
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

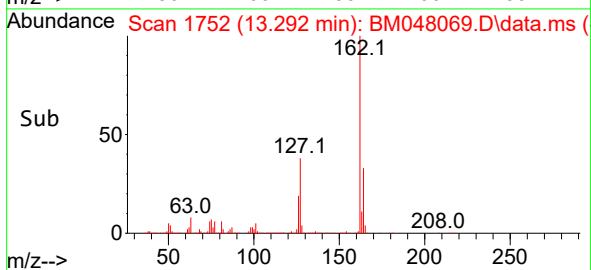
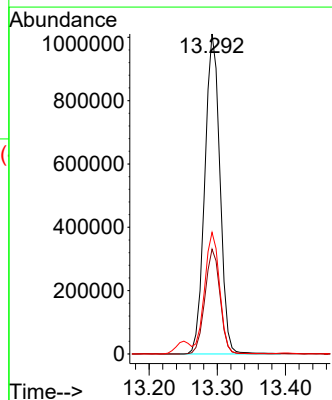
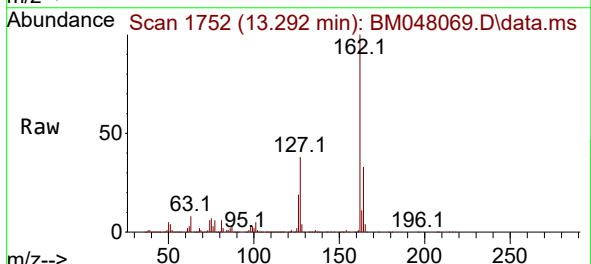
Instrument :
BNA_M
ClientSampleId :

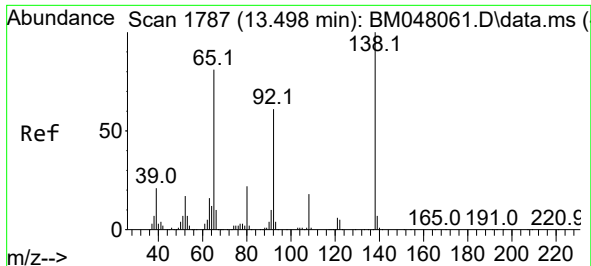
Tgt Ion:154 Resp: 1964136
Ion Ratio Lower Upper
154 100
153 40.1 31.1 46.7
76 12.1 12.1 18.1



#44
2-Chloronaphthalene
Concen: 33.952 ng/ul
RT: 13.292 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:162 Resp: 1563081
Ion Ratio Lower Upper
162 100
164 32.7 25.3 37.9
127 38.0 32.9 49.3

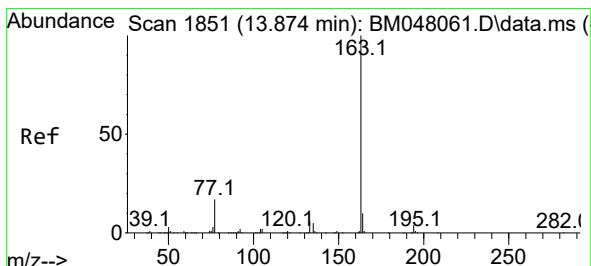
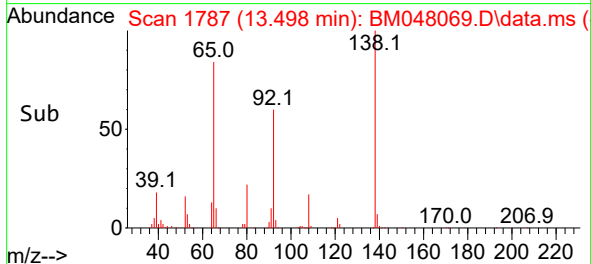
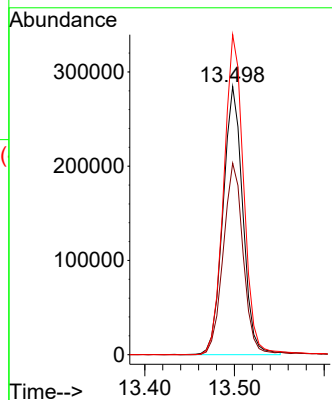
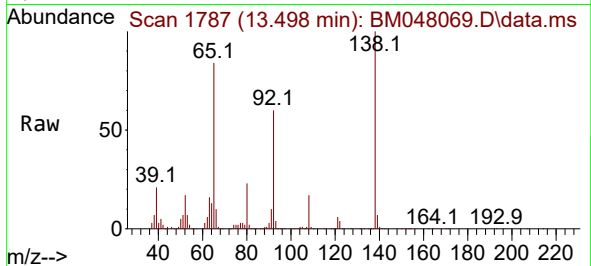




#45
2-Nitroaniline
Concen: 29.825 ng/ul
RT: 13.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

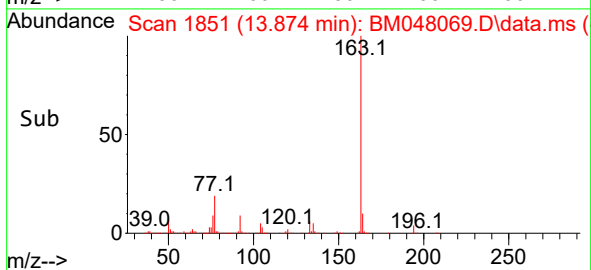
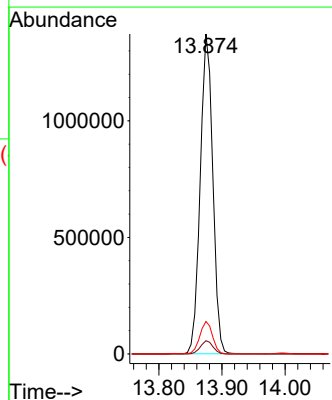
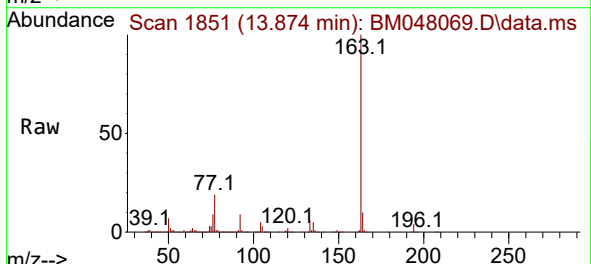
Instrument :
BNA_M
ClientSampleId :

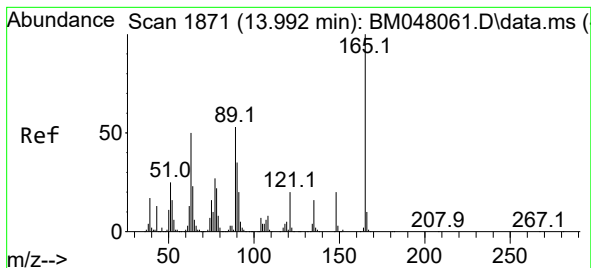
Tgt Ion: 65 Resp: 435873
Ion Ratio Lower Upper
65 100
92 71.4 49.1 73.7
138 119.3 67.6 101.4#



#47
Dimethylphthalate
Concen: 34.649 ng/ul
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:163 Resp: 1891456
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 7.8 11.6





#48

2,6-Dinitrotoluene

Concen: 41.807 ng/ul

RT: 13.998 min Scan# 1872

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

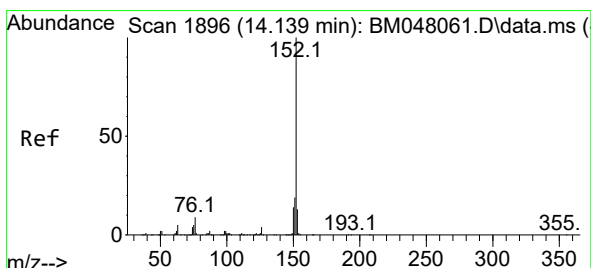
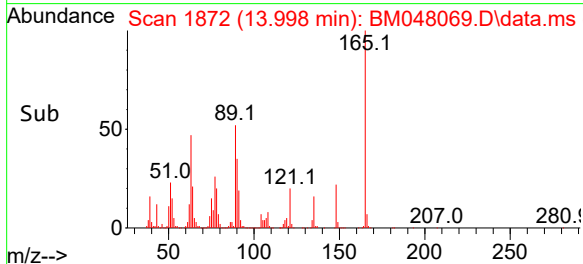
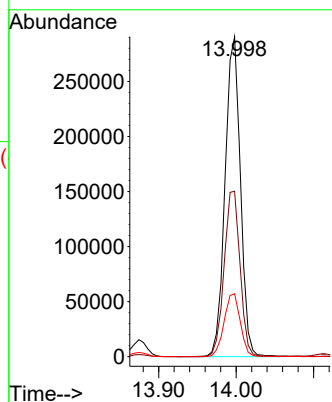
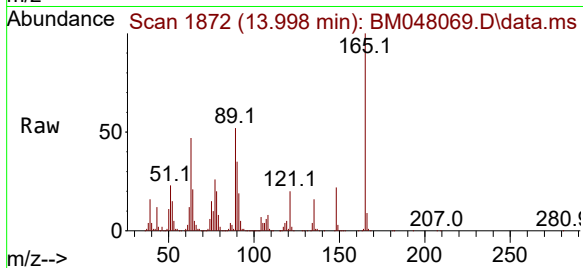
Tgt Ion:165 Resp: 400799

Ion Ratio Lower Upper

165 100

89 51.7 58.5 87.7#

121 19.6 20.2 30.2#



#50

Acenaphthylene

Concen: 34.002 ng/ul

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

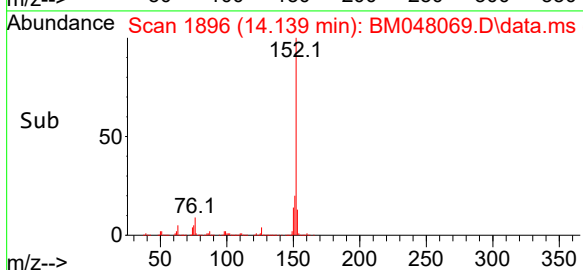
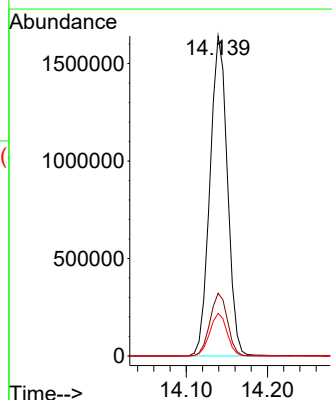
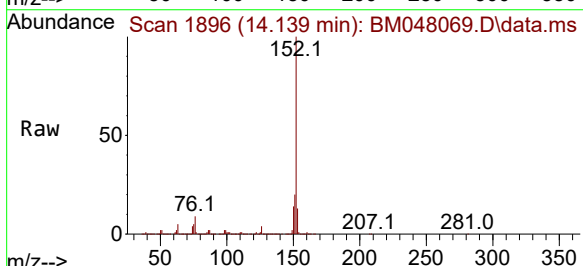
Tgt Ion:152 Resp: 2450640

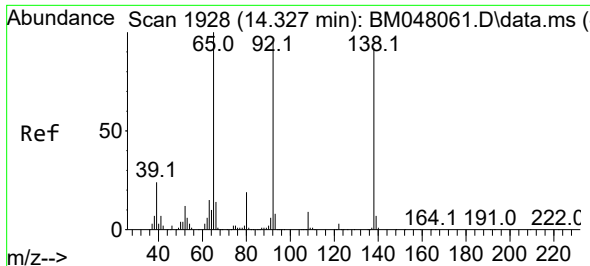
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.3 10.7 16.1

