

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013235.D
 Acq On : 22 Dec 2022 08:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 22 15:30:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 23:38:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	550016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2282420	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1337603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2384867	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2050437	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	2456915	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	107187	8.332	ng/uL	0.00
4) Pyridine-d5	3.764	84	801503	21.934	ng/ul	0.00
7) Phenol-d5	7.105	99	932340	20.811	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	599698	22.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	737083	20.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	734389	20.006	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	356671	21.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	400256	21.201	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	764999	20.861	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	955437	18.456	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1993562	19.392	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2374117	21.017	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	279004	15.088	ng/ul	0.00
60) Fluorene-d10	15.581	176	1706426	19.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	255084	16.621	ng/ul	0.00
73) Anthracene-d10	17.445	188	2263745	21.040	ng/ul	0.00
81) Pyrene-d10	19.674	212	2248325	19.103	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	2496211	20.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	112957	8.412	ng/uL	96
5) Pyridine	3.781	79	796147	21.922	ng/ul	94
6) Benzaldehyde	7.087	77	369493	21.063	ng/ul	95
8) Phenol	7.134	94	958352	21.157	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.369	93	785087	21.117	ng/ul	97
12) 2-Chlorophenol	7.510	128	763762	21.118	ng/ul	96
13) 2-Methylphenol	8.393	108	712631	20.180	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1194197	23.408	ng/ul	98
16) Acetophenone	8.775	105	1197292	21.272	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.757	70	602049	21.271	ng/ul	93
18) 4-Methylphenol	8.722	108	792251	20.254	ng/ul	100
19) Hexachloroethane	9.034	117	299889	20.750	ng/ul	97
22) Nitrobenzene	9.157	77	905565	23.012	ng/ul	96
23) Isophorone	9.687	82	1607629	20.204	ng/ul	97
25) 2-Nitrophenol	9.869	139	427270	20.887	ng/ul	90
26) 2,4-Dimethylphenol	9.928	107	857085	21.474	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	1056675	20.769	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	765353	21.306	ng/ul	99
30) Naphthalene	10.810	128	2510974	21.035	ng/ul	100
32) 4-Chloroaniline	10.922	127	960720	18.753	ng/ul	99
33) Hexachlorobutadiene	11.093	225	525038	21.288	ng/ul	99
34) Caprolactam	11.704	113	173137	14.136	ng/ul	92
35) 4-Chloro-3-methylphenol	12.040	107	728465	19.872	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	1664671	20.328	ng/ul	99

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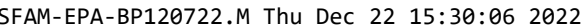
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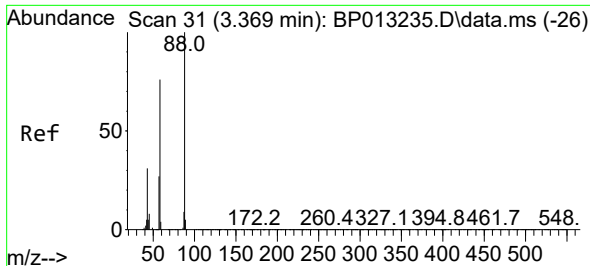
Quant Time: Dec 22 15:30:00 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	1698512	20.169	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	998855	23.191	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	412088	14.702	ng/ul	100
41) 2,4,6-Trichlorophenol	13.022	196	604278	21.831	ng/ul	100
42) 2,4,5-Trichlorophenol	13.092	196	635061	21.359	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	2215489	22.054	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1755111	22.198	ng/ul	99
45) 2-Nitroaniline	13.675	65	426347	22.241	ng/ul	95
47) Dimethylphthalate	14.045	163	2001840	19.647	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	365751	19.316	ng/ul	98
50) Acenaphthylene	14.310	152	2590136	21.328	ng/ul	100
51) 3-Nitroaniline	14.498	138	298131	16.674	ng/ul	94
52) Acenaphthene	14.651	153	1778229	21.130	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	144867	11.192	ng/ul	97
55) 4-Nitrophenol	14.798	109	211147	16.734	ng/ul	92
56) Dibenzofuran	14.986	168	2482913	20.751	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	489740	17.805	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.216	232	500724	18.454	ng/ul	96
59) Diethylphthalate	15.404	149	1798238	18.155	ng/ul	100
61) Fluorene	15.639	166	1956345	20.387	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	1034378	20.383	ng/ul	98
63) 4-Nitroaniline	15.657	138	246033	15.638	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.716	198	256723	17.118	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	1554232	23.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	583168	22.517	ng/ul	99
69) Hexachlorobenzene	16.645	284	664319	21.602	ng/ul	99
70) Atrazine	16.798	200	487009	18.901	ng/ul	98
71) Pentachlorophenol	16.992	266	342565	18.394	ng/ul	98
72) Phenanthrene	17.386	178	2651751	21.347	ng/ul	100
74) Anthracene	17.480	178	2631711	21.218	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	962204	28.279	ng/uL	99
76) Pentachlorobenzene	14.904	250	894676	25.790	ng/uL	99
77) Carbazole	17.751	167	2107279	20.174	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2233400	17.561	ng/ul	99
80) Fluoranthene	19.351	202	2614811	19.575	ng/ul	99
82) Pyrene	19.704	202	2789468	20.244	ng/ul	100
83) Butylbenzylphthalate	20.569	149	799666	15.022	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.345	252	821779	17.741	ng/ul	99
85) Benzo(a)anthracene	21.416	228	2885612	21.199	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1040069	13.851	ng/ul	100
87) Chrysene	21.468	228	2735180	21.248	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	1880411	13.661	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	3145460	20.077	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	3113811	20.043	ng/ul	99
93) Benzo(a)pyrene	23.798	252	2829241	20.740	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.498	276	3888580	22.884	ng/ul	100
95) Dibenzo(a,h)anthracene	26.515	278	3258151	23.158	ng/ul	100
96) Benzo(g,h,i)perylene	27.298	276	3171319	23.247	ng/ul	99

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

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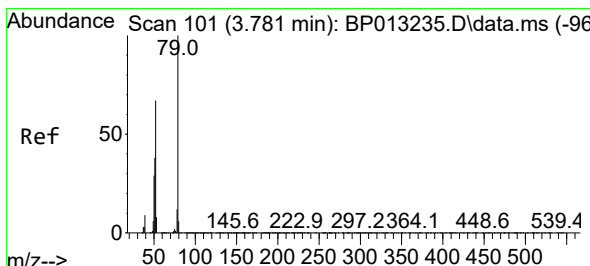
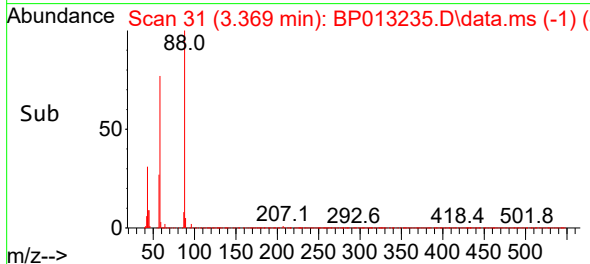
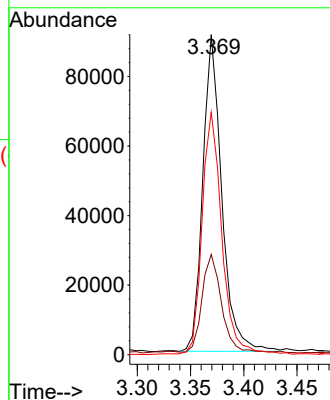
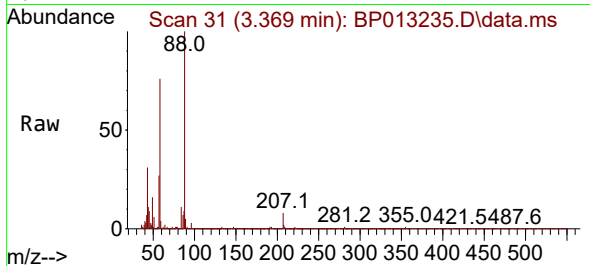




#2
1,4-Dioxane
Concen: 8.412 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP013235.D
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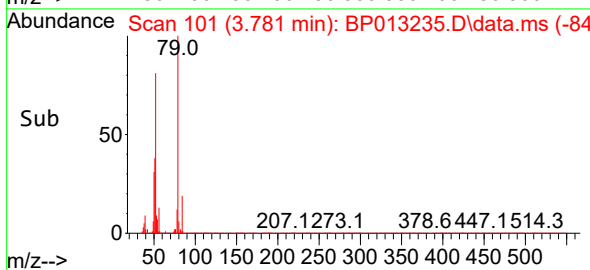
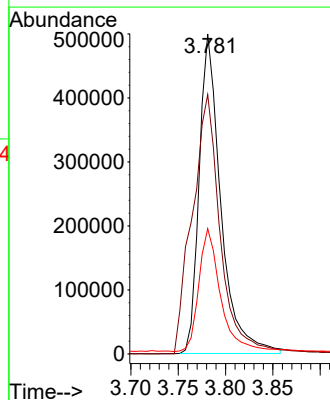
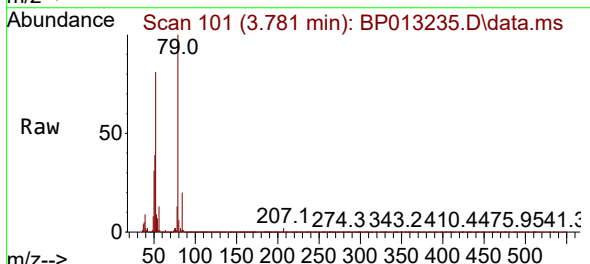
Instrument :
BNA_P
ClientSampleId :

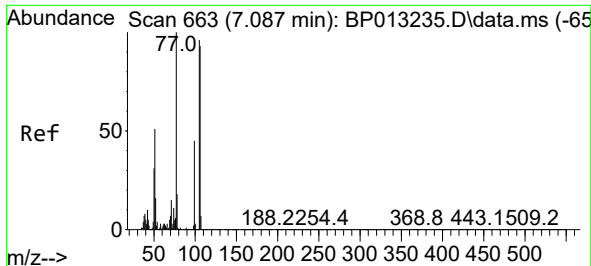
Tgt Ion: 88 Resp: 112957
Ion Ratio Lower Upper
88 100
43 31.3 22.4 33.6
58 75.8 58.2 87.4



#5
Pyridine
Concen: 21.922 ng/uL
RT: 3.781 min Scan# 101
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion: 79 Resp: 796147
Ion Ratio Lower Upper
79 100
52 81.0 60.7 91.1
51 39.2 28.9 43.3

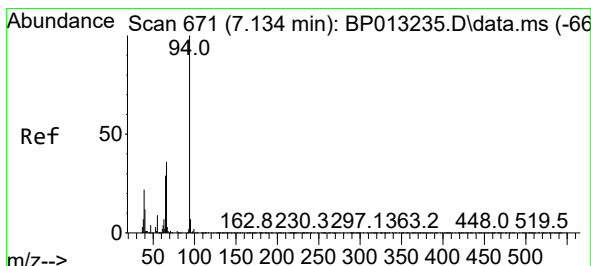
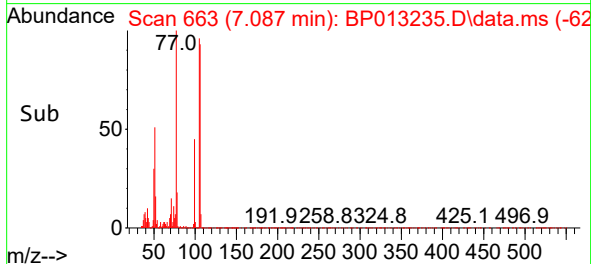
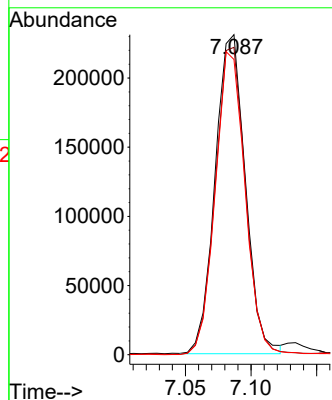
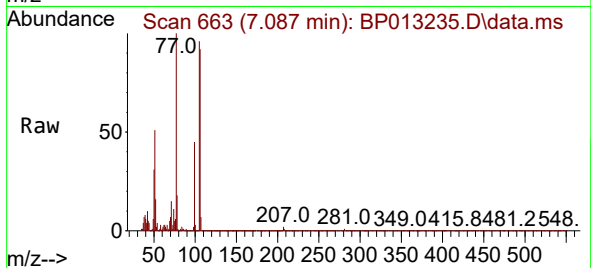




#6
Benzaldehyde
Concen: 21.063 ng/ul
RT: 7.087 min Scan# 663
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

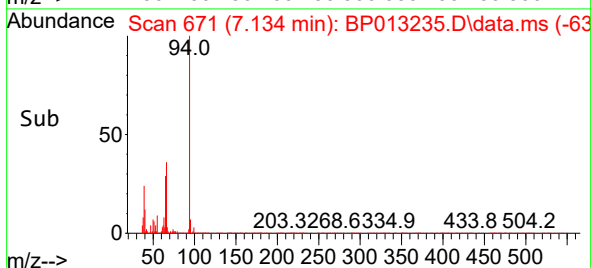
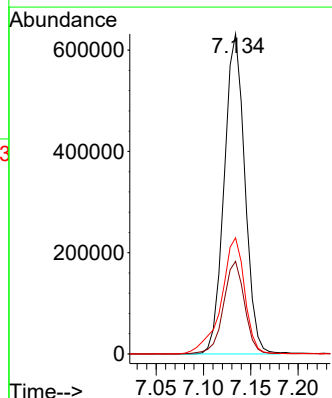
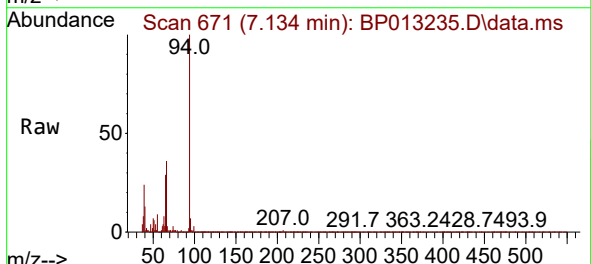
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ClientSampleId :

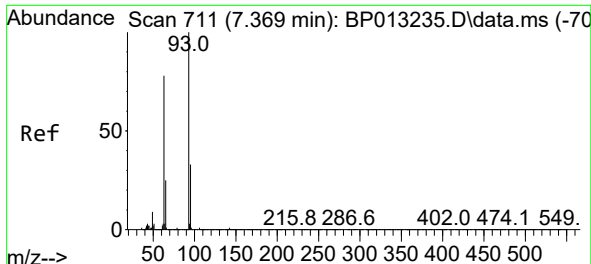
Tgt Ion: 77 Resp: 369493
Ion Ratio Lower Upper
77 100
105 96.0 81.5 122.3
106 92.2 76.9 115.3



#8
Phenol
Concen: 21.157 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion: 94 Resp: 958352
Ion Ratio Lower Upper
94 100
65 28.9 21.1 31.7
66 36.3 27.0 40.6

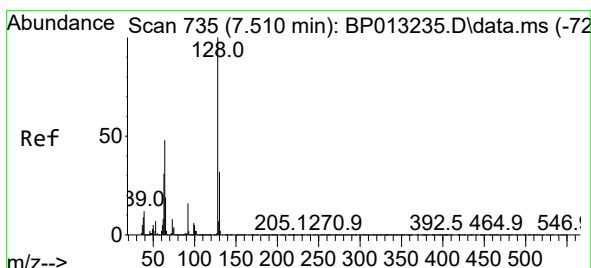
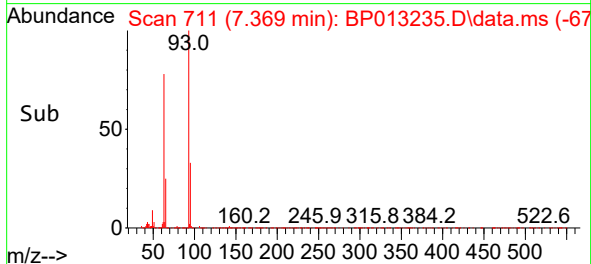
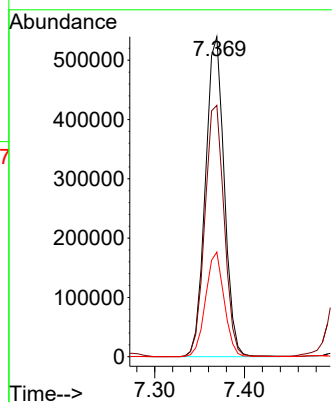
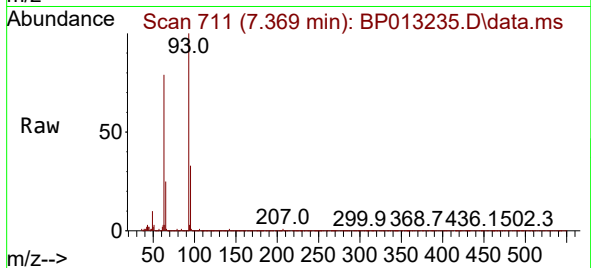




#10
Bis(2-Chloroethyl)ether
Concen: 21.117 ng/ul
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

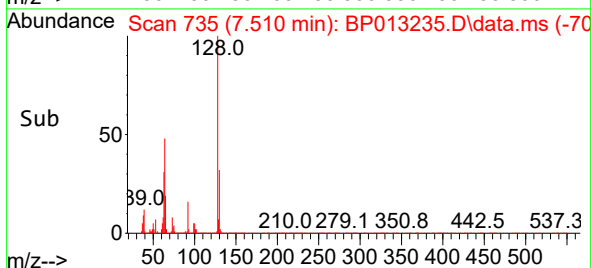
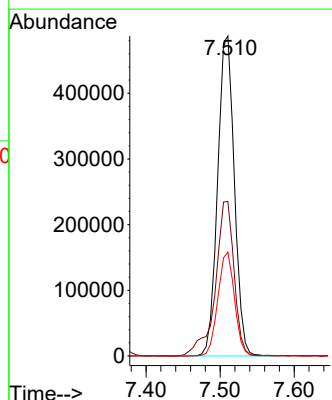
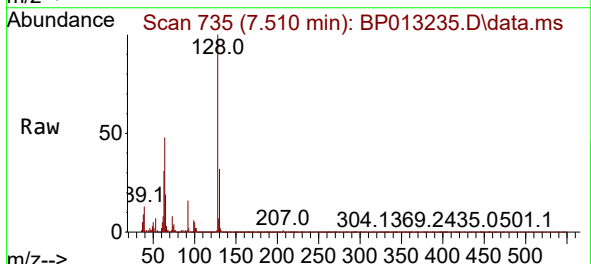
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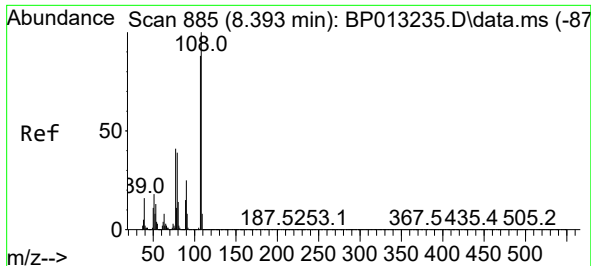
Tgt Ion: 93 Resp: 785087
Ion Ratio Lower Upper
93 100
63 78.5 59.8 89.8
95 32.7 26.4 39.6



#12
2-Chlorophenol
Concen: 21.118 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:128 Resp: 763762
Ion Ratio Lower Upper
128 100
64 48.3 34.9 52.3
130 32.5 25.8 38.6





#13

2-Methylphenol

Concen: 20.180 ng/ul

RT: 8.393 min Scan# 885

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

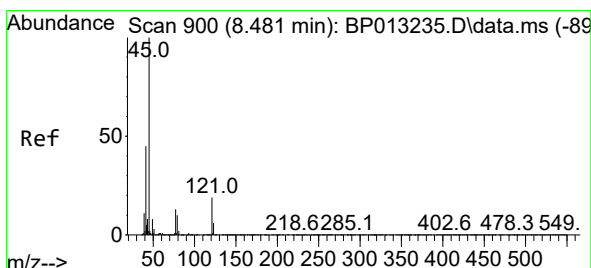
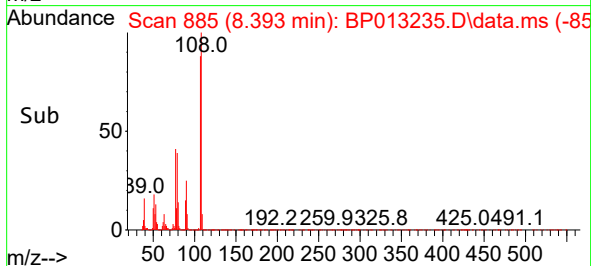
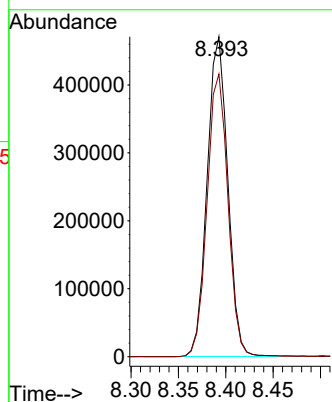
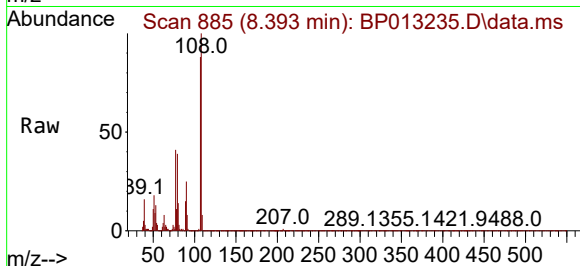
ClientSampleId :

