

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054825.D
 Acq On : 1 Sep 2022 16:55
 Operator : CG/JU
 Sample : N4433-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-4MSD

Quant Time: Sep 01 17:56:43 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	8.148	152	44369	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	182908	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	120915	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	274043	20.000	ng	0.00
76) Chrysene-d12	21.820	240	254193	20.000	ng	0.00
86) Perylene-d12	25.192	264	275693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	325087	127.588	ng	0.00
7) Phenol-d6	7.302	99	437610	125.586	ng	0.00
23) Nitrobenzene-d5	9.323	82	258234	74.116	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	199215	131.851	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	617775	76.792	ng	0.00
79) Terphenyl-d14	20.128	244	1018275	79.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.530	88	40936	33.646	ng	96
3) Pyridine	3.941	79	113949	33.578	ng	97
4) n-Nitrosodimethylamine	3.853	42	58321	39.756	ng	97
6) Aniline	7.466	93	184452	44.553	ng	97
8) 2-Chlorophenol	7.707	128	139168	49.992	ng	100
9) Benzaldehyde	7.278	77	75768	33.176	ng	95
10) Phenol	7.325	94	171855	47.957	ng	98
11) bis(2-Chloroethyl)ether	7.560	93	129942	45.087	ng	96
12) 1,3-Dichlorobenzene	8.036	146	146785	45.564	ng	99
13) 1,4-Dichlorobenzene	8.183	146	147392	45.359	ng	98
14) 1,2-Dichlorobenzene	8.506	146	144727	46.971	ng	98
15) Benzyl Alcohol	8.383	79	119494	47.468	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.671	45	183672	40.729	ng	98
17) 2-Methylphenol	8.588	107	118702	48.111	ng	98
18) Hexachloroethane	9.241	117	51968	44.104	ng	97
19) n-Nitroso-di-n-propyla...	8.953	70	102441	42.751	ng	95
20) 3+4-Methylphenols	8.917	107	160183	46.820	ng	97
22) Acetophenone	8.976	105	200867	43.896	ng	# 98
24) Nitrobenzene	9.364	77	147746	42.071	ng	99
25) Isophorone	9.887	82	284721	43.826	ng	99
26) 2-Nitrophenol	10.075	139	76749	49.475	ng	98
27) 2,4-Dimethylphenol	10.128	122	130573	53.125	ng	100
28) bis(2-Chloroethoxy)met...	10.363	93	172157	46.505	ng	99
29) 2,4-Dichlorophenol	10.615	162	132748	47.484	ng	99
30) 1,2,4-Trichlorobenzene	10.833	180	141554	44.308	ng	98
31) Naphthalene	11.027	128	425074	43.316	ng	100
32) Benzoic acid	10.286	122	49529	31.440	ng	96
33) 4-Chloroaniline	11.127	127	162100	40.517	ng	98
34) Hexachlorobutadiene	11.297	225	91599	44.750	ng	98
35) Caprolactam	11.902	113	27433	27.814	ng	91
36) 4-Chloro-3-methylphenol	12.237	107	141668	46.341	ng	97
37) 2-Methylnaphthalene	12.619	142	302712	44.011	ng	100
38) 1-Methylnaphthalene	12.836	142	287818	43.010	ng	97
40) 1,2,4,5-Tetrachloroben...	12.983	216	172270	47.263	ng	98
41) Hexachlorocyclopentadiene	12.960	237	152621	78.955	ng	99
43) 2,4,6-Trichlorophenol	13.218	196	112164	46.362	ng	99

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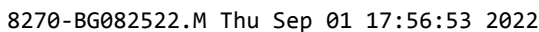
Instrument :
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 ClientSampleId :
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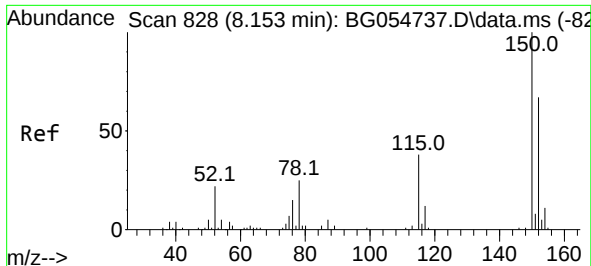
Quant Time: Sep 01 17:56:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	121555	44.739	ng	99
46) 1,1'-Biphenyl	13.618	154	406828	45.308	ng	99
47) 2-Chloronaphthalene	13.665	162	300988	44.138	ng	99
48) 2-Nitroaniline	13.865	65	94620	44.274	ng	98
49) Acenaphthylene	14.511	152	496207	44.095	ng	100
50) Dimethylphthalate	14.229	163	388609	41.717	ng	100
51) 2,6-Dinitrotoluene	14.352	165	86486	45.391	ng	92
52) Acenaphthene	14.846	154	303546	41.993	ng	99
53) 3-Nitroaniline	14.687	138	84904	39.806	ng	94
54) 2,4-Dinitrophenol	14.893	184	86097	80.062	ng	97
55) Dibenzofuran	15.181	168	470615	44.307	ng	99
56) 4-Nitrophenol	14.993	139	149548	90.601	ng	92
57) 2,4-Dinitrotoluene	15.140	165	123650	46.918	ng	86
58) Fluorene	15.827	166	395407	44.189	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	106983	43.681	ng	99
60) Diethylphthalate	15.580	149	393455	42.298	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	200621	45.449	ng	98
62) 4-Nitroaniline	15.851	138	94094	43.208	ng	94
63) Azobenzene	16.109	77	357104	40.395	ng	94
65) 4,6-Dinitro-2-methylph...	15.898	198	62210	44.597	ng	99
66) n-Nitrosodiphenylamine	16.027	169	350770	44.385	ng	98
67) 4-Bromophenyl-phenylether	16.708	248	140232	46.608	ng	99
68) Hexachlorobenzene	16.826	284	159209	47.070	ng	98
69) Atrazine	16.973	200	135912	48.748	ng	98
70) Pentachlorophenol	17.172	266	159990	87.057	ng	99
71) Phenanthrene	17.572	178	707656	48.475	ng	100
72) Anthracene	17.660	178	656145	46.230	ng	99
73) Carbazole	17.930	167	590423	45.151	ng	99
74) Di-n-butylphthalate	18.471	149	699538	42.275	ng	99
75) Fluoranthene	19.576	202	951446	53.575	ng	98
77) Benzidine	19.752	184	481309	76.446	ng	98
78) Pyrene	19.940	202	937550	52.895	ng	98
80) Butylbenzylphthalate	20.809	149	310805	42.039	ng	95
81) Benzo(a)anthracene	21.802	228	848924	49.256	ng	99
82) 3,3'-Dichlorobenzidine	21.708	252	267446	44.259	ng	99
83) Chrysene	21.873	228	786377	47.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.685	149	452856	42.514	ng	98
85) Di-n-octyl phthalate	22.942	149	758451	41.987	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.070	276	964010	46.059	ng	# 95
88) Benzo(b)fluoranthene	24.117	252	908597	52.537	ng	98
89) Benzo(k)fluoranthene	24.188	252	818332	47.017	ng	98
90) Benzo(a)pyrene	25.034	252	791089	53.540	ng	99
91) Dibenzo(a,h)anthracene	29.141	278	776773	45.555	ng	99
92) Benzo(g,h,i)perylene	30.298	276	845413	49.078	ng	97

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

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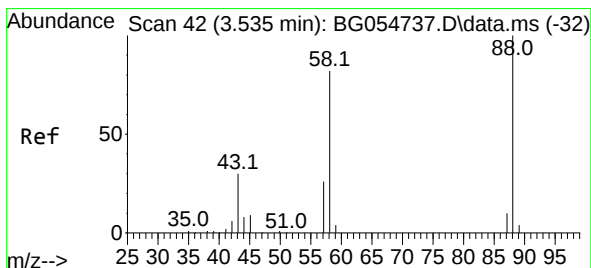
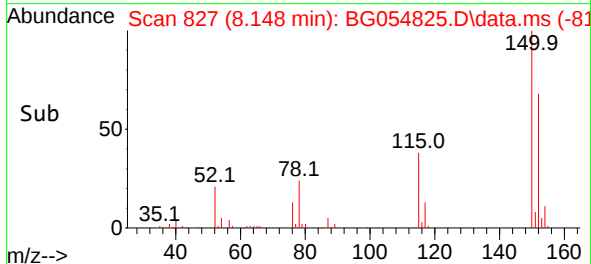
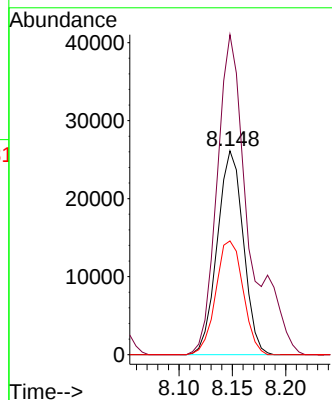
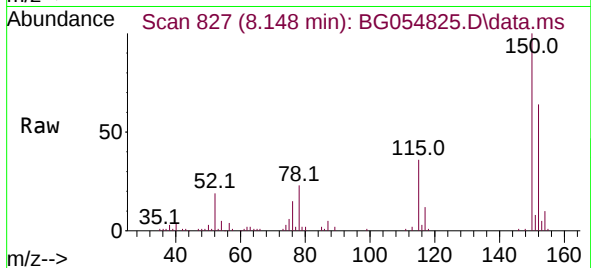




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

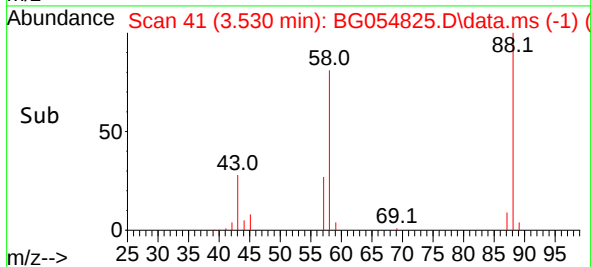
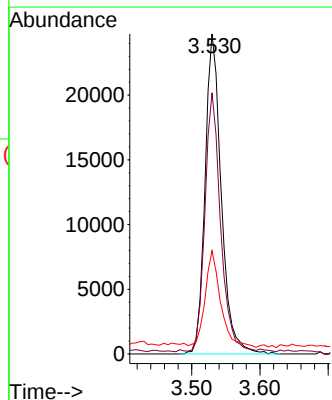
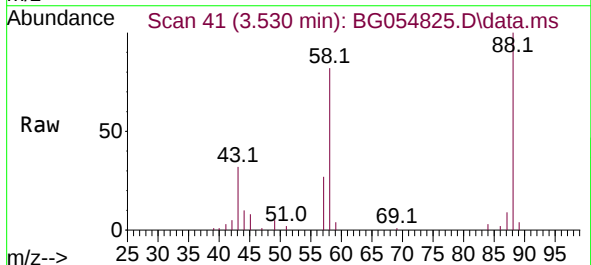
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion:152 Resp: 44369
Ion Ratio Lower Upper
152 100
150 157.0 125.2 187.8
115 55.8 47.9 71.9



#2
1,4-Dioxane
Concen: 33.646 ng
RT: 3.530 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 88 Resp: 40936
Ion Ratio Lower Upper
88 100
58 77.4 65.9 98.9
43 29.0 22.7 34.1

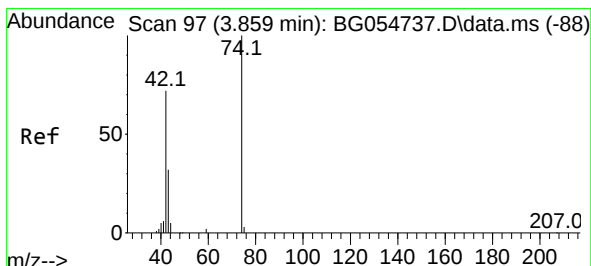
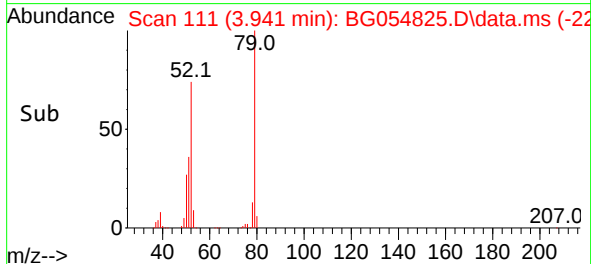
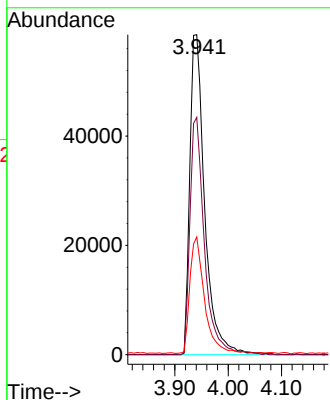
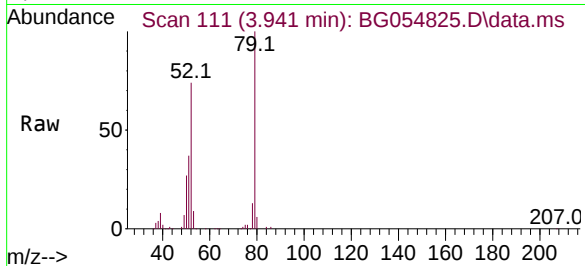




#3
Pyridine
Concen: 33.578 ng
RT: 3.941 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

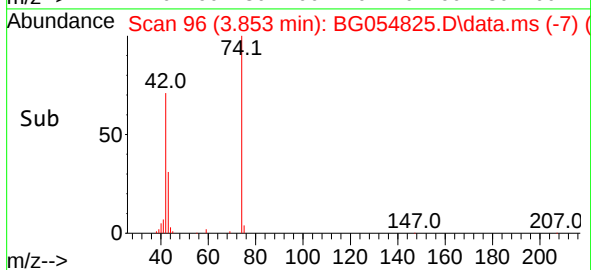
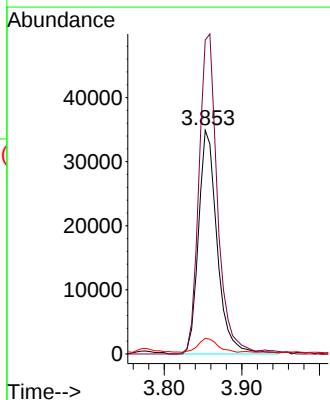
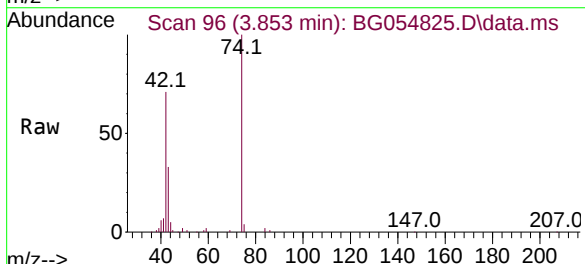
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion: 79 Resp: 113949
Ion Ratio Lower Upper
79 100
52 74.1 61.4 92.0
51 36.8 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 39.756 ng
RT: 3.853 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 42 Resp: 58321
Ion Ratio Lower Upper
42 100
74 140.3 109.6 164.4
44 7.0 5.5 8.3

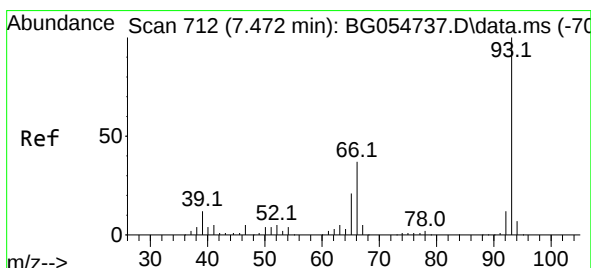
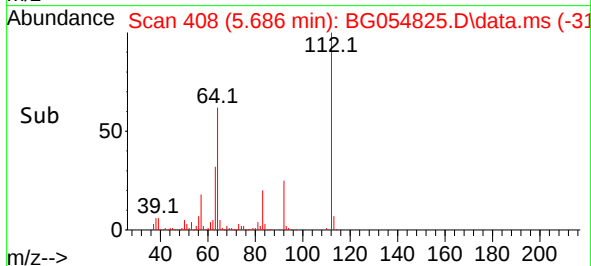
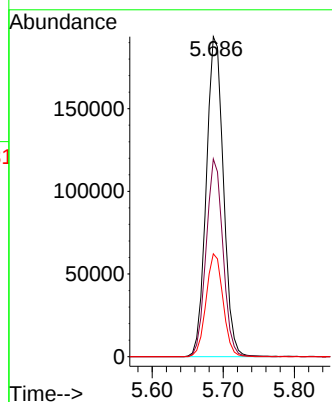
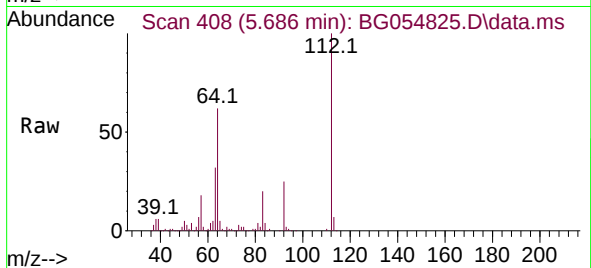




#5
2-Fluorophenol
Concen: 127.588 ng
RT: 5.686 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

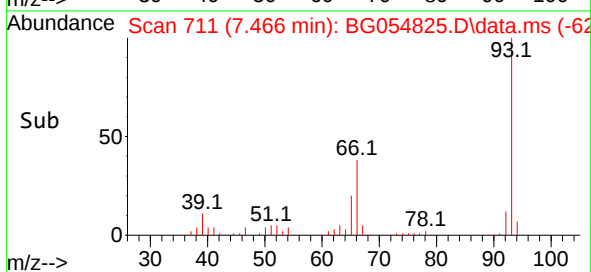
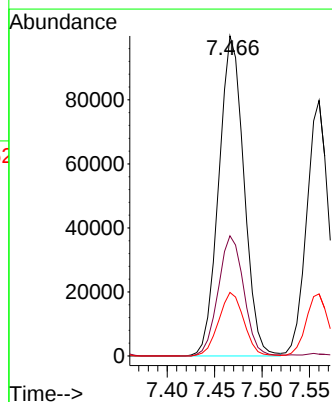
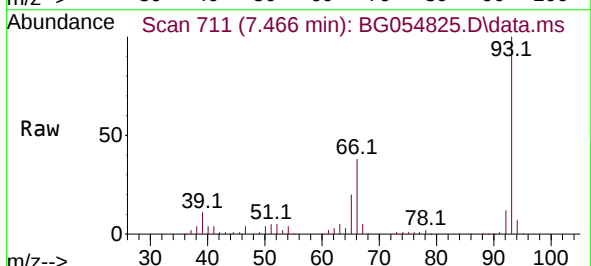
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion:112 Resp: 325087
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 32.2 26.3 39.5



#6
Aniline
Concen: 44.553 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 93 Resp: 184452
Ion Ratio Lower Upper
93 100
66 37.5 31.8 47.8
65 19.8 16.6 25.0

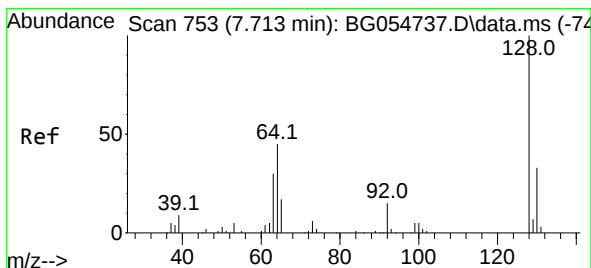
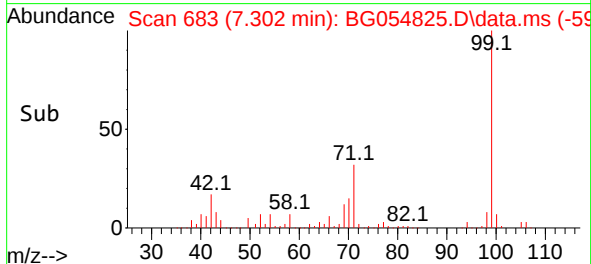
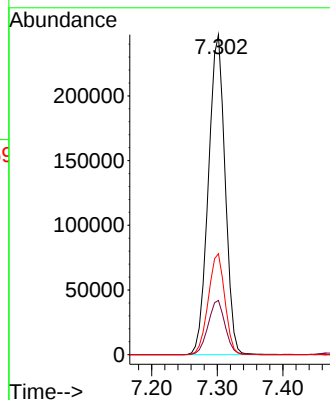
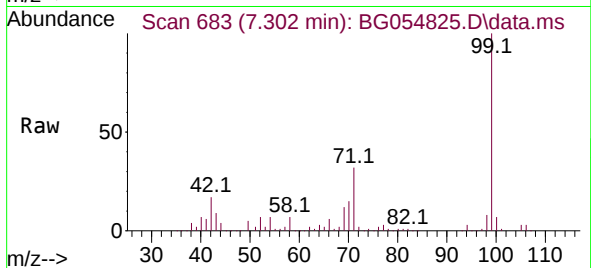




#7
Phenol-d6
Concen: 125.586 ng
RT: 7.302 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

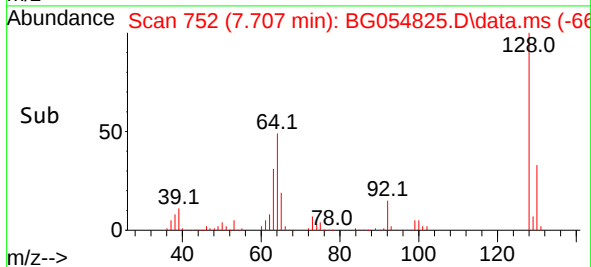
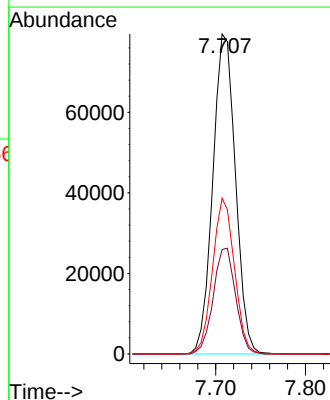
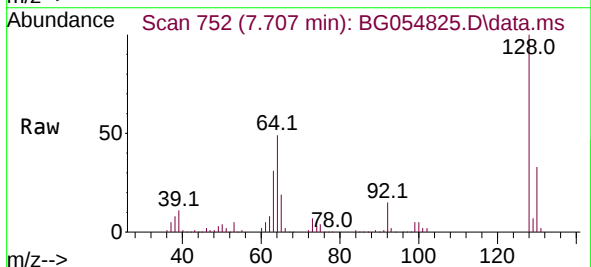
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion: 99 Resp: 437610
Ion Ratio Lower Upper
99 100
42 17.0 14.6 22.0
71 31.5 24.6 37.0



#8
2-Chlorophenol
Concen: 49.992 ng
RT: 7.707 min Scan# 752
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:128 Resp: 139168
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 48.7 28.6 68.6

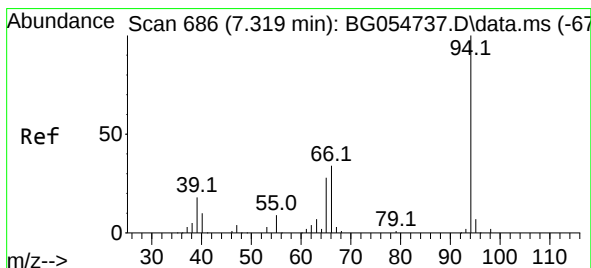
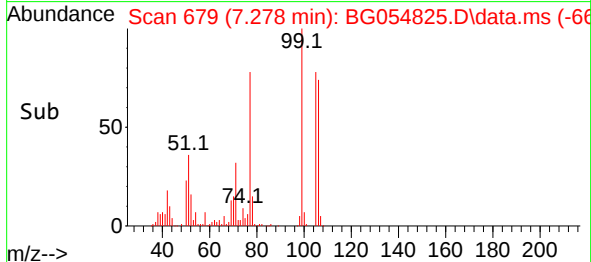
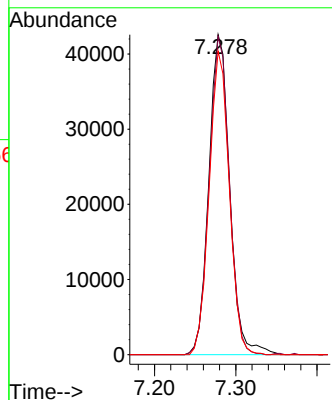
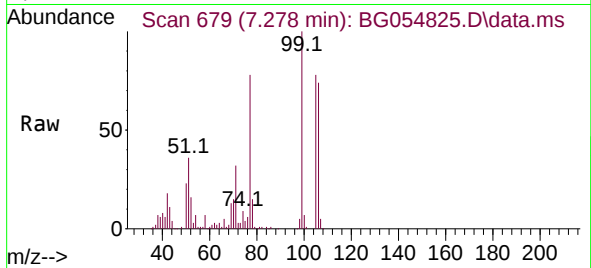




#9
Benzaldehyde
Concen: 33.176 ng
RT: 7.278 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

