

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042750.D
 Acq On : 15 Nov 2023 00:59
 Operator : MA/JU
 Sample : PB156765BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 15 03:36:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	25502	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	106619	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.486	164	71045	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	158832	20.000	ng/ul	-0.01
79) Chrysene-d12	21.421	240	176266	20.000	ng/ul	-0.01
88) Perylene-d12	23.786	264	184321	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6692	8.234	ng/uL	0.00
4) Pyridine-d5	3.616	84	90305	44.669	ng/ul	-0.01
7) Phenol-d5	6.998	99	111194	44.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	81720	46.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	83405	43.551	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	83699	42.829	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	39601	42.364	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	44759	40.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	88119	43.338	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	101003	39.123	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	283727	42.197	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	305468	42.460	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.739	143	33558	44.175	ng/ul	0.00
60) Fluorene-d10	15.480	176	238462	42.828	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	50837	42.255	ng/ul	-0.01
73) Anthracene-d10	17.339	188	371909	41.781	ng/ul	-0.01
81) Pyrene-d10	19.633	212	493808	42.781	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.633	264	501360	45.474	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	14920	17.238	ng/uL#	88
5) Pyridine	3.634	79	98612	44.858	ng/ul	95
6) Benzaldehyde	6.998	77	70903	49.791	ng/ul	91
8) Phenol	7.028	94	115839	46.921	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	94716	46.445	ng/ul	94
12) 2-Chlorophenol	7.387	128	86878	45.583	ng/ul	90
13) 2-Methylphenol	8.287	108	81592	44.319	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.345	45	117884	31.754	ng/ul	97
16) Acetophenone	8.687	105	142849	43.471	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.651	70	90749	45.366	ng/ul	91
18) 4-Methylphenol	8.622	108	91007	45.468	ng/ul	96
19) Hexachloroethane	8.887	117	46687	43.949	ng/ul	88
22) Nitrobenzene	9.075	77	131674	46.606	ng/ul	99
23) Isophorone	9.581	82	249820	44.397	ng/ul	97
25) 2-Nitrophenol	9.775	139	48613	43.755	ng/ul	93
26) 2,4-Dimethylphenol	9.822	107	79930	33.625	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	127846	44.961	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	85134	44.223	ng/ul	97
30) Naphthalene	10.698	128	281924	42.207	ng/ul	100
32) 4-Chloroaniline	10.845	127	95805	38.681	ng/ul	97
33) Hexachlorobutadiene	10.916	225	69100	40.635	ng/ul	96
34) Caprolactam	11.669	113	16437	28.796	ng/ul	92
35) 4-Chloro-3-methylphenol	11.951	107	92517	44.850	ng/ul	97
36) 2-Methylnaphthalene	12.310	142	193216	43.160	ng/ul	100

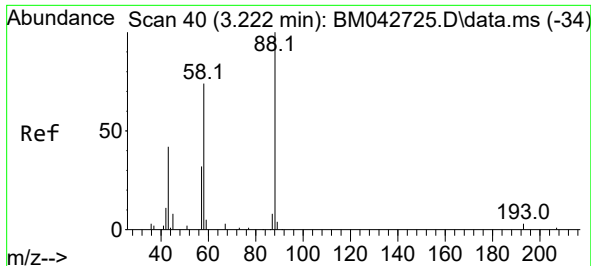
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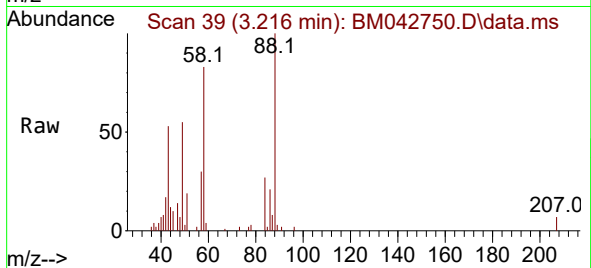
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	193746	41.163	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	120315	43.181	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	37086	28.114	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	74697	43.890	ng/ul	95
42) 2,4,5-Trichlorophenol	12.998	196	78041	47.488	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	262275	44.267	ng/ul	97
44) 2-Chloronaphthalene	13.369	162	209578	43.970	ng/ul	98
45) 2-Nitroaniline	13.622	65	80173	51.576	ng/ul	94
47) Dimethylphthalate	13.957	163	288195	44.005	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	54960	44.669	ng/ul	92
50) Acenaphthylene	14.216	152	358690	44.495	ng/ul	99
51) 3-Nitroaniline	14.451	138	44315	44.046	ng/ul	92
52) Acenaphthene	14.551	153	239736	43.973	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	25597	41.841	ng/ul	86
55) 4-Nitrophenol	14.751	109	54518	45.605	ng/ul	93
56) Dibenzofuran	14.892	168	337038	44.540	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	85334	47.242	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.110	232	76816	45.030	ng/ul#	94
59) Diethylphthalate	15.310	149	298805	43.510	ng/ul	100
61) Fluorene	15.539	166	297678	46.335	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	158571	45.799	ng/ul	96
63) 4-Nitroaniline	15.621	138	43041	46.925	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	51714	42.220	ng/ul	92
67) N-Nitrosodiphenylamine	15.757	169	225490	45.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	92460	43.733	ng/ul	95
69) Hexachlorobenzene	16.510	284	113622	43.962	ng/ul	96
70) Atrazine	16.710	200	85803	44.716	ng/ul	99
71) Pentachlorophenol	16.874	266	63705	42.804	ng/ul	98
72) Phenanthrene	17.286	178	452020	45.555	ng/ul	98
74) Anthracene	17.374	178	448792	44.966	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.274	216	123354	43.921	ng/uL	98
76) Pentachlorobenzene	14.780	250	132743	45.045	ng/uL	99
77) Carbazole	17.668	167	369793	44.871	ng/ul	98
78) Di-n-butylphthalate	18.186	149	528587	43.862	ng/ul	98
80) Fluoranthene	19.298	202	577815	43.904	ng/ul	98
82) Pyrene	19.662	202	616699	44.193	ng/ul	96
83) Butylbenzylphthalate	20.545	149	248638	41.715	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.356	252	170784	37.857	ng/ul	99
85) Benzo(a)anthracene	21.409	228	613168	44.314	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	370011	40.916	ng/ul	100
87) Chrysene	21.462	228	601363	44.813	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	639790	42.971	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	605862	48.165	ng/ul#	98
91) Benzo(k)fluoranthene	23.103	252	636192	47.511	ng/ul	99
93) Benzo(a)pyrene	23.686	252	586407	47.841	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	741012	48.644	ng/ul	99
95) Dibenzo(a,h)anthracene	26.274	278	610791	48.363	ng/ul	99
96) Benzo(g,h,i)perylene	27.032	276	570785	47.186	ng/ul	98

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

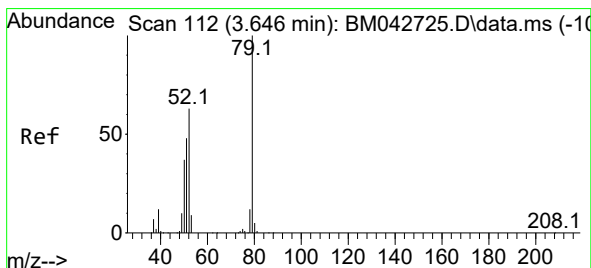
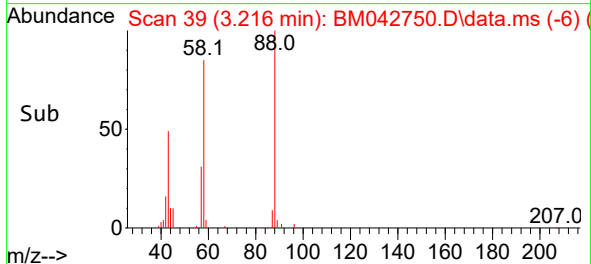
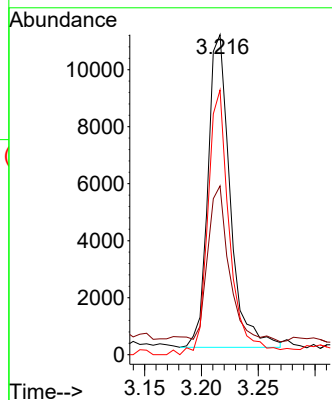


#2
1,4-Dioxane
Concen: 17.238 ng/uL
RT: 3.216 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM042750.D
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Instrument :
BNA_M
ClientSampleId :

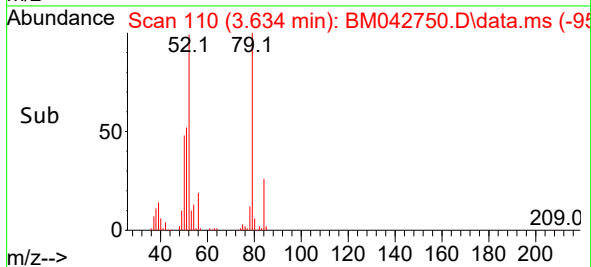
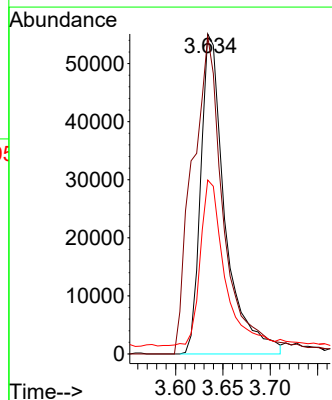
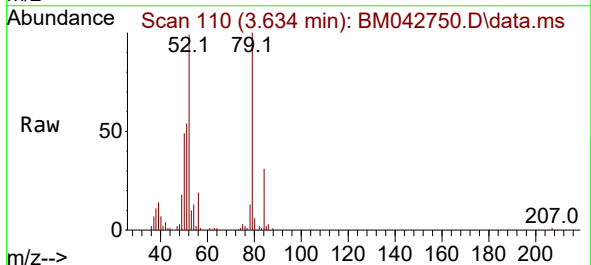


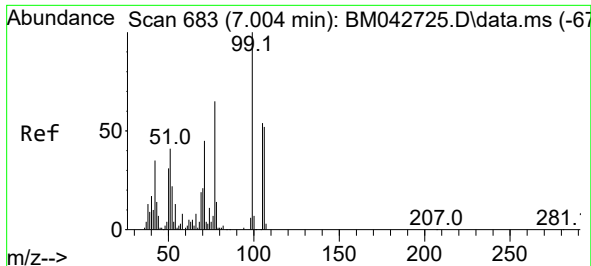
Tgt Ion: 88 Resp: 14920
Ion Ratio Lower Upper
88 100
43 52.8 34.3 51.5#
58 82.7 59.4 89.0



#5
Pyridine
Concen: 44.858 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion: 79 Resp: 98612
Ion Ratio Lower Upper
79 100
52 99.2 74.6 111.8
51 54.3 44.6 67.0

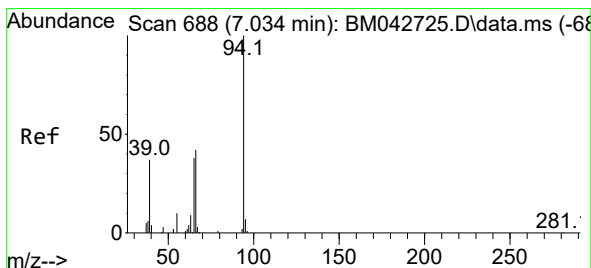
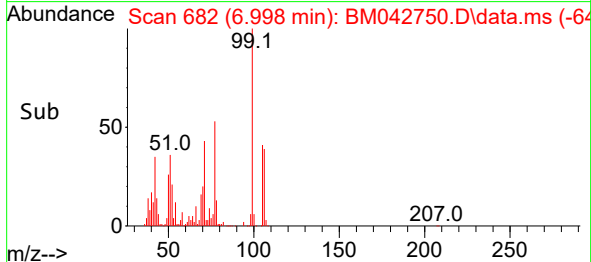
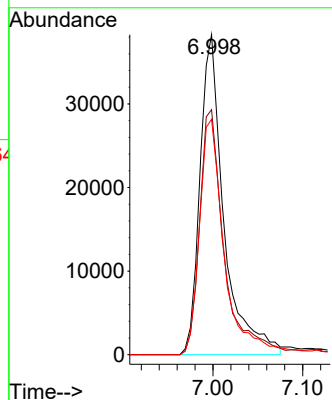
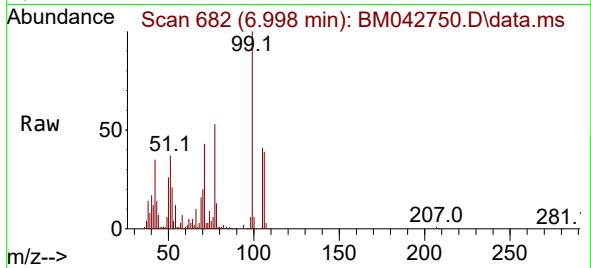




#6
Benzaldehyde
Concen: 49.791 ng/ul
RT: 6.998 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

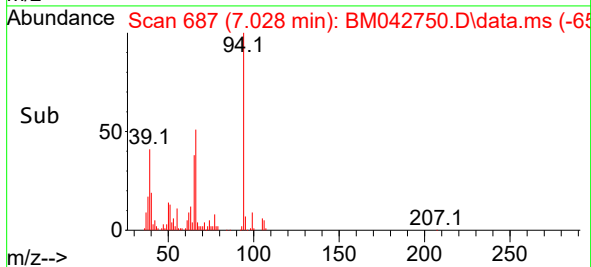
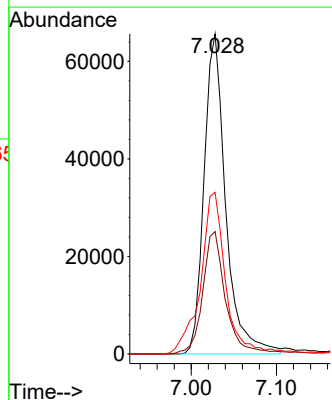
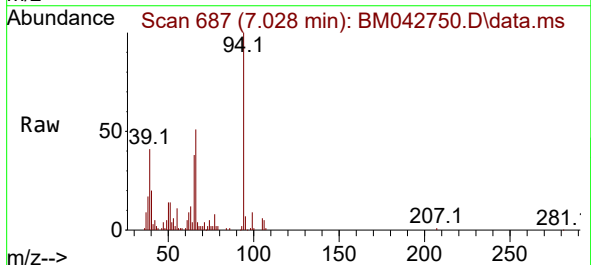
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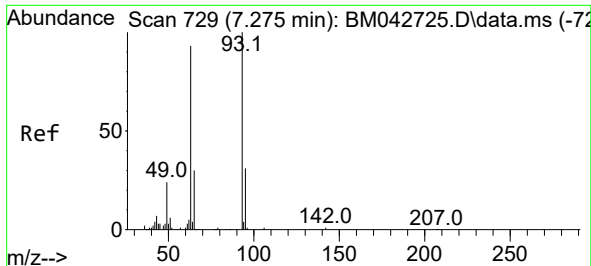
Tgt Ion: 77 Resp: 70903
Ion Ratio Lower Upper
77 100
105 76.6 69.6 104.4
106 73.6 64.2 96.2



#8
Phenol
Concen: 46.921 ng/ul
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion: 94 Resp: 115839
Ion Ratio Lower Upper
94 100
65 38.2 30.3 45.5
66 50.5 39.9 59.9

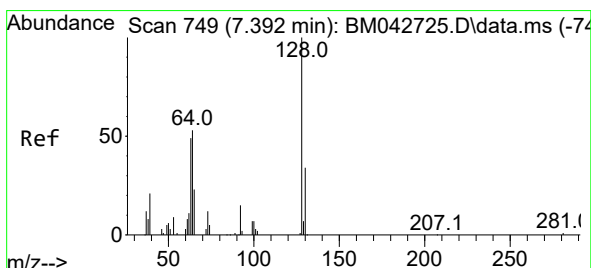
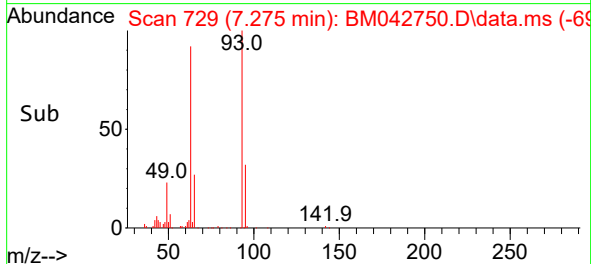
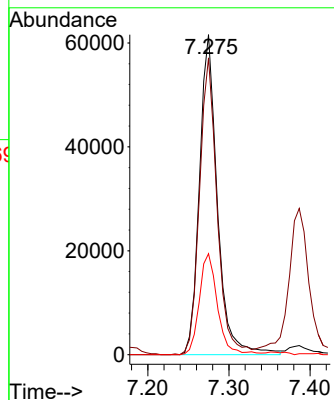
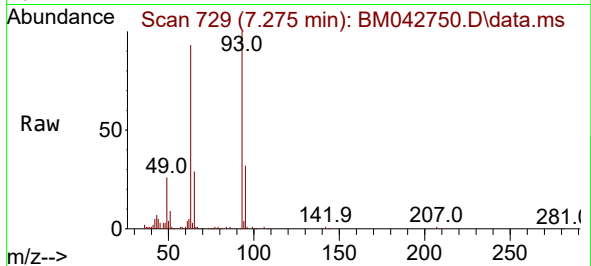




#10
 Bis(2-Chloroethyl)ether
 Concen: 46.445 ng/ul
 RT: 7.275 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BM042750.D
 Acq: 15 Nov 2023 00:59

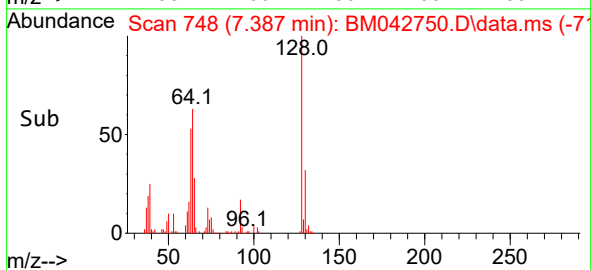
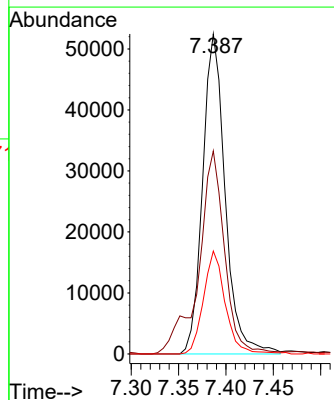
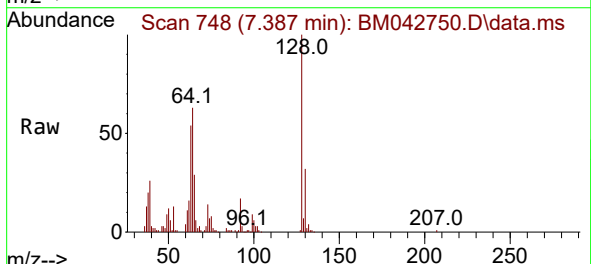
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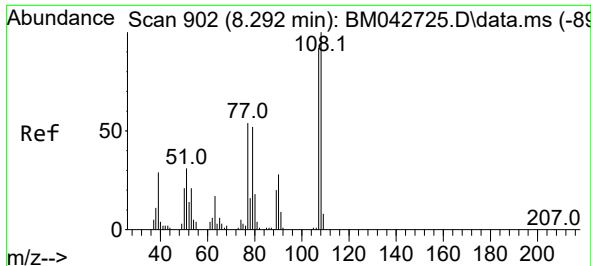
Tgt Ion: 93 Resp: 94716
 Ion Ratio Lower Upper
 93 100
 63 92.8 68.6 102.8
 95 31.5 24.8 37.2



#12
 2-Chlorophenol
 Concen: 45.583 ng/ul
 RT: 7.387 min Scan# 748
 Delta R.T. -0.012 min
 Lab File: BM042750.D
 Acq: 15 Nov 2023 00:59

Tgt Ion: 128 Resp: 86878
 Ion Ratio Lower Upper
 128 100
 64 63.5 42.9 64.3
 130 32.1 23.9 35.9