Tgt Ion:108 Resp: 712631

Ion Ratio Lower Upper

108 100

107 88.4 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.408 ng/ul

RT: 8.481 min Scan# 900

Delta R.T. 0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

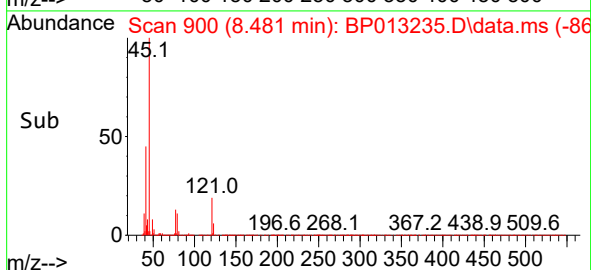
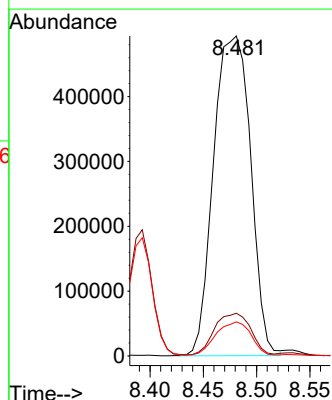
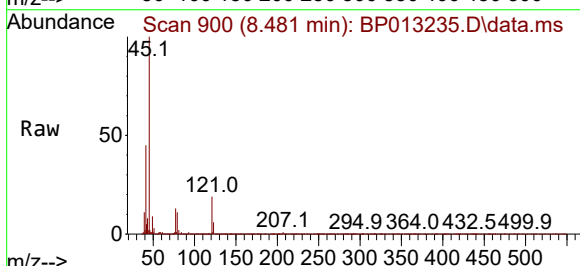
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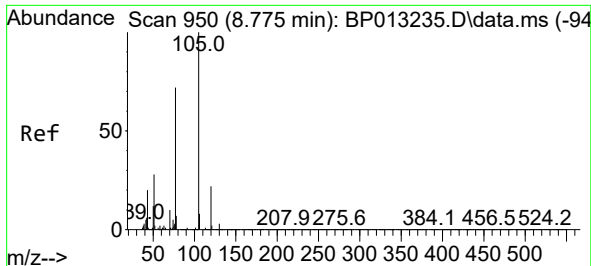
Ion Ratio Lower Upper

45 100

77 13.4 11.0 16.6

79 10.7 9.3 13.9

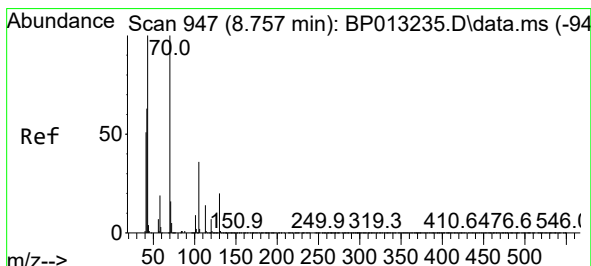
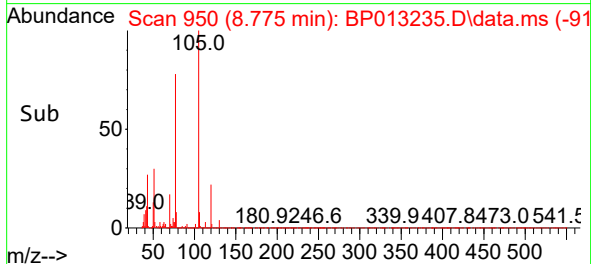
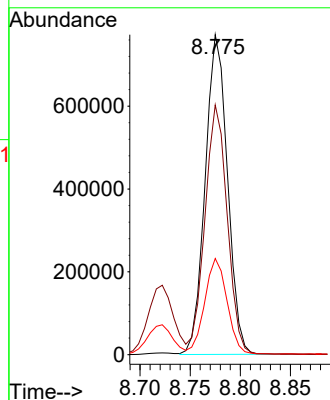
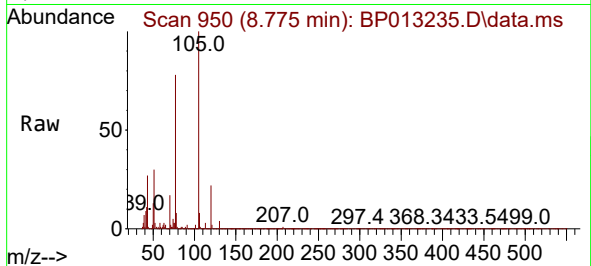




#16
Acetophenone
Concen: 21.272 ng/ul
RT: 8.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP013235.D
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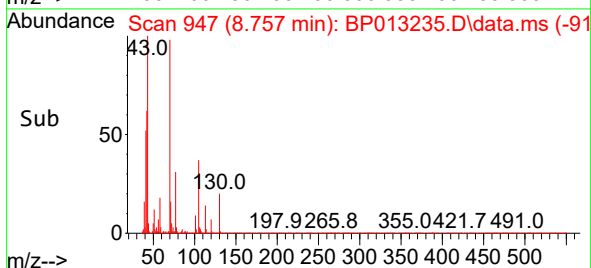
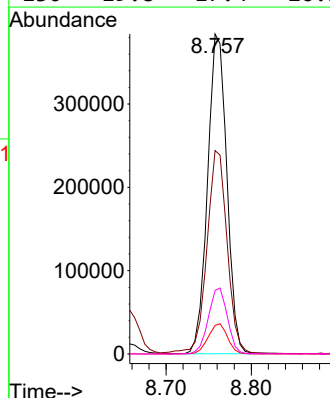
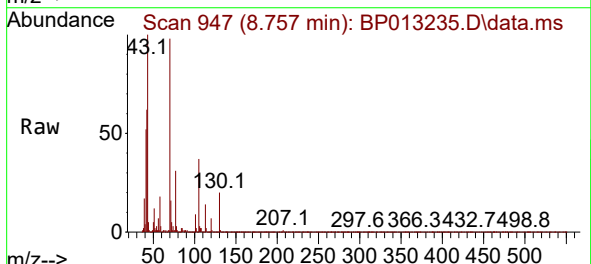
Instrument :
BNA_P
ClientSampleId :

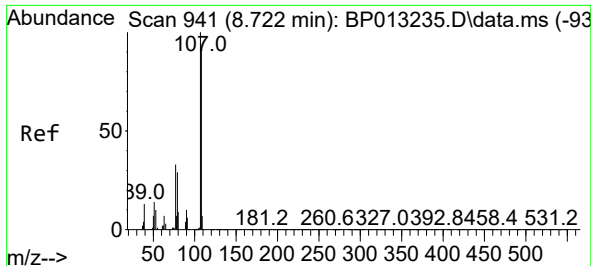
Tgt Ion:105 Resp: 1197292
Ion Ratio Lower Upper
105 100
77 78.0 59.3 88.9
51 30.0 19.6 29.4#



#17
N-Nitroso-di-n-propylamine
Concen: 21.271 ng/ul
RT: 8.757 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion: 70 Resp: 602049
Ion Ratio Lower Upper
70 100
42 63.5 45.5 68.3
101 8.9 7.9 11.9
130 19.8 17.4 26.2

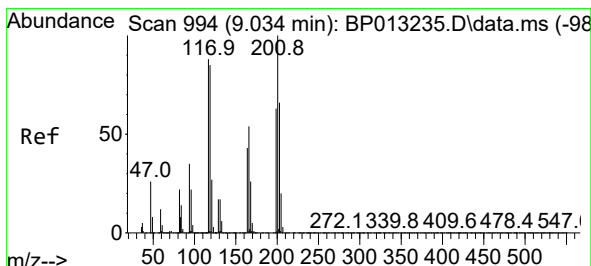
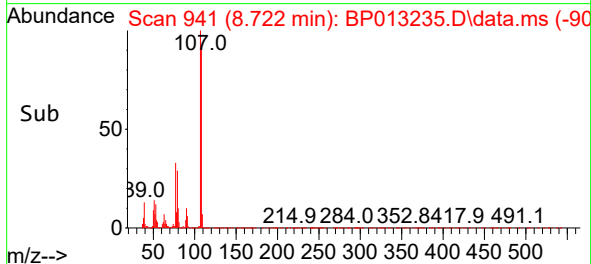
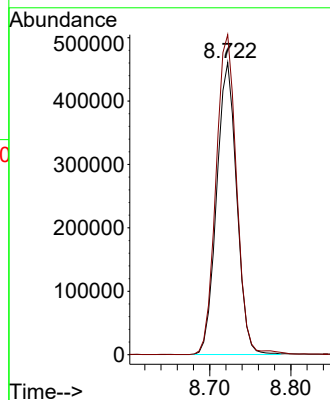
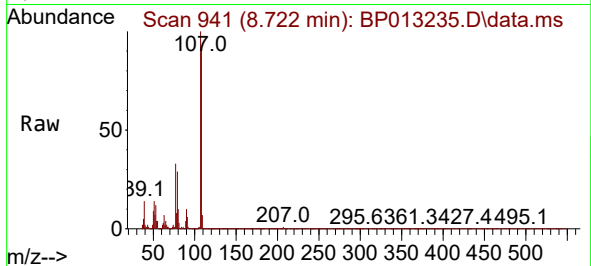




#18
4-Methylphenol
Concen: 20.254 ng/ul
RT: 8.722 min Scan# 941
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

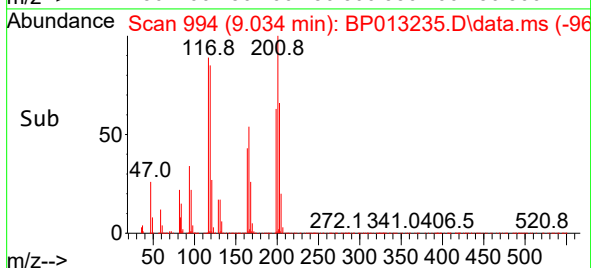
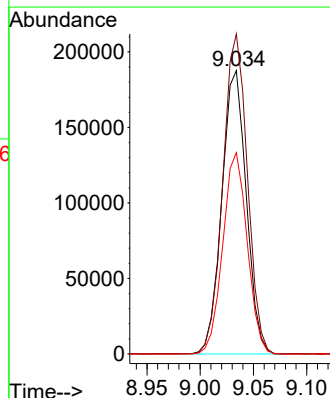
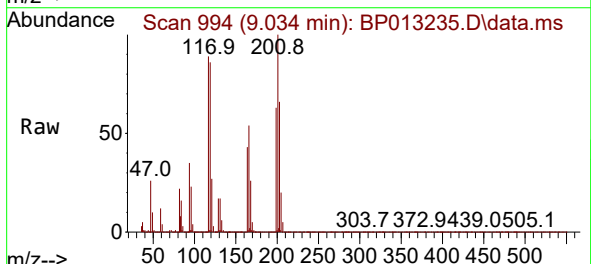
Instrument :
BNA_P
ClientSampleId :

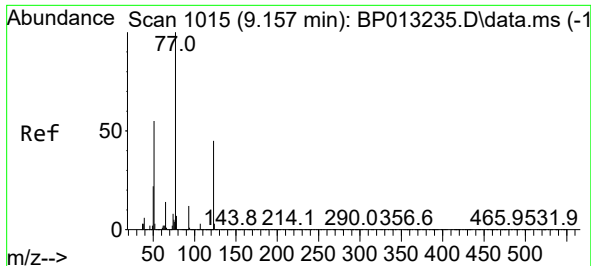
Tgt Ion:108 Resp: 792251
Ion Ratio Lower Upper
108 100
107 109.5 87.4 131.2



#19
Hexachloroethane
Concen: 20.750 ng/ul
RT: 9.034 min Scan# 994
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:117 Resp: 299889
Ion Ratio Lower Upper
117 100
201 112.9 93.7 140.5
199 71.0 58.6 88.0

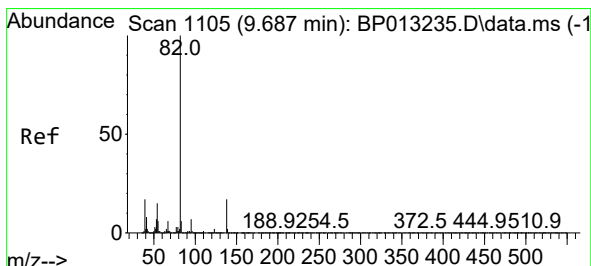
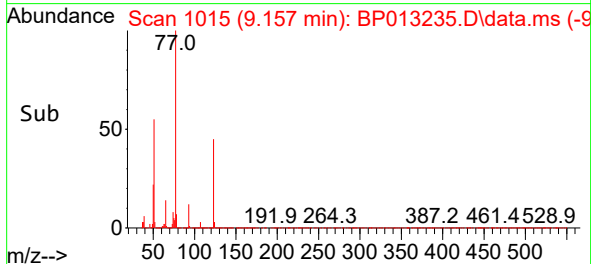
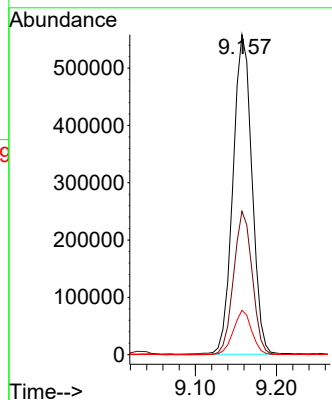
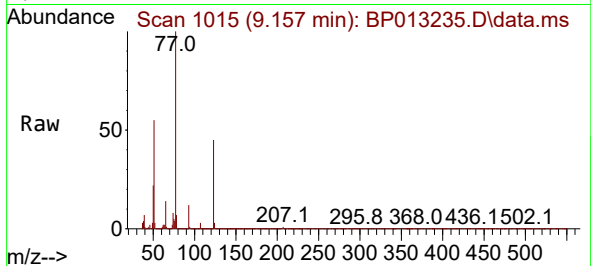




#22
Nitrobenzene
Concen: 23.012 ng/ul
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

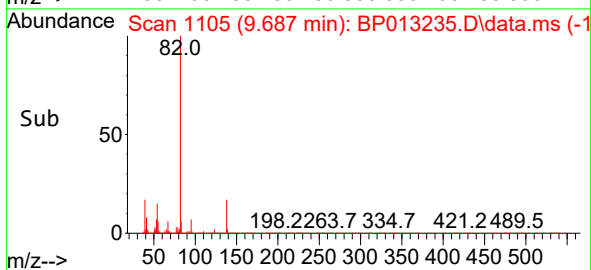
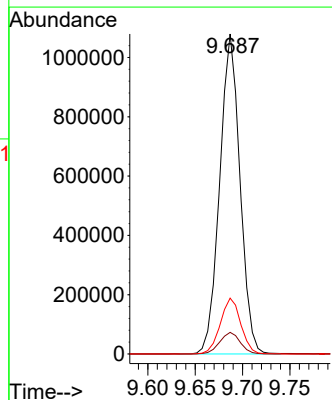
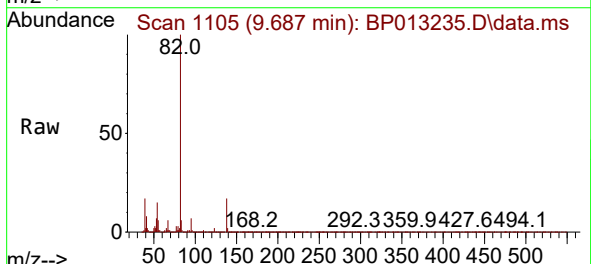
Instrument :
BNA_P
ClientSampleId :

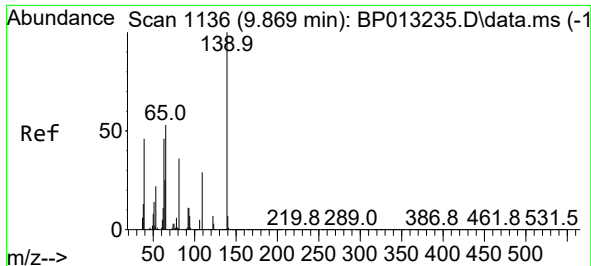
Tgt Ion: 77 Resp: 905565
Ion Ratio Lower Upper
77 100
123 44.8 38.3 57.5
65 13.9 10.3 15.5



#23
Isophorone
Concen: 20.204 ng/ul
RT: 9.687 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion: 82 Resp: 1607629
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.5 15.3 22.9

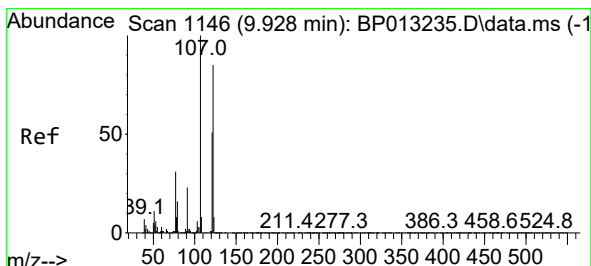
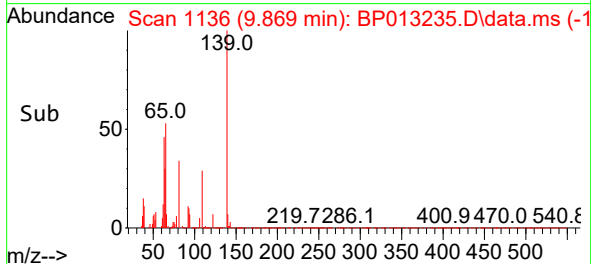
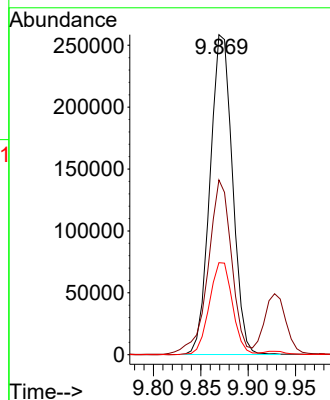
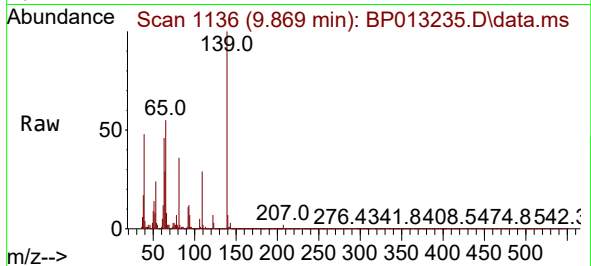




#25
2-Nitrophenol
Concen: 20.887 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

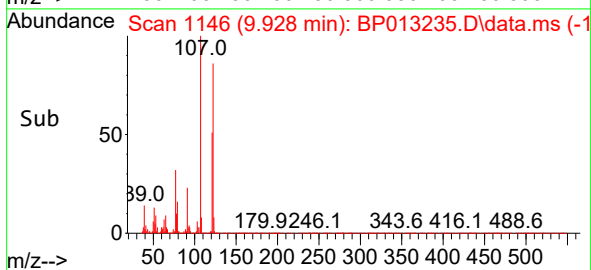
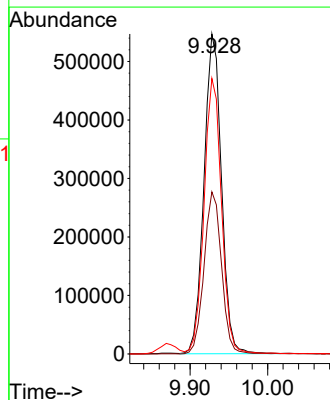
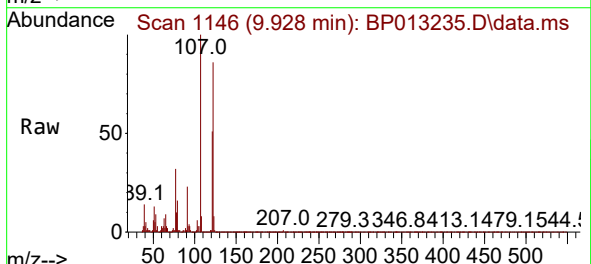
Instrument :
BNA_P
ClientSampleId :