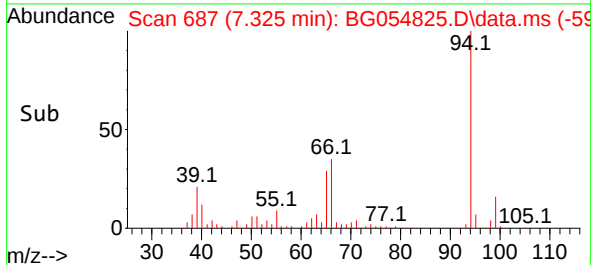
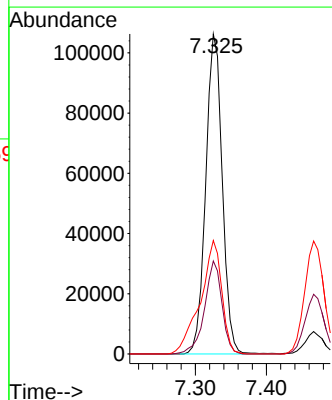
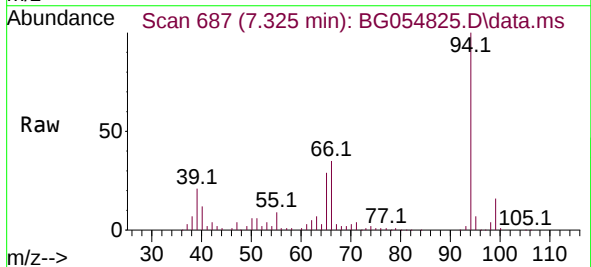
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

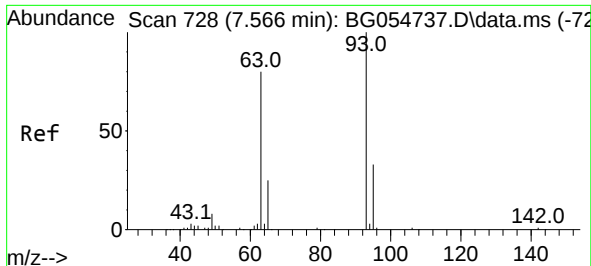
Tgt Ion: 77 Resp: 75768
Ion Ratio Lower Upper
77 100
105 99.4 75.3 115.3
106 94.9 70.2 110.2



#10
Phenol
Concen: 47.957 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 94 Resp: 171855
Ion Ratio Lower Upper
94 100
65 29.0 9.9 49.9
66 35.5 16.4 56.4

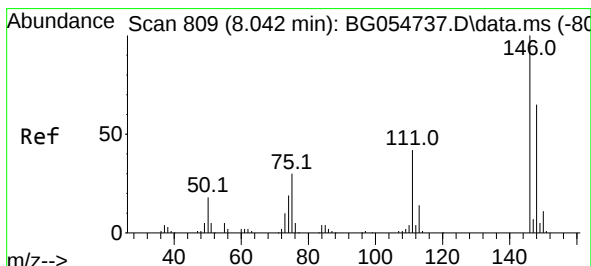
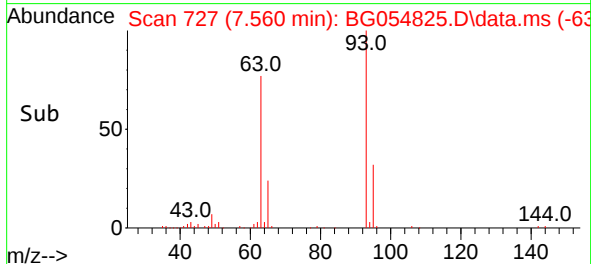
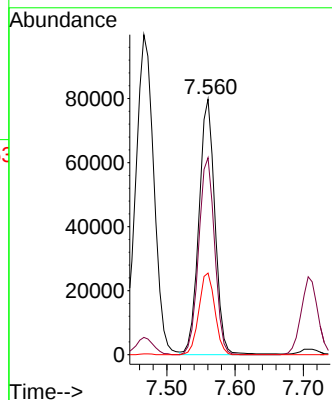
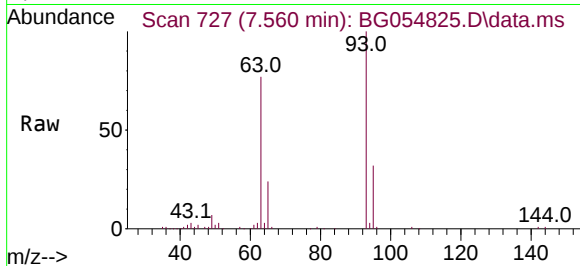




#11
bis(2-Chloroethyl)ether
Concen: 45.087 ng
RT: 7.560 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

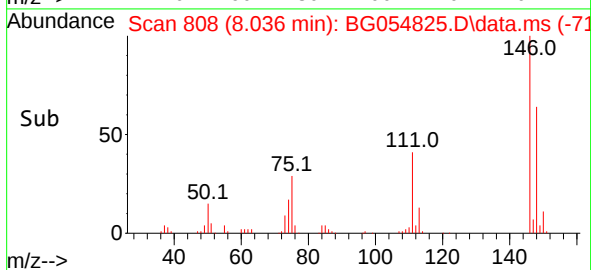
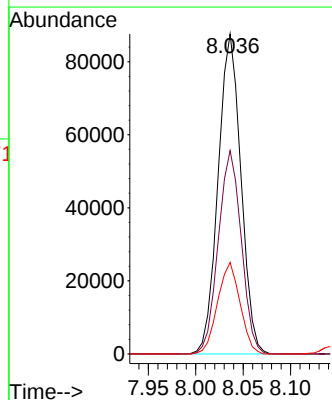
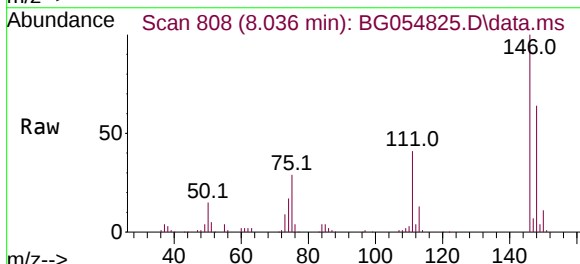
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

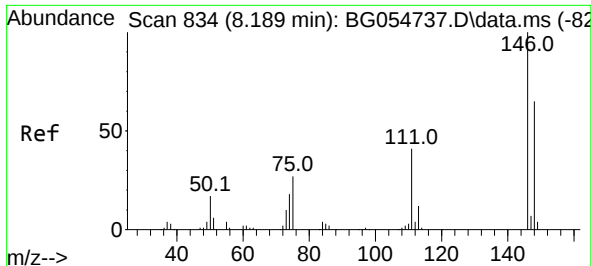
Tgt Ion: 93 Resp: 129942
Ion Ratio Lower Upper
93 100
63 77.1 62.1 102.1
95 31.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.564 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:146 Resp: 146785
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 28.6 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 45.359 ng

RT: 8.183 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

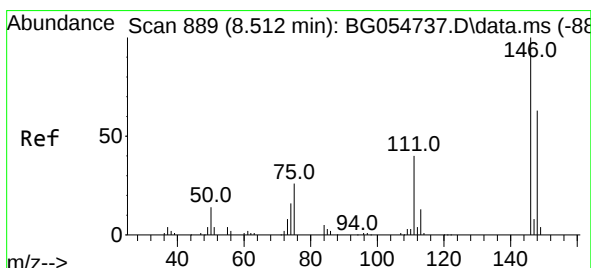
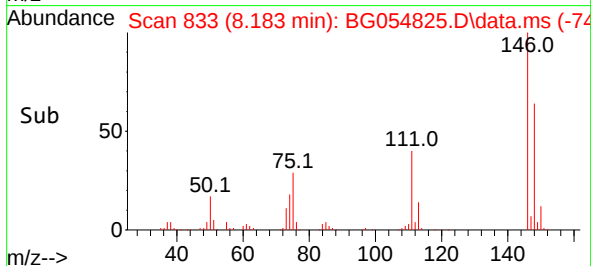
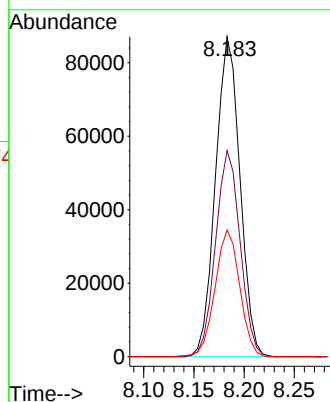
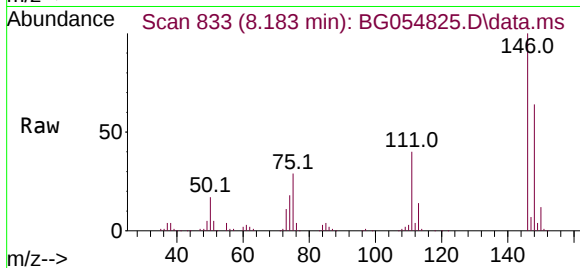
Tgt Ion:146 Resp: 147392

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

111 39.6 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 46.971 ng

RT: 8.506 min Scan# 888

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

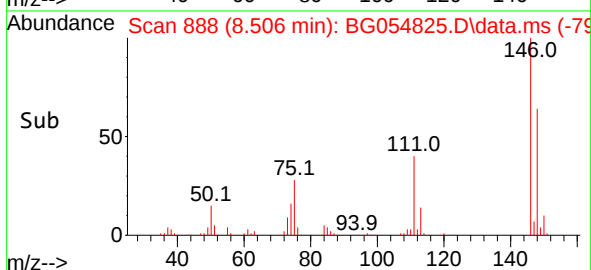
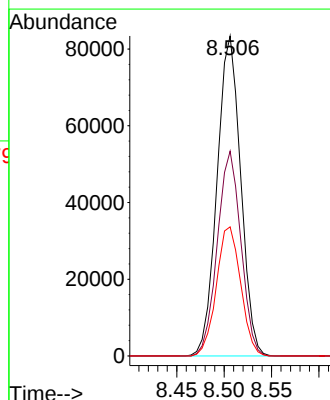
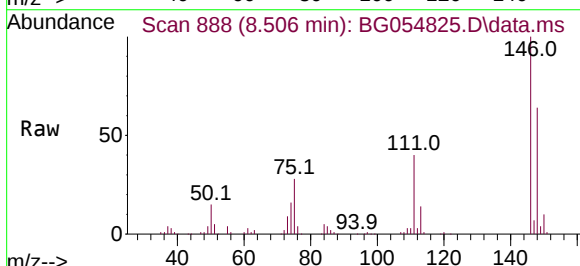
Tgt Ion:146 Resp: 144727

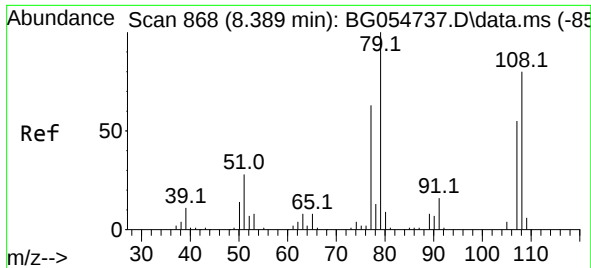
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 40.4 34.3 51.5

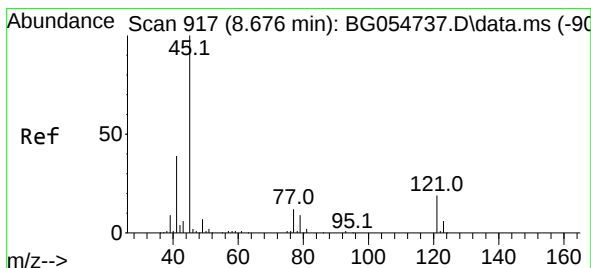
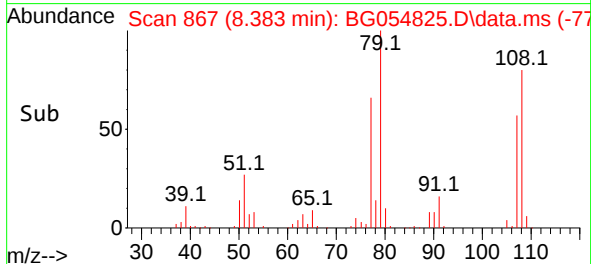
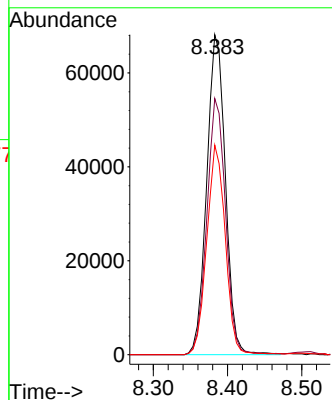
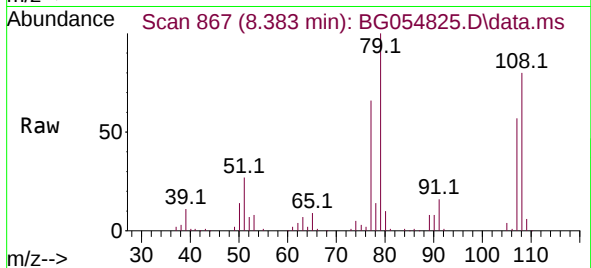




#15
Benzyl Alcohol
Concen: 47.468 ng
RT: 8.383 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

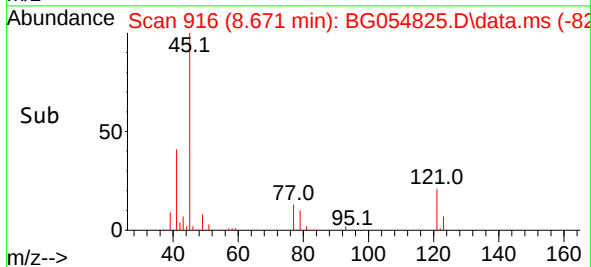
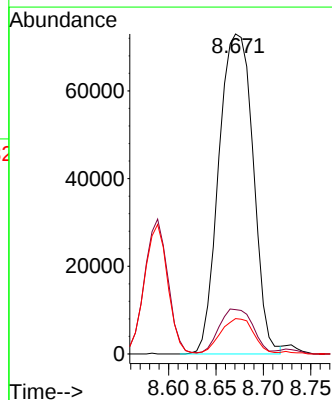
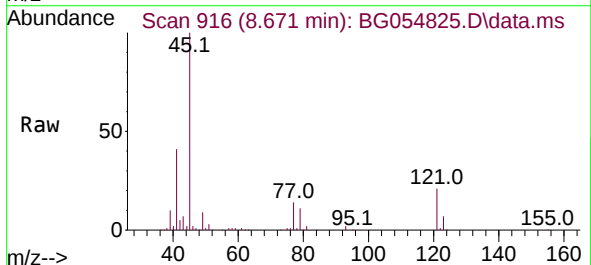
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

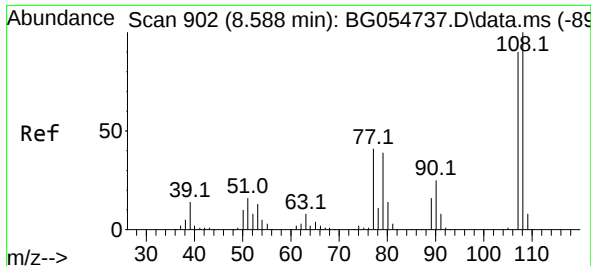
Tgt Ion: 79 Resp: 119494
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 65.5 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.729 ng
RT: 8.671 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 45 Resp: 183672
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.8
79 11.0 0.0 30.4

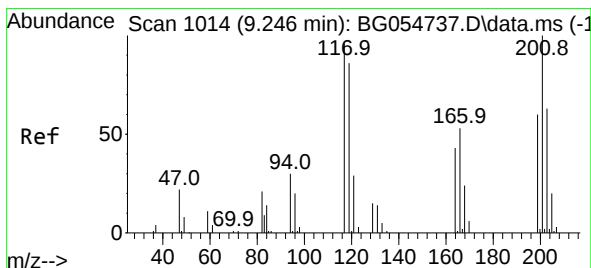
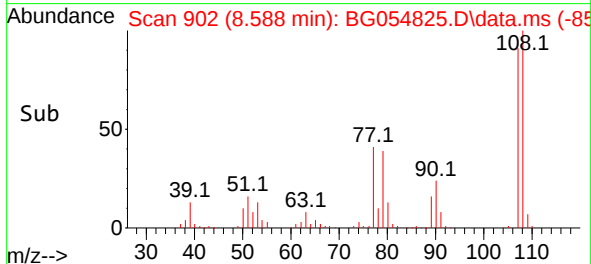
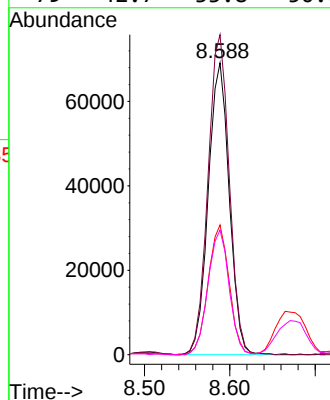
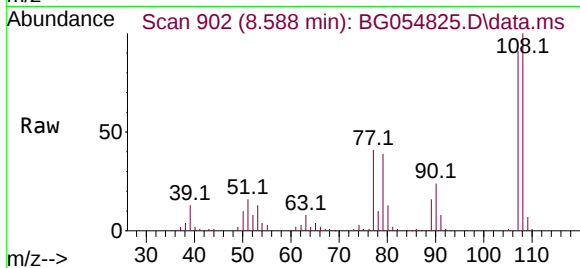




#17
2-Methylphenol
Concen: 48.111 ng
RT: 8.588 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

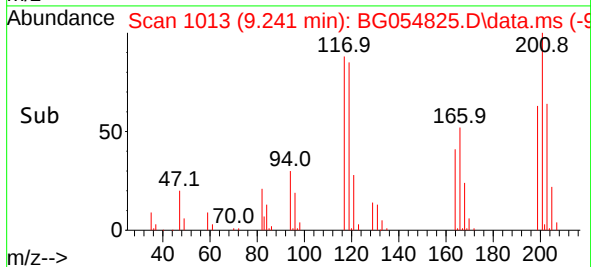
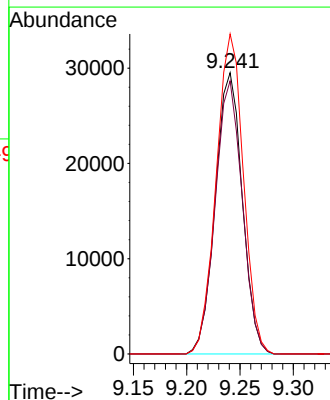
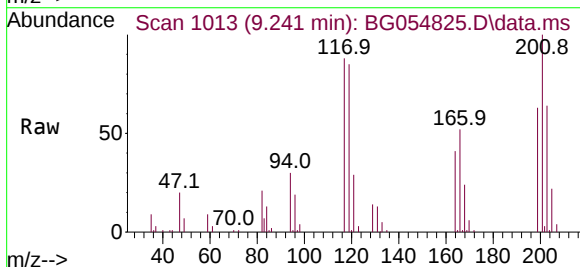
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

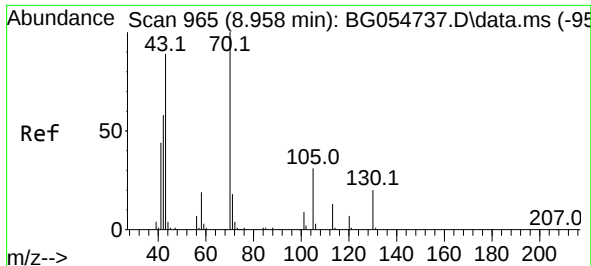
Tgt Ion:	107	Resp:	118702
Ion Ratio	Lower	Upper	
107	100		
108	109.6	85.6	128.4
77	44.5	35.8	53.8
79	42.7	33.8	50.6



#18
Hexachloroethane
Concen: 44.104 ng
RT: 9.241 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:	117	Resp:	51968
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.0	115.6
201	113.7	87.2	130.8

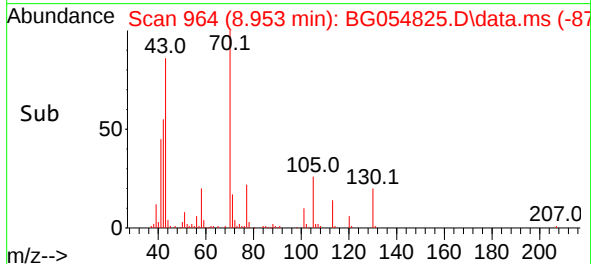
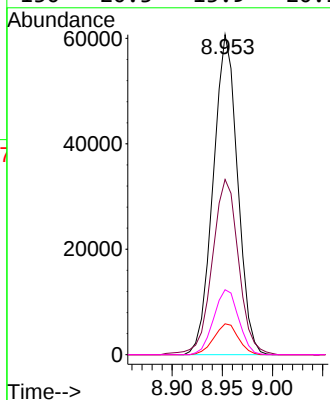
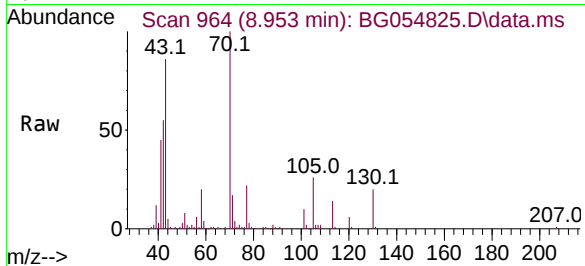




#19
n-Nitroso-di-n-propylamine
Concen: 42.751 ng
RT: 8.953 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

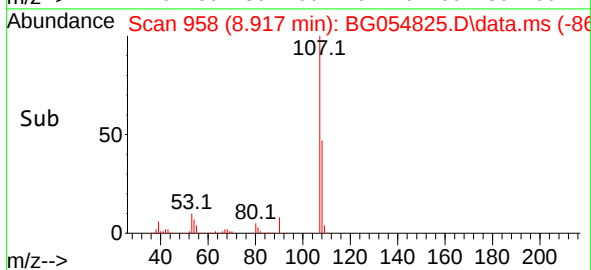
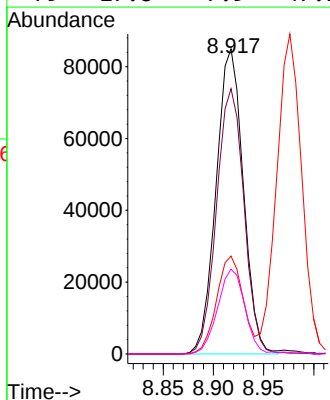
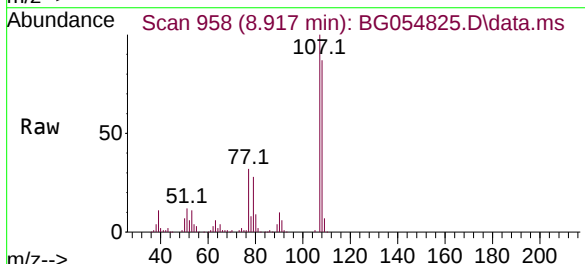
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion: 70 Resp: 102441
Ion Ratio Lower Upper
70 100
42 54.8 46.6 69.8
101 9.6 7.7 11.5
130 20.3 13.9 20.9



#20
3+4-Methylphenols
Concen: 46.820 ng
RT: 8.917 min Scan# 958
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 107 Resp: 160183
Ion Ratio Lower Upper
107 100
108 87.0 71.6 111.6
77 32.1 13.1 53.1
79 27.8 7.9 47.9

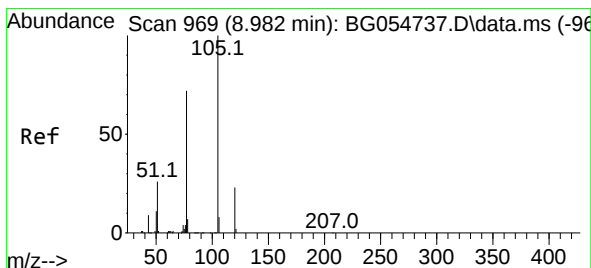
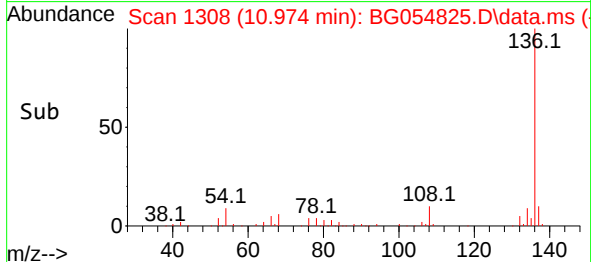
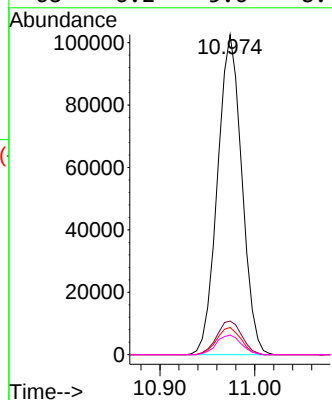
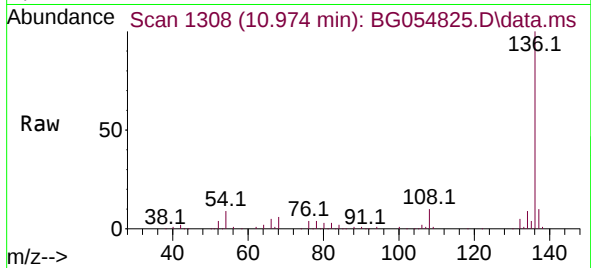