#13

2-Methylphenol

Concen: 44.319 ng/ul

RT: 8.287 min Scan# 902

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

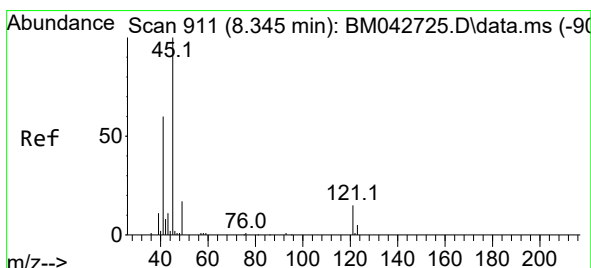
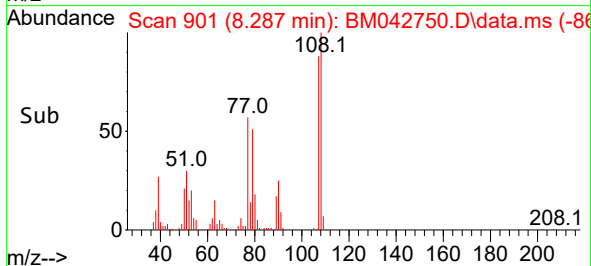
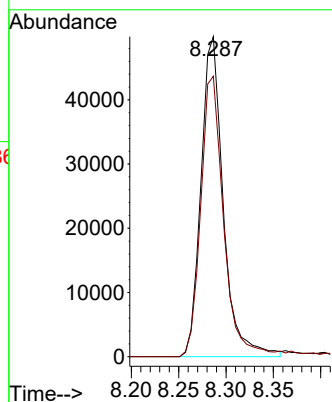
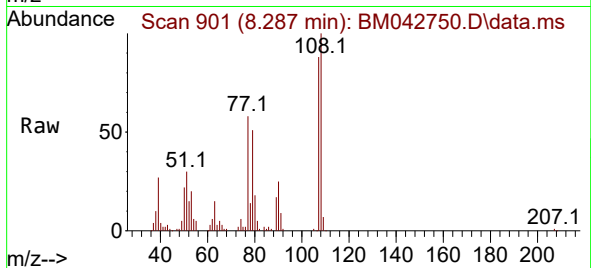
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Tgt Ion:108 Resp: 81592

Ion Ratio Lower Upper

108 100

107 87.6 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.754 ng/ul

RT: 8.345 min Scan# 911

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

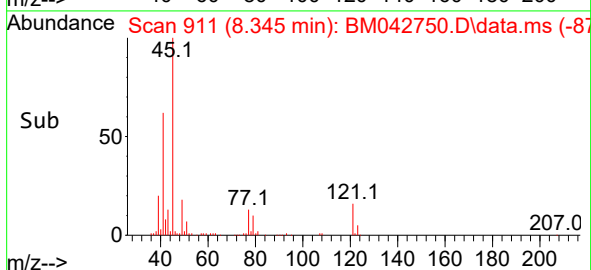
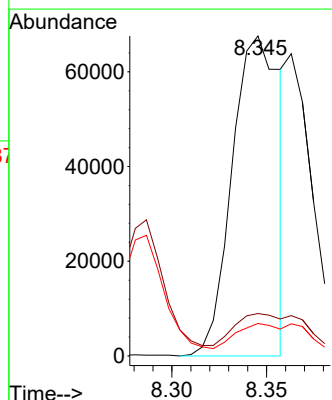
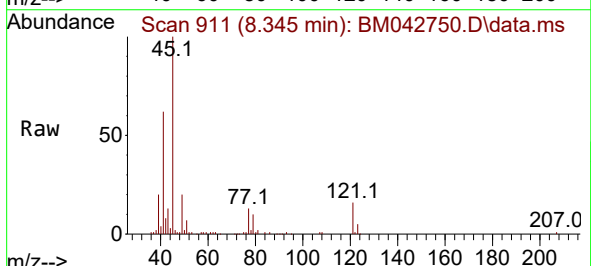
Tgt Ion: 45 Resp: 117884

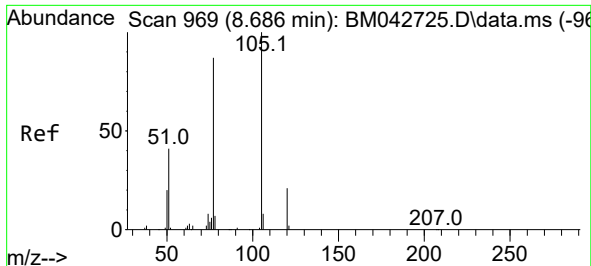
Ion Ratio Lower Upper

45 100

77 13.2 12.2 18.2

79 10.2 8.2 12.2

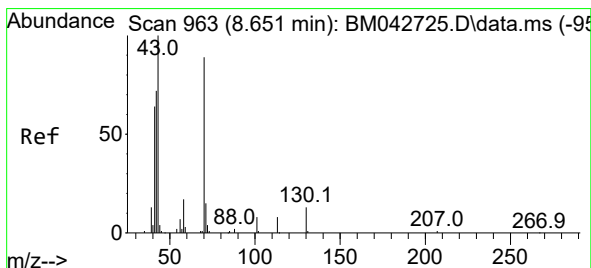
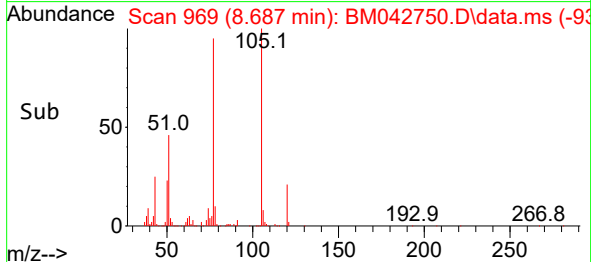
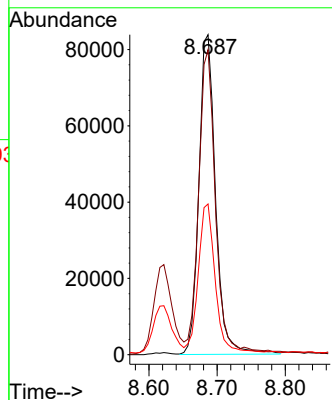
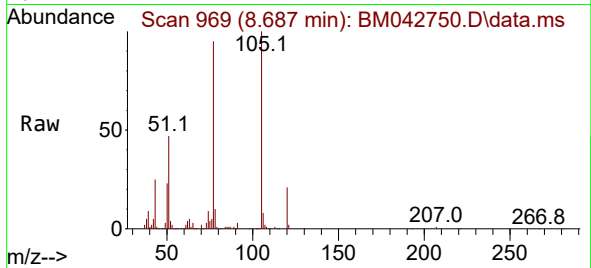




#16
Acetophenone
Concen: 43.471 ng/ul
RT: 8.687 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

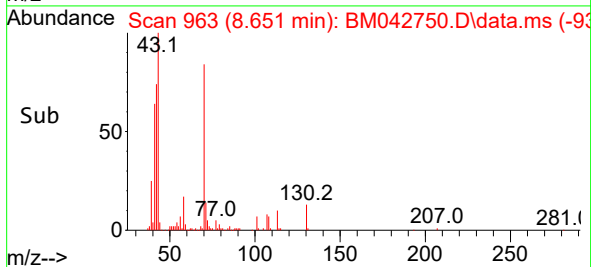
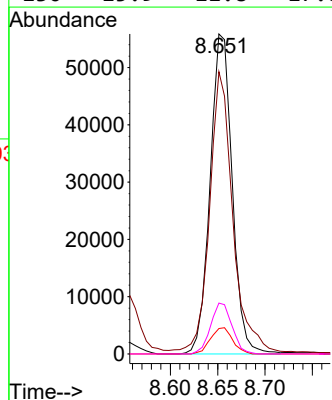
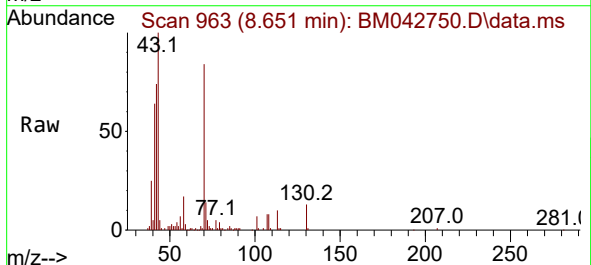
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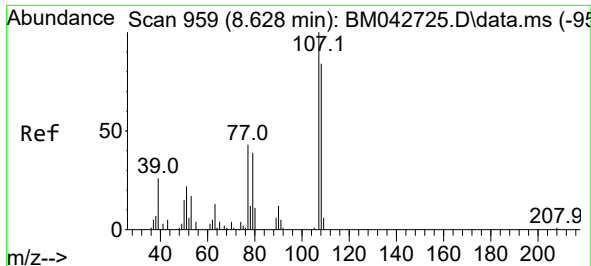
Tgt Ion:105 Resp: 142849
Ion Ratio Lower Upper
105 100
77 95.3 71.6 107.4
51 47.1 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 45.366 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion: 70 Resp: 90749
Ion Ratio Lower Upper
70 100
42 88.2 63.0 94.6
101 8.0 7.0 10.4
130 15.9 11.8 17.8

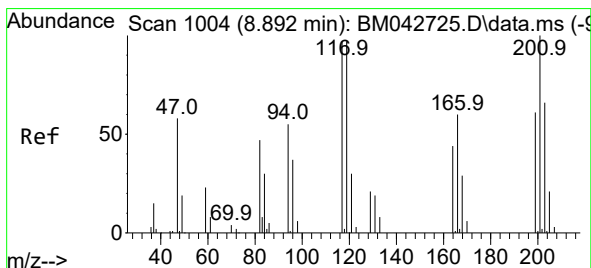
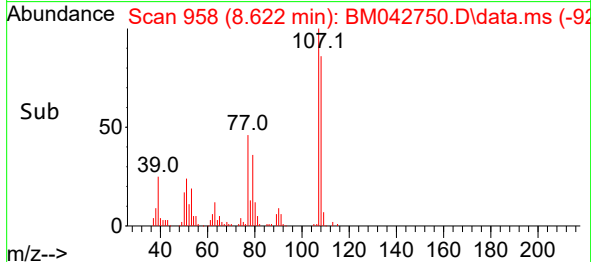
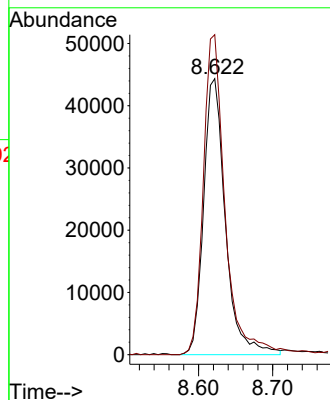
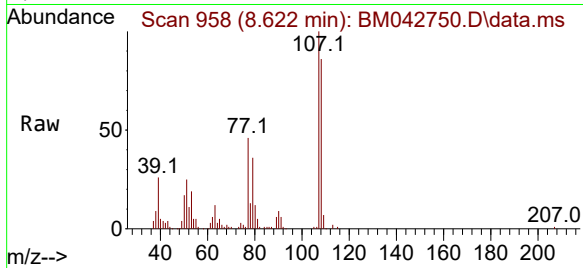




#18
4-Methylphenol
Concen: 45.468 ng/ul
RT: 8.622 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

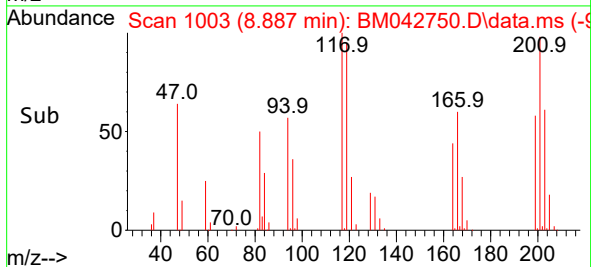
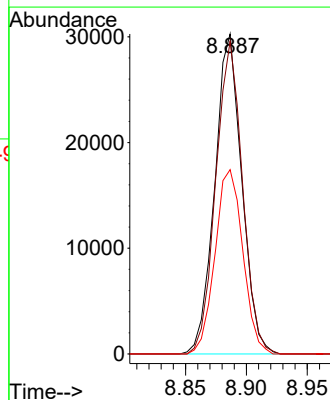
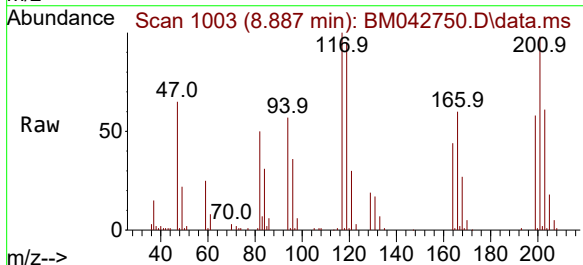
Instrument :
BNA_M
ClientSampleId :

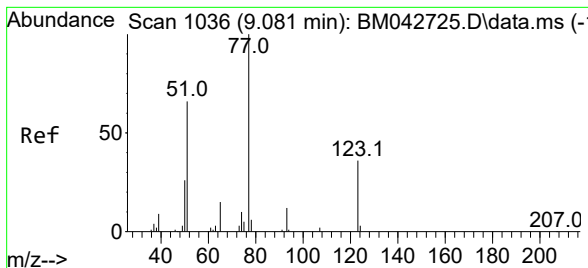
Tgt Ion:108 Resp: 91007
Ion Ratio Lower Upper
108 100
107 116.0 89.4 134.0



#19
Hexachloroethane
Concen: 43.949 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:117 Resp: 46687
Ion Ratio Lower Upper
117 100
201 97.7 90.0 135.0
199 57.6 52.2 78.4

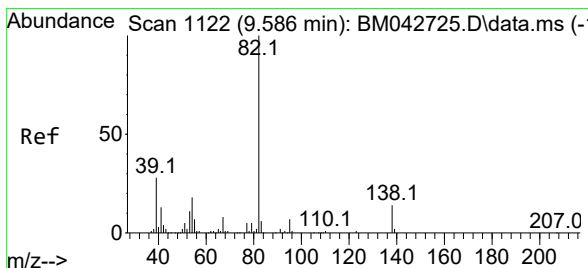
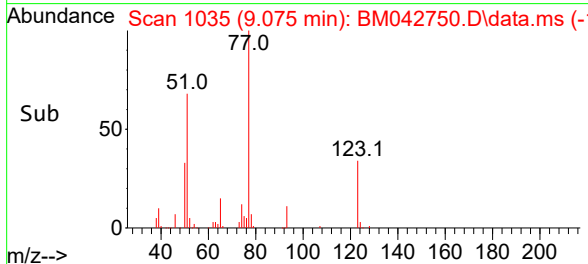
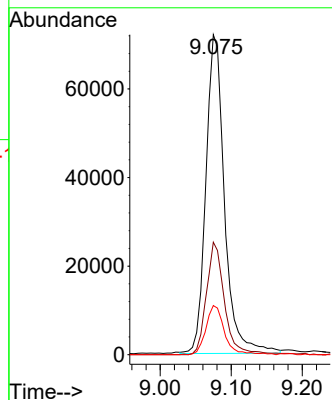
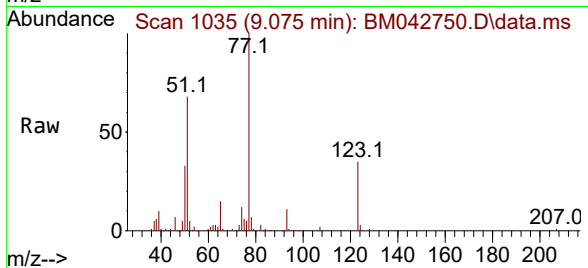




#22
Nitrobenzene
Concen: 46.606 ng/ul
RT: 9.075 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

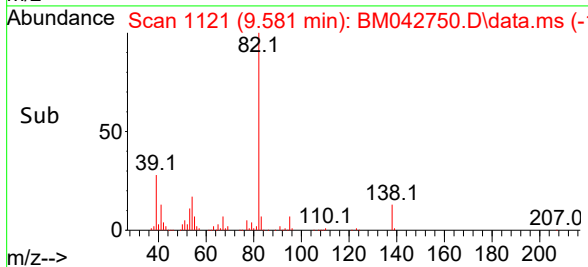
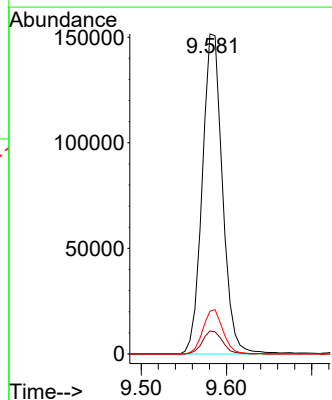
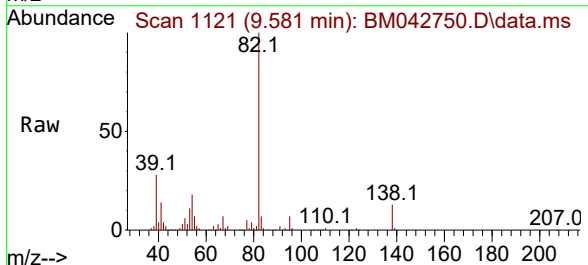
Instrument :
BNA_M
ClientSampleId :

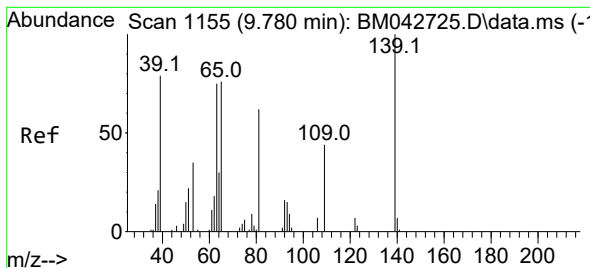
Tgt Ion: 77 Resp: 131674
Ion Ratio Lower Upper
77 100
123 35.2 28.4 42.6
65 15.4 12.4 18.6



#23
Isophorone
Concen: 44.397 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion: 82 Resp: 249820
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 13.4 12.1 18.1

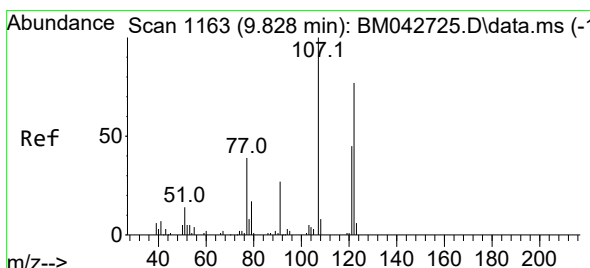
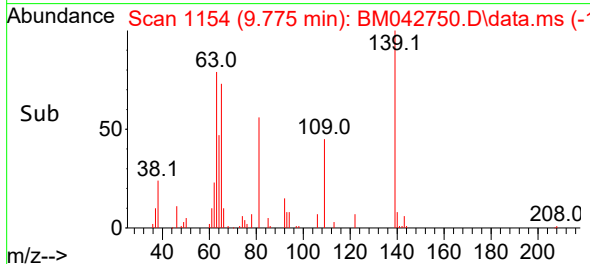
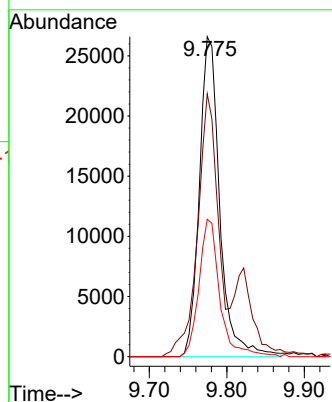
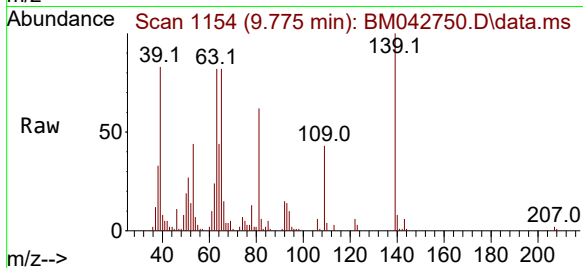




#25
2-Nitrophenol
Concen: 43.755 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

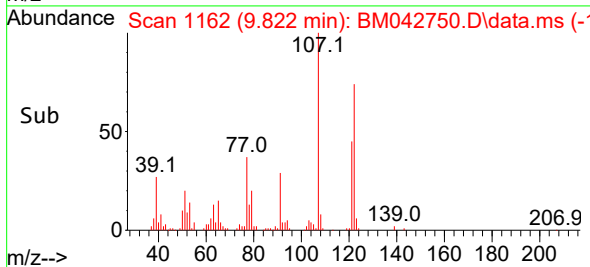
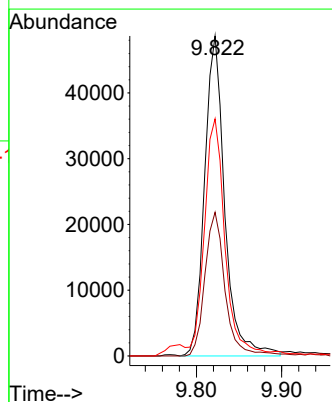
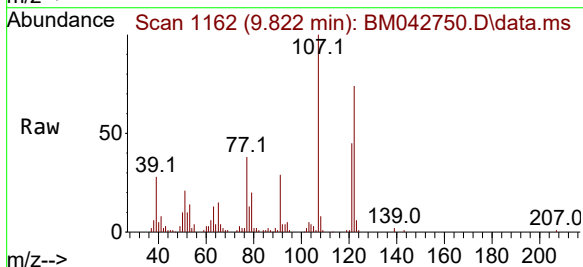
Instrument :
BNA_M
ClientSampleId :