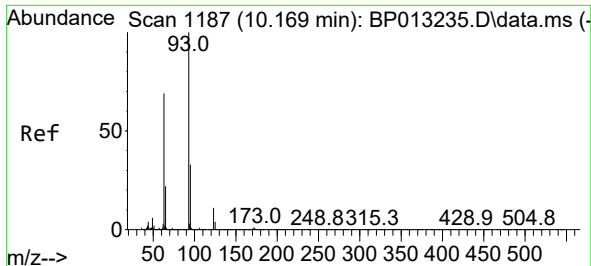
Tgt Ion:139 Resp: 427270
Ion Ratio Lower Upper
139 100
65 54.6 36.6 54.8
109 28.8 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 21.474 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:107 Resp: 857085
Ion Ratio Lower Upper
107 100
121 50.6 41.8 62.6
122 86.1 72.6 108.8

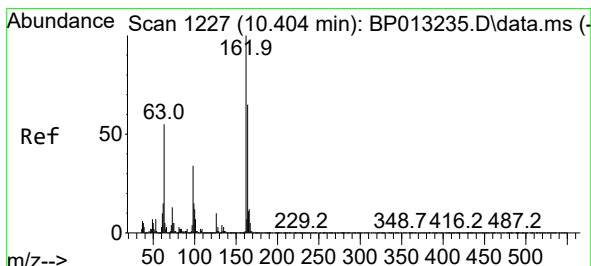
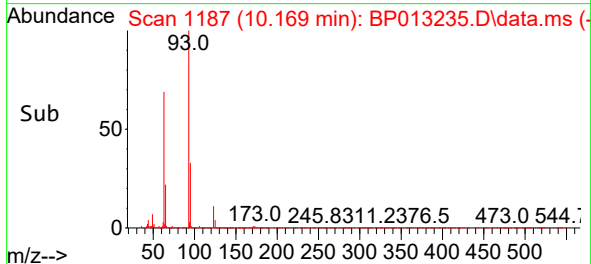
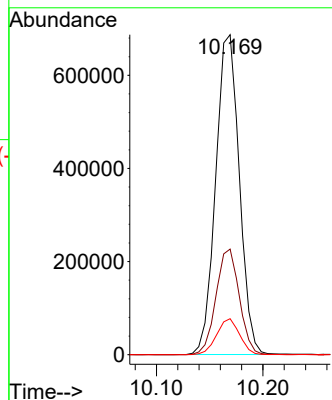
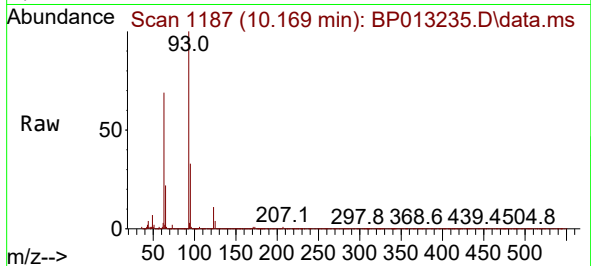




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.769 ng/ul
 RT: 10.169 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BP013235.D
 Acq: 22 Dec 2022 08:46

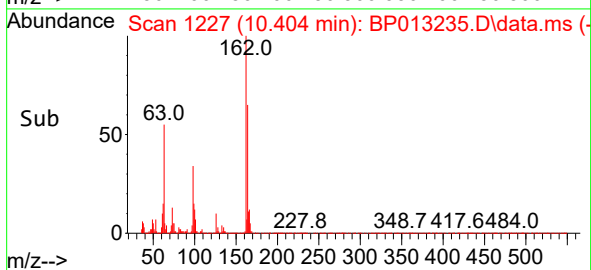
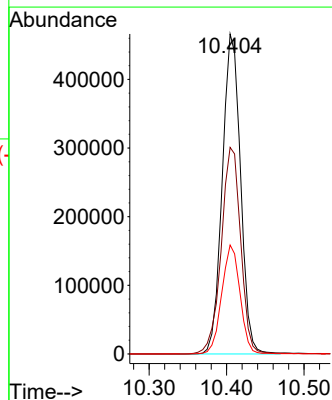
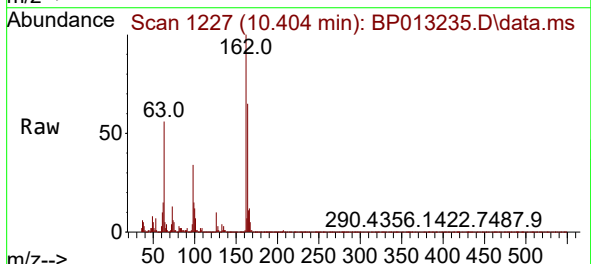
Instrument :
 BNA_P
 ClientSampleId :

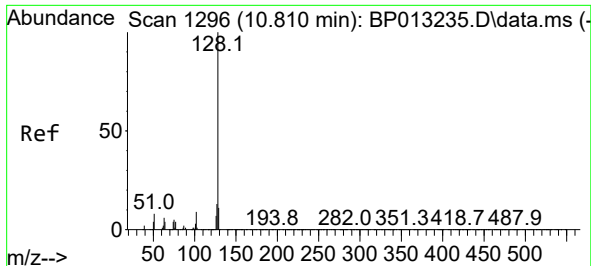
Tgt Ion: 93 Resp: 1056675
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.3 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 21.306 ng/ul
 RT: 10.404 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: BP013235.D
 Acq: 22 Dec 2022 08:46

Tgt Ion:162 Resp: 765353
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.5 78.7
 98 34.1 26.6 39.8

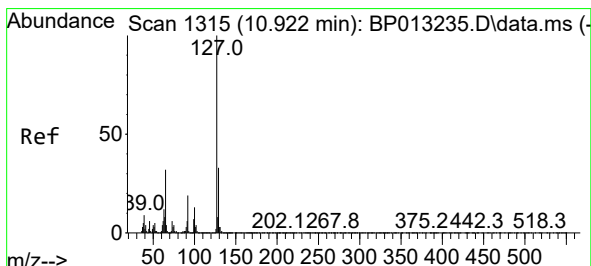
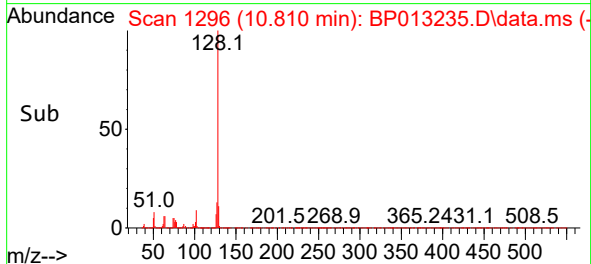
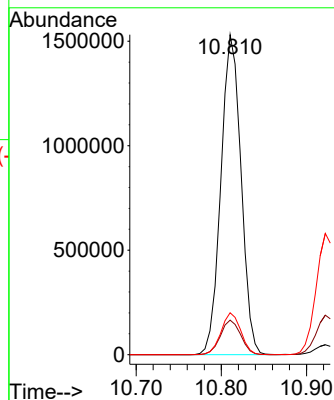
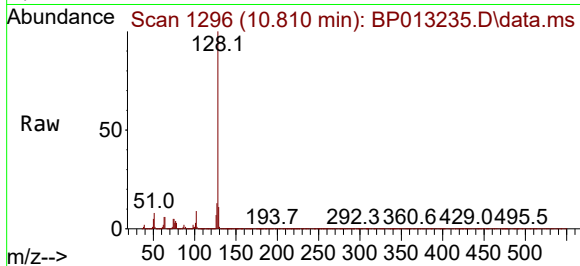




#30
Naphthalene
Concen: 21.035 ng/ul
RT: 10.810 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

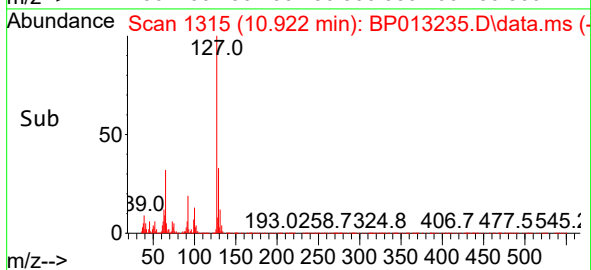
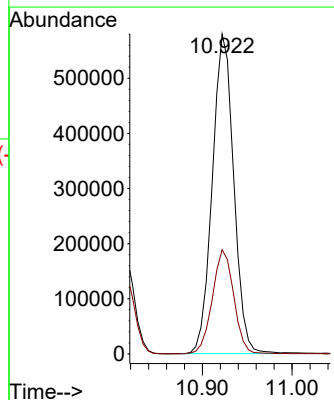
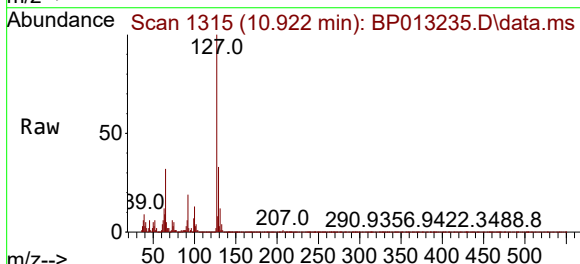
Instrument :
BNA_P
ClientSampleId :

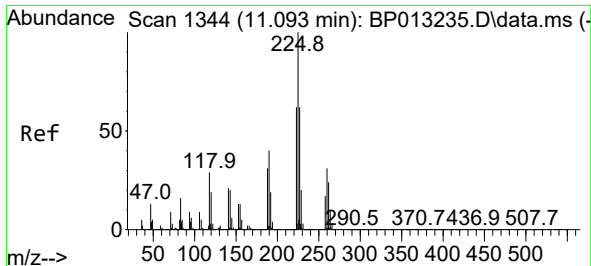
Tgt Ion:128 Resp: 2510974
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 18.753 ng/ul
RT: 10.922 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:127 Resp: 960720
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4

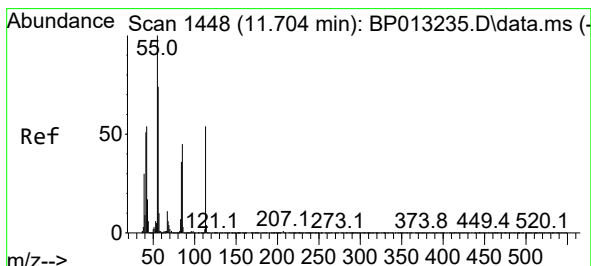
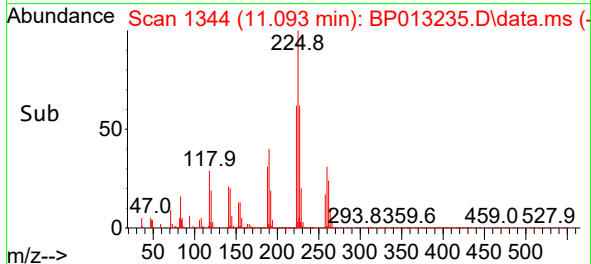
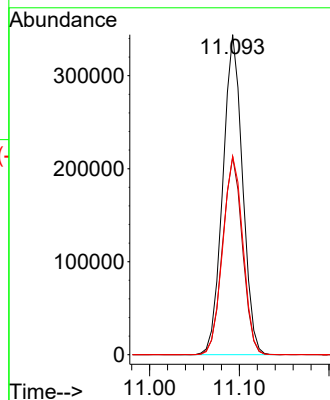
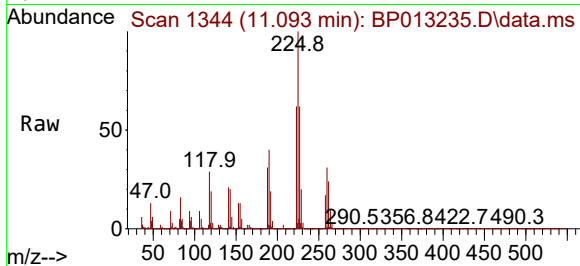




#33
Hexachlorobutadiene
Concen: 21.288 ng/ul
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

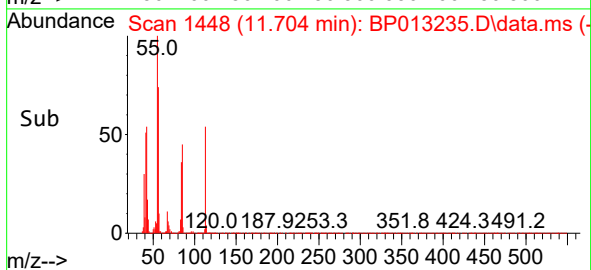
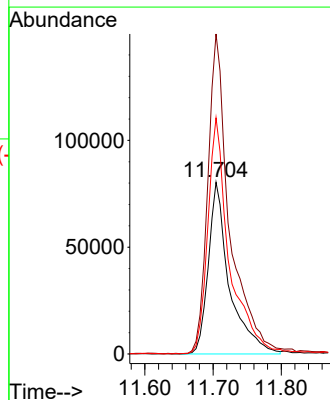
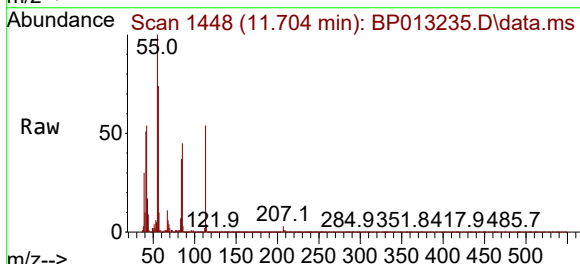
Instrument :
BNA_P
ClientSampleId :

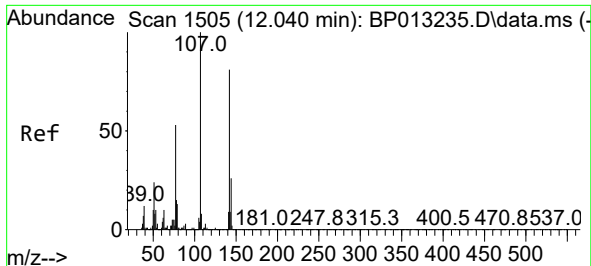
Tgt Ion:225 Resp: 525038
Ion Ratio Lower Upper
225 100
223 61.8 49.2 73.8
227 62.0 50.2 75.2



#34
Caprolactam
Concen: 14.136 ng/ul
RT: 11.704 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:113 Resp: 173137
Ion Ratio Lower Upper
113 100
55 186.3 141.9 212.9
56 137.5 99.6 149.4

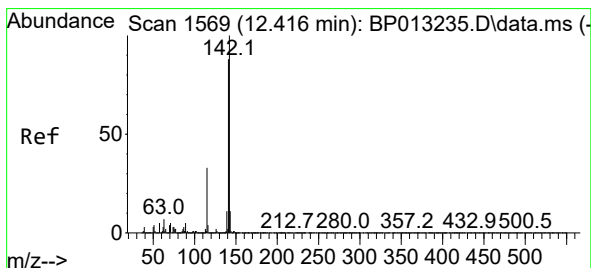
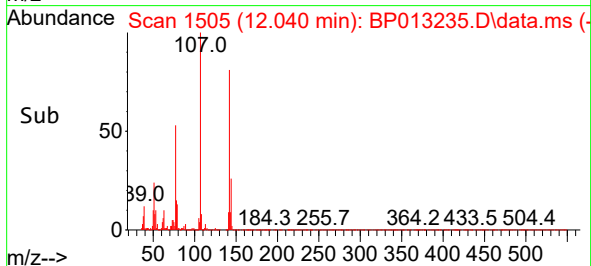
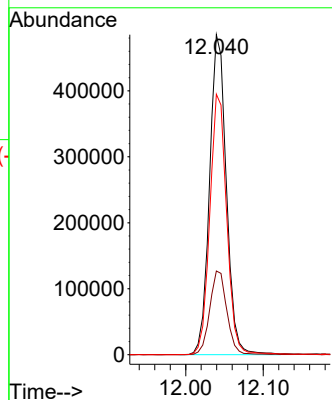
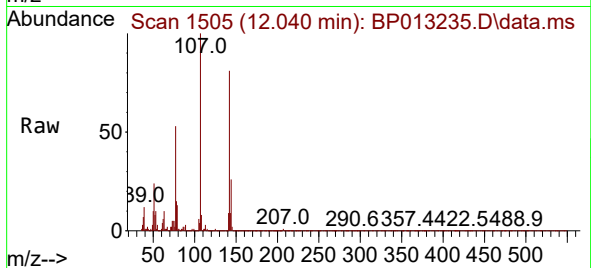




#35
4-Chloro-3-methylphenol
Concen: 19.872 ng/ul
RT: 12.040 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

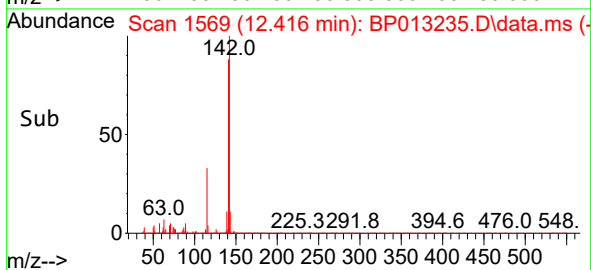
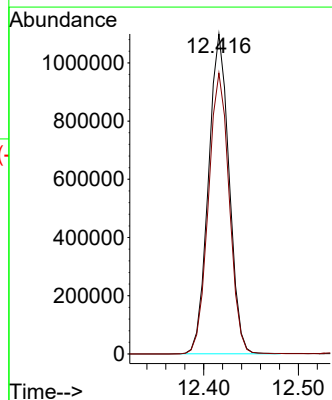
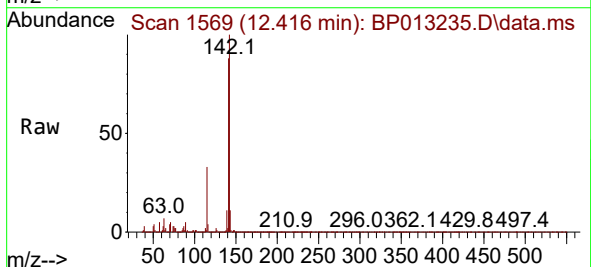
Instrument :
BNA_P
ClientSampleId :

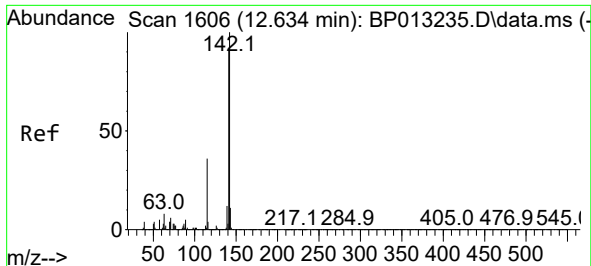
Tgt Ion:107 Resp: 728465
Ion Ratio Lower Upper
107 100
144 26.2 21.4 32.2
142 81.4 65.8 98.6



#36
2-Methylnaphthalene
Concen: 20.328 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:142 Resp: 1664671
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2





#37

1-Methylnaphthalene

Concen: 20.169 ng/ul

RT: 12.634 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

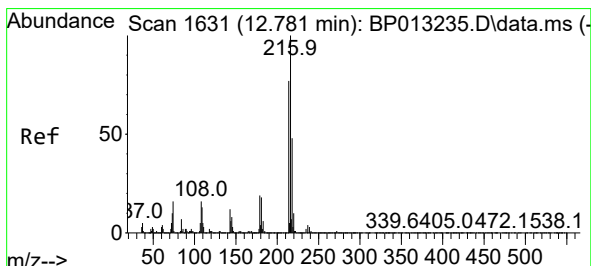
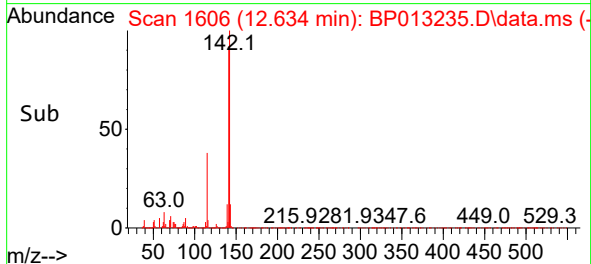
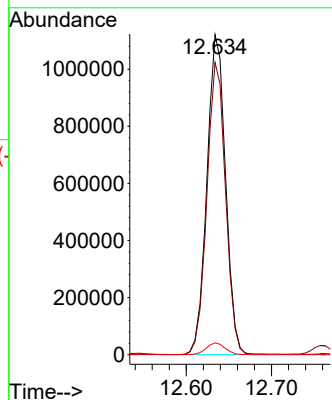
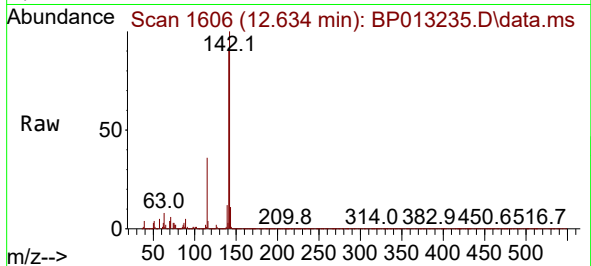
Tgt Ion:142 Resp: 1698512