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

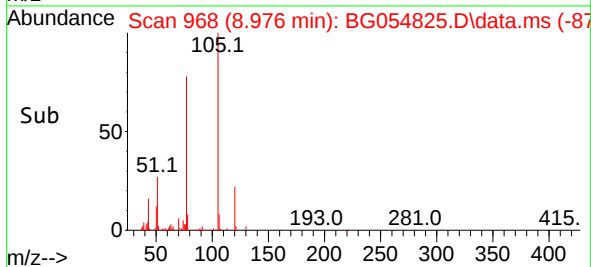
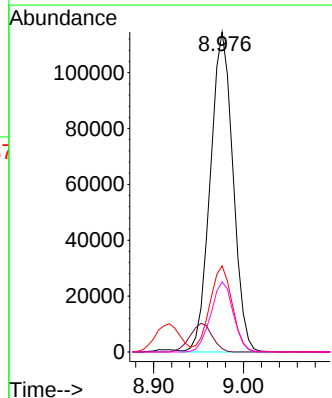
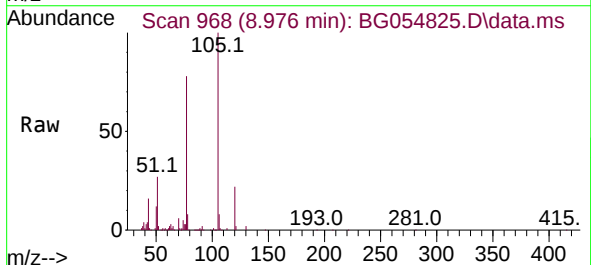
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

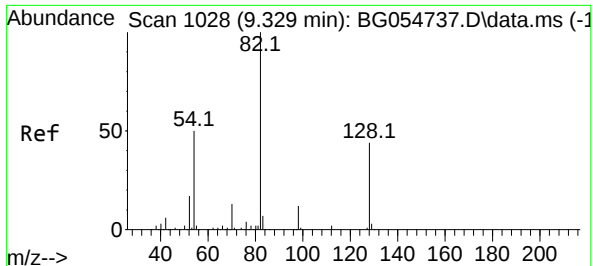
Tgt Ion:136 Resp: 182908
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.5 7.7 11.5
68 6.2 5.6 8.4



#22
Acetophenone
Concen: 43.896 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:105 Resp: 200867
Ion Ratio Lower Upper
105 100
71 1.1 1.2 1.8#
51 26.9 22.9 34.3
120 21.9 17.4 26.2

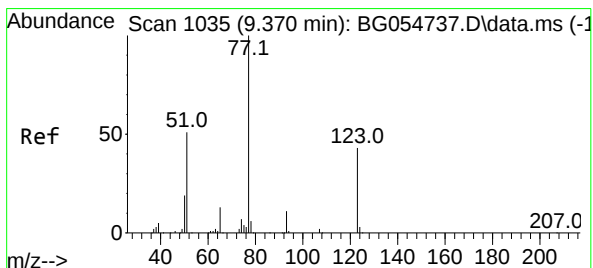
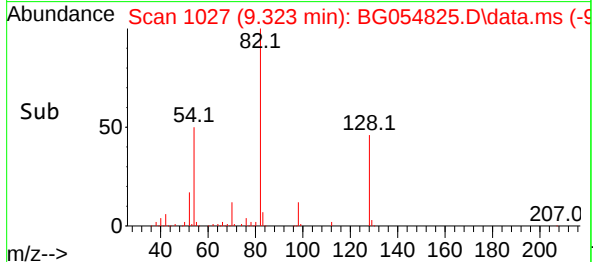
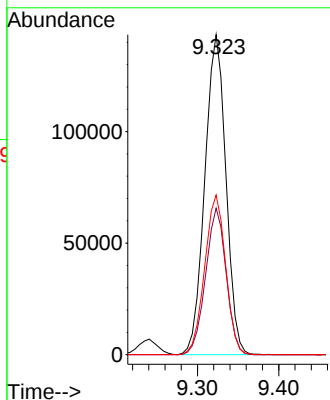
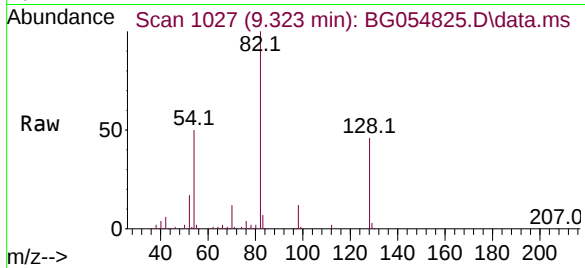




#23
Nitrobenzene-d5
Concen: 74.116 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

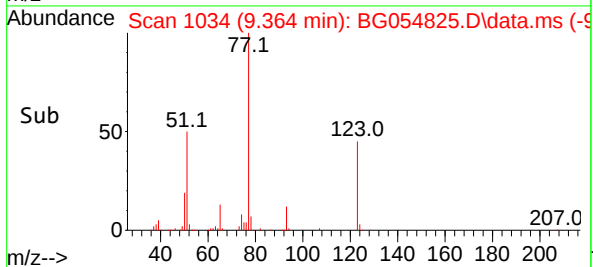
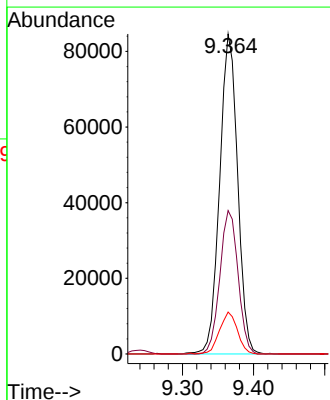
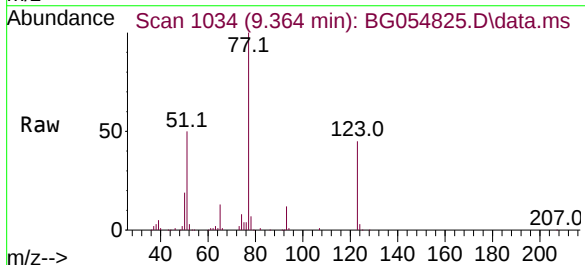
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

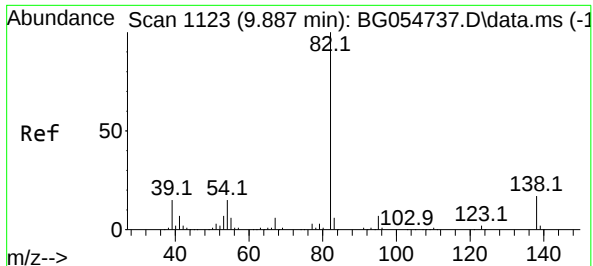
Tgt Ion: 82 Resp: 258234
Ion Ratio Lower Upper
82 100
128 45.8 32.2 48.2
54 49.9 41.4 62.0



#24
Nitrobenzene
Concen: 42.071 ng
RT: 9.364 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 77 Resp: 147746
Ion Ratio Lower Upper
77 100
123 44.8 35.0 52.6
65 13.1 10.2 15.2

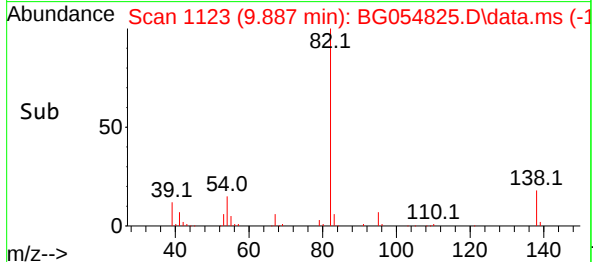
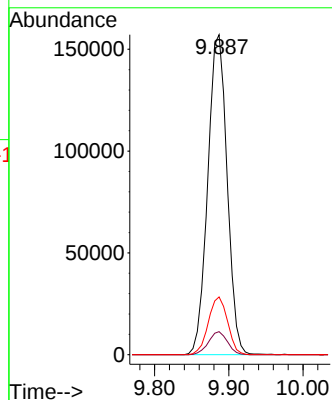
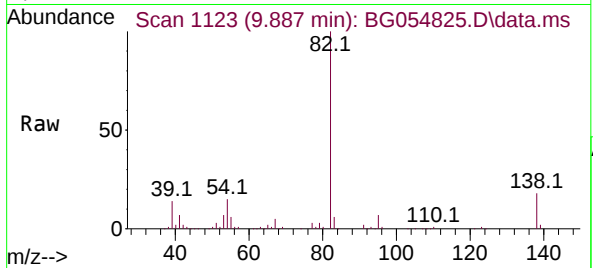




#25
Isophorone
Concen: 43.826 ng
RT: 9.887 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

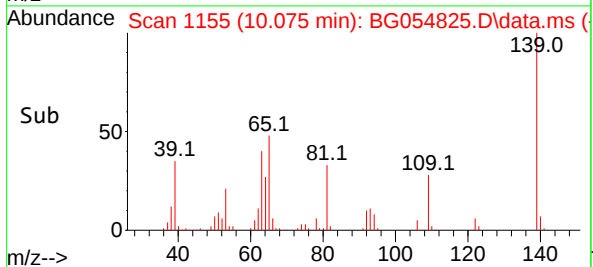
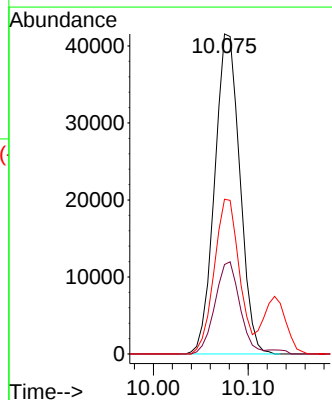
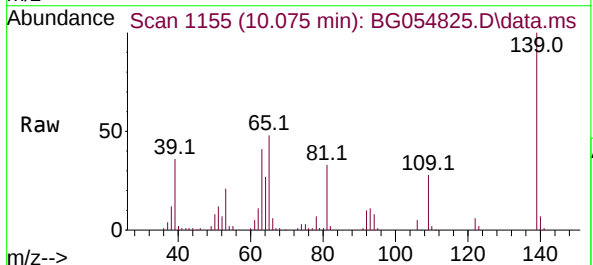
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

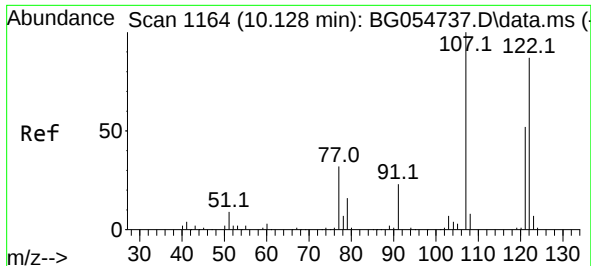
Tgt Ion: 82 Resp: 284721
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 49.475 ng
RT: 10.075 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:139 Resp: 76749
Ion Ratio Lower Upper
139 100
109 28.0 21.8 32.6
65 48.4 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.125 ng

RT: 10.128 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

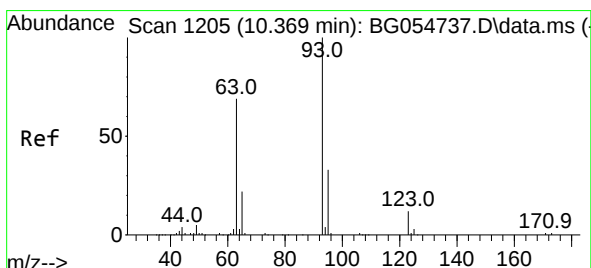
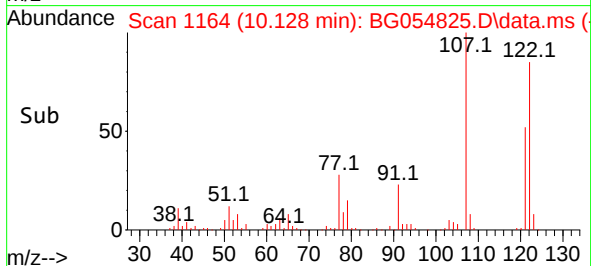
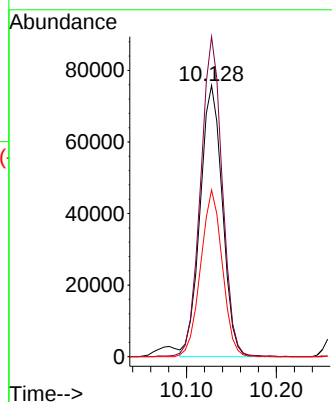
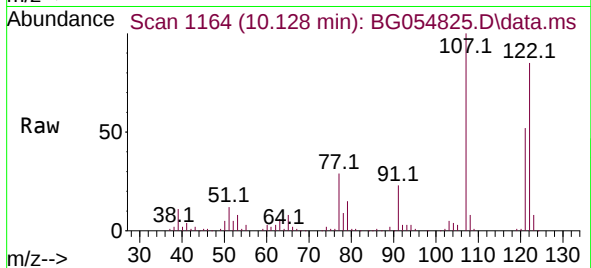
Tgt Ion:122 Resp: 130573

Ion Ratio Lower Upper

122 100

107 118.0 94.6 142.0

121 61.5 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.505 ng

RT: 10.363 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

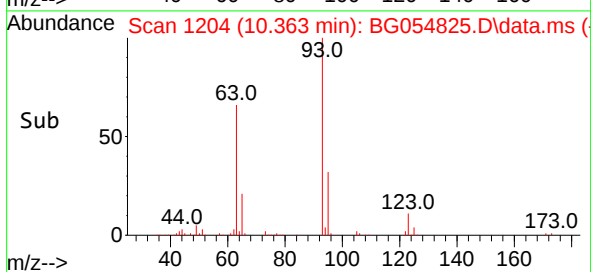
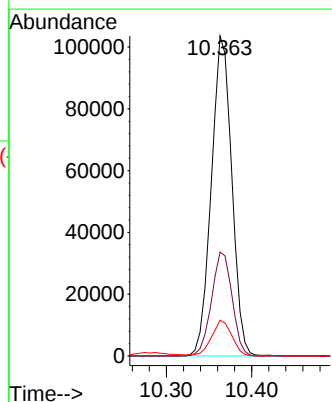
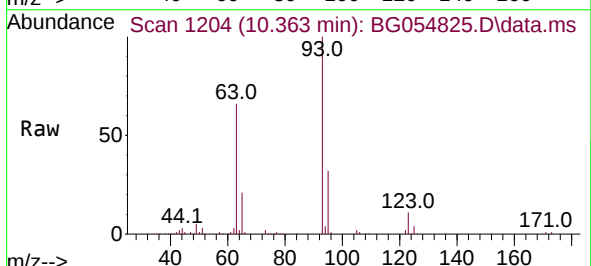
Tgt Ion: 93 Resp: 172157

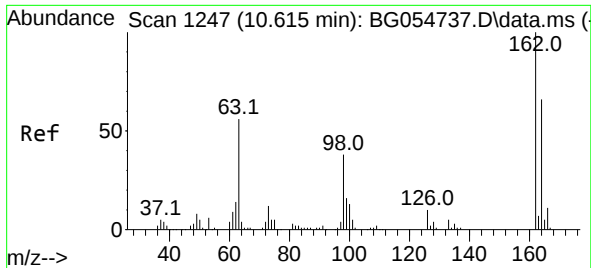
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 47.484 ng

RT: 10.615 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

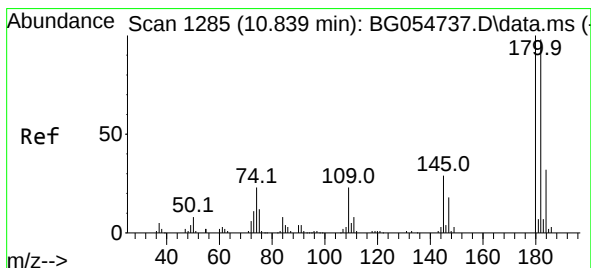
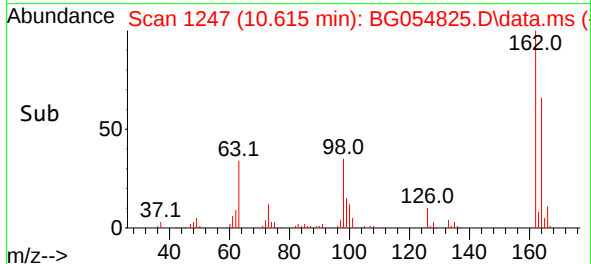
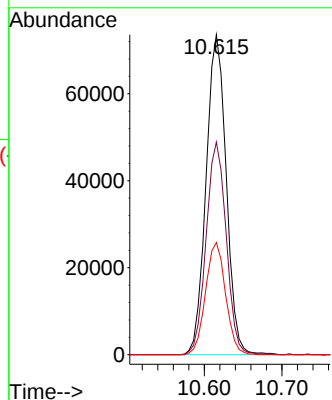
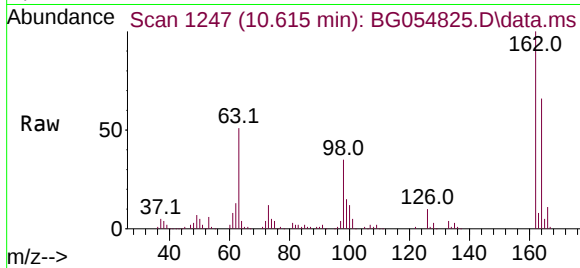
Tgt Ion:162 Resp: 132748

Ion Ratio Lower Upper

162 100

164 66.5 47.2 87.2

98 35.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.308 ng

RT: 10.833 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

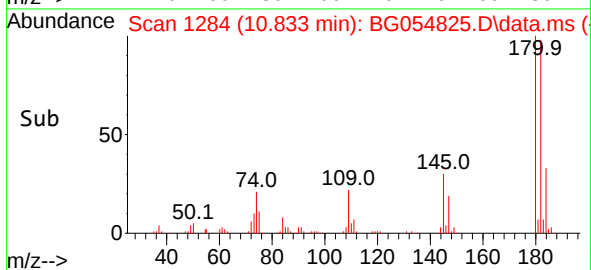
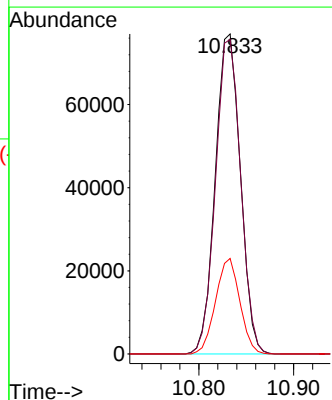
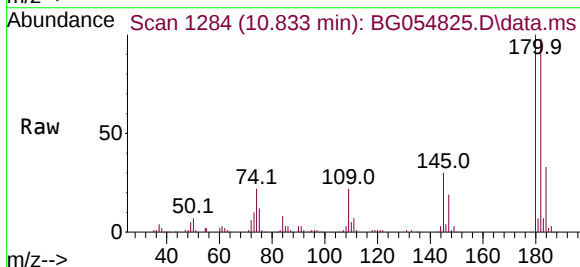
Tgt Ion:180 Resp: 141554

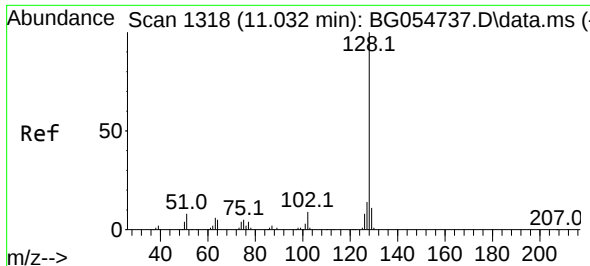
Ion Ratio Lower Upper

180 100

182 98.3 77.0 115.6

145 29.9 24.0 36.0

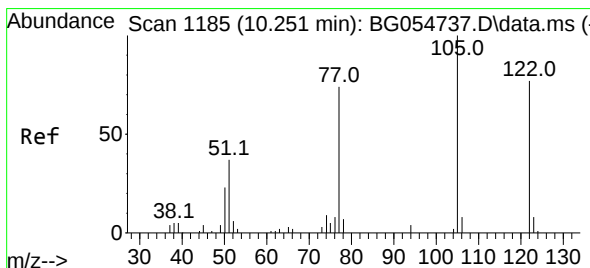
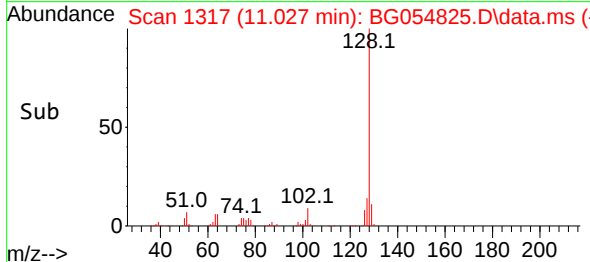
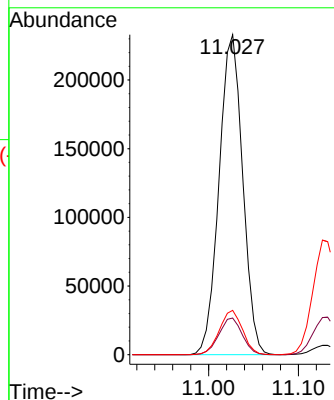
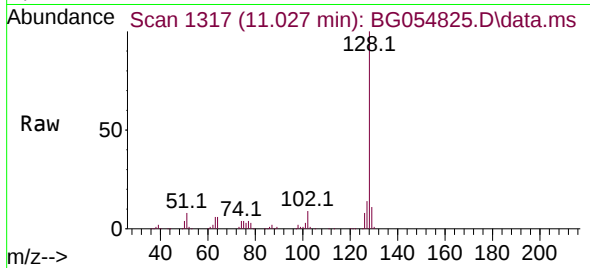




#31
Naphthalene
Concen: 43.316 ng
RT: 11.027 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

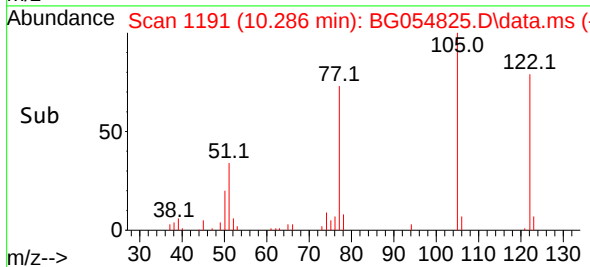
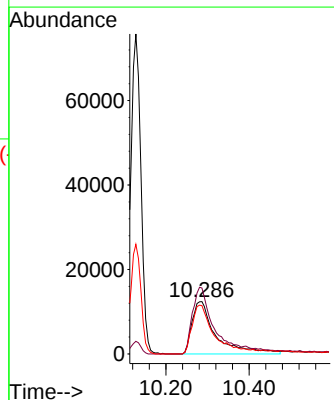
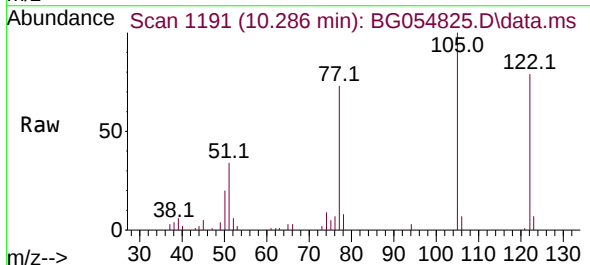
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

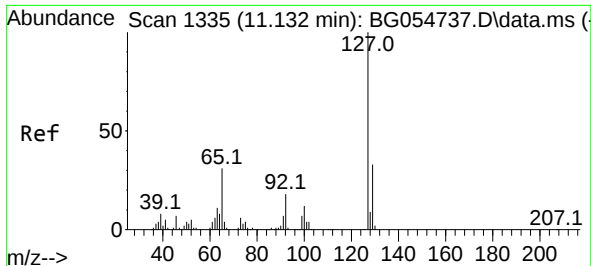
Tgt Ion:128 Resp: 425074
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 31.440 ng
RT: 10.286 min Scan# 1191
Delta R.T. 0.035 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

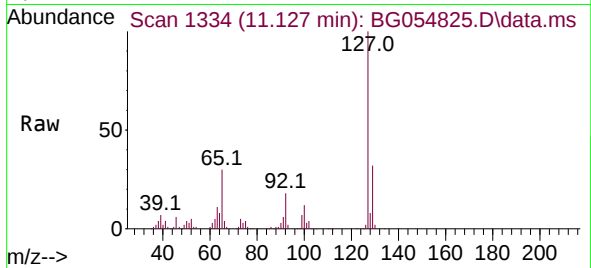
Tgt Ion:122 Resp: 49529
Ion Ratio Lower Upper
122 100
105 126.1 101.5 141.5
77 92.5 69.3 109.3



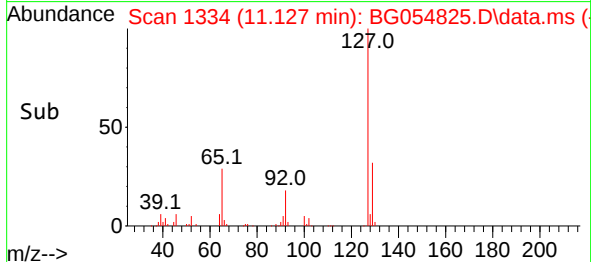
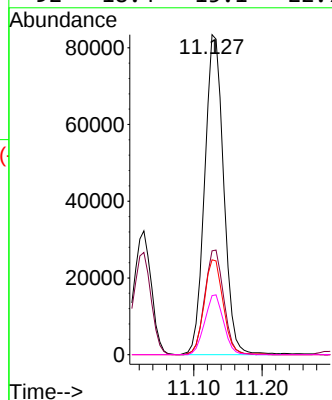


#33
4-Chloroaniline
Concen: 40.517 ng
RT: 11.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Instrument :
BNA_G
ClientSampleId :
EP-4MSD