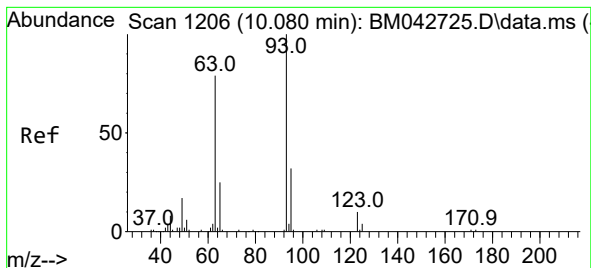
Tgt Ion:139 Resp: 48613
Ion Ratio Lower Upper
139 100
65 82.2 59.1 88.7
109 43.0 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 33.625 ng/ul
RT: 9.822 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:107 Resp: 79930
Ion Ratio Lower Upper
107 100
121 44.9 38.0 57.0
122 74.1 60.5 90.7

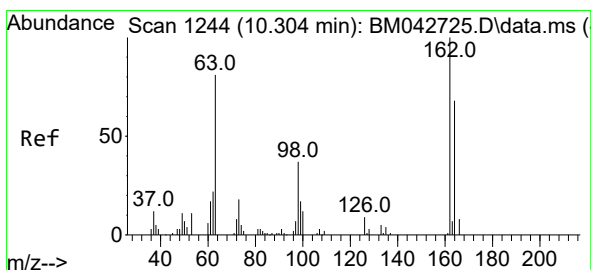
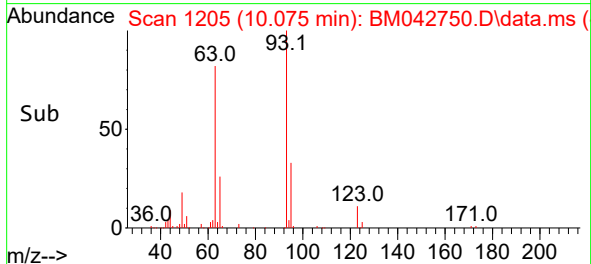
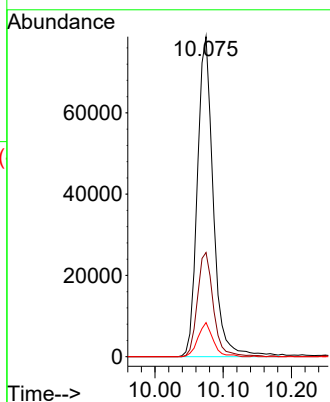
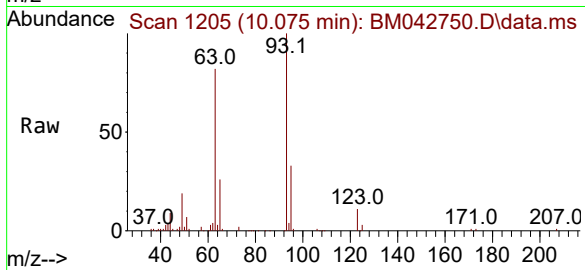




#27
 Bis(2-Chloroethoxy)methane
 Concen: 44.961 ng/ul
 RT: 10.075 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BM042750.D
 Acq: 15 Nov 2023 00:59

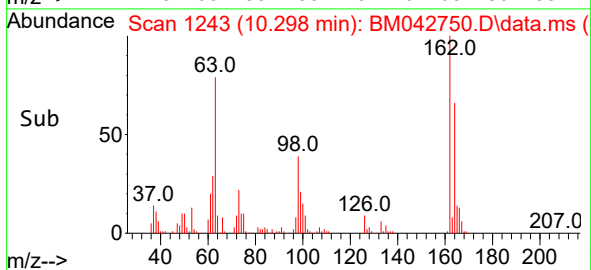
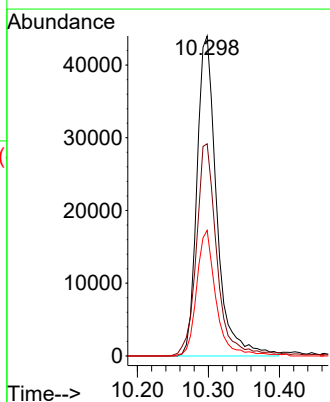
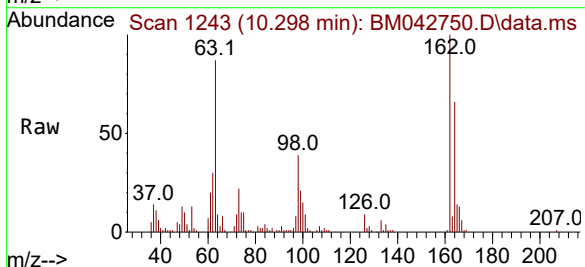
Instrument :
 BNA_M
 ClientSampleId :

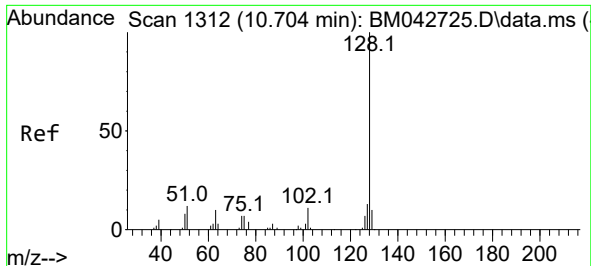
Tgt Ion: 93 Resp: 127846
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.7 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 44.223 ng/ul
 RT: 10.298 min Scan# 1243
 Delta R.T. -0.006 min
 Lab File: BM042750.D
 Acq: 15 Nov 2023 00:59

Tgt Ion:162 Resp: 85134
 Ion Ratio Lower Upper
 162 100
 164 66.3 53.4 80.2
 98 39.3 28.4 42.6

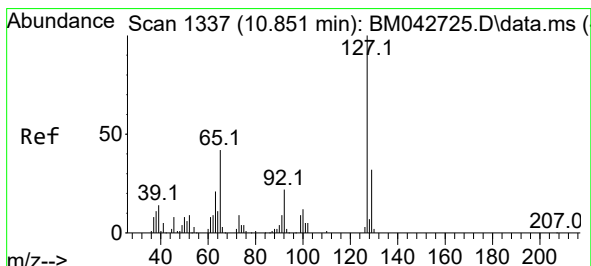
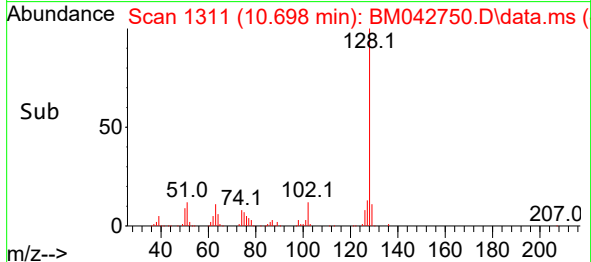
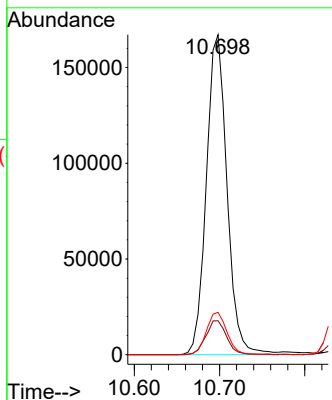
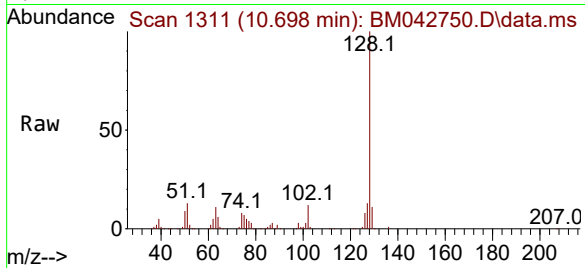




#30
Naphthalene
Concen: 42.207 ng/ul
RT: 10.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

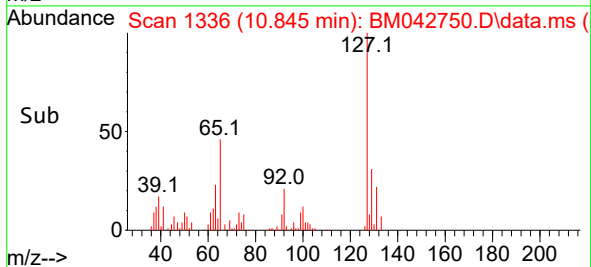
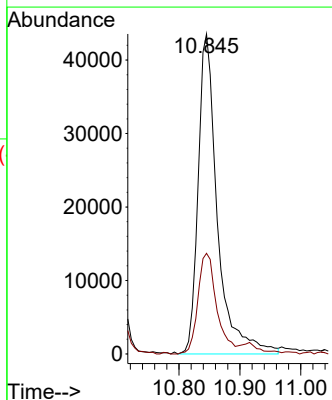
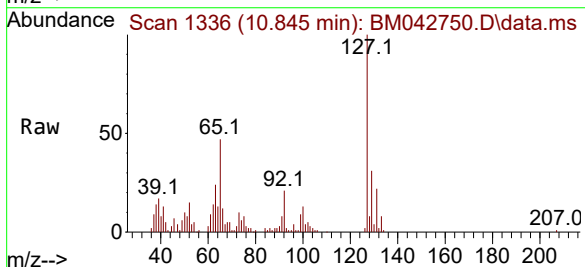
Instrument :
BNA_M
ClientSampleId :

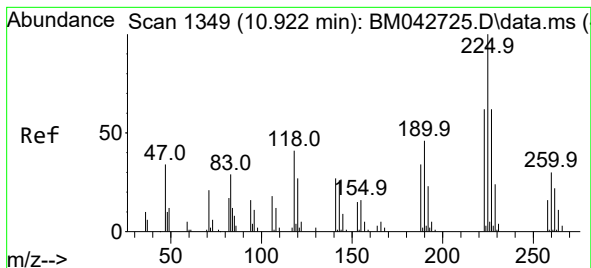
Tgt Ion:128 Resp: 281924
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 38.681 ng/ul
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:127 Resp: 95805
Ion Ratio Lower Upper
127 100
129 31.4 26.7 40.1





#33

Hexachlorobutadiene

Concen: 40.635 ng/ul

RT: 10.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

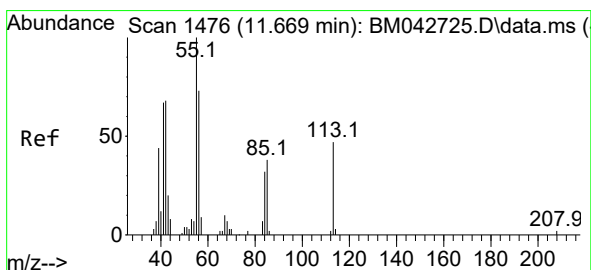
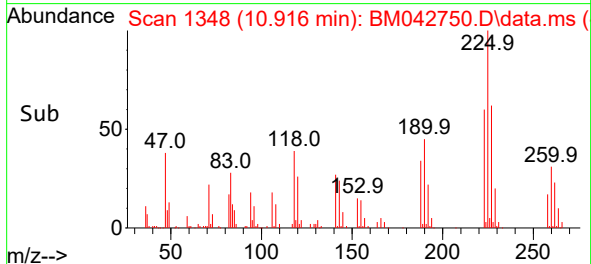
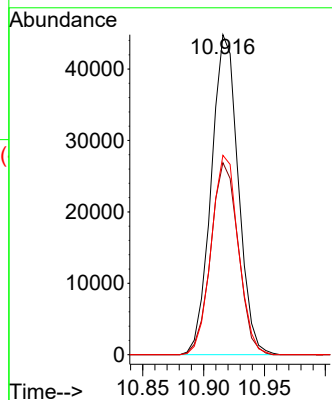
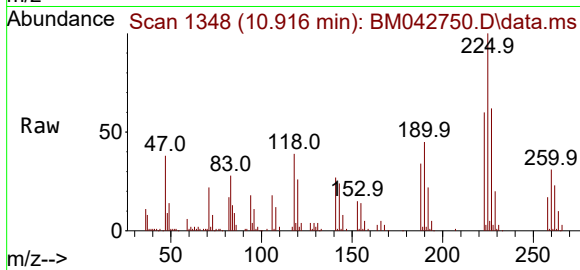
Tgt Ion:225 Resp: 69100

Ion Ratio Lower Upper

225 100

223 60.0 53.0 79.4

227 62.3 50.5 75.7



#34

Caprolactam

Concen: 28.796 ng/ul

RT: 11.669 min Scan# 1476

Delta R.T. -0.029 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

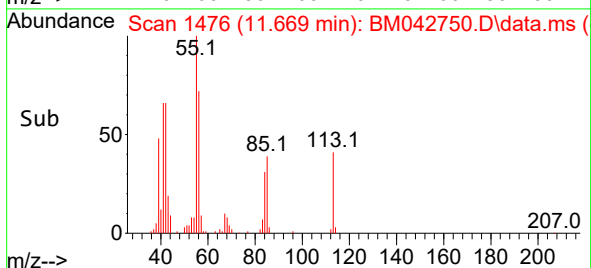
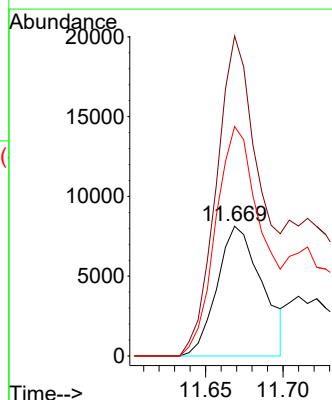
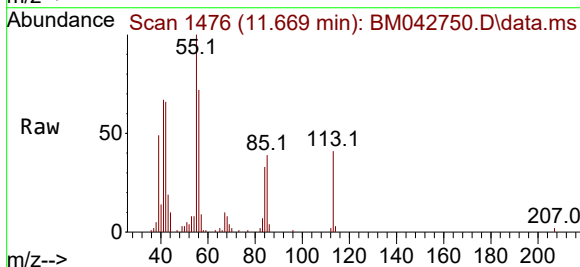
Tgt Ion:113 Resp: 16437

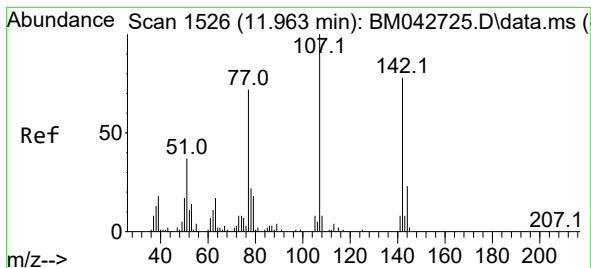
Ion Ratio Lower Upper

113 100

55 246.6 184.2 276.2

56 176.8 134.3 201.5

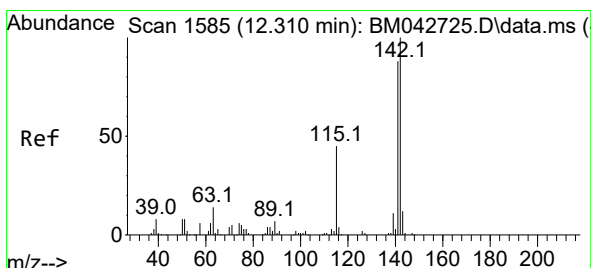
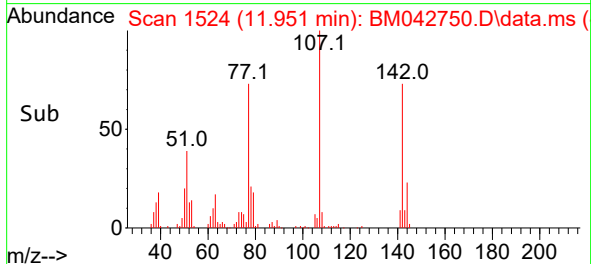
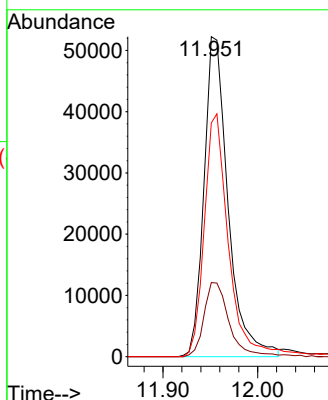
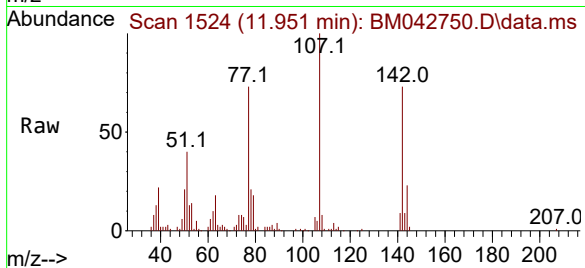




#35
4-Chloro-3-methylphenol
Concen: 44.850 ng/ul
RT: 11.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

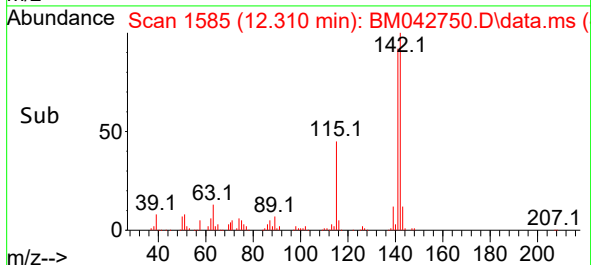
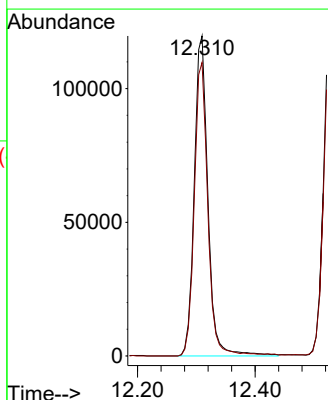
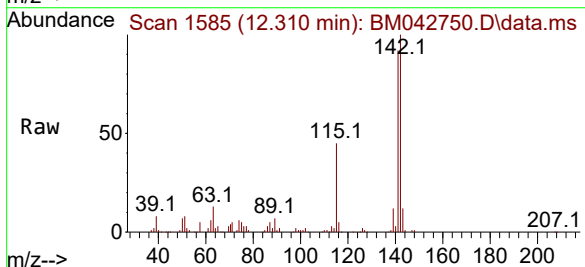
Instrument :
BNA_M
ClientSampleId :

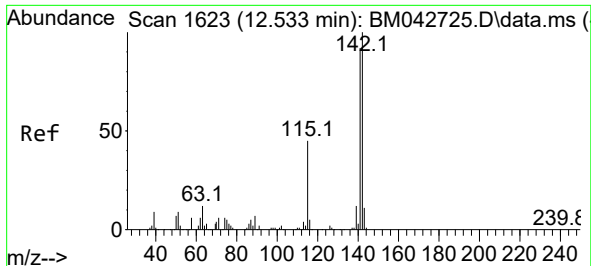
Tgt Ion:107 Resp: 92517
Ion Ratio Lower Upper
107 100
144 23.2 18.3 27.5
142 73.1 56.3 84.5



#36
2-Methylnaphthalene
Concen: 43.160 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:142 Resp: 193216
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4

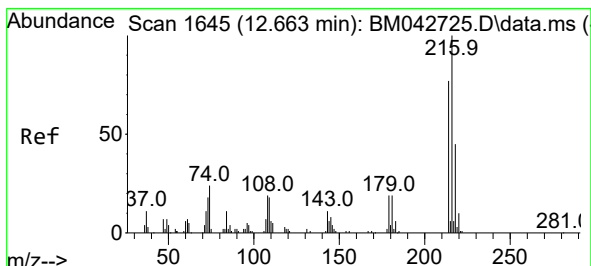
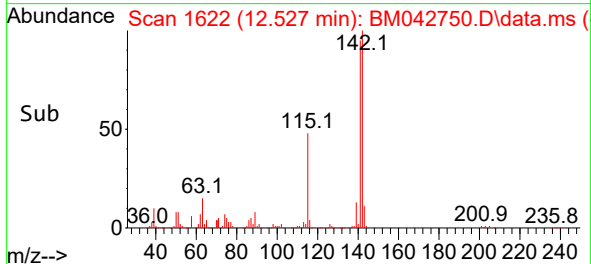
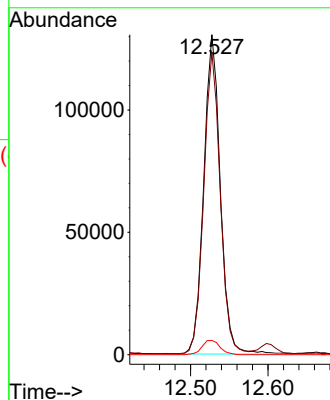
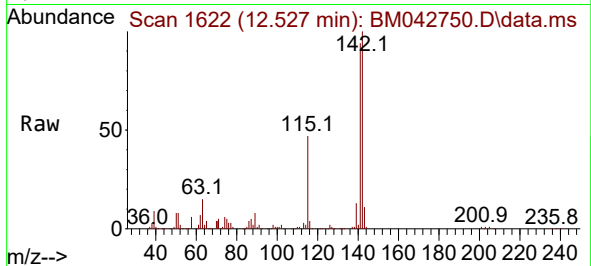