Ion Ratio Lower Upper

142 100

141 91.3 72.7 109.1

116 3.7 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.191 ng/ul

RT: 12.781 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Tgt Ion:216 Resp: 998855

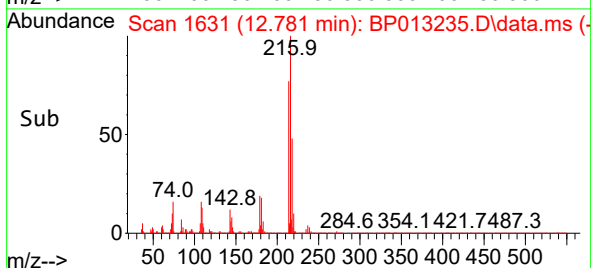
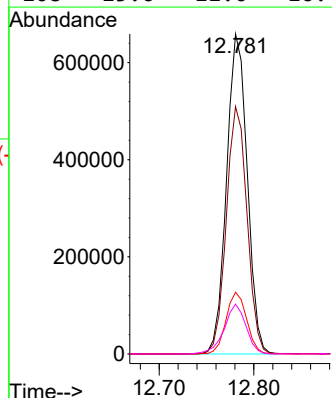
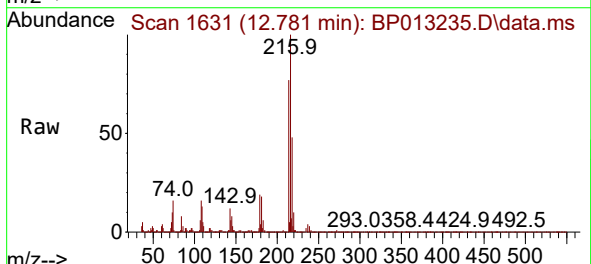
Ion Ratio Lower Upper

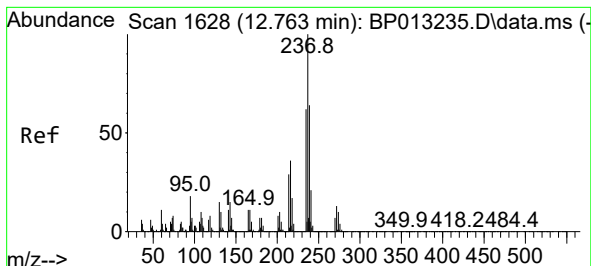
216 100

214 77.3 61.9 92.9

179 19.3 15.0 22.6

108 15.6 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 14.702 ng/ul

RT: 12.763 min Scan# 1628

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

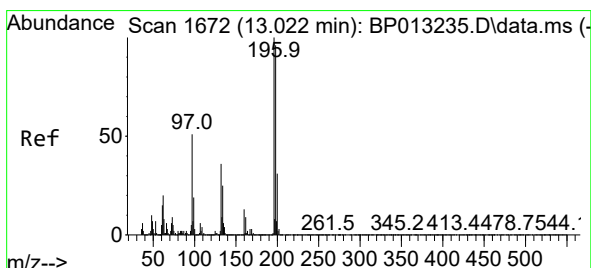
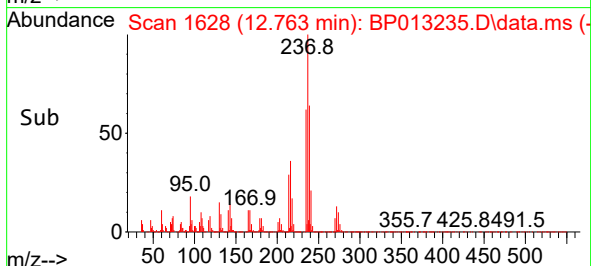
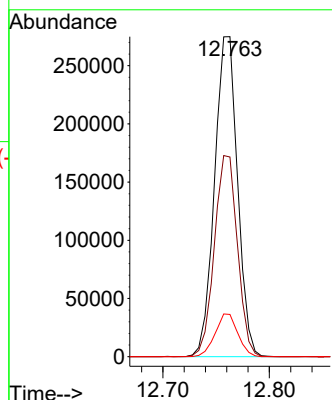
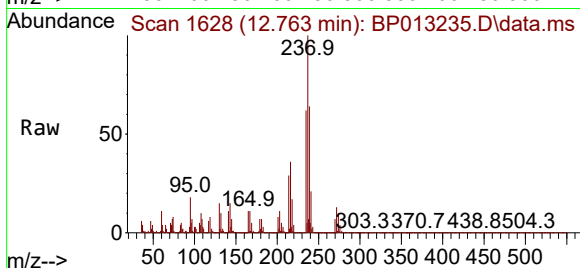
Tgt Ion:237 Resp: 412088

Ion Ratio Lower Upper

237 100

235 62.4 49.7 74.5

272 13.2 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 21.831 ng/ul

RT: 13.022 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

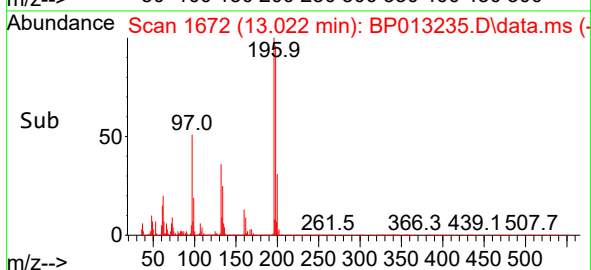
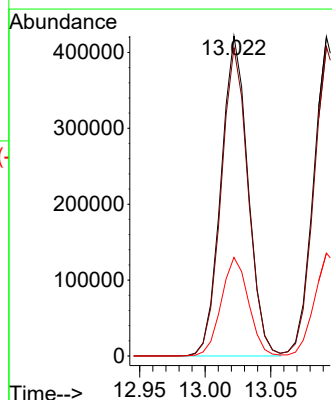
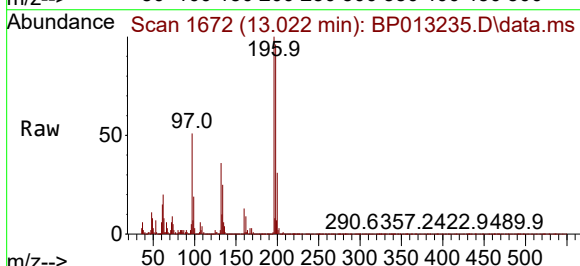
Tgt Ion:196 Resp: 604278

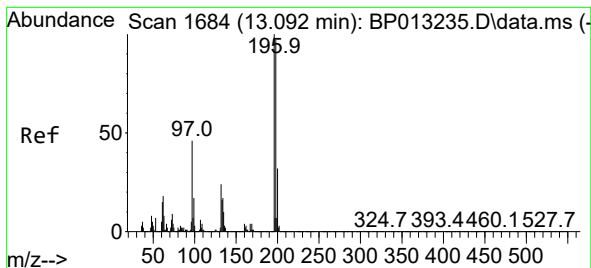
Ion Ratio Lower Upper

196 100

198 96.4 77.0 115.6

200 30.8 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 21.359 ng/ul

RT: 13.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

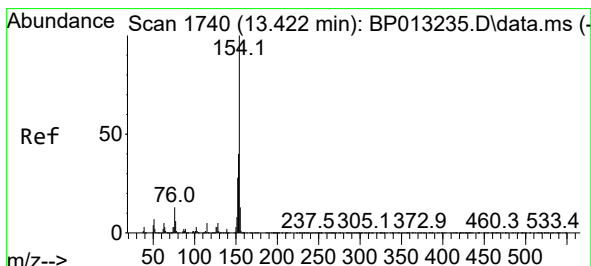
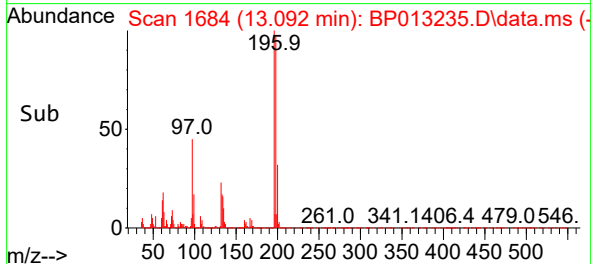
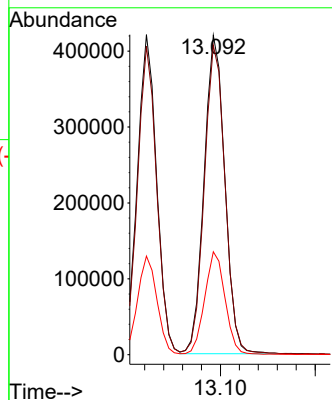
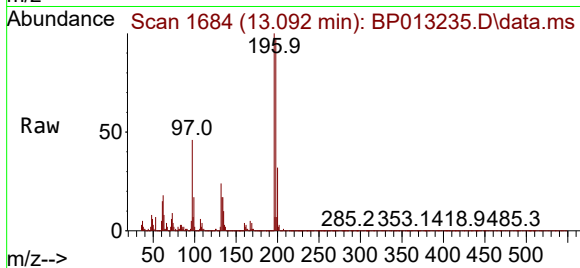
Tgt Ion:196 Resp: 635061

Ion Ratio Lower Upper

196 100

198 96.8 77.1 115.7

200 32.2 25.4 38.2



#43

1,1'-Biphenyl

Concen: 22.054 ng/ul

RT: 13.422 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

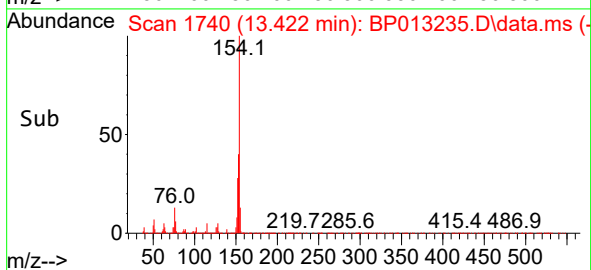
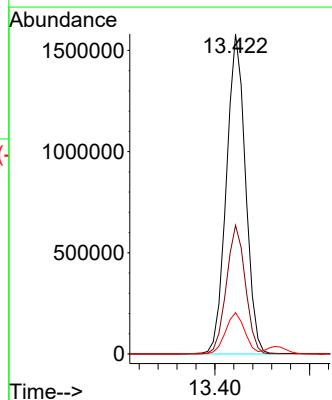
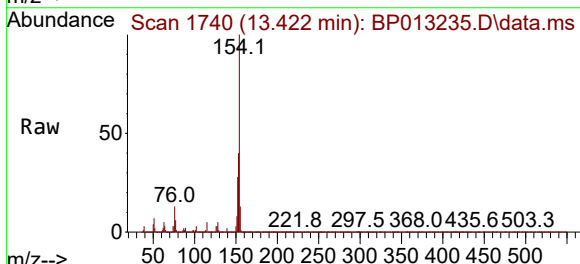
Tgt Ion:154 Resp: 2215489

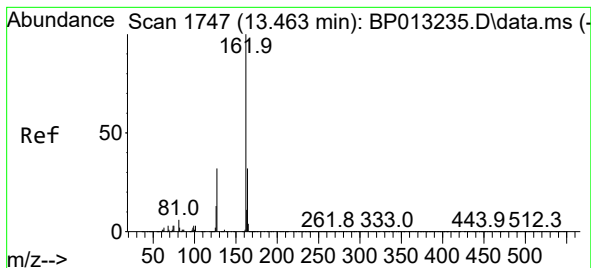
Ion Ratio Lower Upper

154 100

153 40.2 31.5 47.3

76 12.9 9.6 14.4





#44

2-Chloronaphthalene

Concen: 22.198 ng/ul

RT: 13.463 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

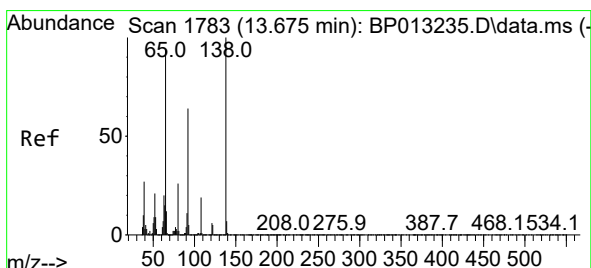
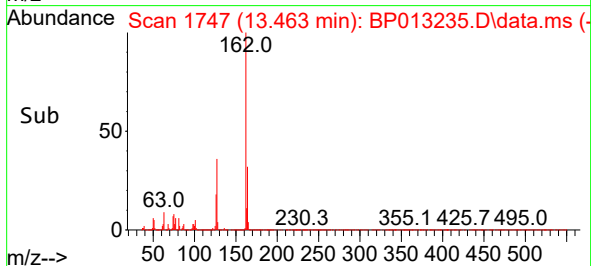
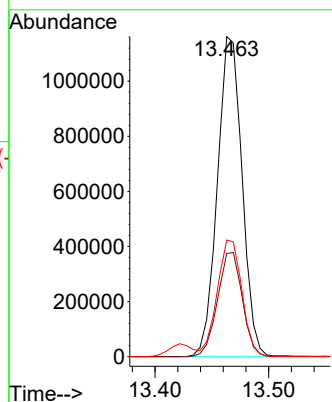
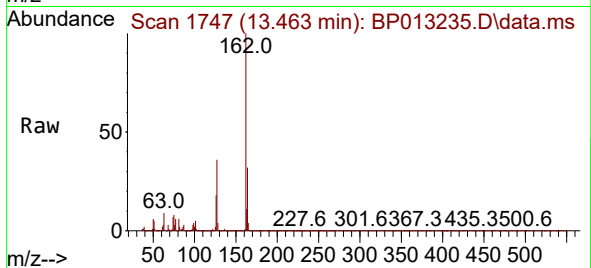
Tgt Ion:162 Resp: 1755111

Ion Ratio Lower Upper

162 100

164 32.2 26.3 39.5

127 36.4 29.3 43.9



#45

2-Nitroaniline

Concen: 22.241 ng/ul

RT: 13.675 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

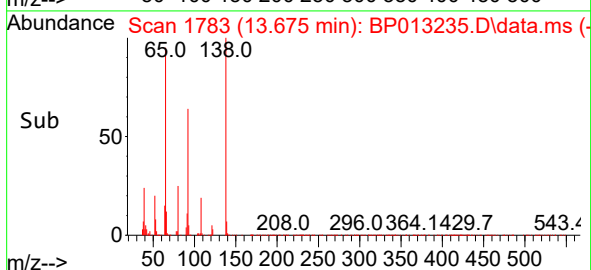
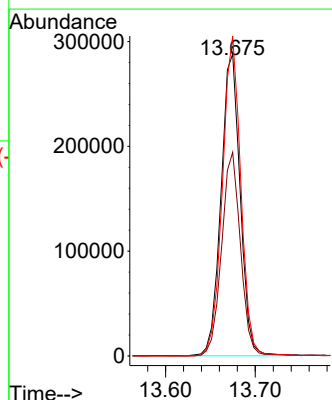
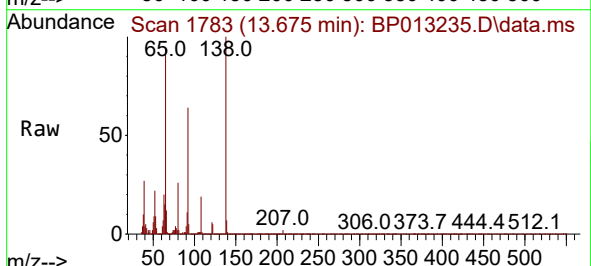
Tgt Ion: 65 Resp: 426347

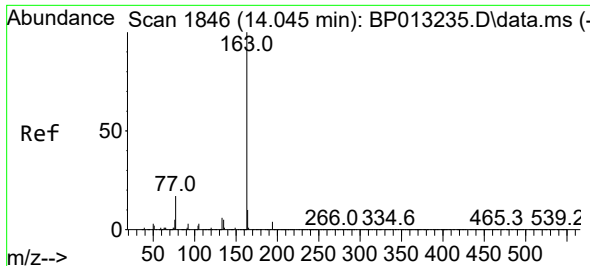
Ion Ratio Lower Upper

65 100

92 67.4 56.4 84.6

138 106.0 90.3 135.5

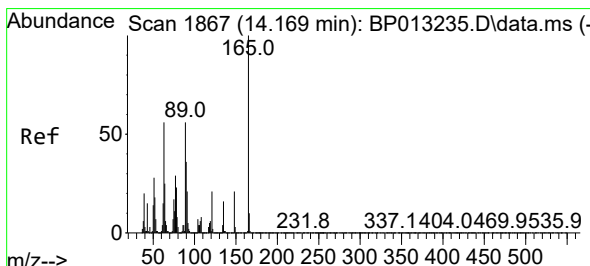
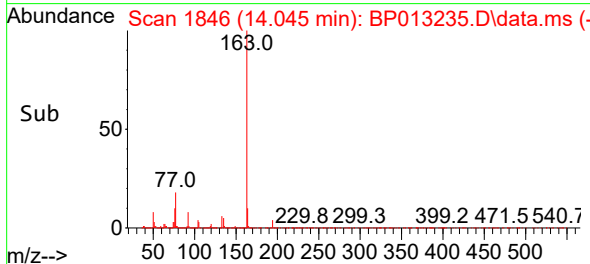
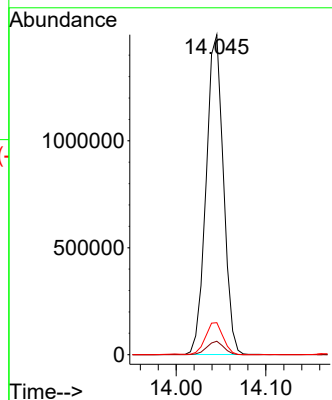
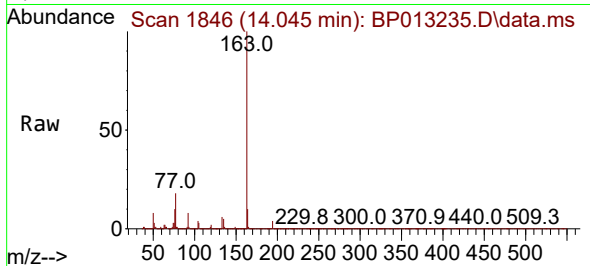




#47
Dimethylphthalate
Concen: 19.647 ng/ul
RT: 14.045 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

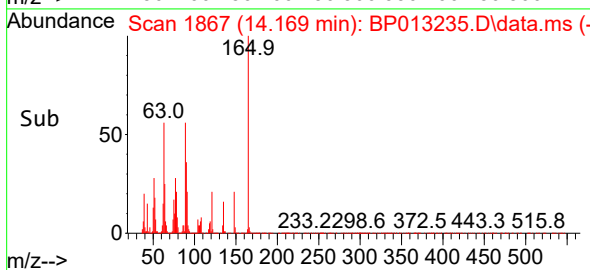
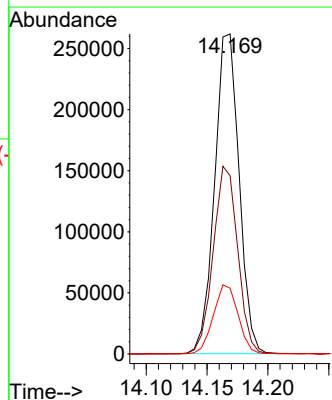
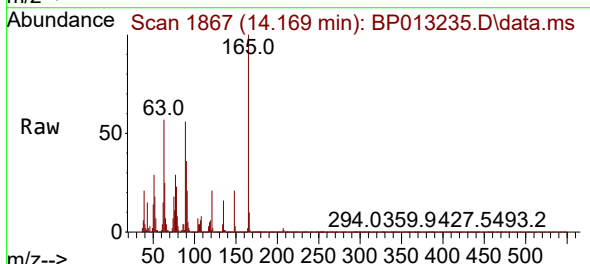
Instrument :
BNA_P
ClientSampleId :

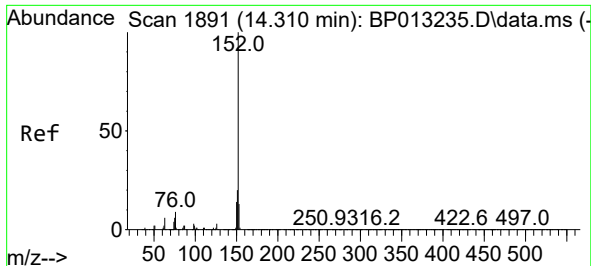
Tgt Ion:163 Resp: 2001840
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.316 ng/ul
RT: 14.169 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:165 Resp: 365751
Ion Ratio Lower Upper
165 100
89 55.7 43.0 64.4
121 20.6 16.1 24.1

