

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054824.D
 Acq On : 1 Sep 2022 16:12
 Operator : CG/JU
 Sample : N4433-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-4MS

Quant Time: Sep 01 17:55:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	41873	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	174054	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	117029	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	260278	20.000	ng	0.00
76) Chrysene-d12	21.819	240	246048	20.000	ng	0.00
86) Perylene-d12	25.186	264	265951	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	306865	127.615	ng	0.00
7) Phenol-d6	7.301	99	416898	126.774	ng	0.00
23) Nitrobenzene-d5	9.322	82	246634	74.387	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	188040	128.587	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	597187	76.697	ng	0.00
79) Terphenyl-d14	20.127	244	985434	79.356	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	39122	34.072	ng	98
3) Pyridine	3.935	79	107366	33.524	ng	96
4) n-Nitrosodimethylamine	3.852	42	54300	39.222	ng	97
6) Aniline	7.466	93	174254	44.598	ng	99
8) 2-Chlorophenol	7.707	128	130829	49.798	ng	98
9) Benzaldehyde	7.278	77	71600	33.220	ng	98
10) Phenol	7.325	94	163738	48.416	ng	99
11) bis(2-Chloroethyl)ether	7.560	93	121076	44.515	ng	95
12) 1,3-Dichlorobenzene	8.036	146	137615	45.264	ng	97
13) 1,4-Dichlorobenzene	8.183	146	139880	45.613	ng	98
14) 1,2-Dichlorobenzene	8.506	146	136466	46.930	ng	95
15) Benzyl Alcohol	8.382	79	113789	47.896	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.670	45	173828	40.844	ng	98
17) 2-Methylphenol	8.588	107	113136	48.589	ng	97
18) Hexachloroethane	9.240	117	48467	43.584	ng	95
19) n-Nitroso-di-n-propyla...	8.952	70	97892	43.288	ng	# 97
20) 3+4-Methylphenols	8.917	107	154500	47.850	ng	97
22) Acetophenone	8.976	105	192259	44.152	ng	# 98
24) Nitrobenzene	9.364	77	139337	41.695	ng	97
25) Isophorone	9.886	82	273883	44.303	ng	97
26) 2-Nitrophenol	10.080	139	72590	49.174	ng	99
27) 2,4-Dimethylphenol	10.127	122	126035	53.887	ng	98
28) bis(2-Chloroethoxy)met...	10.362	93	163288	46.353	ng	99
29) 2,4-Dichlorophenol	10.615	162	128459	48.288	ng	98
30) 1,2,4-Trichlorobenzene	10.832	180	132412	43.555	ng	96
31) Naphthalene	11.026	128	407459	43.633	ng	100
32) Benzoic acid	10.286	122	46875	31.312	ng	99
33) 4-Chloroaniline	11.132	127	153400	40.293	ng	98
34) Hexachlorobutadiene	11.297	225	87428	44.885	ng	97
35) Caprolactam	11.908	113	27017	28.786	ng	# 87
36) 4-Chloro-3-methylphenol	12.237	107	138976	47.773	ng	97
37) 2-Methylnaphthalene	12.618	142	291158	44.485	ng	100
38) 1-Methylnaphthalene	12.836	142	276188	43.372	ng	99
40) 1,2,4,5-Tetrachloroben...	12.983	216	162716	46.124	ng	99
41) Hexachlorocyclopentadiene	12.953	237	155675	83.209	ng	99
43) 2,4,6-Trichlorophenol	13.218	196	108112	46.171	ng	99

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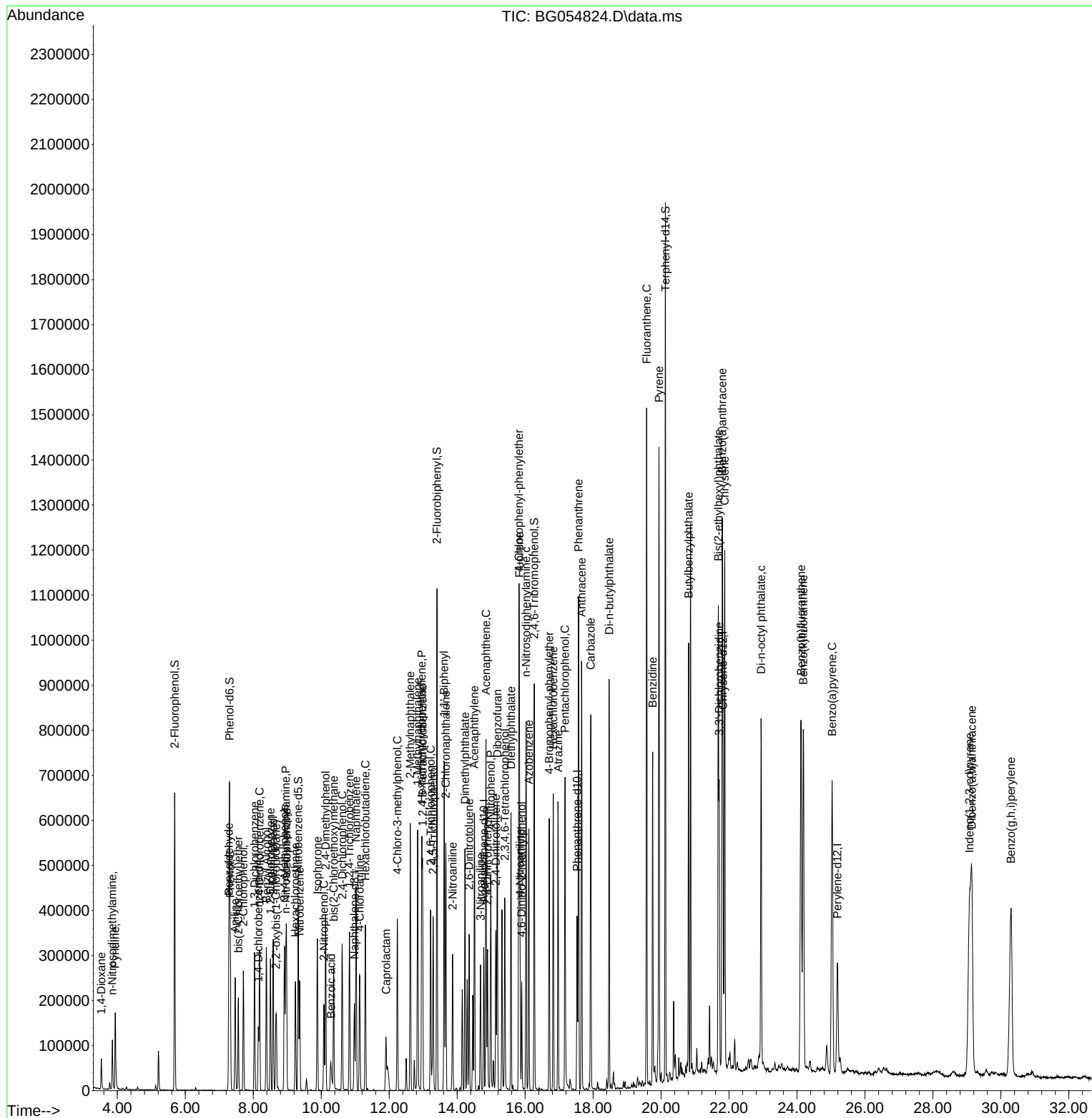
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	117038	44.507	ng	98
46) 1,1'-Biphenyl	13.617	154	390187	44.897	ng	98
47) 2-Chloronaphthalene	13.664	162	289733	43.898	ng	99
48) 2-Nitroaniline	13.864	65	89315	43.179	ng	94
49) Acenaphthylene	14.505	152	482035	44.258	ng	99
50) Dimethylphthalate	14.228	163	378154	41.942	ng	99
51) 2,6-Dinitrotoluene	14.352	165	83496	45.277	ng	88
52) Acenaphthene	14.845	154	297175	42.477	ng	99
53) 3-Nitroaniline	14.687	138	80447	38.969	ng	94
54) 2,4-Dinitrophenol	14.892	184	82512	79.341	ng	95
55) Dibenzofuran	15.180	168	455023	44.262	ng	99
56) 4-Nitrophenol	14.986	139	142315	89.082	ng	95
57) 2,4-Dinitrotoluene	15.139	165	117590	46.100	ng	86
58) Fluorene	15.827	166	381830	44.089	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	102504	43.242	ng	99
60) Diethylphthalate	15.586	149	378926	42.089	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	194017	45.413	ng	97
62) 4-Nitroaniline	15.850	138	90282	42.834	ng	98
63) Azobenzene	16.109	77	343786	40.180	ng	95
65) 4,6-Dinitro-2-methylph...	15.897	198	59849	45.173	ng	99
66) n-Nitrosodiphenylamine	16.026	169	335471	44.694	ng	100
67) 4-Bromophenyl-phenylether	16.708	248	135180	47.305	ng	98
68) Hexachlorobenzene	16.825	284	151176	47.059	ng	98
69) Atrazine	16.972	200	129317	48.835	ng	99
70) Pentachlorophenol	17.172	266	150414	86.175	ng	98
71) Phenanthrene	17.572	178	681582	49.158	ng	100
72) Anthracene	17.660	178	630407	46.765	ng	100
73) Carbazole	17.930	167	565443	45.527	ng	99
74) Di-n-butylphthalate	18.470	149	669353	42.590	ng	99
75) Fluoranthene	19.575	202	919600	54.521	ng	98
77) Benzidine	19.751	184	482698	79.205	ng	99
78) Pyrene	19.939	202	905917	52.802	ng	98
80) Butylbenzylphthalate	20.809	149	300338	41.968	ng	95
81) Benzo(a)anthracene	21.802	228	824305	49.411	ng	99
82) 3,3'-Dichlorobenzidine	21.708	252	253154	43.281	ng	99
83) Chrysene	21.872	228	763042	47.836	ng	99
84) Bis(2-ethylhexyl)phtha...	21.684	149	440986	42.771	ng	98
85) Di-n-octyl phthalate	22.942	149	739065	42.268	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.070	276	935819	46.350	ng	# 95
88) Benzo(b)fluoranthene	24.117	252	892647	53.505	ng	99
89) Benzo(k)fluoranthene	24.181	252	787473	46.901	ng	98
90) Benzo(a)pyrene	25.033	252	765351	53.695	ng	99
91) Dibenzo(a,h)anthracene	29.146	278	749156	45.545	ng	99
92) Benzo(g,h,i)perylene	30.298	276	817494	49.196	ng	97

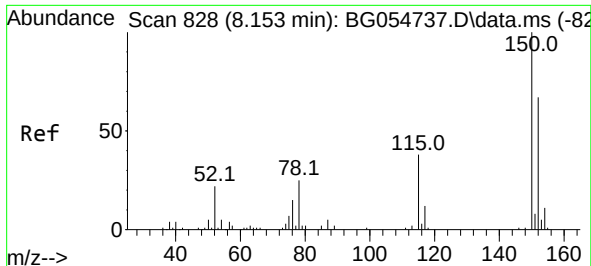
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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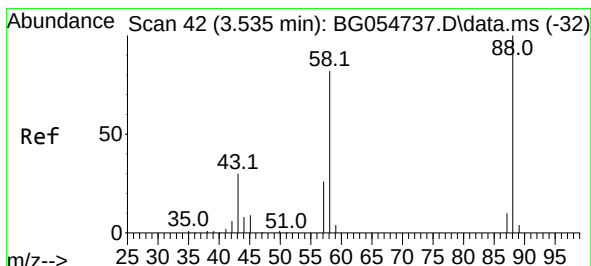
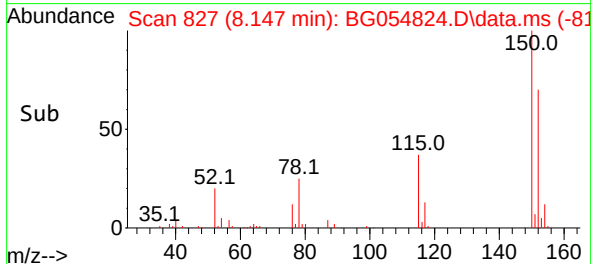
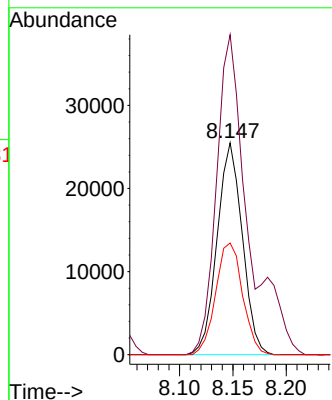
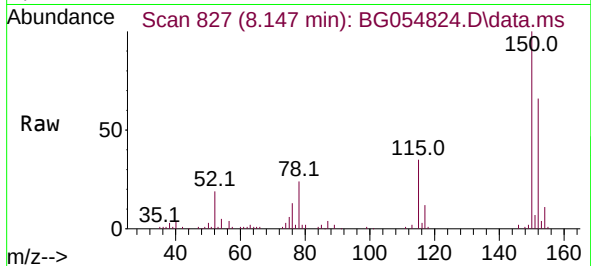




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054824.D
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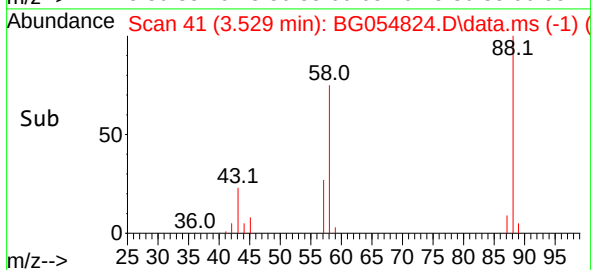
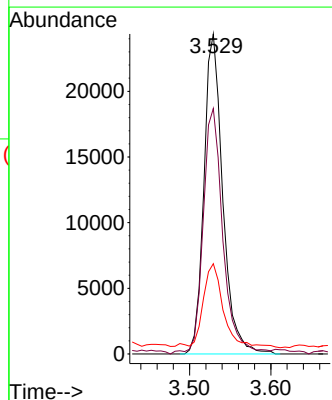
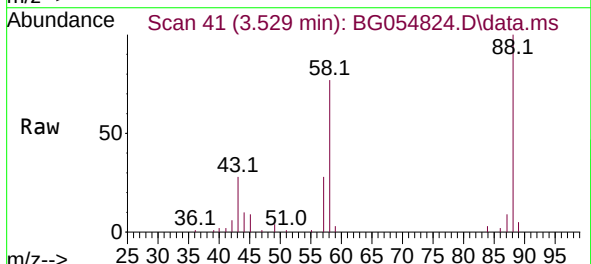
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BNA_G
ClientSampleId :
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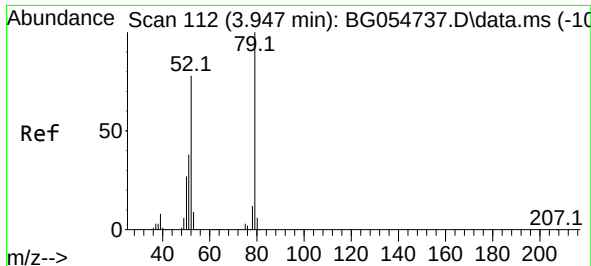
Tgt Ion:152 Resp: 41873
Ion Ratio Lower Upper
152 100
150 151.1 125.2 187.8
115 52.7 47.9 71.9



#2
1,4-Dioxane
Concen: 34.072 ng
RT: 3.529 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion: 88 Resp: 39122
Ion Ratio Lower Upper
88 100
58 80.8 65.9 98.9
43 28.7 22.7 34.1

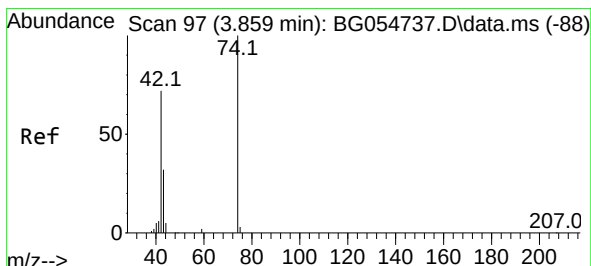
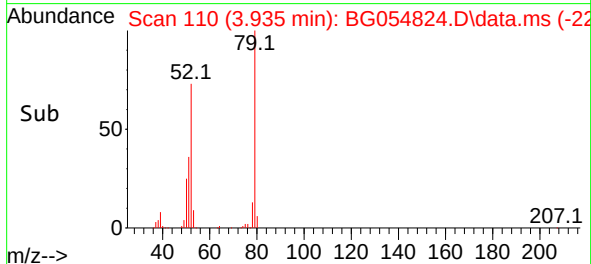
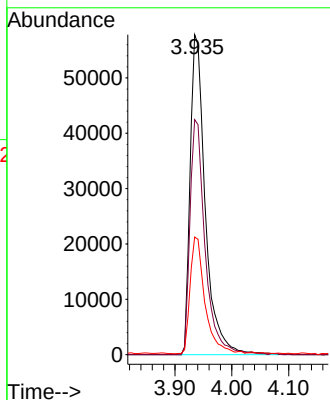
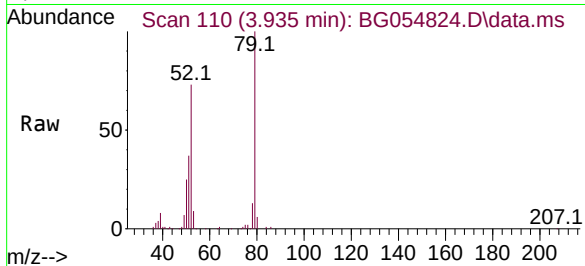




#3
Pyridine
Concen: 33.524 ng
RT: 3.935 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

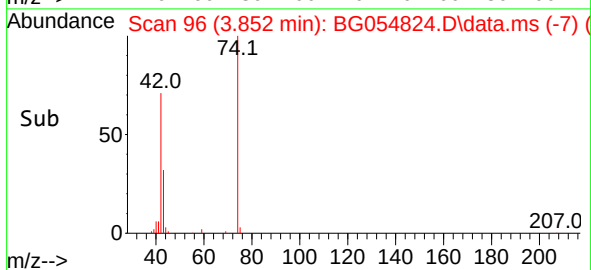
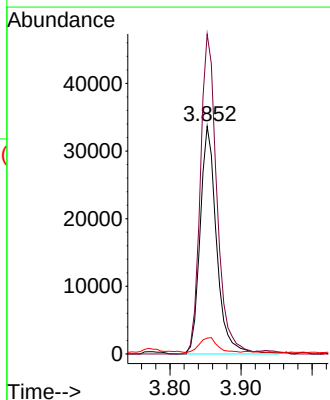
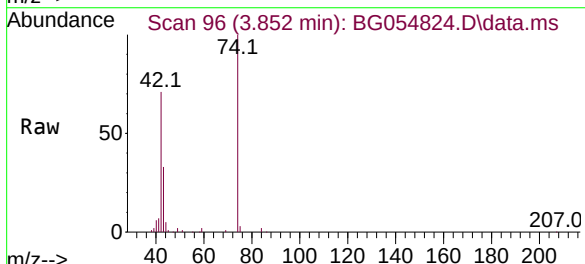
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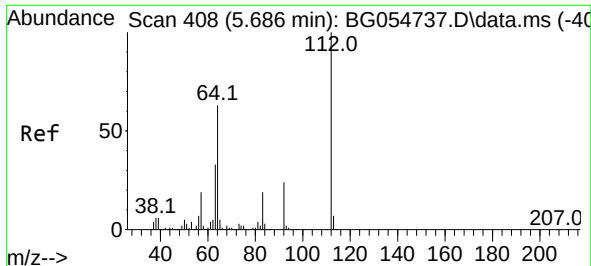
Tgt Ion: 79 Resp: 107366
Ion Ratio Lower Upper
79 100
52 73.5 61.4 92.0
51 36.8 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 39.222 ng
RT: 3.852 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion: 42 Resp: 54300
Ion Ratio Lower Upper
42 100
74 140.6 109.6 164.4
44 7.0 5.5 8.3

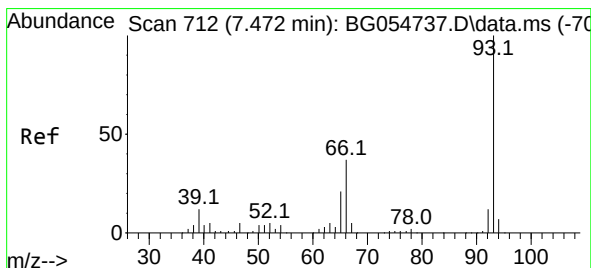
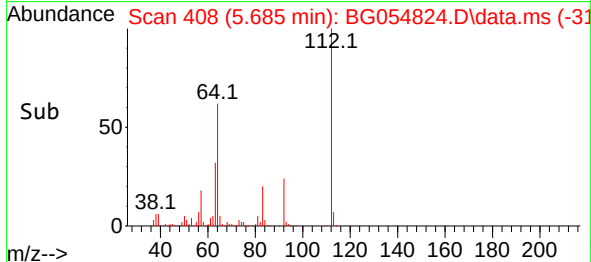
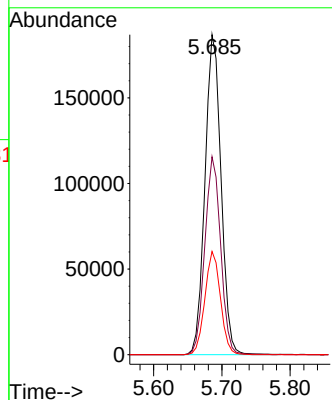
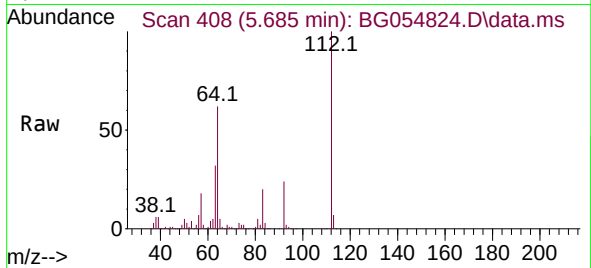




#5
2-Fluorophenol
Concen: 127.615 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054824.D
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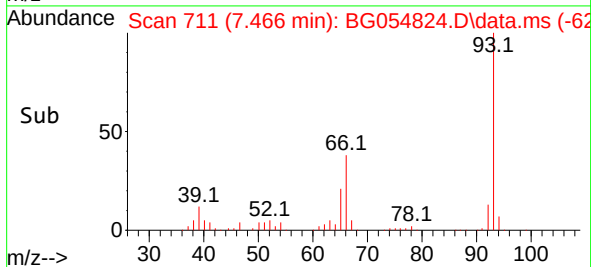
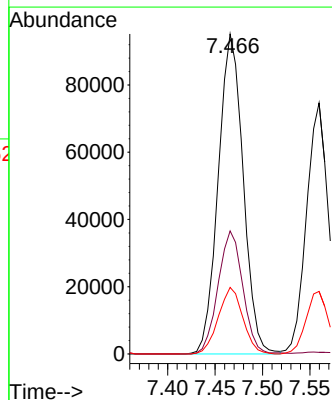
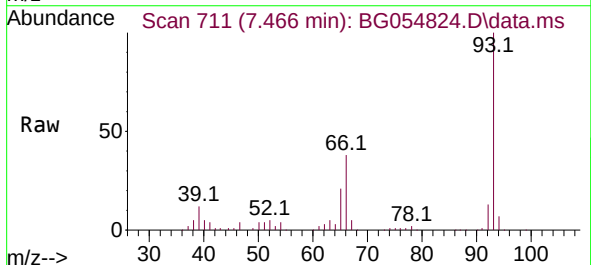
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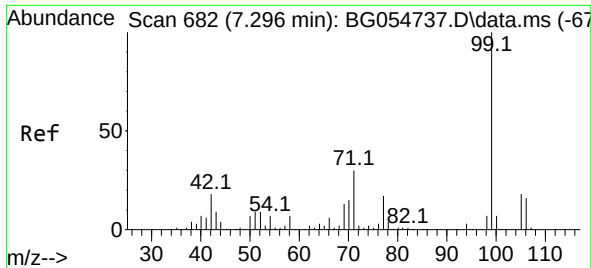
Tgt Ion:112 Resp: 306865
Ion Ratio Lower Upper
112 100
64 61.9 49.3 73.9
63 32.3 26.3 39.5



#6
Aniline
Concen: 44.598 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion: 93 Resp: 174254
Ion Ratio Lower Upper
93 100
66 38.4 31.8 47.8
65 20.8 16.6 25.0

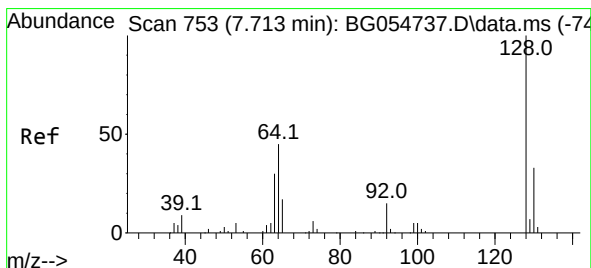
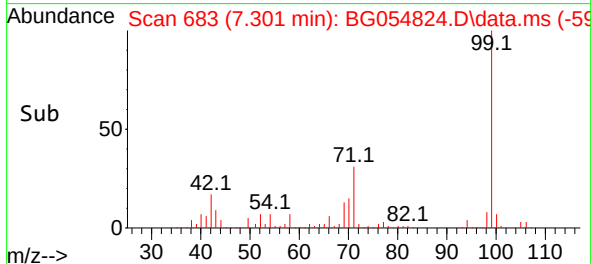
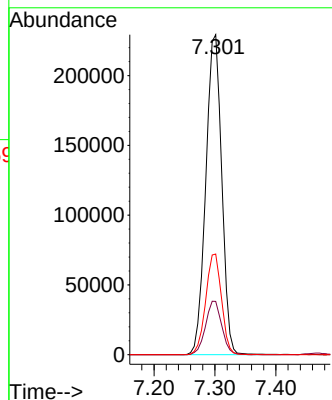
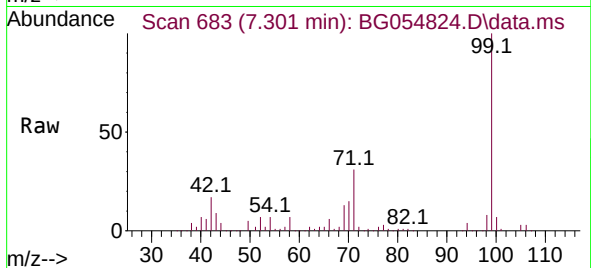




#7
Phenol-d6
Concen: 126.774 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