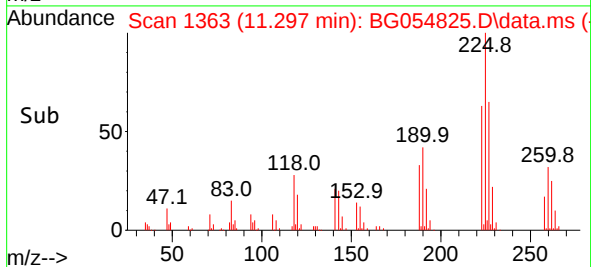
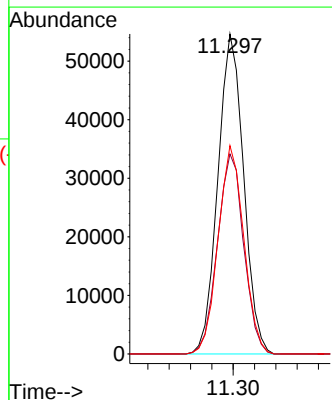
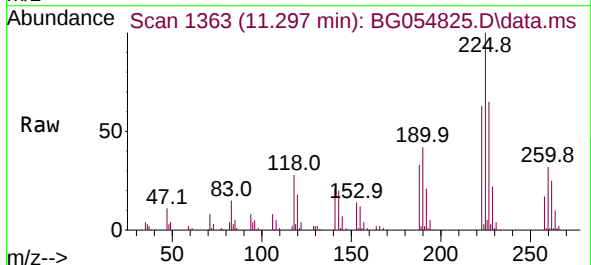


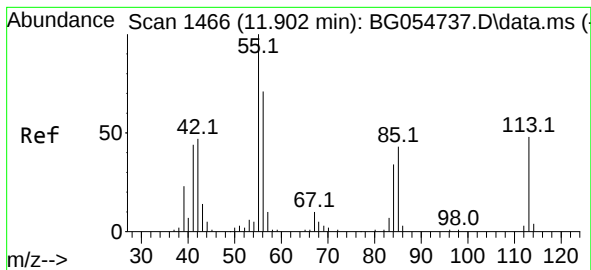
Tgt Ion:	127	Resp:	162100
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.0	39.0
65	29.7	25.8	38.8
92	18.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 44.750 ng
RT: 11.297 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:	225	Resp:	91599
Ion Ratio	Lower	Upper	
225	100		
223	62.5	51.4	77.0
227	65.1	52.6	79.0





#35

Caprolactam

Concen: 27.814 ng

RT: 11.902 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

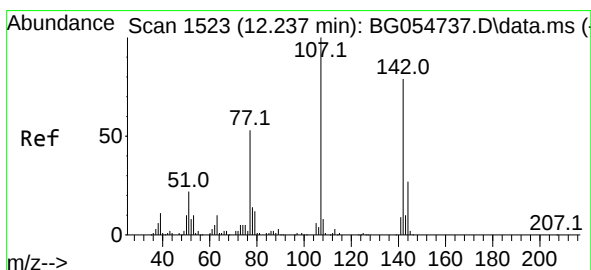
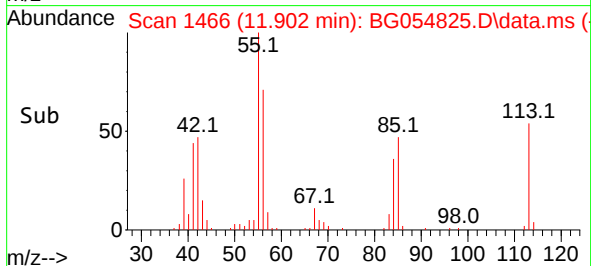
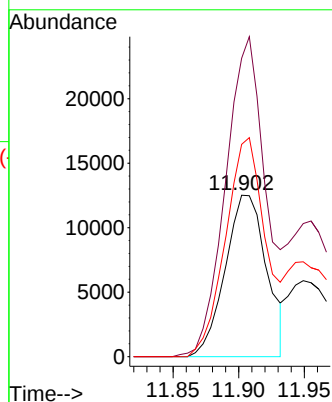
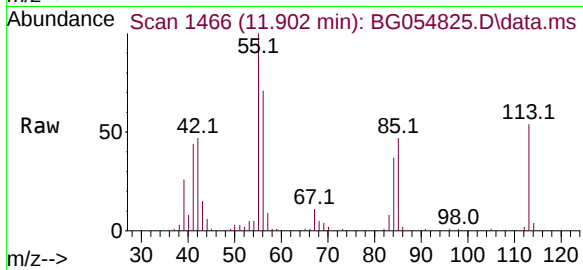
Tgt Ion:113 Resp: 27433

Ion Ratio Lower Upper

113 100

55 184.8 179.1 219.1

56 131.5 120.8 160.8



#36

4-Chloro-3-methylphenol

Concen: 46.341 ng

RT: 12.237 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

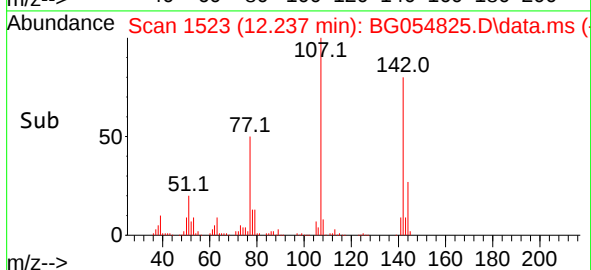
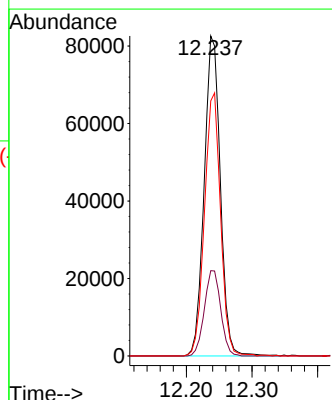
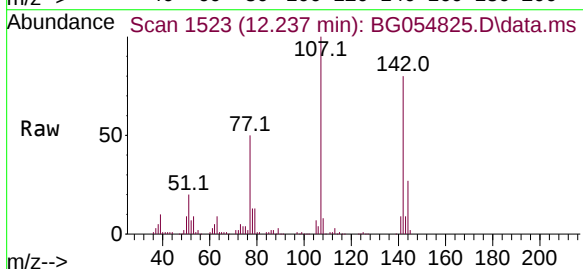
Tgt Ion:107 Resp: 141668

Ion Ratio Lower Upper

107 100

144 26.7 22.4 33.6

142 79.7 65.8 98.8





#37

2-Methylnaphthalene

Concen: 44.011 ng

RT: 12.619 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

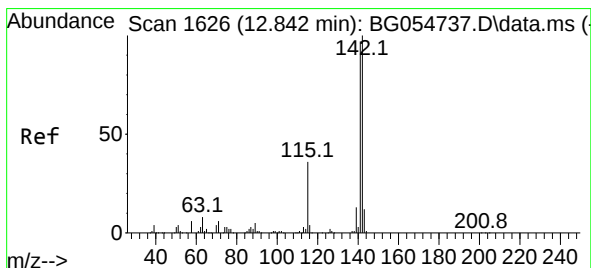
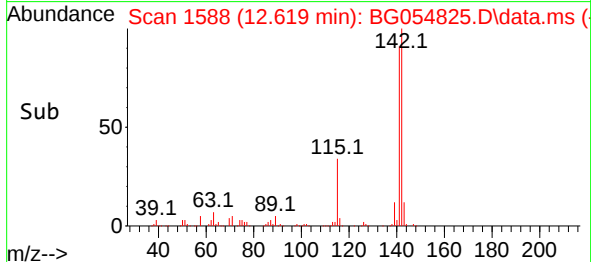
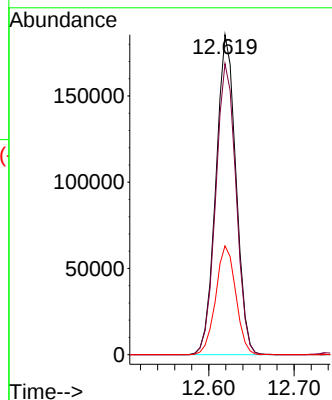
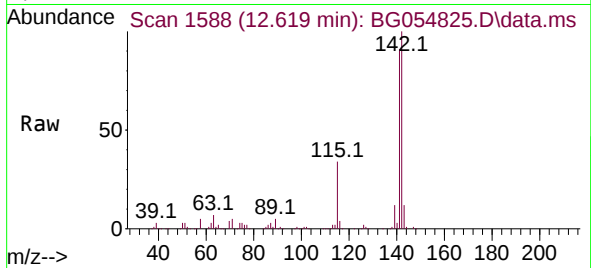
Tgt Ion:142 Resp: 302712

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4

115 34.0 27.3 40.9



#38

1-Methylnaphthalene

Concen: 43.010 ng

RT: 12.836 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

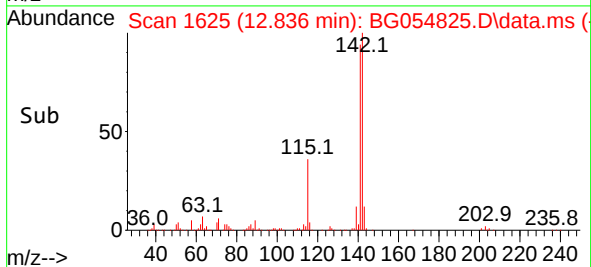
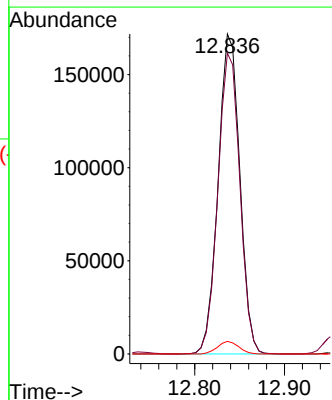
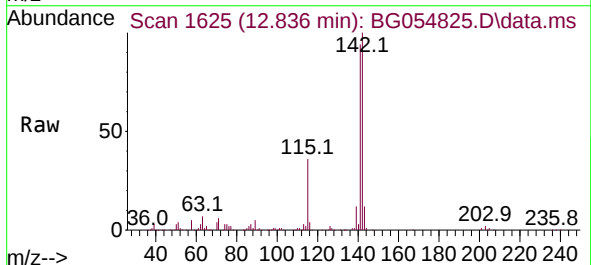
Tgt Ion:142 Resp: 287818

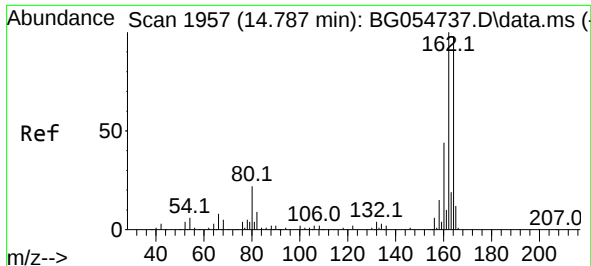
Ion Ratio Lower Upper

142 100

141 94.0 77.4 116.0

116 3.9 3.0 4.4

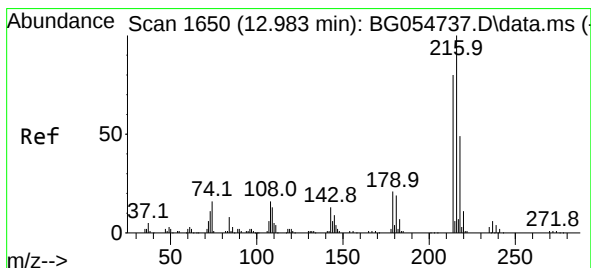
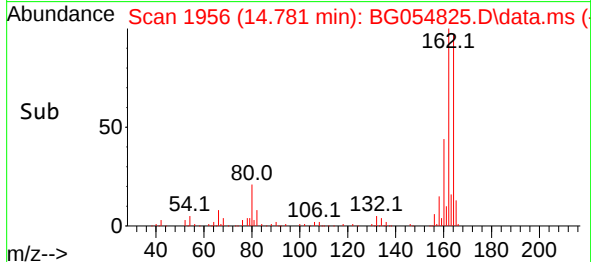
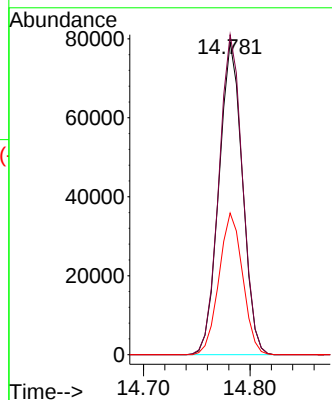
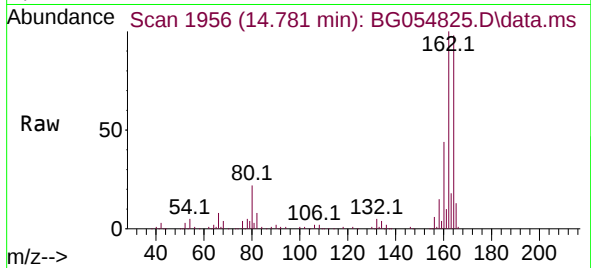




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

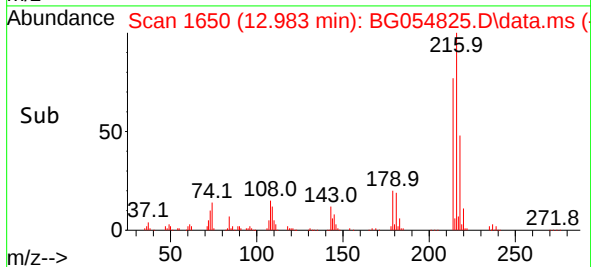
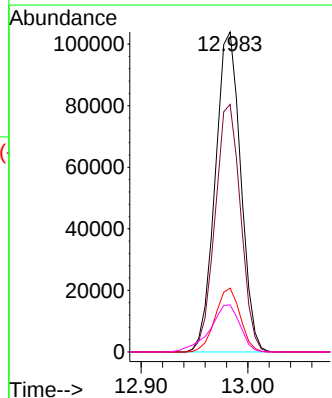
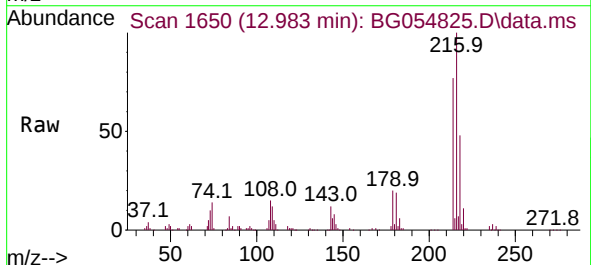
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion:164 Resp: 120915
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 45.3 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.263 ng
RT: 12.983 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:216 Resp: 172270
Ion Ratio Lower Upper
216 100
214 77.5 63.2 94.8
179 19.5 16.5 24.7
108 17.3 13.9 20.9

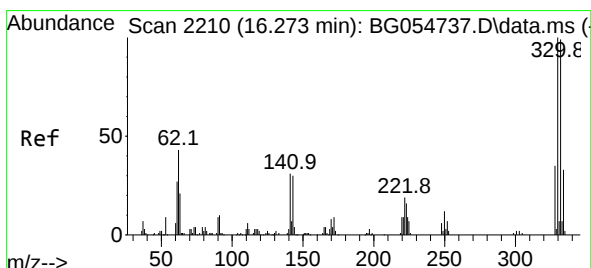
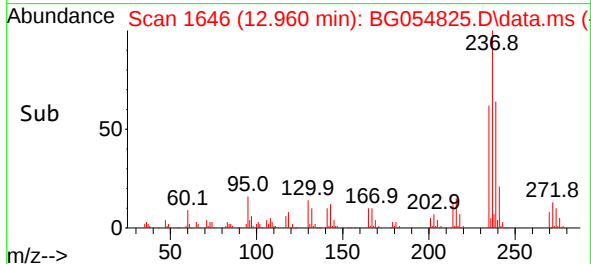
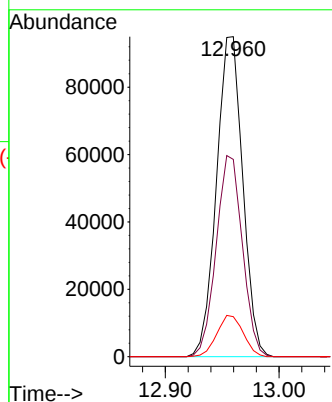
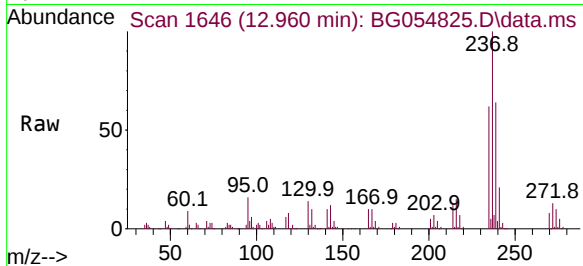




#41
Hexachlorocyclopentadiene
Concen: 78.955 ng
RT: 12.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

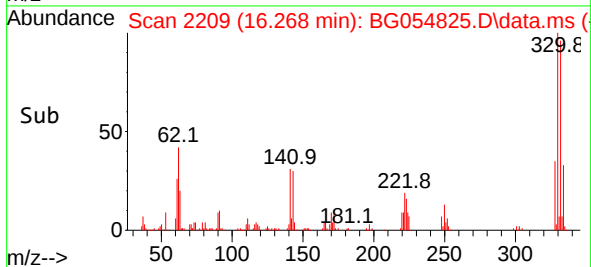
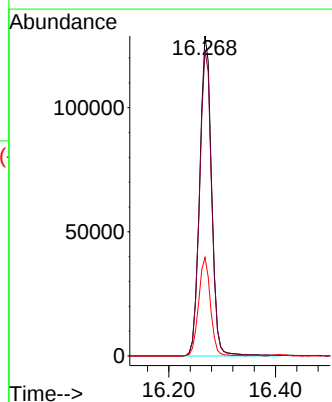
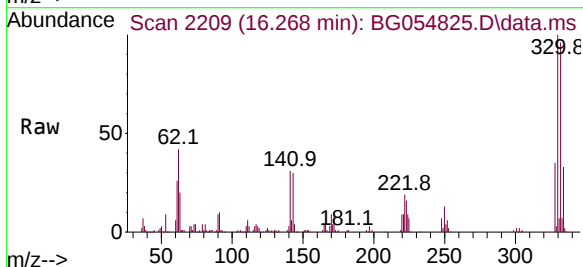
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

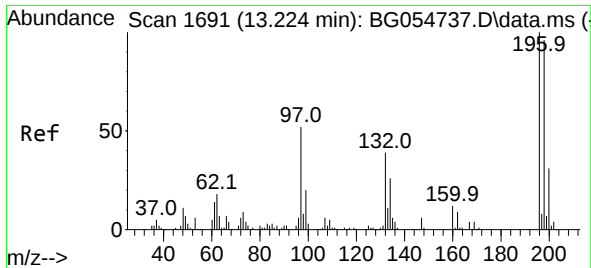
Tgt Ion:237 Resp: 152621
Ion Ratio Lower Upper
237 100
235 61.6 42.2 82.2
272 12.5 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 131.851 ng
RT: 16.268 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

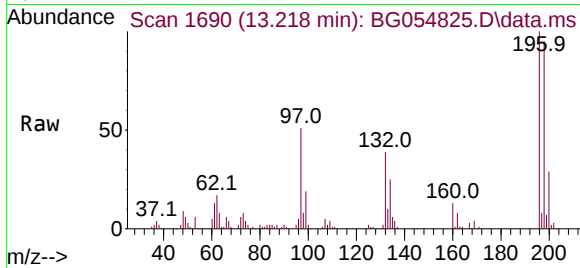
Tgt Ion:330 Resp: 199215
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 30.5 26.8 40.2



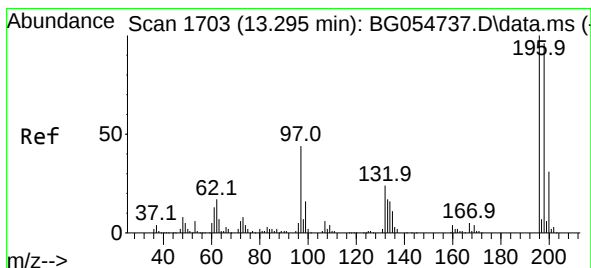
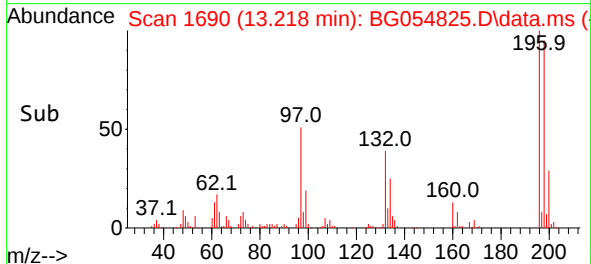
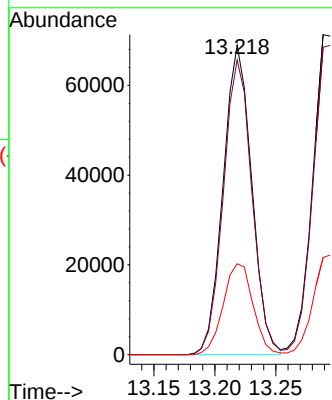


#43
2,4,6-Trichlorophenol
Concen: 46.362 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Instrument :
BNA_G
ClientSampleId :
EP-4MSD

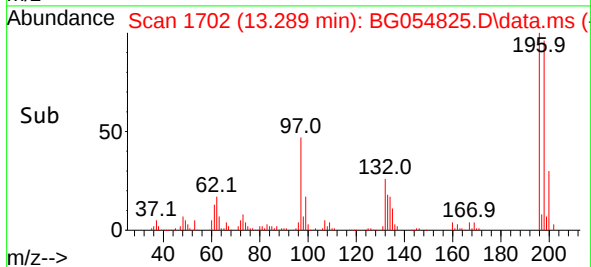
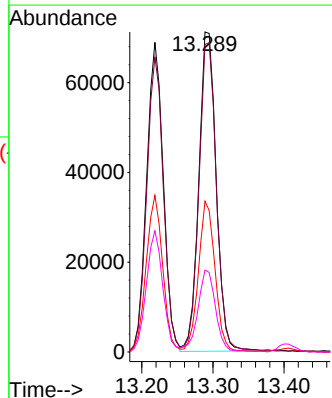
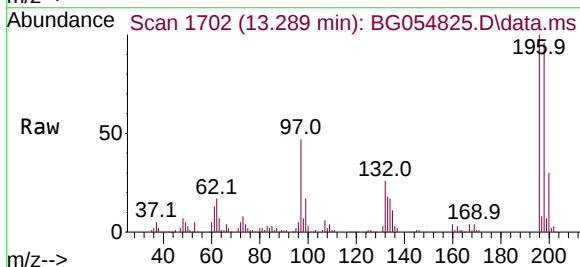


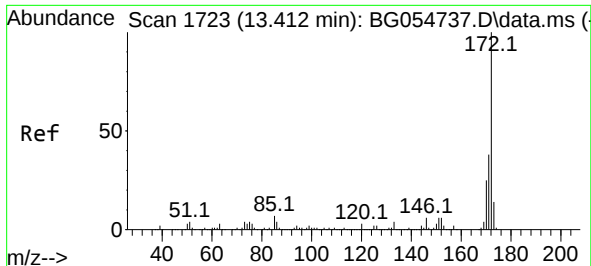
Tgt Ion:196 Resp: 112164
Ion Ratio Lower Upper
196 100
198 95.2 77.1 115.7
200 29.4 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 44.739 ng
RT: 13.289 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:196 Resp: 121555
Ion Ratio Lower Upper
196 100
198 96.1 76.7 115.1
97 47.1 36.6 55.0
132 25.6 19.5 29.3

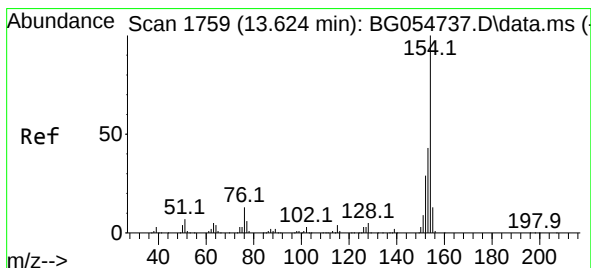
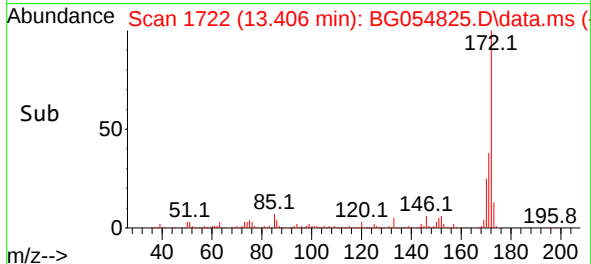
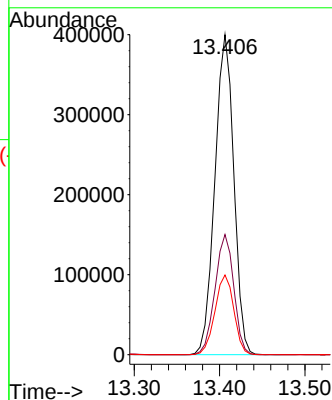
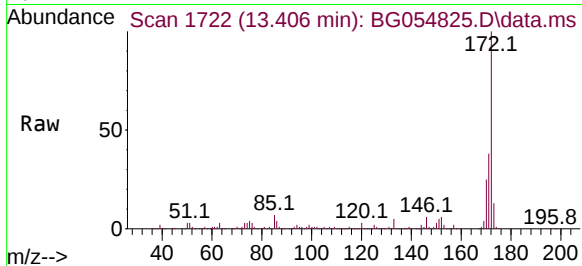




#45
2-Fluorobiphenyl
Concen: 76.792 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

