

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012125.D
 Acq On : 13 Oct 2022 17:38
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 13 23:34:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	285664	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	1170485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	617800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1045168	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1089308	20.000	ng/ul	0.00
88) Perylene-d12	23.763	264	1195307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55103	7.605	ng/uL	0.00
4) Pyridine-d5	3.699	84	400551	20.788	ng/ul	0.00
7) Phenol-d5	7.016	99	479665	20.878	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	266391	20.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	387592	21.253	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	362053	20.517	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	185979	22.498	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	195529	23.327	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	353209	21.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	484102	20.222	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	798613	20.411	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1038278	21.460	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	134851	17.556	ng/ul	0.00
60) Fluorene-d10	15.492	176	704769	19.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	104032	18.850	ng/ul	0.00
73) Anthracene-d10	17.357	188	955652	21.056	ng/ul	0.00
81) Pyrene-d10	19.592	212	1053651	18.881	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	1216357	20.933	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	58387	7.658	ng/uL	96
5) Pyridine	3.717	79	387256	20.976	ng/ul	96
6) Benzaldehyde	6.993	77	264210	24.511	ng/ul	99
8) Phenol	7.046	94	501586	20.796	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	390897	20.541	ng/ul	99
12) 2-Chlorophenol	7.410	128	419030	21.172	ng/ul	99
13) 2-Methylphenol	8.299	108	375345	20.865	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	393582	20.178	ng/ul	97
16) Acetophenone	8.681	105	568900	20.911	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.663	70	261232	21.082	ng/ul	99
18) 4-Methylphenol	8.628	108	402494	20.758	ng/ul	96
19) Hexachloroethane	8.928	117	161794	21.177	ng/ul	99
22) Nitrobenzene	9.057	77	412894	21.789	ng/ul	98
23) Isophorone	9.587	82	717983	21.360	ng/ul	100
25) 2-Nitrophenol	9.769	139	223498	22.695	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	405502	21.143	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	481270	20.865	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	364457	21.349	ng/ul	99
30) Naphthalene	10.704	128	1284961	20.774	ng/ul	100
32) 4-Chloroaniline	10.822	127	501266	20.310	ng/ul	99
33) Hexachlorobutadiene	10.987	225	222056	20.976	ng/ul	98
34) Caprolactam	11.616	113	83893	17.883	ng/ul	100
35) 4-Chloro-3-methylphenol	11.951	107	333375	20.613	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	818889	20.560	ng/ul	100

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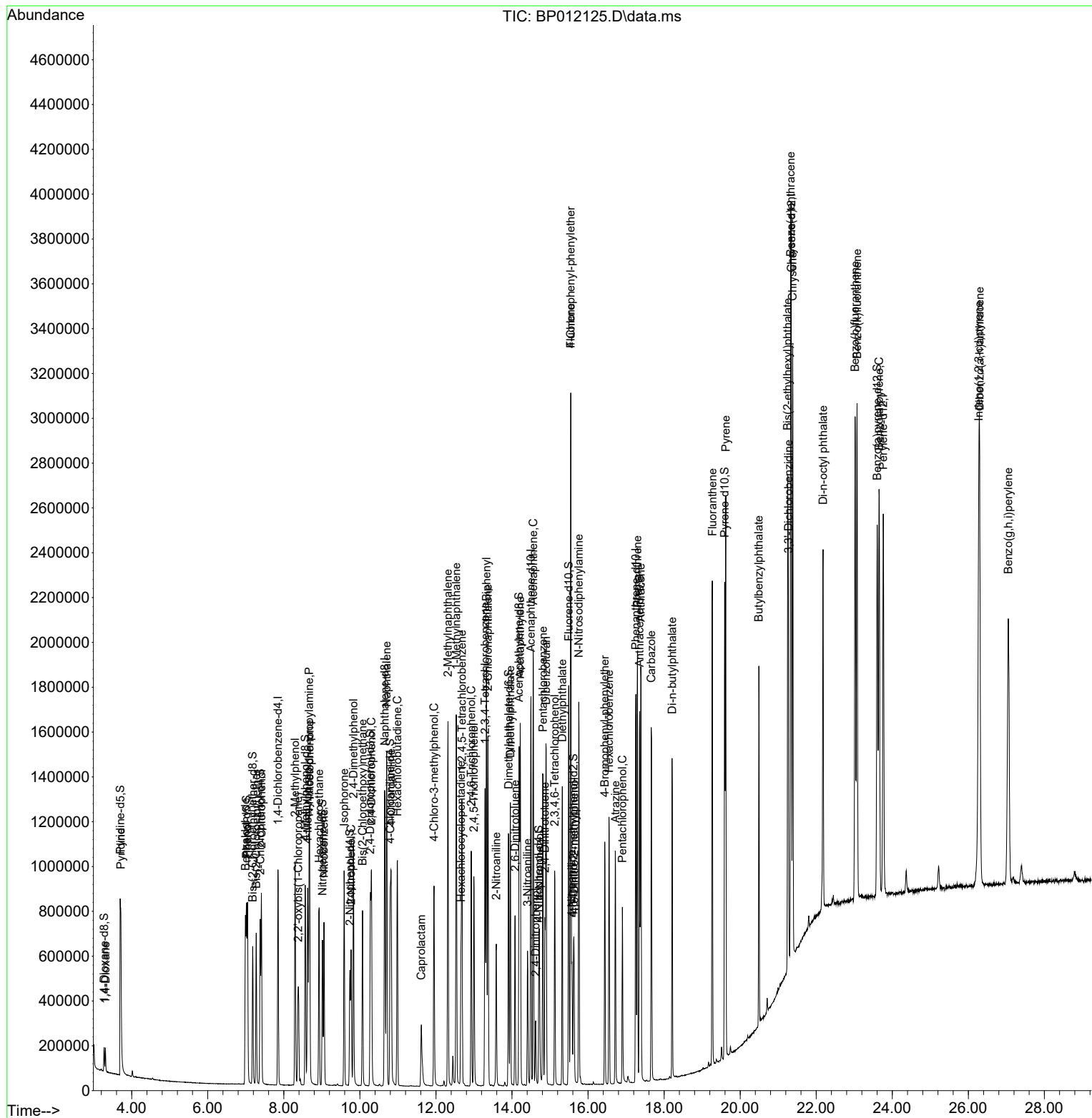
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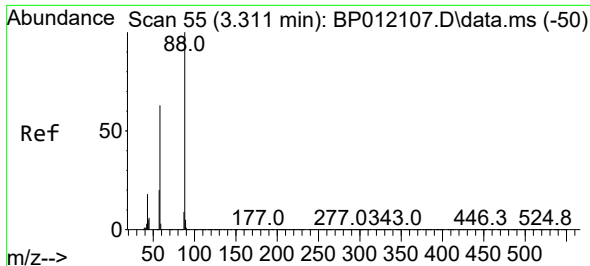
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	811123	20.336	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	409312	21.674	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	155050	16.903	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	251341	22.094	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	263132	21.283	ng/ul	100
43) 1,1'-Biphenyl	13.328	154	1000842	21.459	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	797052	21.401	ng/ul	99
45) 2-Nitroaniline	13.587	65	172918	21.764	ng/ul	96
47) Dimethylphthalate	13.957	163	835794	20.275	ng/ul	100
48) 2,6-Dinitrotoluene	14.081	165	157760	21.616	ng/ul	99
50) Acenaphthylene	14.216	152	1153669	21.073	ng/ul	100
51) 3-Nitroaniline	14.410	138	170707	20.087	ng/ul	99
52) Acenaphthene	14.557	153	806650	20.698	ng/ul	100
53) 2,4-Dinitrophenol	14.622	184	67865	14.394	ng/ul	99
55) 4-Nitrophenol	14.722	109	94394	17.775	ng/ul	92
56) Dibenzofuran	14.898	168	1064763	20.215	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	216572	20.647	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.122	232	194606	20.195	ng/ul	97
59) Diethylphthalate	15.322	149	759217	20.110	ng/ul	100
61) Fluorene	15.545	166	837308	20.252	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.545	204	405948	20.296	ng/ul	97
63) 4-Nitroaniline	15.575	138	164916	21.252	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.634	198	114739	19.231	ng/ul	93
67) N-Nitrosodiphenylamine	15.757	169	678277	21.925	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	219824	21.614	ng/ul	96
69) Hexachlorobenzene	16.551	284	246214	20.858	ng/ul	99
70) Atrazine	16.722	200	191183	20.097	ng/ul	99
71) Pentachlorophenol	16.904	266	136375	19.719	ng/ul	99
72) Phenanthrene	17.298	178	1182405	20.803	ng/ul	99
74) Anthracene	17.386	178	1183819	21.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	402781	23.849	ng/uL	98
76) Pentachlorobenzene	14.816	250	373481	22.517	ng/uL	99
77) Carbazole	17.663	167	1058876	21.107	ng/ul	100
78) Di-n-butylphthalate	18.210	149	1029392	20.677	ng/ul	100
80) Fluoranthene	19.269	202	1284630	18.786	ng/ul	99
82) Pyrene	19.622	202	1383116	19.113	ng/ul	100
83) Butylbenzylphthalate	20.492	149	465394	20.287	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.269	252	480702	20.026	ng/ul	99
85) Benzo(a)anthracene	21.327	228	1447902	21.117	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.251	149	637889	20.627	ng/ul	99
87) Chrysene	21.380	228	1374676	20.828	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1179772	19.715	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	1605254	21.216	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	1509388	20.281	ng/ul	99
93) Benzo(a)pyrene	23.657	252	1413167	20.935	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.274	276	1741933	20.409	ng/ul	97
95) Dibenzo(a,h)anthracene	26.298	278	1561968	20.399	ng/ul	98
96) Benzo(g,h,i)perylene	27.051	276	1532210	19.911	ng/ul#	95