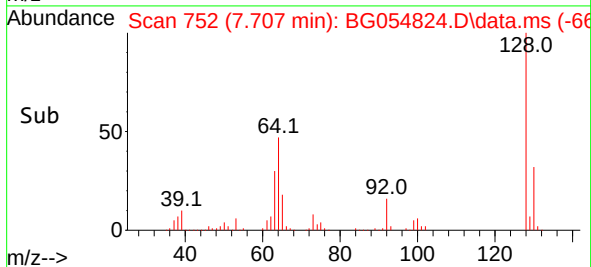
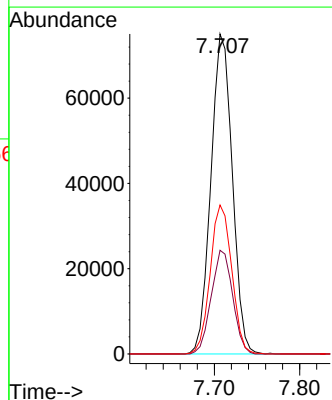
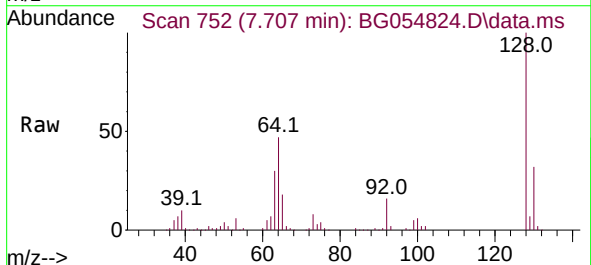
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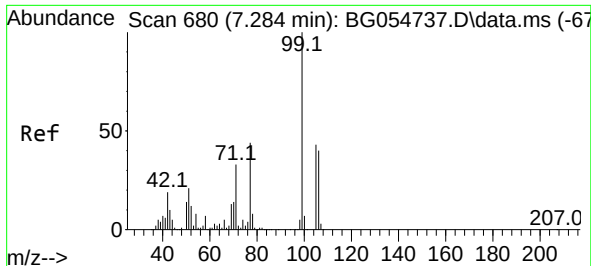
Tgt Ion: 99 Resp: 416898
Ion Ratio Lower Upper
99 100
42 16.7 14.6 22.0
71 31.5 24.6 37.0



#8
2-Chlorophenol
Concen: 49.798 ng
RT: 7.707 min Scan# 752
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 130829
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 46.6 28.6 68.6

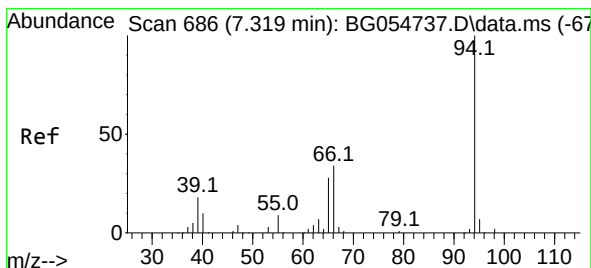
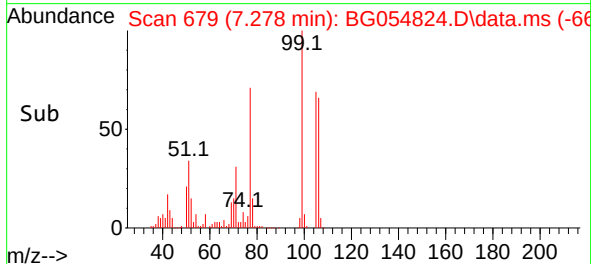
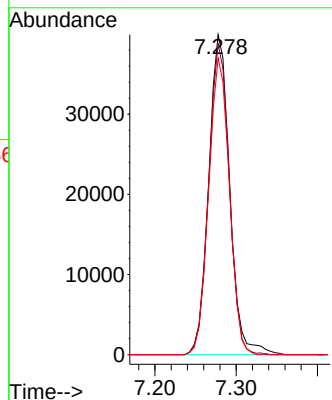
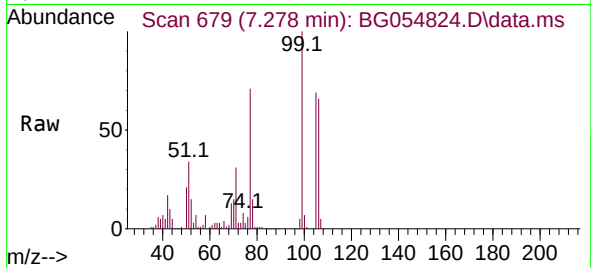




#9
Benzaldehyde
Concen: 33.220 ng
RT: 7.278 min Scan# 61
Delta R.T. -0.006 min
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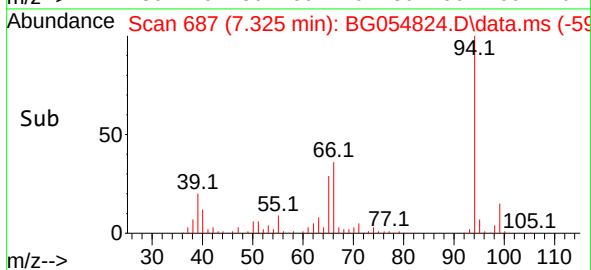
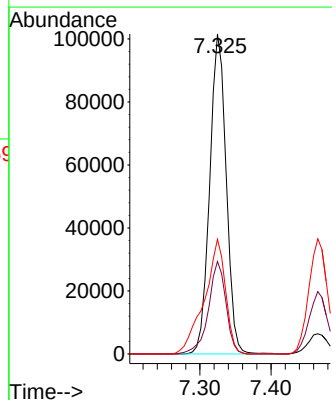
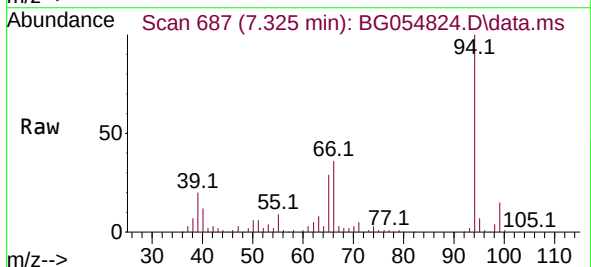
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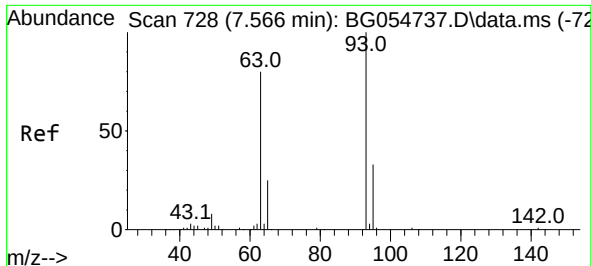
Tgt Ion: 77 Resp: 71600
Ion Ratio Lower Upper
77 100
105 97.1 75.3 115.3
106 92.6 70.2 110.2



#10
Phenol
Concen: 48.416 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.005 min
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Tgt Ion: 94 Resp: 163738
Ion Ratio Lower Upper
94 100
65 29.0 9.9 49.9
66 35.8 16.4 56.4

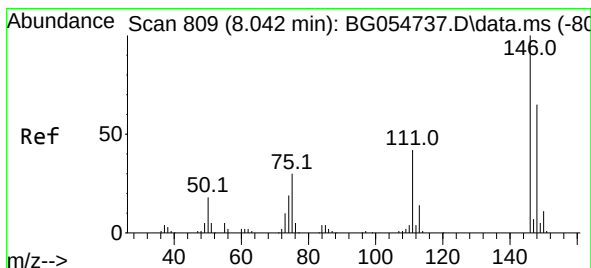
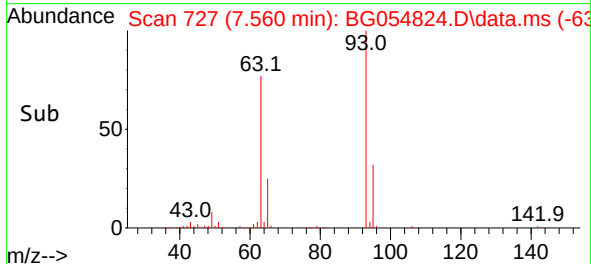
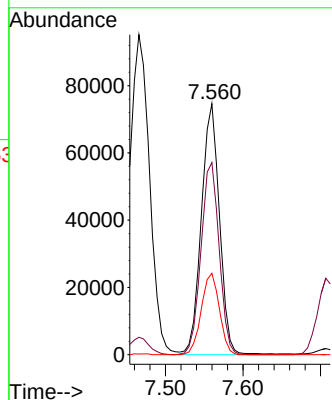
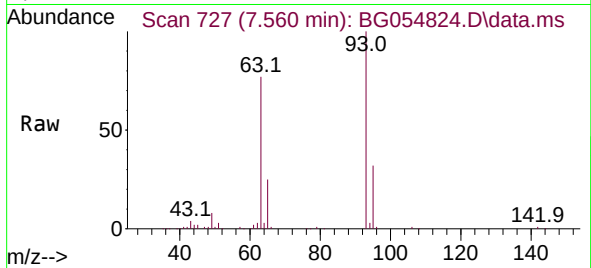




#11
bis(2-Chloroethyl)ether
Concen: 44.515 ng
RT: 7.560 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

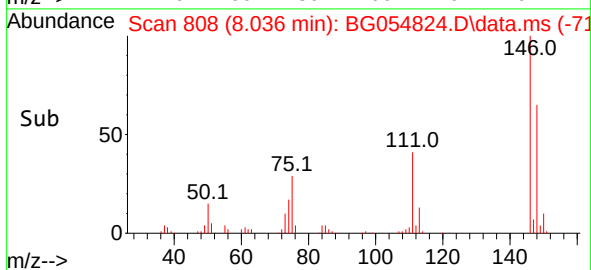
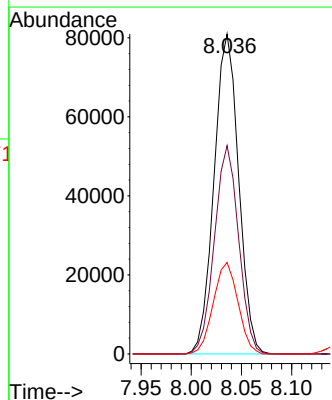
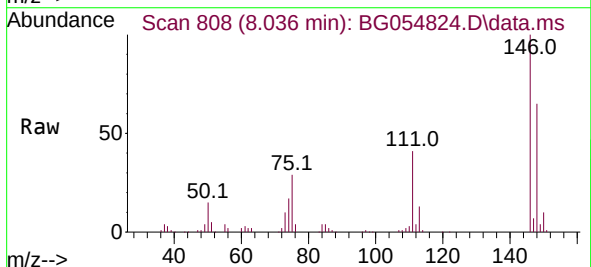
Instrument :
BNA_G
ClientSampleId :
EP-4MS

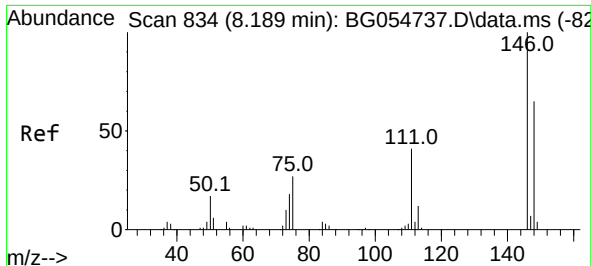
Tgt Ion: 93 Resp: 121076
Ion Ratio Lower Upper
93 100
63 76.5 62.1 102.1
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.264 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:146 Resp: 137615
Ion Ratio Lower Upper
146 100
148 65.1 50.6 76.0
75 28.6 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 45.613 ng

RT: 8.183 min Scan# 813

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

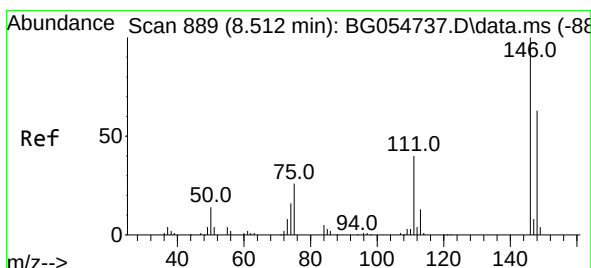
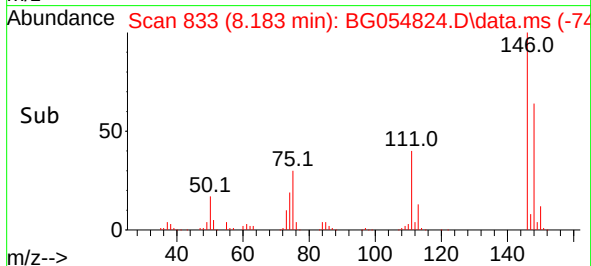
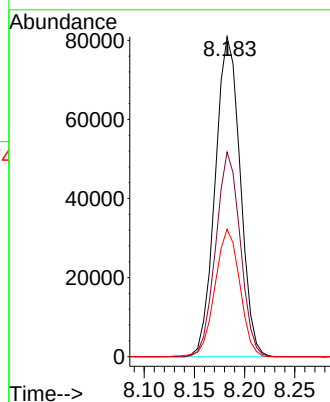
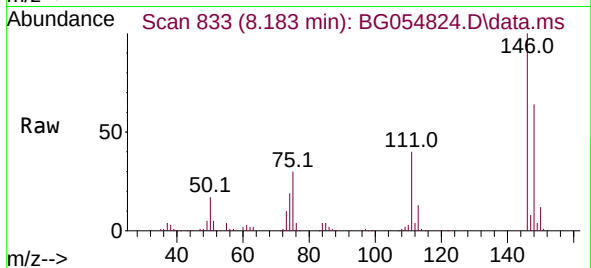
Tgt Ion:146 Resp: 139880

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 39.9 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.930 ng

RT: 8.506 min Scan# 888

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

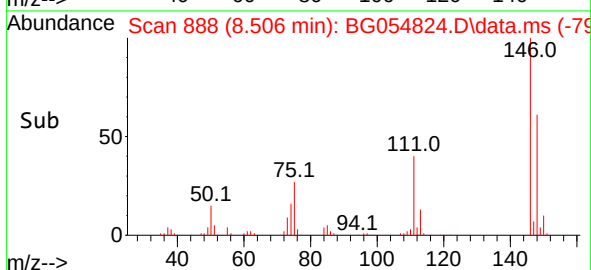
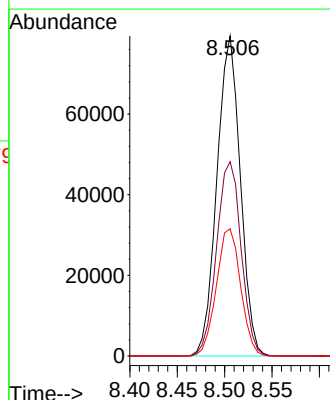
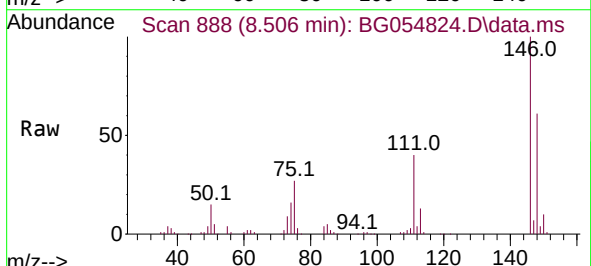
Tgt Ion:146 Resp: 136466

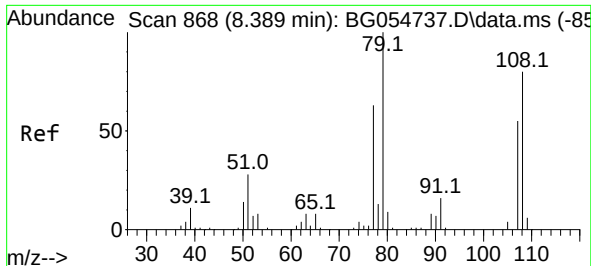
Ion Ratio Lower Upper

146 100

148 60.7 51.2 76.8

111 39.7 34.3 51.5

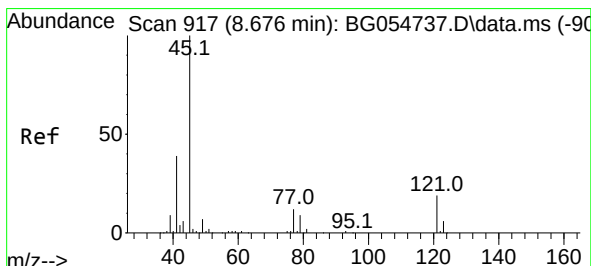
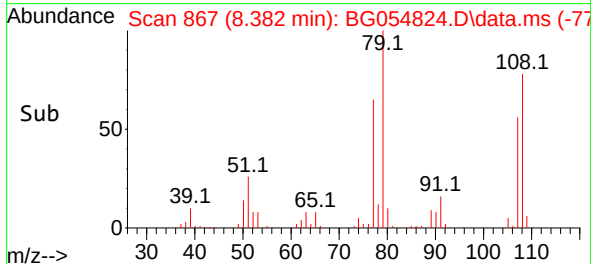
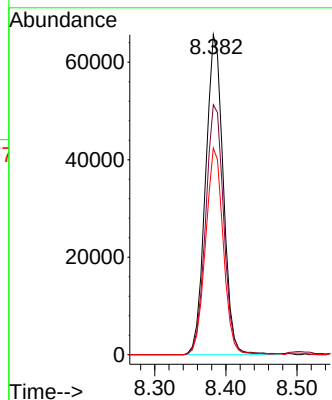
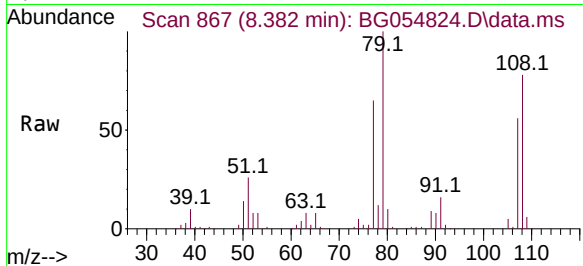




#15
Benzyl Alcohol
Concen: 47.896 ng
RT: 8.382 min Scan# 867
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

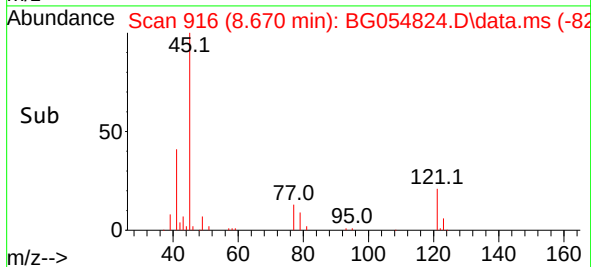
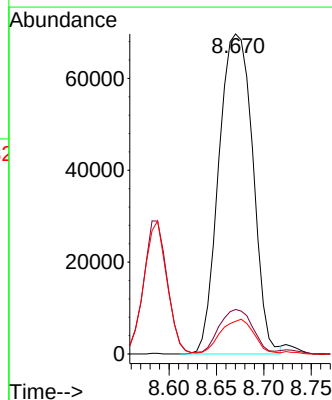
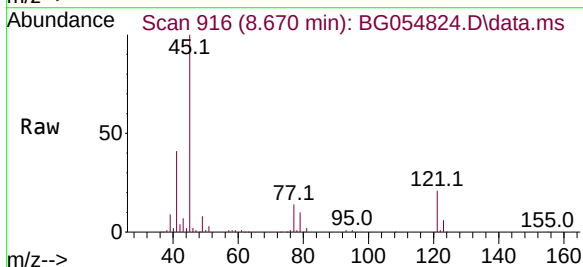
Instrument :
BNA_G
ClientSampleId :
EP-4MS

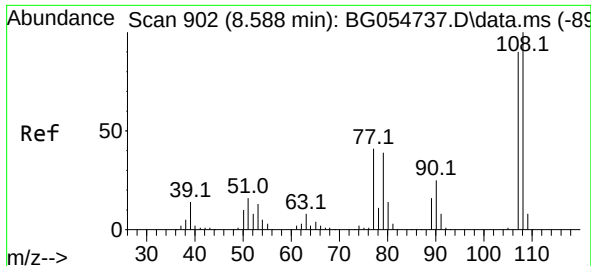
Tgt Ion: 79 Resp: 113789
Ion Ratio Lower Upper
79 100
108 78.1 63.4 95.0
77 64.6 55.0 82.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.844 ng
RT: 8.670 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion: 45 Resp: 173828
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.8
79 10.2 0.0 30.4

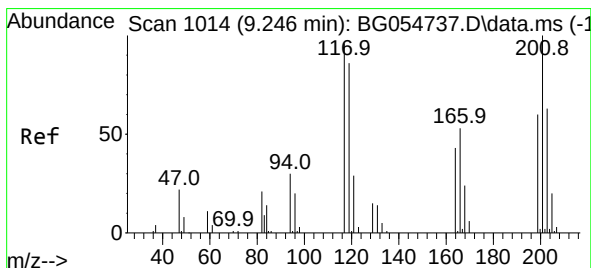
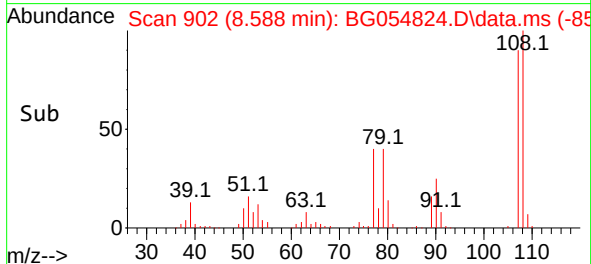
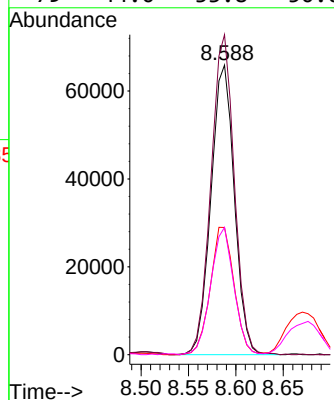
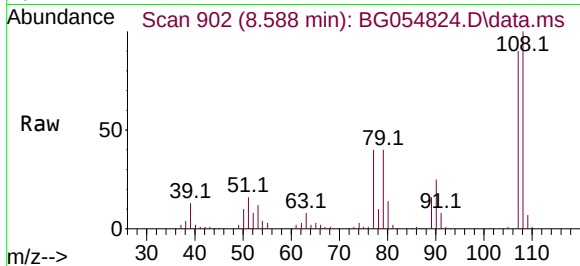




#17
2-Methylphenol
Concen: 48.589 ng
RT: 8.588 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

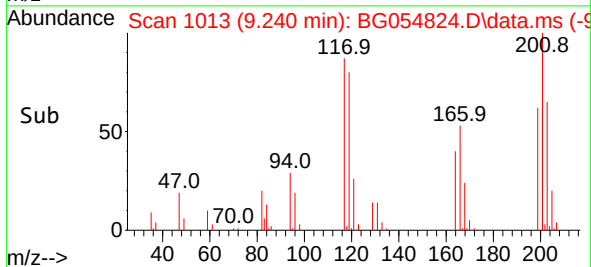
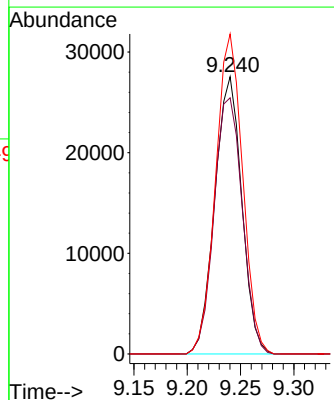
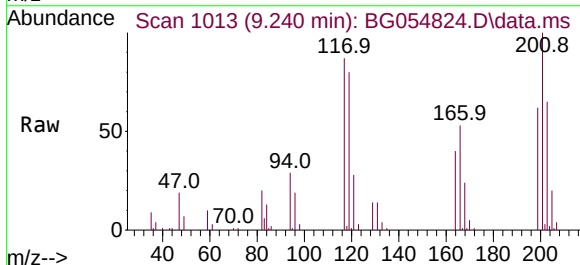
Instrument :
BNA_G
ClientSampleId :
EP-4MS

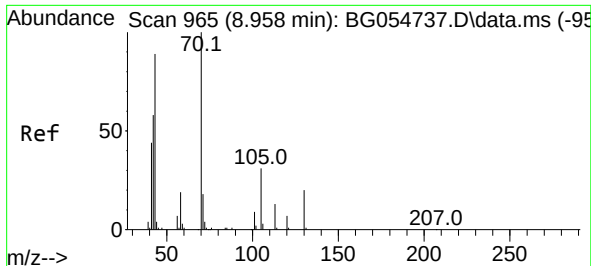
Tgt Ion:	107	Resp:	113136
Ion	Ratio	Lower	Upper
107	100		
108	110.5	85.6	128.4
77	43.9	35.8	53.8
79	44.0	33.8	50.6



#18
Hexachloroethane
Concen: 43.584 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:	117	Resp:	48467
Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.0	115.6
201	115.4	87.2	130.8

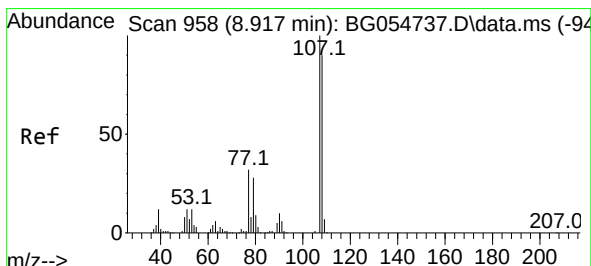
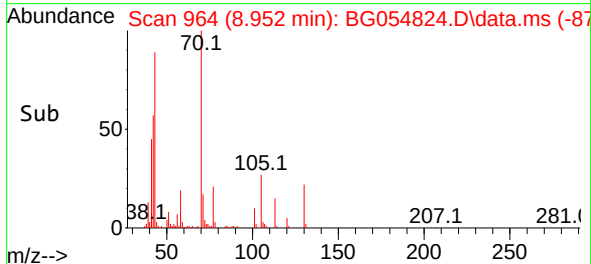
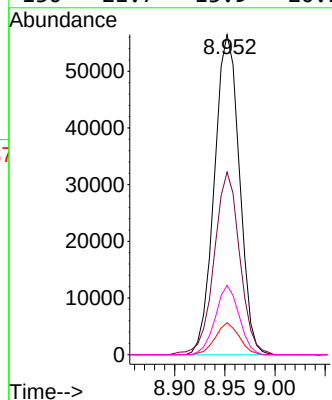
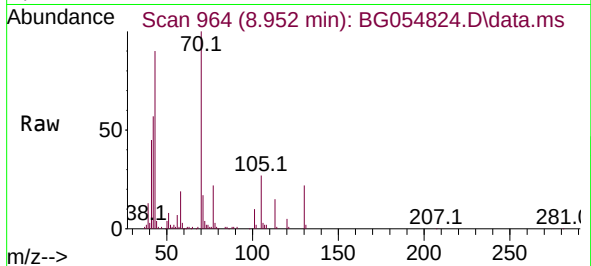




#19
n-Nitroso-di-n-propylamine
Concen: 43.288 ng
RT: 8.952 min Scan# 964
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