#37
1-Methylnaphthalene
Concen: 41.163 ng/ul
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

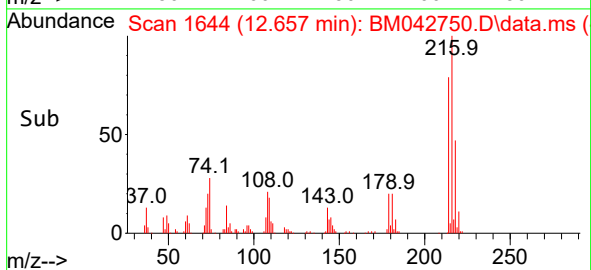
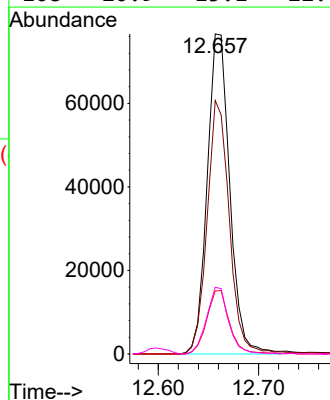
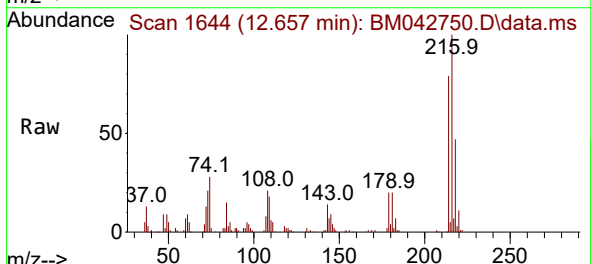
Instrument :
BNA_M
ClientSampleId :

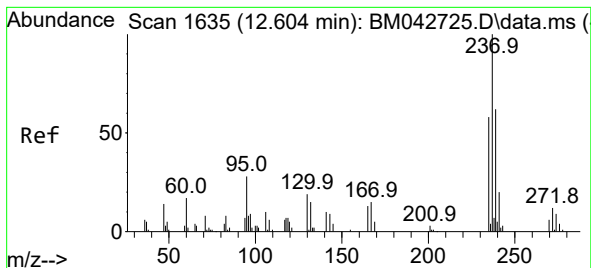
Tgt Ion:142 Resp: 193746
Ion Ratio Lower Upper
142 100
141 94.4 73.3 109.9
116 4.5 3.9 5.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.181 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:216 Resp: 120315
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 19.7 15.5 23.3
108 20.9 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 28.114 ng/ul

RT: 12.598 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

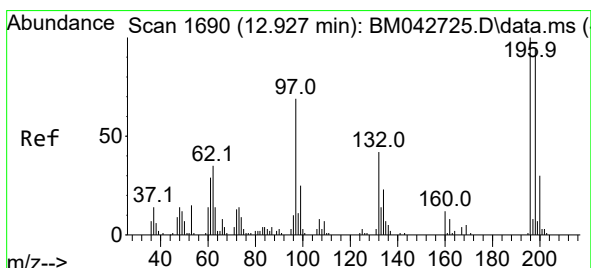
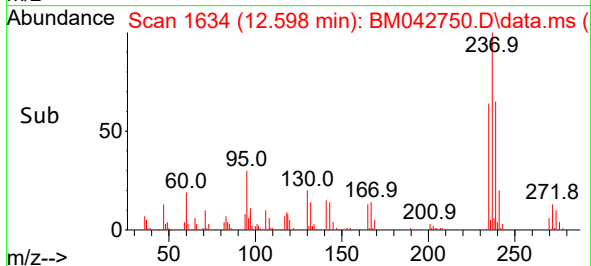
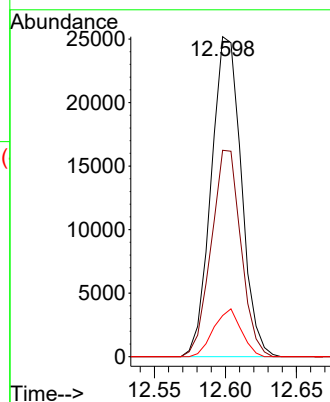
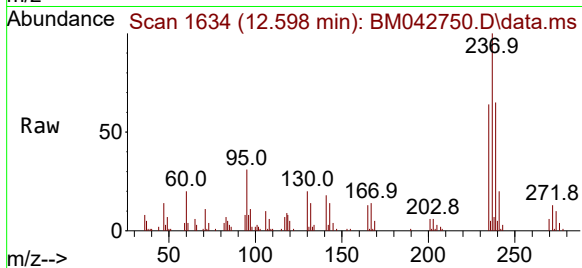
Tgt Ion:237 Resp: 37086

Ion Ratio Lower Upper

237 100

235 64.5 53.3 79.9

272 12.8 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 43.890 ng/ul

RT: 12.922 min Scan# 1689

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

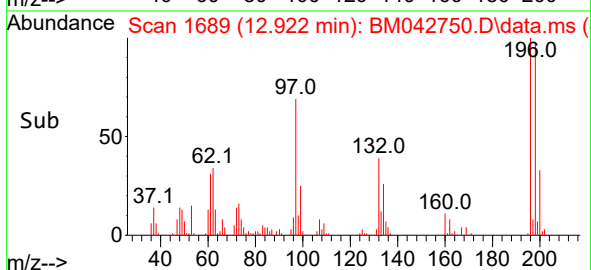
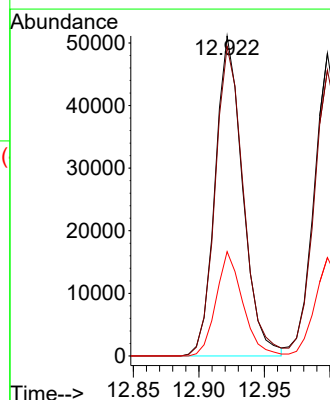
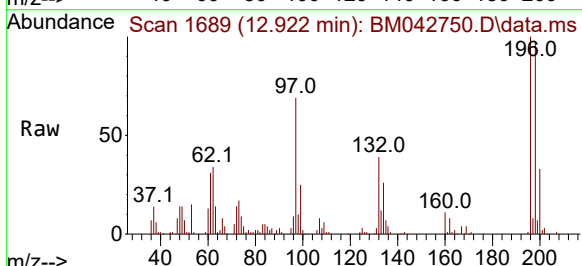
Tgt Ion:196 Resp: 74697

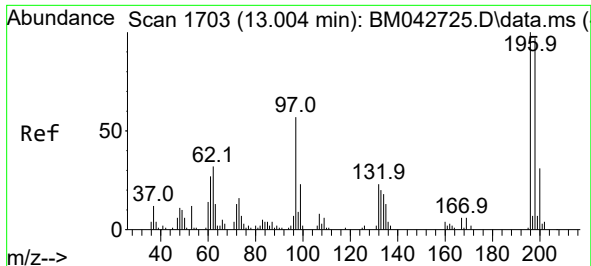
Ion Ratio Lower Upper

196 100

198 96.7 81.0 121.4

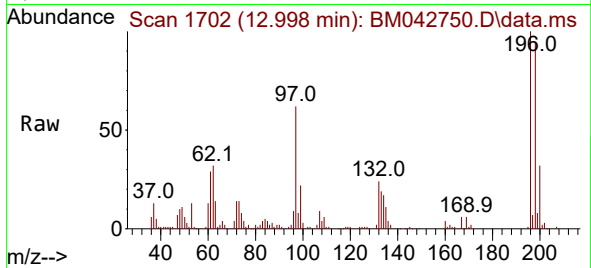
200 32.6 24.1 36.1



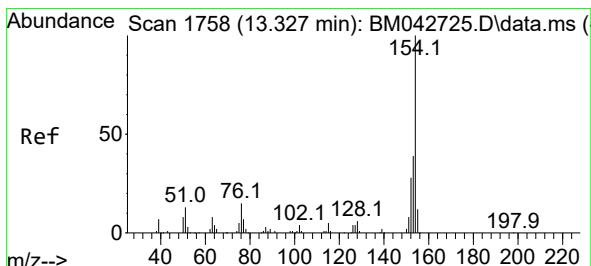
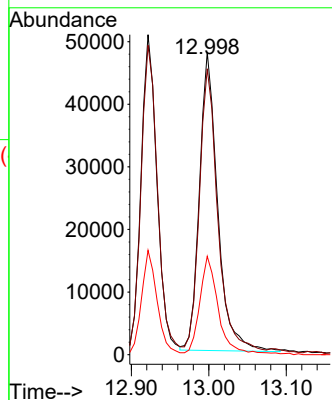
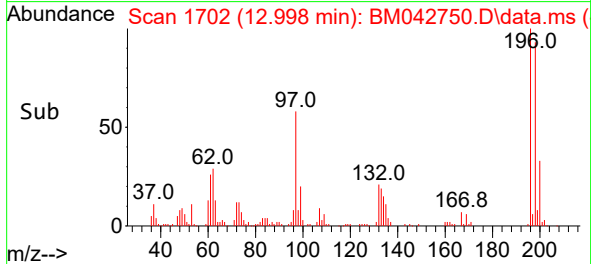


#42
2,4,5-Trichlorophenol
Concen: 47.488 ng/ul
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

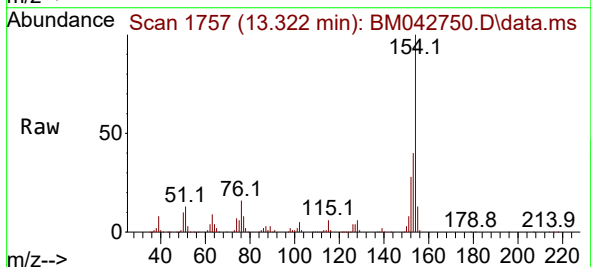
Instrument :
BNA_M
ClientSampleId :



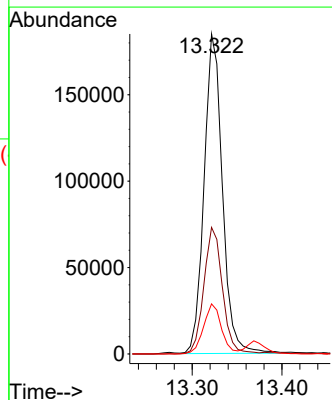
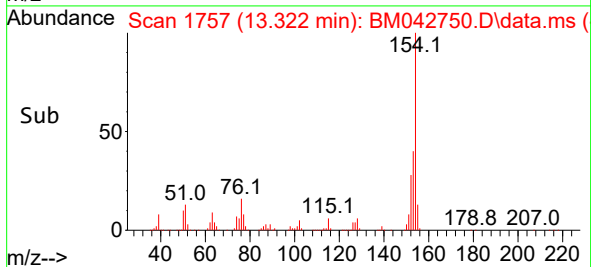
Tgt Ion:196 Resp: 78041
Ion Ratio Lower Upper
196 100
198 94.4 77.4 116.0
200 32.5 26.2 39.4

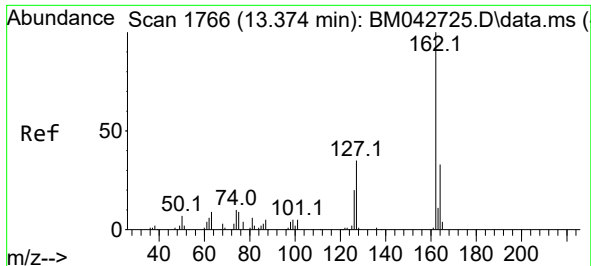


#43
1,1'-Biphenyl
Concen: 44.267 ng/ul
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59



Tgt Ion:154 Resp: 262275
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 15.6 10.7 16.1

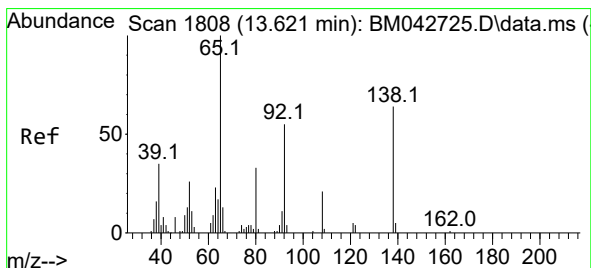
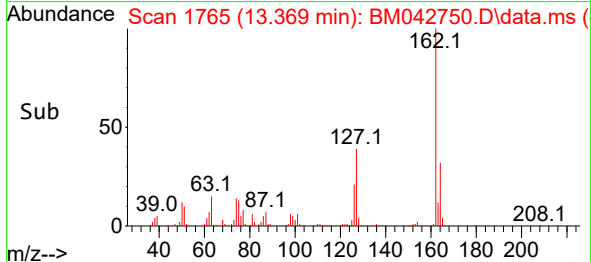
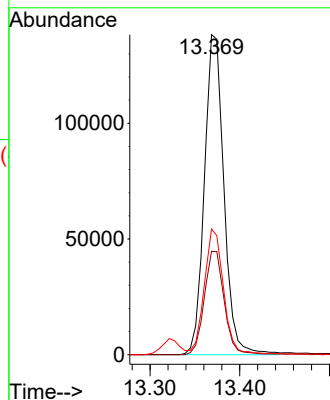
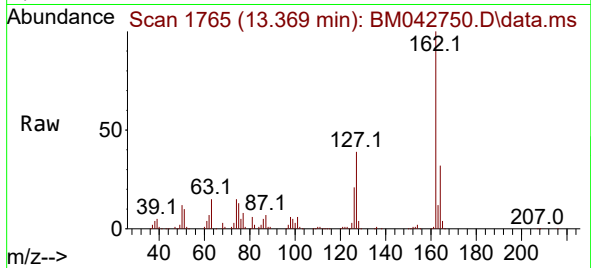




#44
2-Chloronaphthalene
Concen: 43.970 ng/ul
RT: 13.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

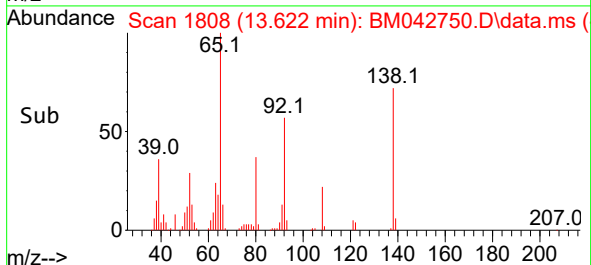
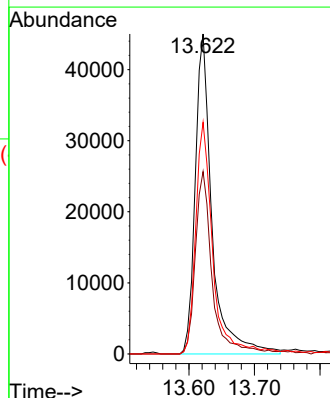
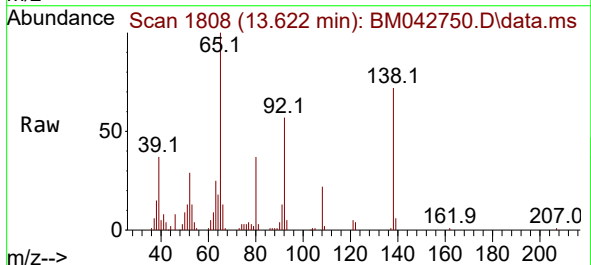
Instrument :
BNA_M
ClientSampleId :

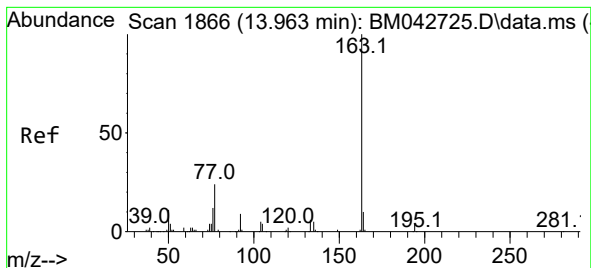
Tgt Ion:162 Resp: 209578
Ion Ratio Lower Upper
162 100
164 32.3 24.2 36.2
127 39.3 30.8 46.2



#45
2-Nitroaniline
Concen: 51.576 ng/ul
RT: 13.622 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion: 65 Resp: 80173
Ion Ratio Lower Upper
65 100
92 57.0 49.1 73.7
138 72.4 61.8 92.8





#47

Dimethylphthalate

Concen: 44.005 ng/ul

RT: 13.957 min Scan# 1865

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

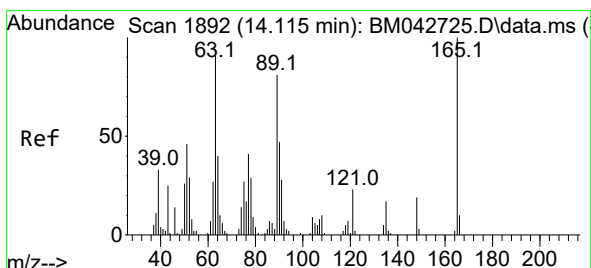
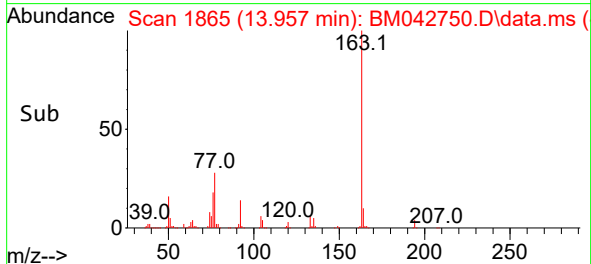
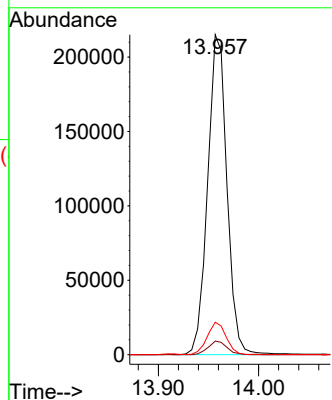
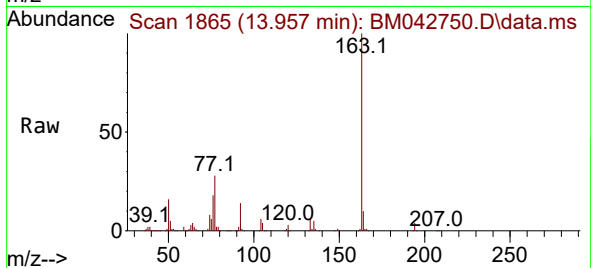
Tgt Ion:163 Resp: 288195

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.1 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 44.669 ng/ul

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

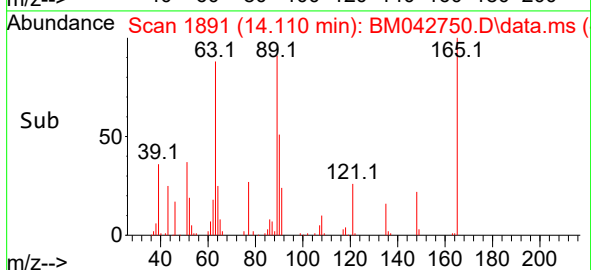
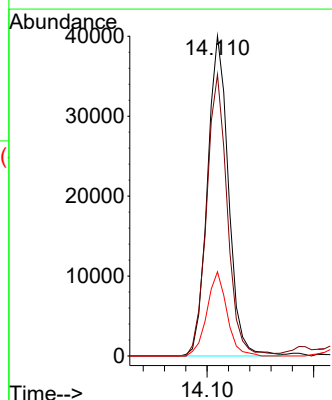
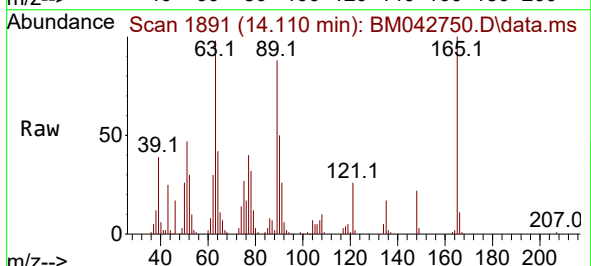
Tgt Ion:165 Resp: 54960