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

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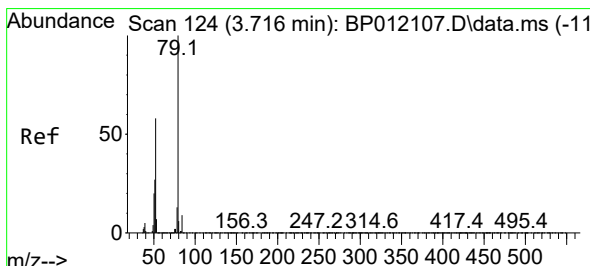
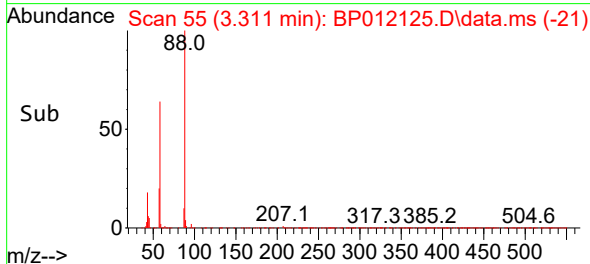
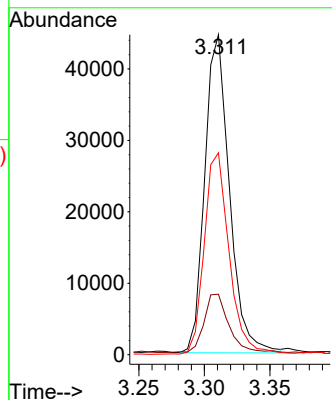
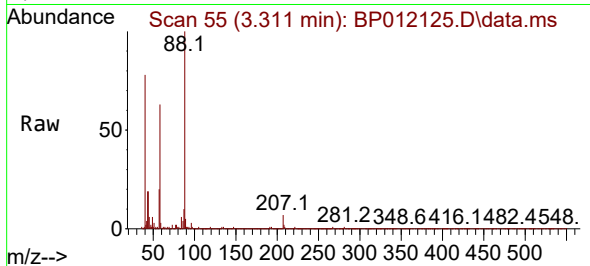




#2
 1,4-Dioxane
 Concen: 7.658 ng/uL
 RT: 3.311 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BP012125.D
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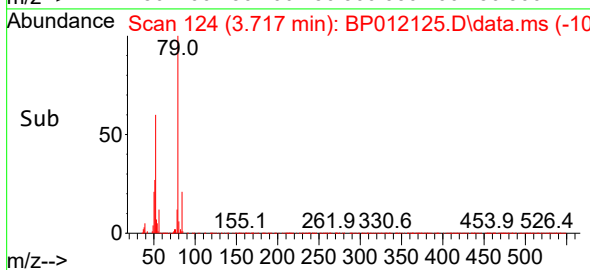
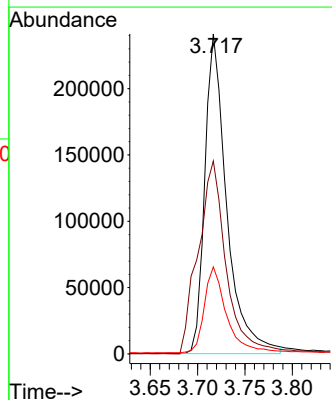
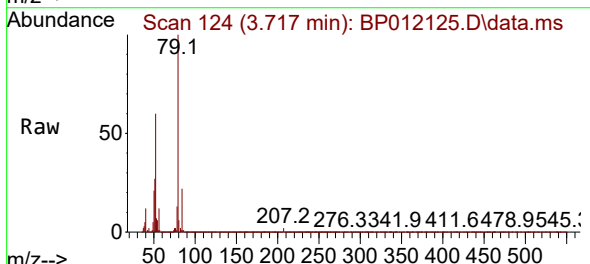
Instrument :
 BNA_P
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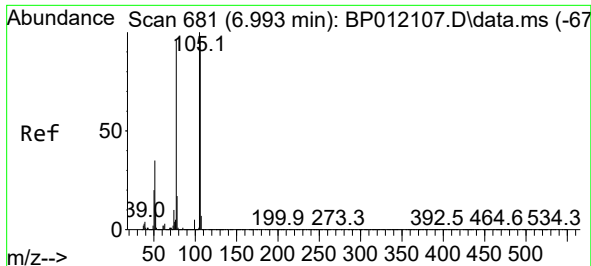
Tgt Ion: 88 Resp: 58387
 Ion Ratio Lower Upper
 88 100
 43 18.9 16.6 25.0
 58 63.1 52.6 79.0



#5
 Pyridine
 Concen: 20.976 ng/uL
 RT: 3.717 min Scan# 124
 Delta R.T. -0.000 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

Tgt Ion: 79 Resp: 387256
 Ion Ratio Lower Upper
 79 100
 52 60.3 51.2 76.8
 51 27.2 22.8 34.2

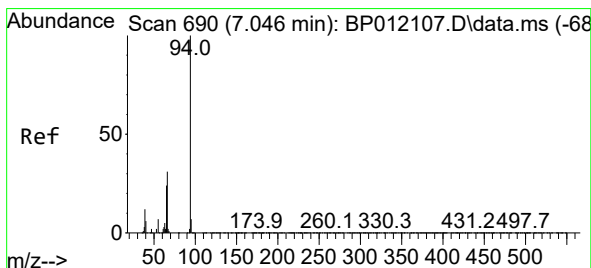
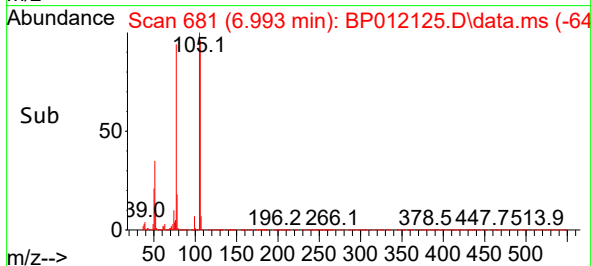
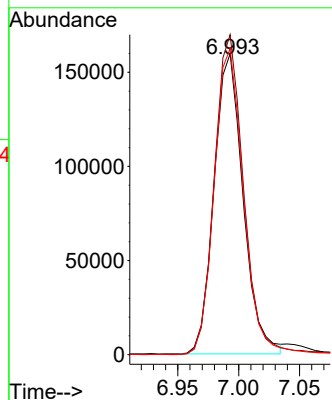
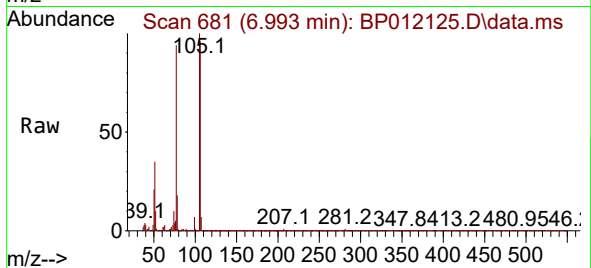