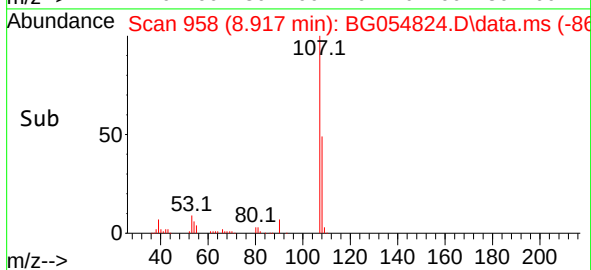
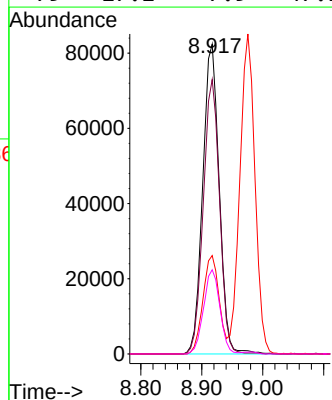
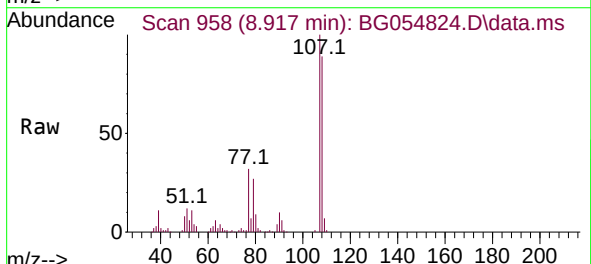
Instrument :
BNA_G
ClientSampleId :
EP-4MS

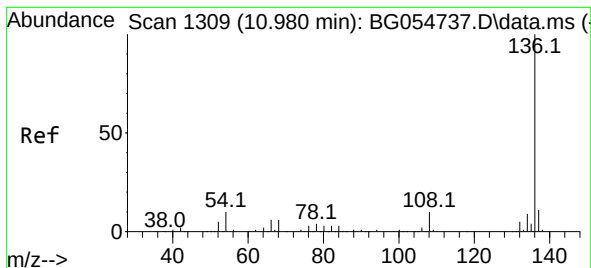
Tgt Ion: 70 Resp: 97892
Ion Ratio Lower Upper
70 100
42 57.0 46.6 69.8
101 10.0 7.7 11.5
130 21.7 13.9 20.9#



#20
3+4-Methylphenols
Concen: 47.850 ng
RT: 8.917 min Scan# 958
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:107 Resp: 154500
Ion Ratio Lower Upper
107 100
108 88.6 71.6 111.6
77 31.8 13.1 53.1
79 27.2 7.9 47.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.973 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

Tgt Ion:136 Resp: 174054

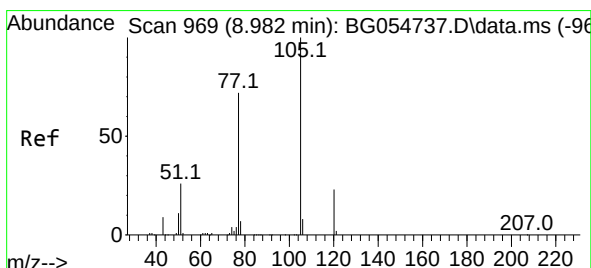
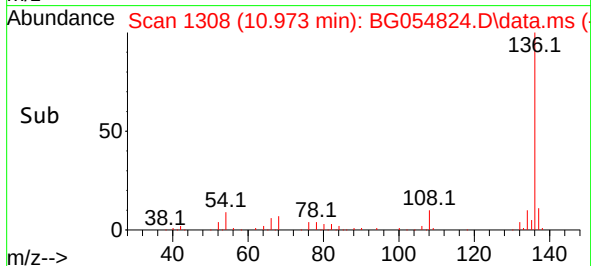
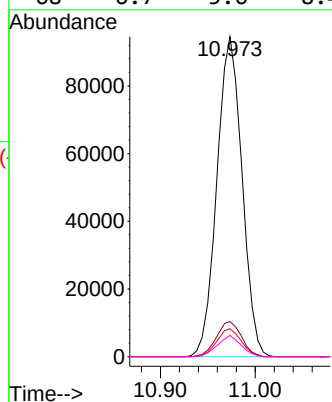
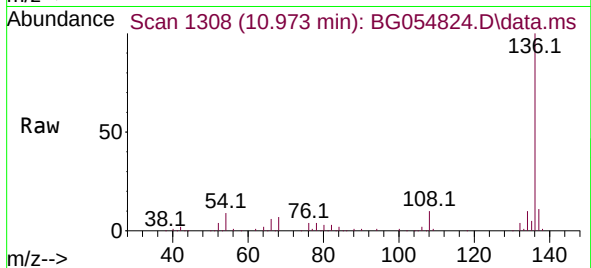
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.7 7.7 11.5

68 6.7 5.6 8.4



#22

Acetophenone

Concen: 44.152 ng

RT: 8.976 min Scan# 968

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Tgt Ion:105 Resp: 192259

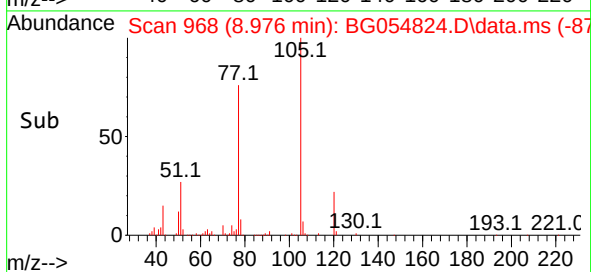
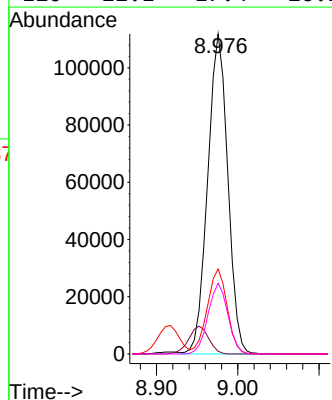
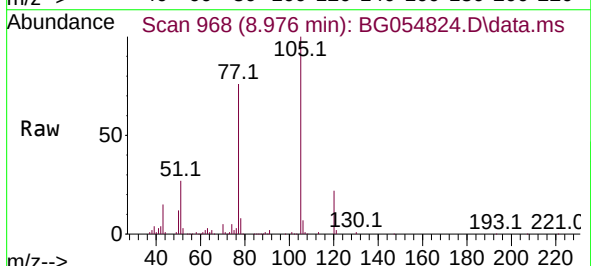
Ion Ratio Lower Upper

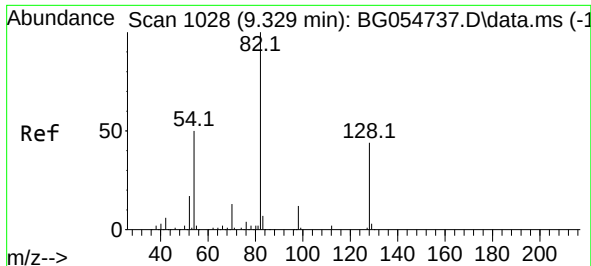
105 100

71 0.9 1.2 1.8#

51 26.5 22.9 34.3

120 22.1 17.4 26.2

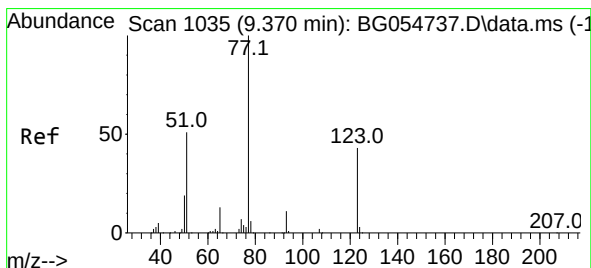
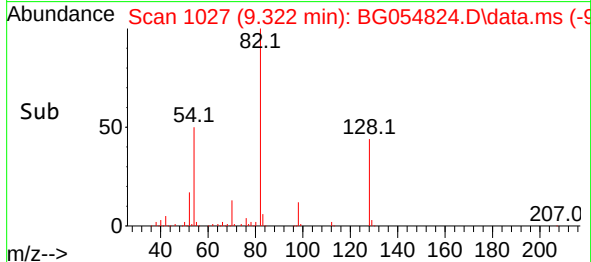
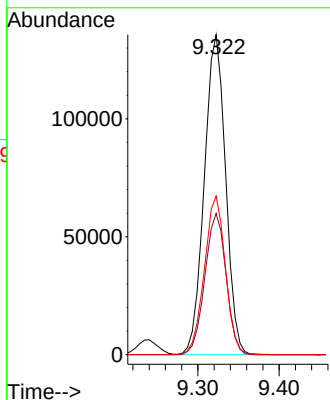
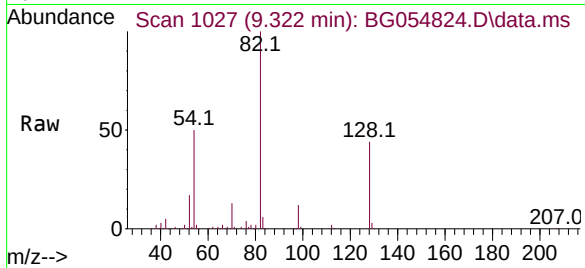




#23
Nitrobenzene-d5
Concen: 74.387 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

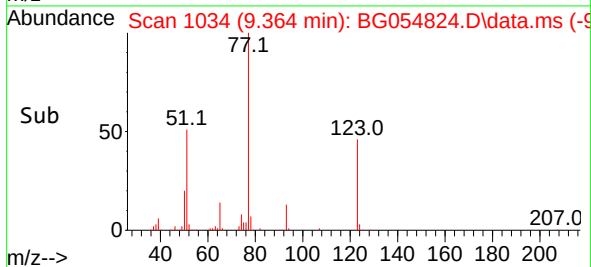
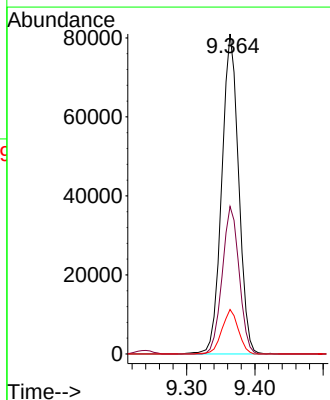
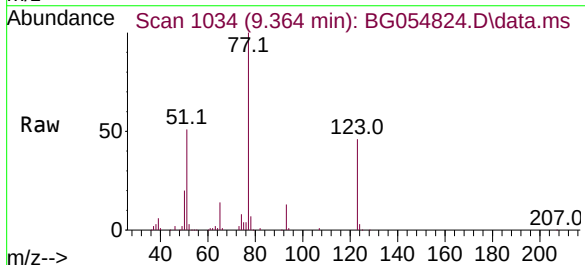
Instrument :
BNA_G
ClientSampleId :
EP-4MS

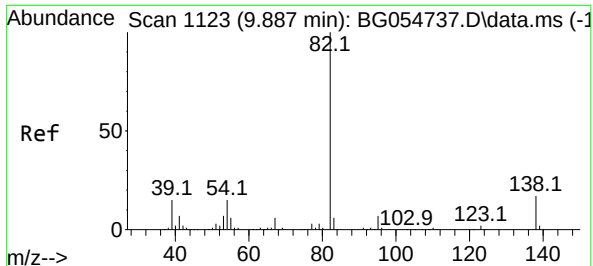
Tgt Ion: 82 Resp: 246634
Ion Ratio Lower Upper
82 100
128 44.2 32.2 48.2
54 49.6 41.4 62.0



#24
Nitrobenzene
Concen: 41.695 ng
RT: 9.364 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion: 77 Resp: 139337
Ion Ratio Lower Upper
77 100
123 46.1 35.0 52.6
65 13.9 10.2 15.2

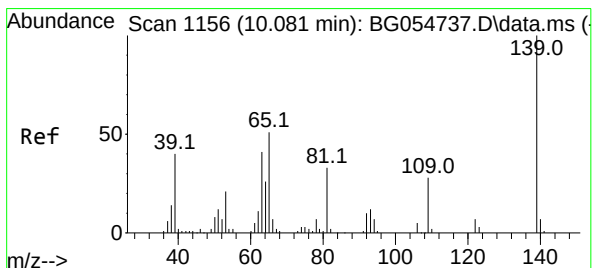
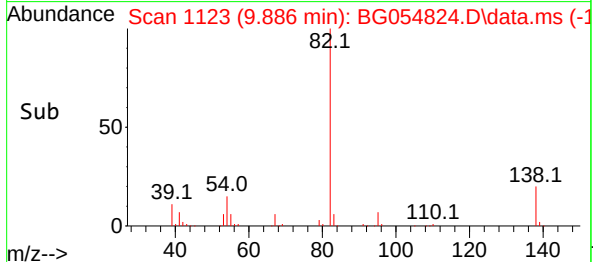
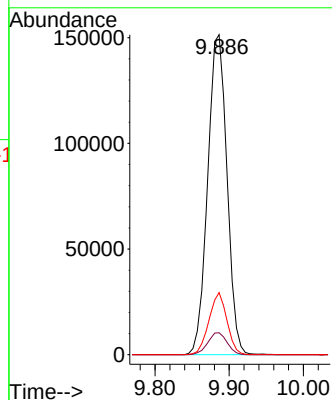
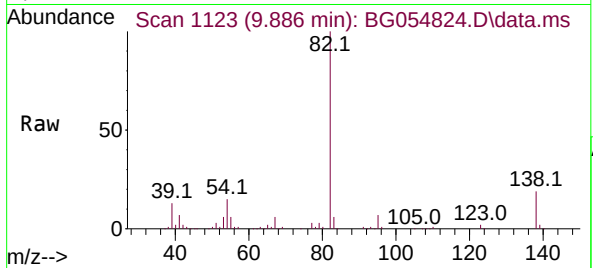




#25
Isophorone
Concen: 44.303 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

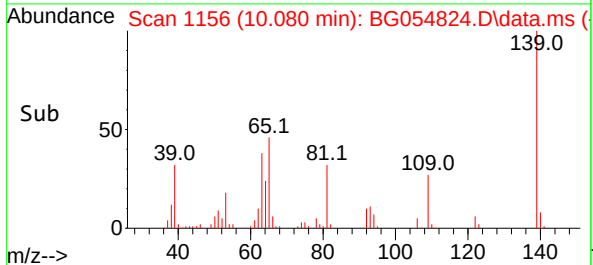
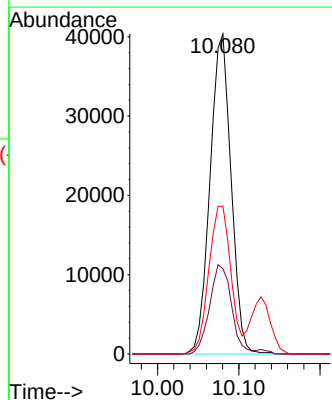
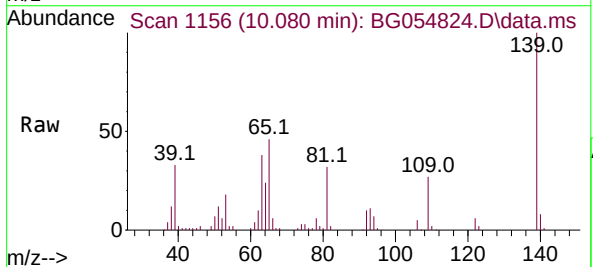
Instrument :
BNA_G
ClientSampleId :
EP-4MS

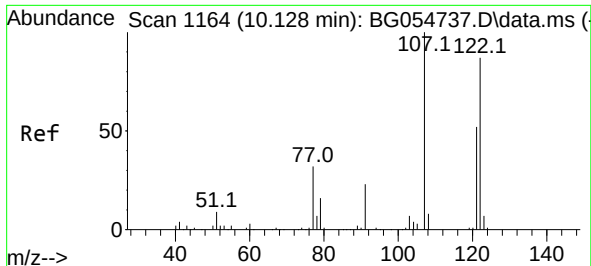
Tgt Ion: 82 Resp: 273883
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.4 13.9 20.9



#26
2-Nitrophenol
Concen: 49.174 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:139 Resp: 72590
Ion Ratio Lower Upper
139 100
109 26.7 21.8 32.6
65 46.2 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.887 ng

RT: 10.127 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

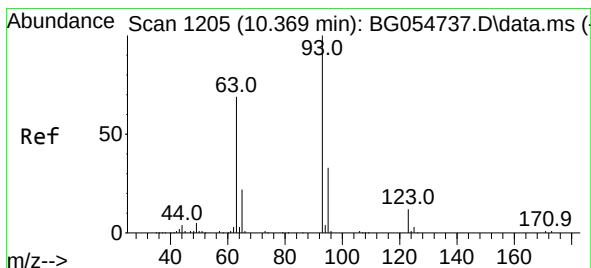
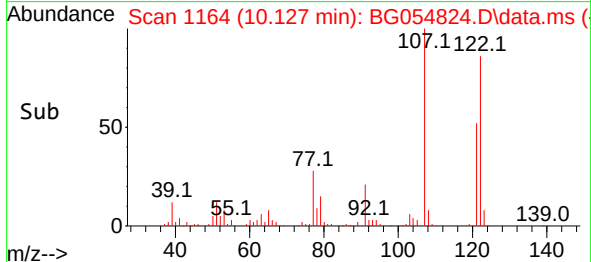
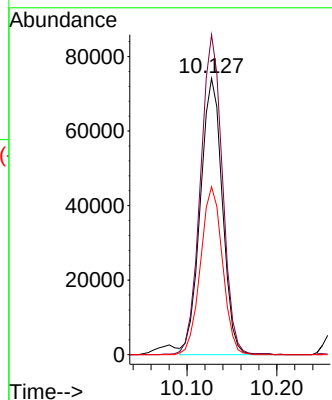
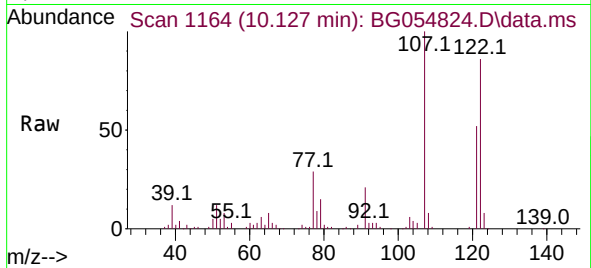
Tgt Ion:122 Resp: 126035

Ion Ratio Lower Upper

122 100

107 115.8 94.6 142.0

121 60.7 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.353 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

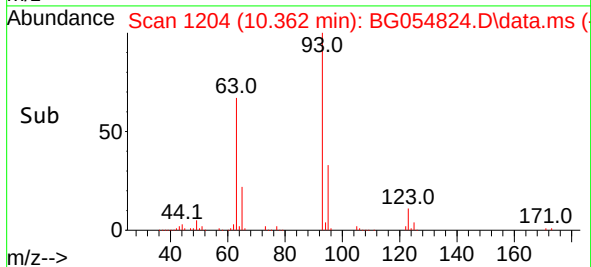
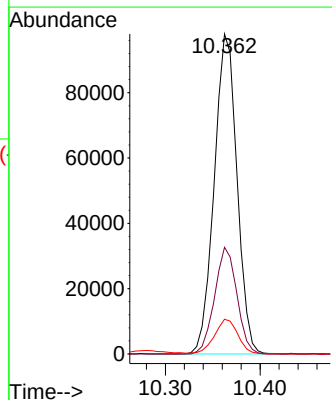
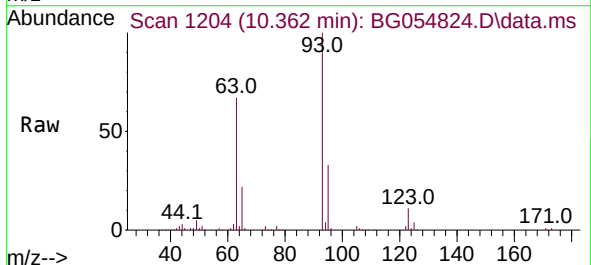
Tgt Ion: 93 Resp: 163288

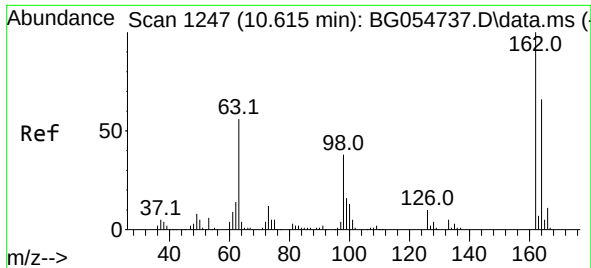
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 10.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.288 ng

RT: 10.615 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

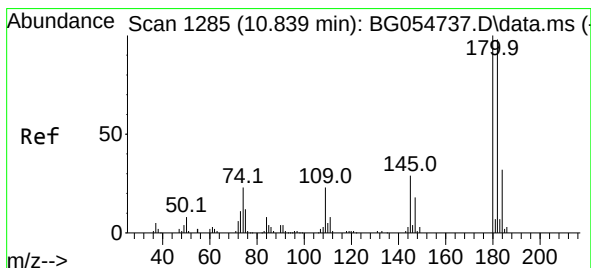
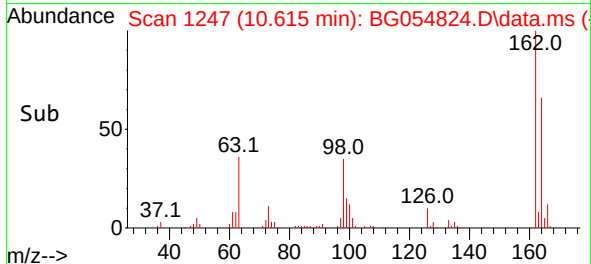
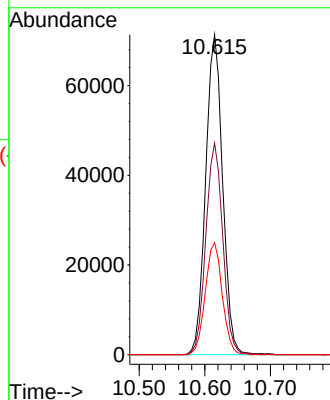
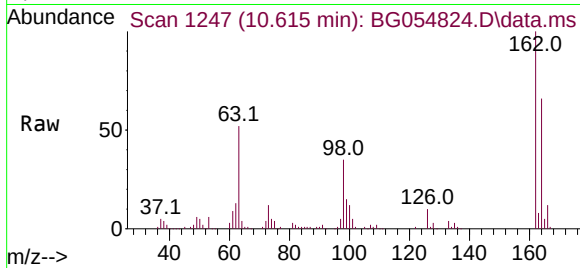
Tgt Ion:162 Resp: 128459

Ion Ratio Lower Upper

162 100

164 66.2 47.2 87.2

98 35.0 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.555 ng

RT: 10.832 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

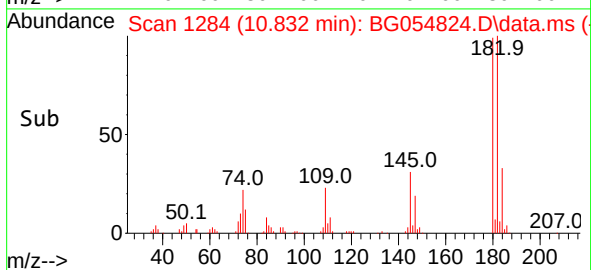
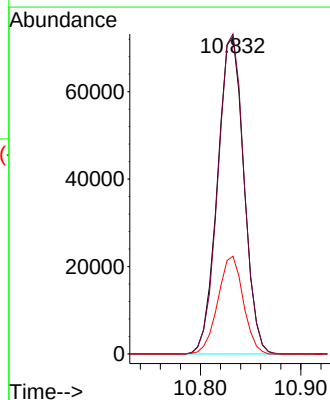
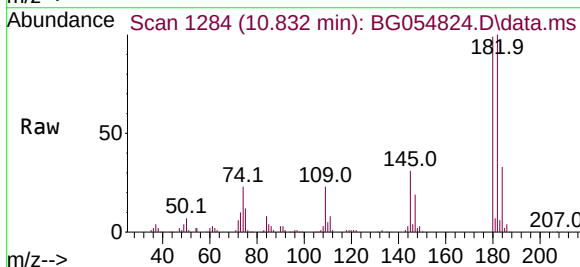
Tgt Ion:180 Resp: 132412

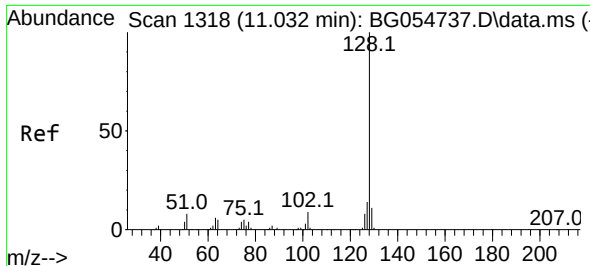
Ion Ratio Lower Upper

180 100

182 100.8 77.0 115.6

145 30.8 24.0 36.0

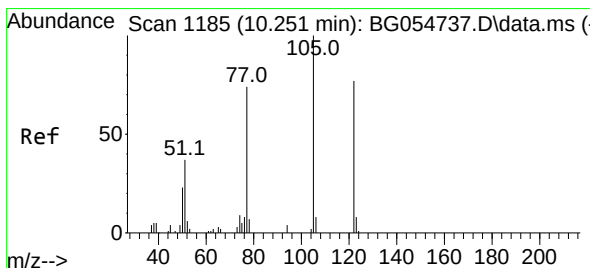
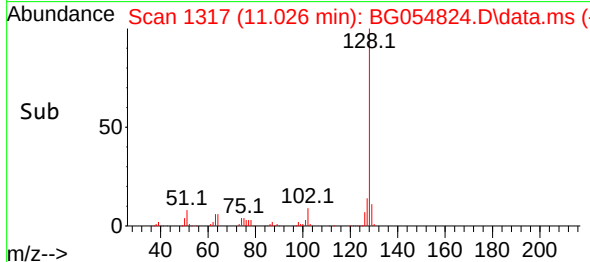
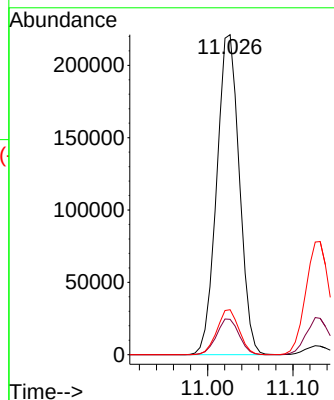
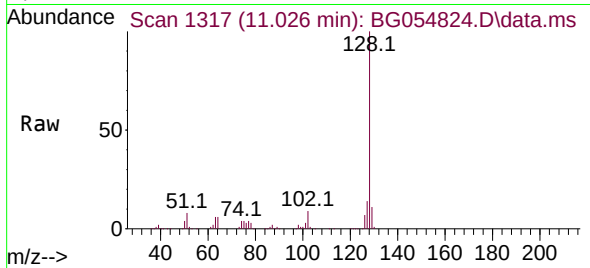




#31
Naphthalene
Concen: 43.633 ng
RT: 11.026 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