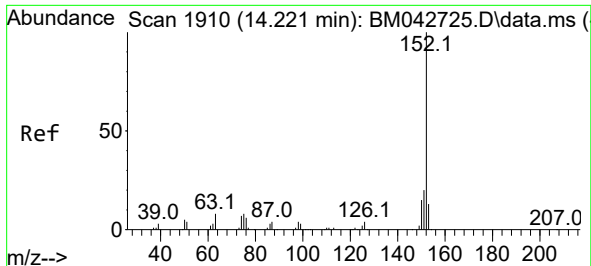
Ion Ratio Lower Upper

165 100

89 88.0 64.1 96.1

121 26.3 18.4 27.6

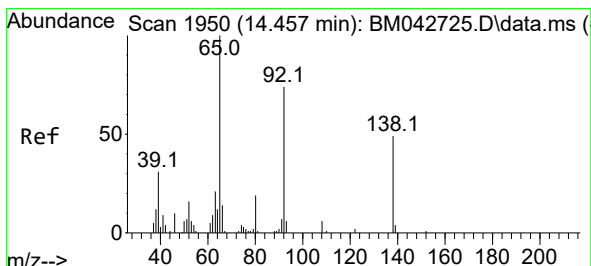
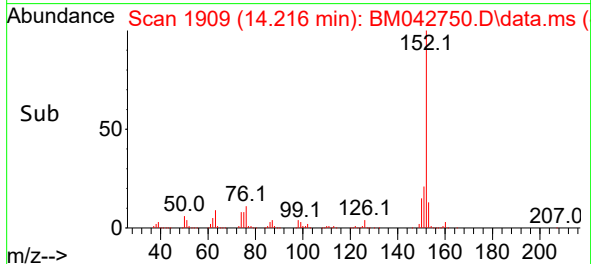
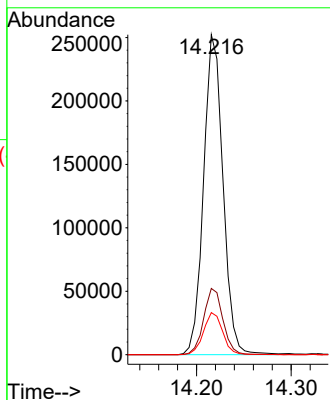
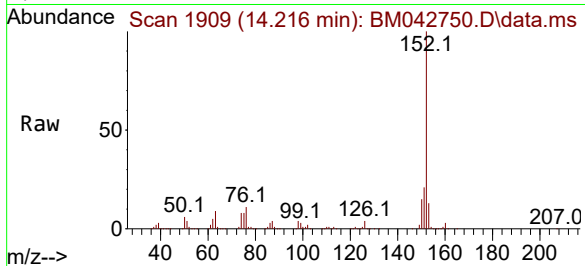




#50
Acenaphthylene
Concen: 44.495 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

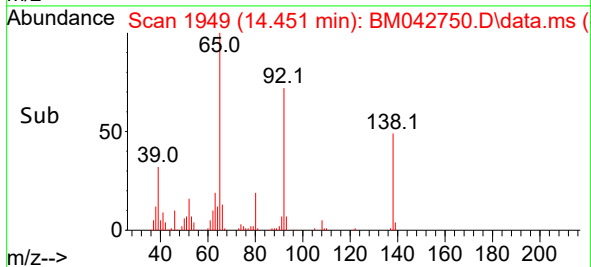
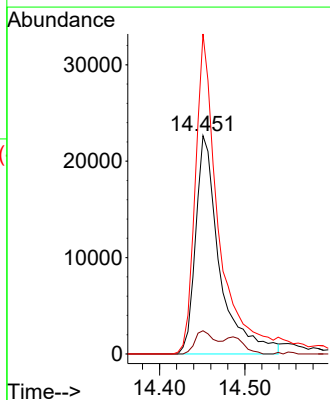
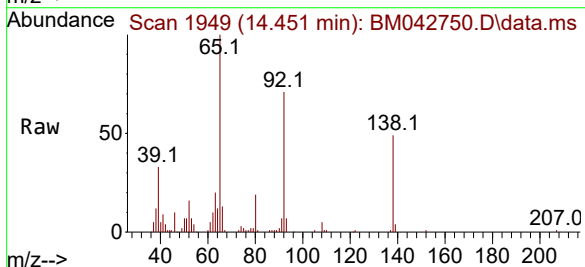
Instrument :
BNA_M
ClientSampleId :

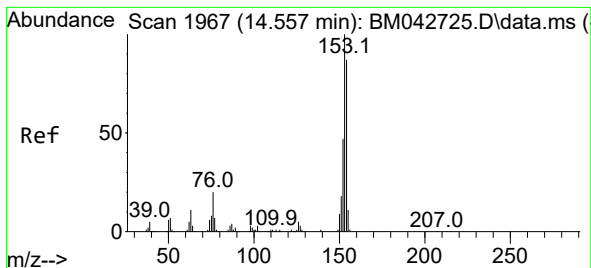
Tgt Ion:152 Resp: 358690
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 44.046 ng/ul
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:138 Resp: 44315
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 146.6 109.4 164.0





#52

Acenaphthene

Concen: 43.973 ng/ul

RT: 14.551 min Scan# 1966

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

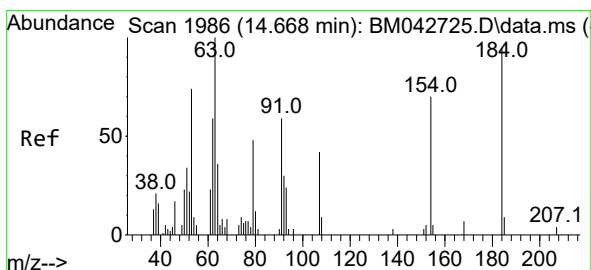
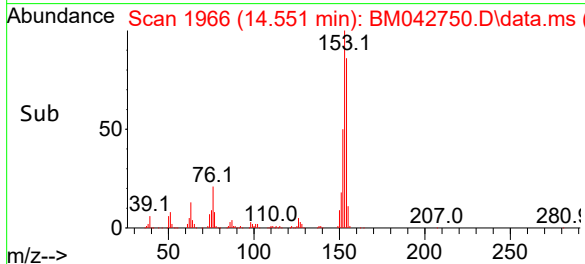
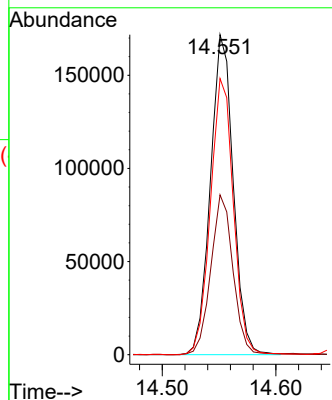
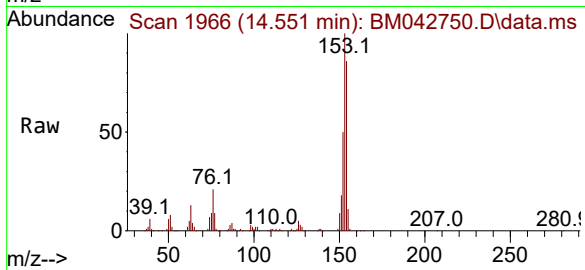
Tgt Ion:153 Resp: 239736

Ion Ratio Lower Upper

153 100

152 50.0 38.2 57.2

154 86.3 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 41.841 ng/ul

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

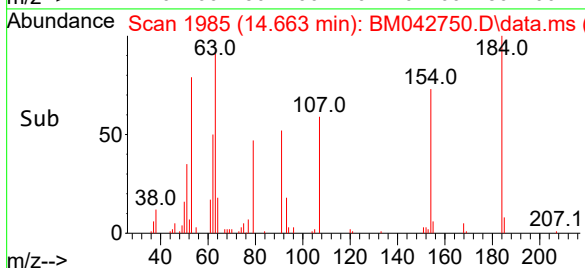
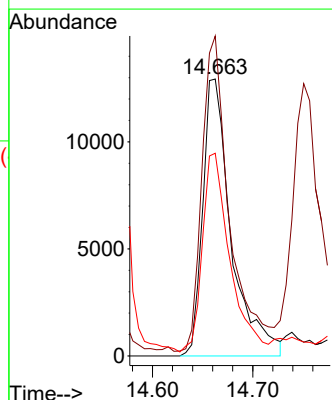
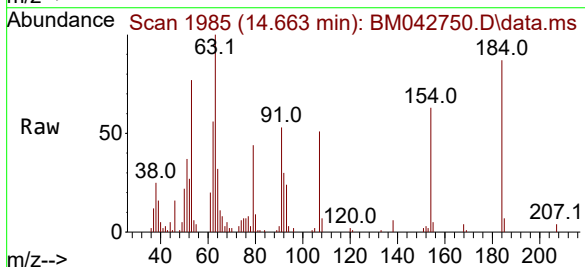
Tgt Ion:184 Resp: 25597

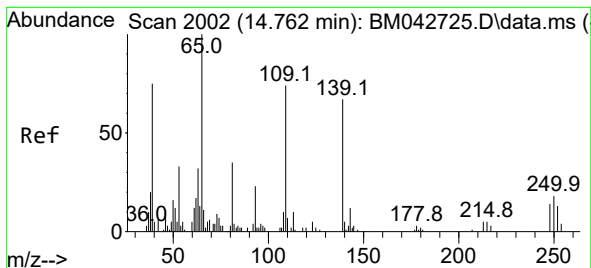
Ion Ratio Lower Upper

184 100

63 115.5 79.1 118.7

154 73.2 65.7 98.5

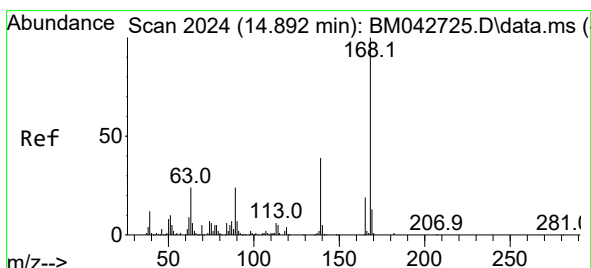
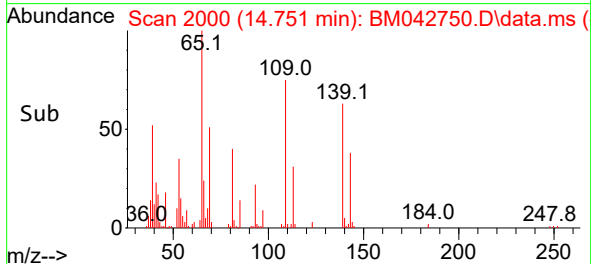
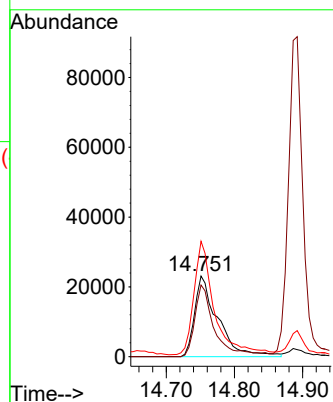
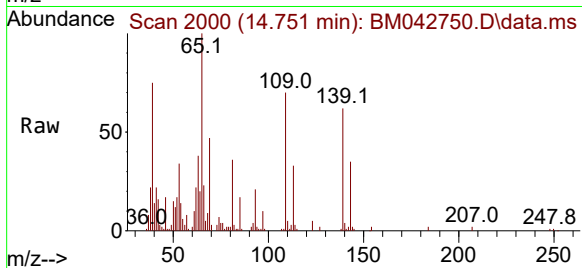




#55
4-Nitrophenol
Concen: 45.605 ng/ul
RT: 14.751 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

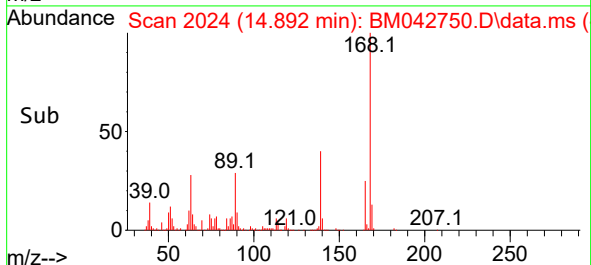
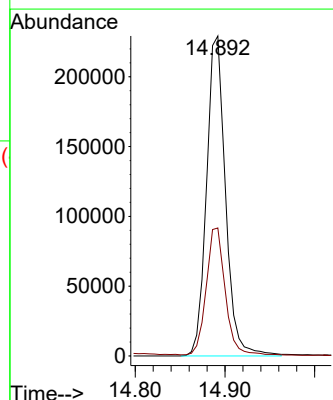
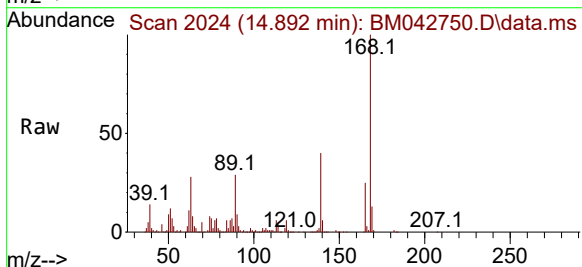
Instrument :
BNA_M
ClientSampleId :

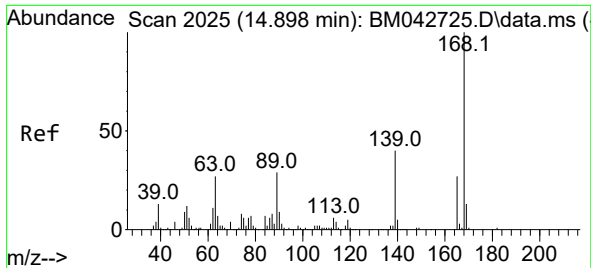
Tgt Ion:109 Resp: 54518
Ion Ratio Lower Upper
109 100
139 89.0 67.1 100.7
65 143.2 107.1 160.7



#56
Dibenzofuran
Concen: 44.540 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:168 Resp: 337038
Ion Ratio Lower Upper
168 100
139 40.0 30.8 46.2





#57

2,4-Dinitrotoluene

Concen: 47.242 ng/ul

RT: 14.892 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

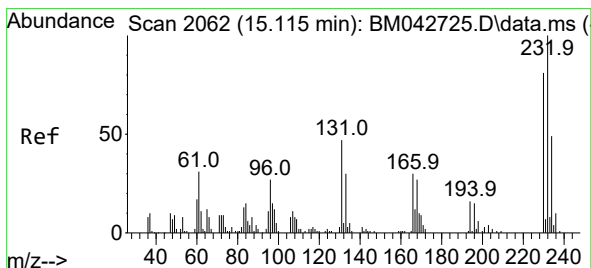
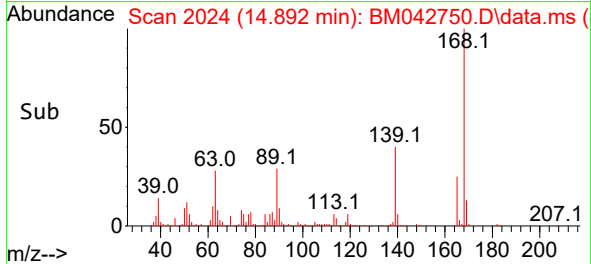
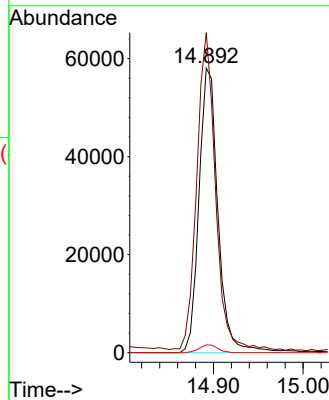
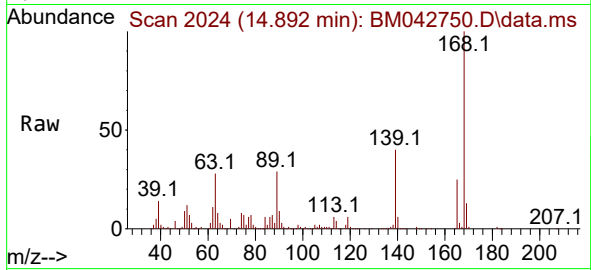
Tgt Ion:165 Resp: 85334

Ion Ratio Lower Upper

165 100

63 112.4 83.5 125.3

182 2.8 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.030 ng/ul

RT: 15.110 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Tgt Ion:232 Resp: 76816

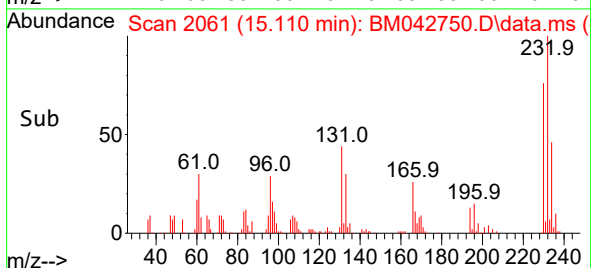
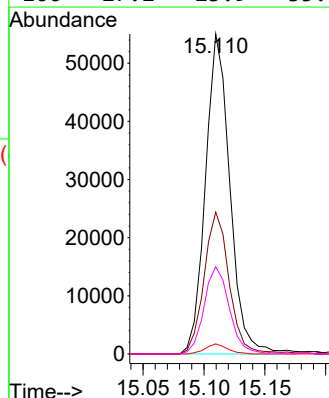
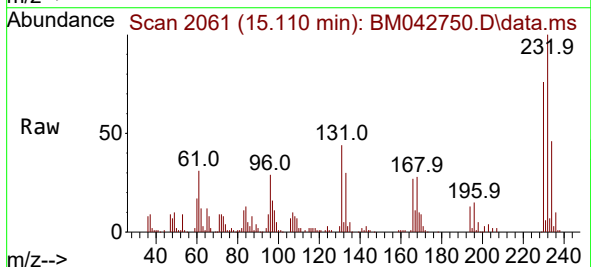
Ion Ratio Lower Upper

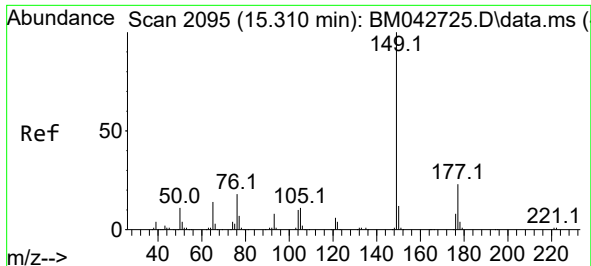
232 100

131 44.4 38.9 58.3

130 3.1 1.9 2.9#

166 27.2 23.9 35.9





#59

Diethylphthalate

Concen: 43.510 ng/ul

RT: 15.310 min Scan# 2095

Delta R.T. -0.006 min

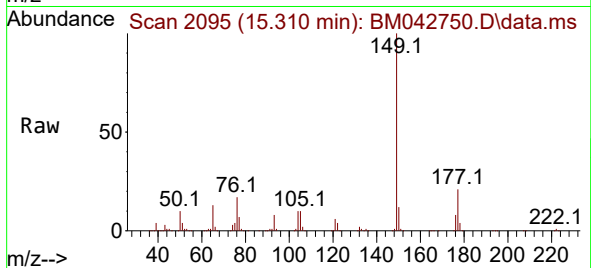
Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :



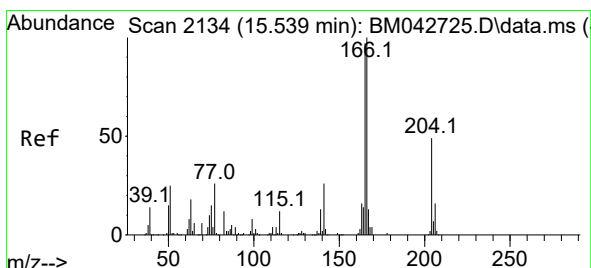
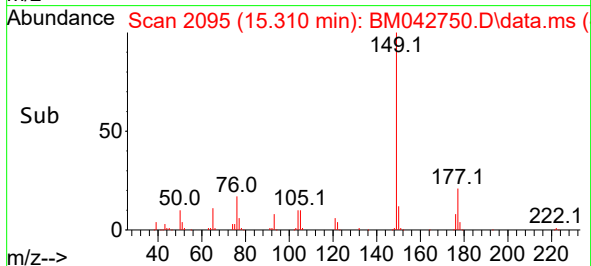
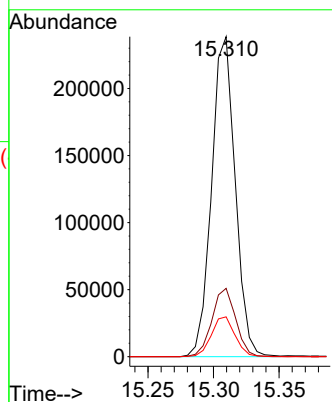
Tgt Ion:149 Resp: 298805

Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

150 12.4 9.7 14.5



#61

Fluorene

Concen: 46.335 ng/ul

RT: 15.539 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

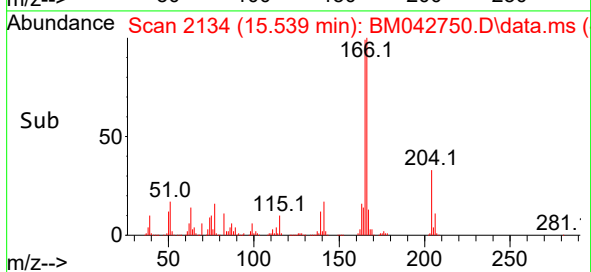
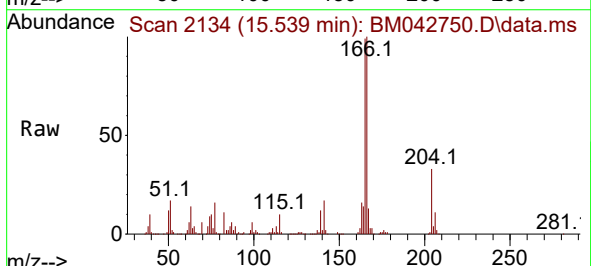
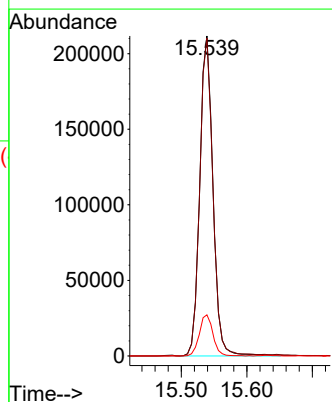
Tgt Ion:166 Resp: 297678