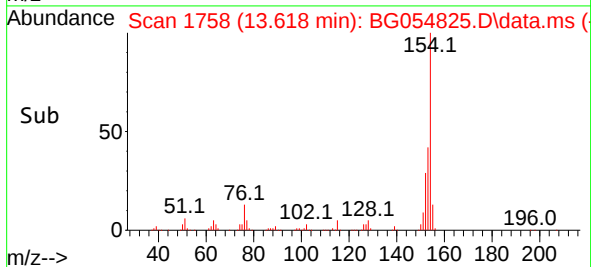
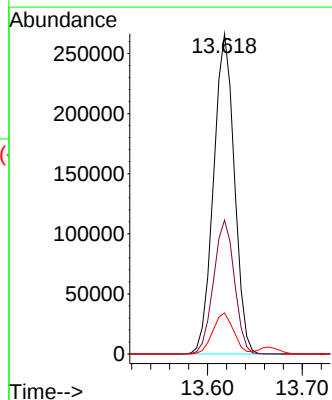
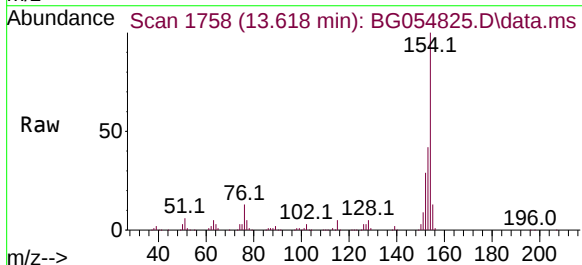
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

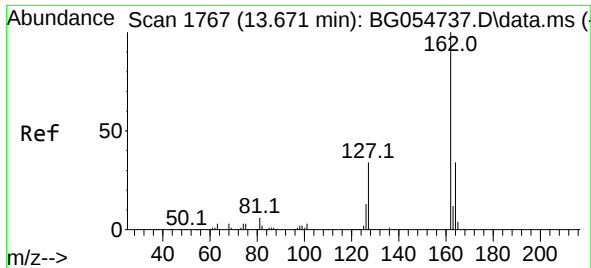
Tgt Ion:172 Resp: 617775
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.9 20.6 30.8



#46
1,1'-Biphenyl
Concen: 45.308 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:154 Resp: 406828
Ion Ratio Lower Upper
154 100
153 41.9 22.2 62.2
76 12.8 0.0 34.0

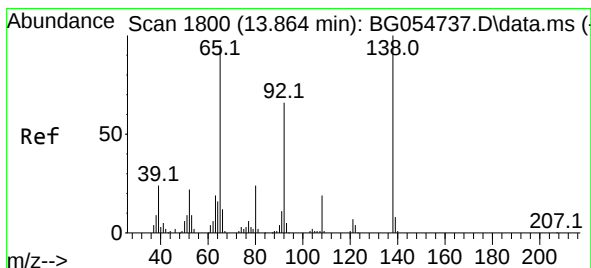
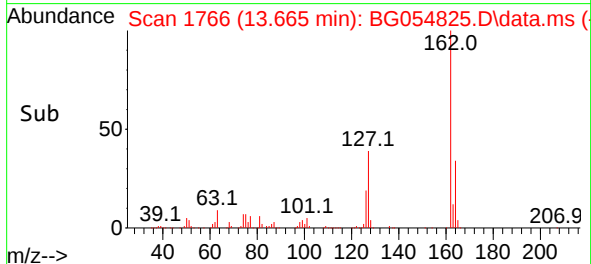
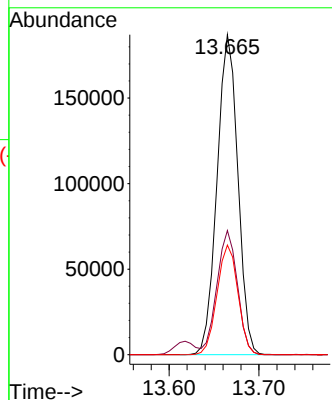
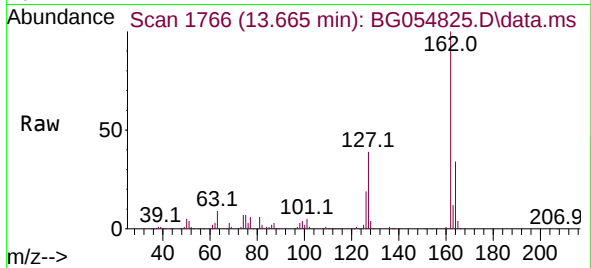




#47
2-Chloronaphthalene
Concen: 44.138 ng
RT: 13.665 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

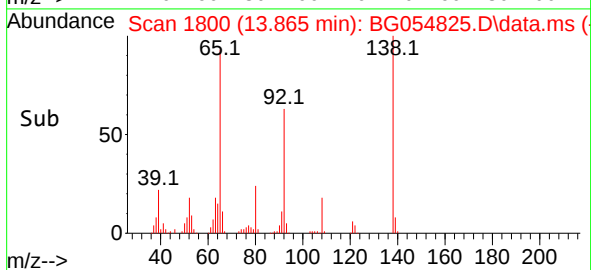
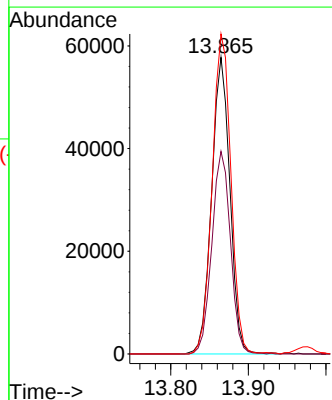
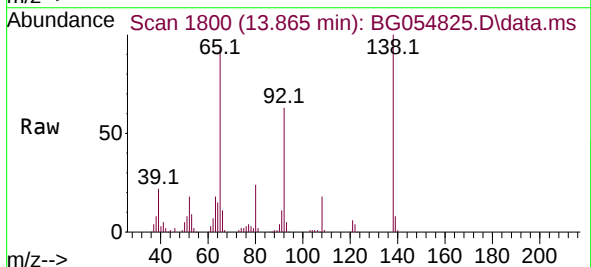
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

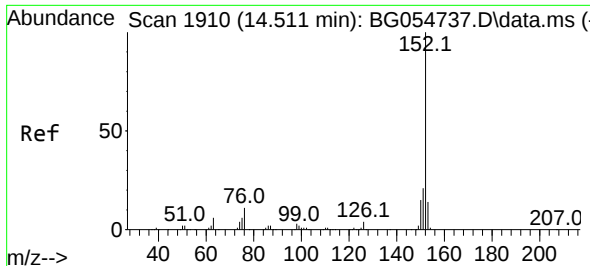
Tgt Ion:162 Resp: 300988
Ion Ratio Lower Upper
162 100
127 38.8 31.5 47.3
164 34.2 27.8 41.6



#48
2-Nitroaniline
Concen: 44.274 ng
RT: 13.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion: 65 Resp: 94620
Ion Ratio Lower Upper
65 100
92 68.3 54.7 82.1
138 107.9 84.1 126.1

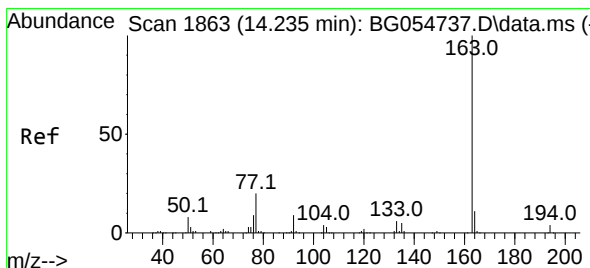
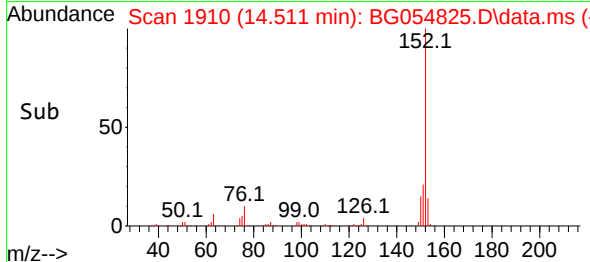
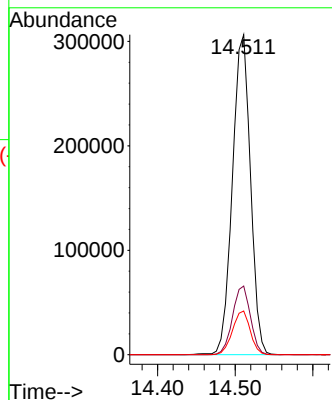
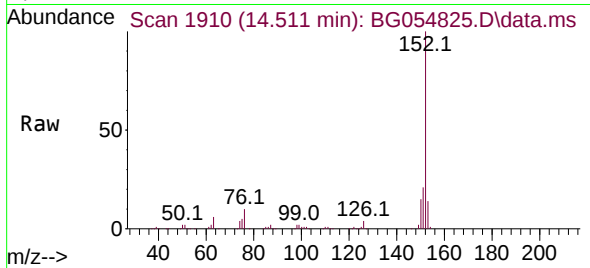




#49
Acenaphthylene
Concen: 44.095 ng
RT: 14.511 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

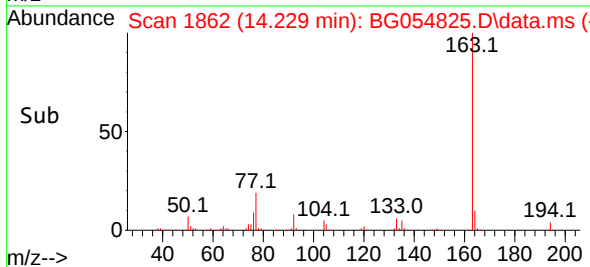
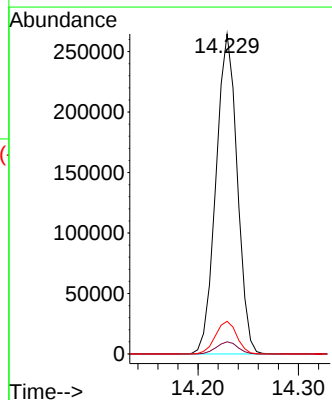
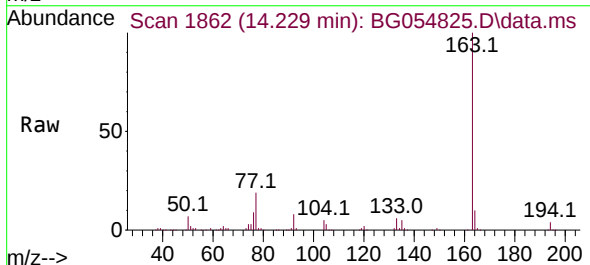
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

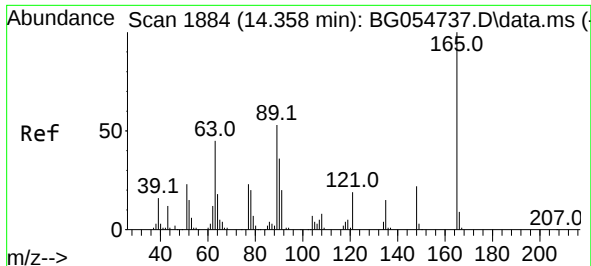
Tgt Ion:152 Resp: 496207
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 41.717 ng
RT: 14.229 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:163 Resp: 388609
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.0 12.0

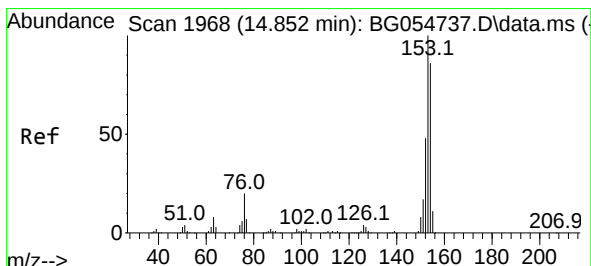
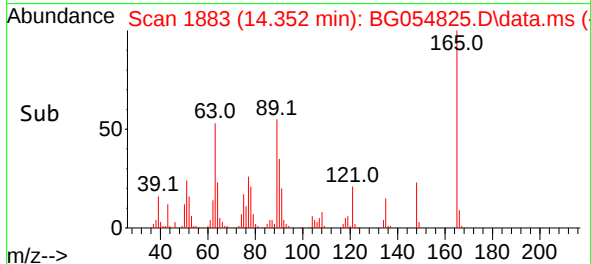
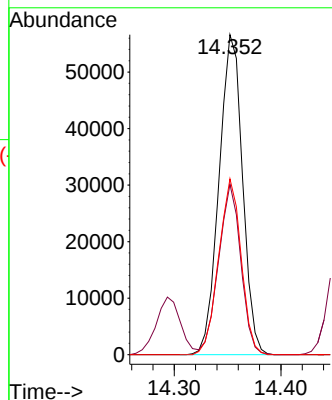
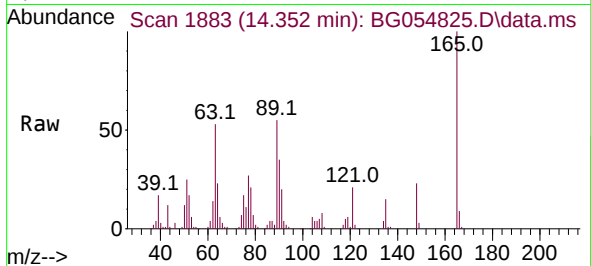




#51
2,6-Dinitrotoluene
Concen: 45.391 ng
RT: 14.352 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

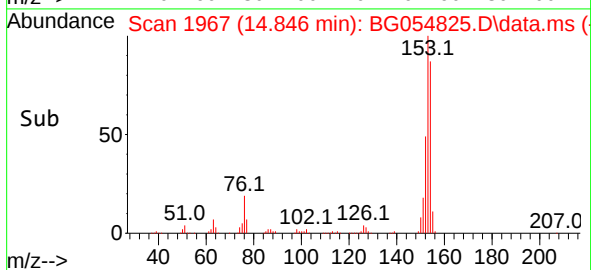
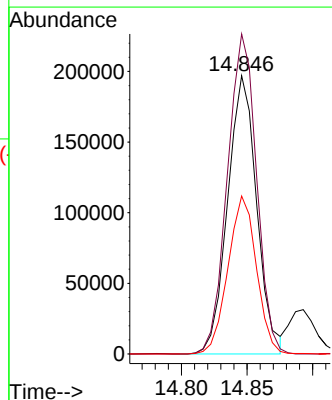
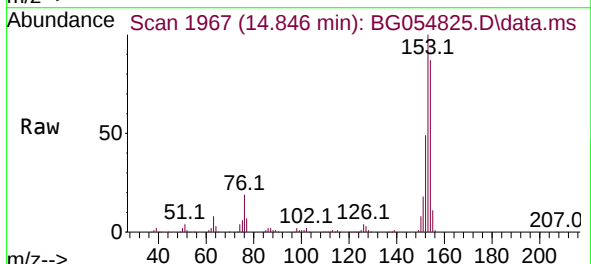
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

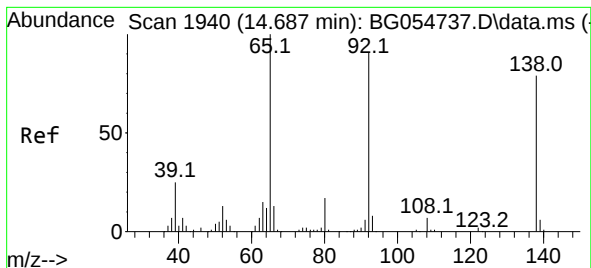
Tgt Ion:165 Resp: 86486
Ion Ratio Lower Upper
165 100
63 53.2 46.0 69.0
89 55.0 50.3 75.5



#52
Acenaphthene
Concen: 41.993 ng
RT: 14.846 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:154 Resp: 303546
Ion Ratio Lower Upper
154 100
153 115.0 92.8 139.2
152 56.7 45.4 68.2

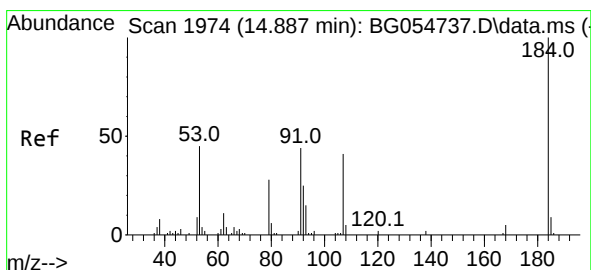
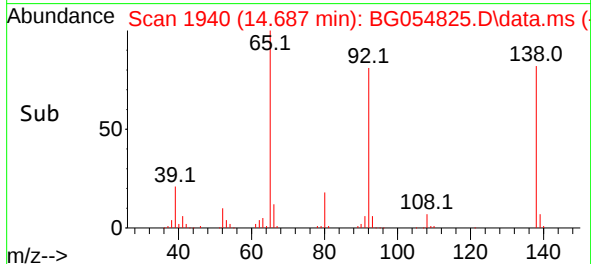
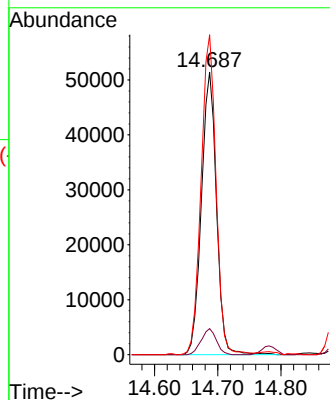
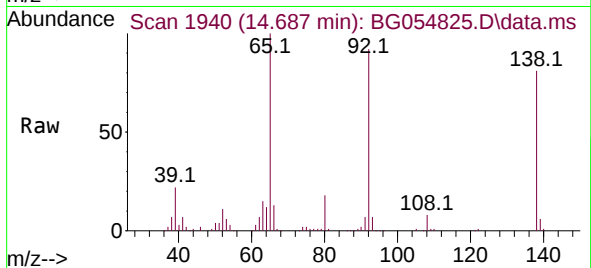




#53
3-Nitroaniline
Concen: 39.806 ng
RT: 14.687 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

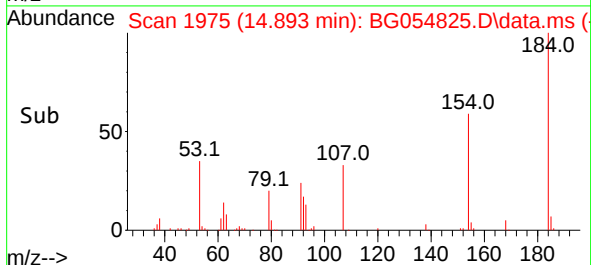
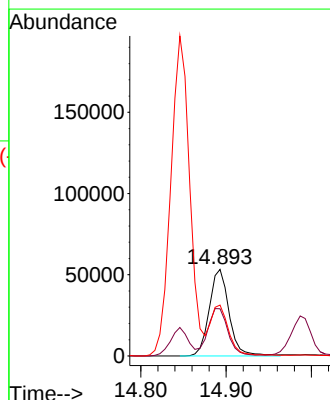
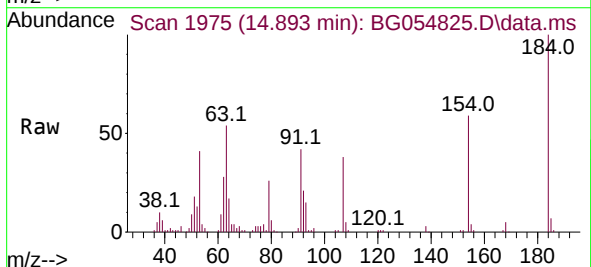
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

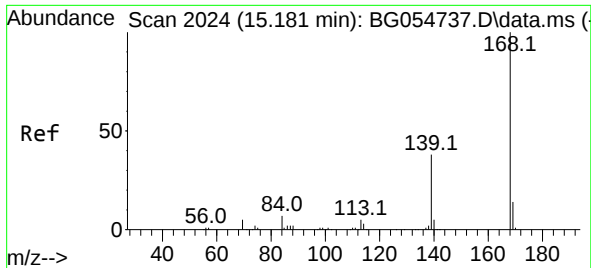
Tgt Ion:138 Resp: 84904
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 113.2 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 80.062 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

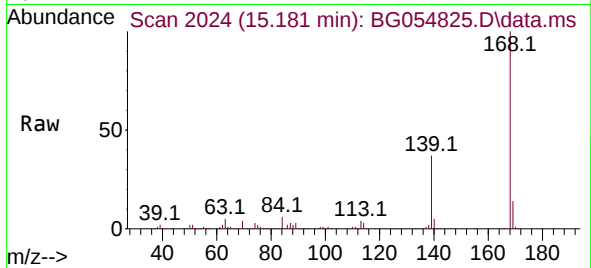
Tgt Ion:184 Resp: 86097
Ion Ratio Lower Upper
184 100
63 54.5 41.8 62.8
154 58.8 45.2 67.8



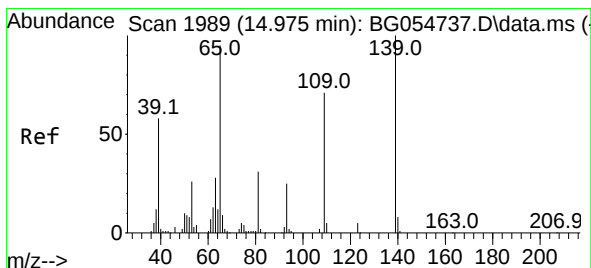
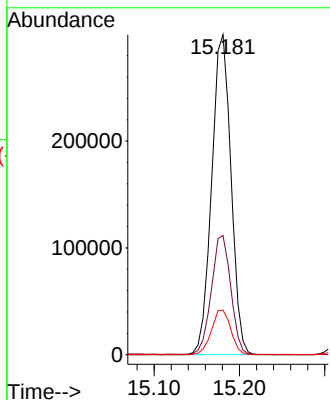
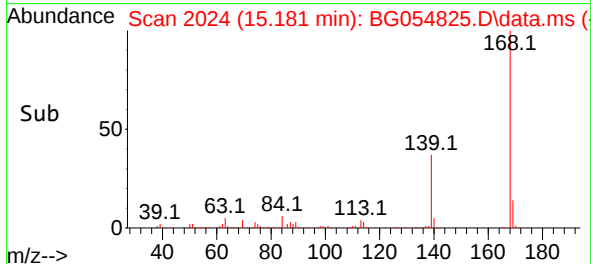


#55
Dibenzofuran
Concen: 44.307 ng
RT: 15.181 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Instrument :
BNA_G
ClientSampleId :
EP-4MSD

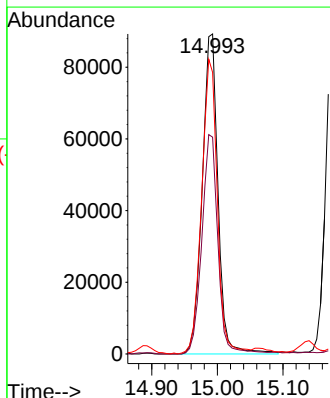
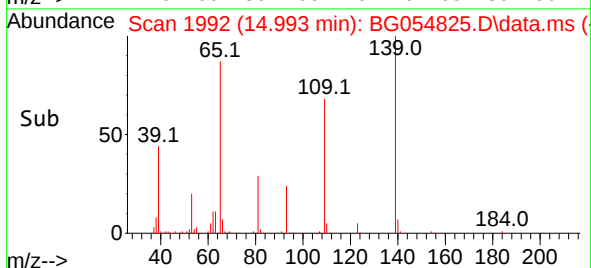
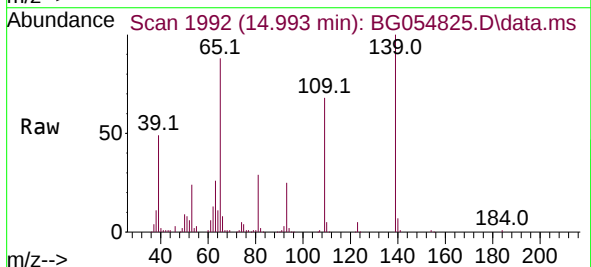


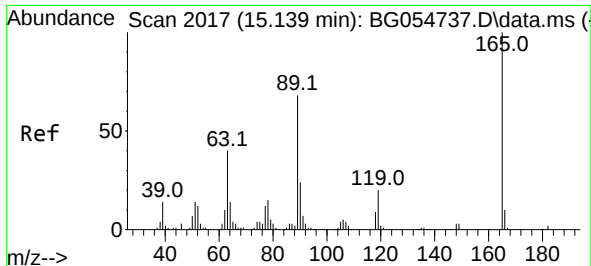
Tgt Ion:168 Resp: 470615
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 90.601 ng
RT: 14.993 min Scan# 1992
Delta R.T. 0.018 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

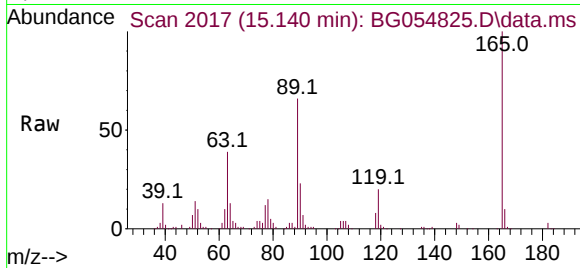
Tgt Ion:139 Resp: 149548
Ion Ratio Lower Upper
139 100
109 67.7 50.5 90.5
65 88.0 79.9 119.9