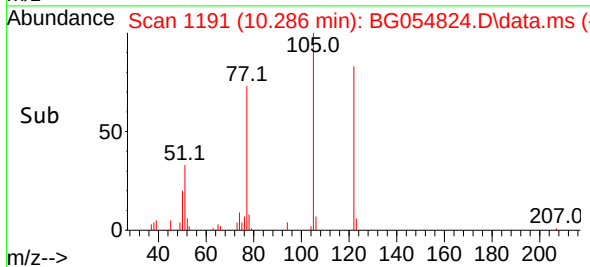
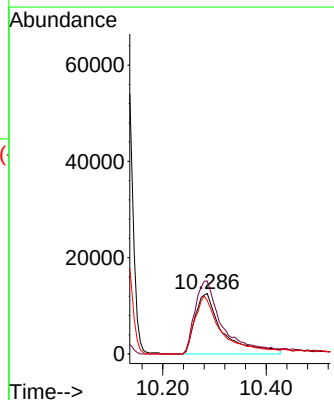
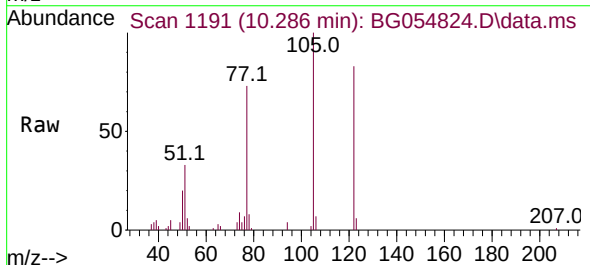
Instrument :
BNA_G
ClientSampleId :
EP-4MS

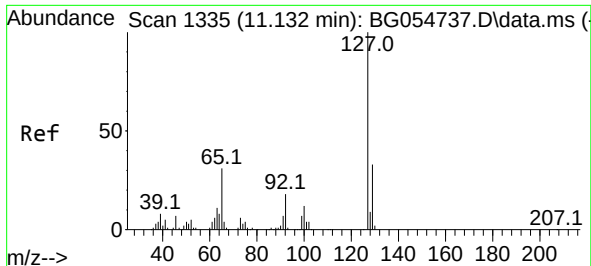
Tgt Ion:128 Resp: 407459
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 31.312 ng
RT: 10.286 min Scan# 1191
Delta R.T. 0.035 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:122 Resp: 46875
Ion Ratio Lower Upper
122 100
105 120.7 101.5 141.5
77 88.4 69.3 109.3

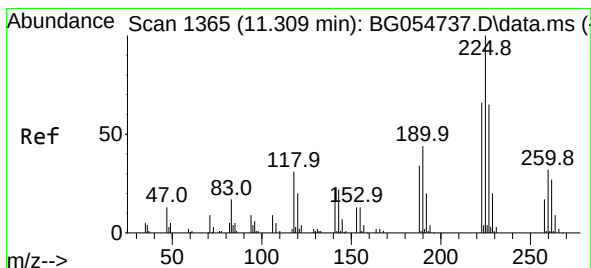
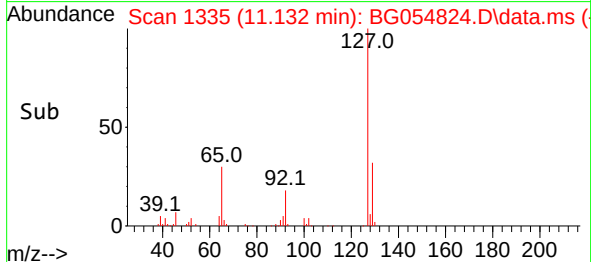
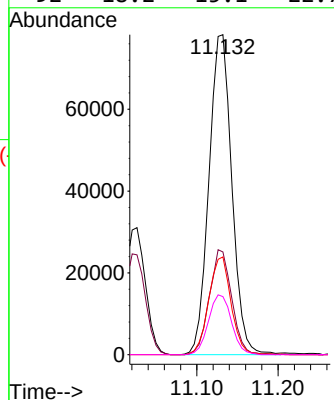
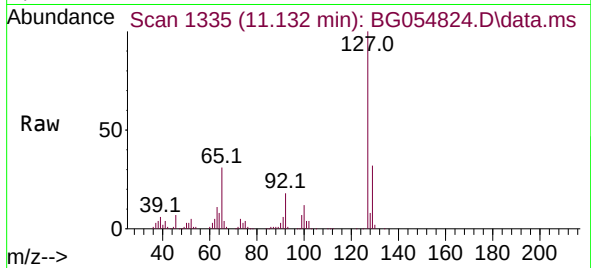




#33
4-Chloroaniline
Concen: 40.293 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

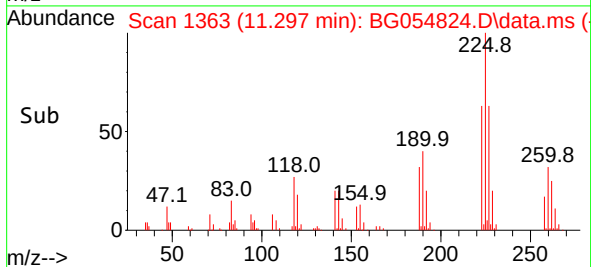
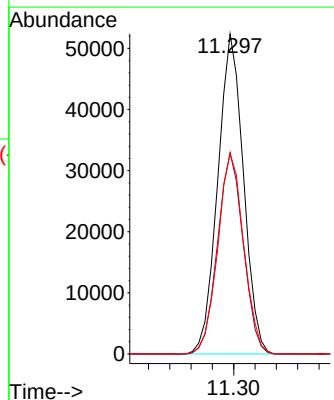
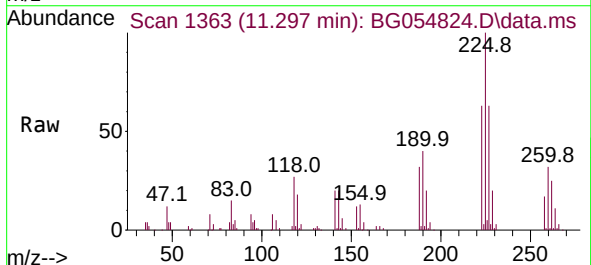
Instrument :
BNA_G
ClientSampleId :
EP-4MS

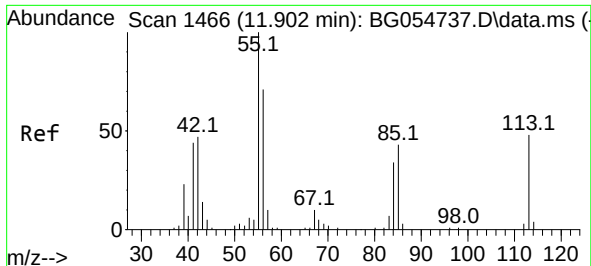
Tgt Ion:127	Resp: 153400
Ion Ratio	Lower Upper
127 100	
129 32.1	26.0 39.0
65 30.6	25.8 38.8
92 18.2	15.1 22.7



#34
Hexachlorobutadiene
Concen: 44.885 ng
RT: 11.297 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:225	Resp: 87428
Ion Ratio	Lower Upper
225 100	
223 62.9	51.4 77.0
227 62.6	52.6 79.0

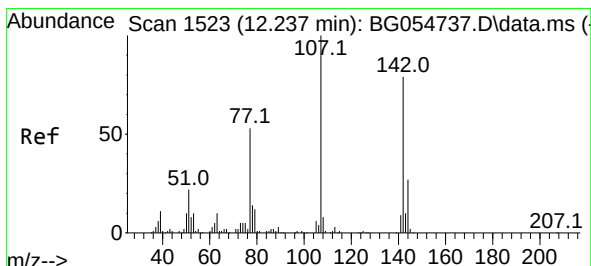
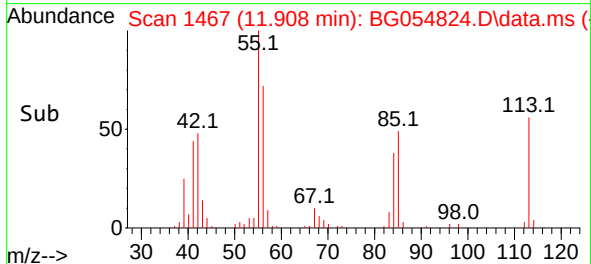
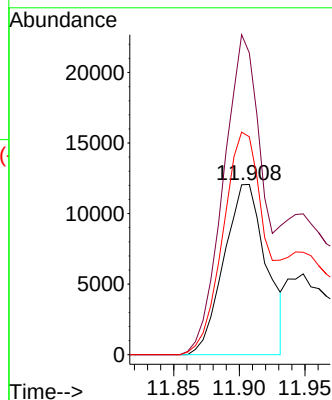
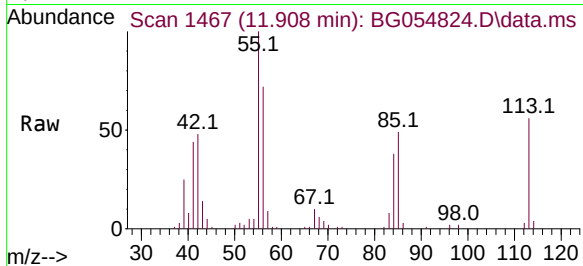




#35
 Caprolactam
 Concen: 28.786 ng
 RT: 11.908 min Scan# 1466
 Delta R.T. 0.006 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

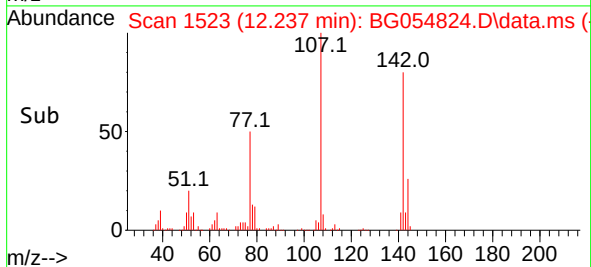
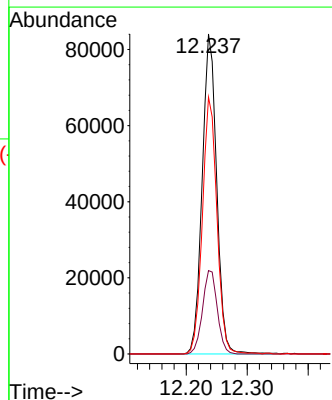
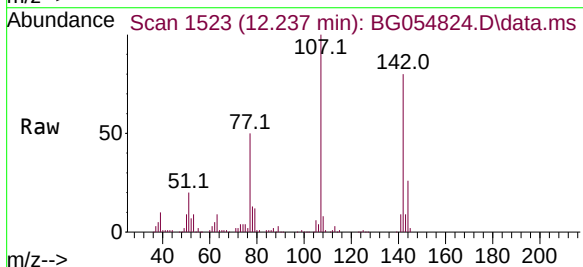
Instrument :
 BNA_G
 ClientSampleId :
 EP-4MS

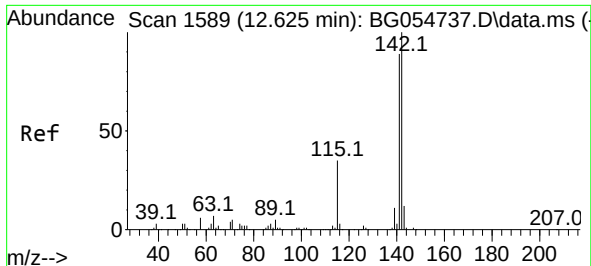
Tgt Ion:113 Resp: 27017
 Ion Ratio Lower Upper
 113 100
 55 177.3 179.1 219.1#
 56 128.0 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.773 ng
 RT: 12.237 min Scan# 1523
 Delta R.T. -0.000 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Tgt Ion:107 Resp: 138976
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.4 33.6
 142 80.2 65.8 98.8





#37

2-Methylnaphthalene

Concen: 44.485 ng

RT: 12.618 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

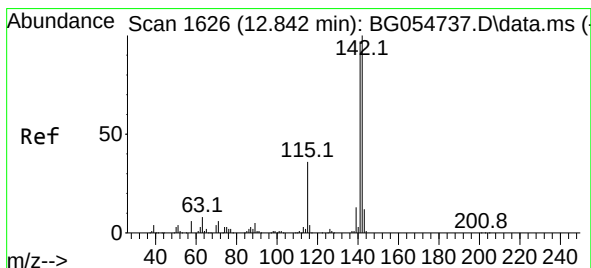
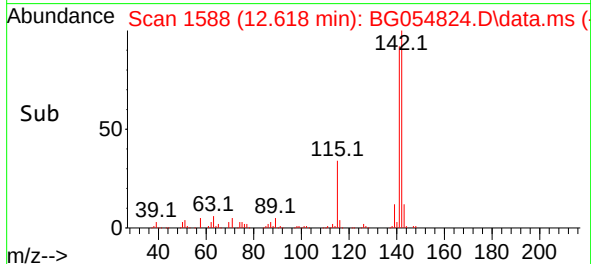
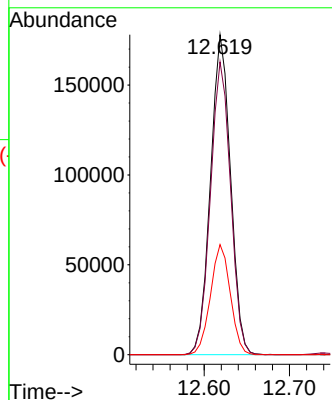
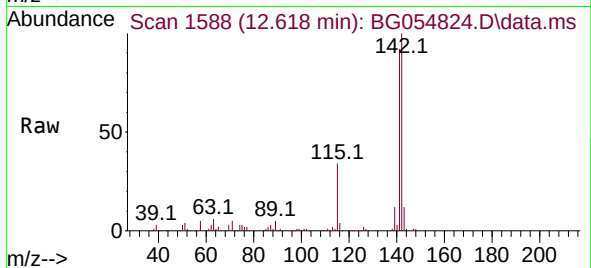
Tgt Ion:142 Resp: 291158

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

115 34.4 27.3 40.9



#38

1-Methylnaphthalene

Concen: 43.372 ng

RT: 12.836 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

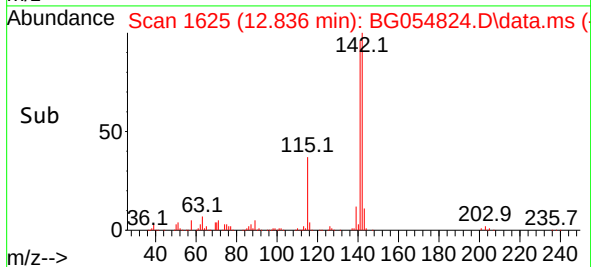
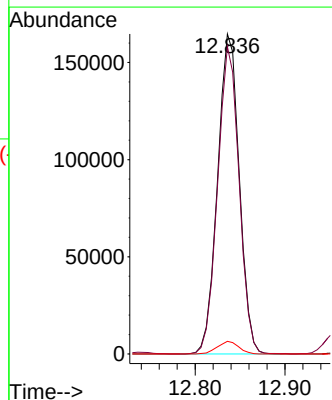
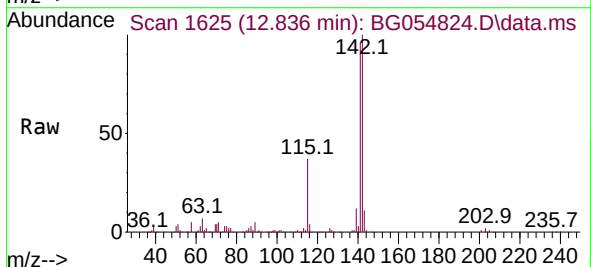
Tgt Ion:142 Resp: 276188

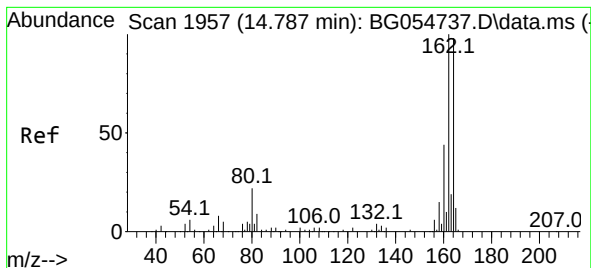
Ion Ratio Lower Upper

142 100

141 96.1 77.4 116.0

116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

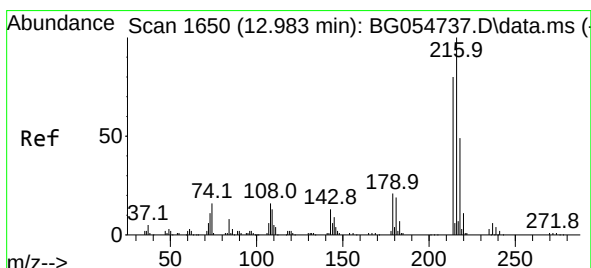
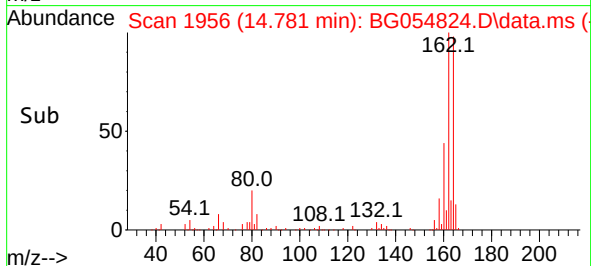
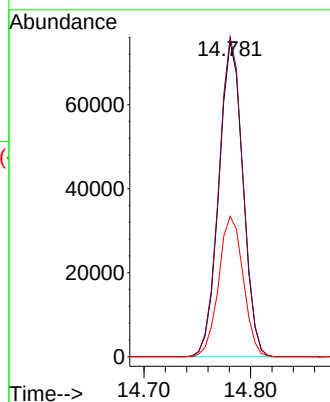
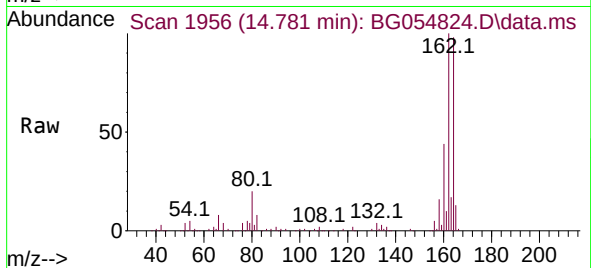
Tgt Ion:164 Resp: 117029

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

160 44.6 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.124 ng

RT: 12.983 min Scan# 1650

Delta R.T. -0.000 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Tgt Ion:216 Resp: 162716

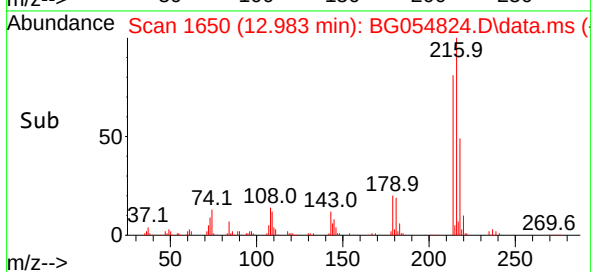
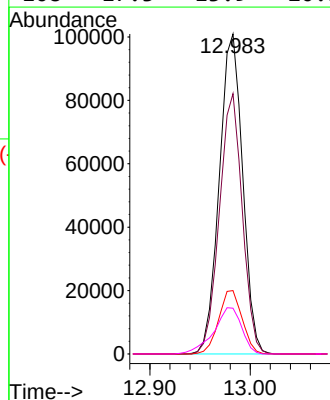
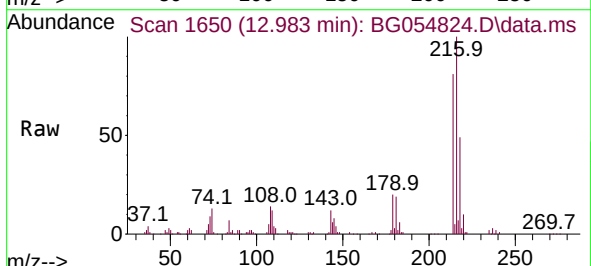
Ion Ratio Lower Upper

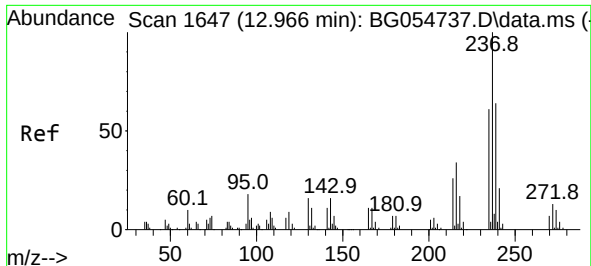
216 100

214 79.6 63.2 94.8

179 19.9 16.5 24.7

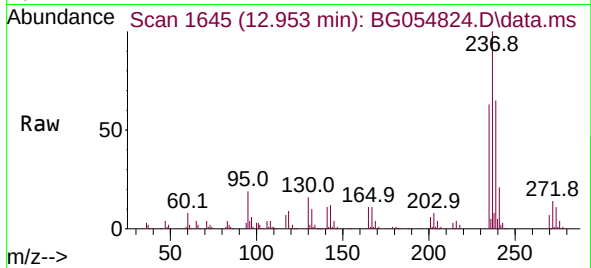
108 17.3 13.9 20.9



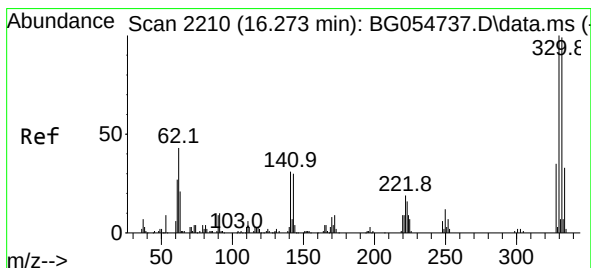
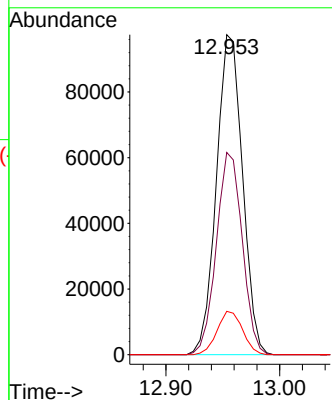
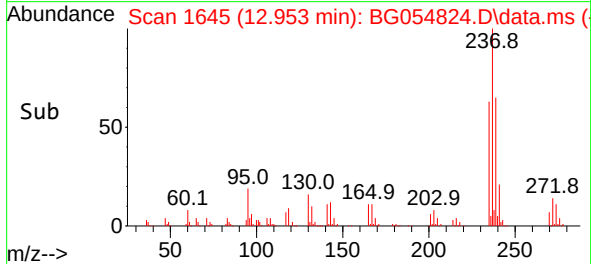


#41
Hexachlorocyclopentadiene
Concen: 83.209 ng
RT: 12.953 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

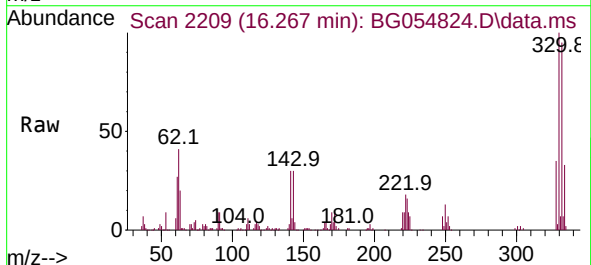
Instrument :
BNA_G
ClientSampleId :
EP-4MS



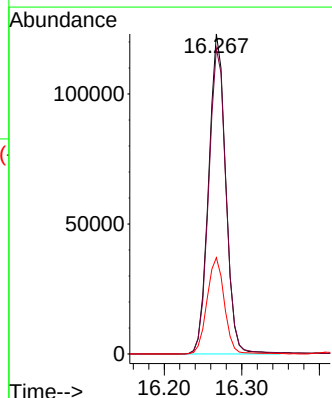
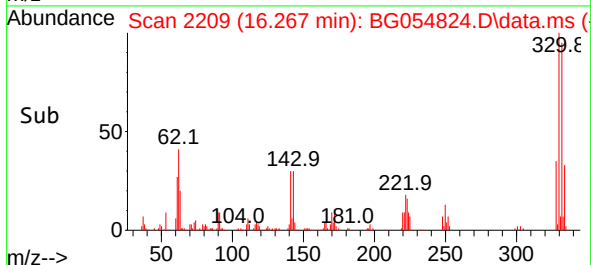
Tgt Ion:237 Resp: 155675
Ion Ratio Lower Upper
237 100
235 63.2 42.2 82.2
272 13.5 0.0 34.0

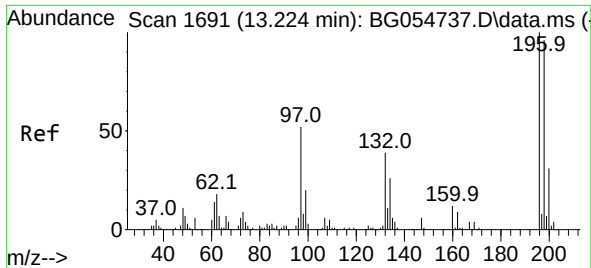


#42
2,4,6-Tribromophenol
Concen: 128.587 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12



Tgt Ion:330 Resp: 188040
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 30.7 26.8 40.2

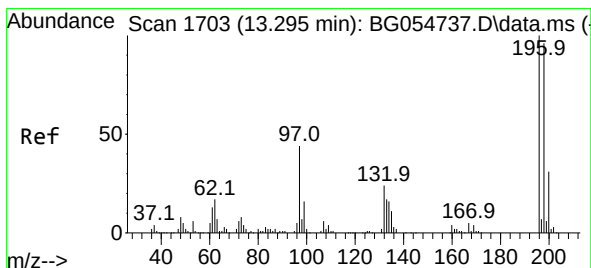
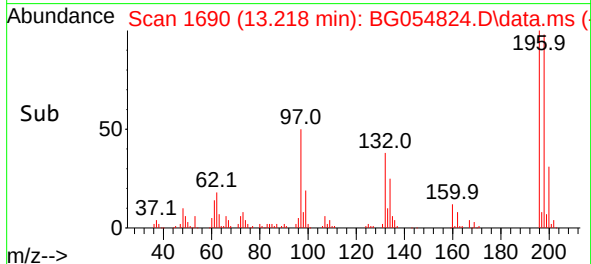
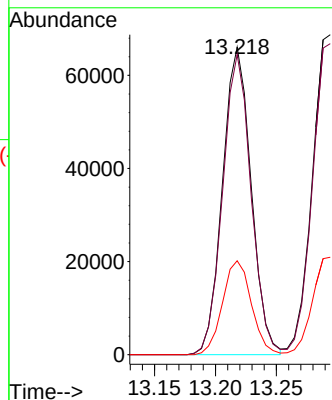
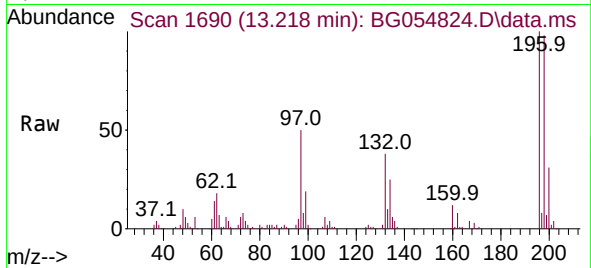




#43
2,4,6-Trichlorophenol
Concen: 46.171 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