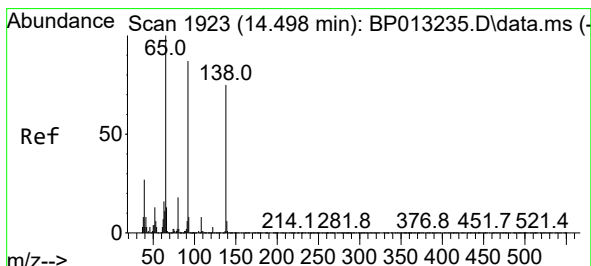
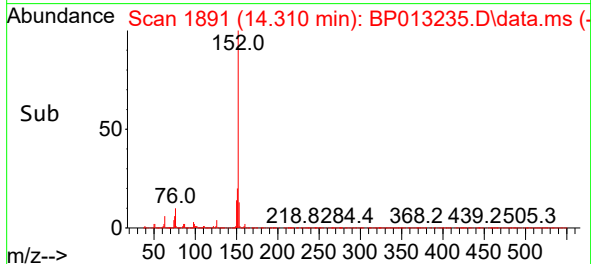
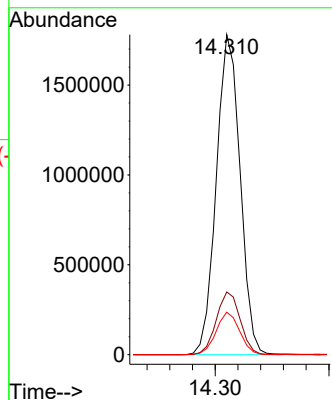
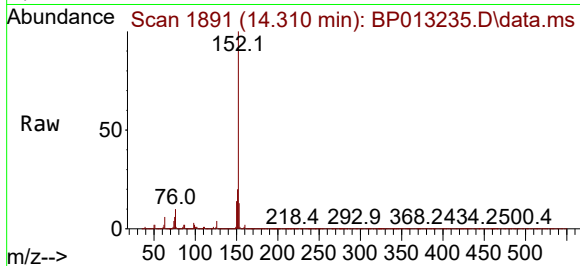




#50
Acenaphthylene
Concen: 21.328 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

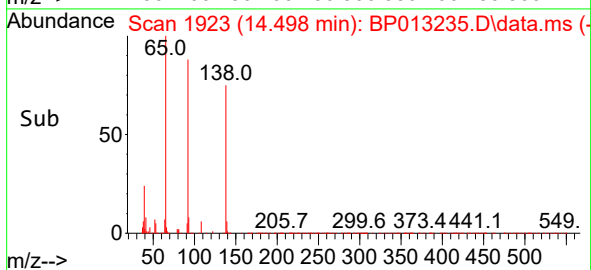
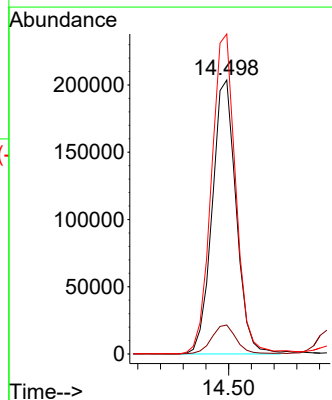
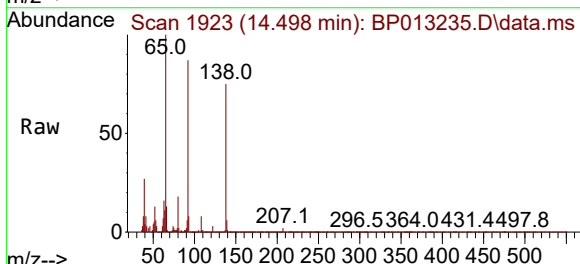
Instrument :
BNA_P
ClientSampleId :

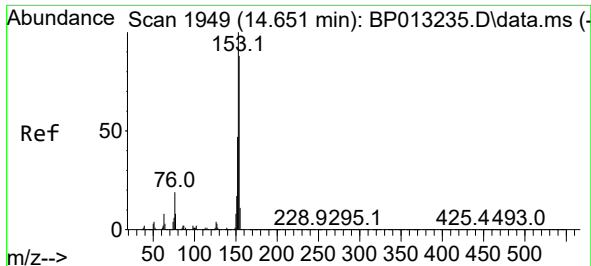
Tgt Ion:152 Resp: 2590136
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 16.674 ng/ul
RT: 14.498 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:138 Resp: 298131
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 116.8 88.4 132.6

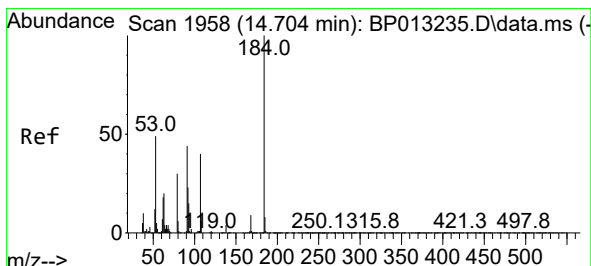
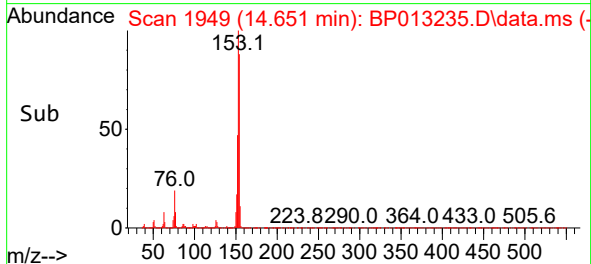
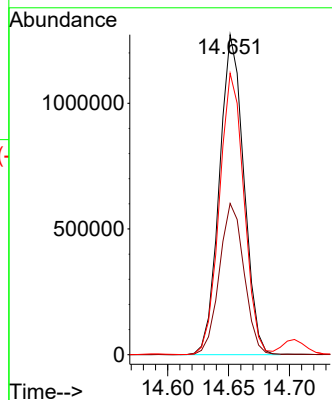
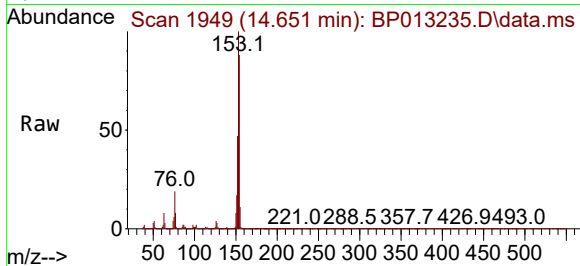




#52
Acenaphthene
Concen: 21.130 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

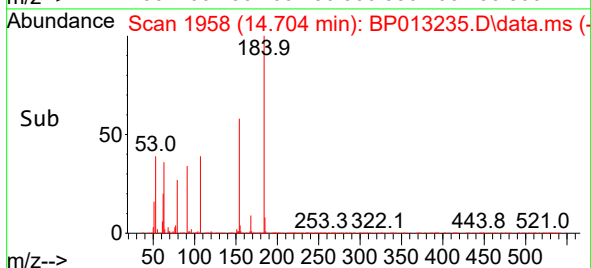
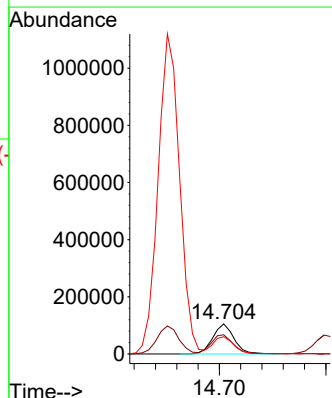
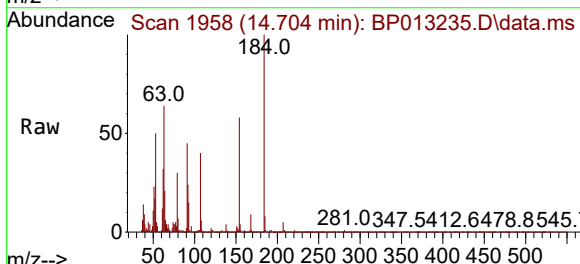
Instrument :
BNA_P
ClientSampleId :

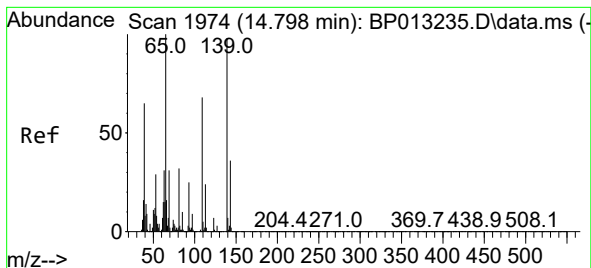
Tgt Ion:153 Resp: 1778229
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.4
154 88.0 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 11.192 ng/ul
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:184 Resp: 144867
Ion Ratio Lower Upper
184 100
63 64.0 48.4 72.6
154 57.6 45.5 68.3

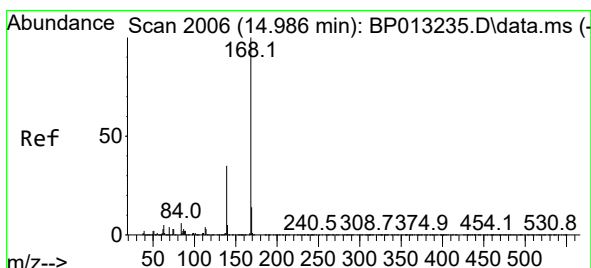
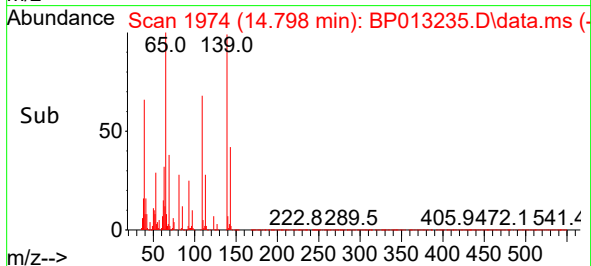
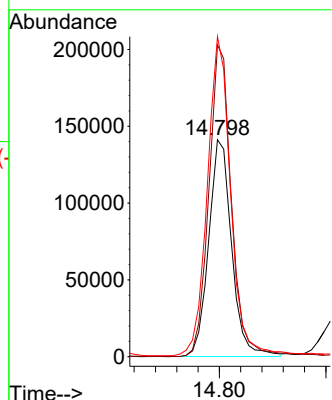
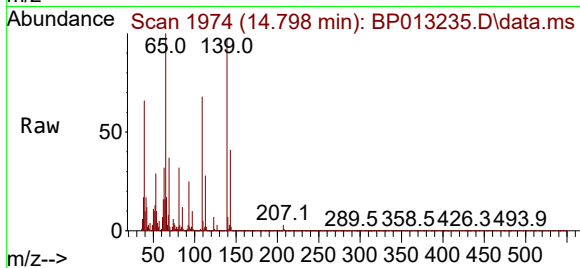




#55
4-Nitrophenol
Concen: 16.734 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

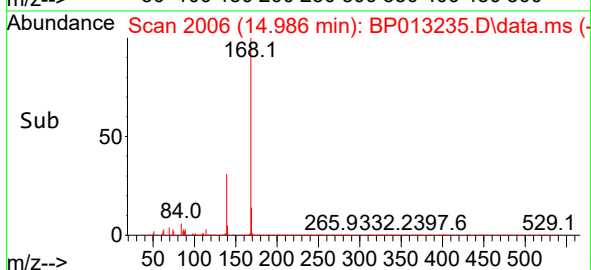
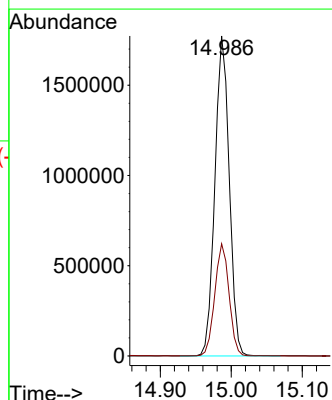
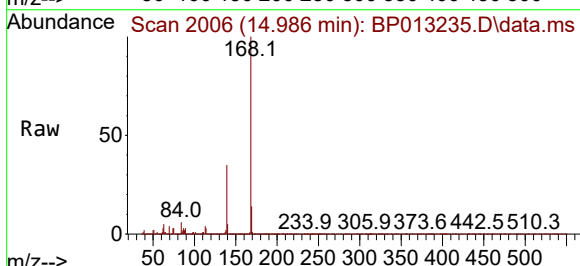
Instrument :
BNA_P
ClientSampleId :

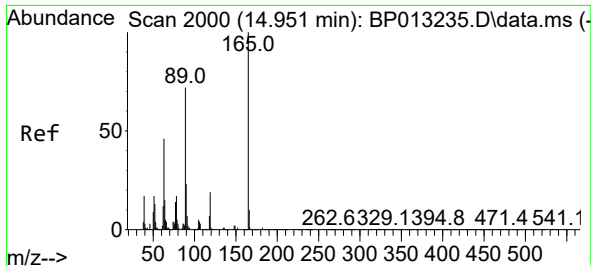
Tgt Ion:109 Resp: 211147
Ion Ratio Lower Upper
109 100
139 143.8 120.8 181.2
65 147.5 107.9 161.9



#56
Dibenzofuran
Concen: 20.751 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:168 Resp: 2482913
Ion Ratio Lower Upper
168 100
139 35.1 27.9 41.9

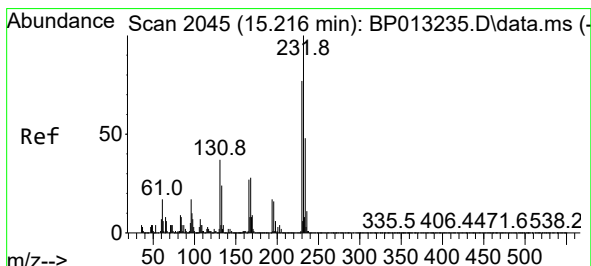
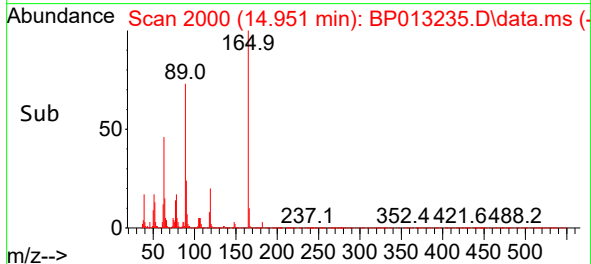
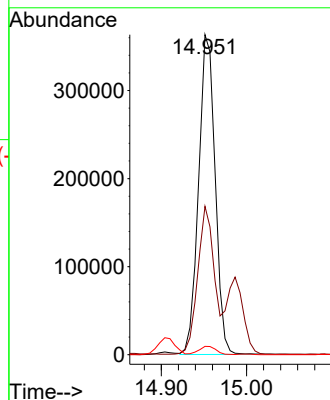
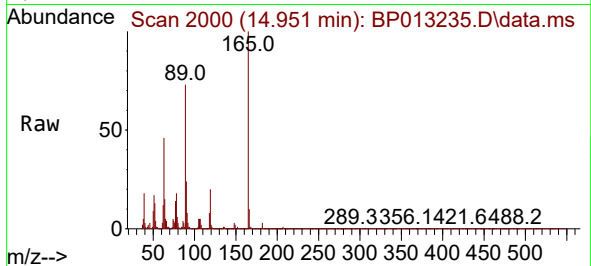




#57
2,4-Dinitrotoluene
Concen: 17.805 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

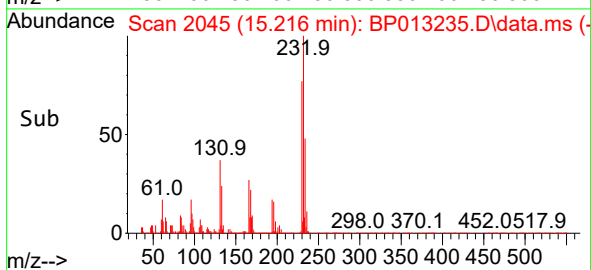
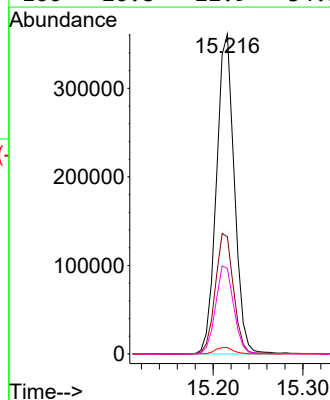
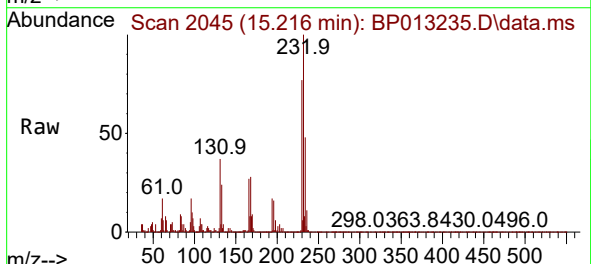
Instrument :
BNA_P
ClientSampleId :

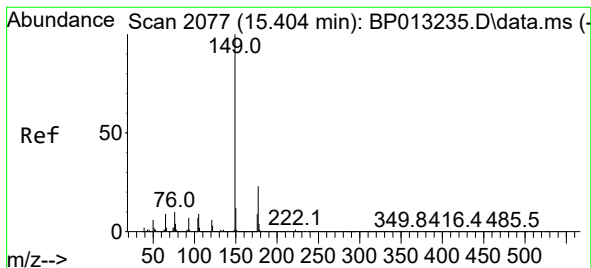
Tgt Ion:165 Resp: 489740
Ion Ratio Lower Upper
165 100
63 46.3 31.8 47.6
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.454 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:232 Resp: 500724
Ion Ratio Lower Upper
232 100
131 36.6 31.8 47.6
130 2.0 1.8 2.6
166 26.8 22.9 34.3





#59

Diethylphthalate

Concen: 18.155 ng/ul

RT: 15.404 min Scan# 2077

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

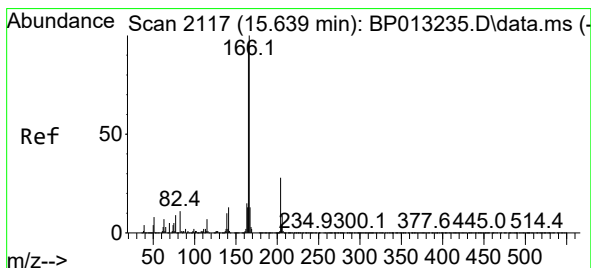
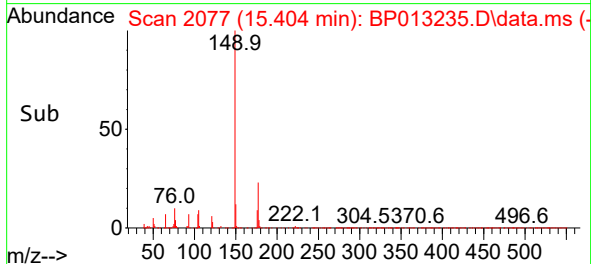
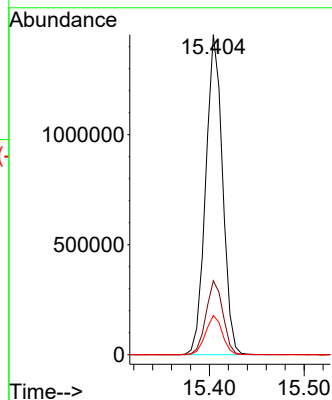
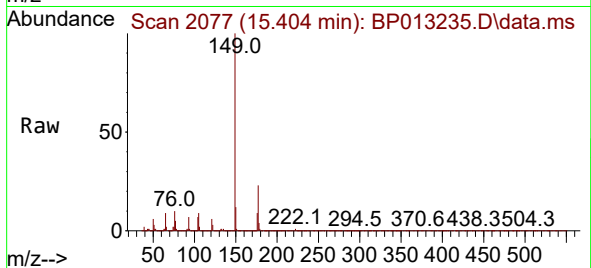
Tgt Ion:149 Resp: 1798238

Ion Ratio Lower Upper

149 100

177 23.1 18.4 27.6

150 12.2 9.9 14.9



#61

Fluorene

Concen: 20.387 ng/ul

RT: 15.639 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

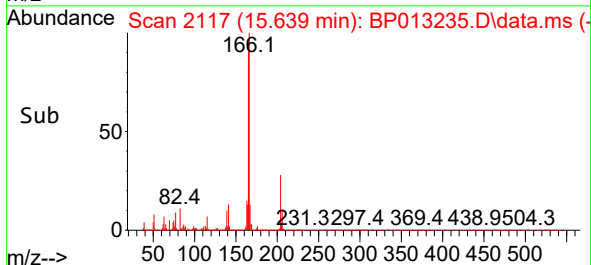
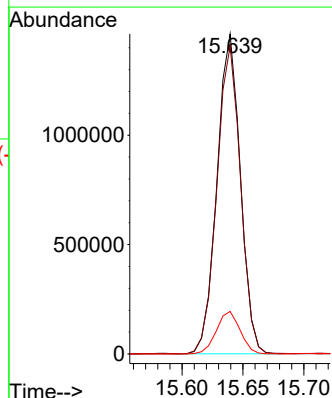
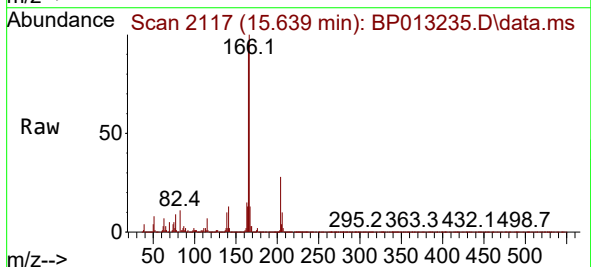
Tgt Ion:166 Resp: 1956345