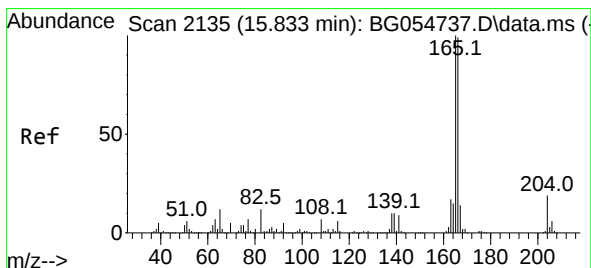
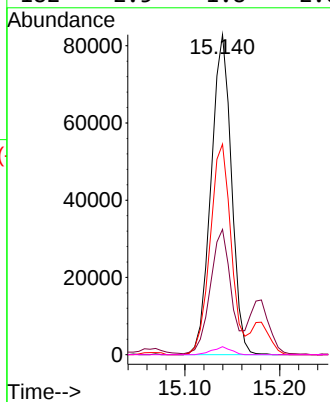
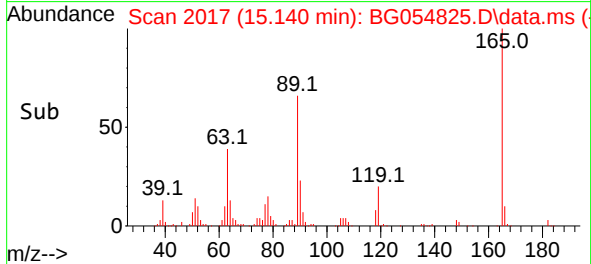


#57
2,4-Dinitrotoluene
Concen: 46.918 ng
RT: 15.140 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

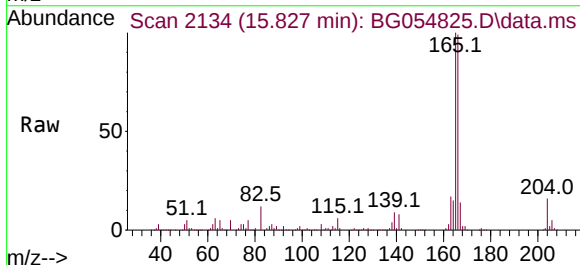
Instrument :
BNA_G
ClientSampleId :
EP-4MSD



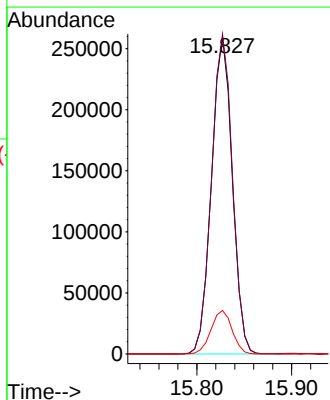
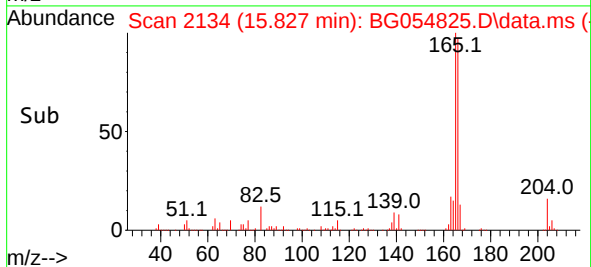
Tgt Ion:165 Resp: 123650
Ion Ratio Lower Upper
165 100
63 39.2 36.8 55.2
89 65.8 64.3 96.5
182 2.5 1.8 2.6

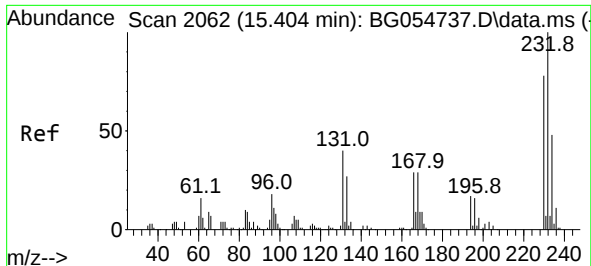


#58
Fluorene
Concen: 44.189 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55



Tgt Ion:166 Resp: 395407
Ion Ratio Lower Upper
166 100
165 100.9 80.8 121.2
167 13.7 11.4 17.0

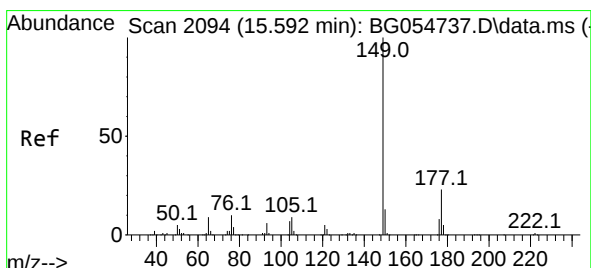
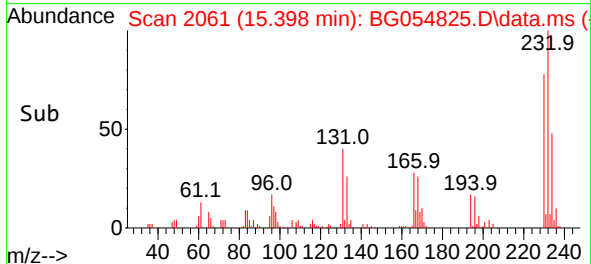
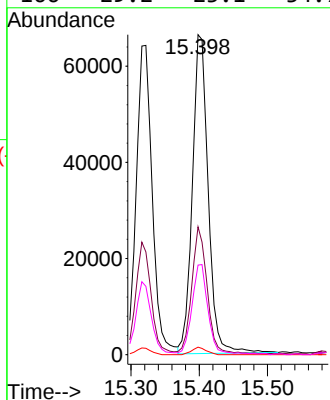
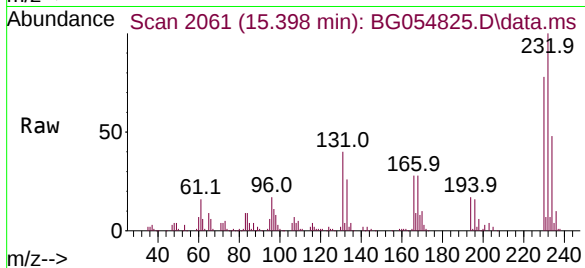




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.681 ng
RT: 15.398 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

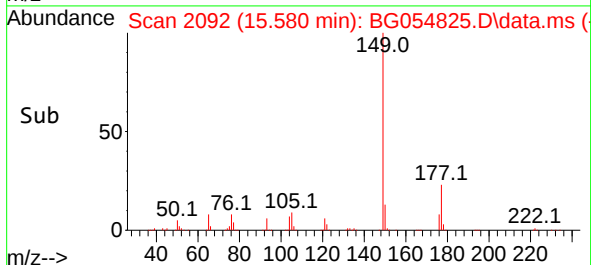
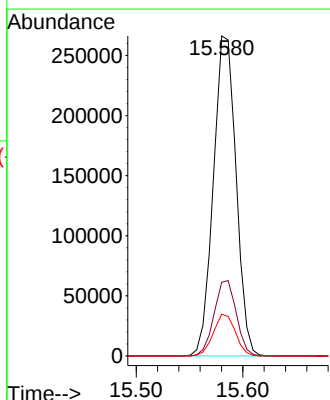
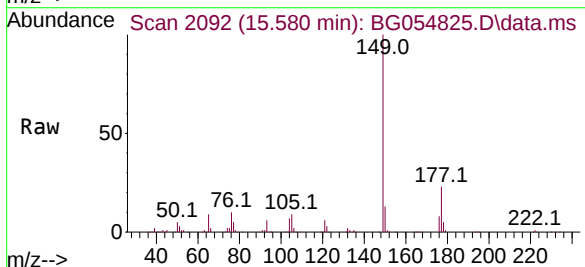
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

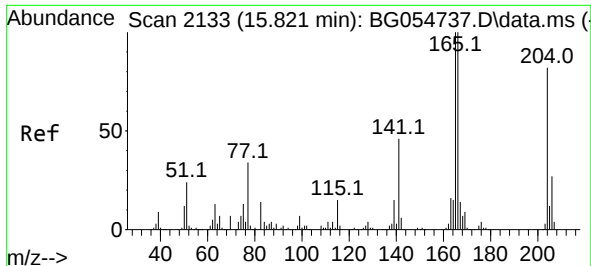
Tgt Ion:232 Resp: 106983
Ion Ratio Lower Upper
232 100
131 39.4 31.3 46.9
130 2.1 1.8 2.6
166 29.2 23.1 34.7



#60
Diethylphthalate
Concen: 42.298 ng
RT: 15.580 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:149 Resp: 393455
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.6
150 13.0 10.1 15.1

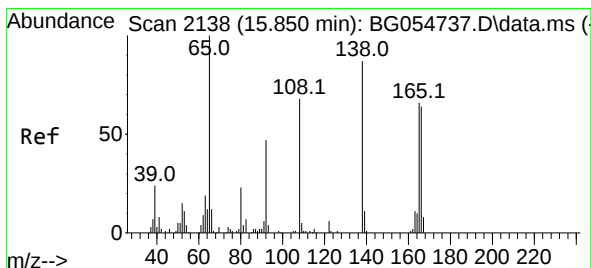
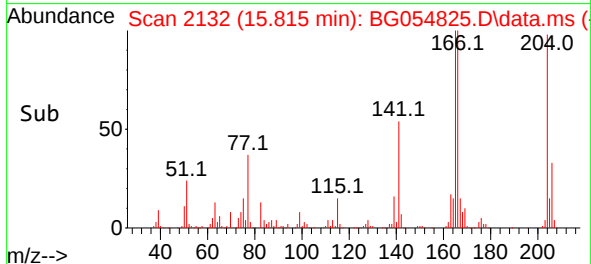
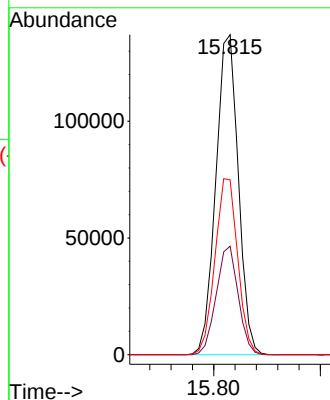
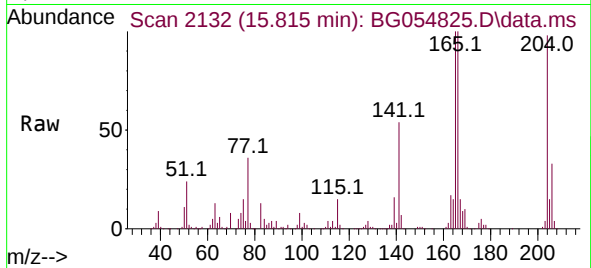




#61
4-Chlorophenyl-phenylether
Concen: 45.449 ng
RT: 15.815 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

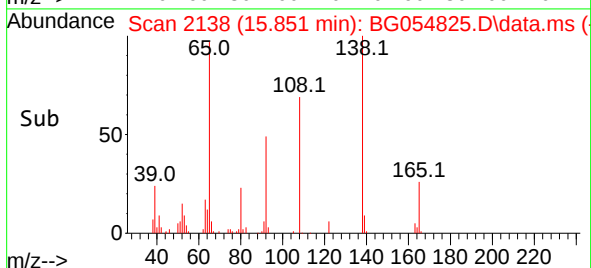
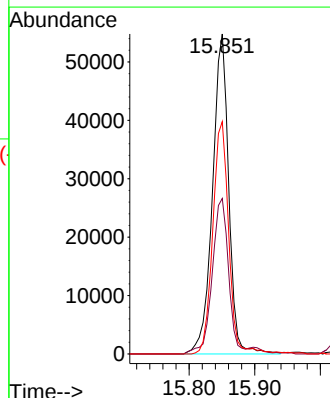
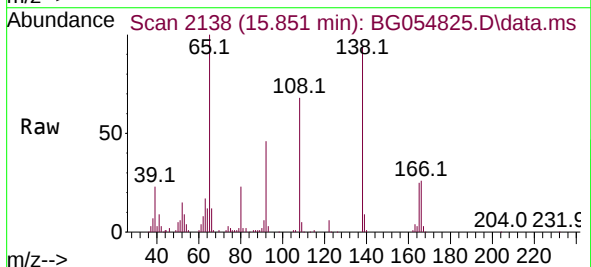
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

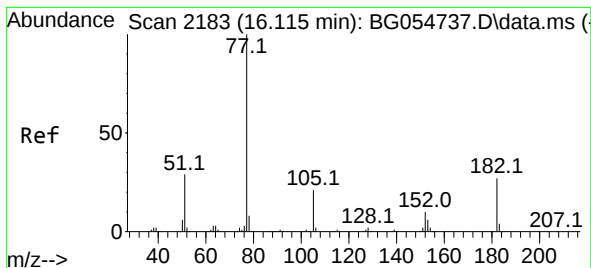
Tgt Ion:204 Resp: 200621
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 54.6 44.9 67.3



#62
4-Nitroaniline
Concen: 43.208 ng
RT: 15.851 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:138 Resp: 94094
Ion Ratio Lower Upper
138 100
92 48.6 34.7 74.7
108 72.6 56.2 96.2





#63

Azobenzene

Concen: 40.395 ng

RT: 16.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

Tgt Ion: 77 Resp: 357104

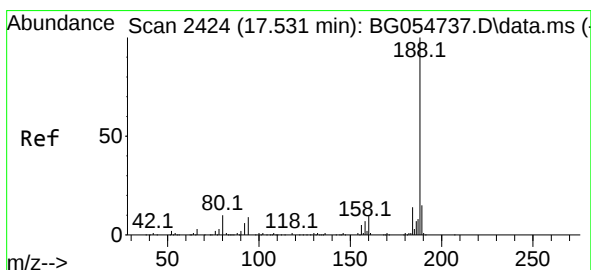
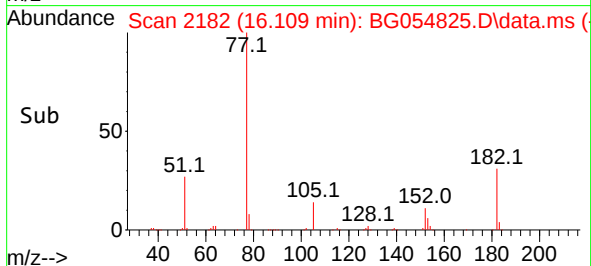
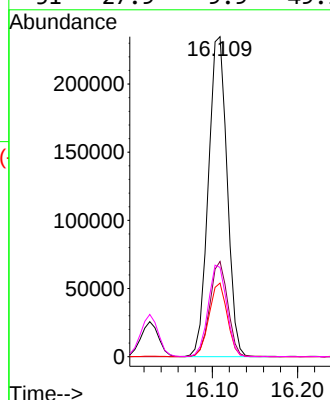
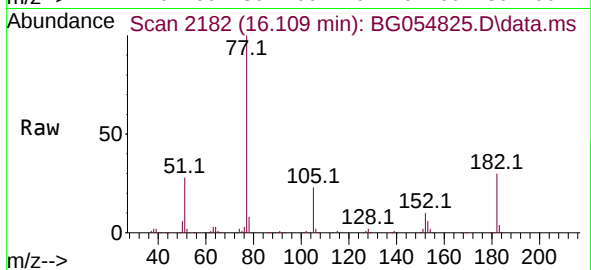
Ion Ratio Lower Upper

77 100

182 29.8 5.1 45.1

105 23.0 0.7 40.7

51 27.9 9.9 49.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.531 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

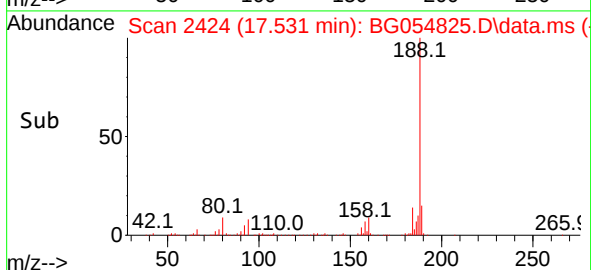
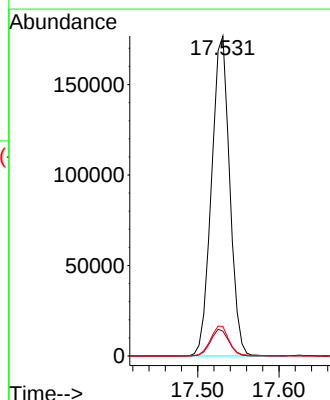
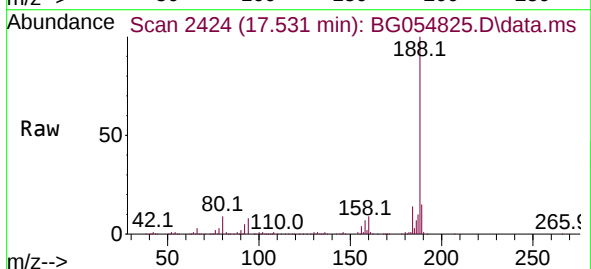
Tgt Ion:188 Resp: 274043

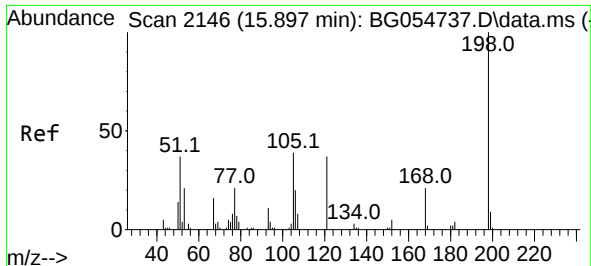
Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 9.2 7.9 11.9

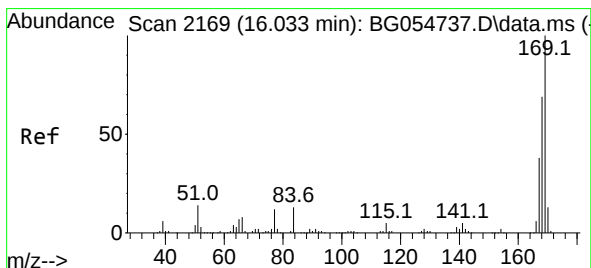
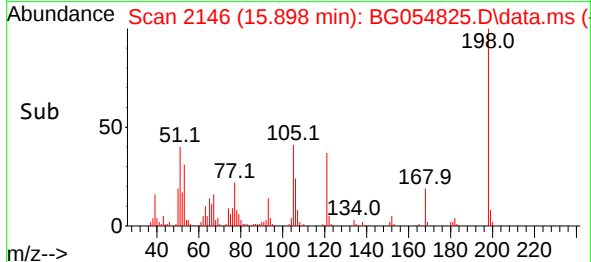
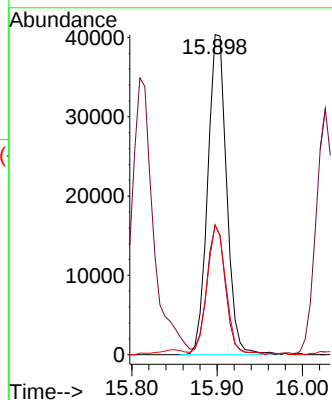
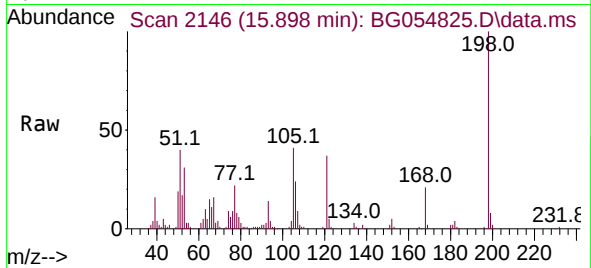




#65
4,6-Dinitro-2-methylphenol
Concen: 44.597 ng
RT: 15.898 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

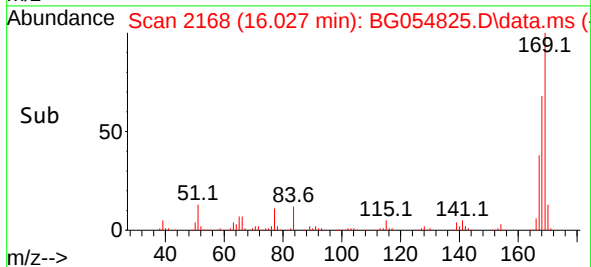
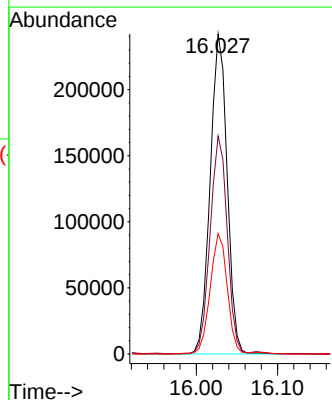
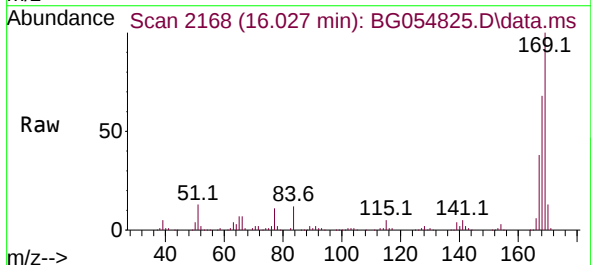
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Tgt Ion:198 Resp: 62210
Ion Ratio Lower Upper
198 100
51 40.4 19.9 59.9
105 40.6 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 44.385 ng
RT: 16.027 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:169 Resp: 350770
Ion Ratio Lower Upper
169 100
168 68.1 55.6 83.4
167 37.6 30.9 46.3

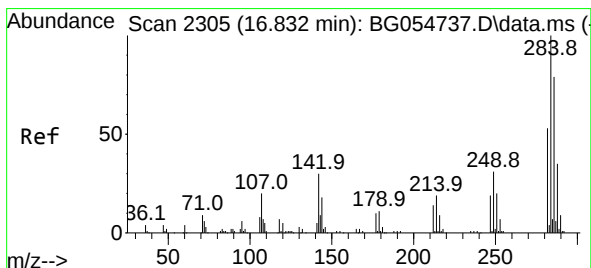
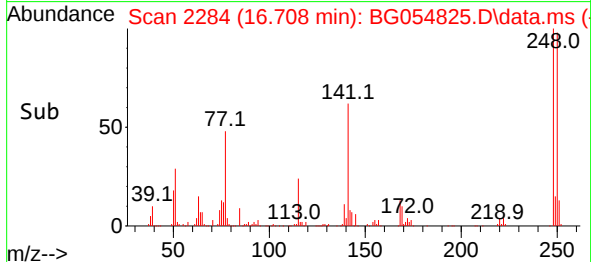
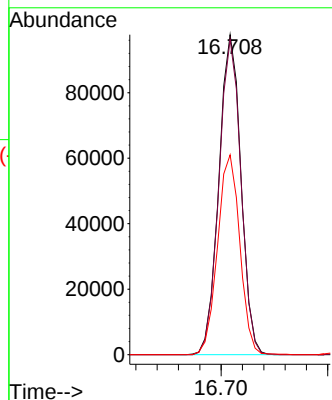
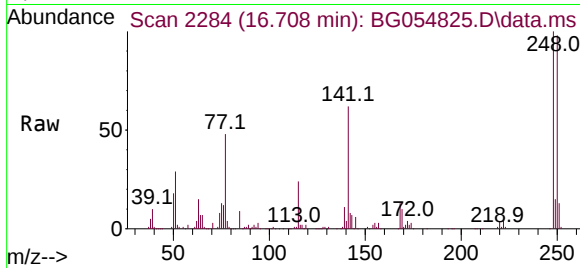




#67
4-Bromophenyl-phenylether
Concen: 46.608 ng
RT: 16.708 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

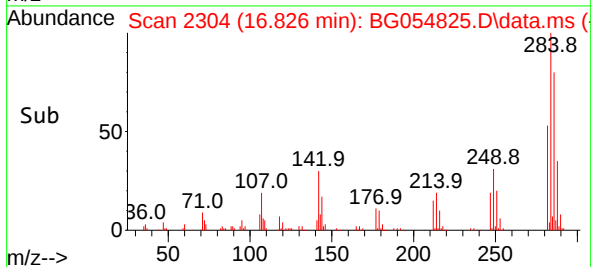
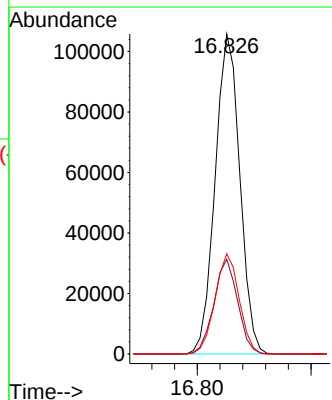
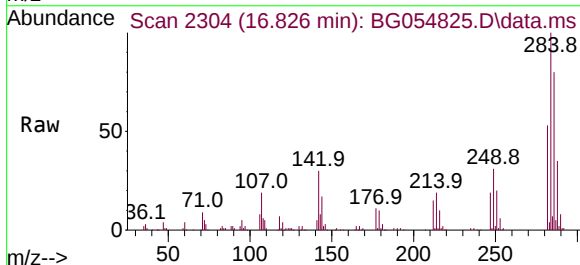
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

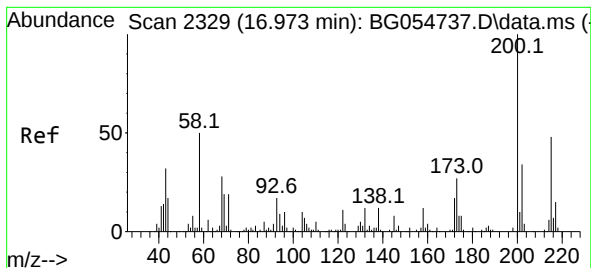
Tgt Ion:248 Resp: 140232
Ion Ratio Lower Upper
248 100
250 98.5 78.8 118.2
141 62.5 51.9 77.9



#68
Hexachlorobenzene
Concen: 47.070 ng
RT: 16.826 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:284 Resp: 159209
Ion Ratio Lower Upper
284 100
142 29.6 25.0 37.6
249 31.3 24.5 36.7