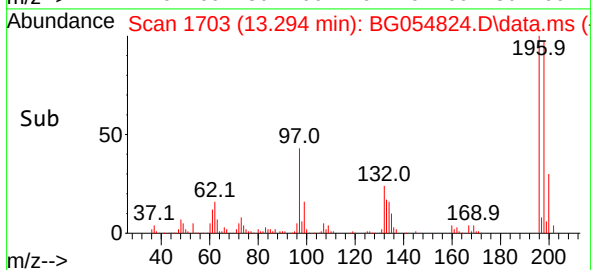
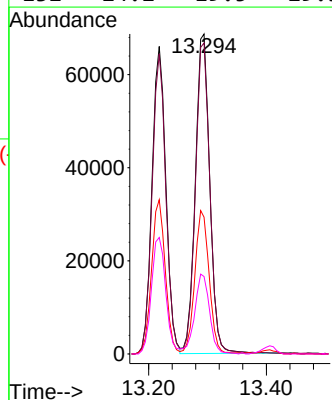
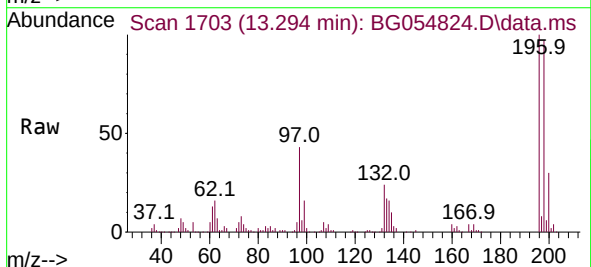
Instrument :
BNA_G
ClientSampleId :
EP-4MS

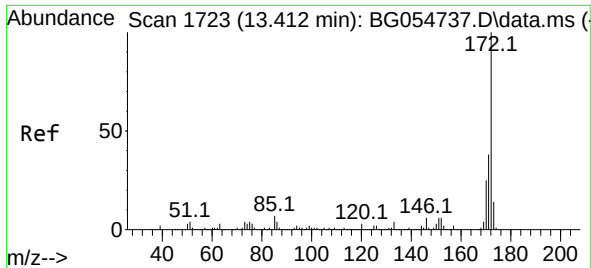
Tgt Ion:196 Resp: 108112
Ion Ratio Lower Upper
196 100
198 97.6 77.1 115.7
200 30.5 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 44.507 ng
RT: 13.294 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:196 Resp: 117038
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
97 42.8 36.6 55.0
132 24.2 19.5 29.3

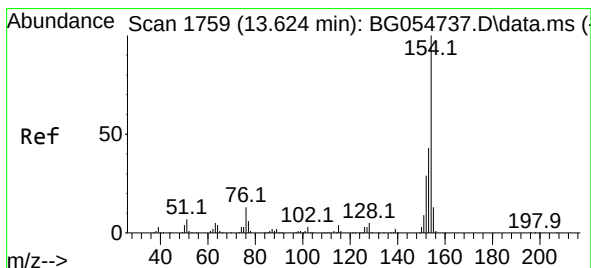
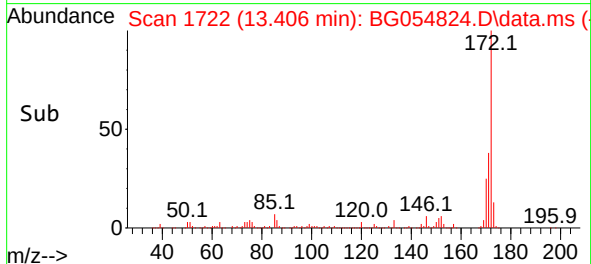
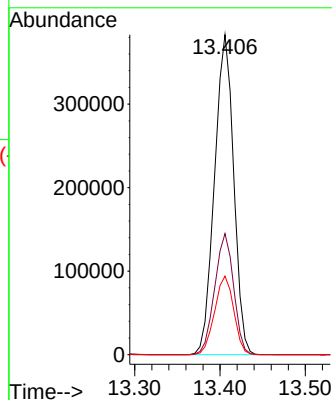
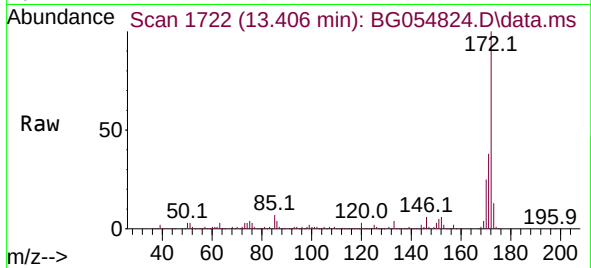




#45
2-Fluorobiphenyl
Concen: 76.697 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

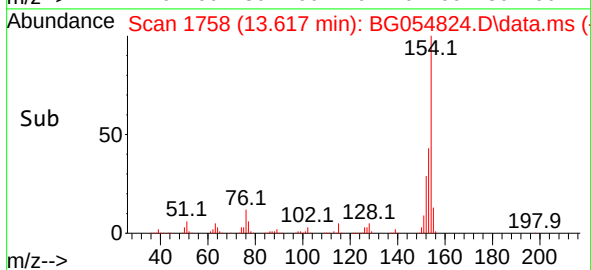
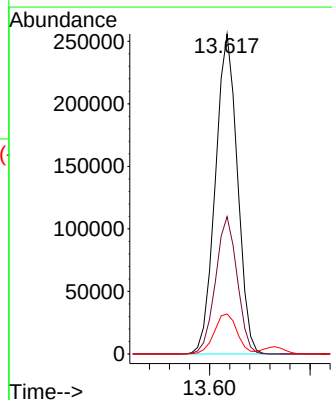
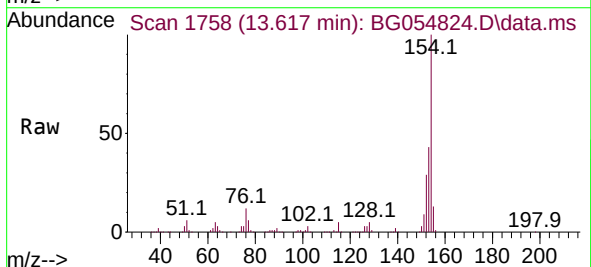
Instrument :
BNA_G
ClientSampleId :
EP-4MS

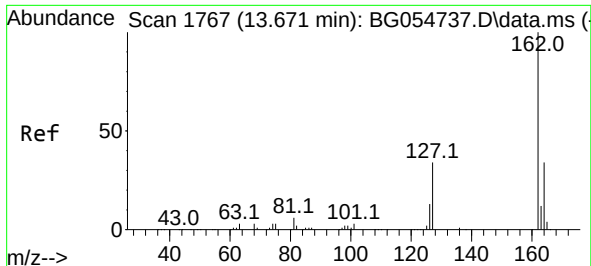
Tgt Ion:172 Resp: 597187
Ion Ratio Lower Upper
172 100
171 37.8 31.2 46.8
170 24.6 20.6 30.8



#46
1,1'-Biphenyl
Concen: 44.897 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:154 Resp: 390187
Ion Ratio Lower Upper
154 100
153 42.9 22.2 62.2
76 12.5 0.0 34.0

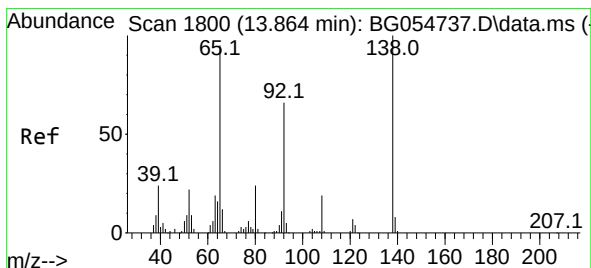
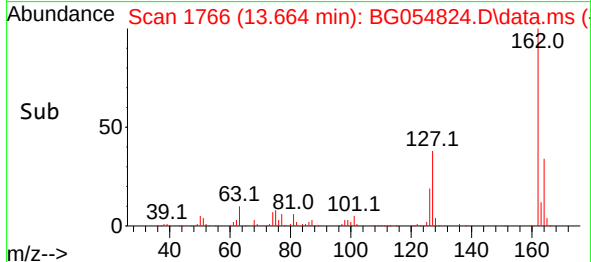
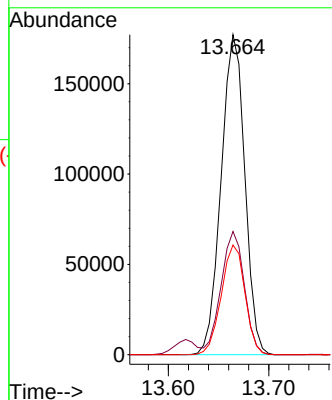
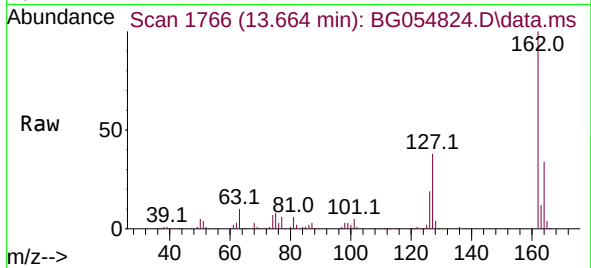




#47
2-Chloronaphthalene
Concen: 43.898 ng
RT: 13.664 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

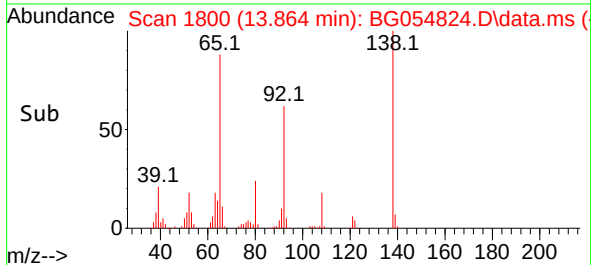
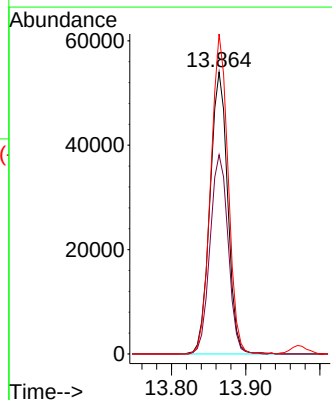
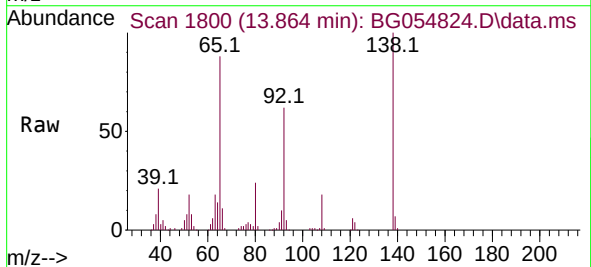
Instrument :
BNA_G
ClientSampleId :
EP-4MS

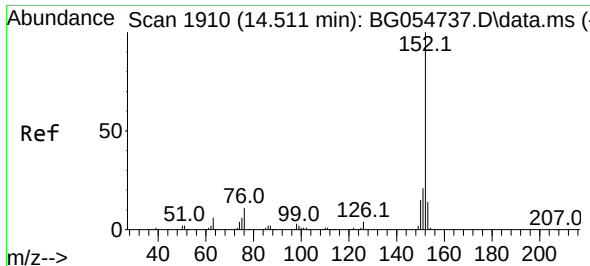
Tgt Ion:162 Resp: 289733
Ion Ratio Lower Upper
162 100
127 38.5 31.5 47.3
164 34.3 27.8 41.6



#48
2-Nitroaniline
Concen: 43.179 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion: 65 Resp: 89315
Ion Ratio Lower Upper
65 100
92 70.7 54.7 82.1
138 113.5 84.1 126.1

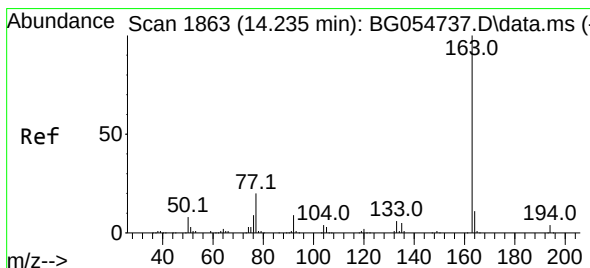
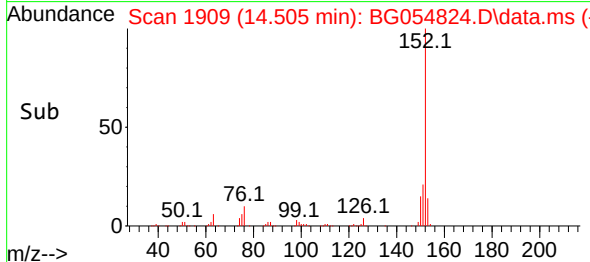
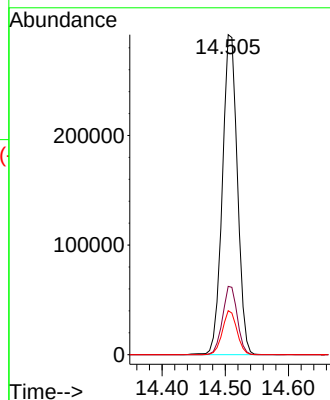
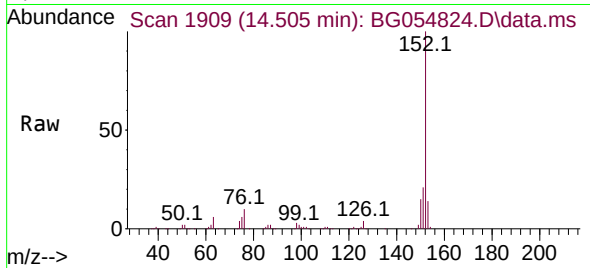




#49
Acenaphthylene
Concen: 44.258 ng
RT: 14.505 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

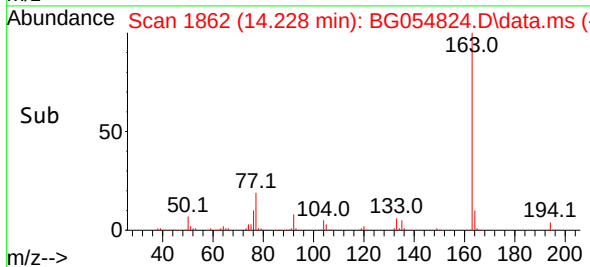
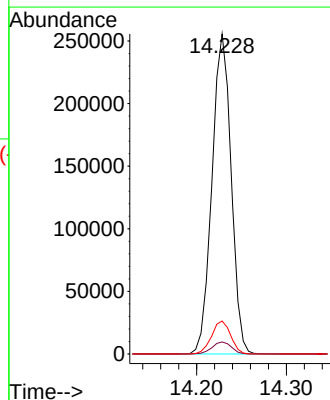
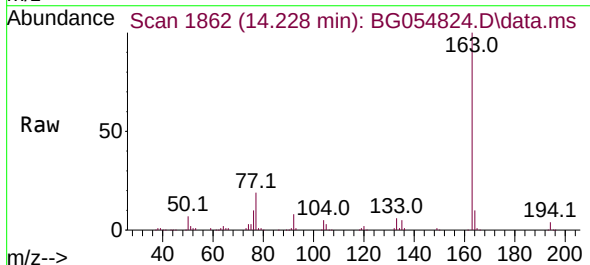
Instrument :
BNA_G
ClientSampleId :
EP-4MS

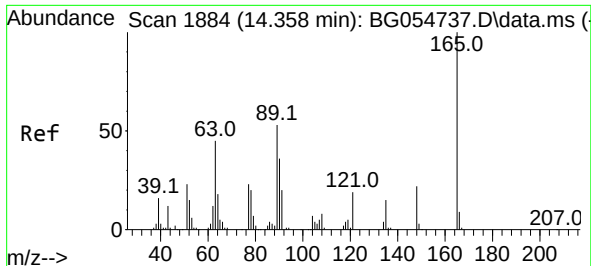
Tgt Ion:152 Resp: 482035
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9
153 13.7 10.8 16.2



#50
Dimethylphthalate
Concen: 41.942 ng
RT: 14.228 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:163 Resp: 378154
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 8.0 12.0

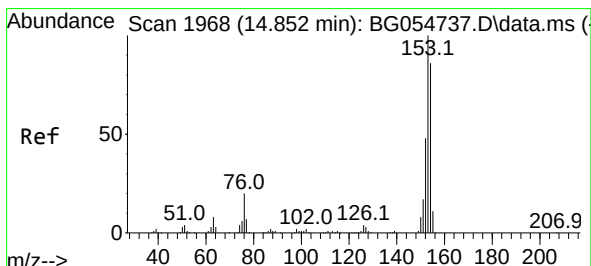
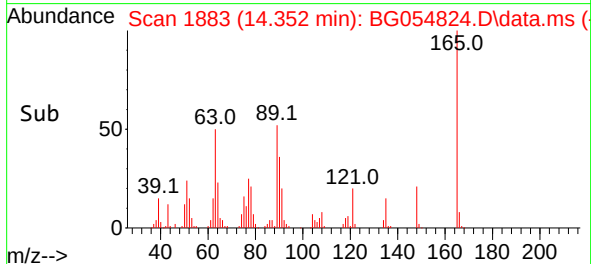
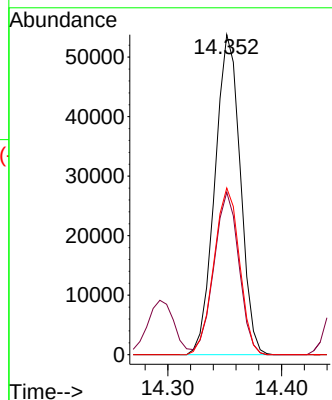
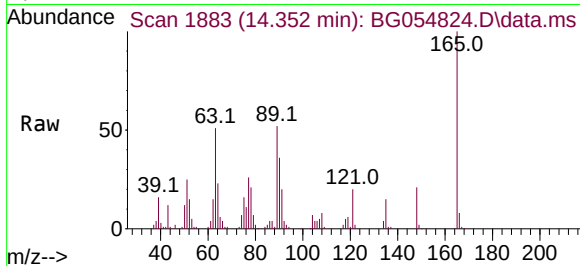




#51
2,6-Dinitrotoluene
Concen: 45.277 ng
RT: 14.352 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

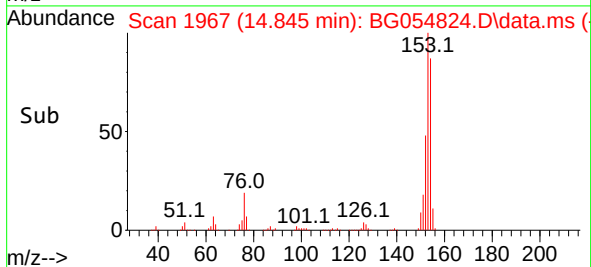
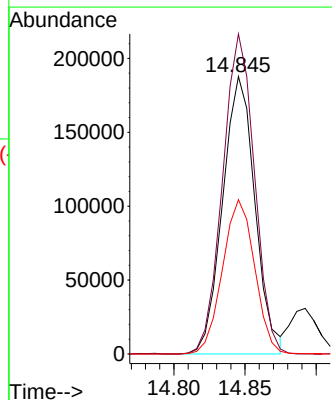
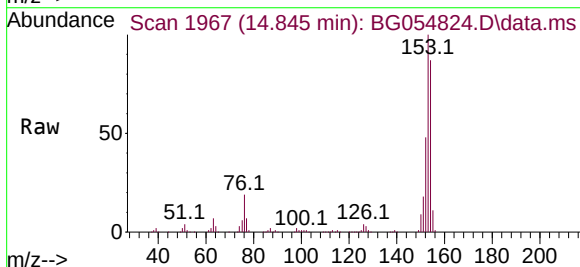
Instrument :
BNA_G
ClientSampleId :
EP-4MS

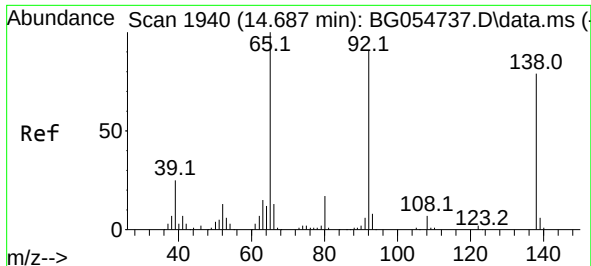
Tgt Ion:165 Resp: 83496
Ion Ratio Lower Upper
165 100
63 50.8 46.0 69.0
89 52.1 50.3 75.5



#52
Acenaphthene
Concen: 42.477 ng
RT: 14.845 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:154 Resp: 297175
Ion Ratio Lower Upper
154 100
153 115.3 92.8 139.2
152 55.6 45.4 68.2

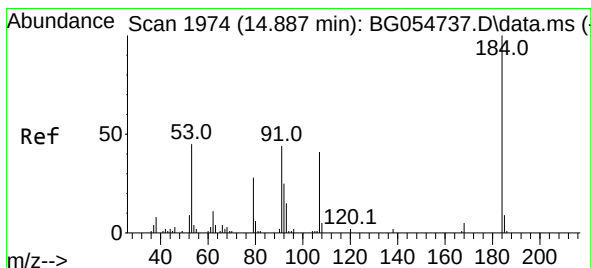
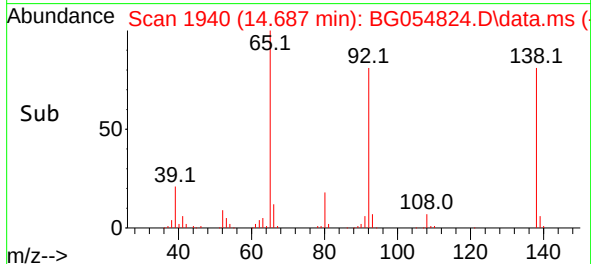
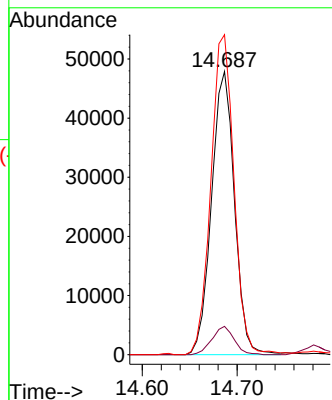
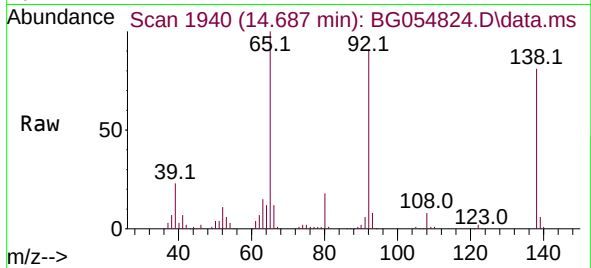




#53
 3-Nitroaniline
 Concen: 38.969 ng
 RT: 14.687 min Scan# 1940
 Delta R.T. -0.000 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

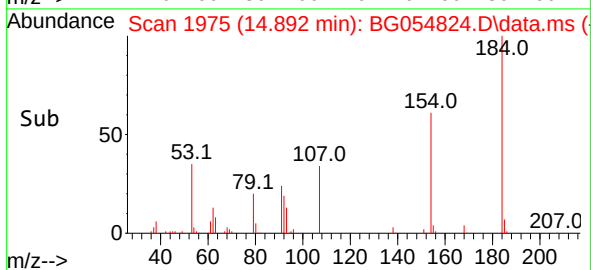
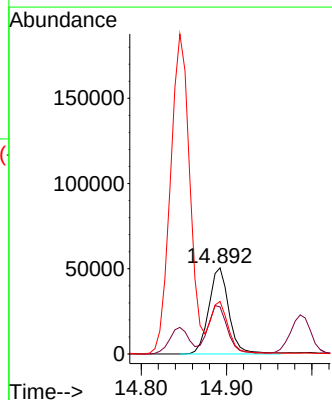
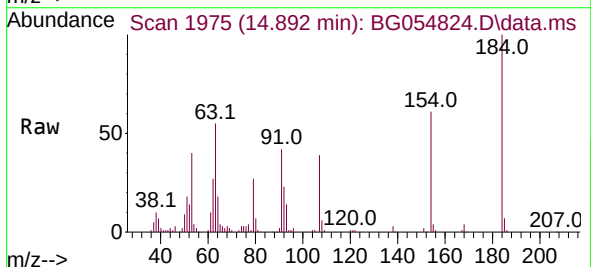
Instrument :
 BNA_G
 ClientSampleId :
 EP-4MS

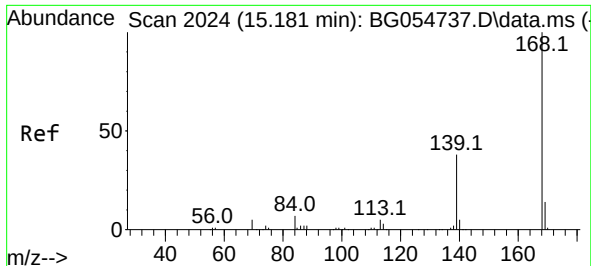
Tgt Ion:138 Resp: 80447
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.6 11.4
 92 113.0 96.0 144.0



#54
 2,4-Dinitrophenol
 Concen: 79.341 ng
 RT: 14.892 min Scan# 1975
 Delta R.T. 0.005 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Tgt Ion:184 Resp: 82512
 Ion Ratio Lower Upper
 184 100
 63 54.8 41.8 62.8
 154 61.1 45.2 67.8

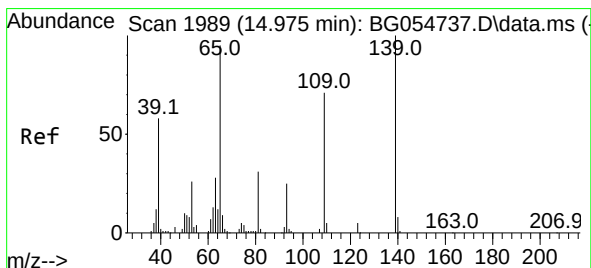
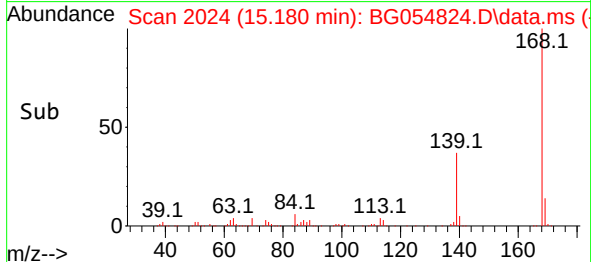
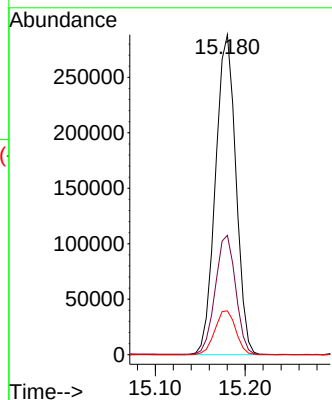
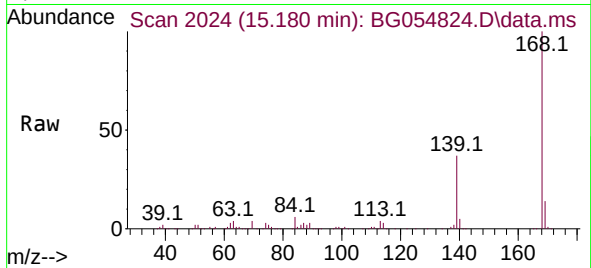