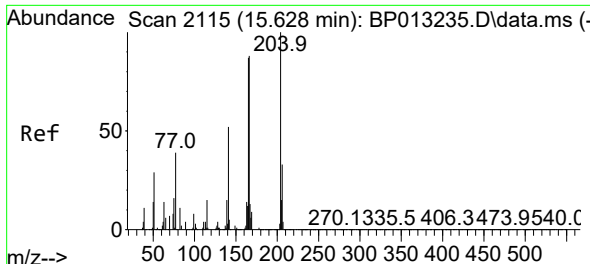
Ion Ratio Lower Upper

166 100

165 96.3 77.4 116.2

167 13.3 10.6 16.0

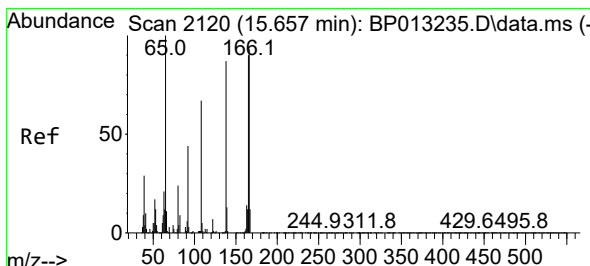
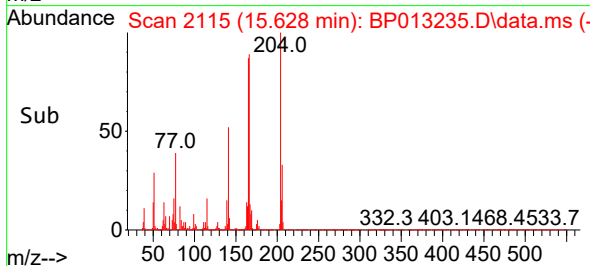
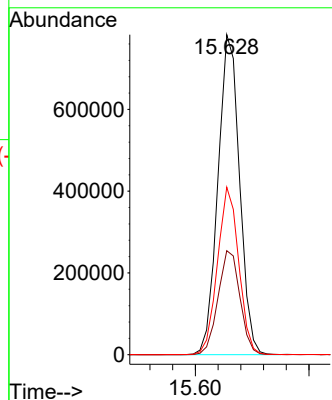
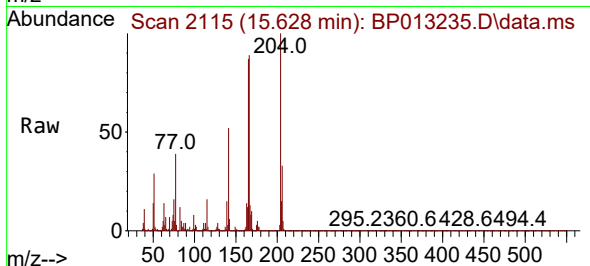




#62
4-Chlorophenyl-phenylether
Concen: 20.383 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

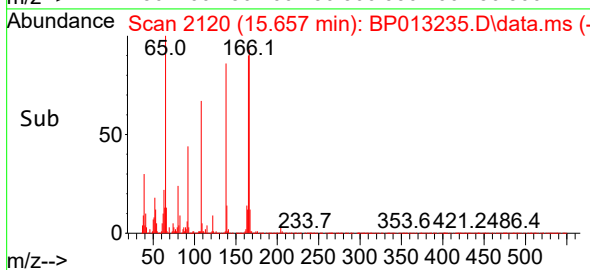
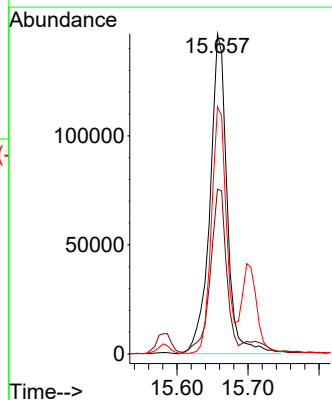
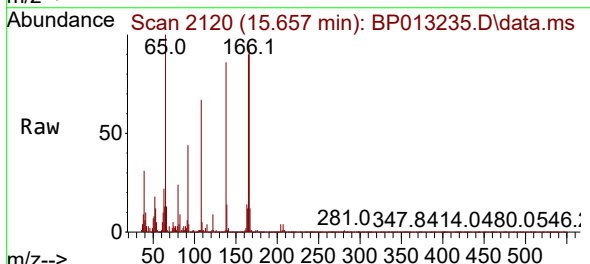
Instrument :
BNA_P
ClientSampleId :

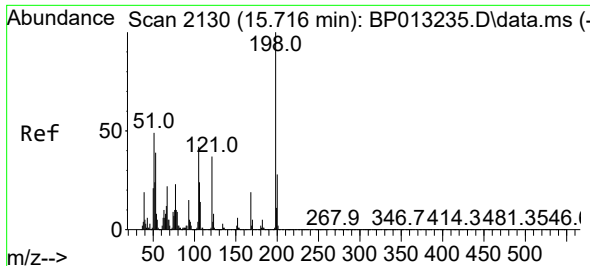
Tgt Ion:204 Resp: 1034378
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 52.4 40.4 60.6



#63
4-Nitroaniline
Concen: 15.638 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:138 Resp: 246033
Ion Ratio Lower Upper
138 100
92 51.5 39.0 58.4
108 77.3 55.1 82.7

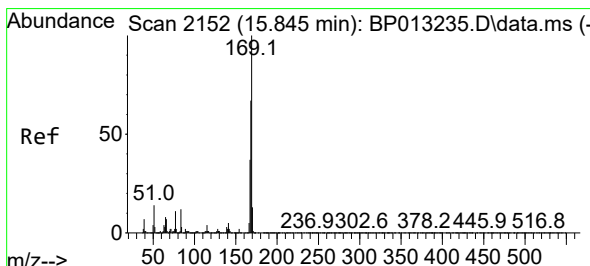
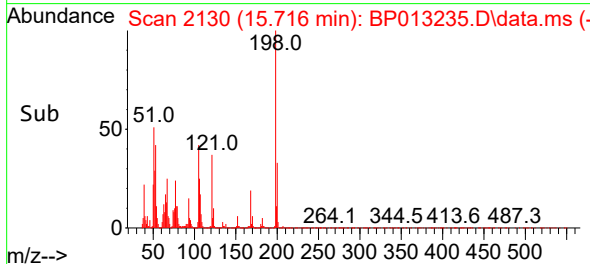
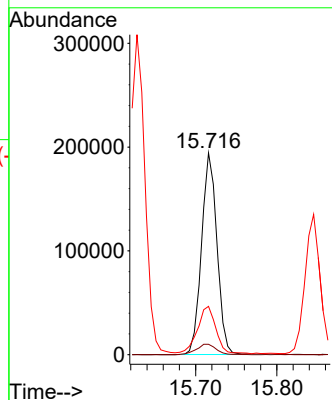
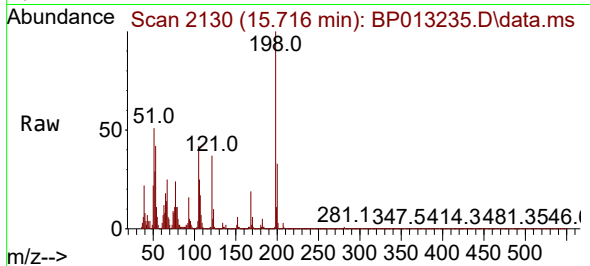




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.118 ng/ul
 RT: 15.716 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BP013235.D
 Acq: 22 Dec 2022 08:46

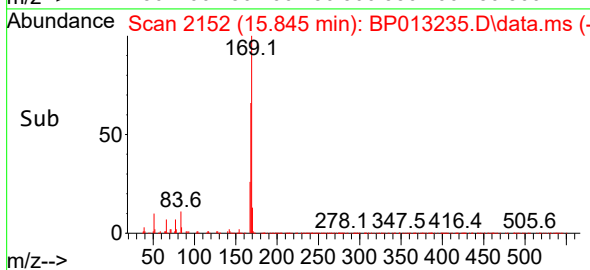
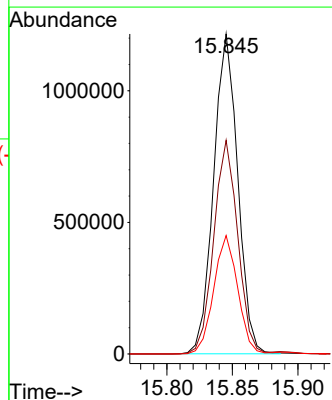
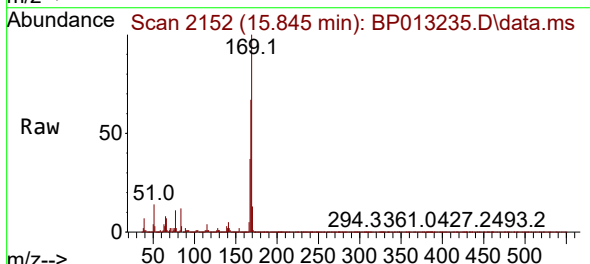
Instrument :
 BNA_P
 ClientSampleId :

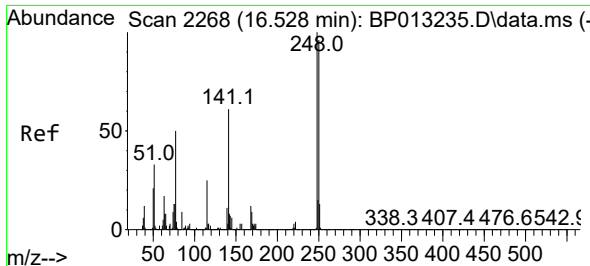
Tgt Ion:198 Resp: 256723
 Ion Ratio Lower Upper
 198 100
 182 5.2 3.3 4.9#
 77 24.0 16.6 25.0



#67
 N-Nitrosodiphenylamine
 Concen: 23.507 ng/ul
 RT: 15.845 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: BP013235.D
 Acq: 22 Dec 2022 08:46

Tgt Ion:169 Resp: 1554232
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.0 79.6
 167 37.0 29.1 43.7

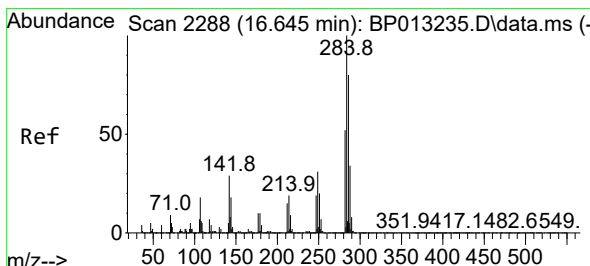
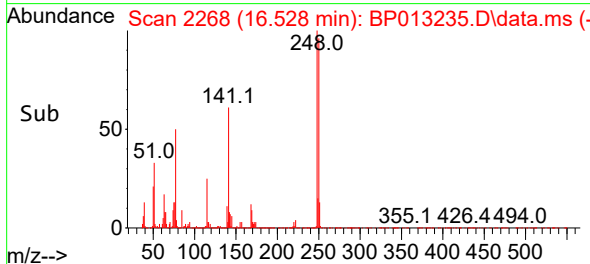
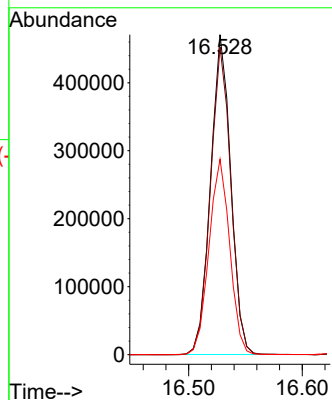
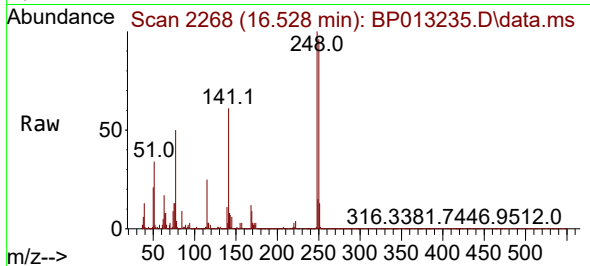




#68
4-Bromophenyl-phenylether
Concen: 22.517 ng/ul
RT: 16.528 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

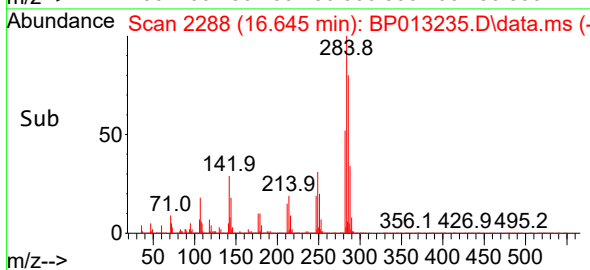
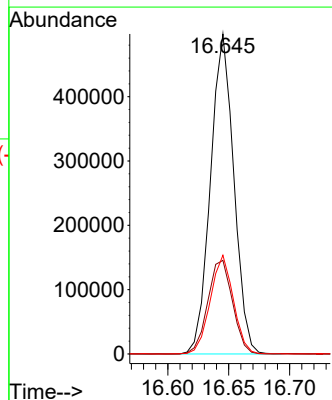
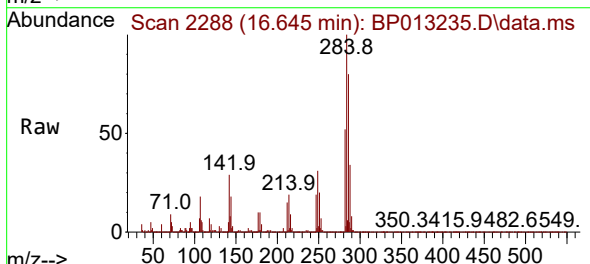
Instrument :
BNA_P
ClientSampleId :

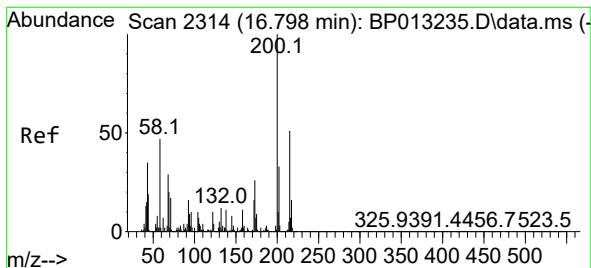
Tgt Ion:248 Resp: 583168
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.0
141 61.1 48.3 72.5



#69
Hexachlorobenzene
Concen: 21.602 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:284 Resp: 664319
Ion Ratio Lower Upper
284 100
142 29.3 22.6 34.0
249 30.9 24.6 37.0





#70

Atrazine

Concen: 18.901 ng/ul

RT: 16.798 min Scan# 2314

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

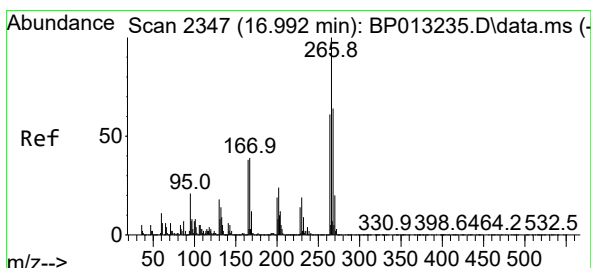
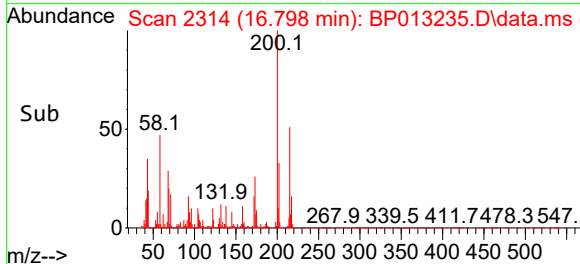
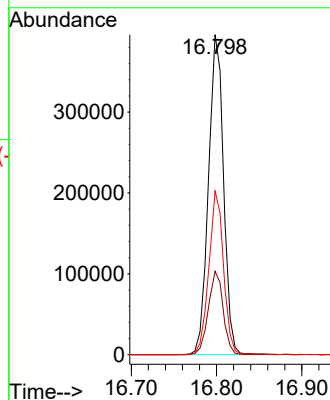
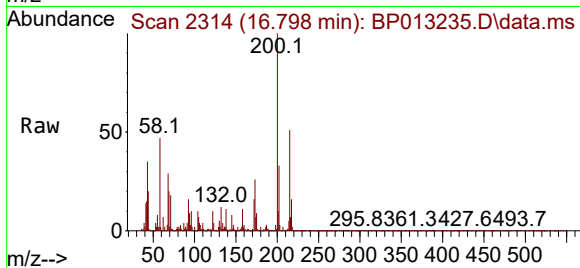
Tgt Ion:200 Resp: 487009

Ion Ratio Lower Upper

200 100

173 26.1 20.5 30.7

215 51.2 39.9 59.9



#71

Pentachlorophenol

Concen: 18.394 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

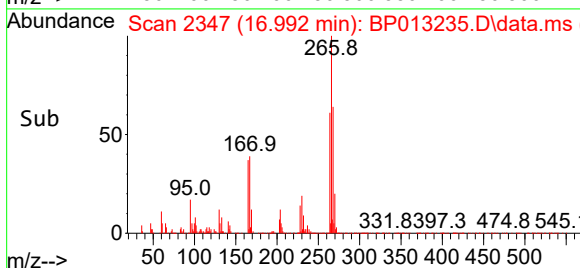
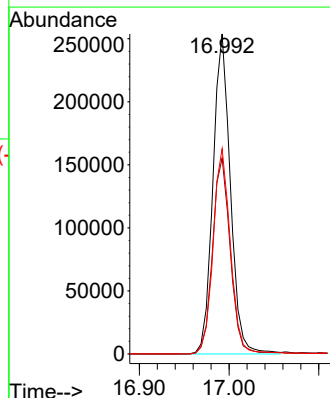
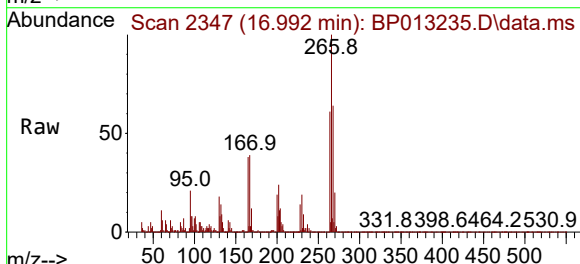
Tgt Ion:266 Resp: 342565

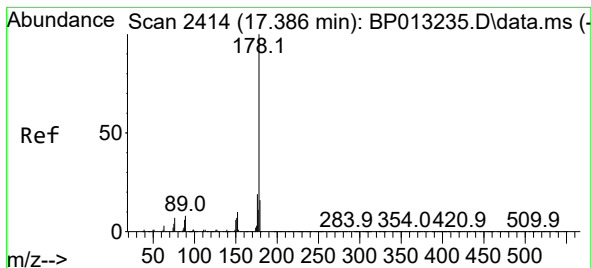
Ion Ratio Lower Upper

266 100

264 61.2 50.9 76.3

268 64.2 51.4 77.2





#72

Phenanthrene

Concen: 21.347 ng/ul

RT: 17.386 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

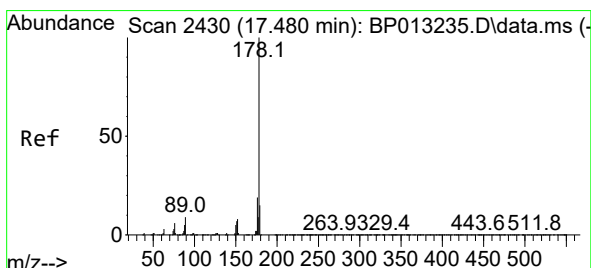
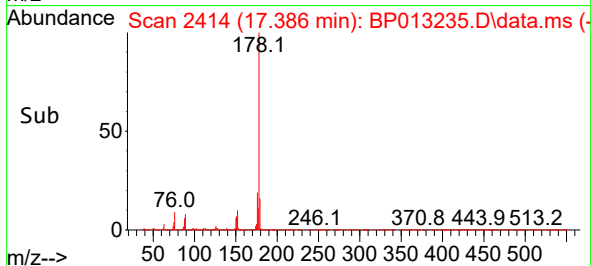
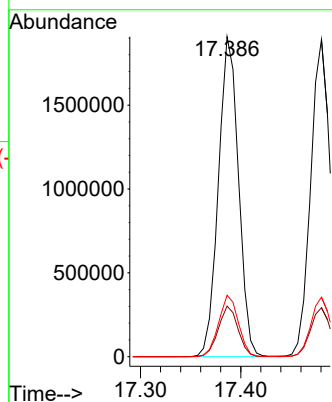
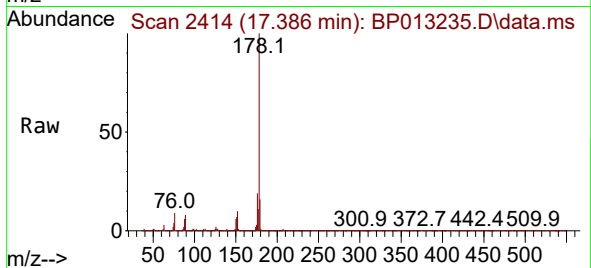
Tgt Ion:178 Resp: 2651751