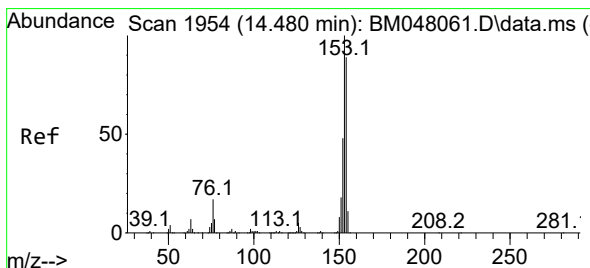
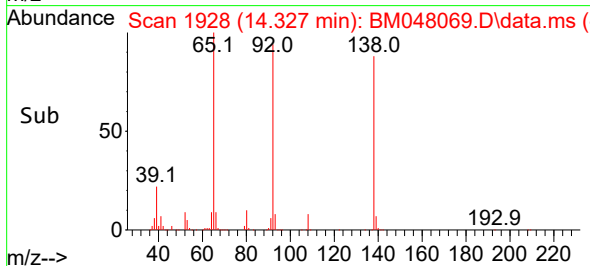
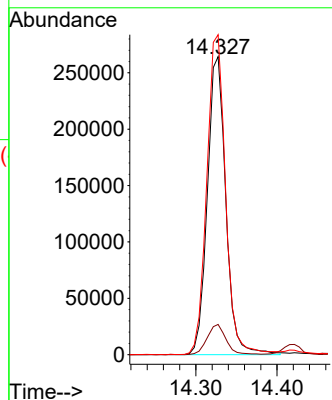
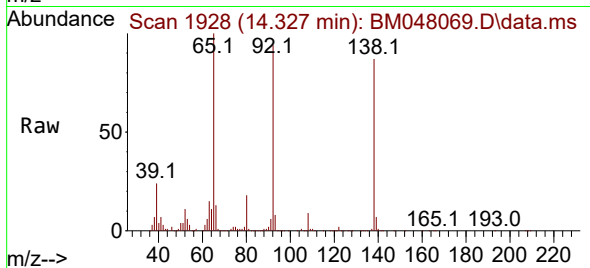




#51
3-Nitroaniline
Concen: 36.032 ng/ul
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

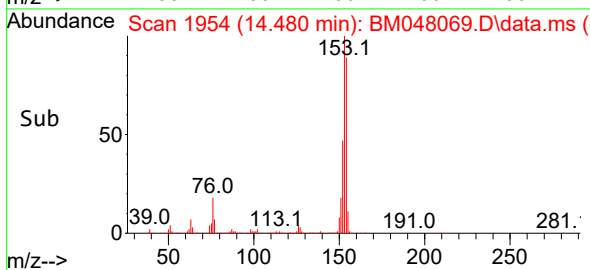
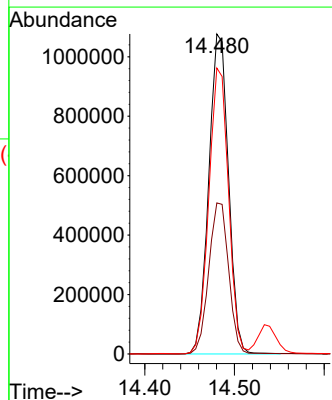
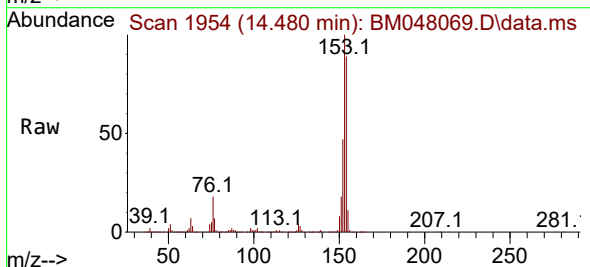
Instrument :
BNA_M
ClientSampleId :

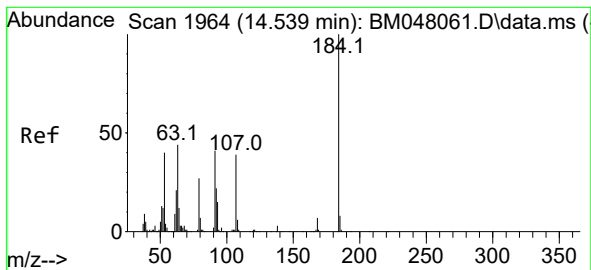
Tgt Ion:138 Resp: 418076
Ion Ratio Lower Upper
138 100
108 10.1 9.0 13.6
92 107.4 101.5 152.3



#52
Acenaphthene
Concen: 32.207 ng/ul
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:153 Resp: 1640903
Ion Ratio Lower Upper
153 100
152 47.2 39.7 59.5
154 89.4 72.6 108.8

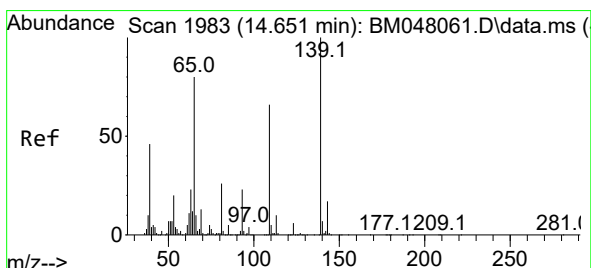
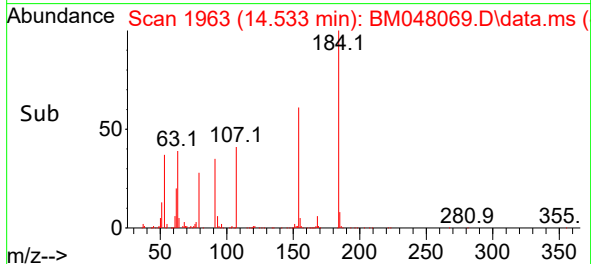
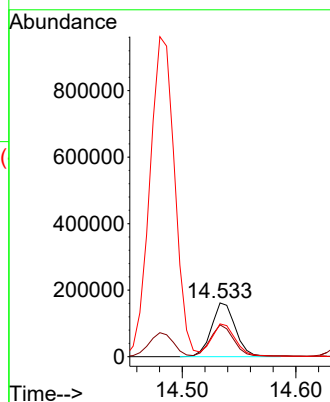
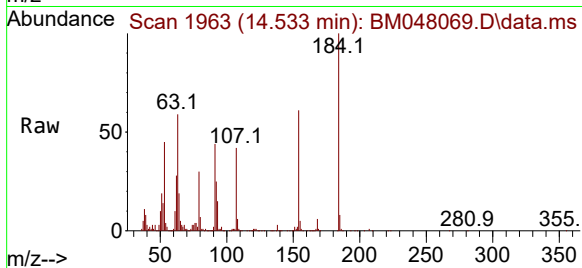




#53
2,4-Dinitrophenol
Concen: 40.067 ng/ul
RT: 14.533 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

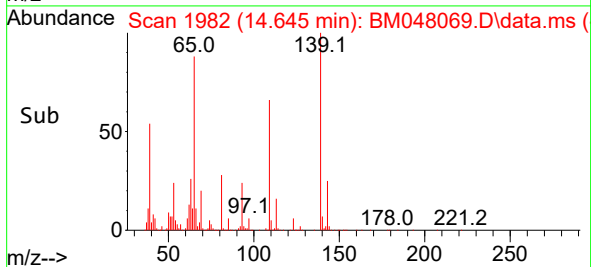
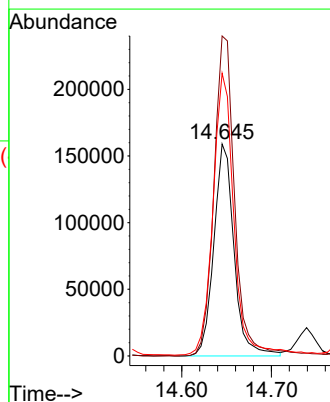
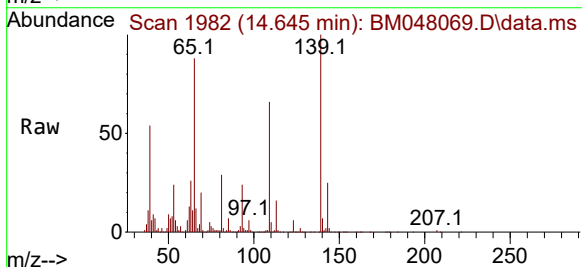
Instrument :
BNA_M
ClientSampleId :

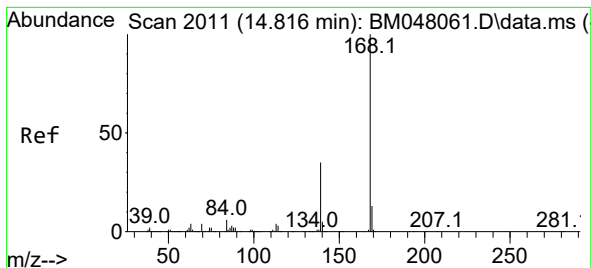
Tgt Ion:184 Resp: 237353
Ion Ratio Lower Upper
184 100
63 59.2 77.5 116.3#
154 61.1 55.8 83.6



#55
4-Nitrophenol
Concen: 27.617 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:109 Resp: 248846
Ion Ratio Lower Upper
109 100
139 150.9 105.7 158.5
65 133.4 123.1 184.7

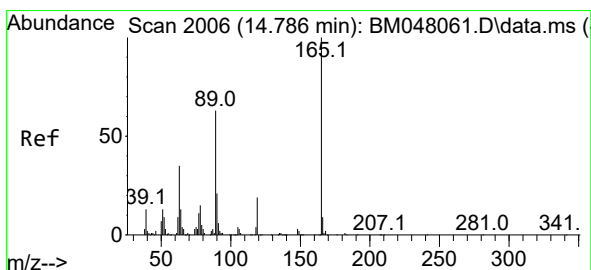
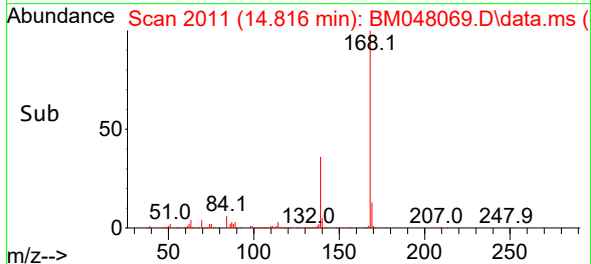
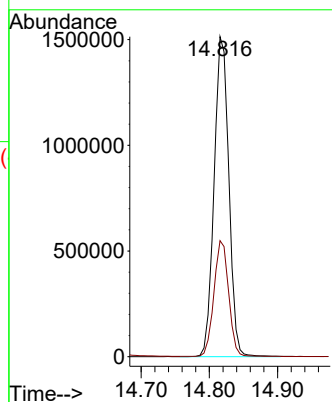
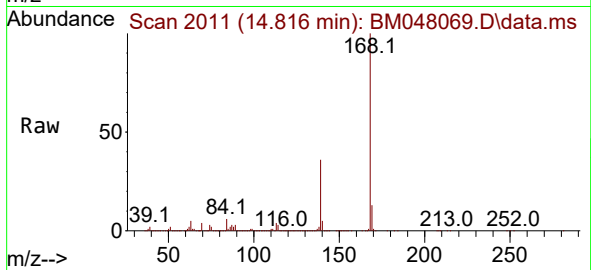




#56
Dibenzenofuran
Concen: 33.262 ng/ul
RT: 14.816 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