#55
Dibenzenofuran
Concen: 44.262 ng
RT: 15.180 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

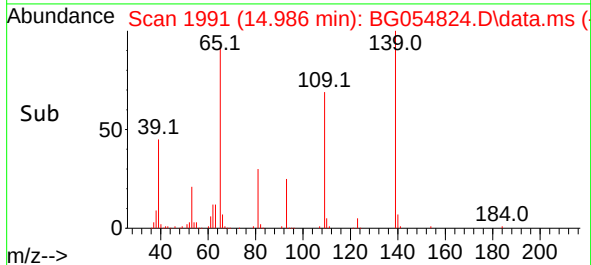
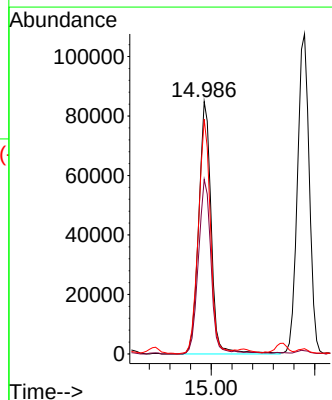
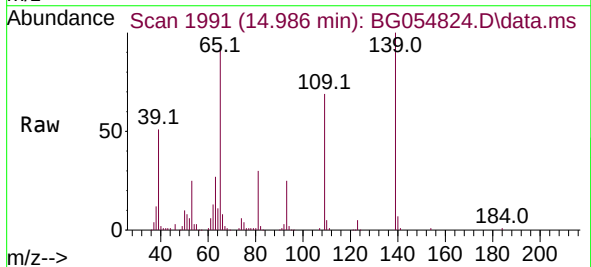
Instrument :
BNA_G
ClientSampleId :
EP-4MS

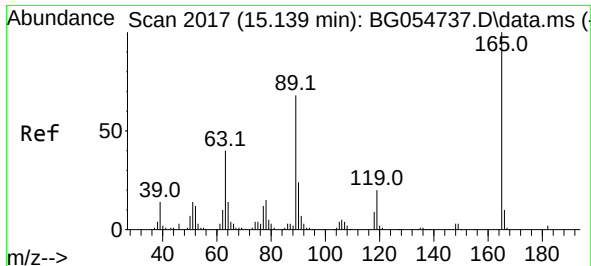
Tgt Ion:168 Resp: 455023
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 89.082 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:139 Resp: 142315
Ion Ratio Lower Upper
139 100
109 69.2 50.5 90.5
65 93.0 79.9 119.9

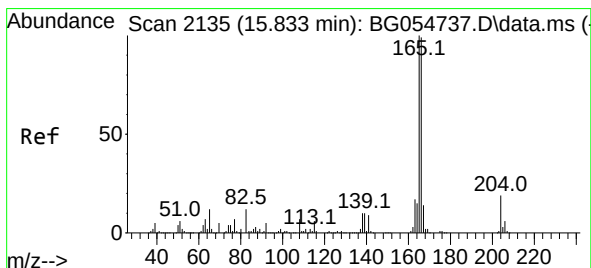
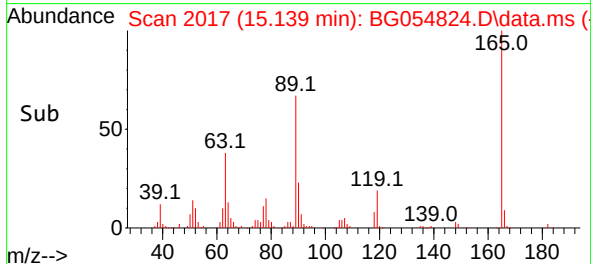
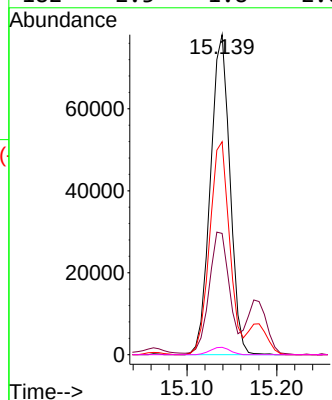
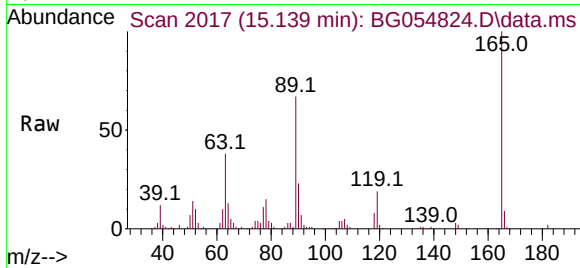




#57
2,4-Dinitrotoluene
Concen: 46.100 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

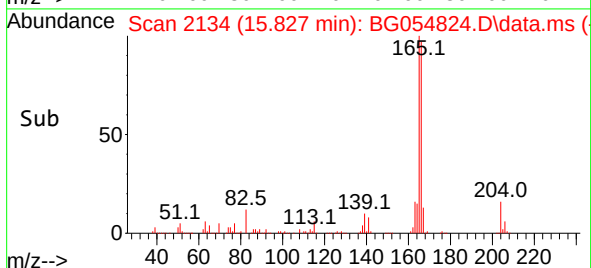
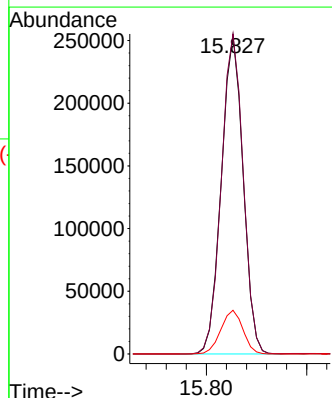
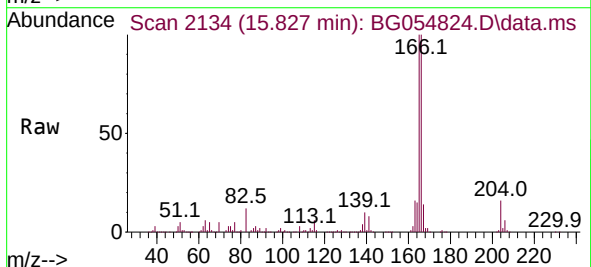
Instrument :
BNA_G
ClientSampleId :
EP-4MS

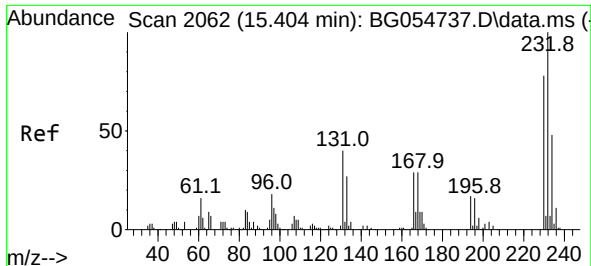
Tgt Ion:165 Resp: 117590
Ion Ratio Lower Upper
165 100
63 37.9 36.8 55.2
89 66.5 64.3 96.5
182 2.3 1.8 2.6



#58
Fluorene
Concen: 44.089 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:166 Resp: 381830
Ion Ratio Lower Upper
166 100
165 100.4 80.8 121.2
167 13.7 11.4 17.0

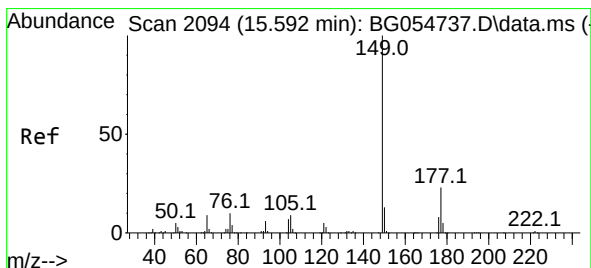
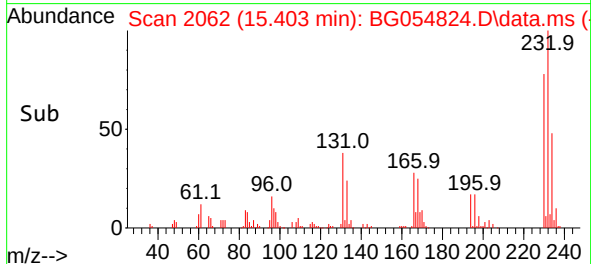
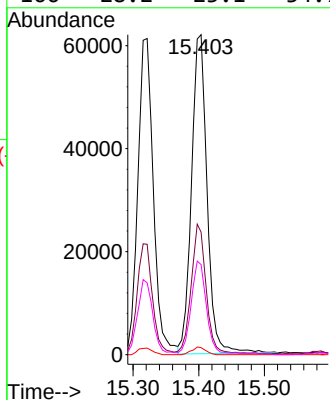
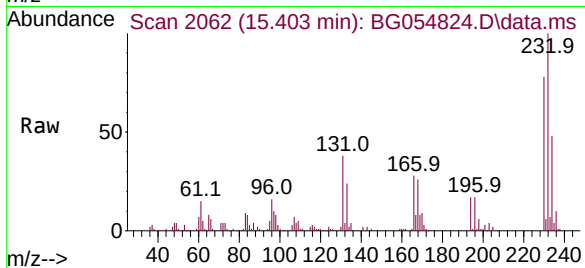




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.242 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

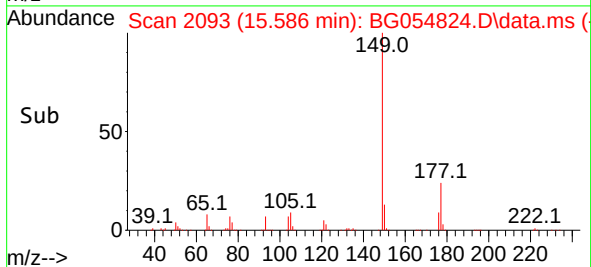
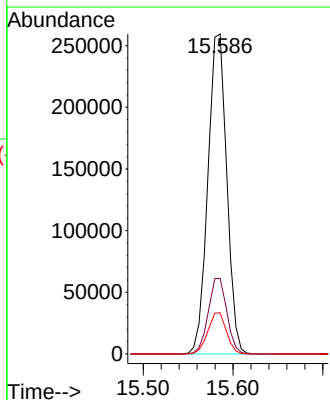
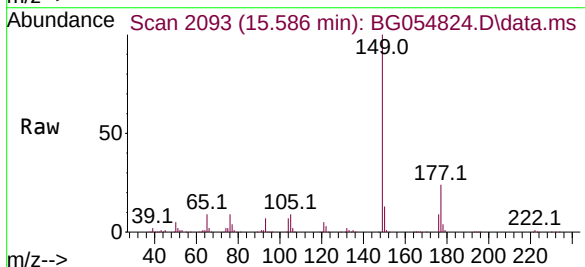
Instrument :
BNA_G
ClientSampleId :
EP-4MS

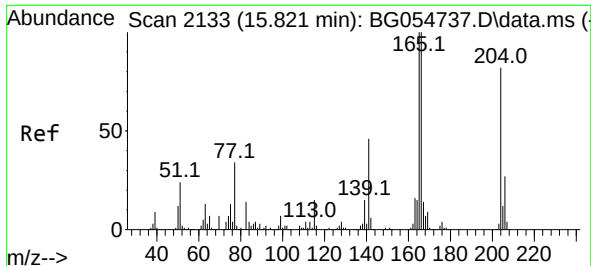
Tgt Ion:232 Resp: 102504
Ion Ratio Lower Upper
232 100
131 39.2 31.3 46.9
130 2.1 1.8 2.6
166 28.2 23.1 34.7



#60
Diethylphthalate
Concen: 42.089 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:149 Resp: 378926
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.6
150 12.9 10.1 15.1

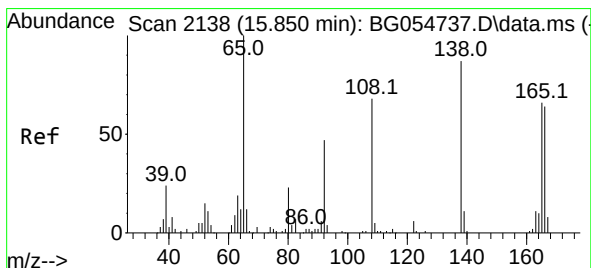
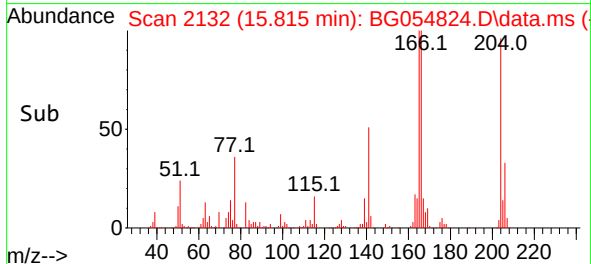
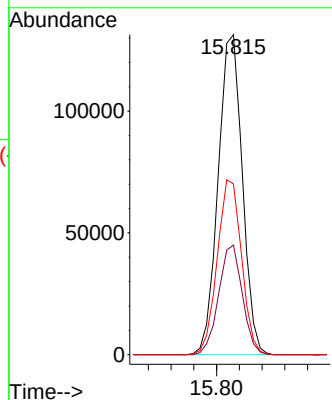
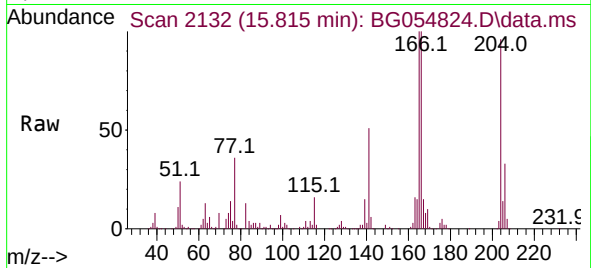




#61
4-Chlorophenyl-phenylether
Concen: 45.413 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

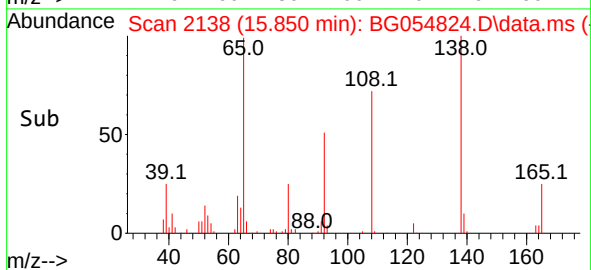
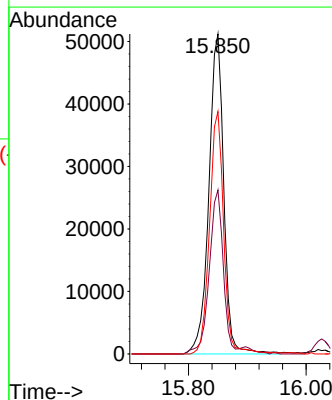
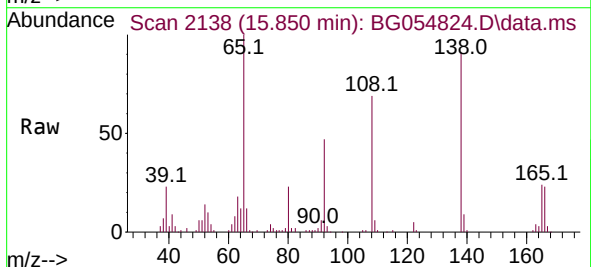
Instrument :
BNA_G
ClientSampleId :
EP-4MS

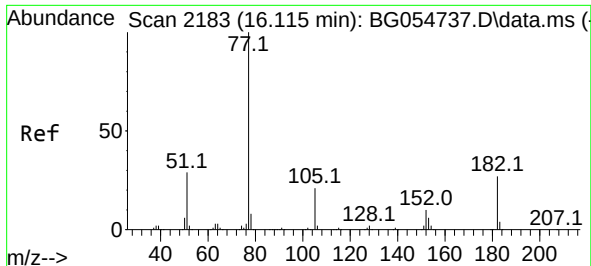
Tgt Ion:204 Resp: 194017
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 53.3 44.9 67.3



#62
4-Nitroaniline
Concen: 42.834 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:138 Resp: 90282
Ion Ratio Lower Upper
138 100
92 51.3 34.7 74.7
108 75.8 56.2 96.2

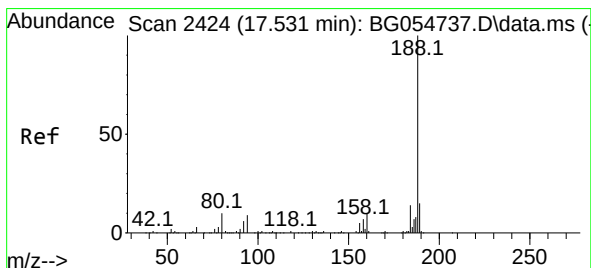
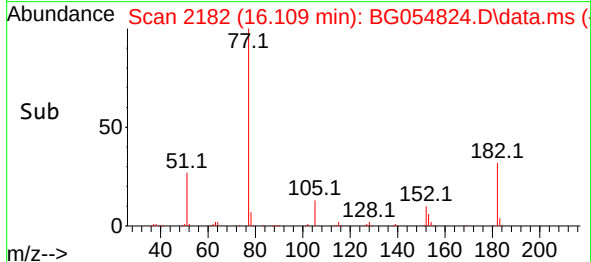
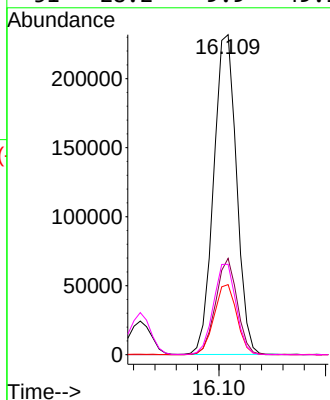
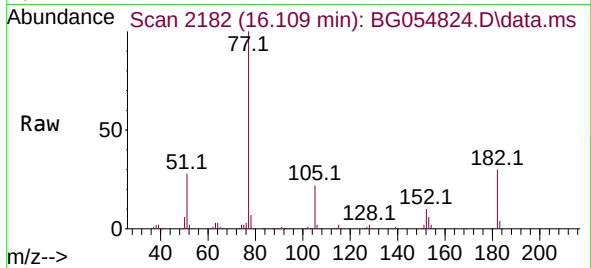




#63
Azobenzene
Concen: 40.180 ng
RT: 16.109 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

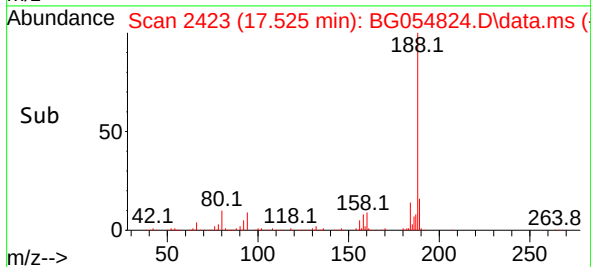
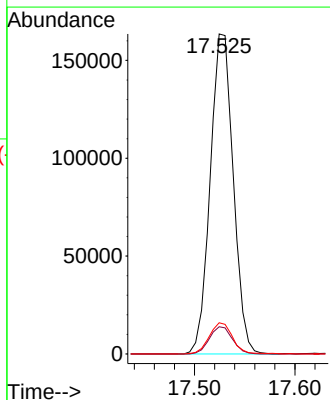
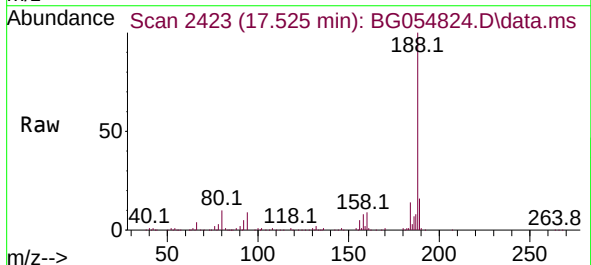
Instrument :
BNA_G
ClientSampleId :
EP-4MS

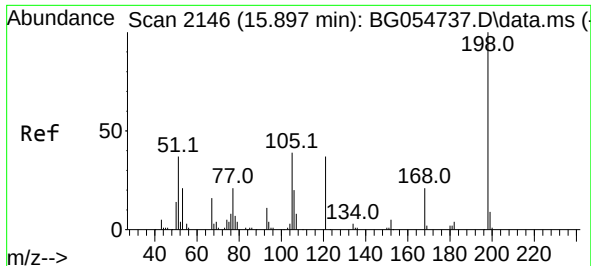
Tgt Ion: 77 Resp: 343786
Ion Ratio Lower Upper
77 100
182 30.1 5.1 45.1
105 21.9 0.7 40.7
51 28.2 9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:188 Resp: 260278
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.8 7.9 11.9





#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.173 ng
 RT: 15.897 min Scan# 2146
 Delta R.T. -0.000 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

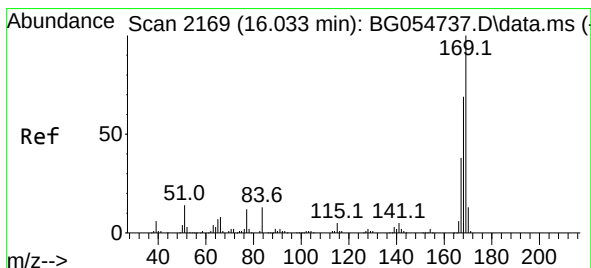
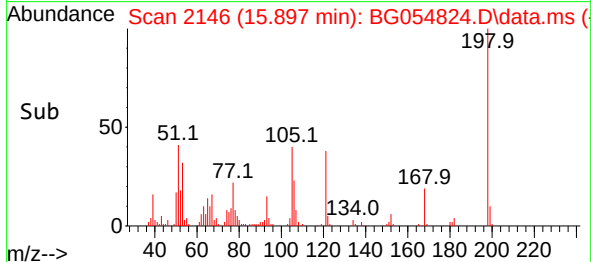
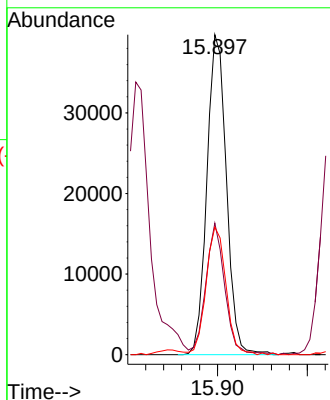
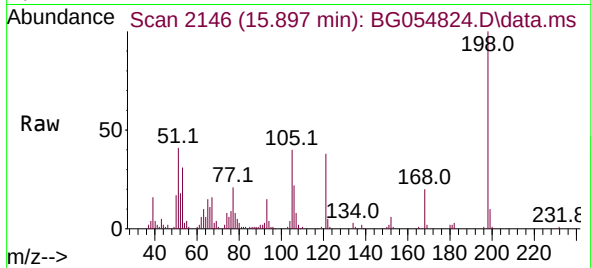
Instrument :

BNA_G

ClientSampleId :

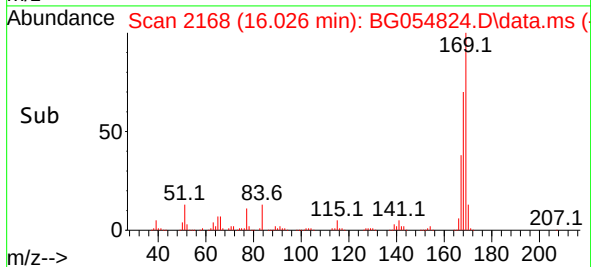
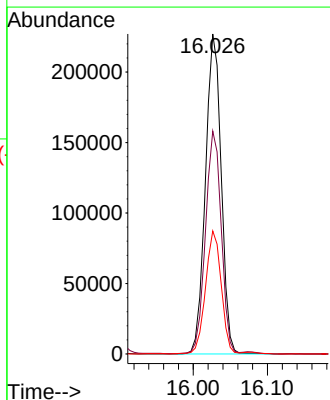
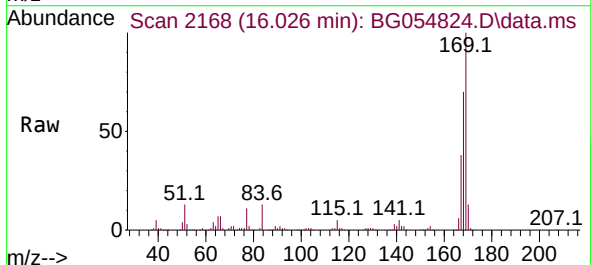
EP-4MS

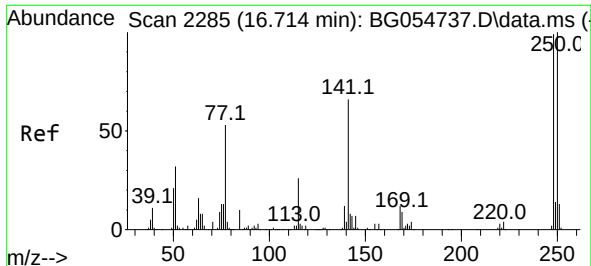
Tgt Ion:198 Resp: 59849
 Ion Ratio Lower Upper
 198 100
 51 41.1 19.9 59.9
 105 39.8 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 44.694 ng
 RT: 16.026 min Scan# 2168
 Delta R.T. -0.006 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Tgt Ion:169 Resp: 335471
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.6 83.4
 167 38.4 30.9 46.3

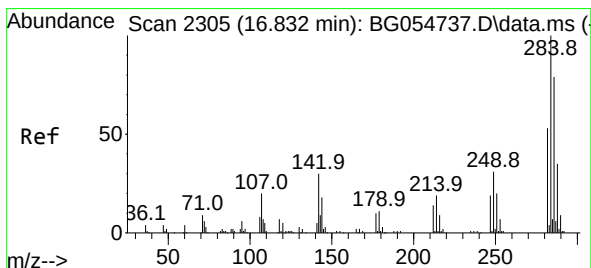
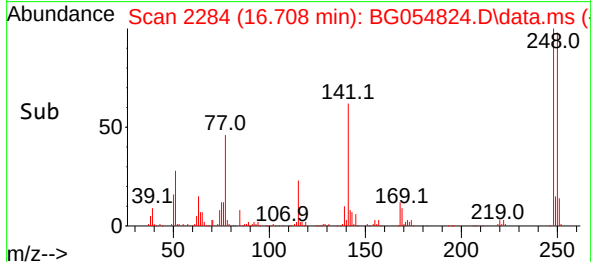
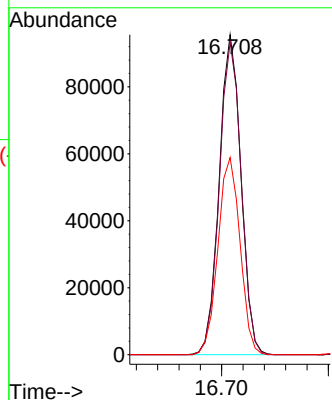
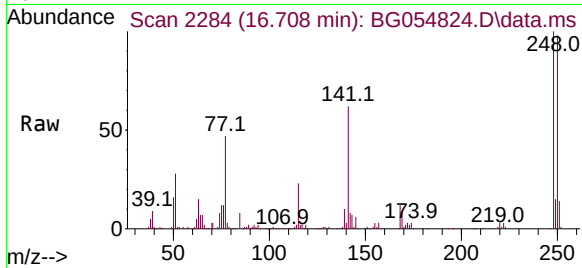