#6
Benzaldehyde
Concen: 24.511 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

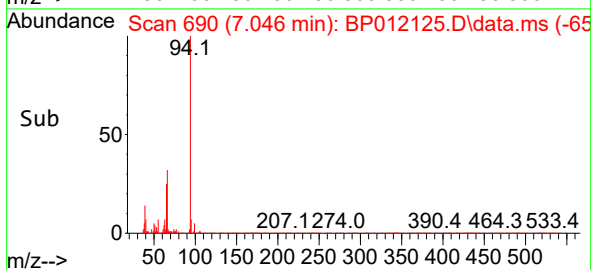
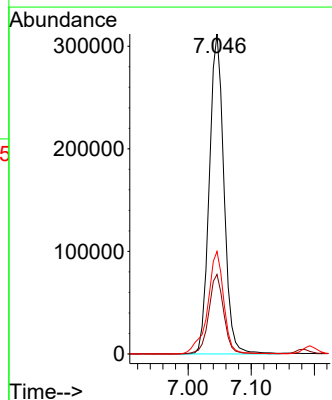
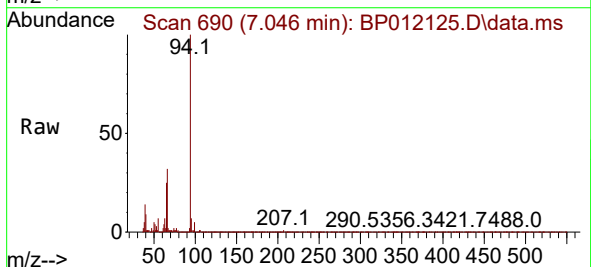
Instrument :
BNA_P
ClientSampleId :

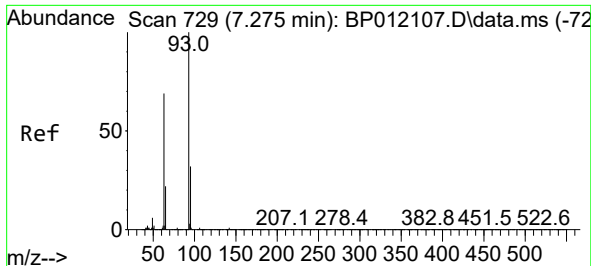
Tgt Ion: 77 Resp: 264210
Ion Ratio Lower Upper
77 100
105 106.3 85.2 127.8
106 101.7 83.1 124.7



#8
Phenol
Concen: 20.796 ng/ul
RT: 7.046 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

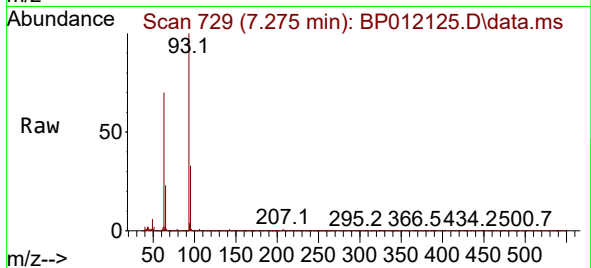
Tgt Ion: 94 Resp: 501586
Ion Ratio Lower Upper
94 100
65 24.9 19.4 29.0
66 32.1 24.6 37.0





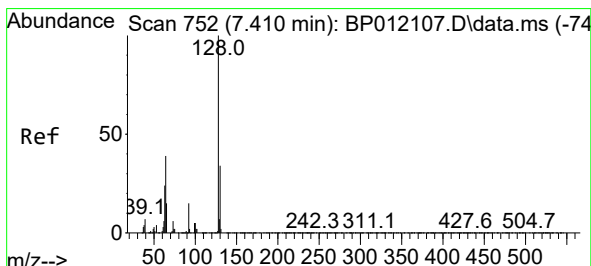
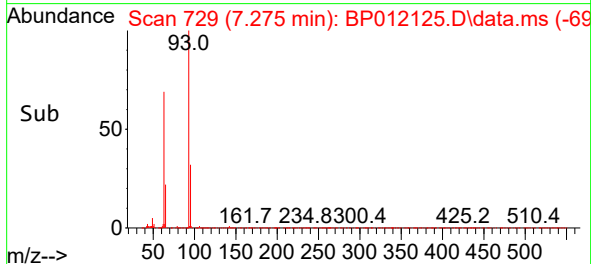
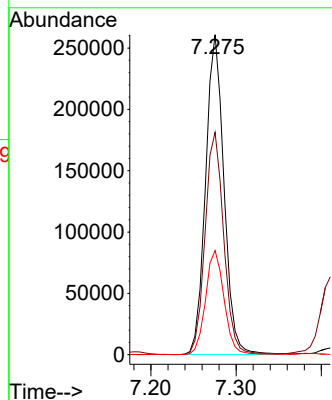
#10
 Bis(2-Chloroethyl)ether
 Concen: 20.541 ng/ul
 RT: 7.275 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 390897

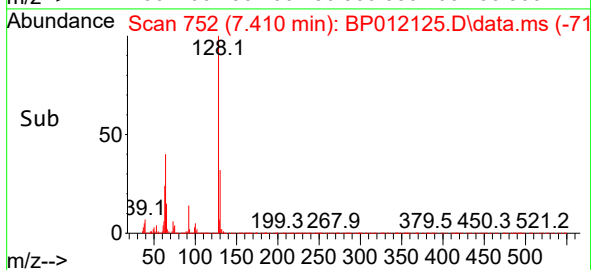
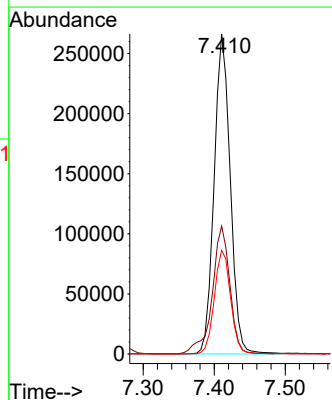
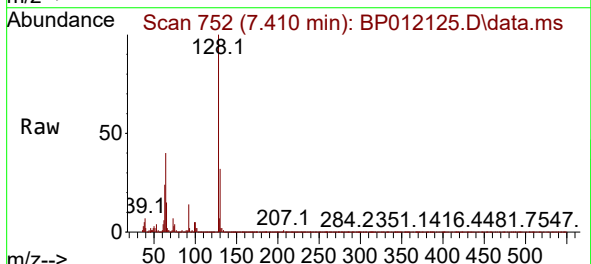
Ion	Ratio	Lower	Upper
93	100		
63	69.5	56.7	85.1
95	32.6	26.2	39.2

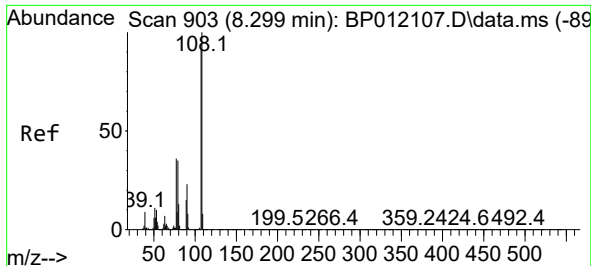


#12
 2-Chlorophenol
 Concen: 21.172 ng/ul
 RT: 7.410 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