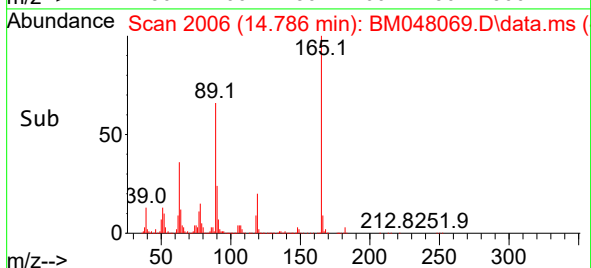
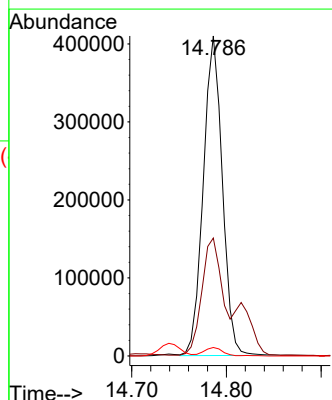
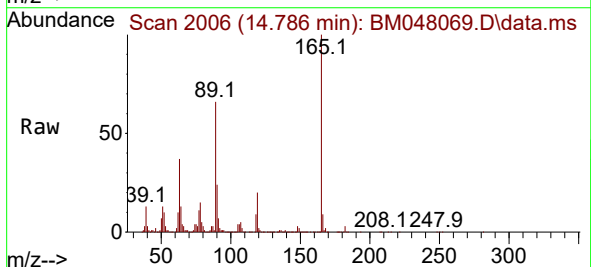
Instrument :
BNA_M
ClientSampleId :

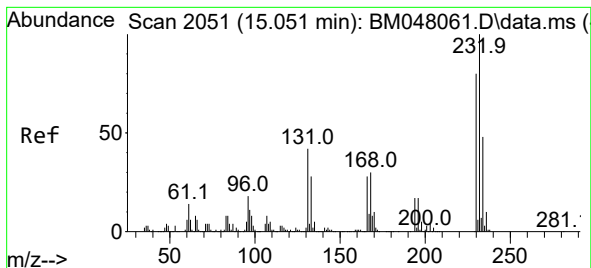
Tgt Ion:168 Resp: 2281147
Ion Ratio Lower Upper
168 100
139 36.2 31.0 46.6



#57
2,4-Dinitrotoluene
Concen: 39.619 ng/ul
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

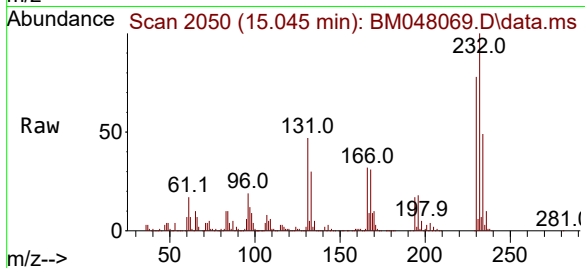
Tgt Ion:165 Resp: 570464
Ion Ratio Lower Upper
165 100
63 36.9 45.8 68.6#
182 2.7 1.7 2.5#



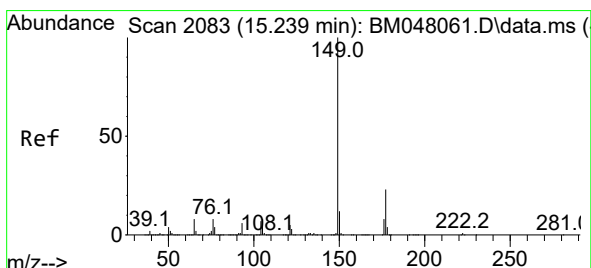
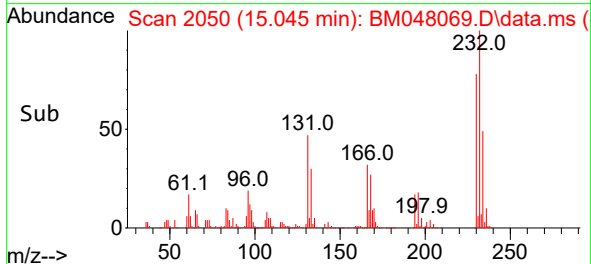
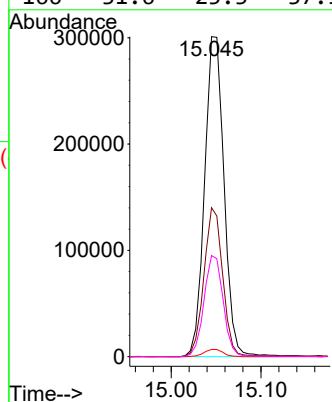


#58
2,3,4,6-Tetrachlorophenol
Concen: 37.576 ng/ul
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Instrument :
BNA_M
ClientSampleId :

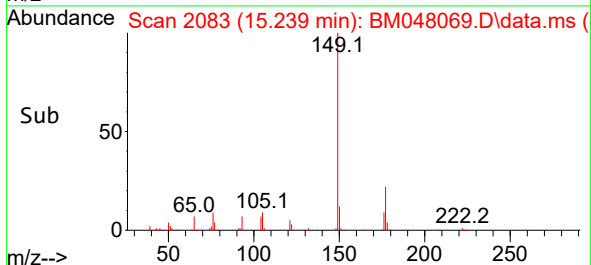
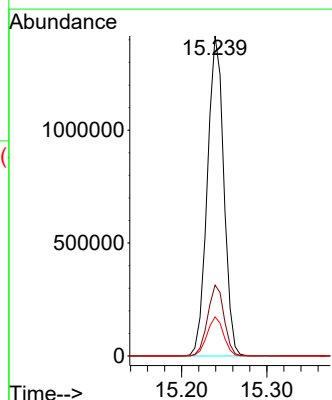
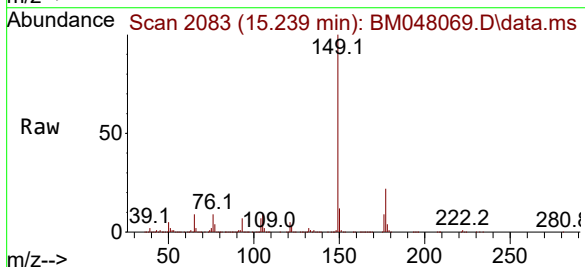


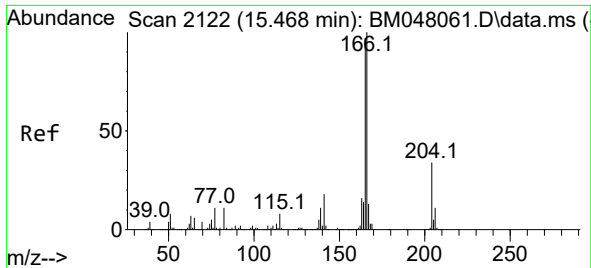
Tgt Ion:232 Resp: 453543
Ion Ratio Lower Upper
232 100
131 46.5 40.2 60.4
130 2.2 2.6 4.0#
166 31.6 25.3 37.9



#59
Diethylphthalate
Concen: 34.774 ng/ul
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:149 Resp: 1899311
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.2 9.2 13.8

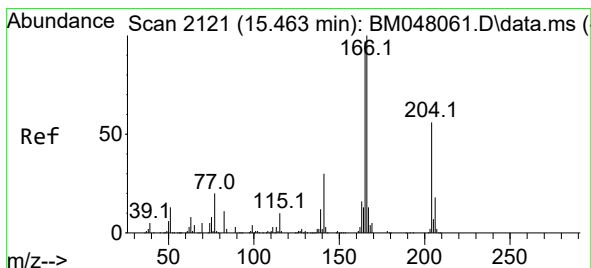
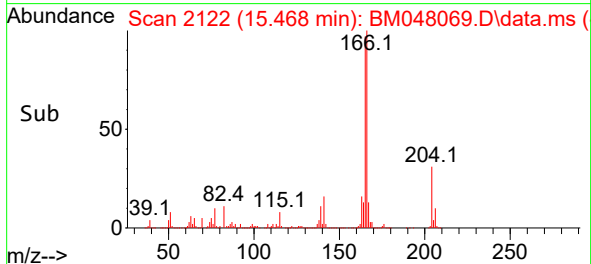
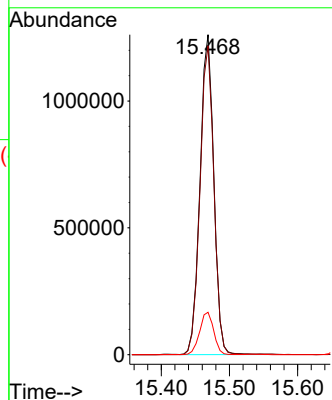
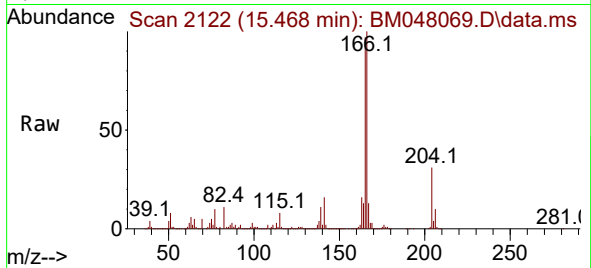




#61
Fluorene
Concen: 31.012 ng/ul
RT: 15.468 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

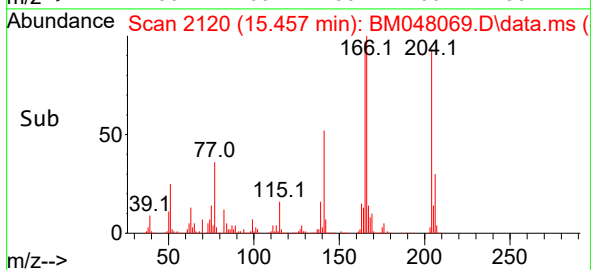
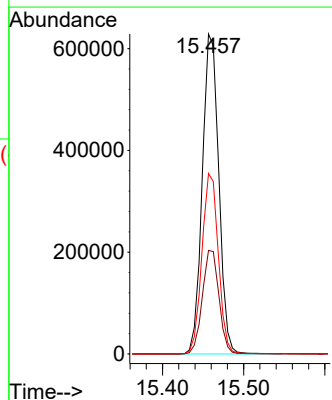
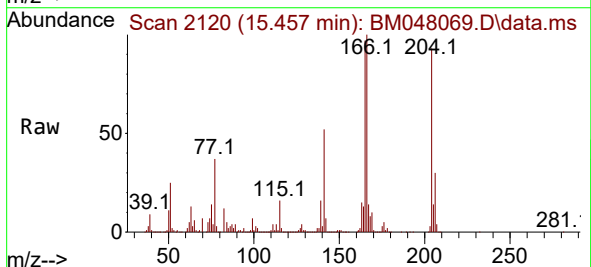
Instrument :
BNA_M
ClientSampleId :

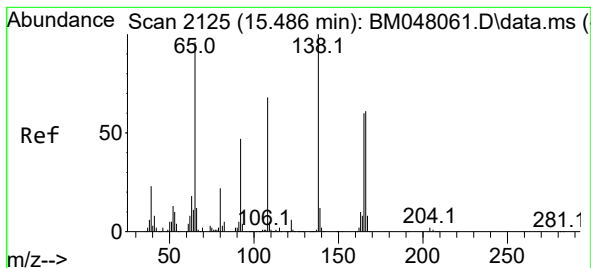
Tgt Ion:166 Resp: 1774386
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.6
167 13.2 10.8 16.2



#62
4-Chlorophenyl-phenylether
Concen: 32.811 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:204 Resp: 887085
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 56.4 49.2 73.8