#67
4-Bromophenyl-phenylether
Concen: 47.305 ng
RT: 16.708 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

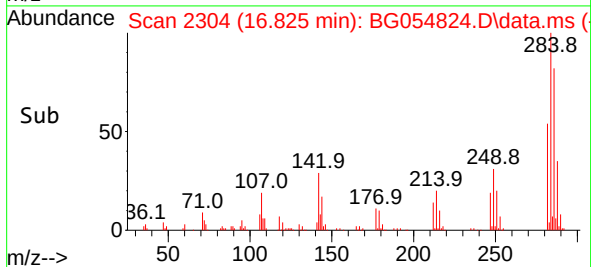
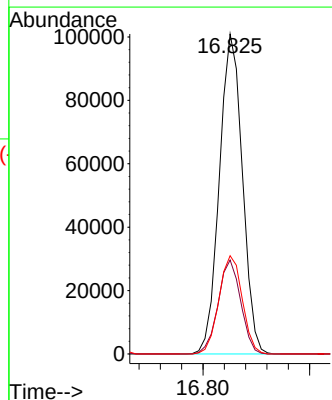
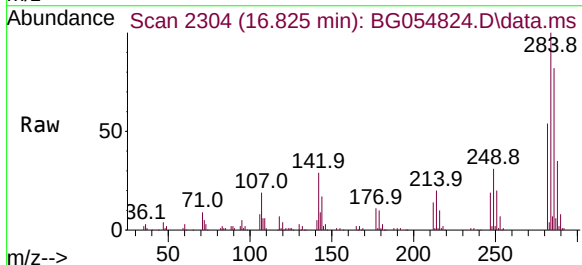
Instrument :
BNA_G
ClientSampleId :
EP-4MS

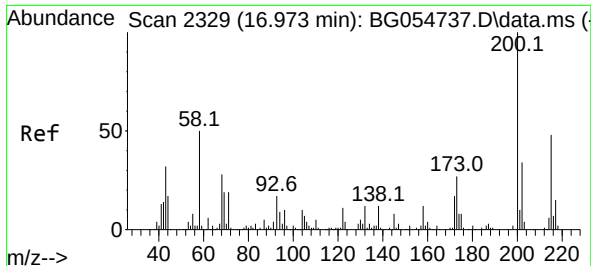
Tgt Ion:248 Resp: 135180
Ion Ratio Lower Upper
248 100
250 97.7 78.8 118.2
141 61.6 51.9 77.9



#68
Hexachlorobenzene
Concen: 47.059 ng
RT: 16.825 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:284 Resp: 151176
Ion Ratio Lower Upper
284 100
142 29.3 25.0 37.6
249 30.7 24.5 36.7

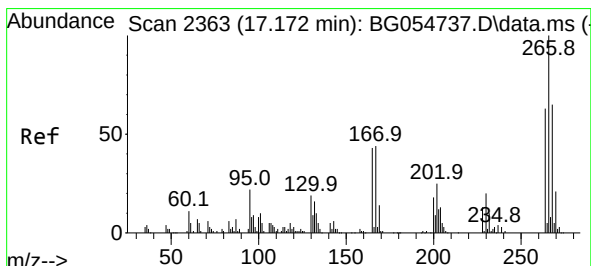
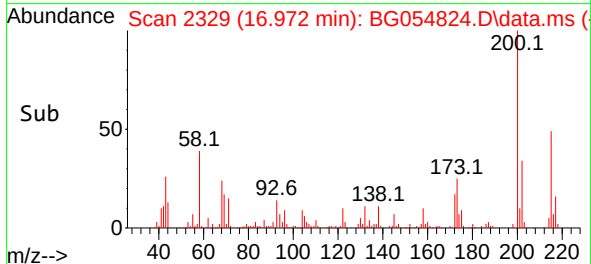
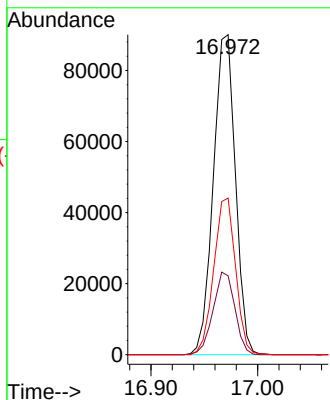
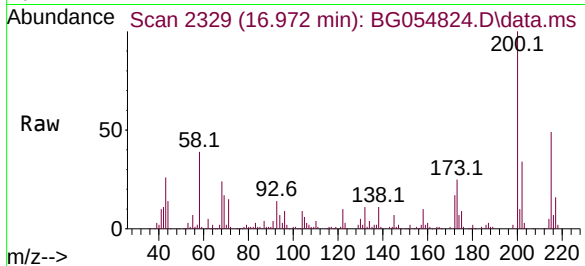




#69
 Atrazine
 Concen: 48.835 ng
 RT: 16.972 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

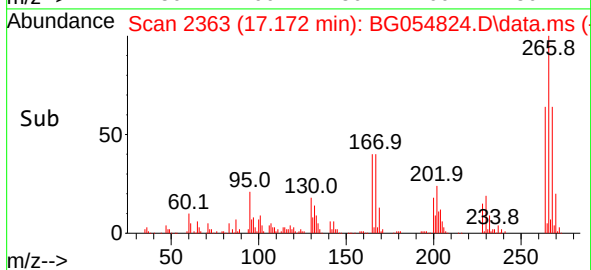
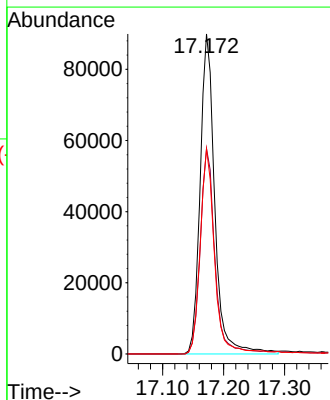
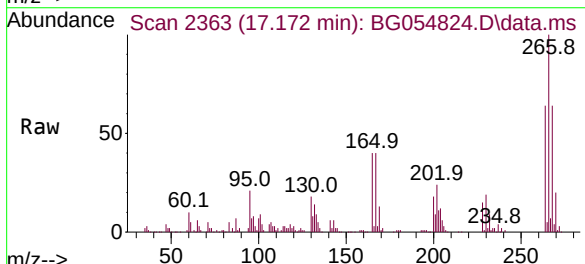
Instrument :
 BNA_G
 ClientSampleId :
 EP-4MS

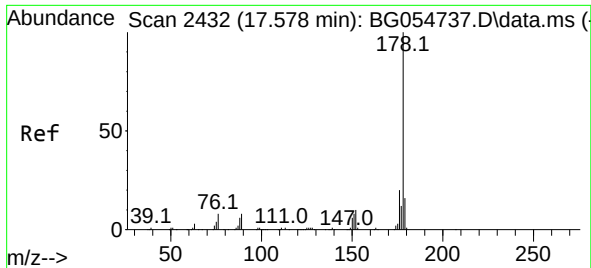
Tgt Ion:200 Resp: 129317
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.6 45.6
 215 49.0 28.2 68.2



#70
 Pentachlorophenol
 Concen: 86.175 ng
 RT: 17.172 min Scan# 2363
 Delta R.T. -0.000 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Tgt Ion:266 Resp: 150414
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 64.1 49.4 74.0

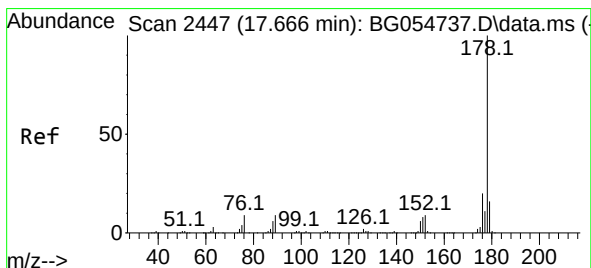
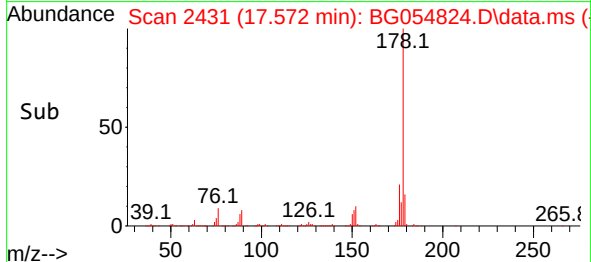
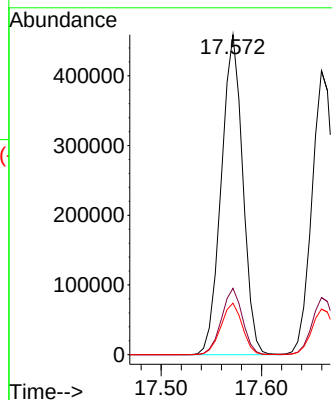
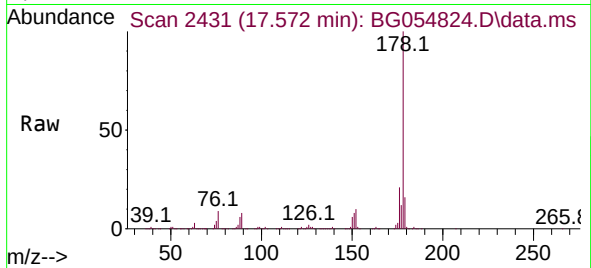




#71
Phenanthrene
Concen: 49.158 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

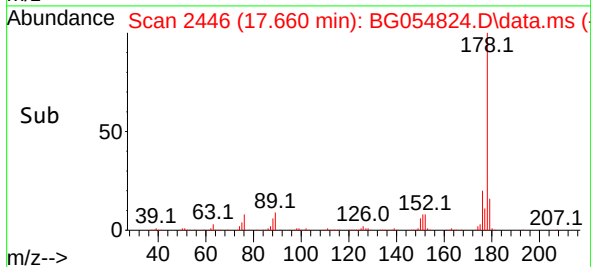
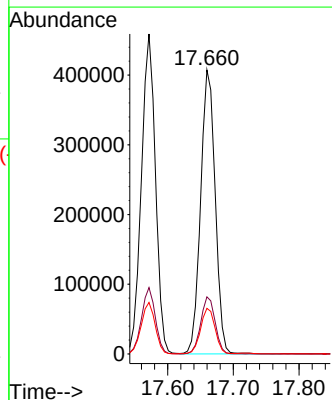
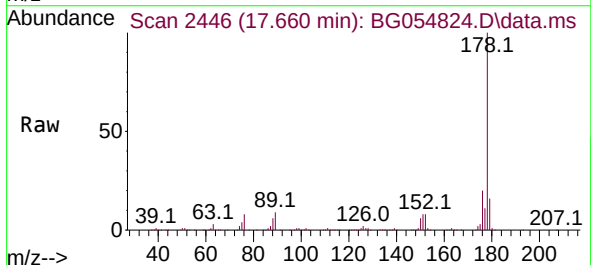
Instrument :
BNA_G
ClientSampleId :
EP-4MS

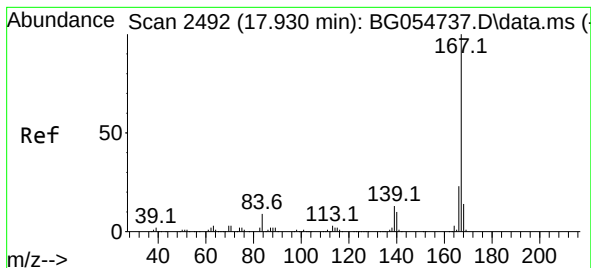
Tgt Ion:178 Resp: 681582
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.1 12.8 19.2



#72
Anthracene
Concen: 46.765 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:178 Resp: 630407
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 12.9 19.3





#73

Carbazole

Concen: 45.527 ng

RT: 17.930 min Scan# 2492

Delta R.T. -0.000 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

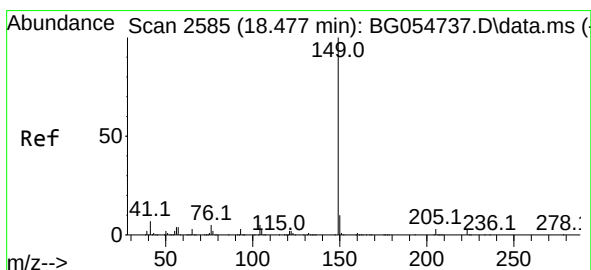
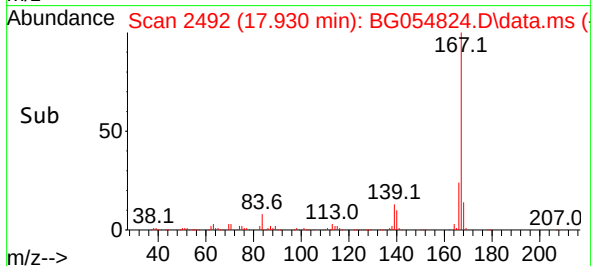
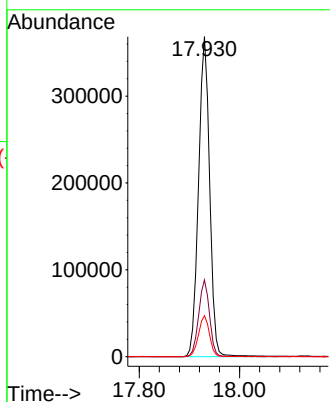
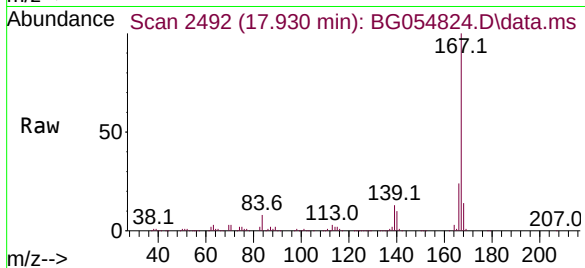
Tgt Ion:167 Resp: 565443

Ion Ratio Lower Upper

167 100

166 24.0 18.8 28.2

139 12.8 10.2 15.4



#74

Di-n-butylphthalate

Concen: 42.590 ng

RT: 18.470 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

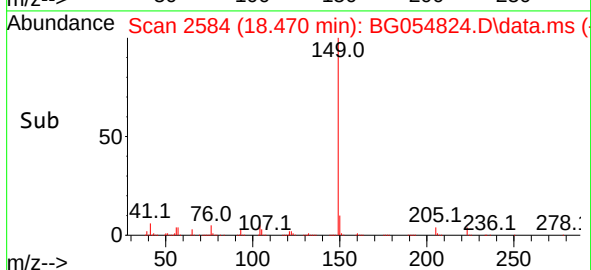
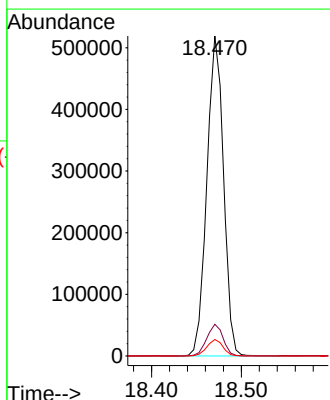
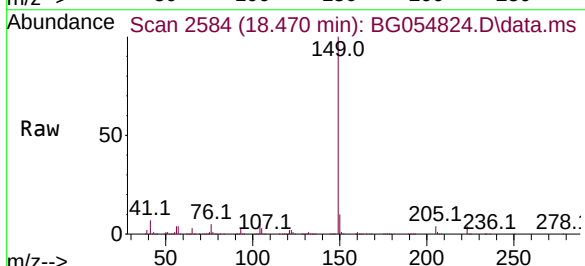
Tgt Ion:149 Resp: 669353

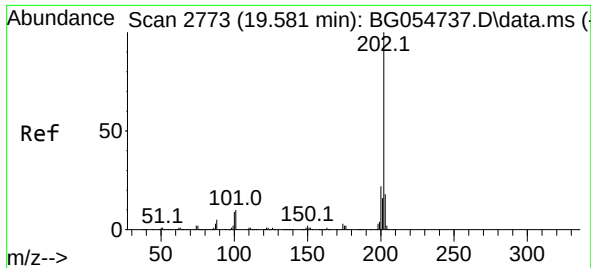
Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

104 5.1 4.4 6.6

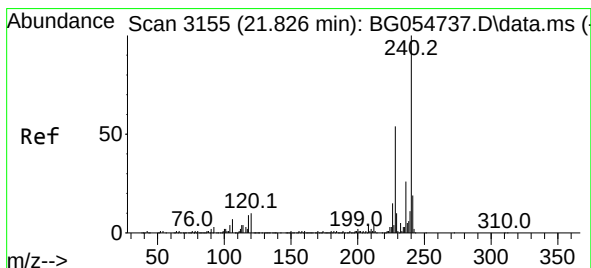
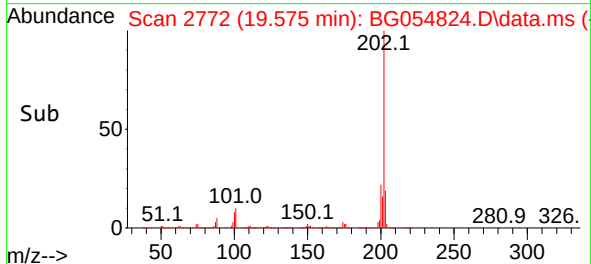
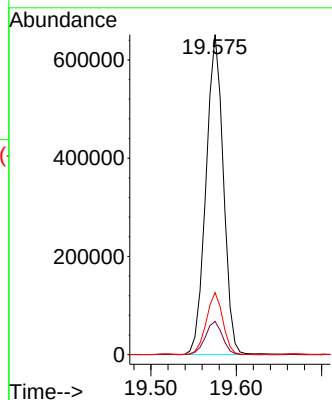
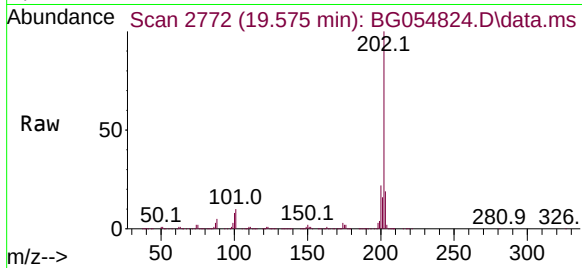




#75
Fluoranthene
Concen: 54.521 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

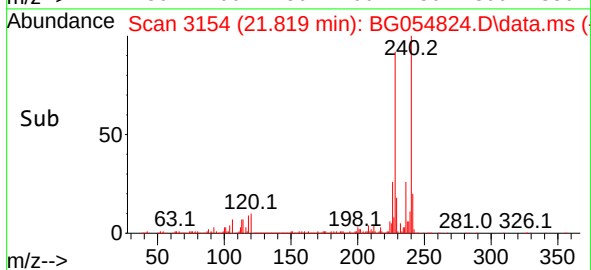
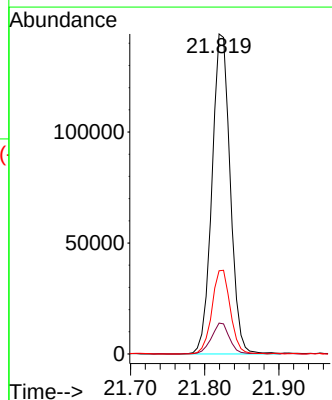
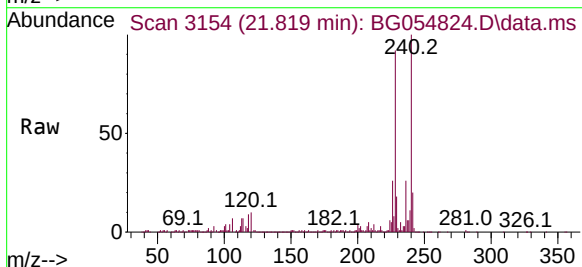
Instrument :
BNA_G
ClientSampleId :
EP-4MS

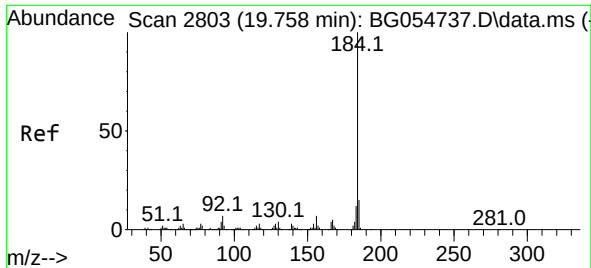
Tgt Ion:202 Resp: 919600
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 19.4 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:240 Resp: 246048
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 26.0 21.2 31.8

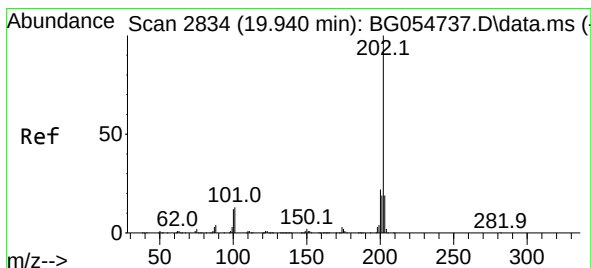
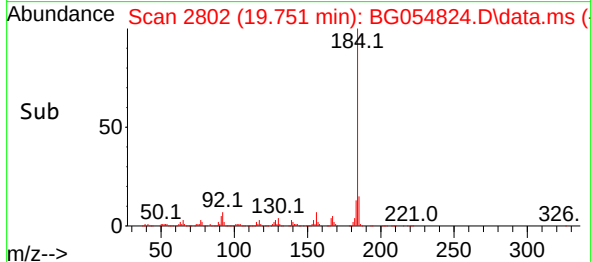
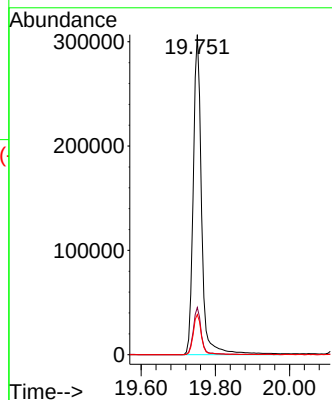
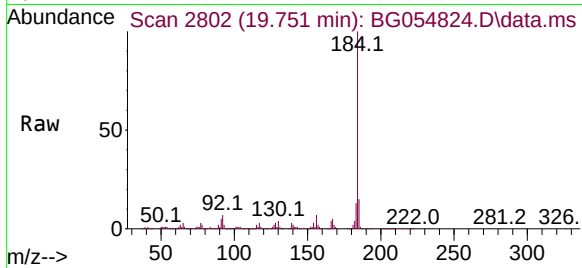




#77
Benzidine
Concen: 79.205 ng
RT: 19.751 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

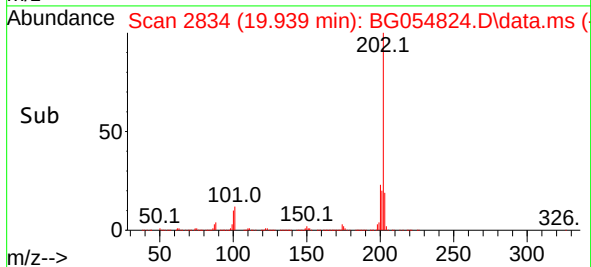
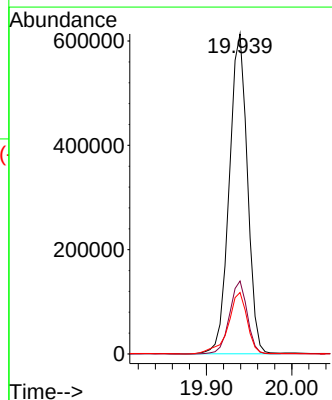
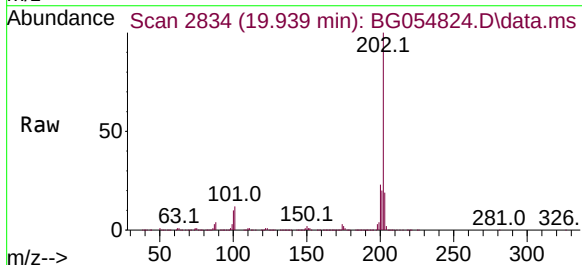
Instrument :
BNA_G
ClientSampleId :
EP-4MS

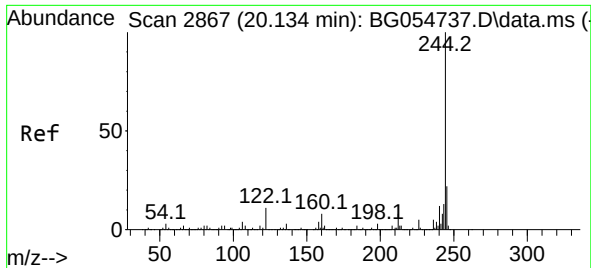
Tgt Ion:184 Resp: 482698
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 12.5 9.8 14.8



#78
Pyrene
Concen: 52.802 ng
RT: 19.939 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:202 Resp: 905917
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 19.2 14.6 21.8

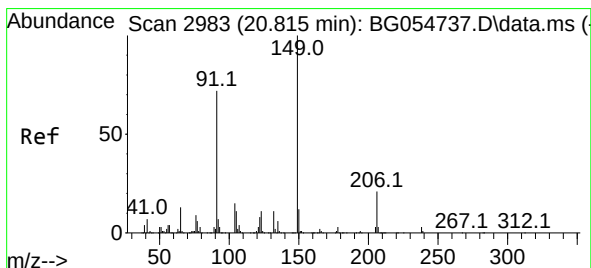
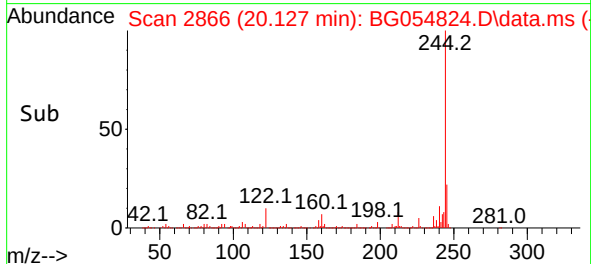
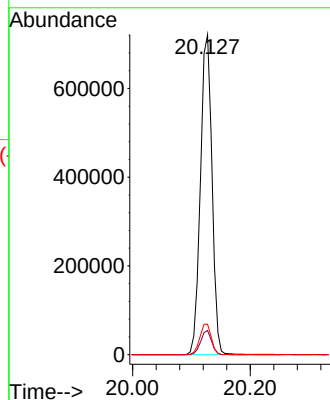
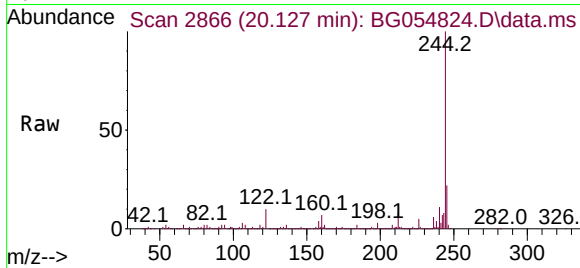




#79
 Terphenyl-d14
 Concen: 79.356 ng
 RT: 20.127 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