#69

Atrazine

Concen: 48.748 ng

RT: 16.973 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

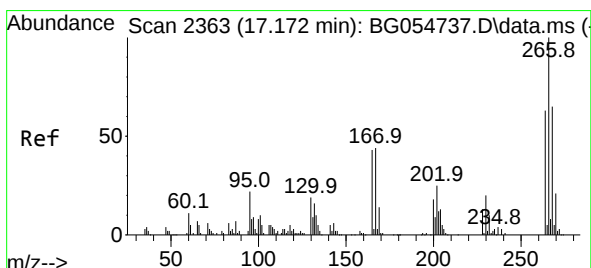
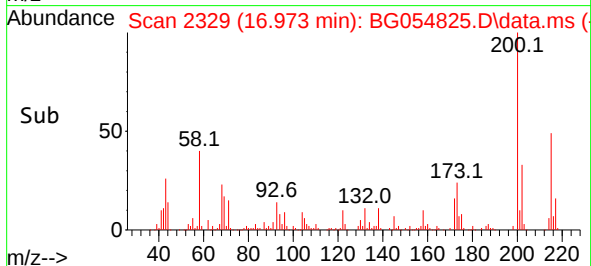
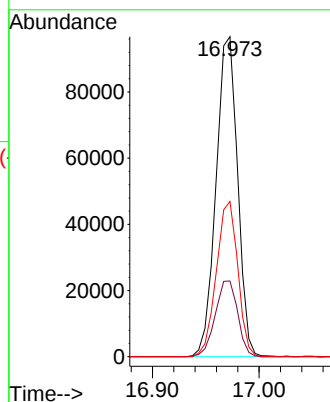
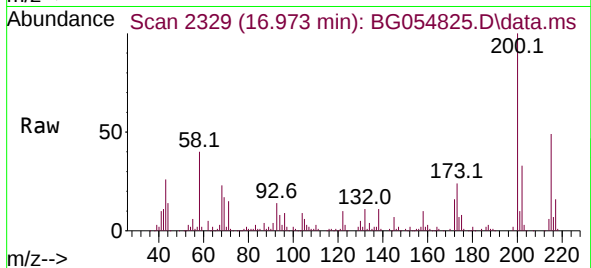
Tgt Ion:200 Resp: 135912

Ion Ratio Lower Upper

200 100

173 23.6 5.6 45.6

215 48.5 28.2 68.2



#70

Pentachlorophenol

Concen: 87.057 ng

RT: 17.172 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

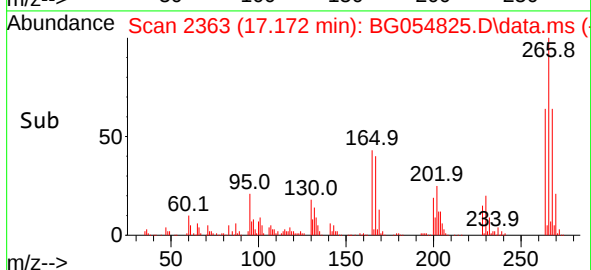
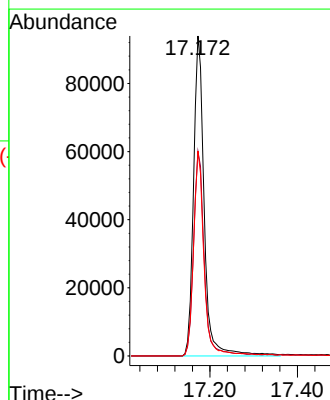
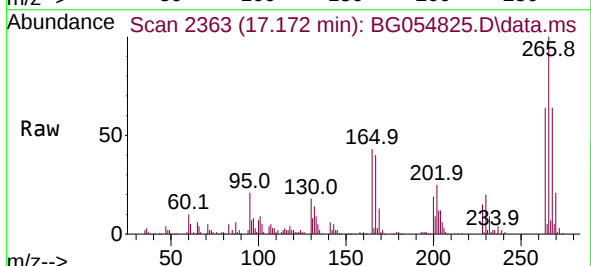
Tgt Ion:266 Resp: 159990

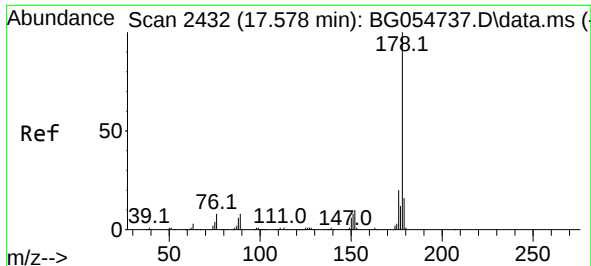
Ion Ratio Lower Upper

266 100

268 64.0 51.2 76.8

264 64.0 49.4 74.0

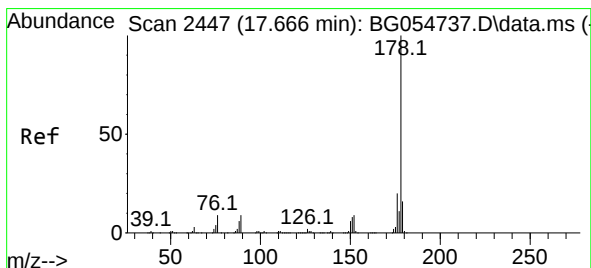
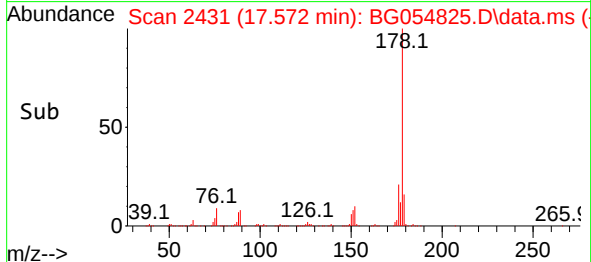
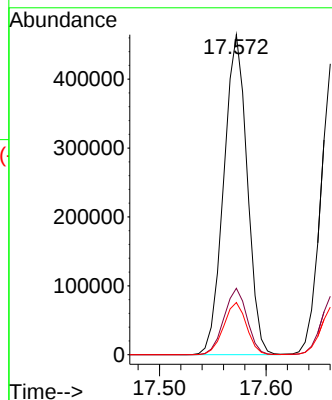
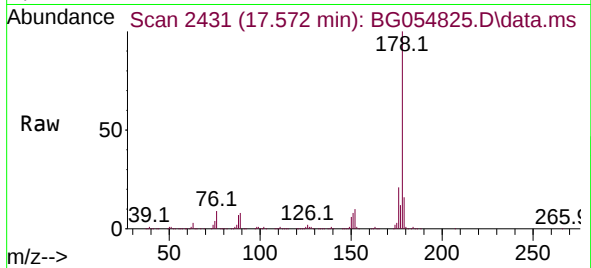




#71
Phenanthrene
Concen: 48.475 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

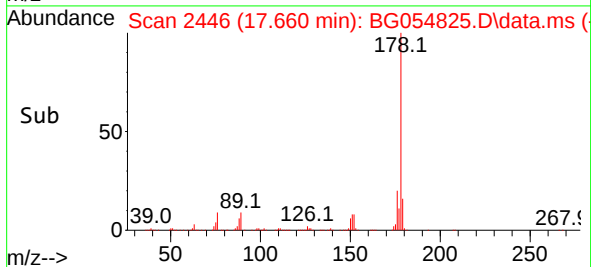
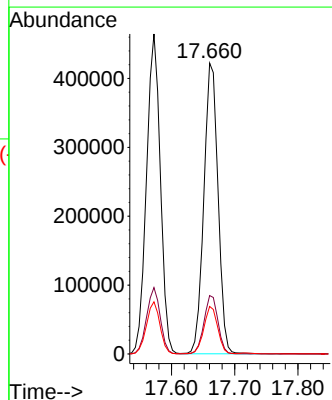
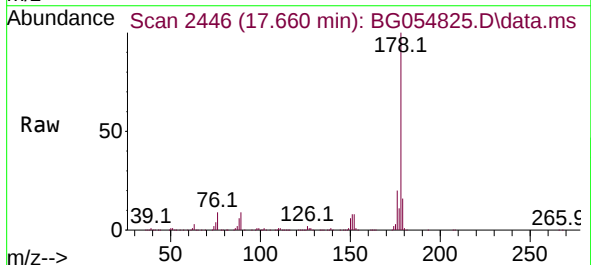
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

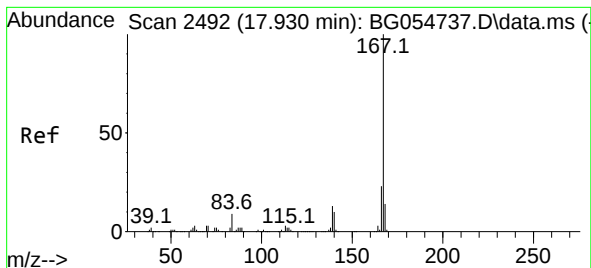
Tgt Ion:178 Resp: 707656
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.3 12.8 19.2



#72
Anthracene
Concen: 46.230 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:178 Resp: 656145
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.4 12.9 19.3





#73

Carbazole

Concen: 45.151 ng

RT: 17.930 min Scan# 2492

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

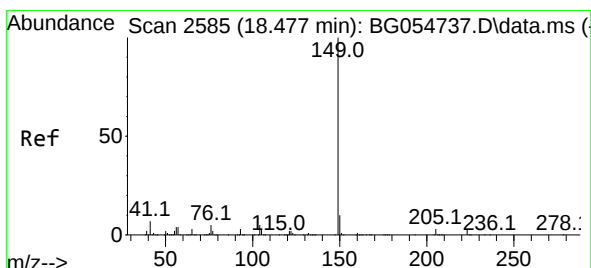
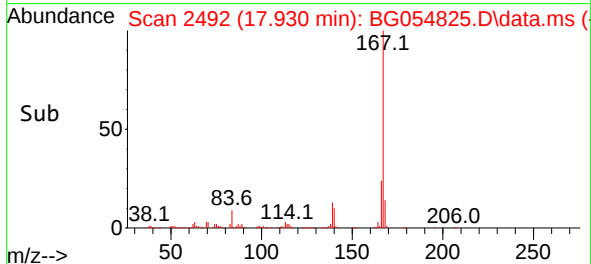
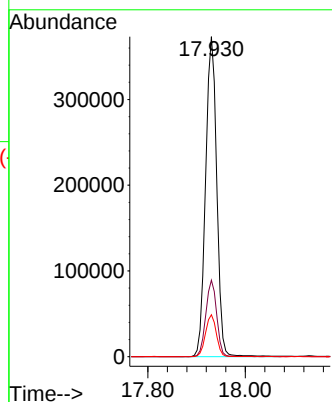
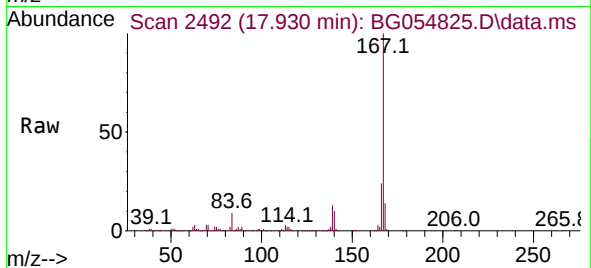
Tgt Ion:167 Resp: 590423

Ion Ratio Lower Upper

167 100

166 23.9 18.8 28.2

139 13.1 10.2 15.4



#74

Di-n-butylphthalate

Concen: 42.275 ng

RT: 18.471 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

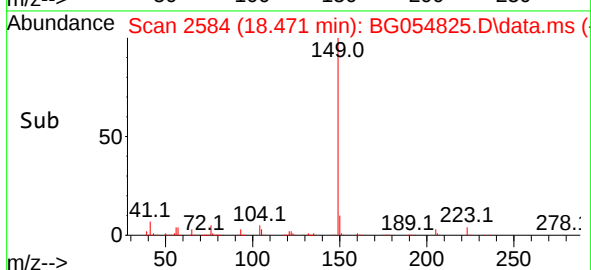
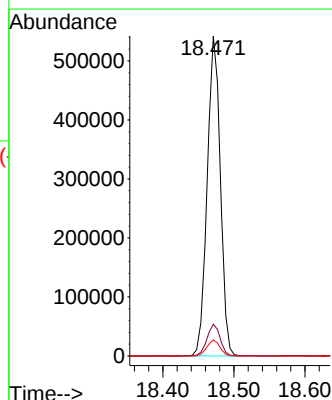
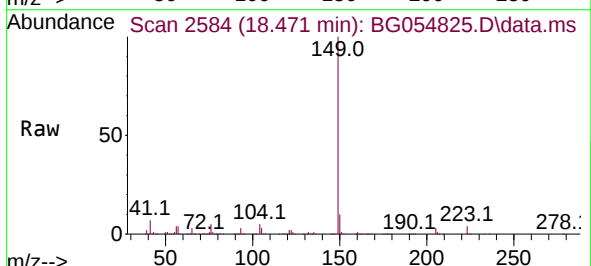
Tgt Ion:149 Resp: 699538

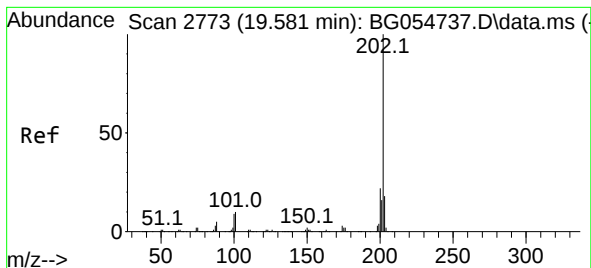
Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 53.575 ng

RT: 19.576 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

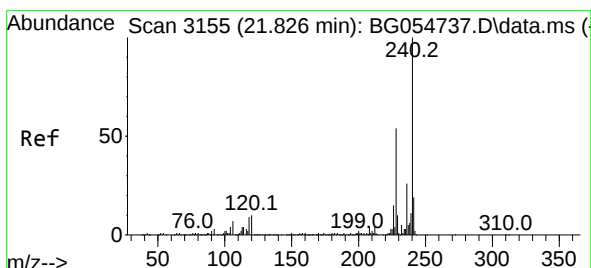
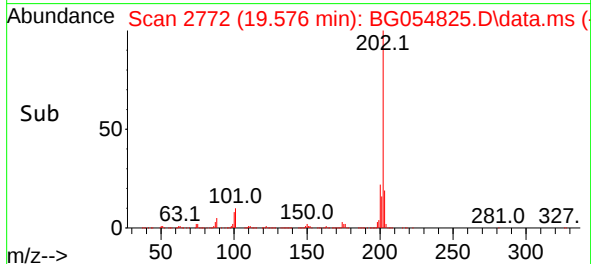
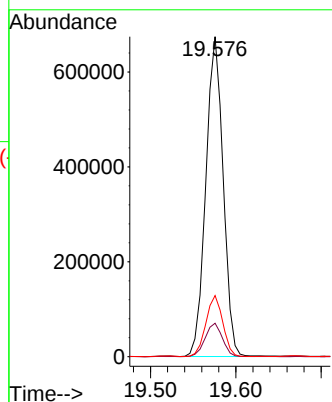
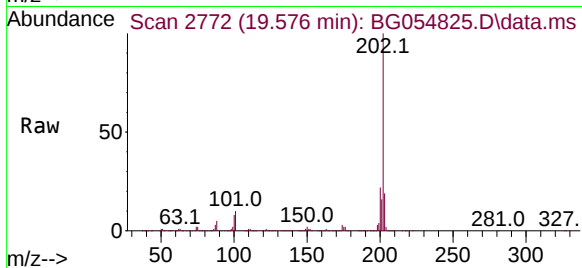
Tgt Ion:202 Resp: 951446

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

203 19.1 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.820 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

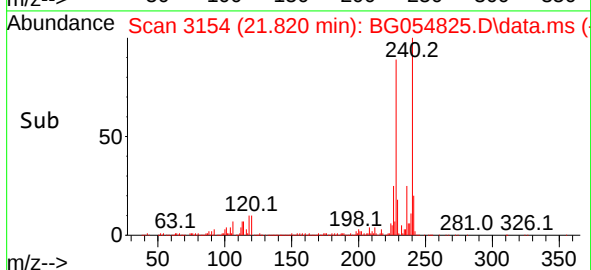
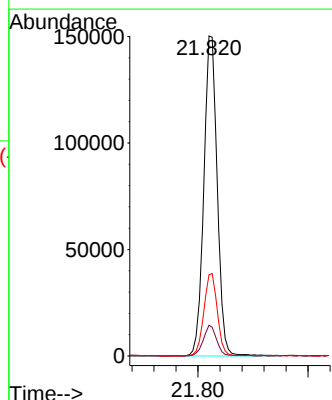
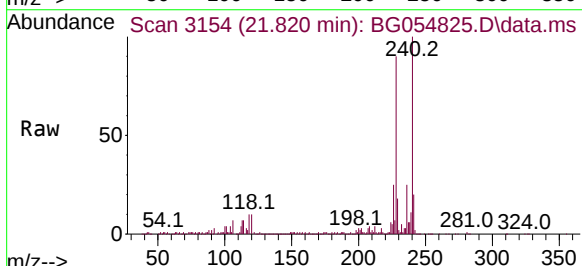
Tgt Ion:240 Resp: 254193

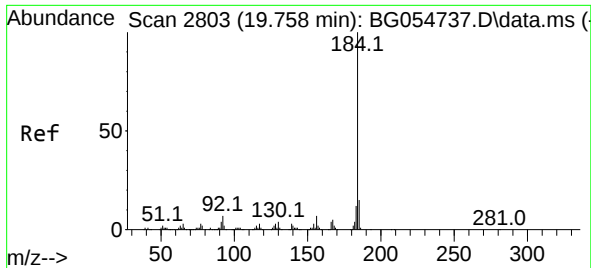
Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.4

236 25.4 21.2 31.8

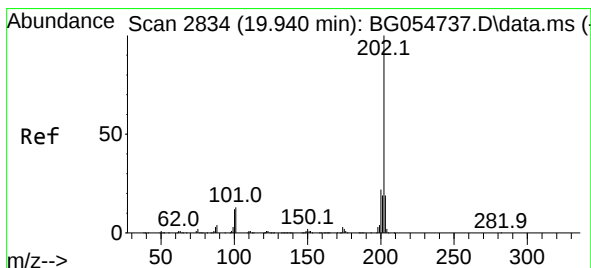
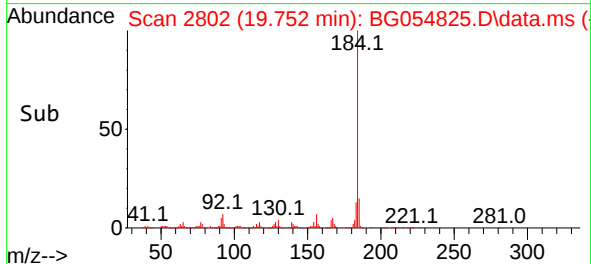
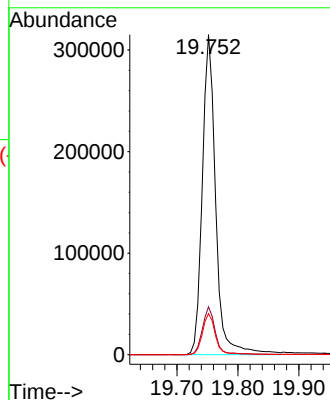
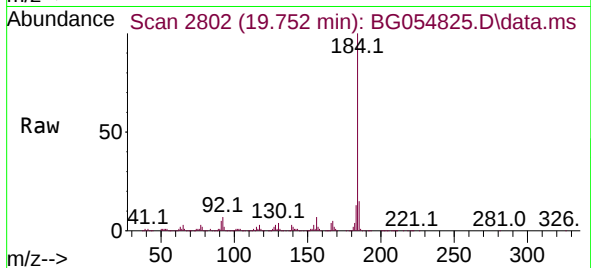




#77
Benzidine
Concen: 76.446 ng
RT: 19.752 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

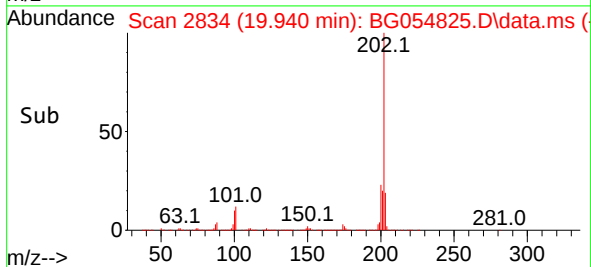
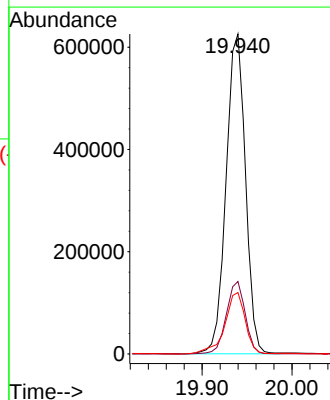
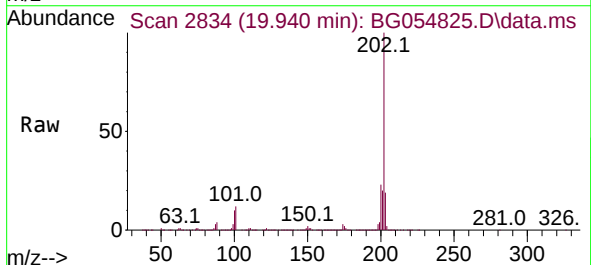
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

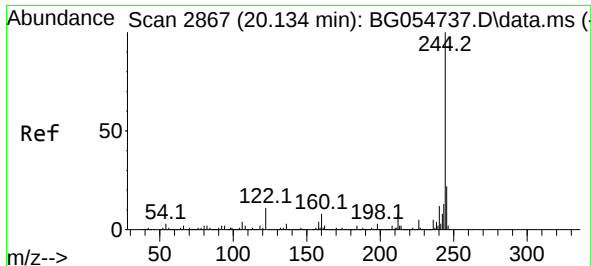
Tgt Ion:184 Resp: 481309
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.0
183 12.8 9.8 14.8



#78
Pyrene
Concen: 52.895 ng
RT: 19.940 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:202 Resp: 937550
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 19.2 14.6 21.8

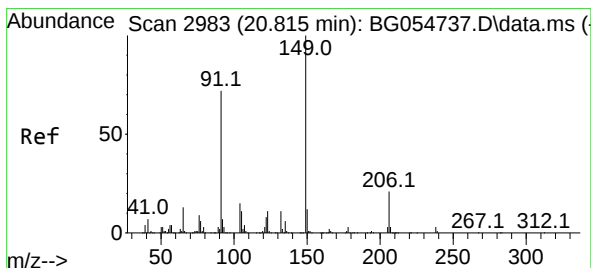
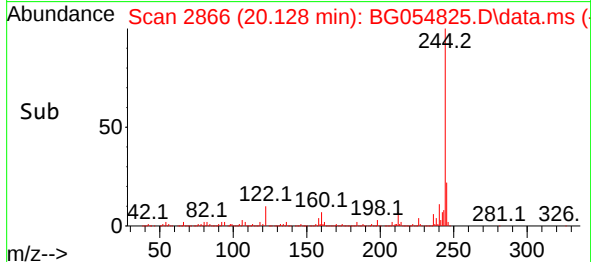
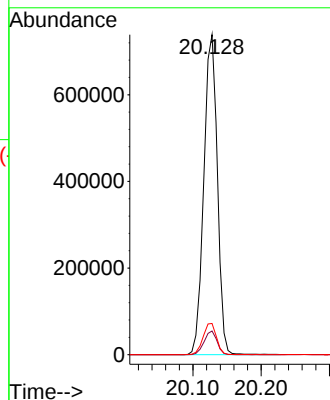
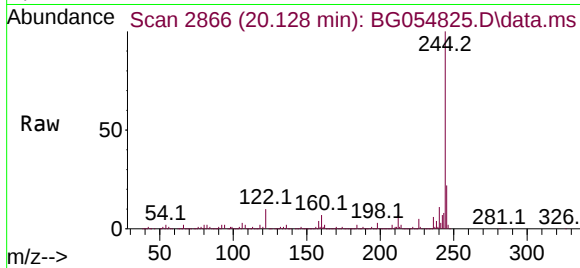




#79
 Terphenyl-d14
 Concen: 79.373 ng
 RT: 20.128 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054825.D
 Acq: 1 Sep 2022 16:55

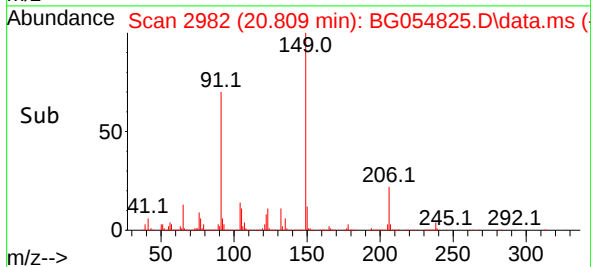
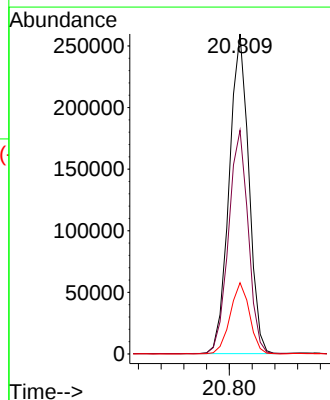
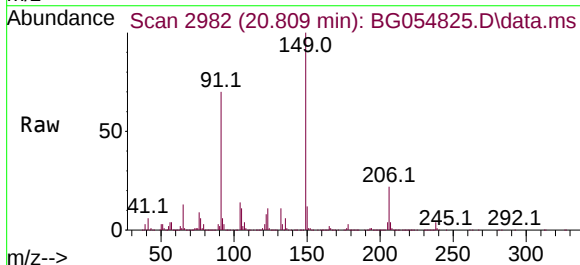
Instrument :
 BNA_G
 ClientSampleId :
 EP-4MSD