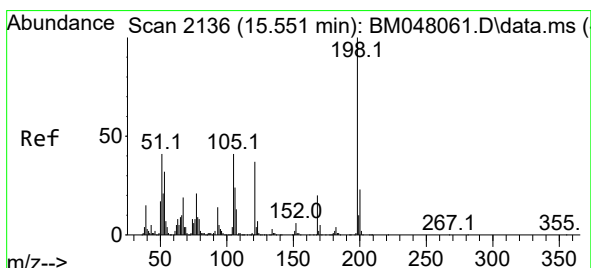
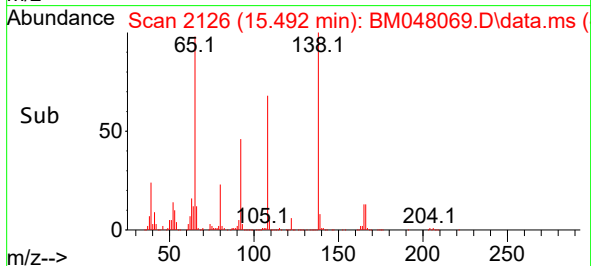
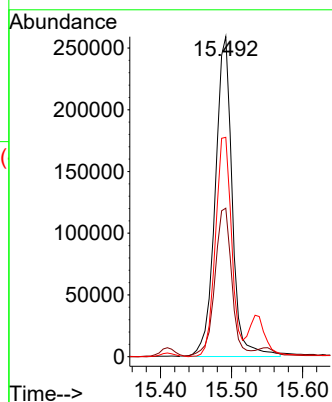
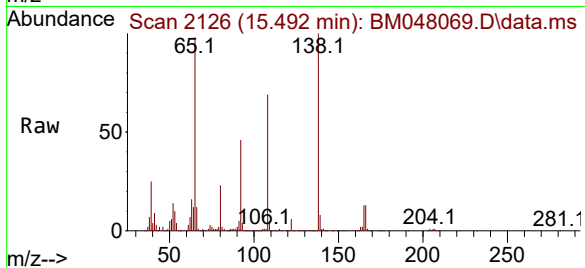




#63
4-Nitroaniline
Concen: 38.111 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

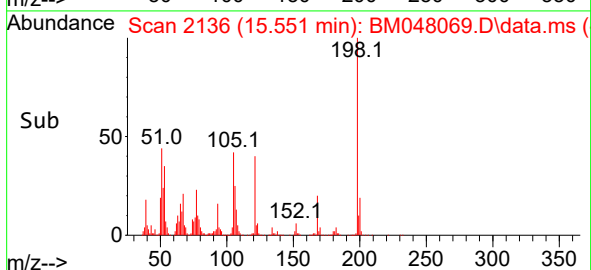
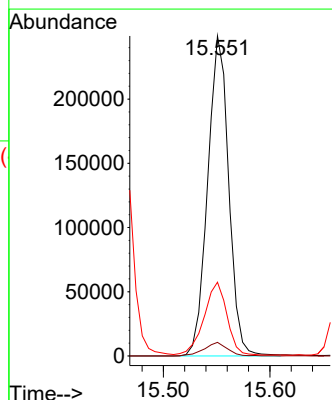
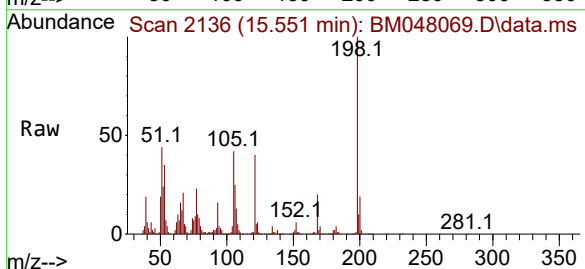
Instrument :
BNA_M
ClientSampleId :

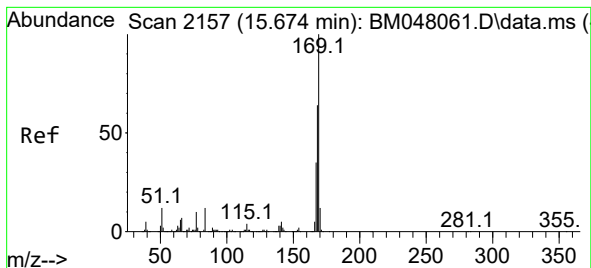
Tgt Ion:138 Resp: 429464
Ion Ratio Lower Upper
138 100
92 46.4 44.9 67.3
108 68.5 62.4 93.6



#66
4,6-Dinitro-2-methylphenol
Concen: 28.319 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:198 Resp: 342185
Ion Ratio Lower Upper
198 100
182 4.2 5.1 7.7#
77 23.0 26.2 39.2#





#67

N-Nitrosodiphenylamine

Concen: 26.159 ng/ul

RT: 15.674 min Scan# 2157

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

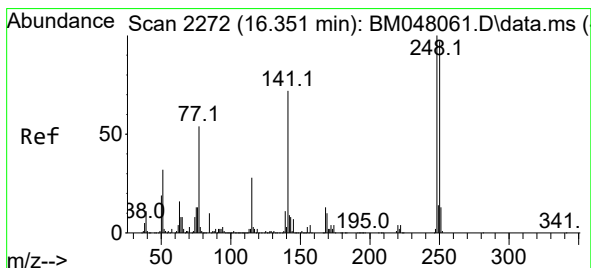
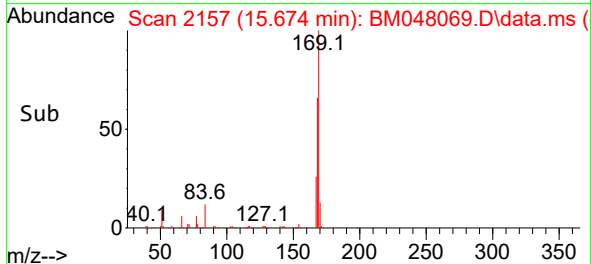
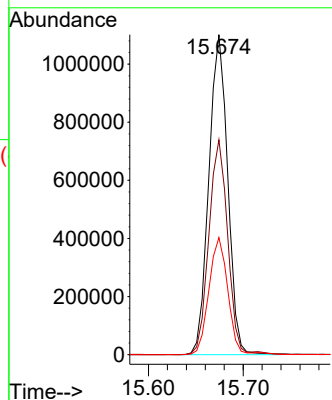
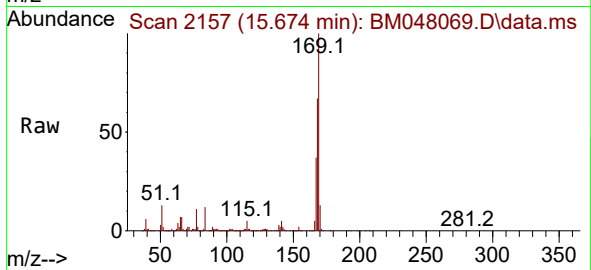
Tgt Ion:169 Resp: 1518995

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

167 36.6 30.0 45.0



#68

4-Bromophenyl-phenylether

Concen: 29.115 ng/ul

RT: 16.351 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

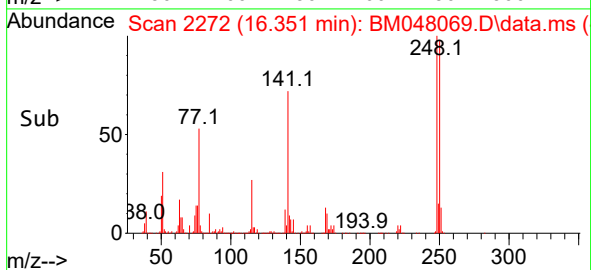
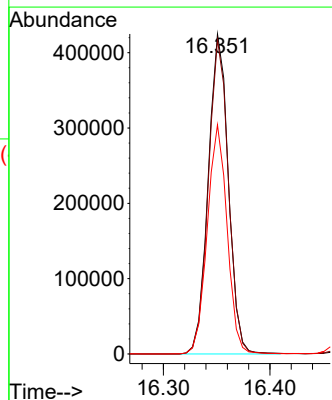
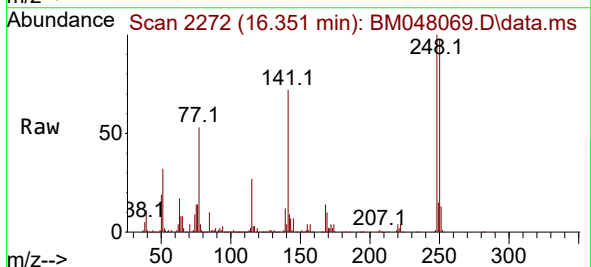
Tgt Ion:248 Resp: 559264

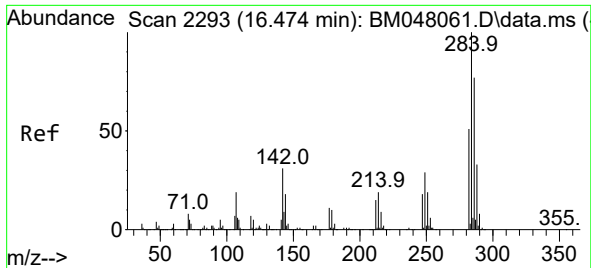
Ion Ratio Lower Upper

248 100

250 98.3 76.5 114.7

141 71.6 60.8 91.2

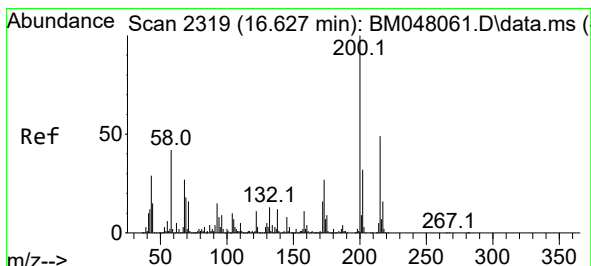
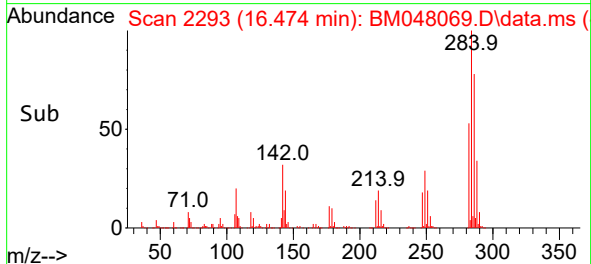
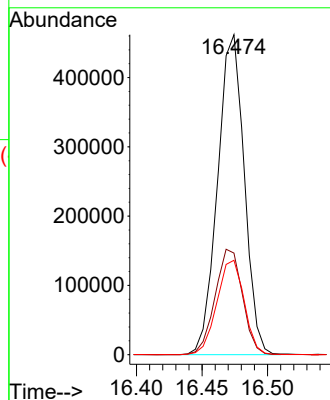
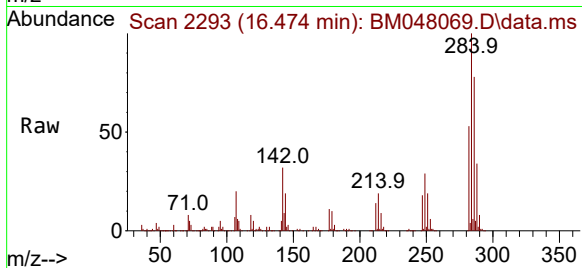




#69
Hexachlorobenzene
Concen: 29.235 ng/ul
RT: 16.474 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

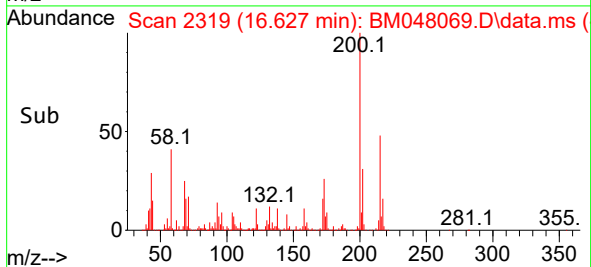
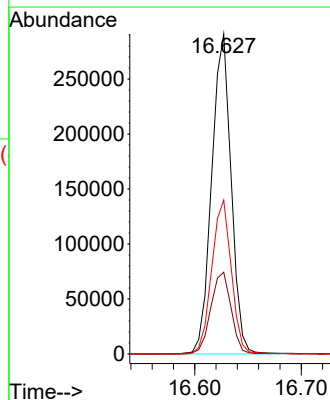
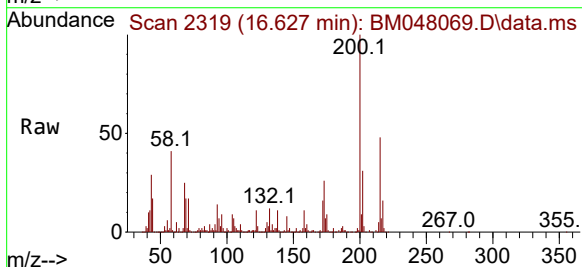
Instrument :
BNA_M
ClientSampleId :