Tgt Ion: 128 Resp: 419030

Ion	Ratio	Lower	Upper
128	100		
64	39.9	32.7	49.1
130	32.4	26.3	39.5





#13

2-Methylphenol

Concen: 20.865 ng/ul

RT: 8.299 min Scan# 903

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

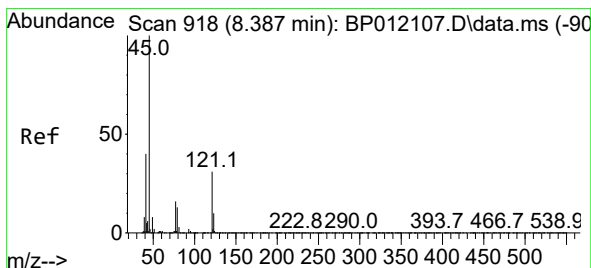
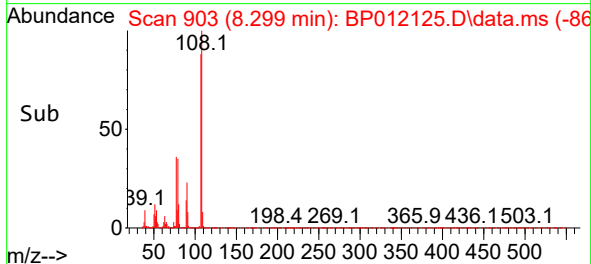
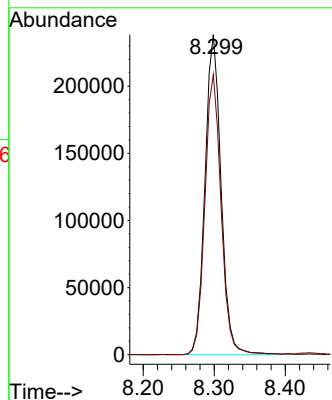
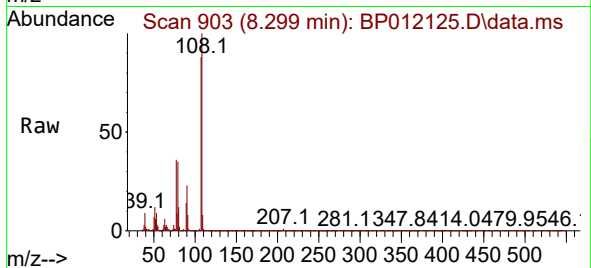
ClientSampleId :

Tgt Ion:108 Resp: 375345

Ion Ratio Lower Upper

108 100

107 87.6 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.178 ng/ul

RT: 8.381 min Scan# 917

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

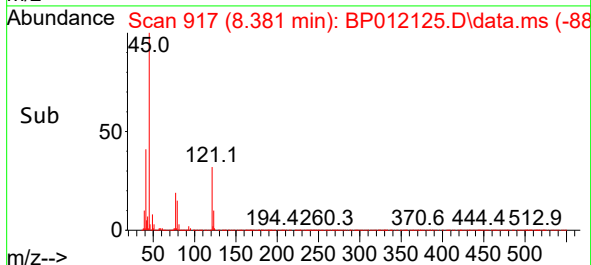
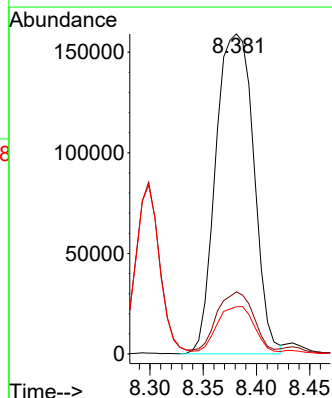
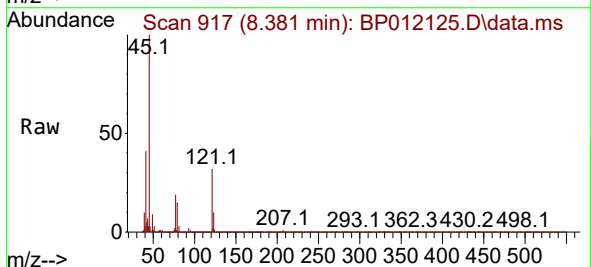
Tgt Ion: 45 Resp: 393582

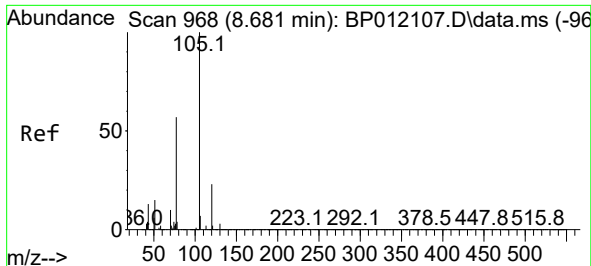
Ion Ratio Lower Upper

45 100

77 19.4 14.4 21.6

79 14.8 11.3 16.9

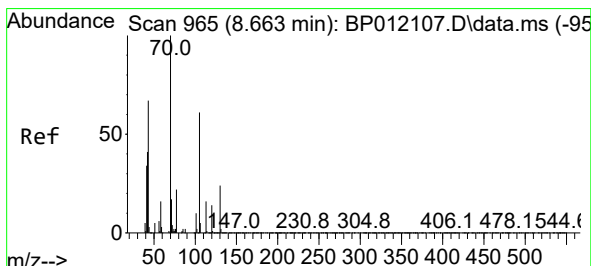
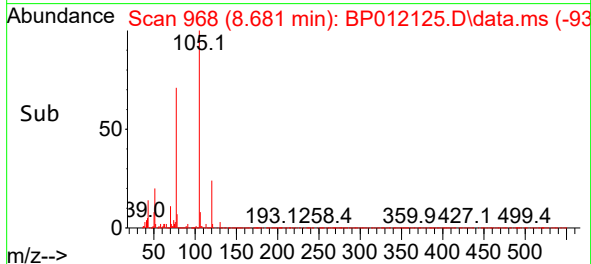
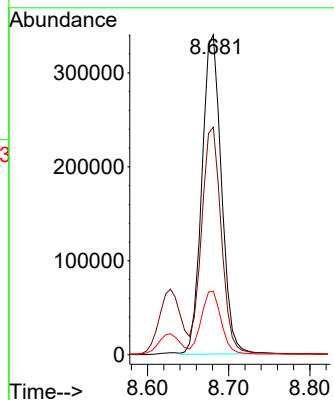
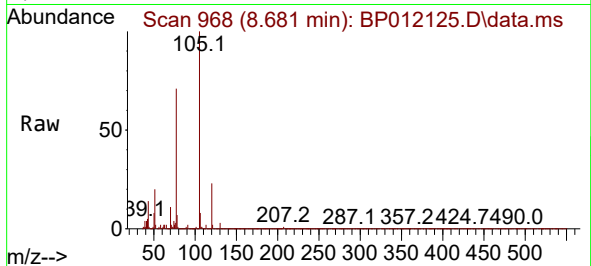




#16
Acetophenone
Concen: 20.911 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

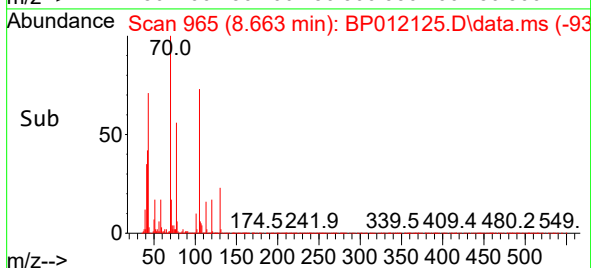
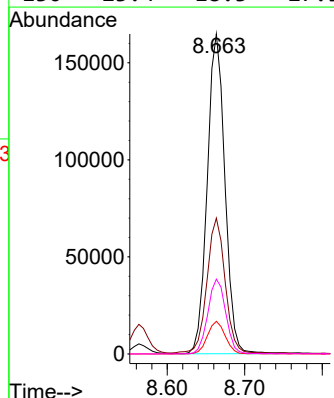
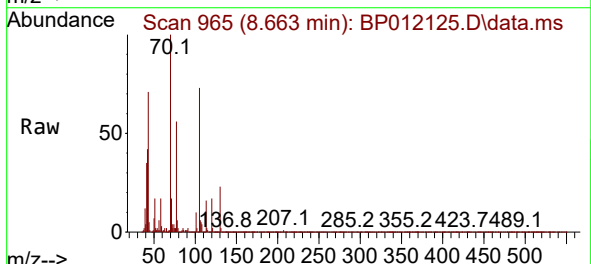
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ClientSampleId :