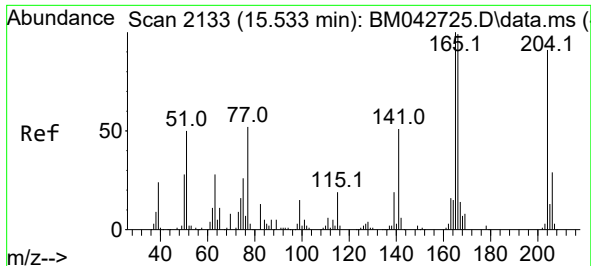
Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

167 12.9 10.6 15.8

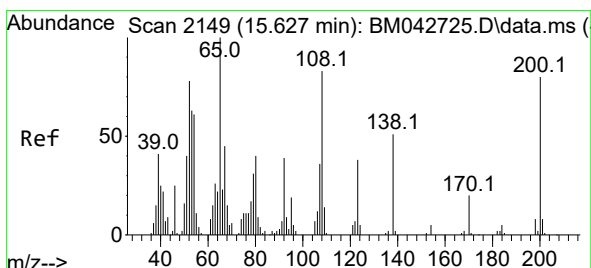
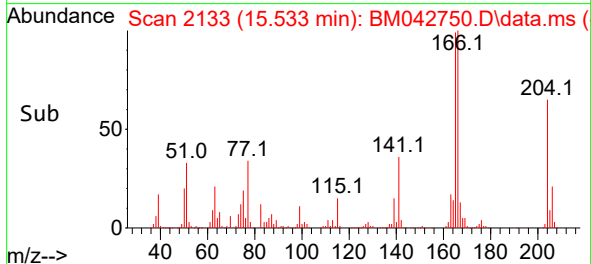
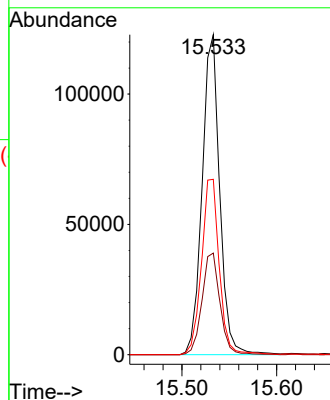
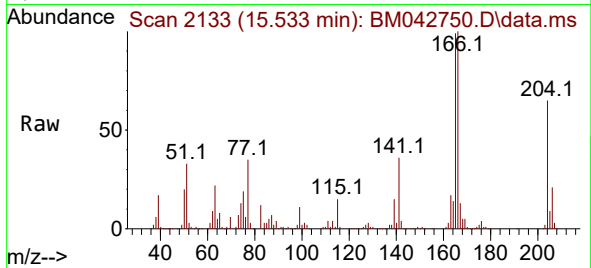




#62
4-Chlorophenyl-phenylether
Concen: 45.799 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

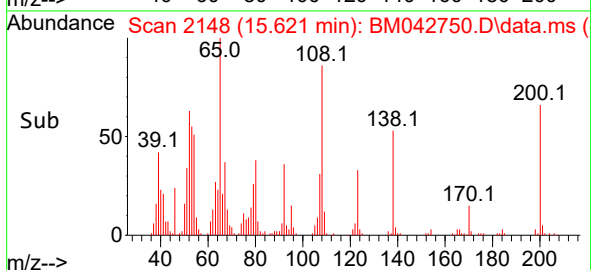
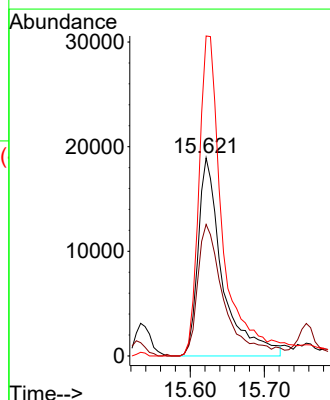
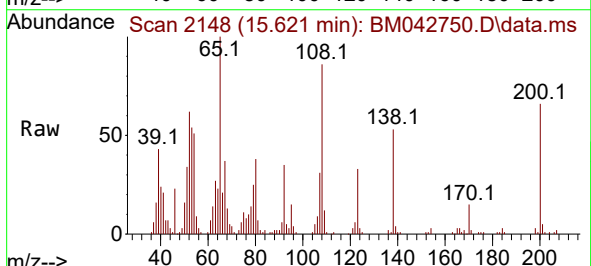
Instrument :
BNA_M
ClientSampleId :

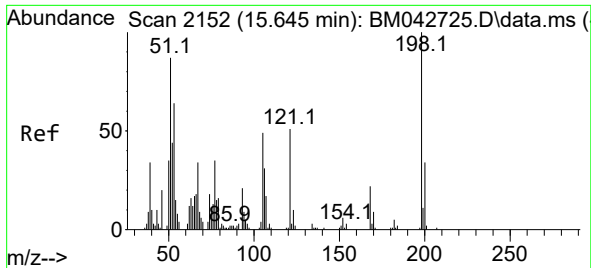
Tgt Ion:204 Resp: 158571
Ion Ratio Lower Upper
204 100
206 31.8 27.0 40.4
141 54.8 46.0 69.0



#63
4-Nitroaniline
Concen: 46.925 ng/ul
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:138 Resp: 43041
Ion Ratio Lower Upper
138 100
92 66.4 47.4 71.0
108 161.6 129.5 194.3

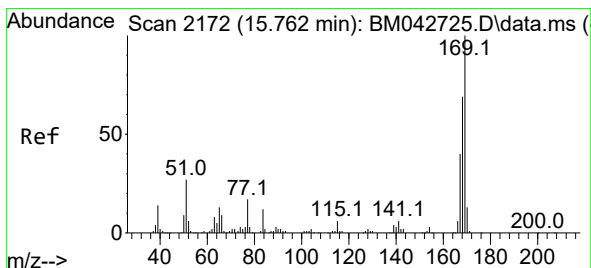
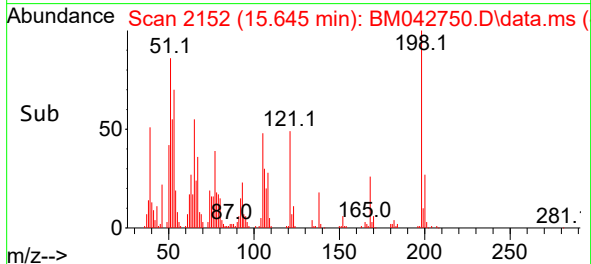
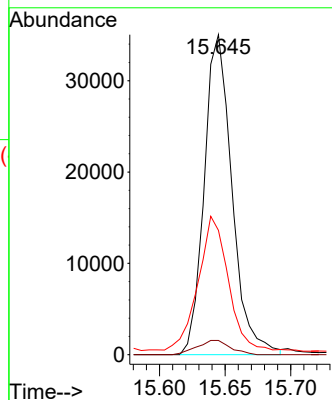
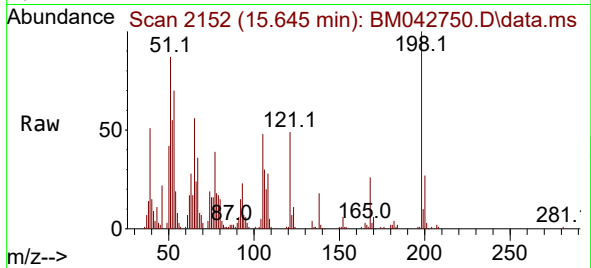




#66
 4,6-Dinitro-2-methylphenol
 Concen: 42.220 ng/ul
 RT: 15.645 min Scan# 2152
 Delta R.T. -0.006 min
 Lab File: BM042750.D
 Acq: 15 Nov 2023 00:59

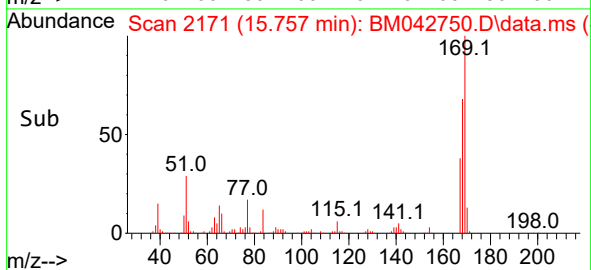
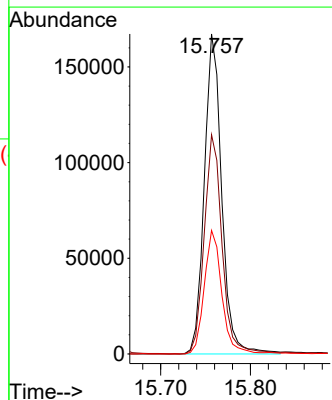
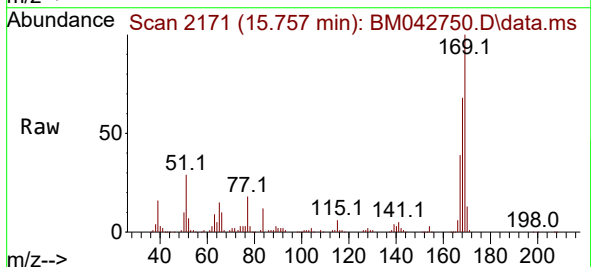
Instrument :
 BNA_M
 ClientSampleId :

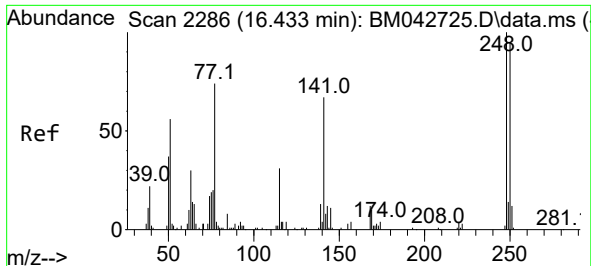
Tgt Ion:198 Resp: 51714
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.4 5.0
 77 38.9 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 45.265 ng/ul
 RT: 15.757 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BM042750.D
 Acq: 15 Nov 2023 00:59

Tgt Ion:169 Resp: 225490
 Ion Ratio Lower Upper
 169 100
 168 68.5 55.8 83.6
 167 38.6 31.4 47.2

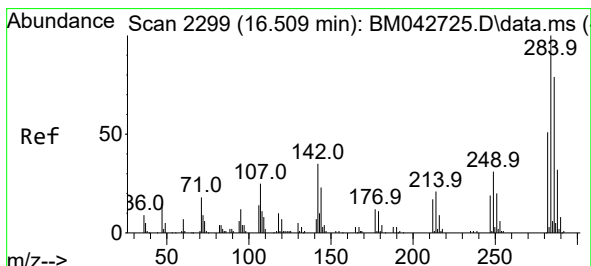
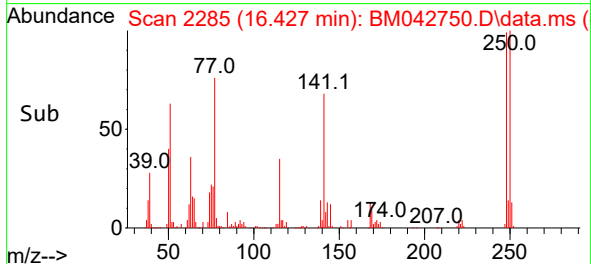
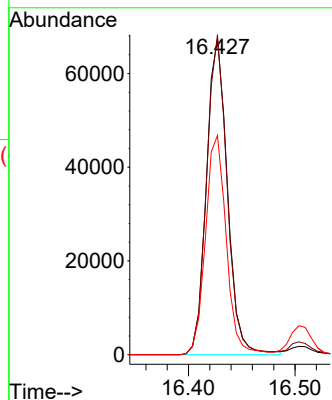
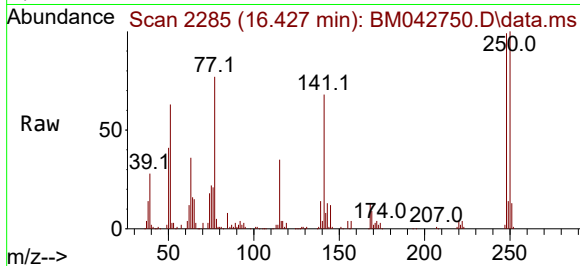




#68
4-Bromophenyl-phenylether
Concen: 43.733 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

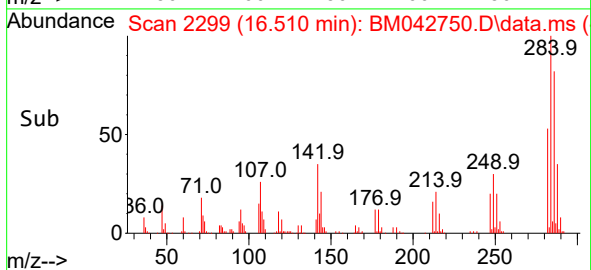
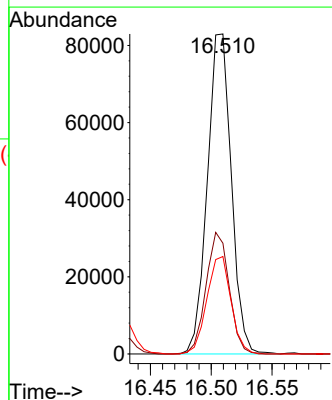
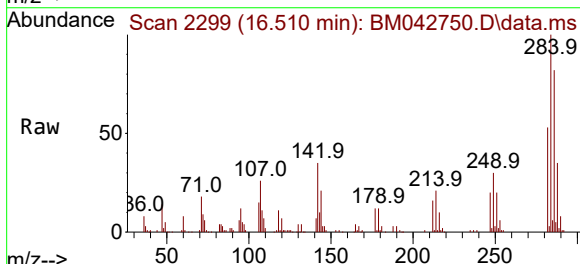
Instrument :
BNA_M
ClientSampleId :

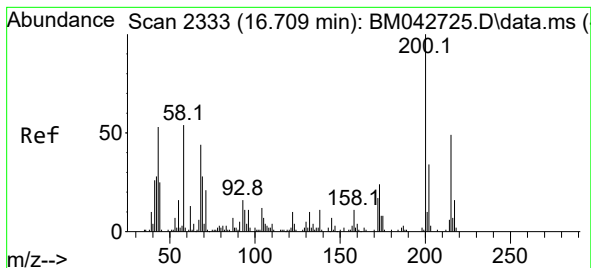
Tgt Ion:248 Resp: 92460
Ion Ratio Lower Upper
248 100
250 101.2 84.3 126.5
141 69.3 60.1 90.1



#69
Hexachlorobenzene
Concen: 43.962 ng/ul
RT: 16.510 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:284 Resp: 113622
Ion Ratio Lower Upper
284 100
142 34.6 30.5 45.7
249 30.5 25.3 37.9





#70

Atrazine

Concen: 44.716 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

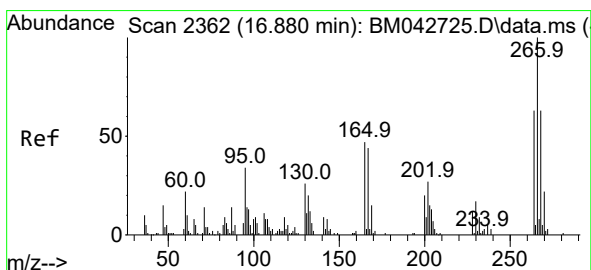
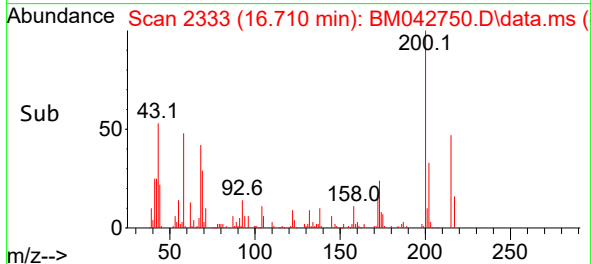
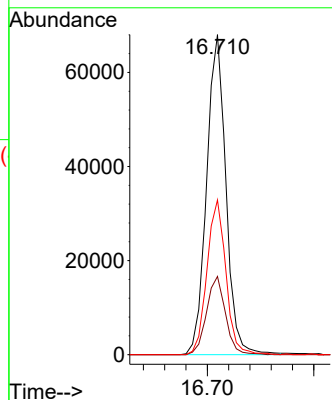
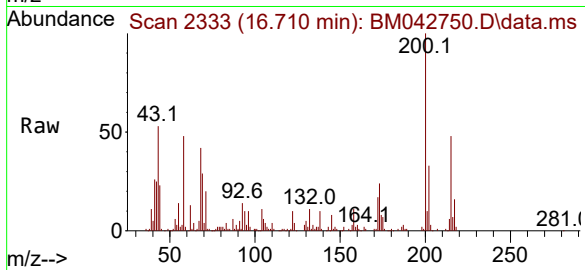
Tgt Ion:200 Resp: 85803

Ion Ratio Lower Upper

200 100

173 24.5 19.8 29.6

215 48.3 38.2 57.2



#71

Pentachlorophenol

Concen: 42.804 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

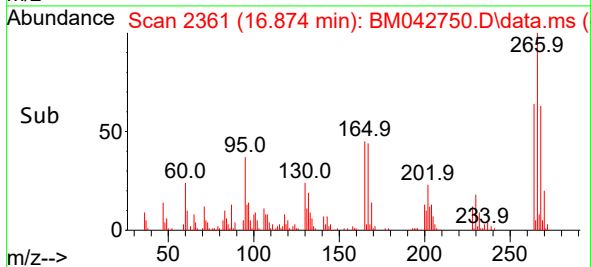
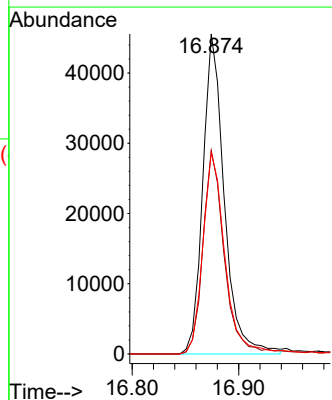
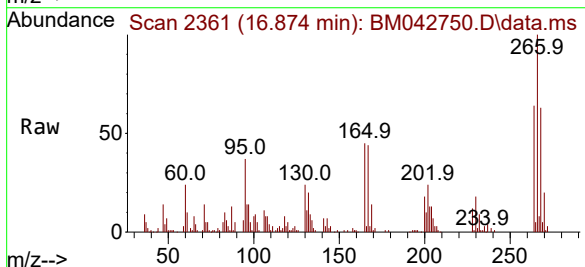
Tgt Ion:266 Resp: 63705

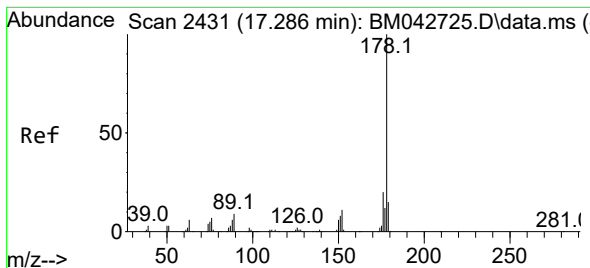
Ion Ratio Lower Upper

266 100

264 63.6 50.3 75.5

268 63.0 52.1 78.1





#72

Phenanthrene

Concen: 45.555 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

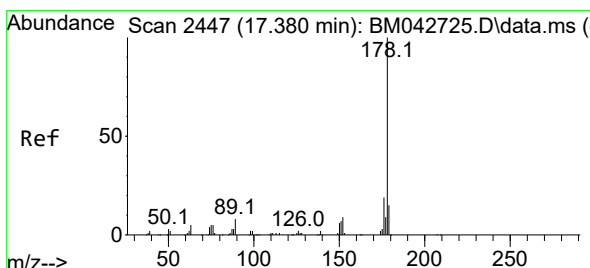
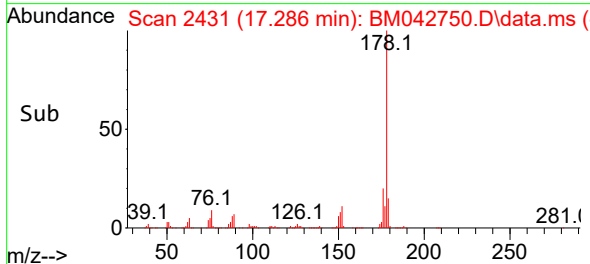
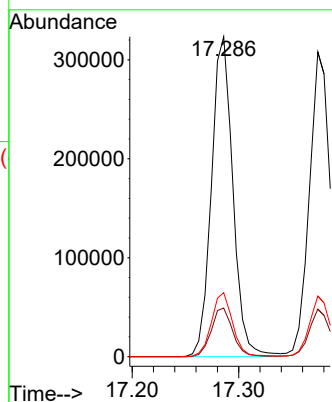
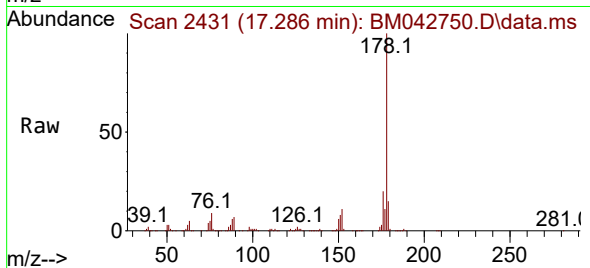
Tgt Ion:178 Resp: 452020