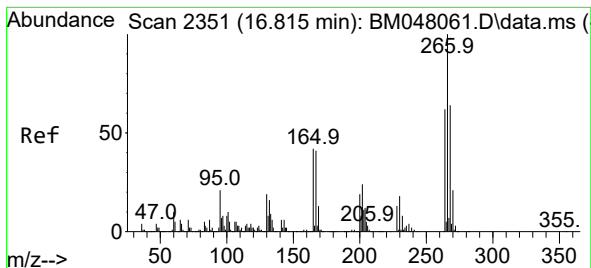
Tgt Ion:284 Resp: 653513
Ion Ratio Lower Upper
284 100
142 31.8 32.4 48.6#
249 29.5 26.3 39.5



#70
Atrazine
Concen: 19.055 ng/ul
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:200 Resp: 368328
Ion Ratio Lower Upper
200 100
173 25.6 20.2 30.2
215 48.1 39.4 59.2





#71

Pentachlorophenol

Concen: 27.286 ng/ul

RT: 16.815 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

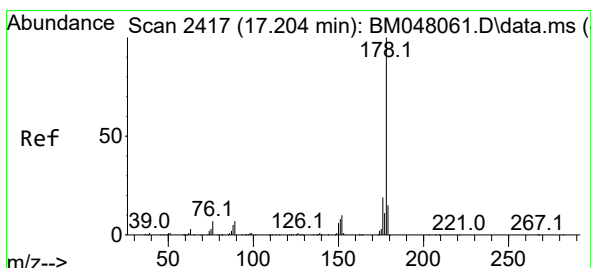
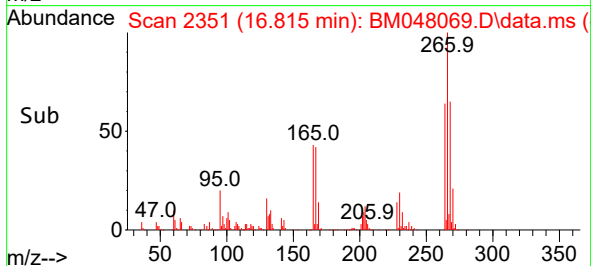
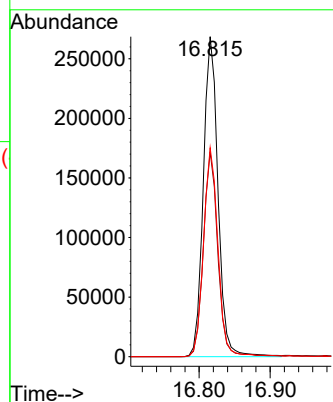
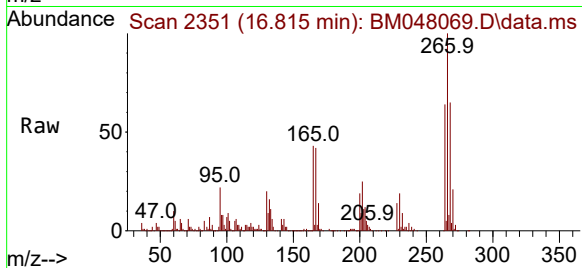
Tgt Ion:266 Resp: 387842

Ion Ratio Lower Upper

266 100

264 64.0 50.2 75.2

268 65.3 50.9 76.3



#72

Phenanthrene

Concen: 25.438 ng/ul

RT: 17.292 min Scan# 2432

Delta R.T. 0.088 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

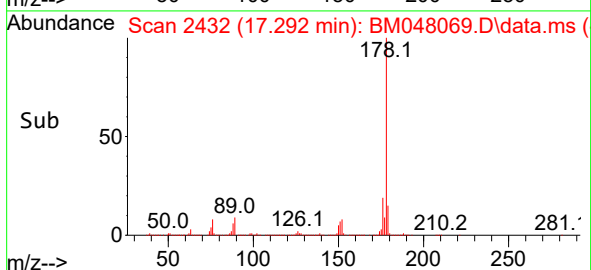
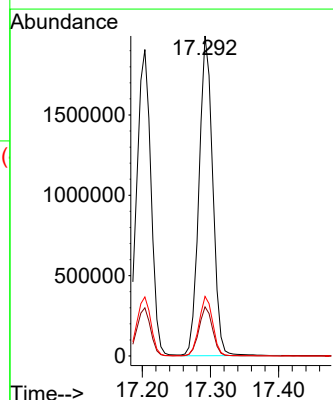
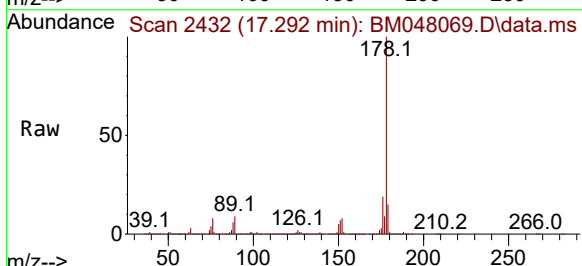
Tgt Ion:178 Resp: 2779892

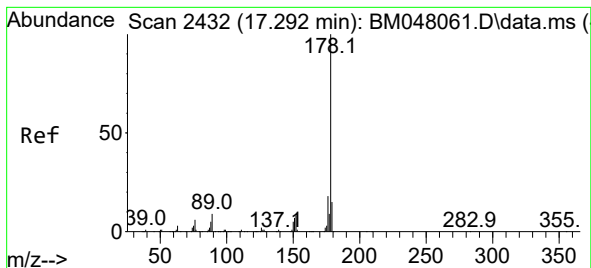
Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 18.6 15.4 23.0





#74

Anthracene

Concen: 24.895 ng/uI

RT: 17.292 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

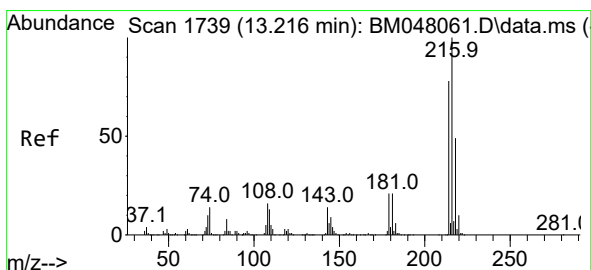
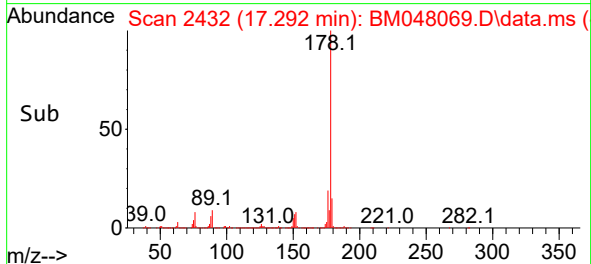
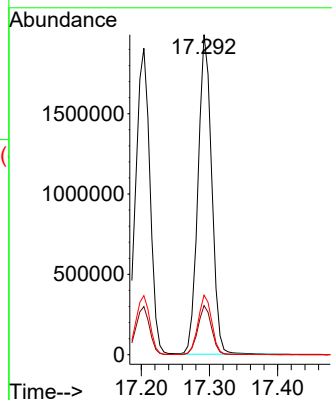
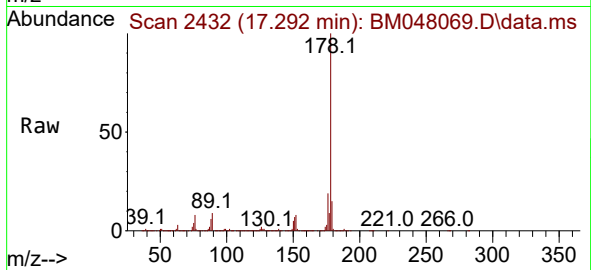
Tgt Ion:178 Resp: 2774819

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.6 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.668 ng/uL

RT: 13.216 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

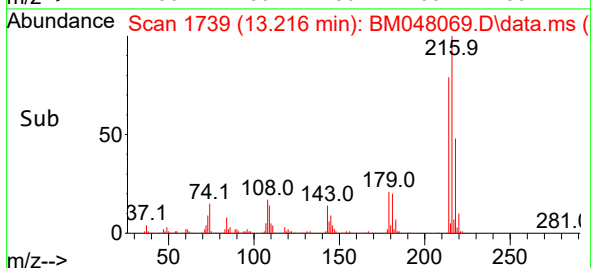
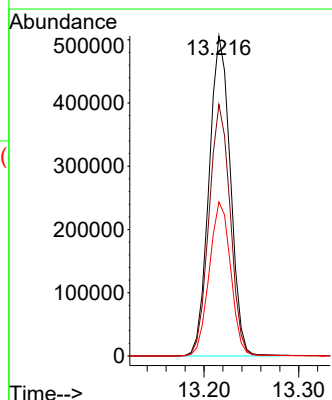
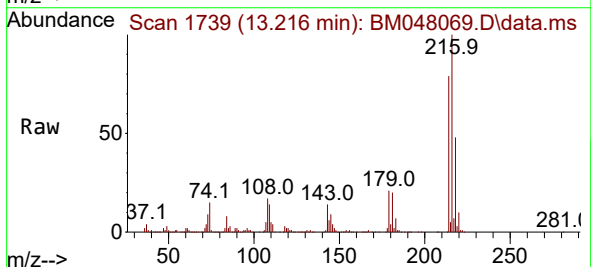
Tgt Ion:216 Resp: 791959

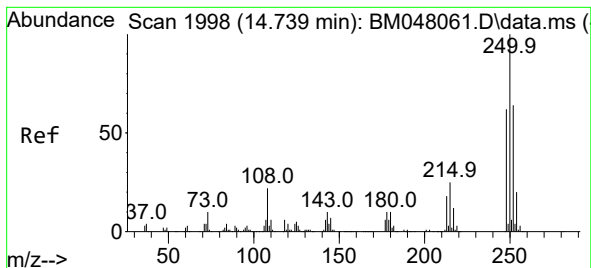
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

218 48.1 37.6 56.4





#76

Pentachlorobenzene

Concen: 25.233 ng/uL

RT: 14.739 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

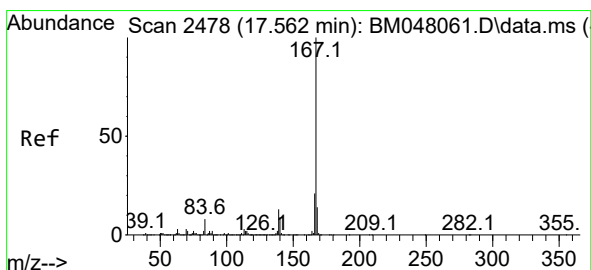
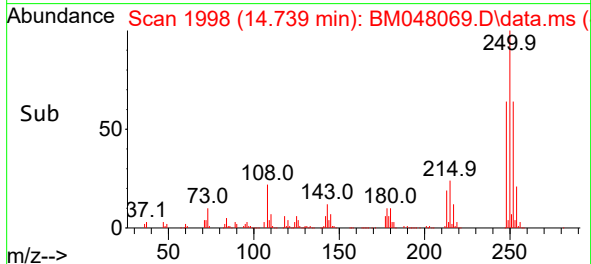
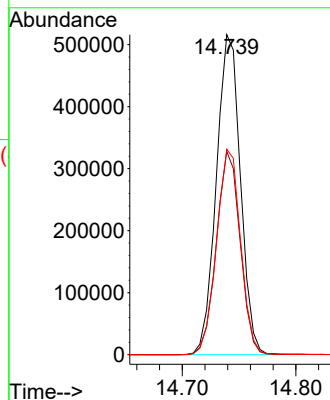
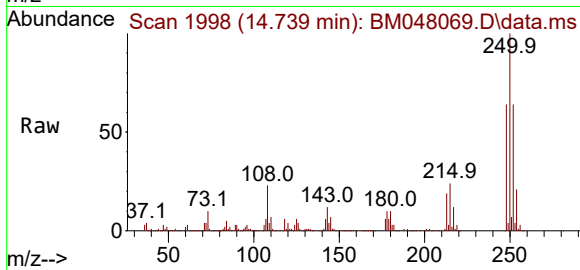
Tgt Ion:250 Resp: 759935