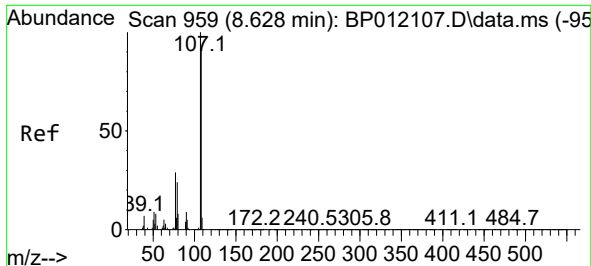
Tgt Ion:105 Resp: 568900
Ion Ratio Lower Upper
105 100
77 71.1 57.0 85.4
51 19.9 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 21.082 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion: 70 Resp: 261232
Ion Ratio Lower Upper
70 100
42 42.4 34.6 52.0
101 10.2 8.0 12.0
130 23.4 18.3 27.5

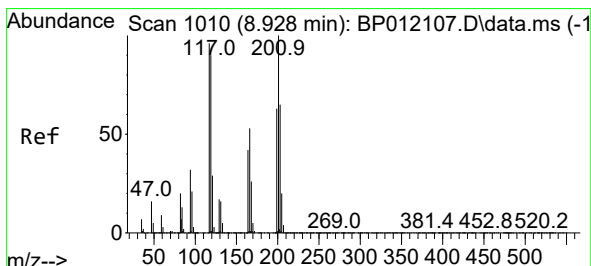
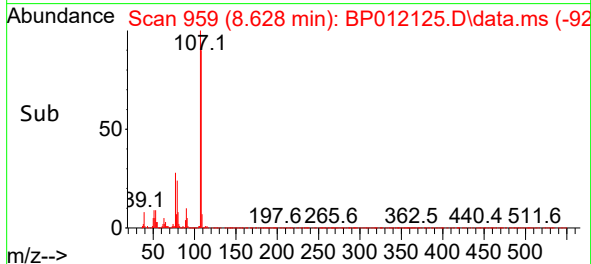
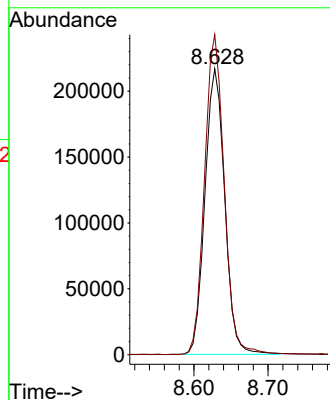
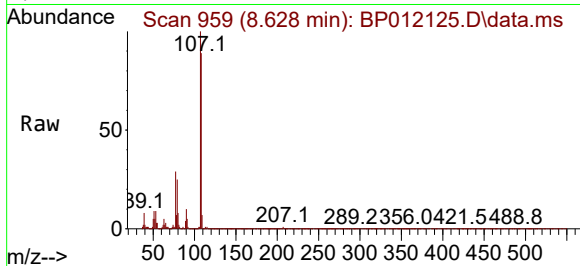




#18
4-Methylphenol
Concen: 20.758 ng/ul
RT: 8.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

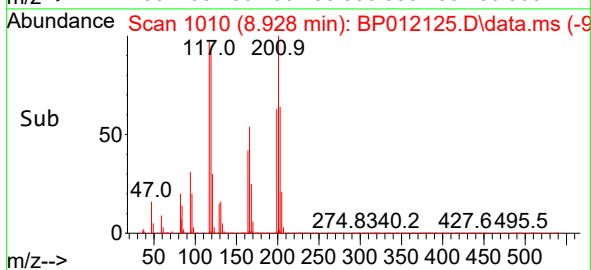
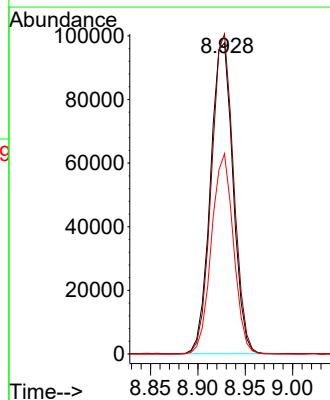
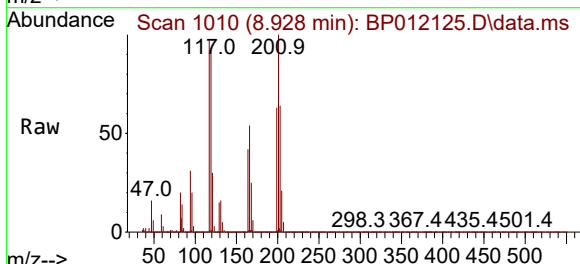
Instrument :
BNA_P
ClientSampleId :

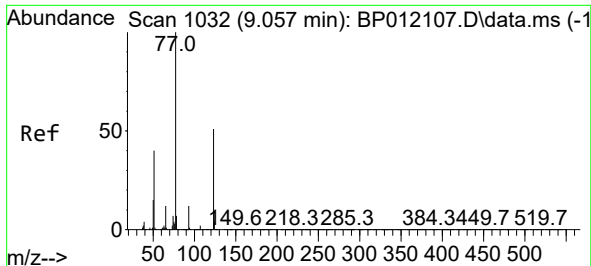
Tgt Ion:108 Resp: 402494
Ion Ratio Lower Upper
108 100
107 111.9 86.3 129.5



#19
Hexachloroethane
Concen: 21.177 ng/ul
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:117 Resp: 161794
Ion Ratio Lower Upper
117 100
201 102.9 82.3 123.5
199 64.4 50.0 75.0

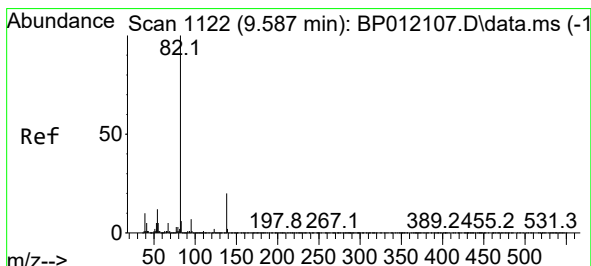
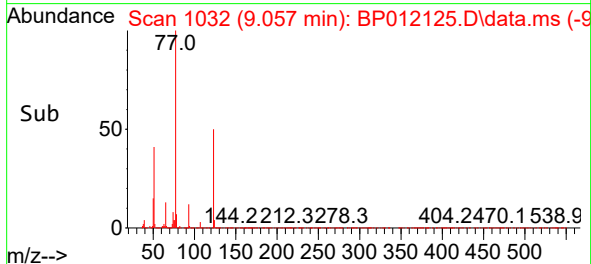
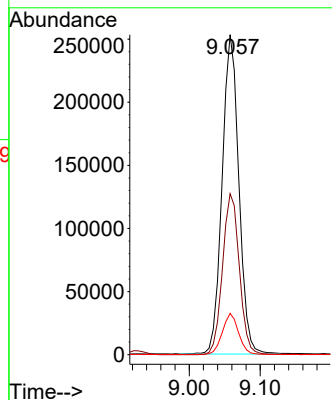
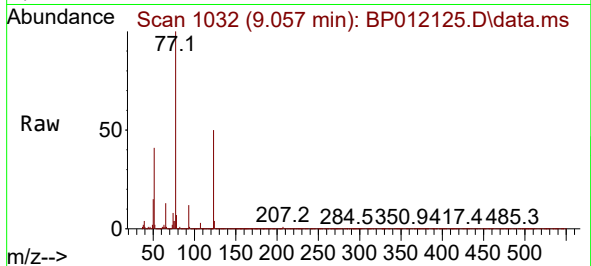




#22
Nitrobenzene
Concen: 21.789 ng/ul
RT: 9.057 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

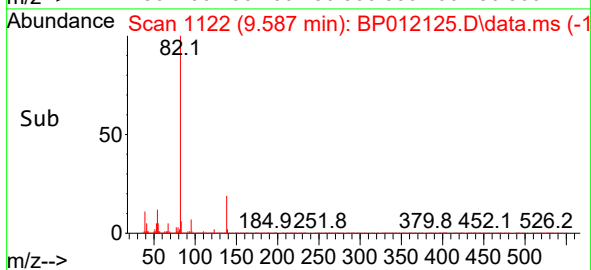
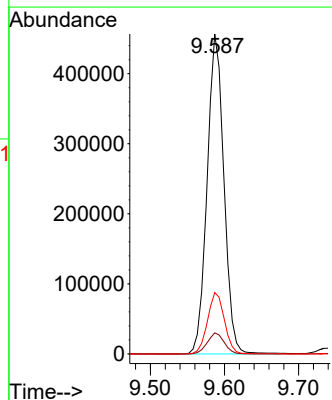
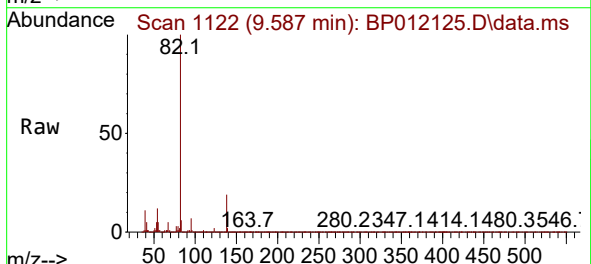
Instrument :
BNA_P
ClientSampleId :