Ion Ratio Lower Upper

178 100

179 15.2 11.4 17.2

176 20.0 15.5 23.3



#74

Anthracene

Concen: 44.966 ng/ul

RT: 17.374 min Scan# 2446

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

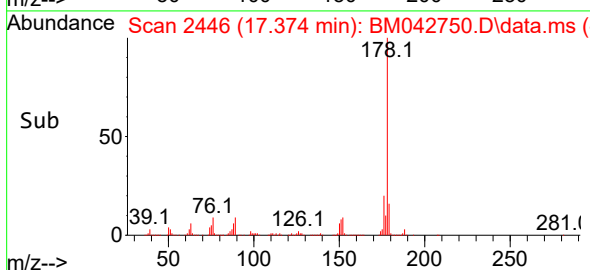
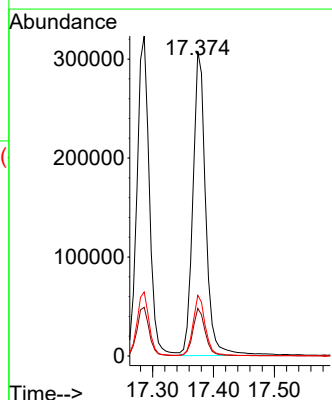
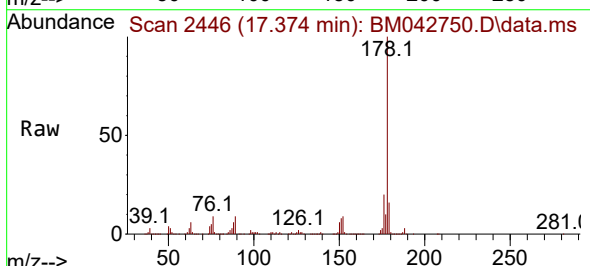
Tgt Ion:178 Resp: 448792

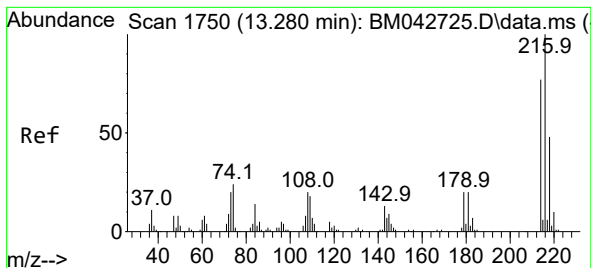
Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

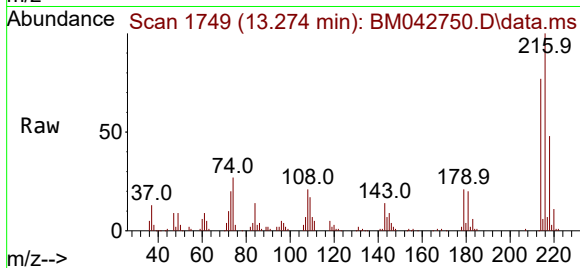
176 19.9 15.7 23.5



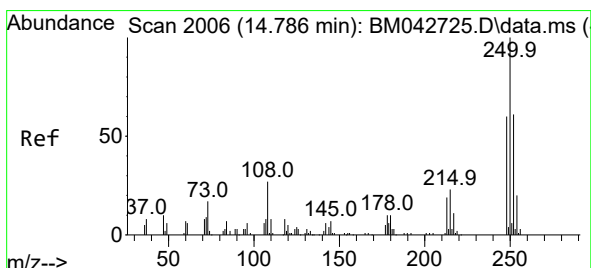
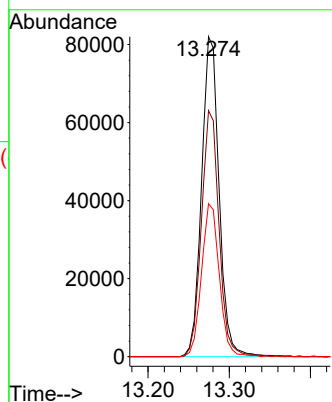
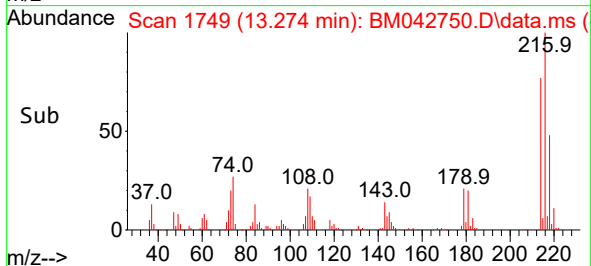


#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.921 ng/uL
RT: 13.274 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

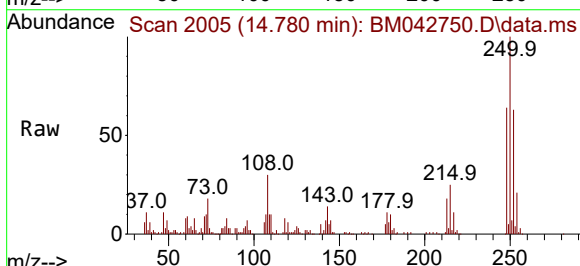
Instrument :
BNA_M
ClientSampleId :



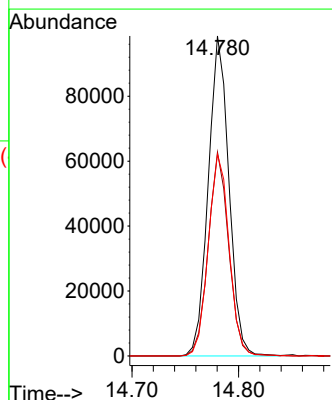
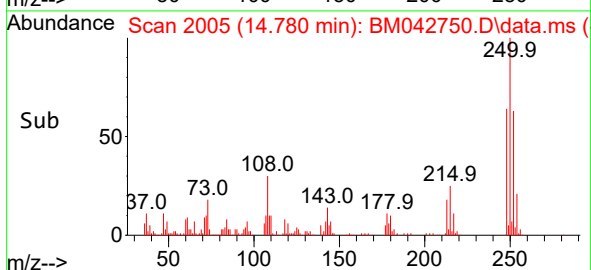
Tgt Ion:216 Resp: 123354
Ion Ratio Lower Upper
216 100
214 76.9 62.6 94.0
218 47.8 39.3 58.9

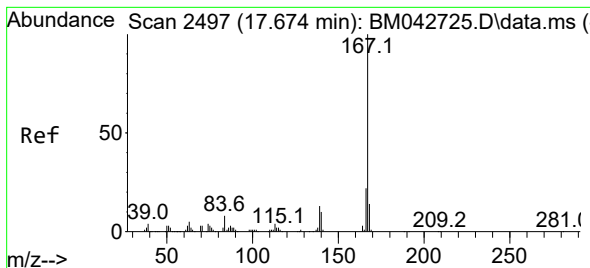


#76
Pentachlorobenzene
Concen: 45.045 ng/uL
RT: 14.780 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59



Tgt Ion:250 Resp: 132743
Ion Ratio Lower Upper
250 100
248 63.7 51.0 76.6
252 63.0 51.8 77.8





#77

Carbazole

Concen: 44.871 ng/ul

RT: 17.668 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

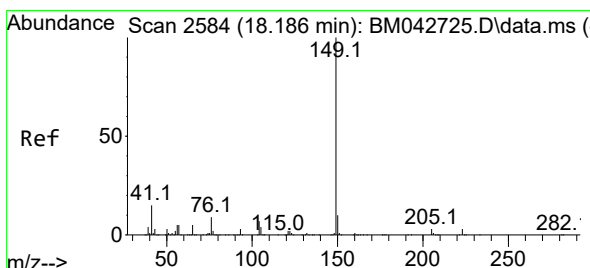
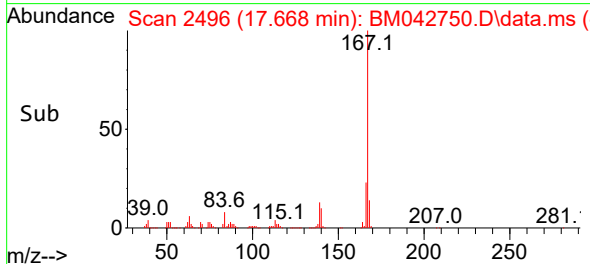
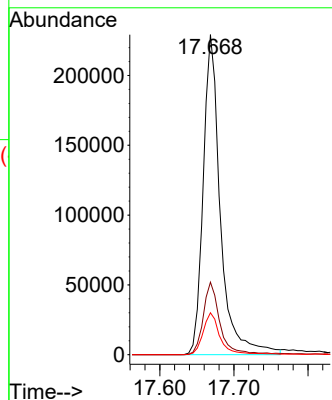
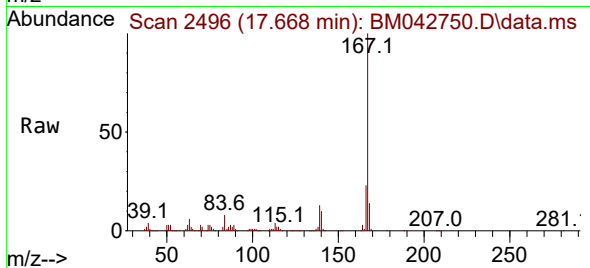
Tgt Ion:167 Resp: 369793

Ion Ratio Lower Upper

167 100

166 22.6 17.2 25.8

139 13.1 10.8 16.2



#78

Di-n-butylphthalate

Concen: 43.862 ng/ul

RT: 18.186 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

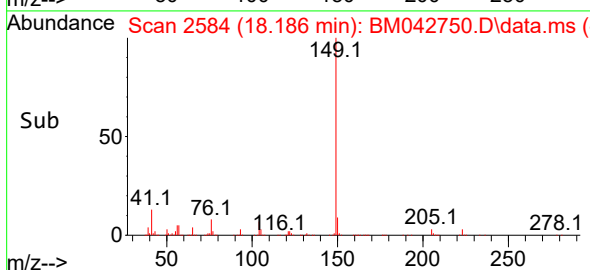
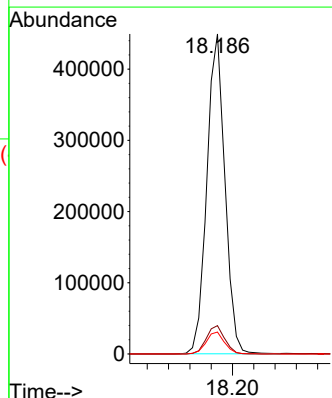
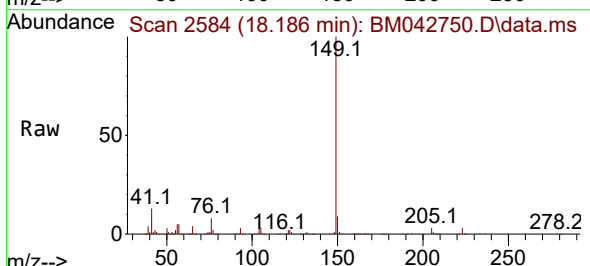
Tgt Ion:149 Resp: 528587

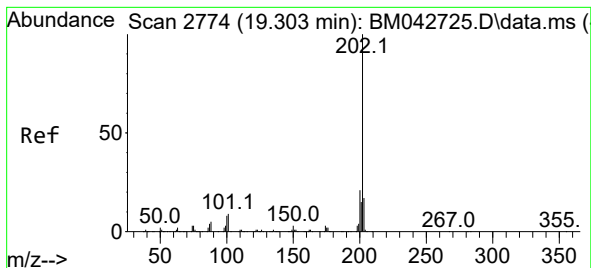
Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

104 6.9 5.3 7.9





#80

Fluoranthene

Concen: 43.904 ng/ul

RT: 19.298 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

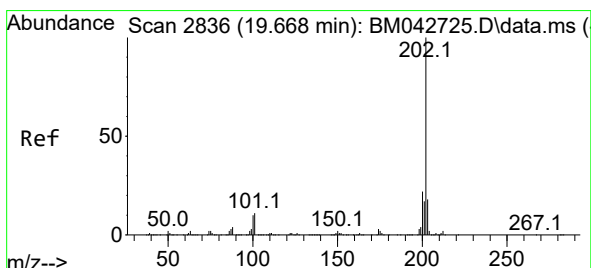
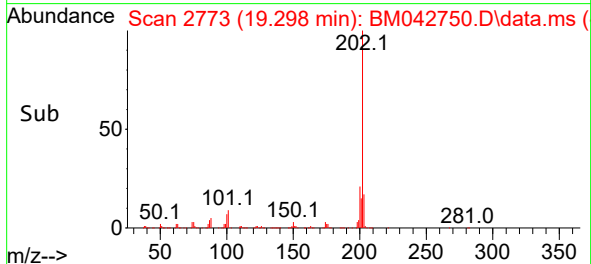
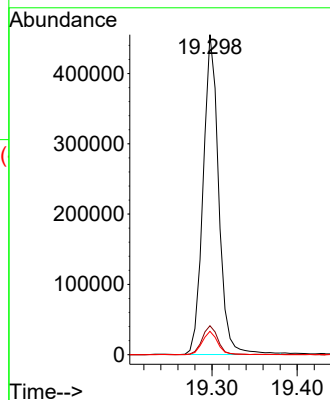
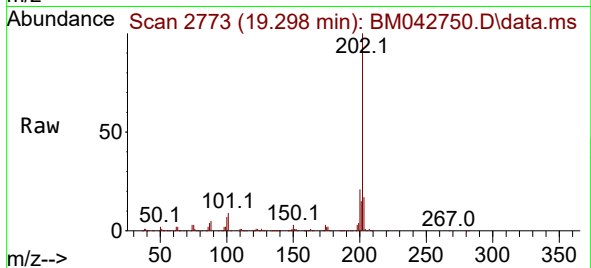
Tgt Ion:202 Resp: 577815

Ion Ratio Lower Upper

202 100

101 9.1 6.6 9.8

100 7.3 5.6 8.4



#82

Pyrene

Concen: 44.193 ng/ul

RT: 19.662 min Scan# 2835

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

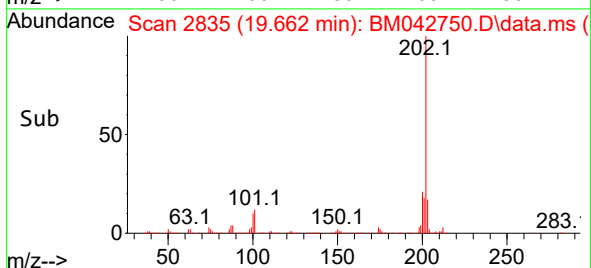
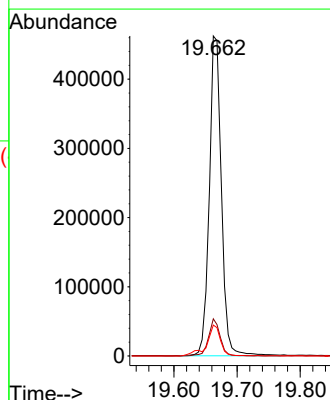
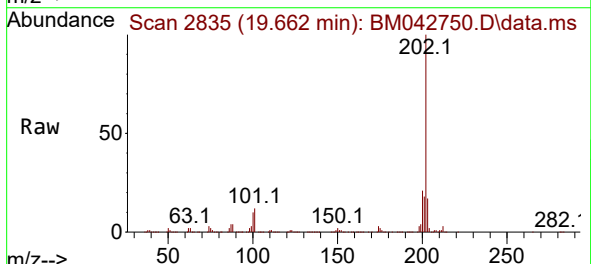
Tgt Ion:202 Resp: 616699

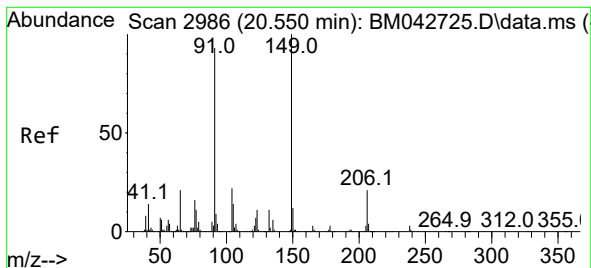
Ion Ratio Lower Upper

202 100

101 11.6 8.1 12.1

100 9.6 6.9 10.3





#83

Butylbenzylphthalate

Concen: 41.715 ng/ul

RT: 20.545 min Scan# 2985

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

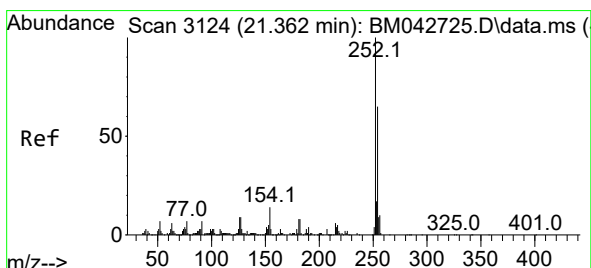
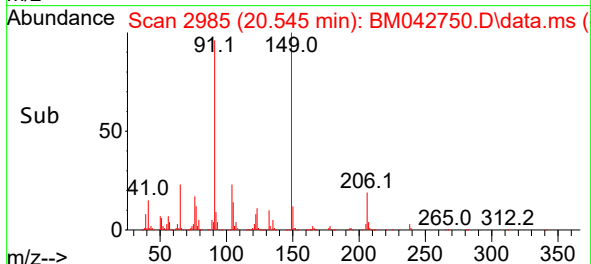
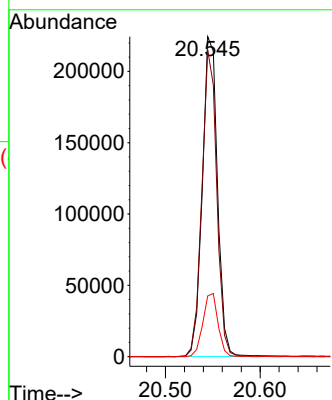
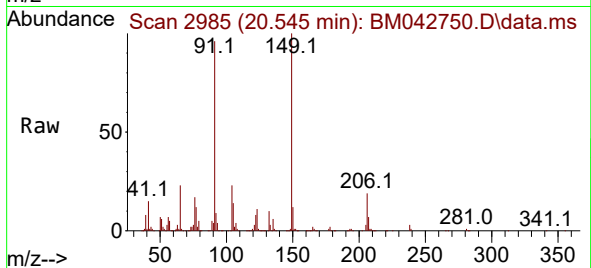
Tgt Ion:149 Resp: 248638

Ion Ratio Lower Upper

149 100

91 95.8 69.3 103.9

206 19.0 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 37.857 ng/ul

RT: 21.356 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

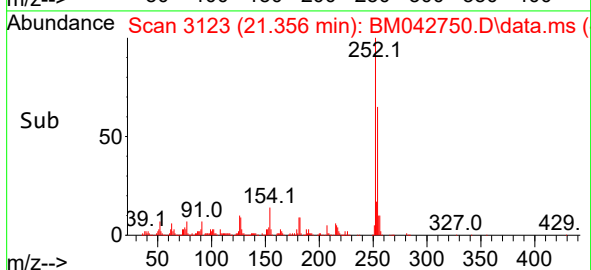
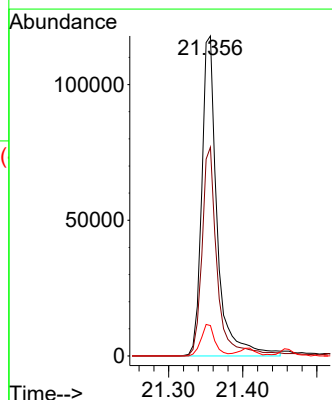
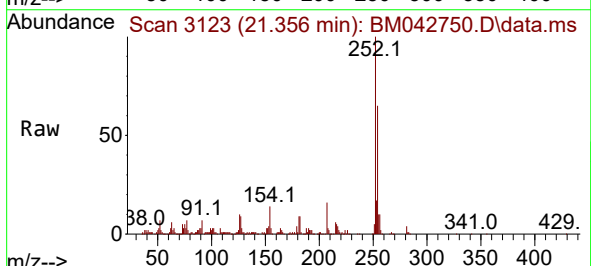
Tgt Ion:252 Resp: 170784