Ion Ratio Lower Upper

250 100

248 63.5 50.2 75.2

252 64.2 49.4 74.0



#77

Carbazole

Concen: 25.533 ng/uL

RT: 17.562 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

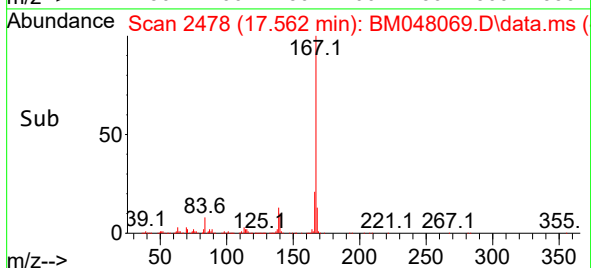
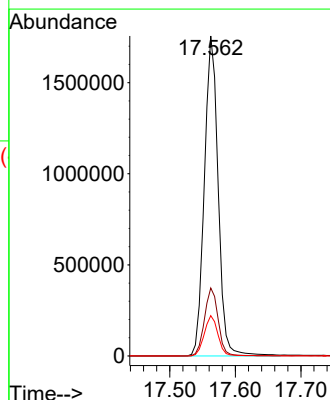
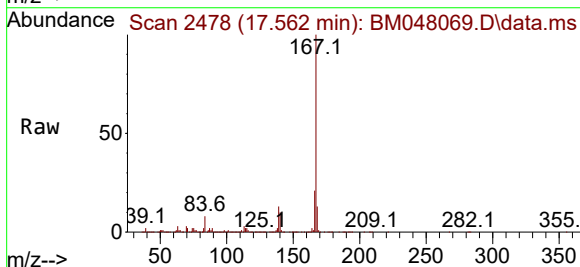
Tgt Ion:167 Resp: 2579619

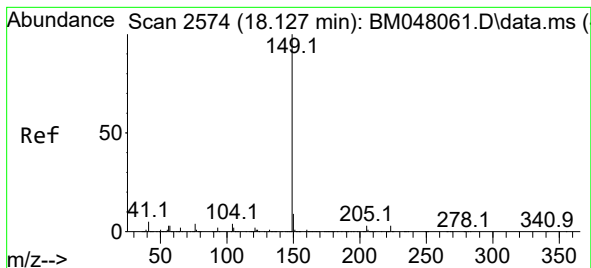
Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

139 12.6 10.9 16.3





#78

Di-n-butylphthalate

Concen: 29.854 ng/ul

RT: 18.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

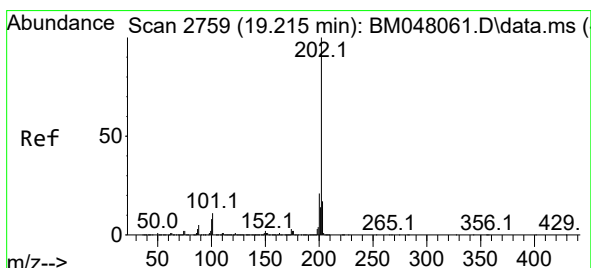
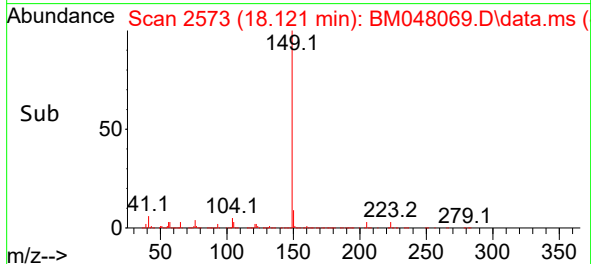
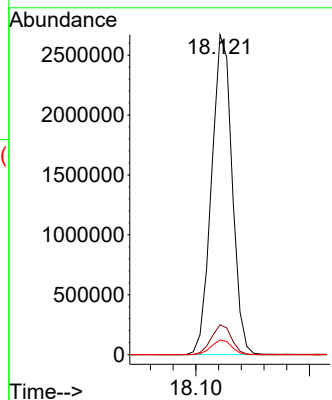
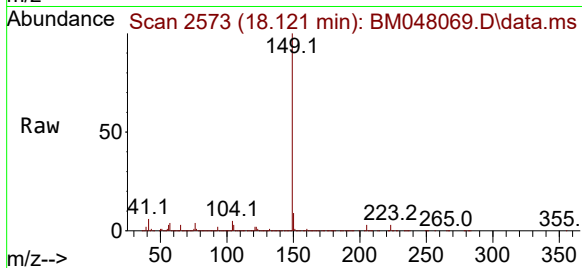
Tgt Ion:149 Resp: 3357860

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.6 4.6 7.0#



#80

Fluoranthene

Concen: 38.351 ng/ul

RT: 19.215 min Scan# 2759

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

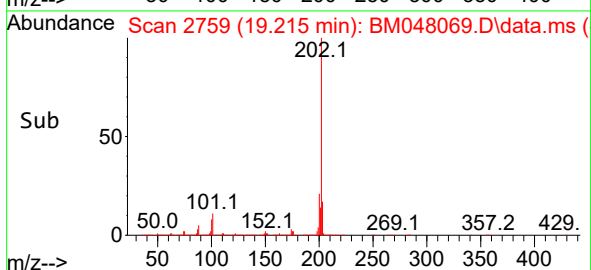
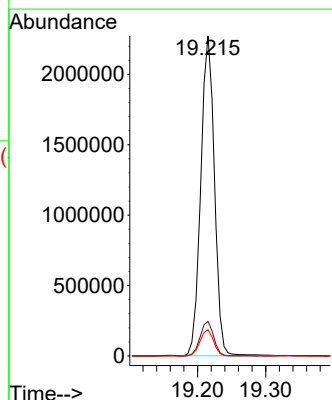
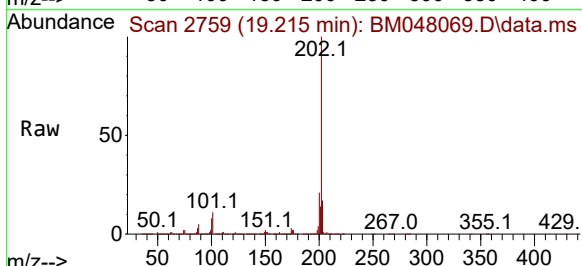
Tgt Ion:202 Resp: 3171457

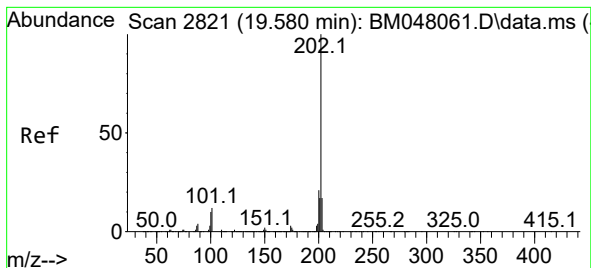
Ion Ratio Lower Upper

202 100

101 10.8 9.0 13.4

100 8.2 6.8 10.2





#82

Pyrene

Concen: 35.953 ng/ul

RT: 19.574 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

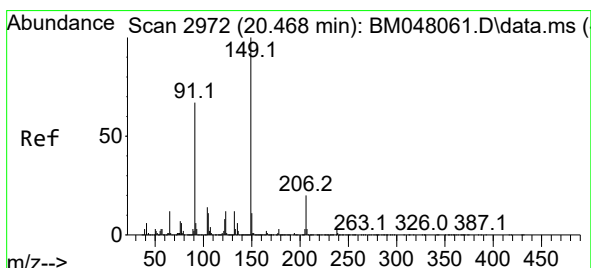
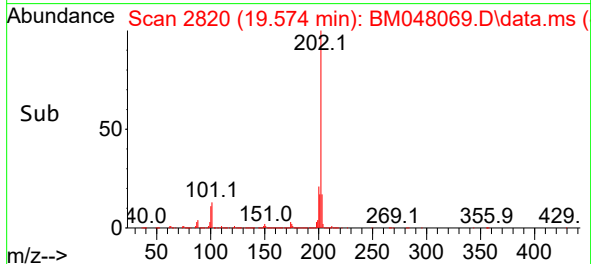
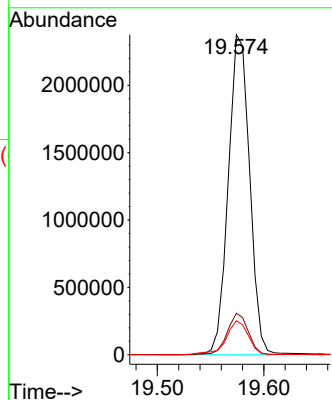
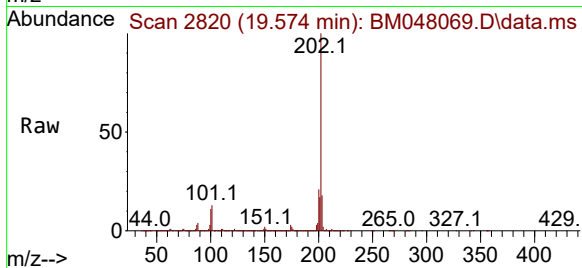
Tgt Ion:202 Resp: 3309144

Ion Ratio Lower Upper

202 100

101 13.0 10.9 16.3

100 10.6 9.4 14.2



#83

Butylbenzylphthalate

Concen: 46.185 ng/ul

RT: 20.468 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

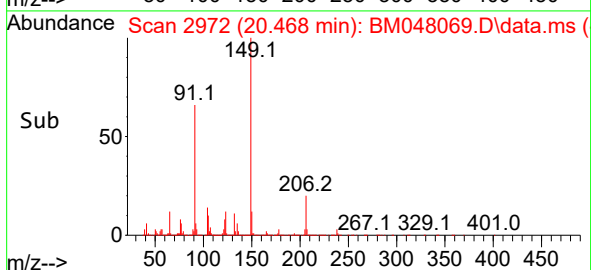
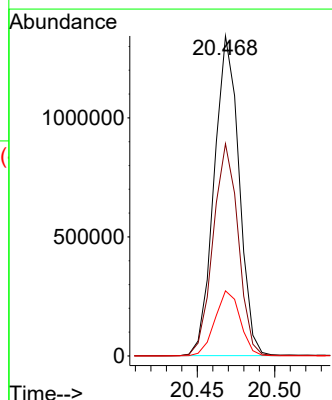
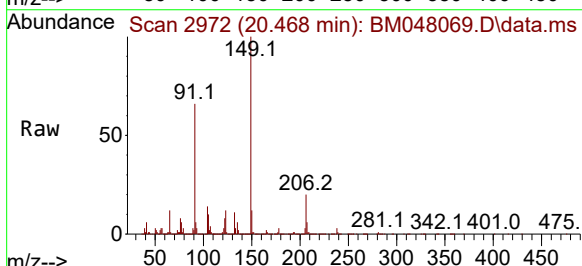
Tgt Ion:149 Resp: 1502833