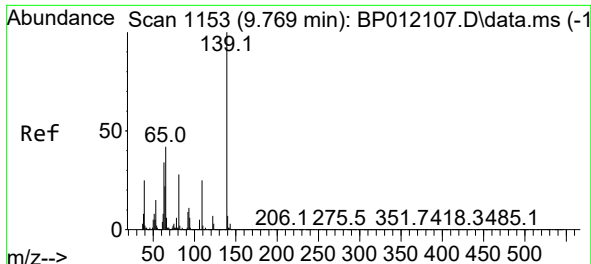
Tgt Ion: 77 Resp: 412894
Ion Ratio Lower Upper
77 100
123 50.3 39.4 59.0
65 12.9 9.9 14.9



#23
Isophorone
Concen: 21.360 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion: 82 Resp: 717983
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.2 15.2 22.8

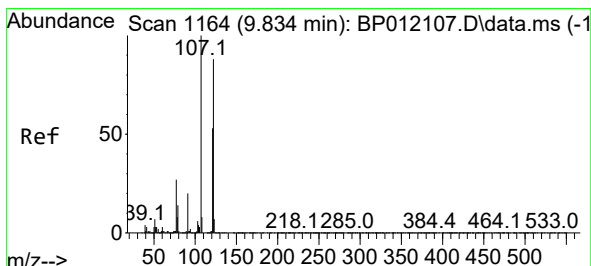
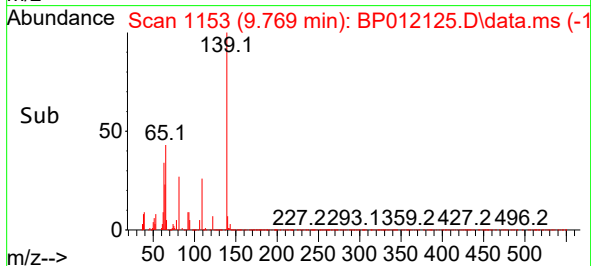
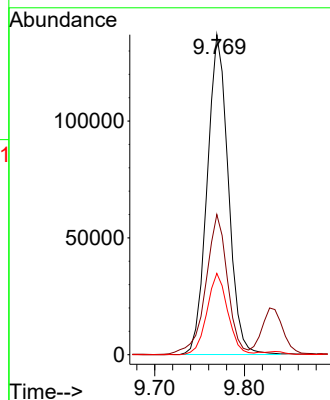
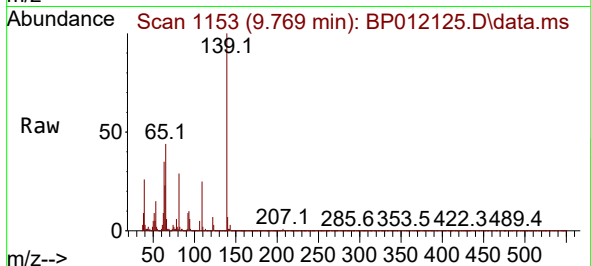




#25
2-Nitrophenol
Concen: 22.695 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

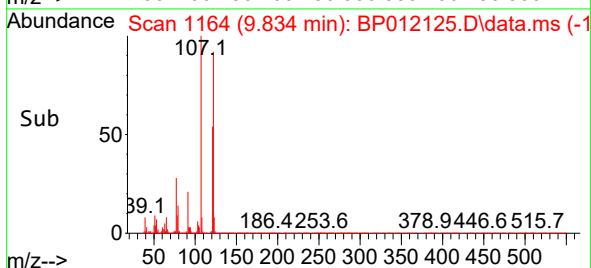
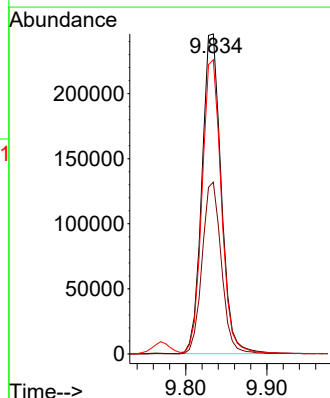
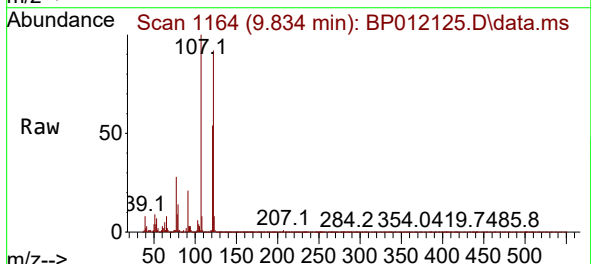
Instrument :
BNA_P
ClientSampleId :

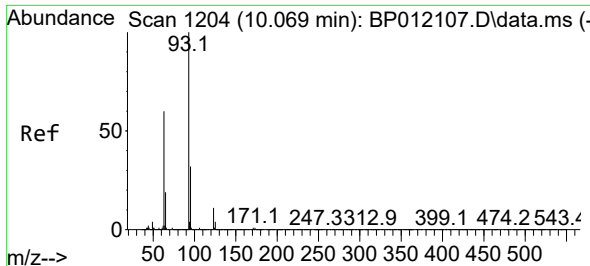
Tgt Ion:139	Resp: 223498
Ion Ratio	Lower Upper
139 100	
65 43.8	36.3 54.5
109 25.4	21.2 31.8



#26
2,4-Dimethylphenol
Concen: 21.143 ng/ul
RT: 9.834 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:107	Resp: 405502
Ion Ratio	Lower Upper
107 100	
121 53.7	43.0 64.4
122 91.9	71.4 107.2

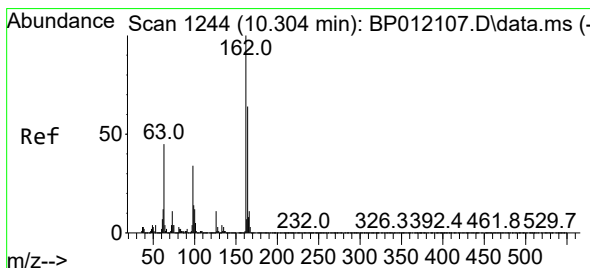
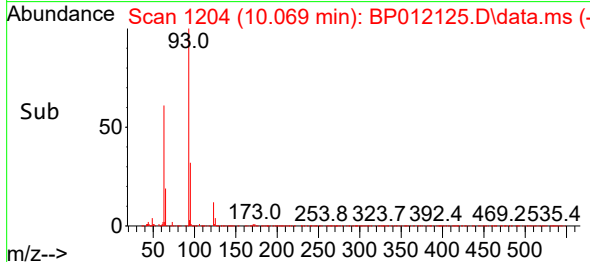
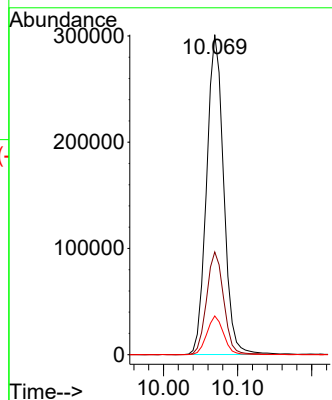
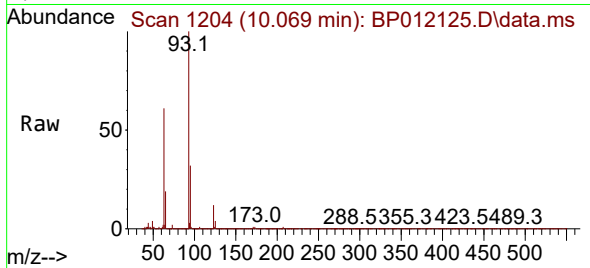