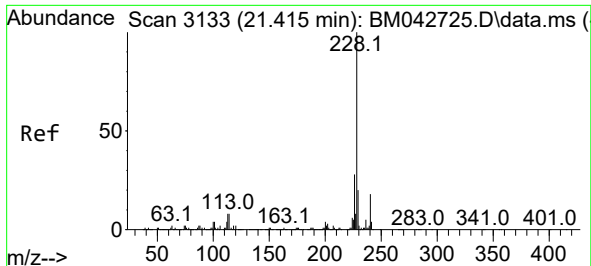
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 9.5 7.8 11.8

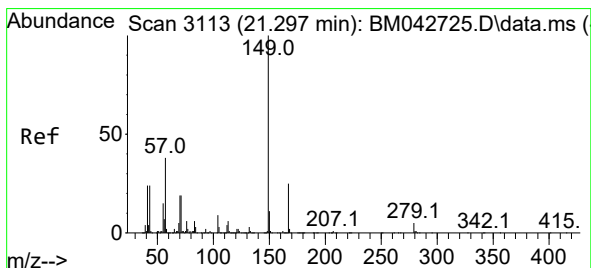
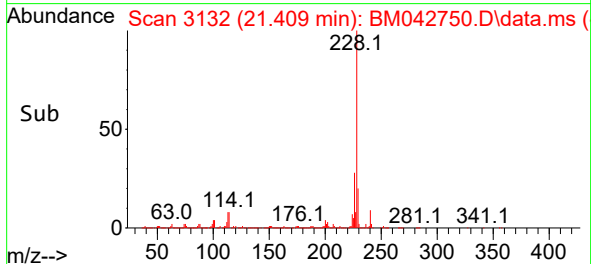
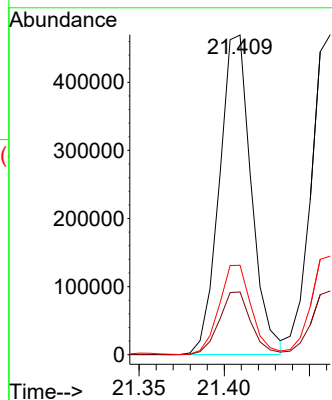
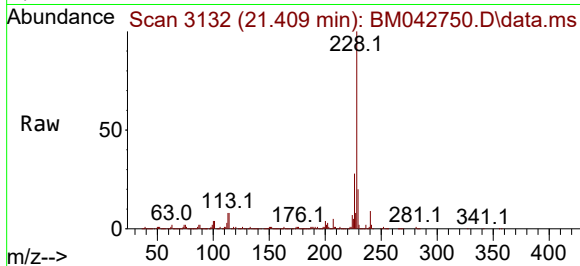




#85
Benzo(a)anthracene
Concen: 44.314 ng/ul
RT: 21.409 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

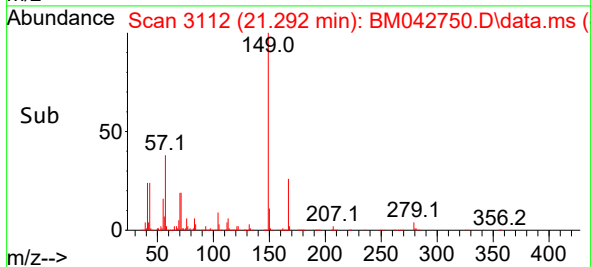
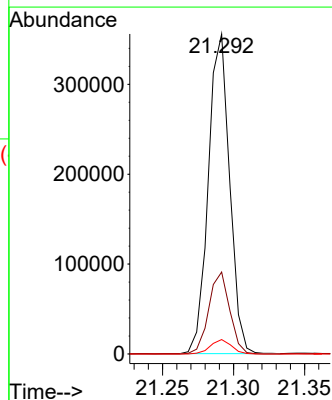
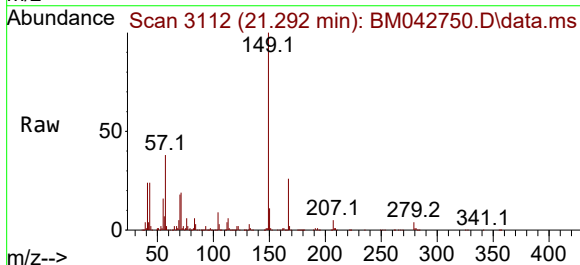
Instrument :
BNA_M
ClientSampleId :

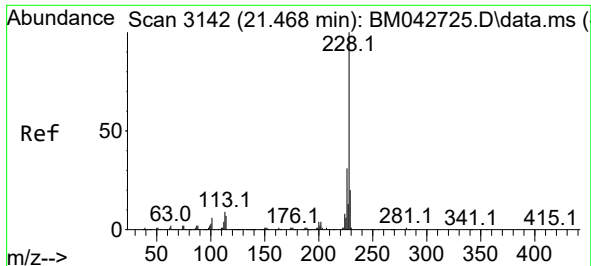
Tgt Ion:228 Resp: 613168
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 28.0 22.5 33.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 40.916 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:149 Resp: 370011
Ion Ratio Lower Upper
149 100
167 25.6 20.6 31.0
279 4.5 3.5 5.3

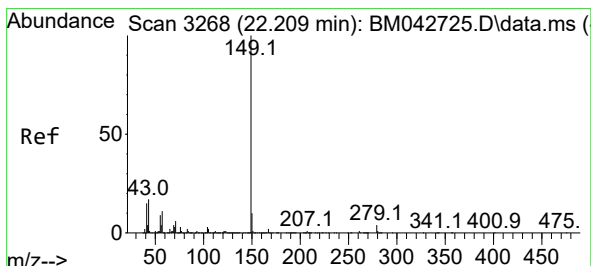
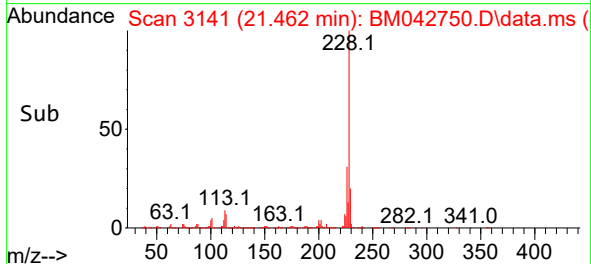
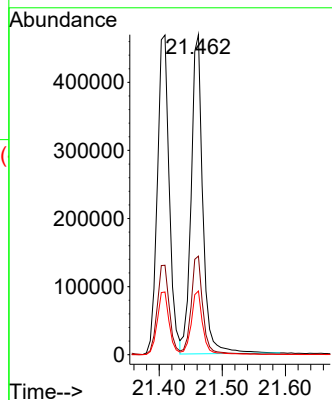
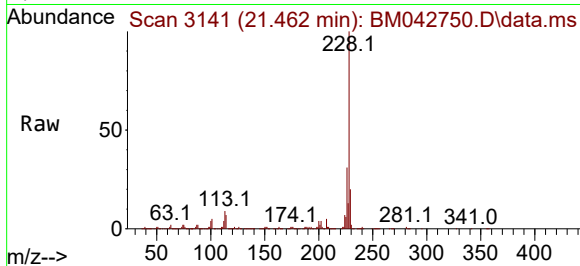




#87
Chrysene
Concen: 44.813 ng/ul
RT: 21.462 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

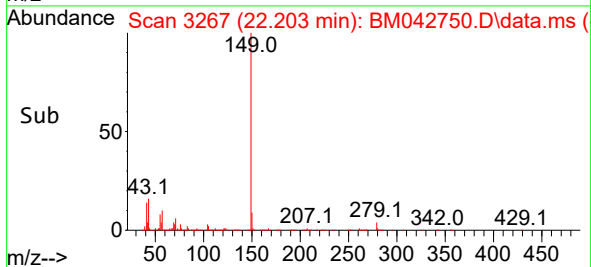
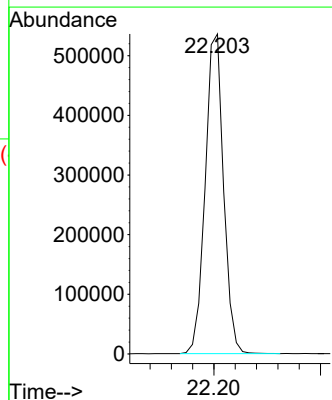
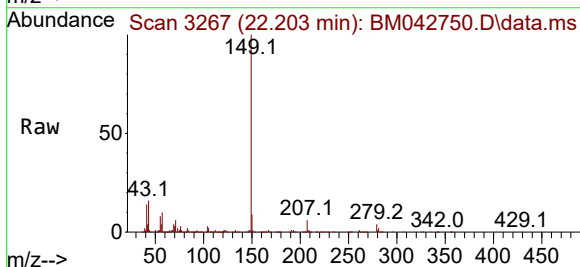
Instrument :
BNA_M
ClientSampleId :

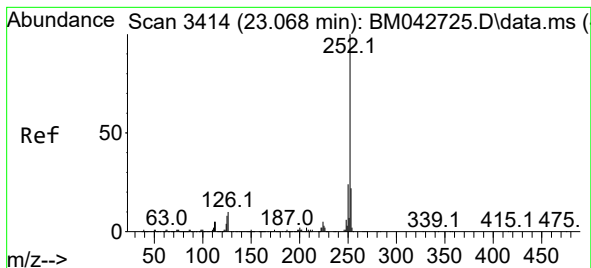
Tgt Ion:228 Resp: 601363
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.9 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 42.971 ng/ul
RT: 22.203 min Scan# 3267
Delta R.T. -0.012 min
Lab File: BM042750.D
Acq: 15 Nov 2023 00:59

Tgt Ion:149 Resp: 639790





#90

Benzo(b)fluoranthene

Concen: 48.165 ng/ul

RT: 23.056 min Scan# 3414

Delta R.T. -0.018 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

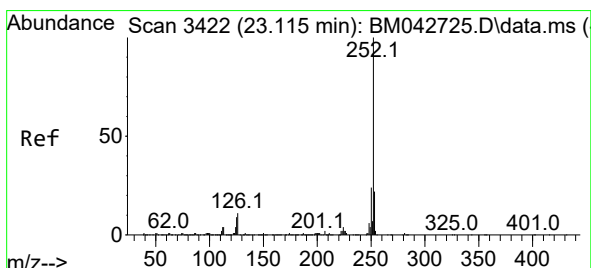
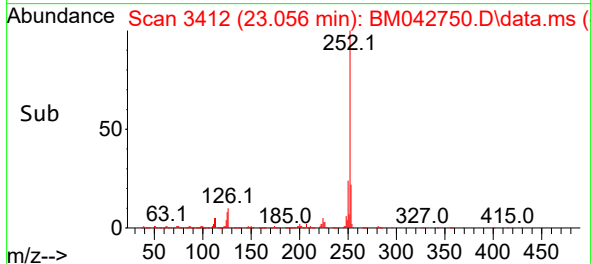
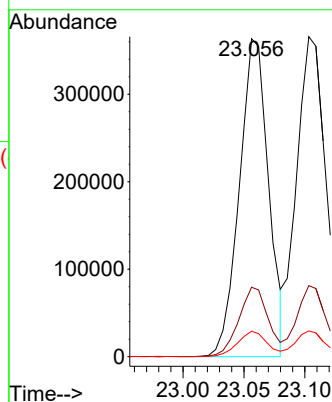
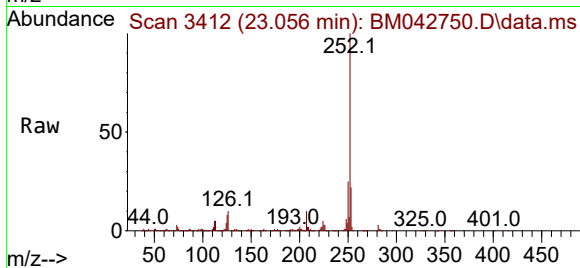
Tgt Ion:252 Resp: 605862

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 8.0 5.2 7.8#



#91

Benzo(k)fluoranthene

Concen: 47.511 ng/ul

RT: 23.103 min Scan# 3420

Delta R.T. -0.018 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

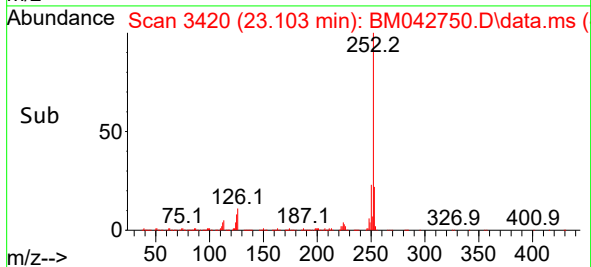
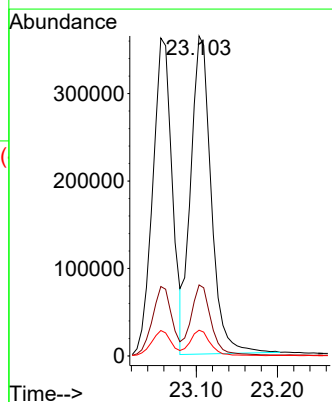
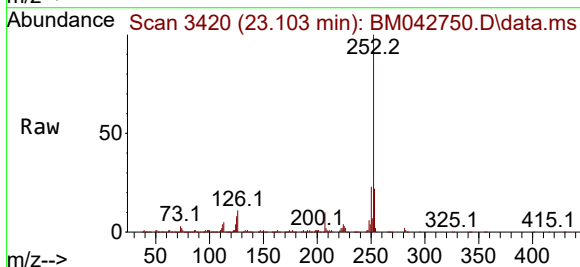
Tgt Ion:252 Resp: 636192

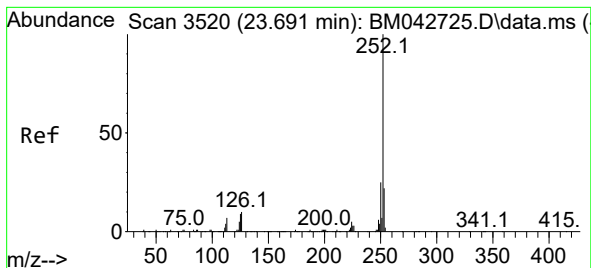
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.1 5.5 8.3





#93

Benzo(a)pyrene

Concen: 47.841 ng/ul

RT: 23.686 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

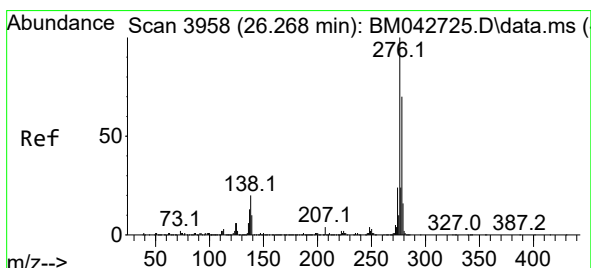
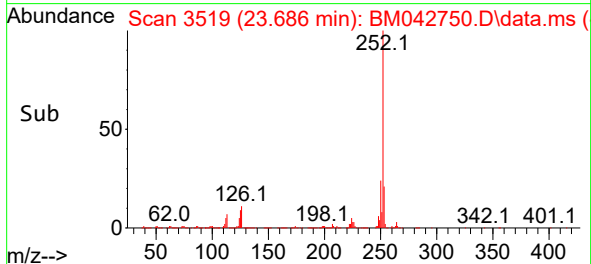
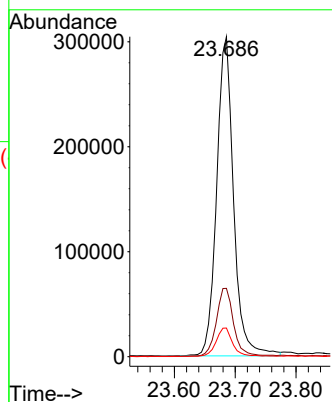
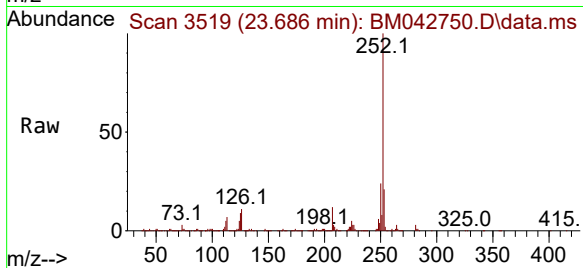
Tgt Ion:252 Resp: 586407

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 8.9 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 48.644 ng/ul

RT: 26.256 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

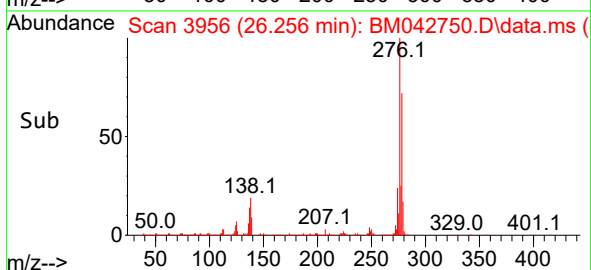
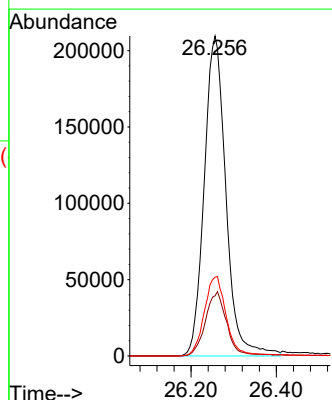
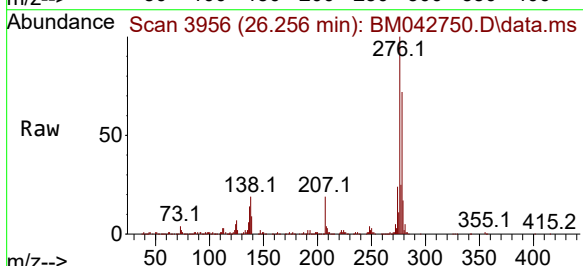
Tgt Ion:276 Resp: 741012

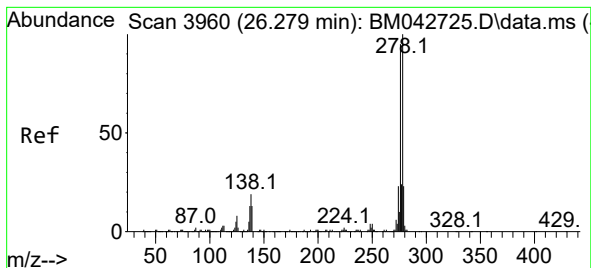
Ion Ratio Lower Upper

276 100

138 18.8 13.8 20.8

277 24.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 48.363 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. -0.024 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Instrument :

BNA_M

ClientSampleId :

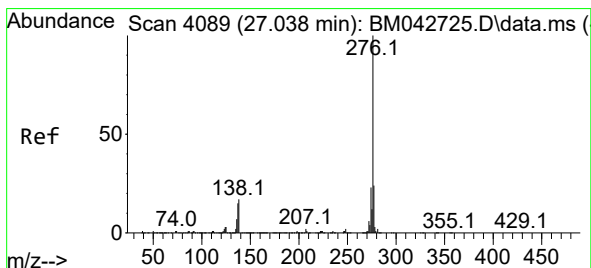
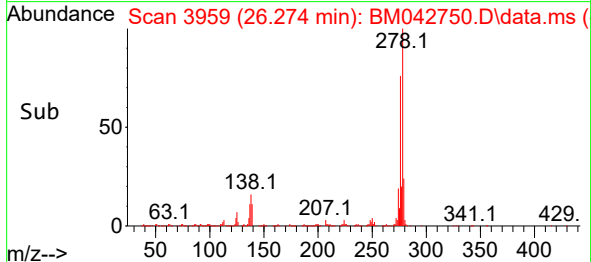
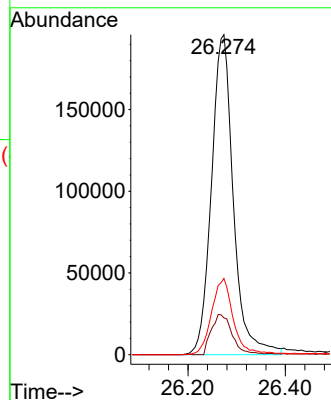
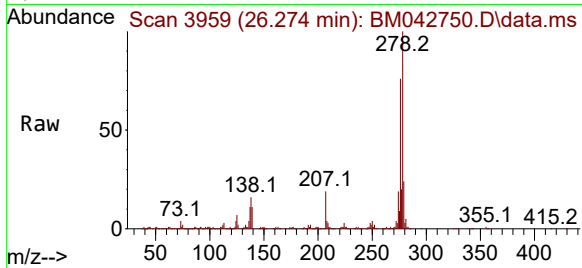
Tgt Ion:278 Resp: 610791

Ion Ratio Lower Upper

278 100

139 11.5 9.0 13.4

279 23.8 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 47.186 ng/ul

RT: 27.032 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM042750.D

Acq: 15 Nov 2023 00:59

Tgt Ion:276 Resp: 570785

Ion Ratio Lower Upper

276 100

138 17.3 13.0 19.6

277 23.7 18.4 27.6