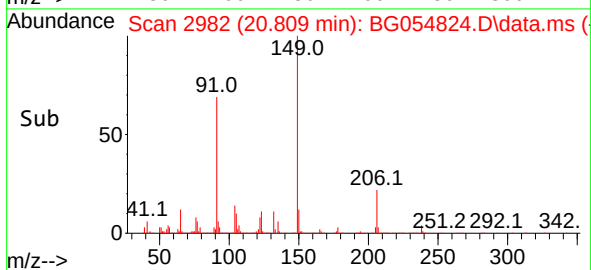
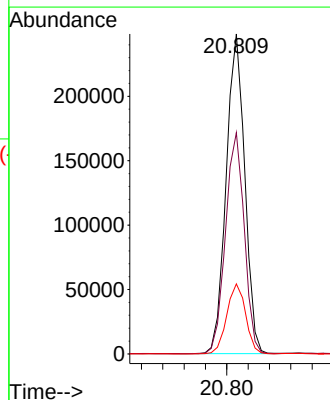
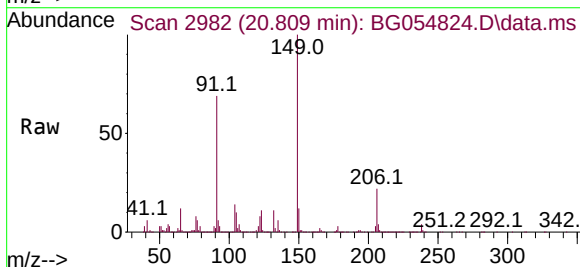
Instrument :
 BNA_G
 ClientSampleId :
 EP-4MS

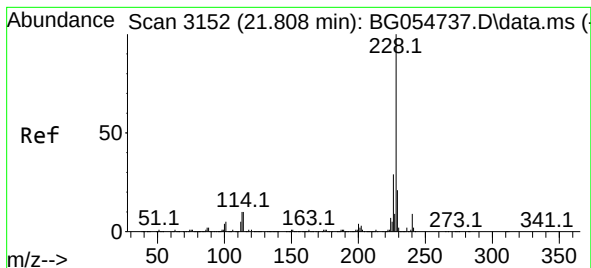
Tgt Ion:244 Resp: 985434
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 41.968 ng
 RT: 20.809 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Tgt Ion:149 Resp: 300338
 Ion Ratio Lower Upper
 149 100
 91 69.1 59.5 89.3
 206 21.9 16.6 25.0





#81

Benzo(a)anthracene

Concen: 49.411 ng

RT: 21.802 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

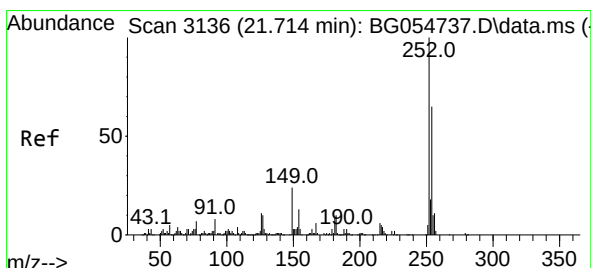
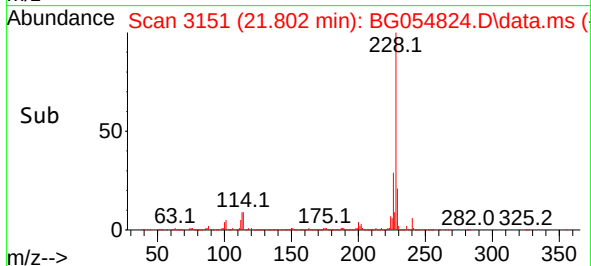
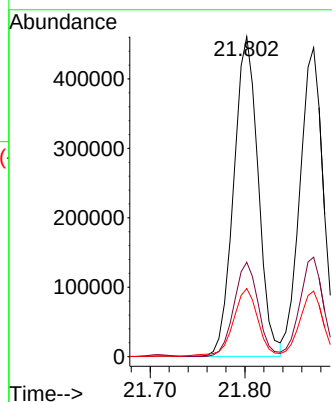
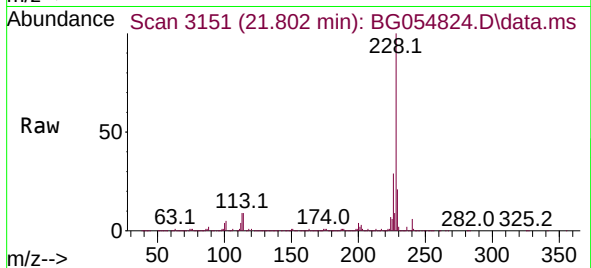
Tgt Ion:228 Resp: 824305

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 21.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 43.281 ng

RT: 21.708 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

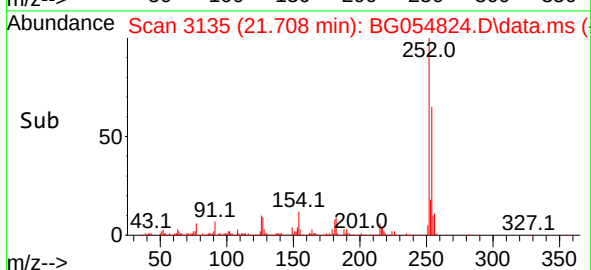
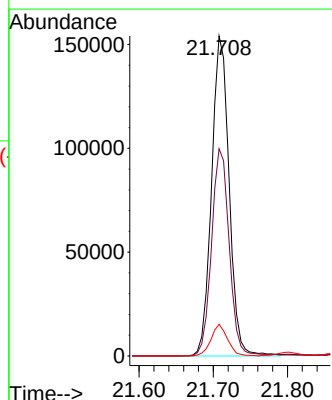
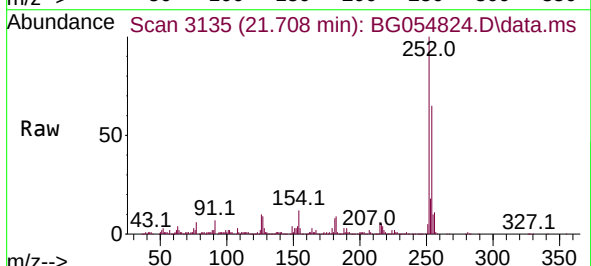
Tgt Ion:252 Resp: 253154

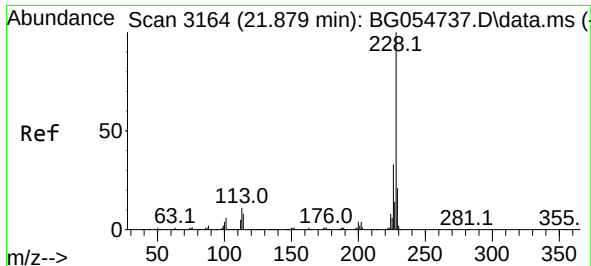
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

126 9.9 8.2 12.2





#83

Chrysene

Concen: 47.836 ng

RT: 21.872 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

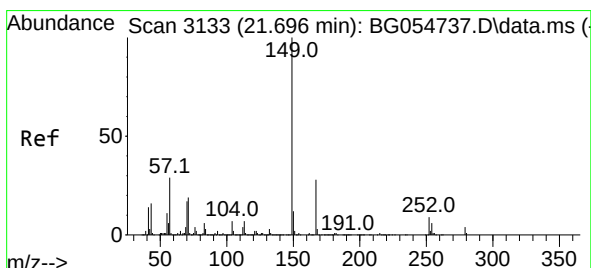
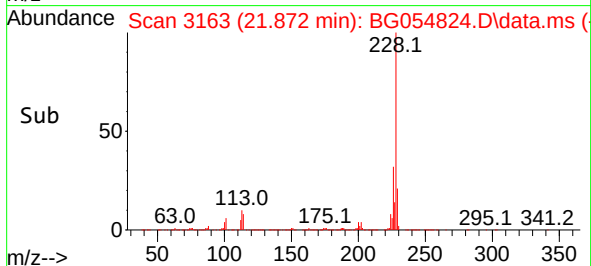
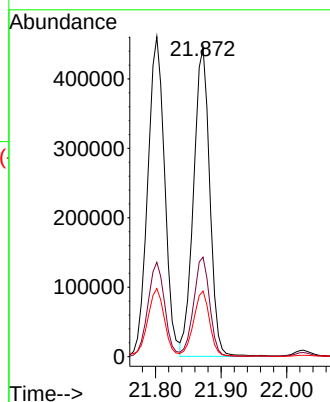
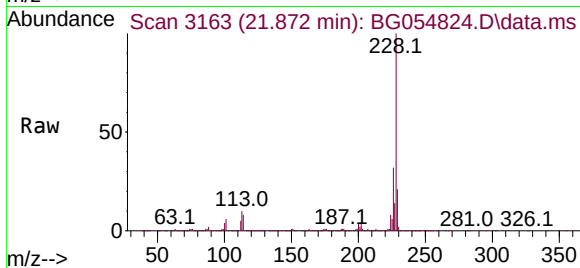
Tgt Ion:228 Resp: 763042

Ion Ratio Lower Upper

228 100

226 32.2 25.5 38.3

229 21.2 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.771 ng

RT: 21.684 min Scan# 3131

Delta R.T. -0.012 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

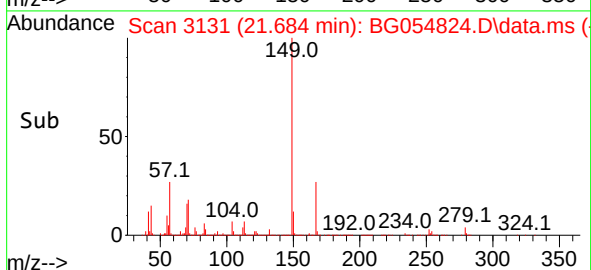
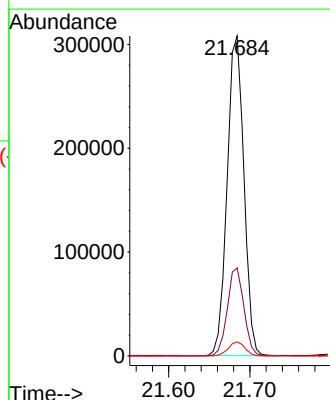
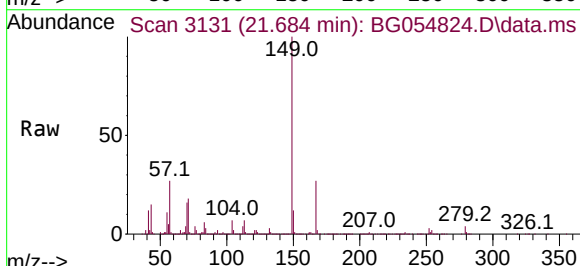
Tgt Ion:149 Resp: 440986

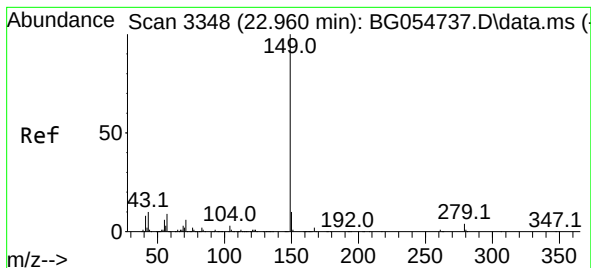
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.268 ng

RT: 22.942 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

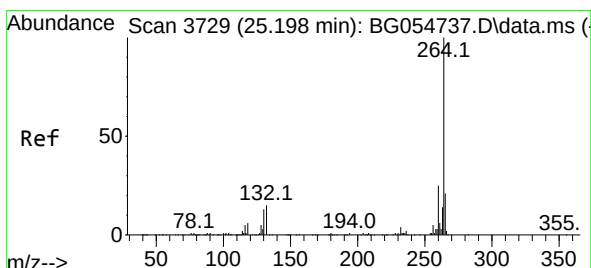
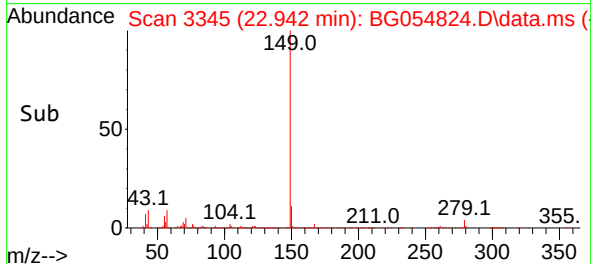
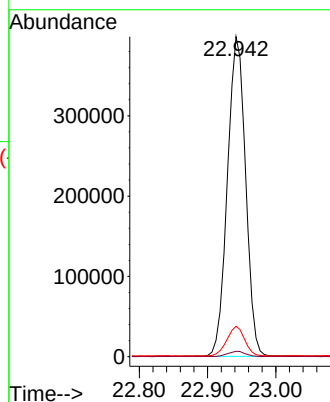
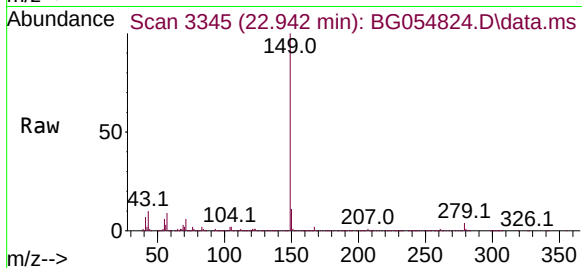
Tgt Ion:149 Resp: 739065

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.0 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.012 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

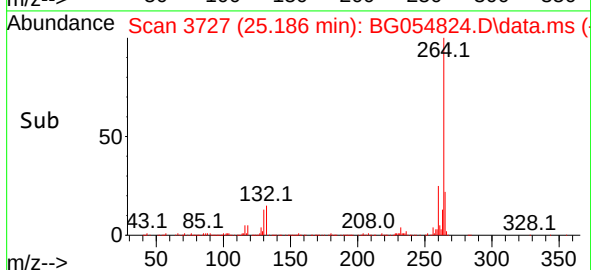
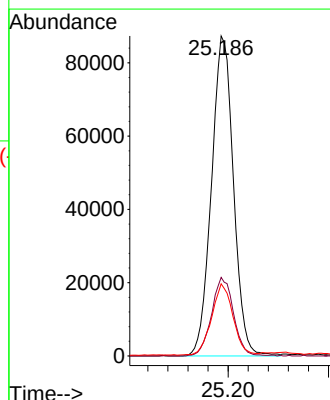
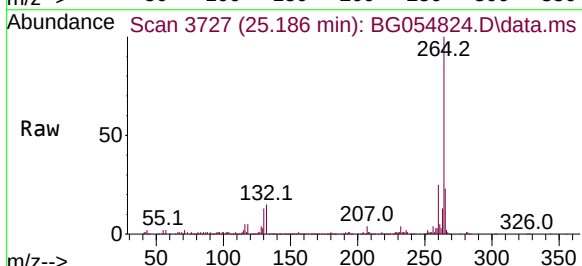
Tgt Ion:264 Resp: 265951

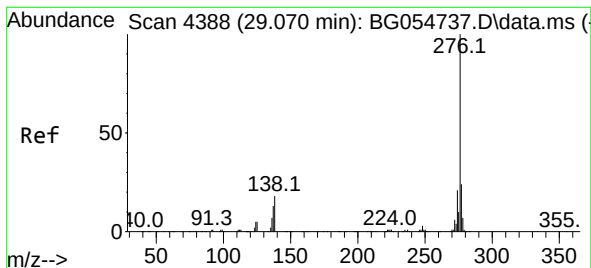
Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 22.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.350 ng

RT: 29.070 min Scan# 4388

Delta R.T. -0.000 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

Instrument :

BNA_G

ClientSampleId :

EP-4MS

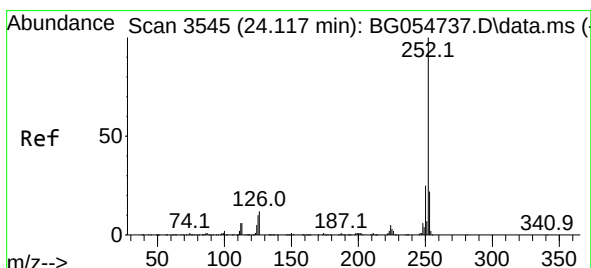
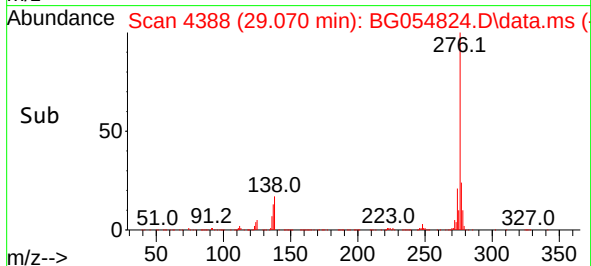
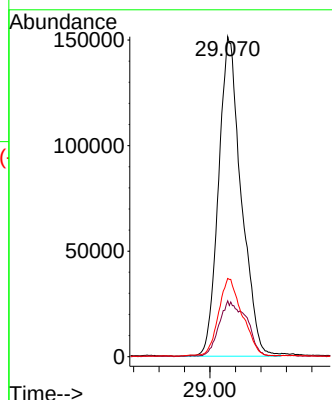
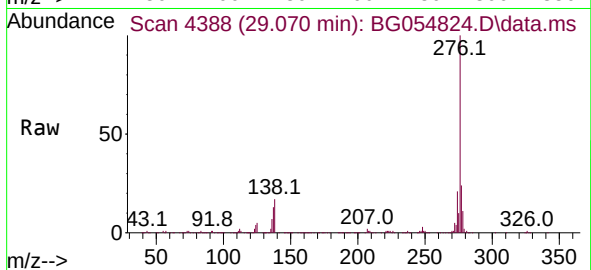
Tgt Ion:276 Resp: 935819

Ion Ratio Lower Upper

276 100

138 20.7 12.0 18.0#

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.505 ng

RT: 24.117 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BG054824.D

Acq: 1 Sep 2022 16:12

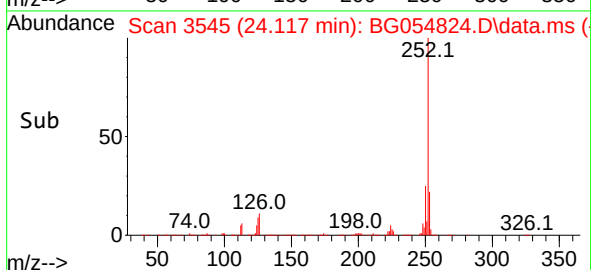
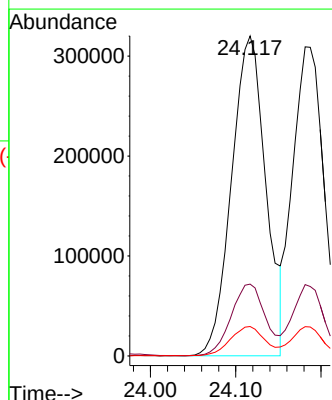
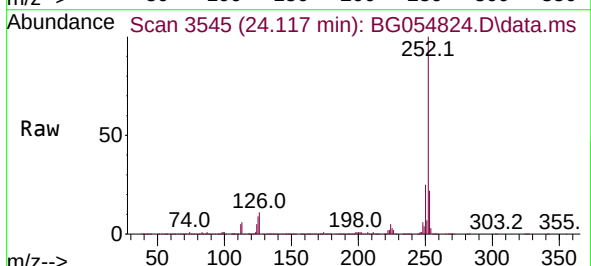
Tgt Ion:252 Resp: 892647

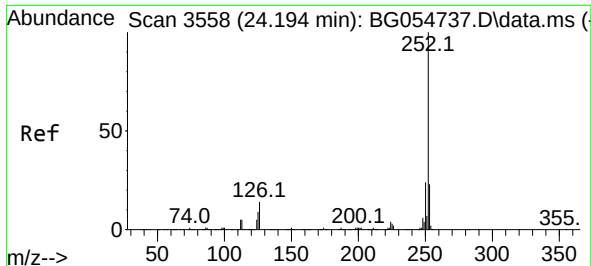
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 9.2 8.1 12.1

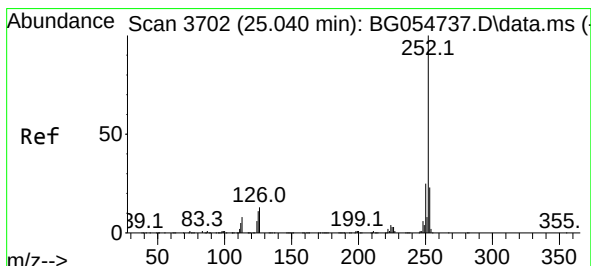
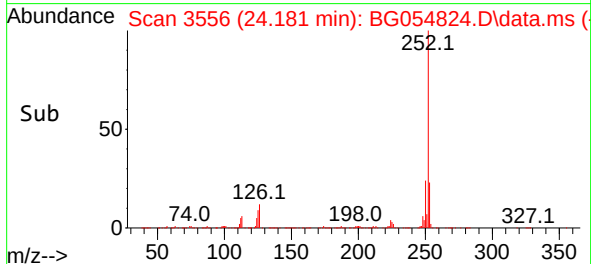
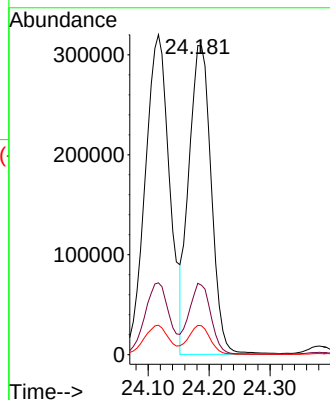
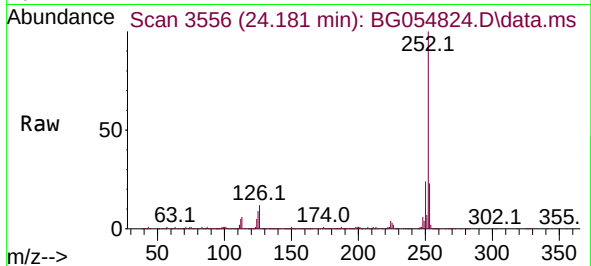




#89
Benzo(k)fluoranthene
Concen: 46.901 ng
RT: 24.181 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

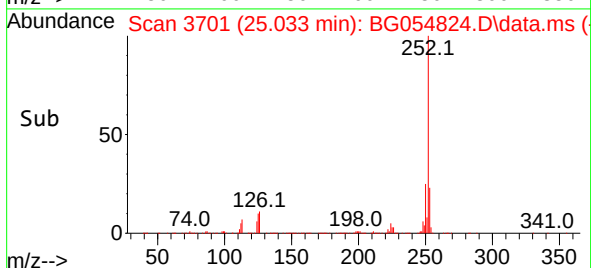
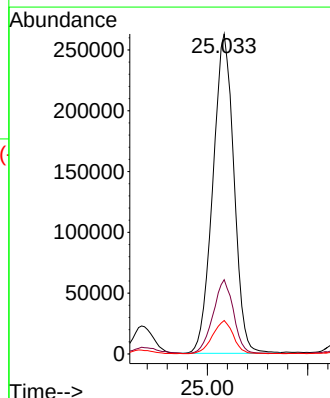
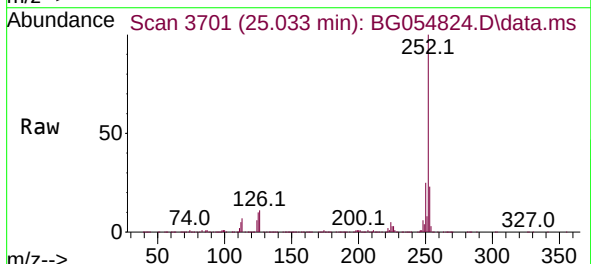
Instrument :
BNA_G
ClientSampleId :
EP-4MS

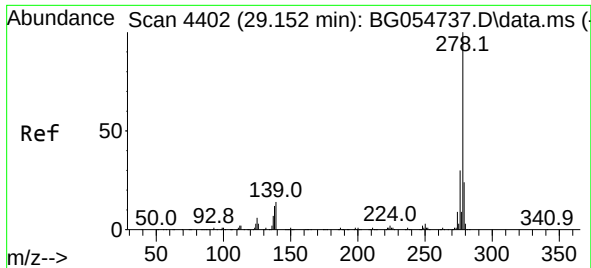
Tgt Ion:252 Resp: 787473
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 53.695 ng
RT: 25.033 min Scan# 3701
Delta R.T. -0.006 min
Lab File: BG054824.D
Acq: 1 Sep 2022 16:12

Tgt Ion:252 Resp: 765351
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 10.4 8.8 13.2

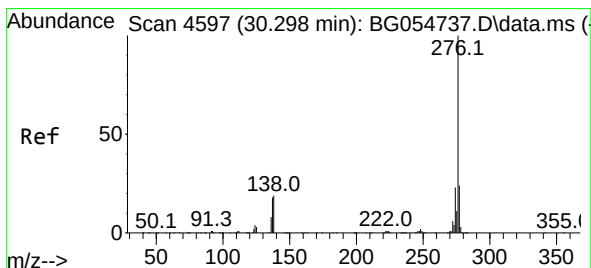
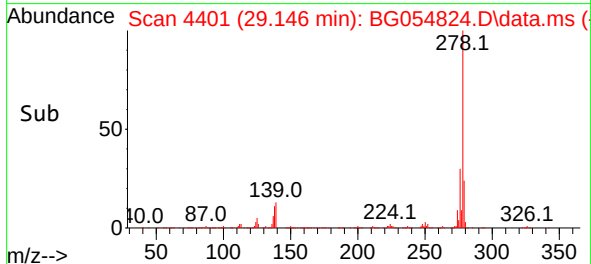
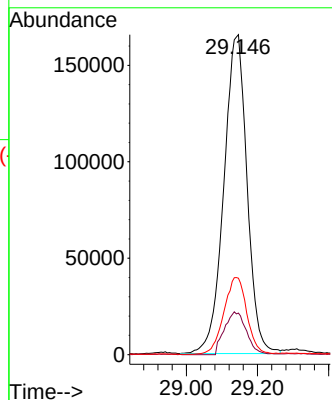
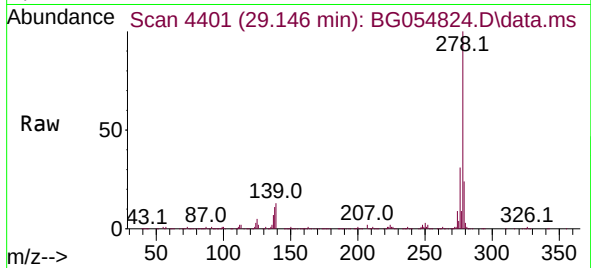




#91
 Dibenzo(a,h)anthracene
 Concen: 45.545 ng
 RT: 29.146 min Scan# 4402
 Delta R.T. -0.006 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Instrument :
 BNA_G
 ClientSampleId :
 EP-4MS

Tgt Ion:278 Resp: 749156
 Ion Ratio Lower Upper
 278 100
 139 13.0 11.4 17.2
 279 23.9 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 49.196 ng
 RT: 30.298 min Scan# 4597
 Delta R.T. -0.000 min
 Lab File: BG054824.D
 Acq: 1 Sep 2022 16:12

Tgt Ion:276 Resp: 817494
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.4 29.0
 138 17.9 16.6 25.0