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.2 15.4 23.0



#74

Anthracene

Concen: 21.218 ng/ul

RT: 17.480 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

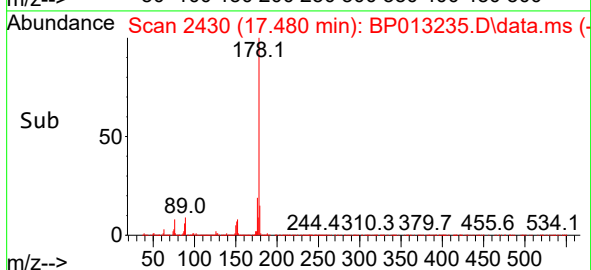
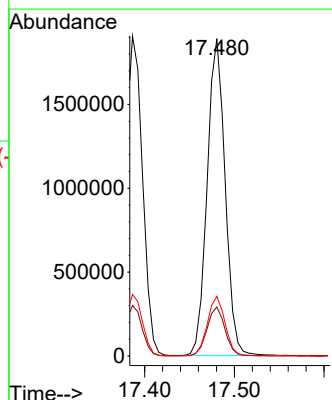
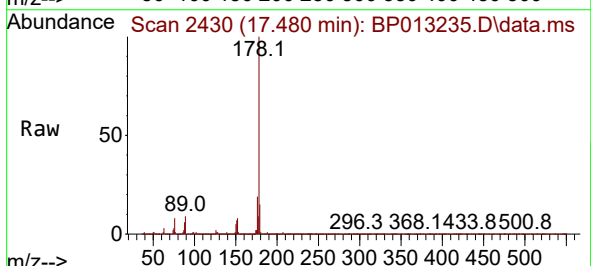
Tgt Ion:178 Resp: 2631711

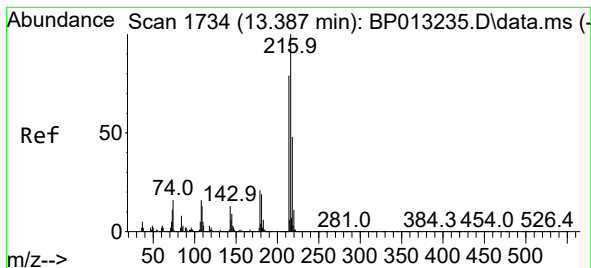
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.8 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.279 ng/uL

RT: 13.387 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

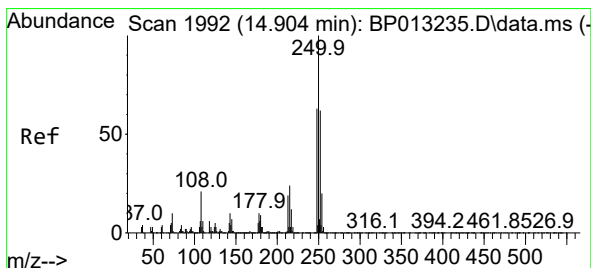
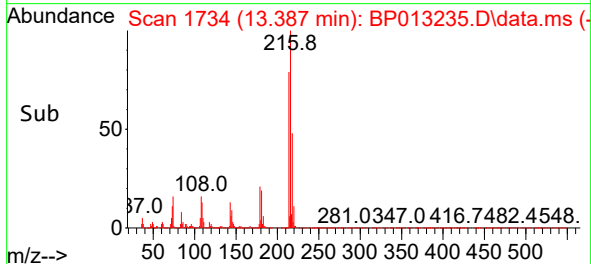
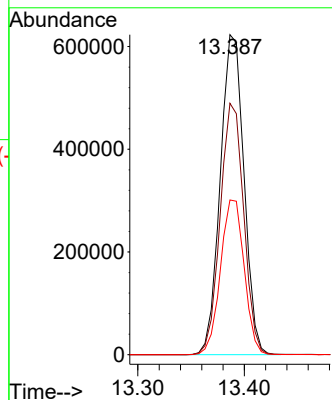
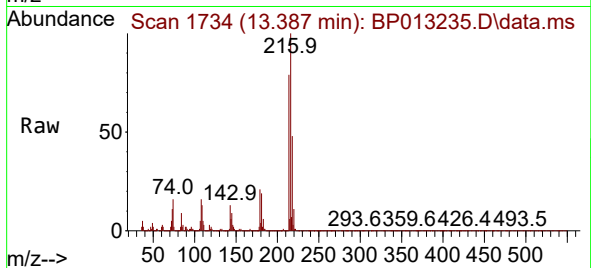
Tgt Ion:216 Resp: 962204

Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

218 48.4 38.9 58.3



#76

Pentachlorobenzene

Concen: 25.790 ng/uL

RT: 14.904 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

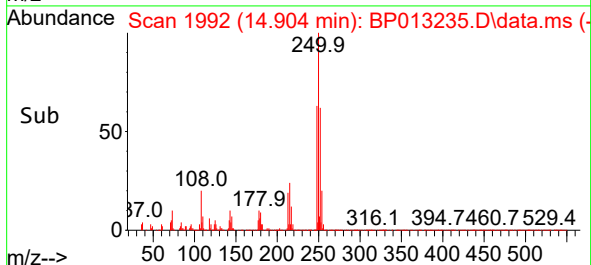
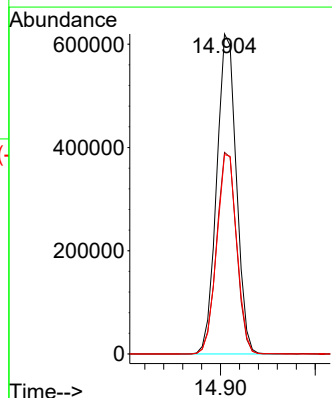
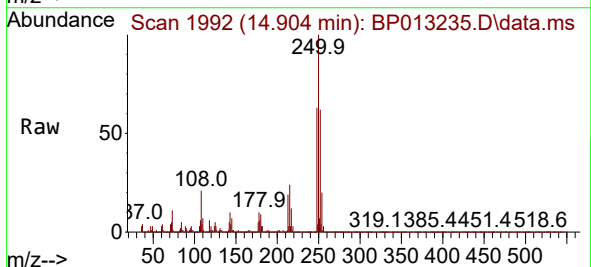
Tgt Ion:250 Resp: 894676

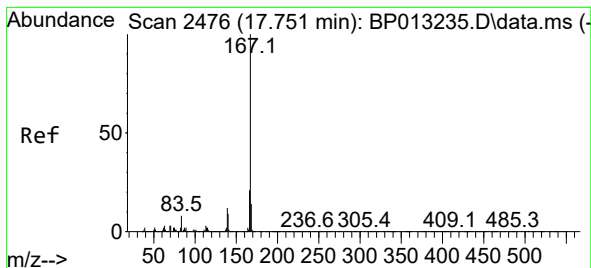
Ion Ratio Lower Upper

250 100

248 63.0 50.6 76.0

252 62.3 51.1 76.7





#77

Carbazole

Concen: 20.174 ng/ul

RT: 17.751 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

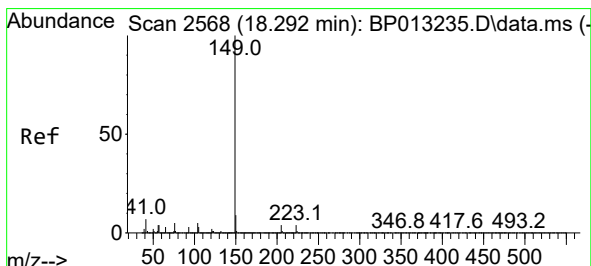
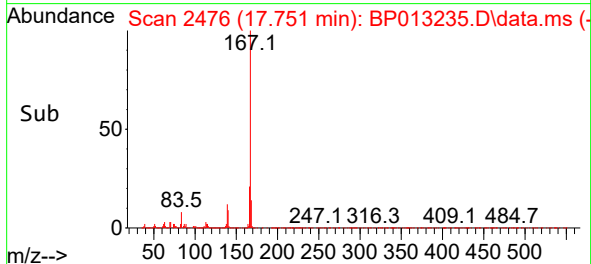
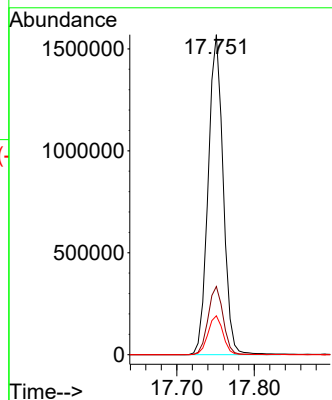
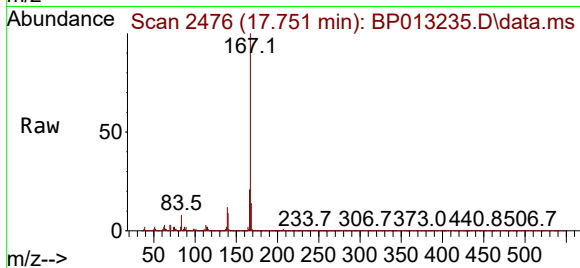
Instrument :

BNA_P

ClientSampleId :

Tgt Ion:167 Resp: 2107279

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.2	9.4	14.2



#78

Di-n-butylphthalate

Concen: 17.561 ng/ul

RT: 18.292 min Scan# 2568

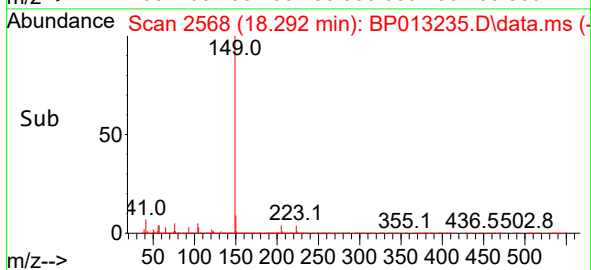
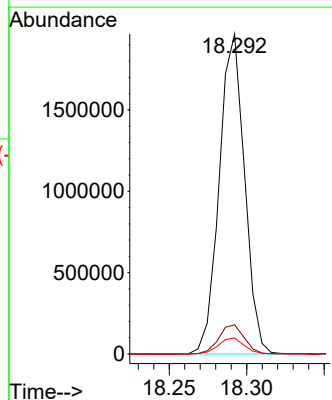
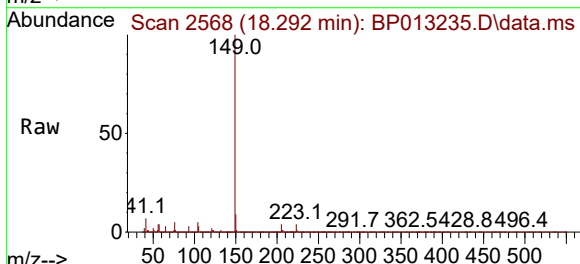
Delta R.T. -0.000 min

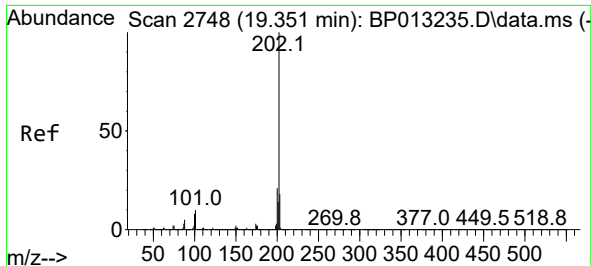
Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Tgt Ion:149 Resp: 2233400

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	3.8	5.6

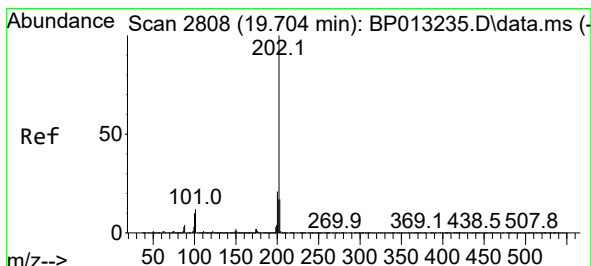
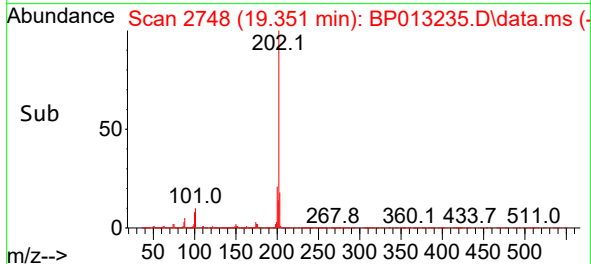
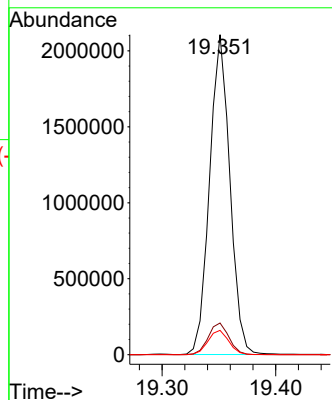
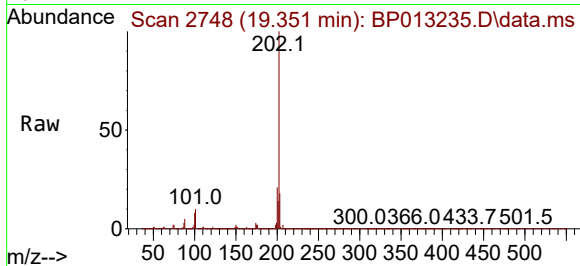




#80
Fluoranthene
Concen: 19.575 ng/ul
RT: 19.351 min Scan# 2748
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

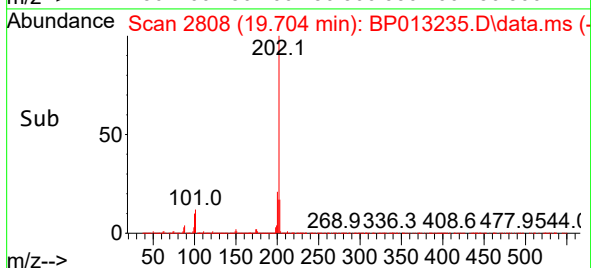
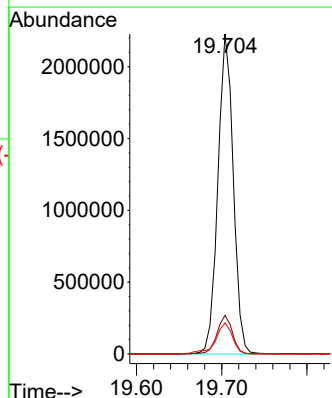
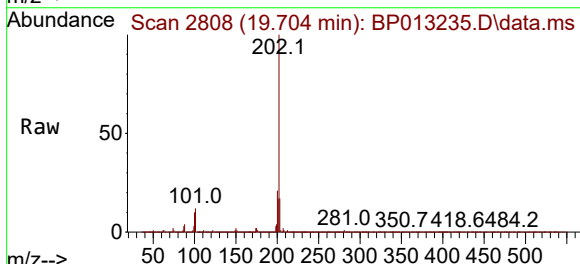
Instrument :
BNA_P
ClientSampleId :

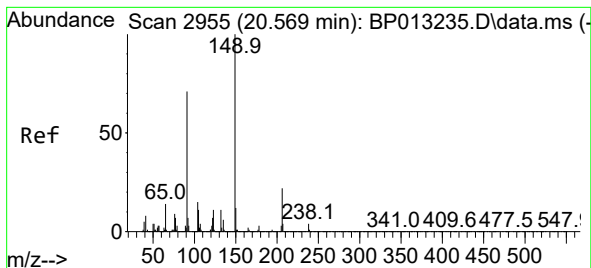
Tgt Ion:202 Resp: 2614811
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.2
100 7.6 6.1 9.1



#82
Pyrene
Concen: 20.244 ng/ul
RT: 19.704 min Scan# 2808
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:202 Resp: 2789468
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 9.7 7.8 11.8





#83

Butylbenzylphthalate

Concen: 15.022 ng/ul

RT: 20.569 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

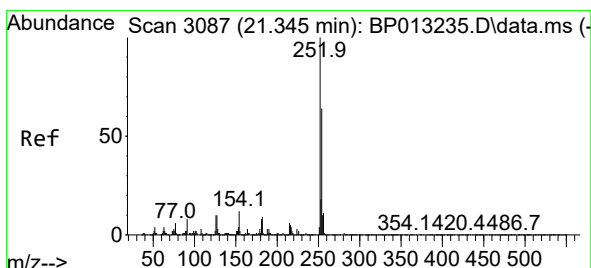
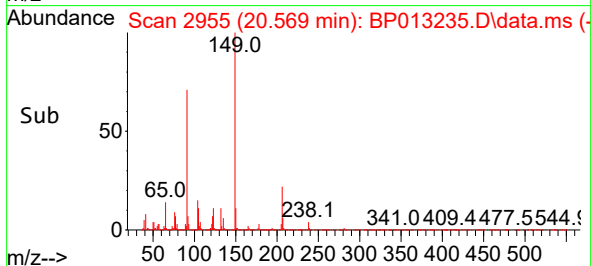
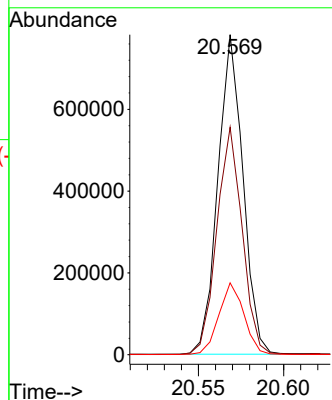
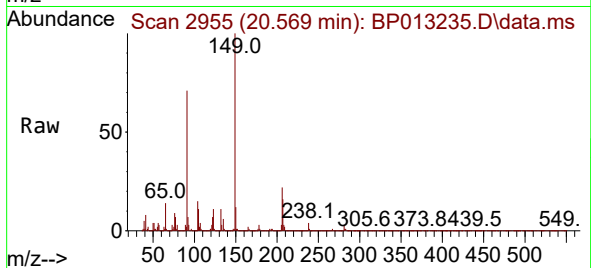
Tgt Ion:149 Resp: 799666

Ion Ratio Lower Upper

149 100

91 71.1 53.4 80.0

206 22.4 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 17.741 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

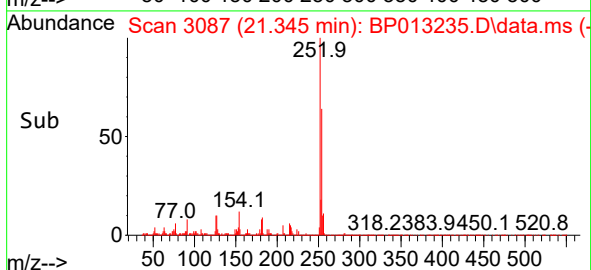
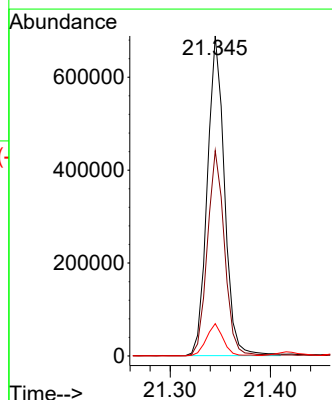
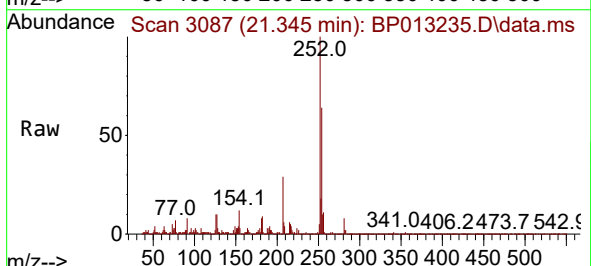
Tgt Ion:252 Resp: 821779