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.865 ng/ul
 RT: 10.069 min Scan# 1204
 Delta R.T. -0.006 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

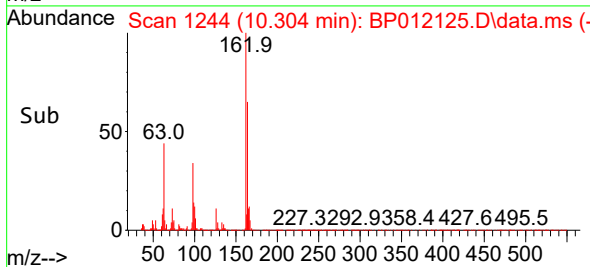
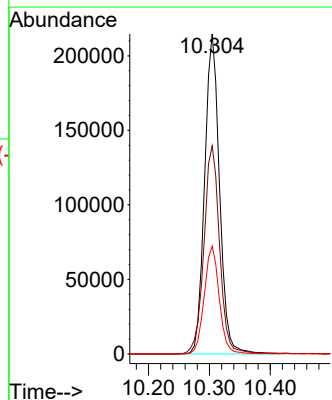
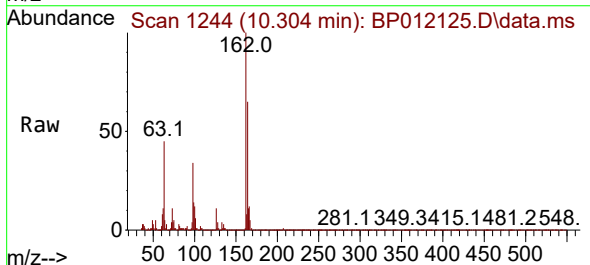
Instrument :
 BNA_P
 ClientSampleId :

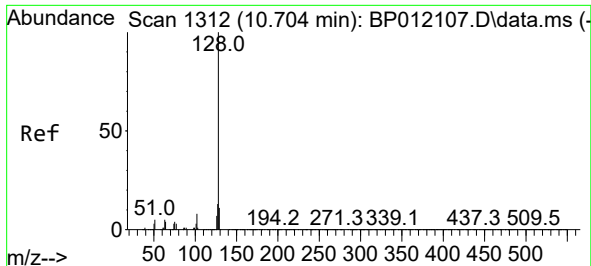
Tgt Ion: 93 Resp: 481270
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 12.1 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 21.349 ng/ul
 RT: 10.304 min Scan# 1244
 Delta R.T. -0.006 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

Tgt Ion:162 Resp: 364457
 Ion Ratio Lower Upper
 162 100
 164 65.1 51.5 77.3
 98 33.7 26.3 39.5

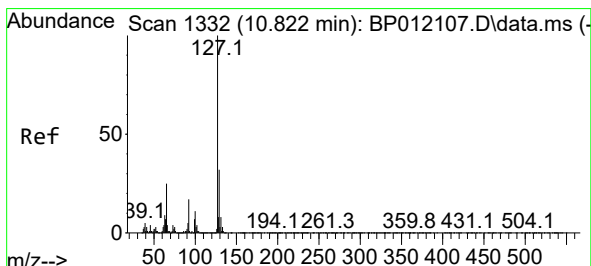
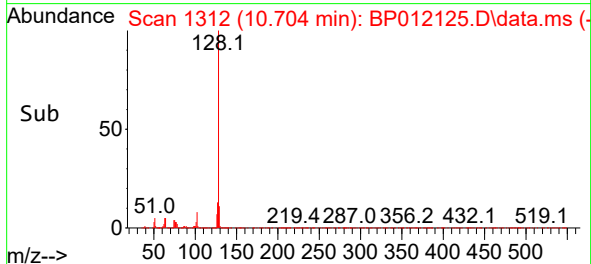
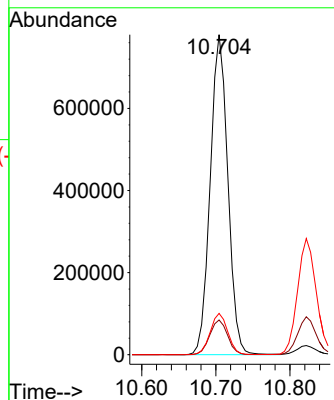
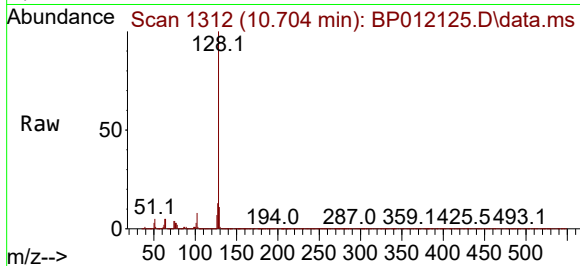




#30
Naphthalene
Concen: 20.774 ng/ul
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

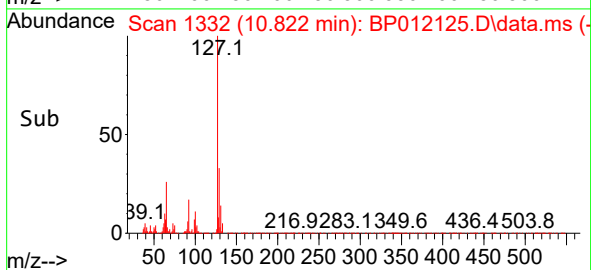
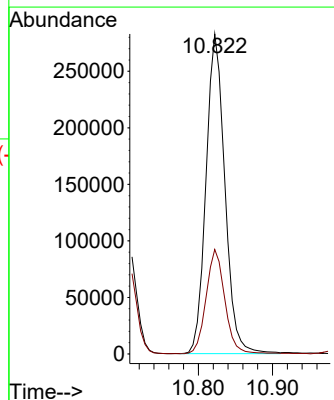
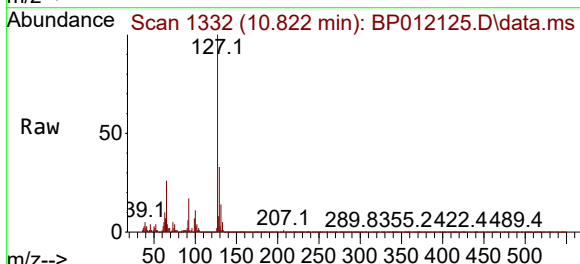
Instrument :
BNA_P
ClientSampleId :

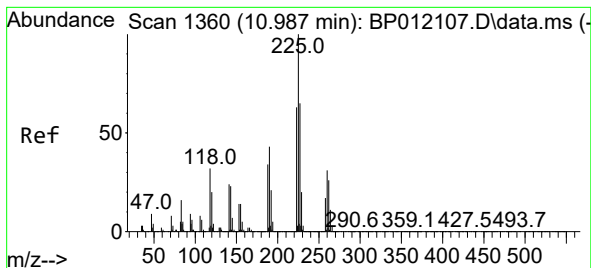
Tgt Ion:128 Resp: 1284961
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.2 15.4



#32
4-Chloroaniline
Concen: 20.310 ng/ul
RT: 10.822 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:127 Resp: 501266
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4