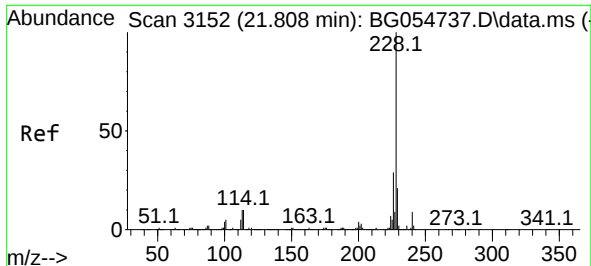
Tgt Ion:244 Resp: 1018275
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.7 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 42.039 ng
 RT: 20.809 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BG054825.D
 Acq: 1 Sep 2022 16:55

Tgt Ion:149 Resp: 310805
 Ion Ratio Lower Upper
 149 100
 91 69.9 59.5 89.3
 206 22.3 16.6 25.0

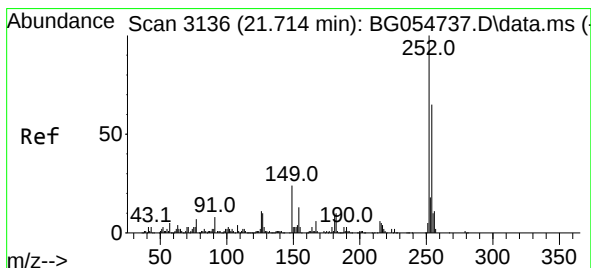
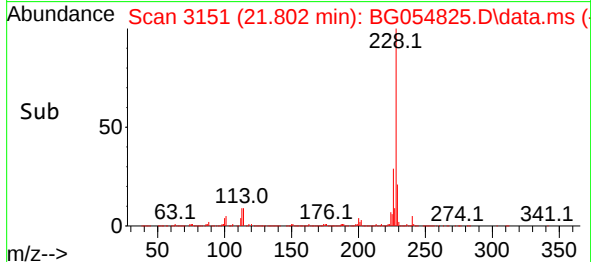
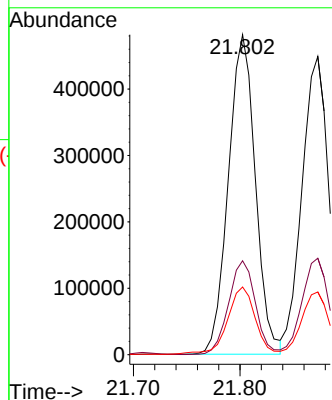
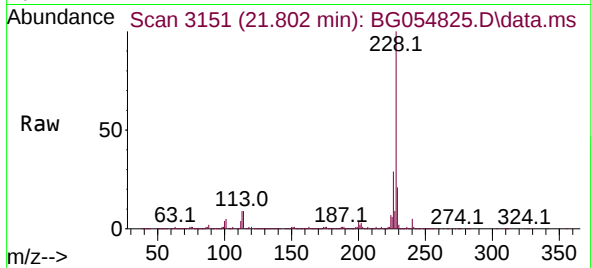




#81
Benzo(a)anthracene
Concen: 49.256 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

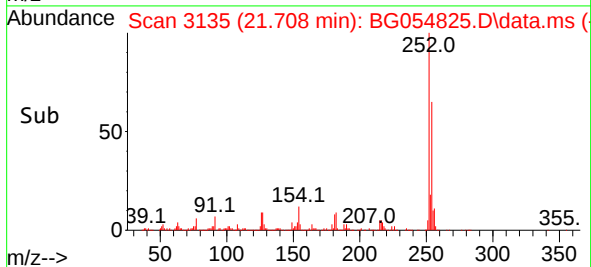
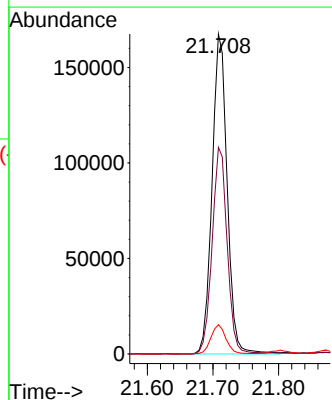
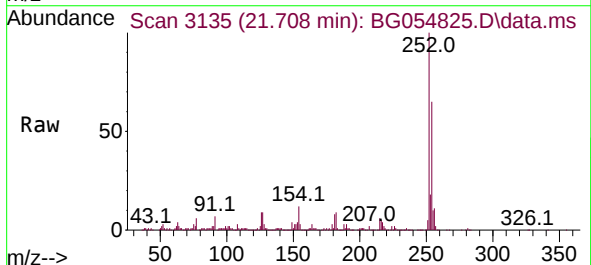
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

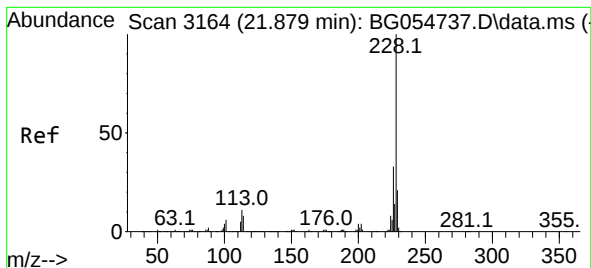
Tgt Ion:228 Resp: 848924
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.2 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 44.259 ng
RT: 21.708 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:252 Resp: 267446
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 9.2 8.2 12.2





#83

Chrysene

Concen: 47.720 ng

RT: 21.873 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

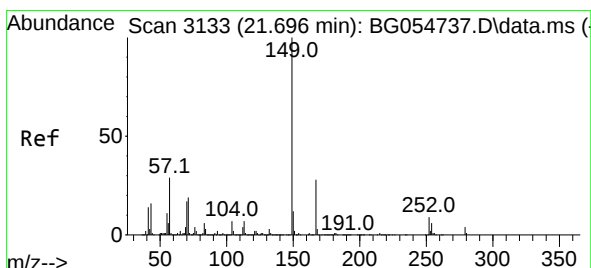
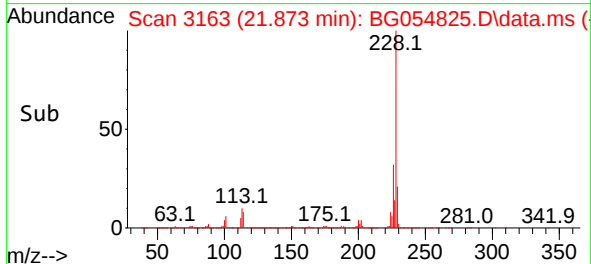
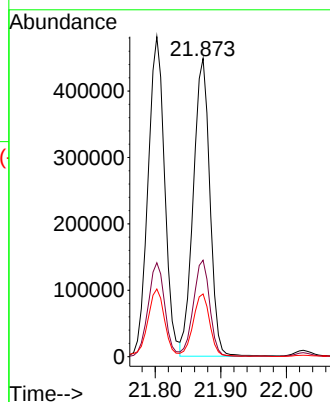
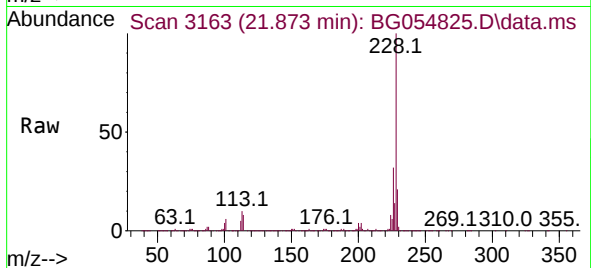
Tgt Ion:228 Resp: 786377

Ion Ratio Lower Upper

228 100

226 32.3 25.5 38.3

229 21.0 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.514 ng

RT: 21.685 min Scan# 3131

Delta R.T. -0.012 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

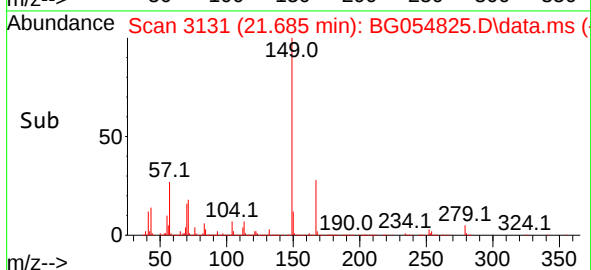
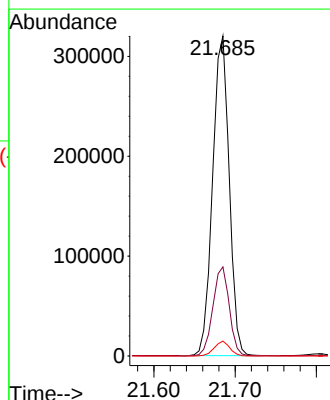
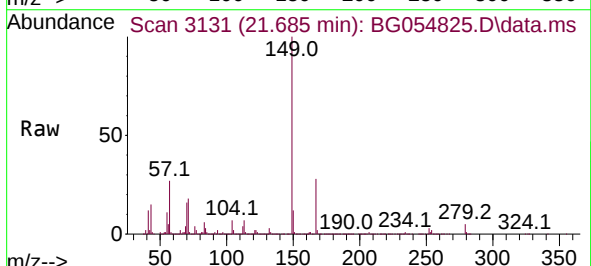
Tgt Ion:149 Resp: 452856

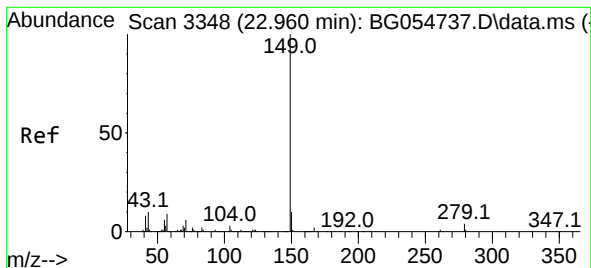
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 41.987 ng

RT: 22.942 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

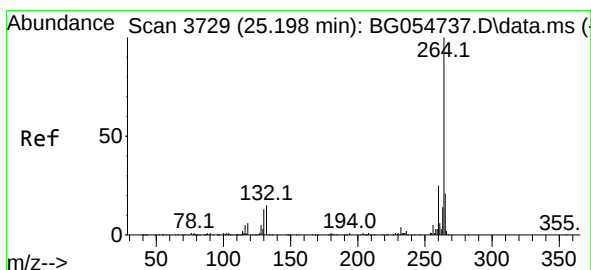
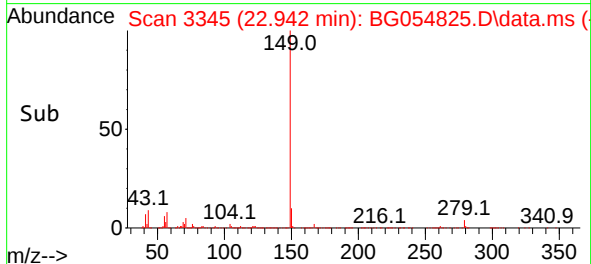
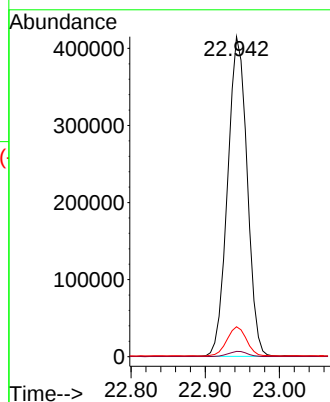
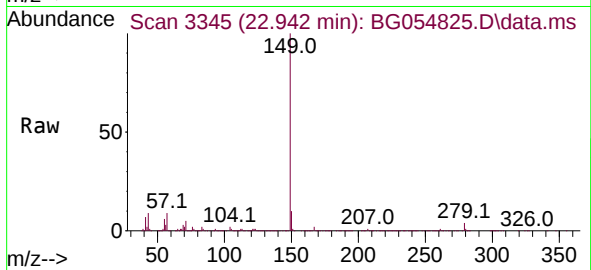
Tgt Ion:149 Resp: 758451

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: 25.192 min Scan# 3728

Delta R.T. -0.006 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

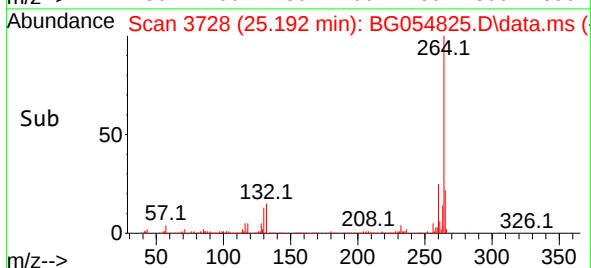
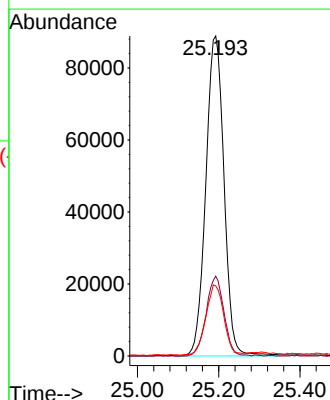
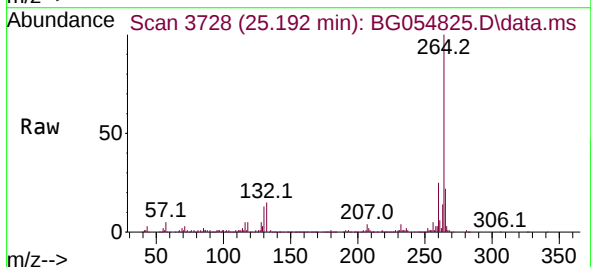
Tgt Ion:264 Resp: 275693

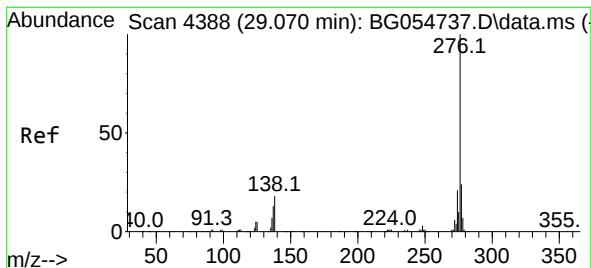
Ion Ratio Lower Upper

264 100

260 25.0 19.9 29.9

265 21.9 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.059 ng

RT: 29.070 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

Instrument :

BNA_G

ClientSampleId :

EP-4MSD

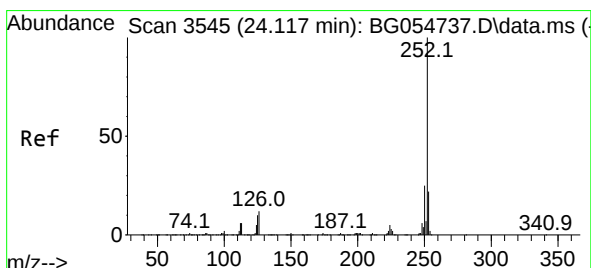
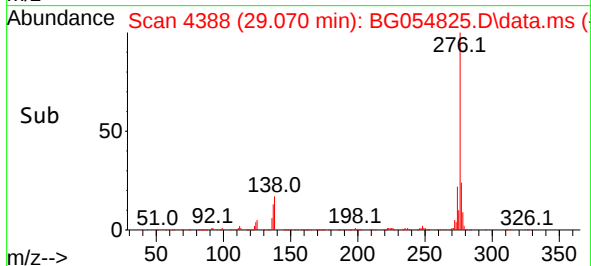
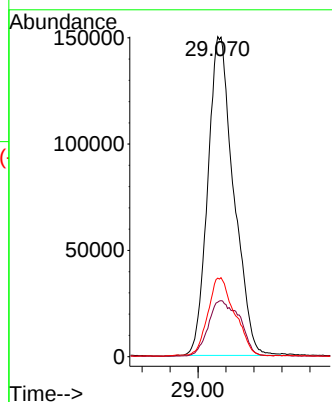
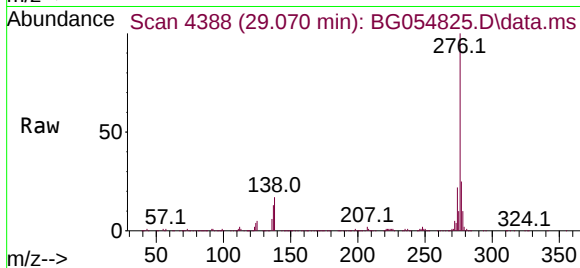
Tgt Ion:276 Resp: 964010

Ion Ratio Lower Upper

276 100

138 21.1 12.0 18.0#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.537 ng

RT: 24.117 min Scan# 3545

Delta R.T. 0.000 min

Lab File: BG054825.D

Acq: 1 Sep 2022 16:55

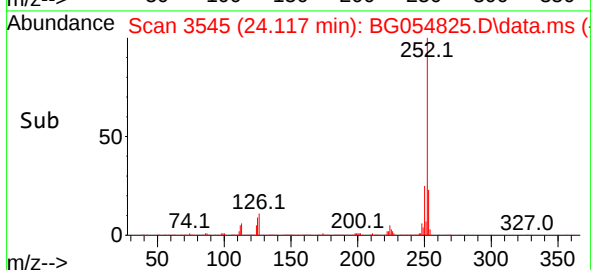
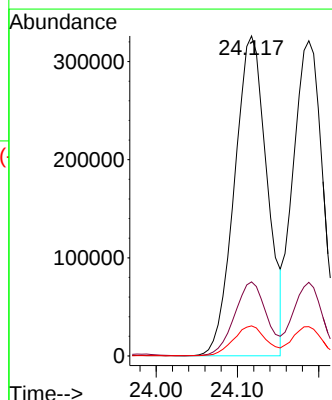
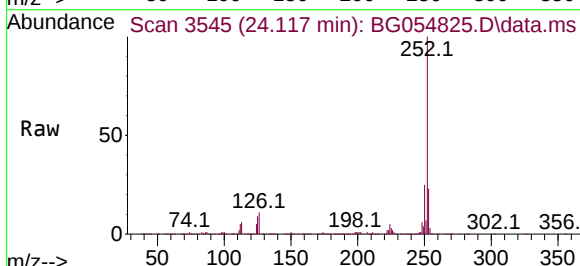
Tgt Ion:252 Resp: 908597

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 9.4 8.1 12.1

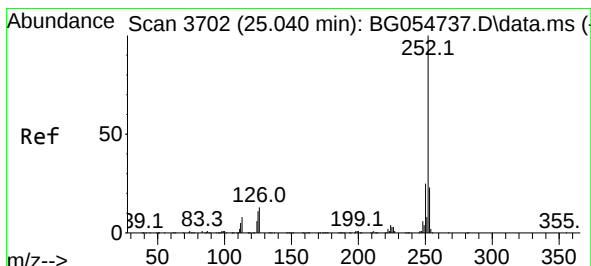
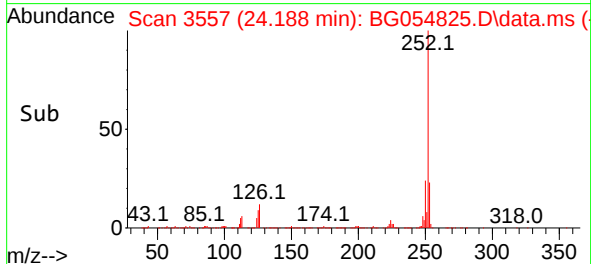
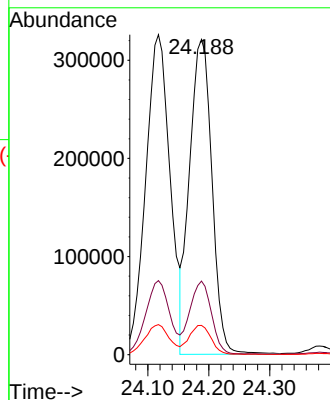
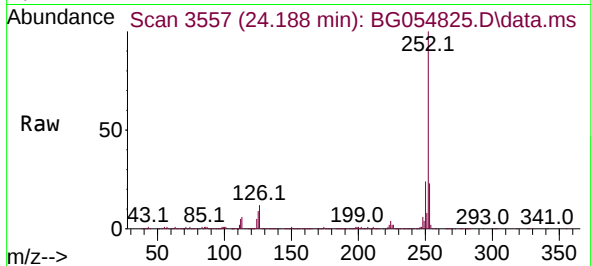




#89
Benzo(k)fluoranthene
Concen: 47.017 ng
RT: 24.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

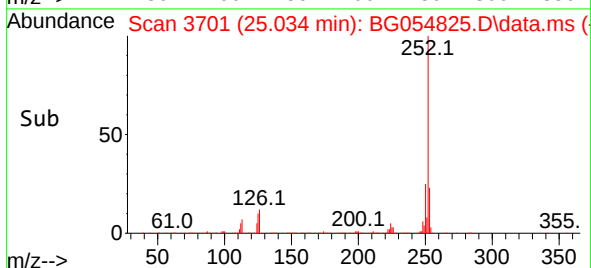
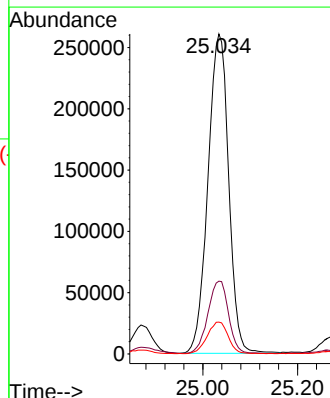
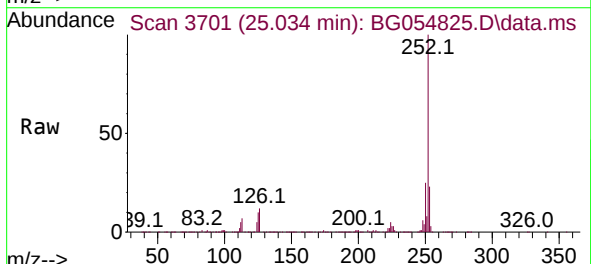
Instrument :
BNA_G
ClientSampleId :
EP-4MSD

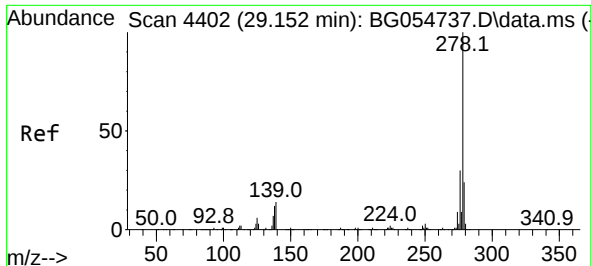
Tgt Ion:252 Resp: 818332
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 9.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 53.540 ng
RT: 25.034 min Scan# 3701
Delta R.T. -0.006 min
Lab File: BG054825.D
Acq: 1 Sep 2022 16:55

Tgt Ion:252 Resp: 791089
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 10.0 8.8 13.2

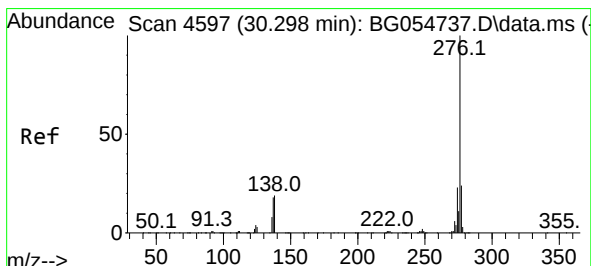
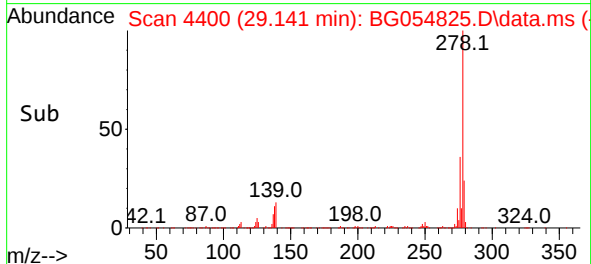
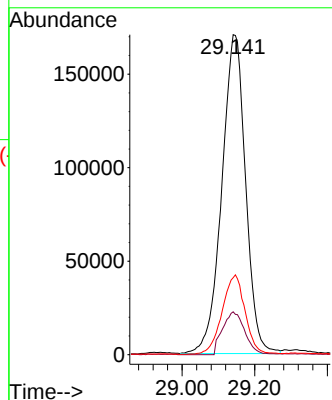
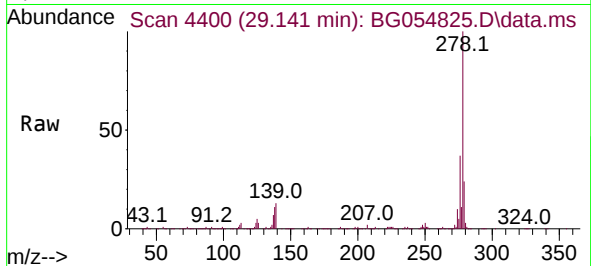




#91
 Dibenzo(a,h)anthracene
 Concen: 45.555 ng
 RT: 29.141 min Scan# 4400
 Delta R.T. -0.012 min
 Lab File: BG054825.D
 Acq: 1 Sep 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 EP-4MSD

Tgt Ion:278 Resp: 776773
 Ion Ratio Lower Upper
 278 100
 139 13.4 11.4 17.2
 279 24.1 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 49.078 ng
 RT: 30.298 min Scan# 4597
 Delta R.T. 0.000 min
 Lab File: BG054825.D
 Acq: 1 Sep 2022 16:55

Tgt Ion:276 Resp: 845413
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.4 29.0
 138 18.7 16.6 25.0