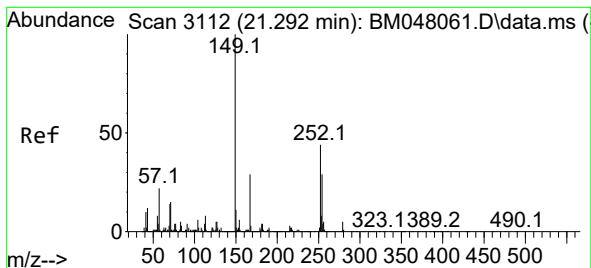
Ion Ratio Lower Upper

149 100

91 66.3 66.9 100.3#

206 20.3 14.4 21.6





#84

3,3'-Dichlorobenzidine

Concen: 36.708 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

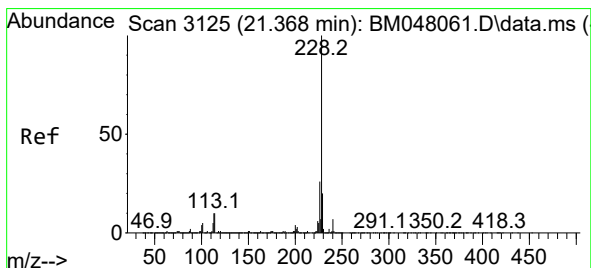
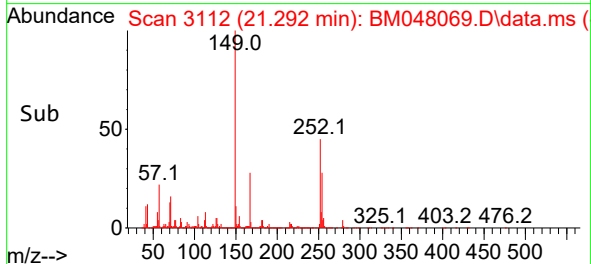
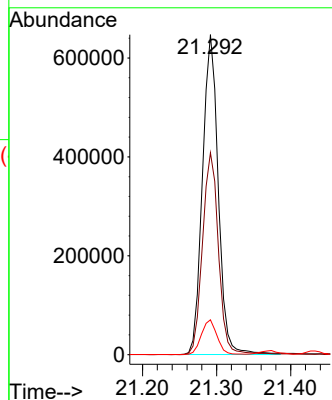
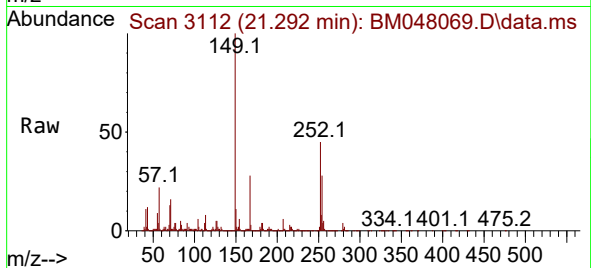
Tgt Ion:252 Resp: 959602

Ion Ratio Lower Upper

252 100

254 63.1 51.5 77.3

126 10.9 9.4 14.0



#85

Benzo(a)anthracene

Concen: 36.378 ng/ul

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

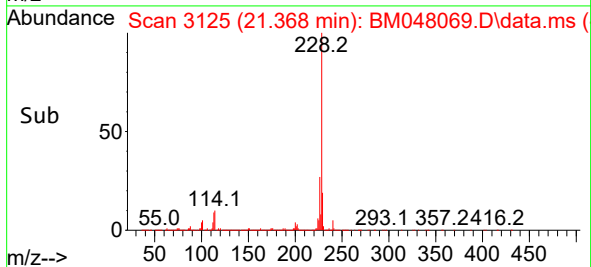
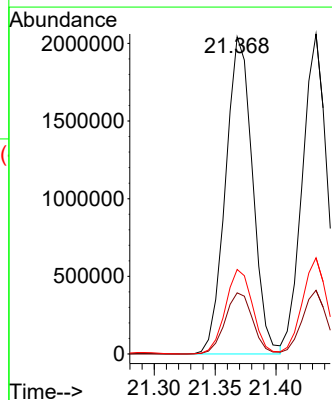
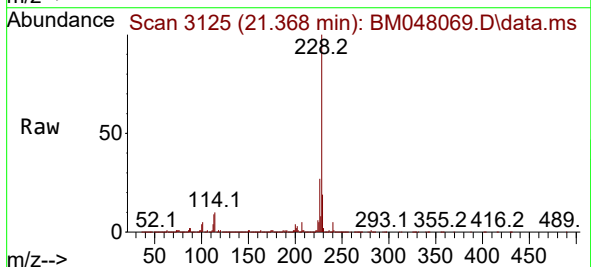
Tgt Ion:228 Resp: 3151097

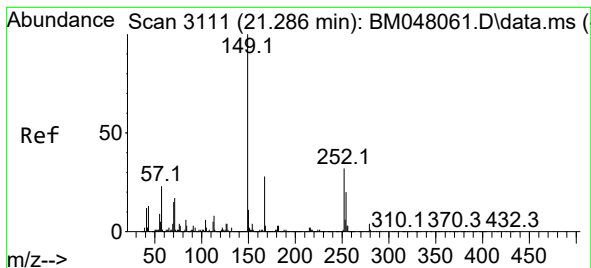
Ion Ratio Lower Upper

228 100

229 19.3 15.6 23.4

226 26.6 21.9 32.9

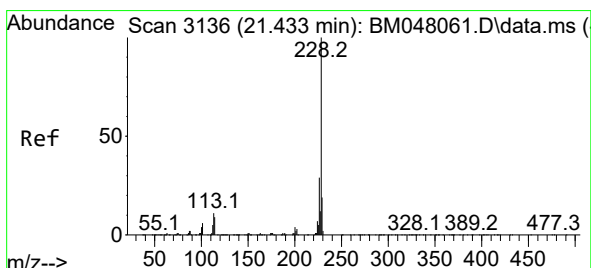
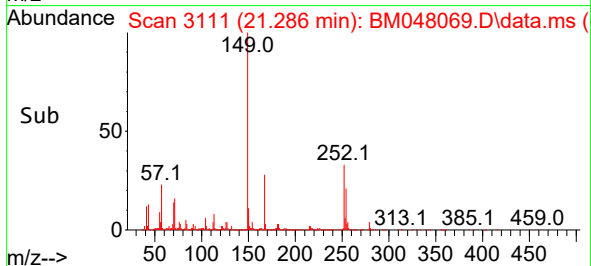
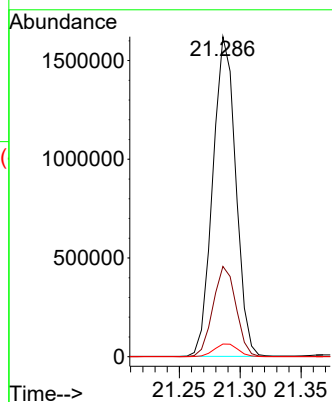
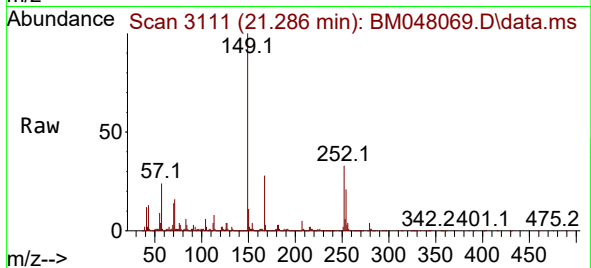




#86
Bis(2-ethylhexyl)phthalate
Concen: 43.501 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

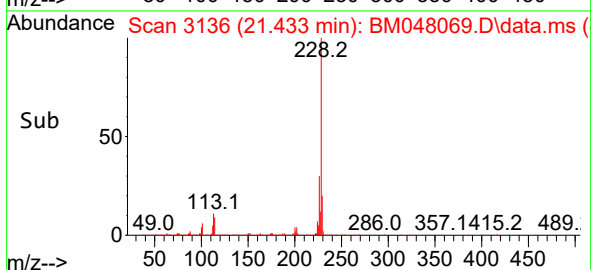
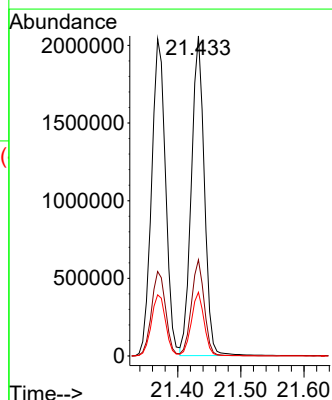
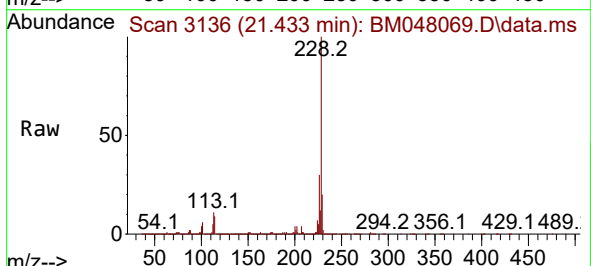
Instrument :
BNA_M
ClientSampleId :

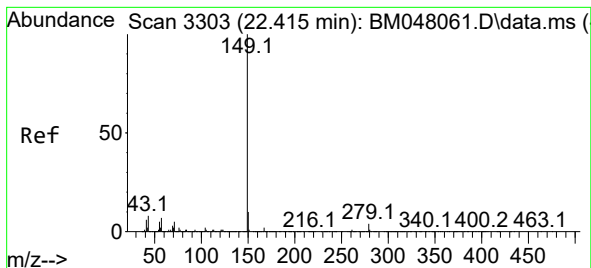
Tgt Ion:149 Resp: 2125181
Ion Ratio Lower Upper
149 100
167 28.2 21.3 31.9
279 4.0 2.7 4.1



#87
Chrysene
Concen: 34.837 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048069.D
Acq: 15 Oct 2024 20:25

Tgt Ion:228 Resp: 2941874
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 19.9 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 41.386 ng/ul

RT: 22.415 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM048069.D

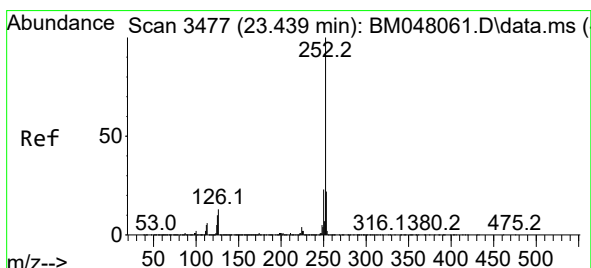
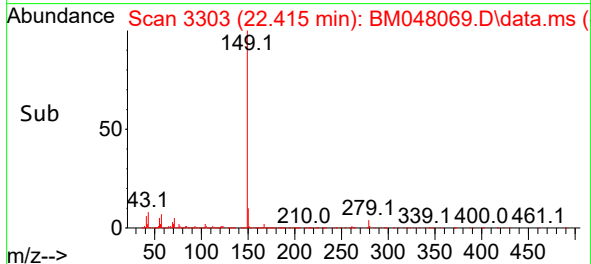
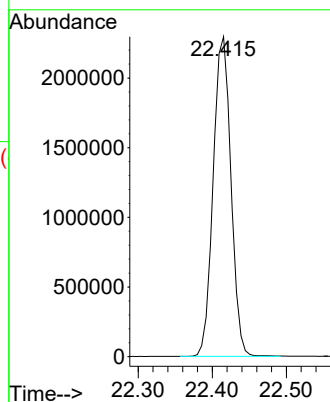
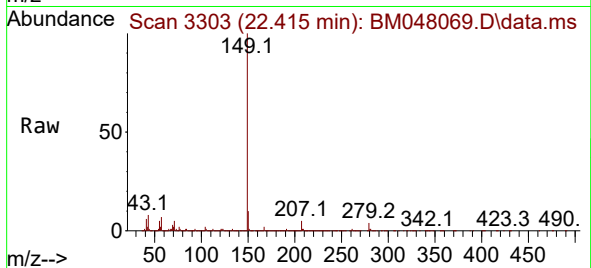
Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 3814449