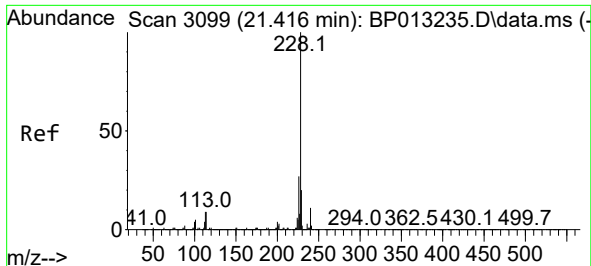
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.8

126 10.1 7.4 11.2

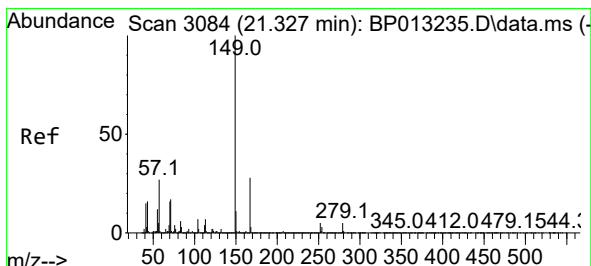
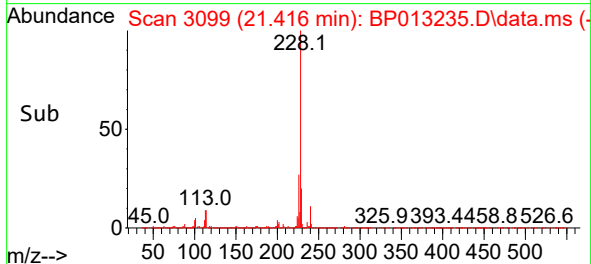
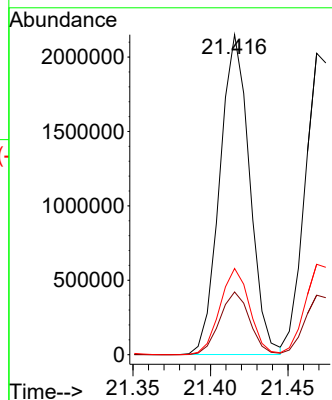
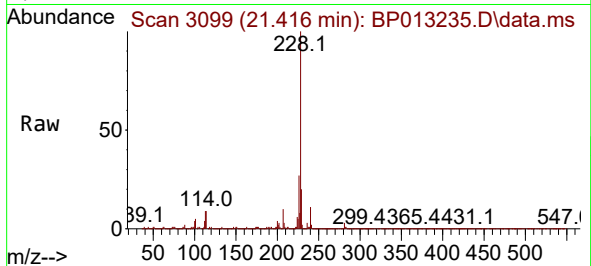




#85
Benzo(a)anthracene
Concen: 21.199 ng/ul
RT: 21.416 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

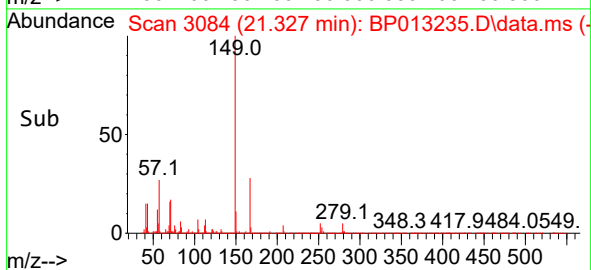
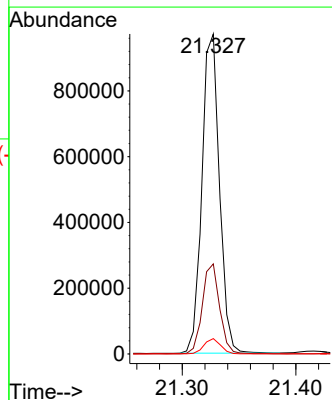
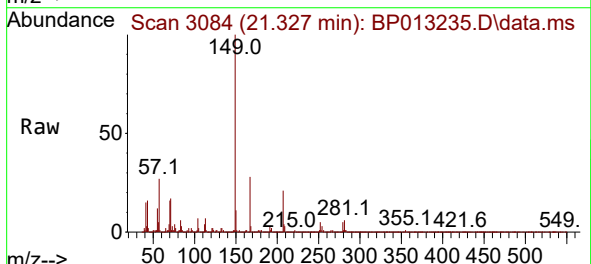
Instrument :
BNA_P
ClientSampleId :

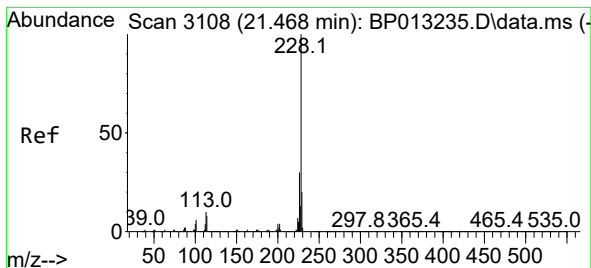
Tgt Ion:228 Resp: 2885612
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.0 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 13.851 ng/ul
RT: 21.327 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP013235.D
Acq: 22 Dec 2022 08:46

Tgt Ion:149 Resp: 1040069
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.8 3.8 5.8





#87

Chrysene

Concen: 21.248 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

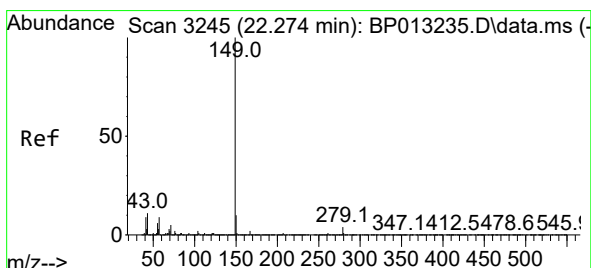
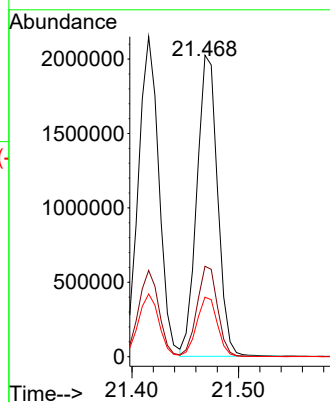
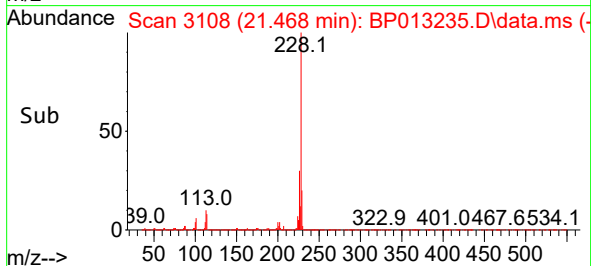
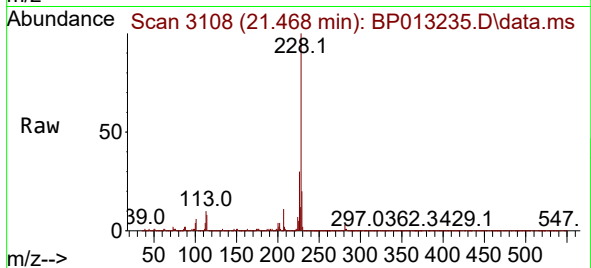
Tgt Ion:228 Resp: 2735180

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.8 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 13.661 ng/ul

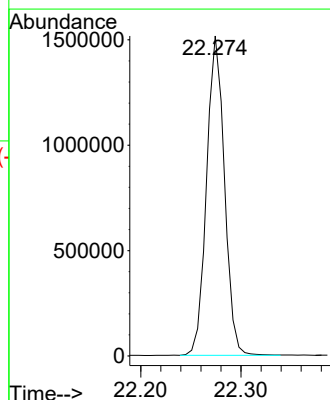
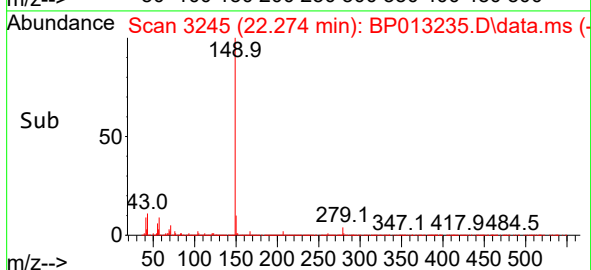
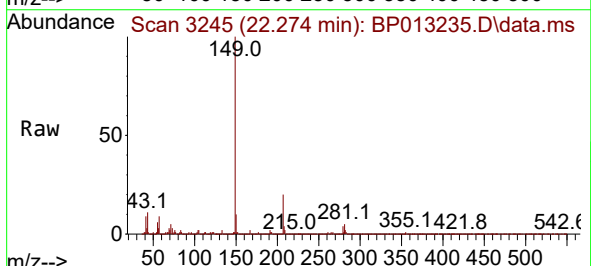
RT: 22.274 min Scan# 3245

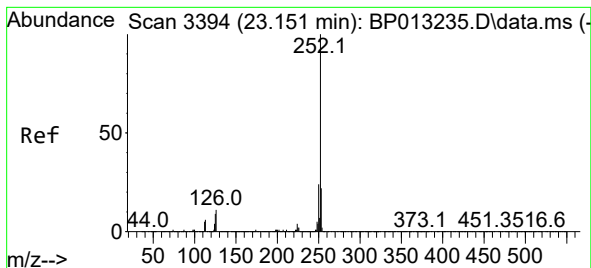
Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Tgt Ion:149 Resp: 1880411





#90

Benzo(b)fluoranthene

Concen: 20.077 ng/ul

RT: 23.151 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

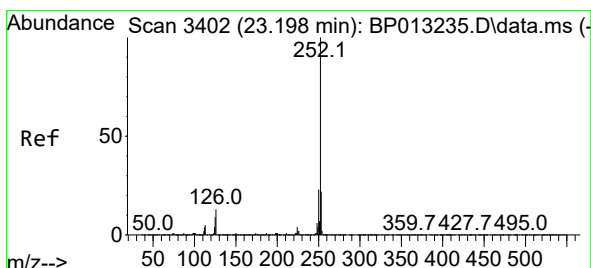
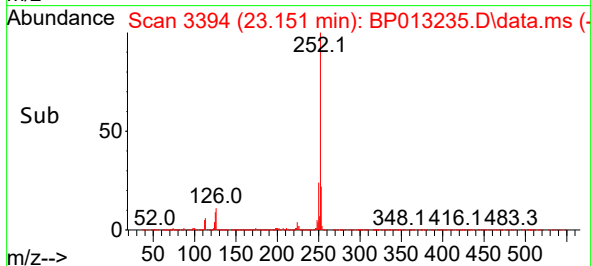
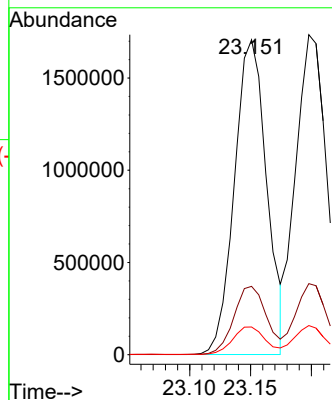
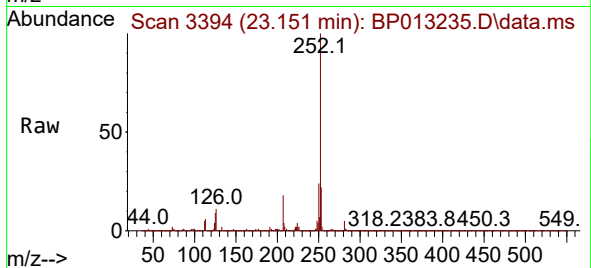
Tgt Ion:252 Resp: 3145460

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.8 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 20.043 ng/ul

RT: 23.198 min Scan# 3402

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

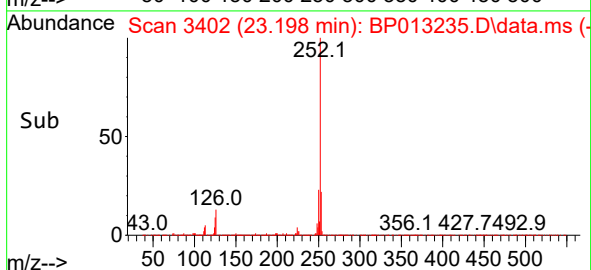
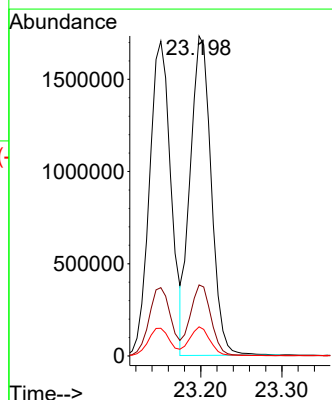
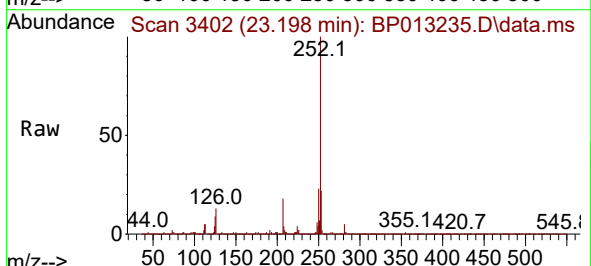
Tgt Ion:252 Resp: 3113811

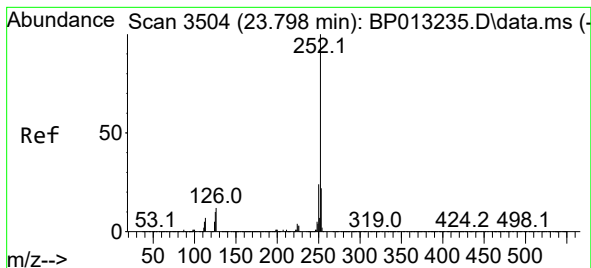
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.1 6.8 10.2





#93

Benzo(a)pyrene

Concen: 20.740 ng/ul

RT: 23.798 min Scan# 3504

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

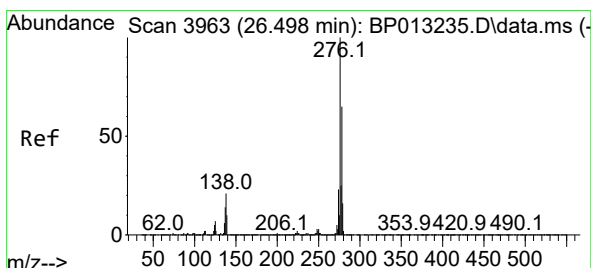
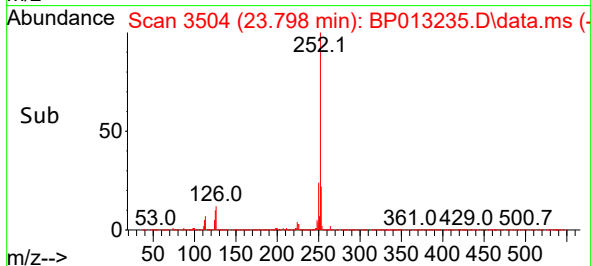
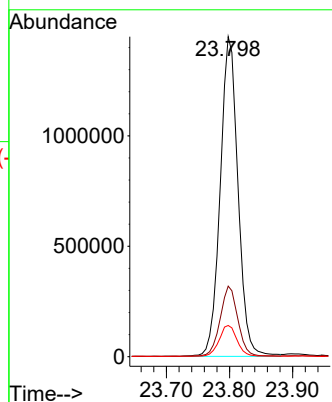
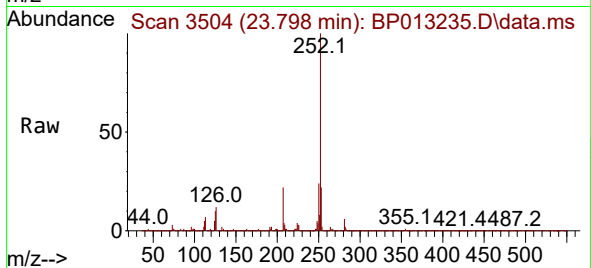
Tgt Ion:252 Resp: 2829241

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.884 ng/ul

RT: 26.498 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

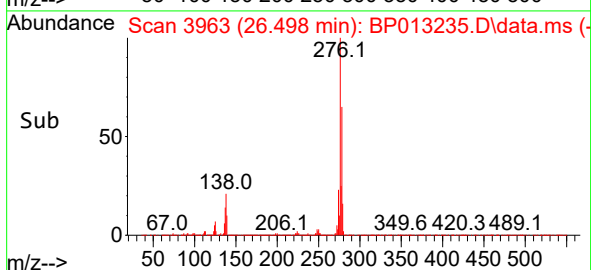
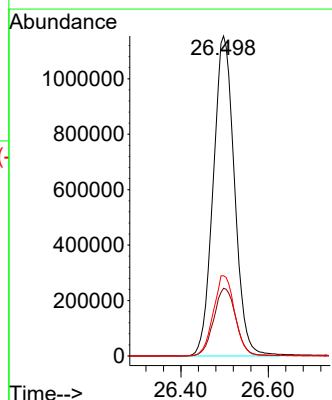
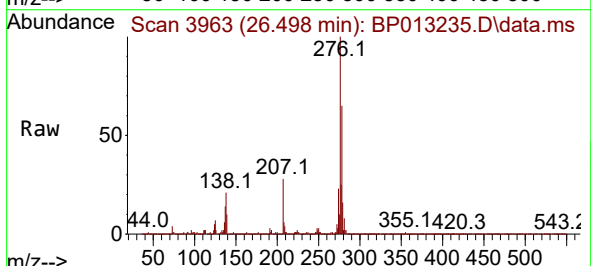
Tgt Ion:276 Resp: 3888580

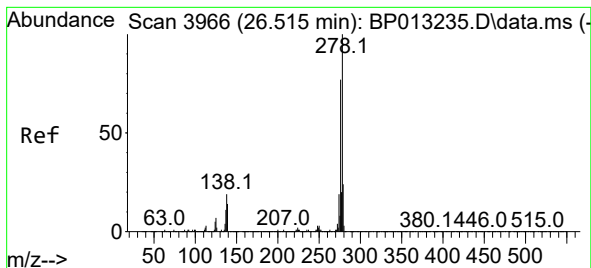
Ion Ratio Lower Upper

276 100

138 21.2 17.1 25.7

277 25.1 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 23.158 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. -0.006 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Instrument :

BNA_P

ClientSampleId :

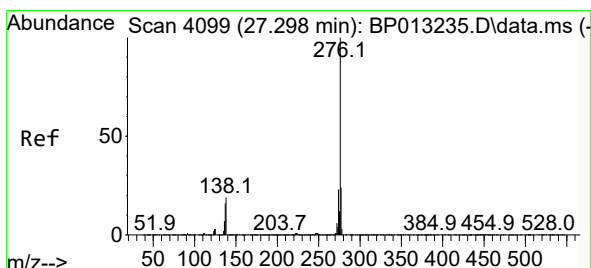
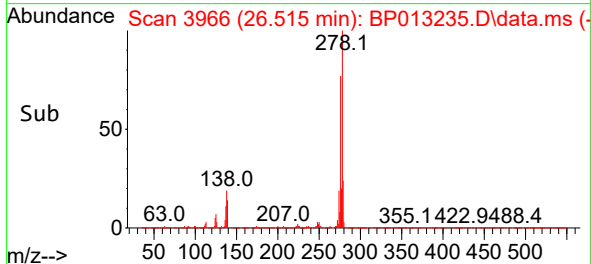
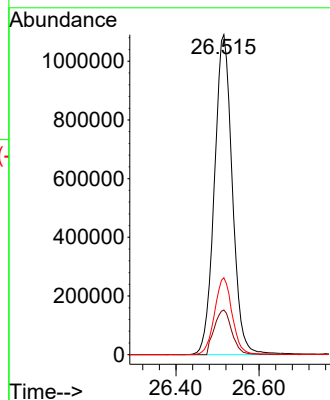
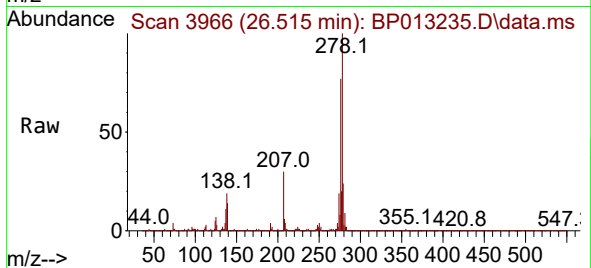
Tgt Ion:278 Resp: 3258151

Ion Ratio Lower Upper

278 100

139 13.9 11.1 16.7

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 23.247 ng/ul

RT: 27.298 min Scan# 4099

Delta R.T. -0.000 min

Lab File: BP013235.D

Acq: 22 Dec 2022 08:46

Tgt Ion:276 Resp: 3171319

Ion Ratio Lower Upper

276 100

138 18.6 15.4 23.2

277 24.0 19.1 28.7