#90

Benzo(b)fluoranthene

Concen: 35.583 ng/ul

RT: 23.439 min Scan# 3477

Delta R.T. 0.012 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

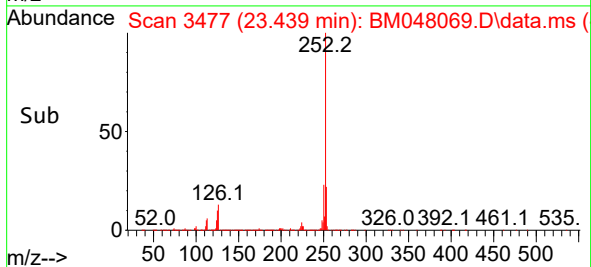
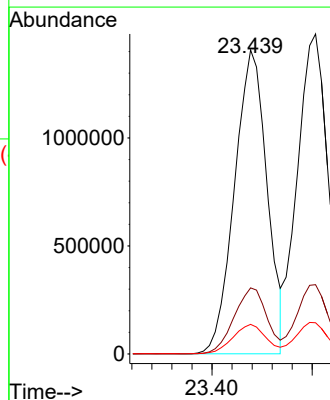
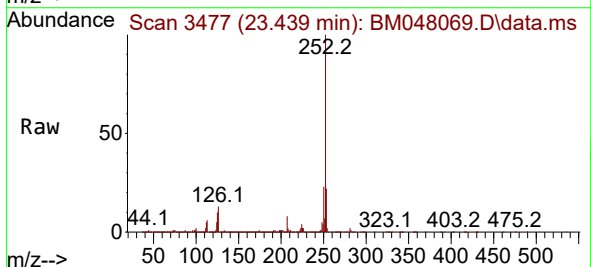
Tgt Ion:252 Resp: 3170845

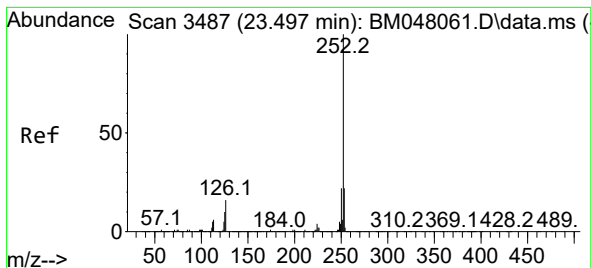
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.8 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 34.846 ng/ul

RT: 23.503 min Scan# 34

Delta R.T. 0.018 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

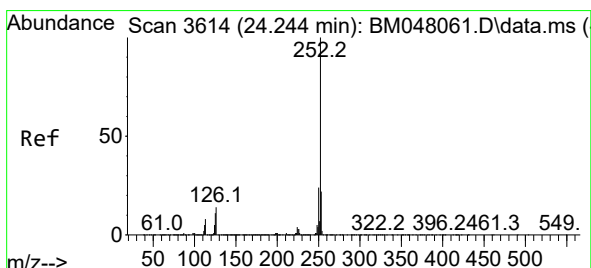
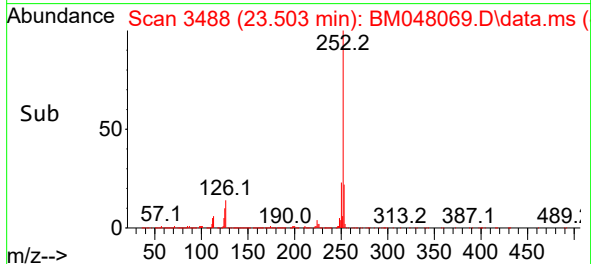
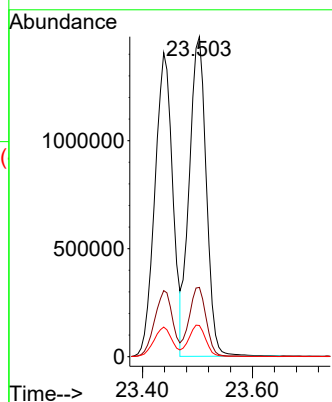
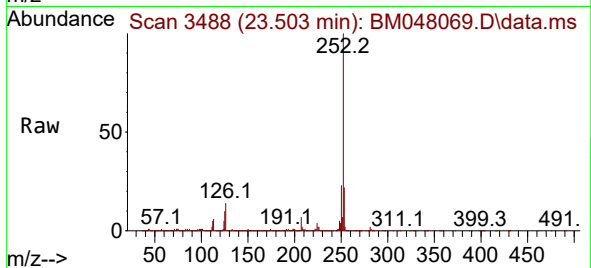
Tgt Ion:252 Resp: 3175127

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.8 8.9 13.3



#93

Benzo(a)pyrene

Concen: 33.787 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. 0.018 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

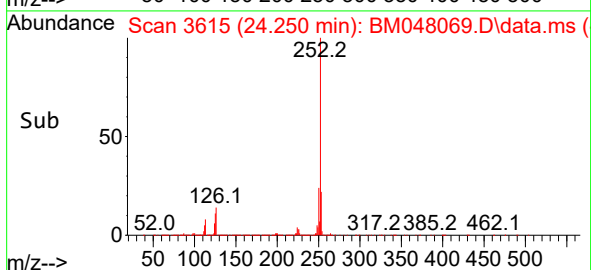
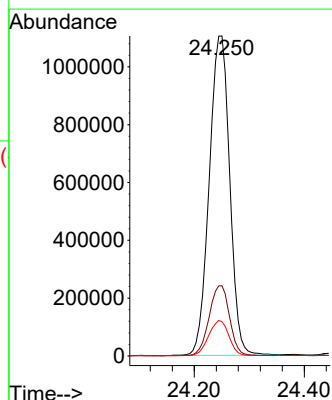
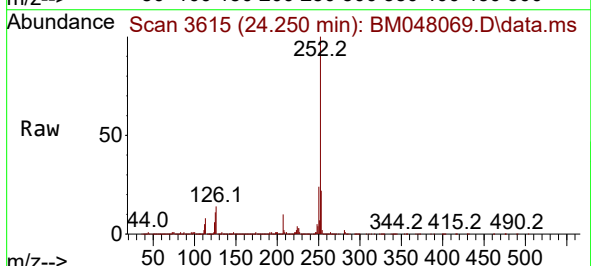
Tgt Ion:252 Resp: 2859479

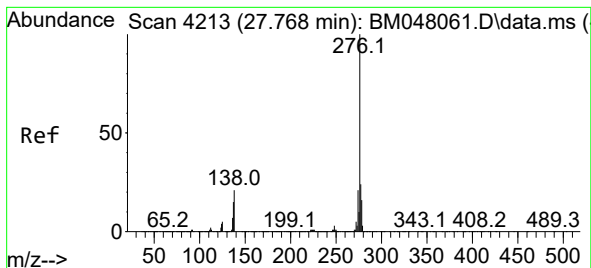
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.7 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 34.873 ng/ul

RT: 27.774 min Scan# 4214

Delta R.T. 0.030 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

Instrument :

BNA_M

ClientSampleId :

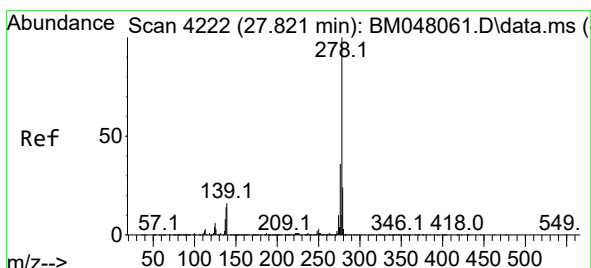
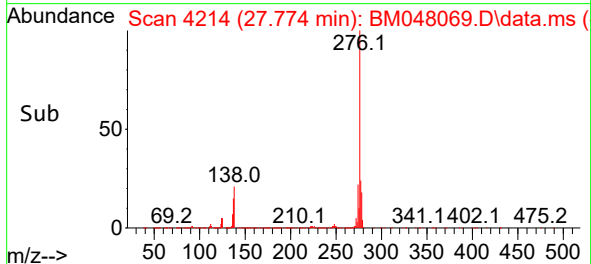
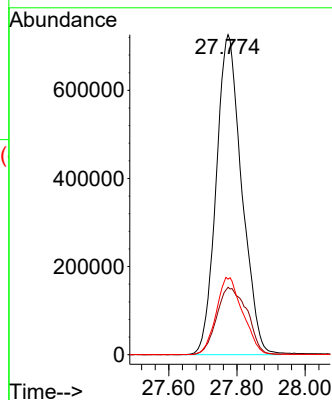
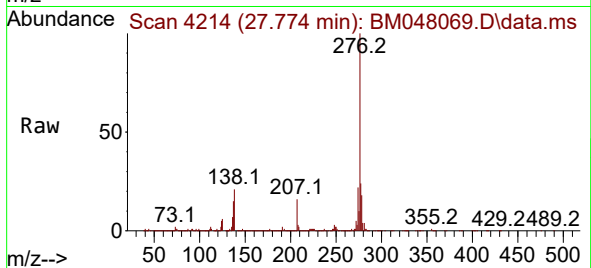
Tgt Ion:276 Resp: 3782161

Ion Ratio Lower Upper

276 100

138 21.1 16.9 25.3

277 23.6 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 34.741 ng/ul

RT: 27.821 min Scan# 4222

Delta R.T. 0.024 min

Lab File: BM048069.D

Acq: 15 Oct 2024 20:25

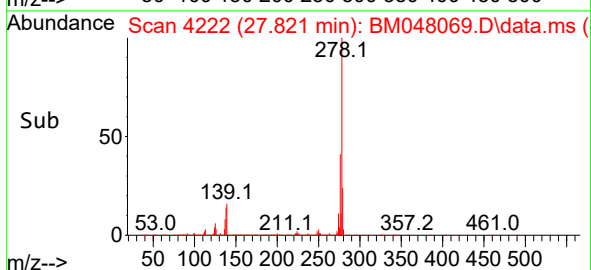
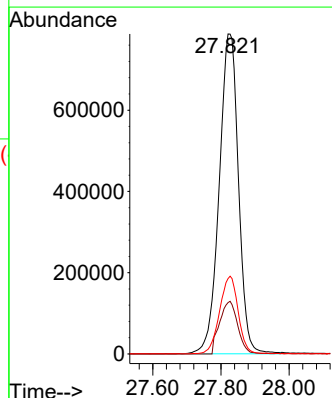
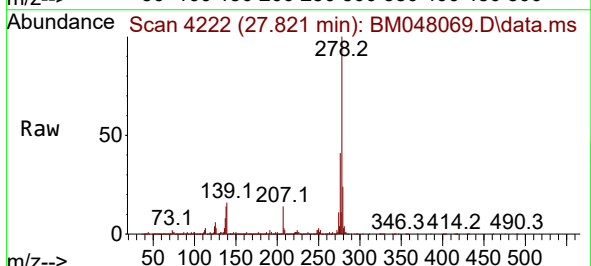
Tgt Ion:278 Resp: 3087807

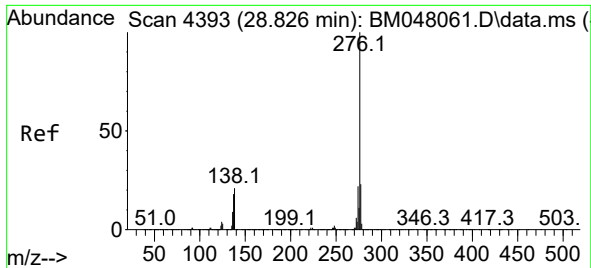
Ion Ratio Lower Upper

278 100

139 16.1 13.4 20.2

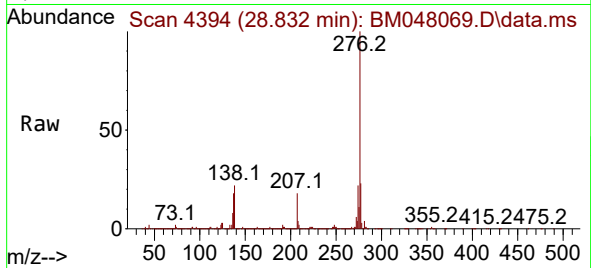
279 23.6 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 34.846 ng/ul
 RT: 28.832 min Scan# 41
 Delta R.T. 0.041 min
 Lab File: BM048069.D
 Acq: 15 Oct 2024 20:25

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 2961078
 Ion Ratio Lower Upper
 276 100
 138 21.6 18.7 28.1
 277 23.4 18.3 27.5