#33

Hexachlorobutadiene

Concen: 20.976 ng/ul

RT: 10.987 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

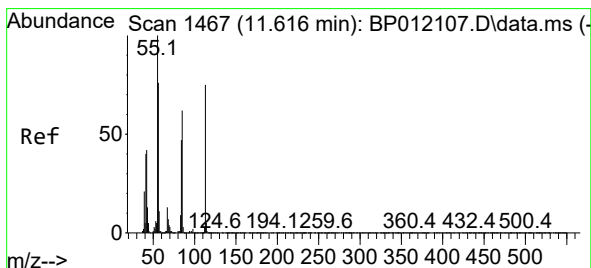
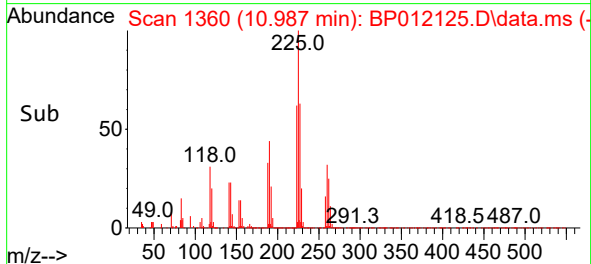
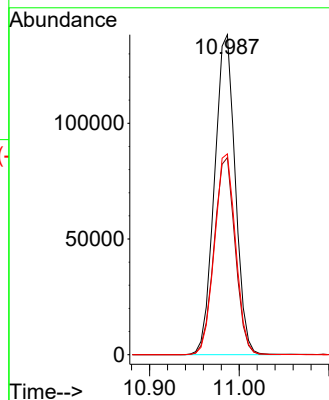
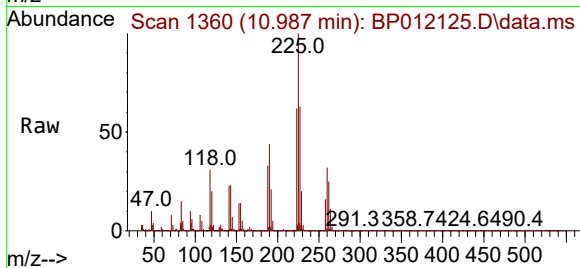
Tgt Ion:225 Resp: 222056

Ion Ratio Lower Upper

225 100

223 61.6 50.9 76.3

227 62.7 51.1 76.7



#34

Caprolactam

Concen: 17.883 ng/ul

RT: 11.616 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

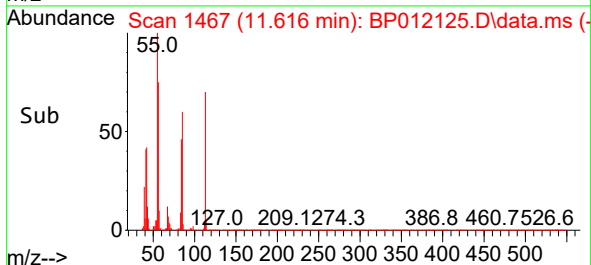
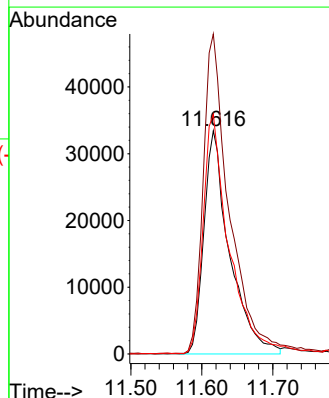
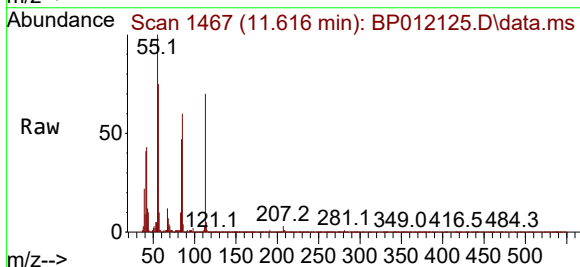
Tgt Ion:113 Resp: 83893

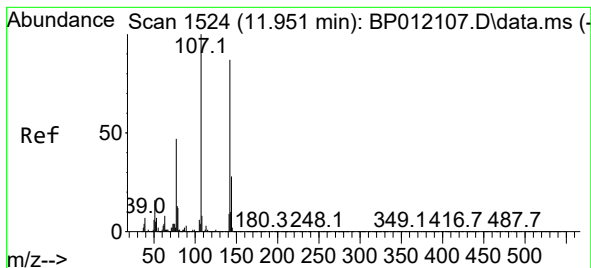
Ion Ratio Lower Upper

113 100

55 143.4 115.2 172.8

56 107.5 85.6 128.4

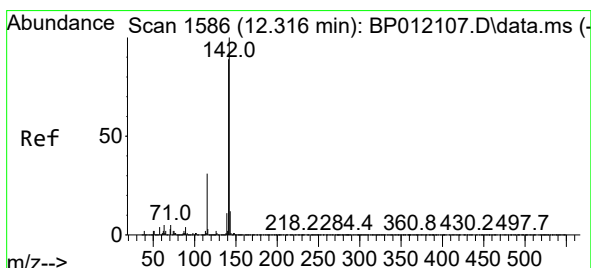
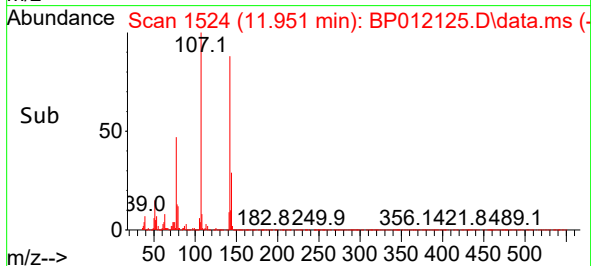
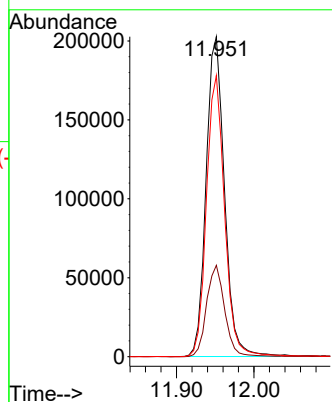
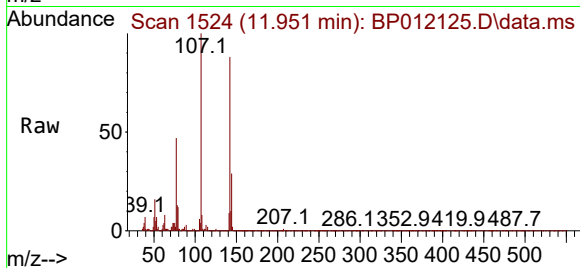




#35
4-Chloro-3-methylphenol
Concen: 20.613 ng/ul
RT: 11.951 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

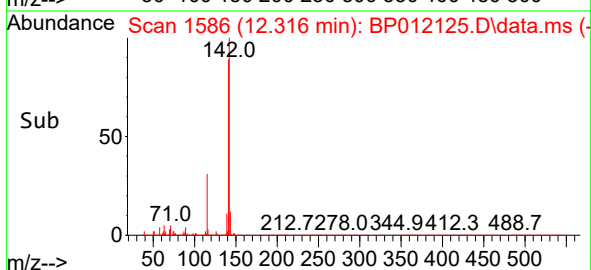
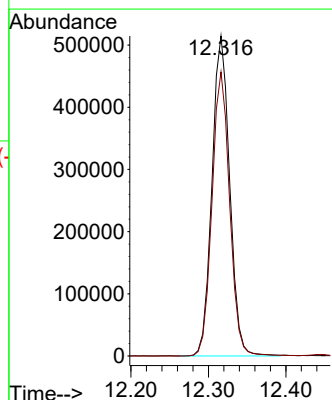
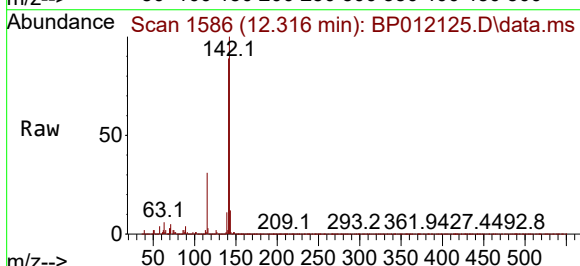
Instrument :
BNA_P
ClientSampleId :

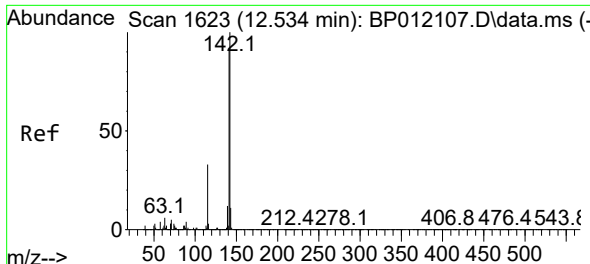
Tgt Ion:107 Resp: 333375
Ion Ratio Lower Upper
107 100
144 28.6 23.0 34.4
142 87.8 69.8 104.8



#36
2-Methylnaphthalene
Concen: 20.560 ng/ul
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:142 Resp: 818889
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1

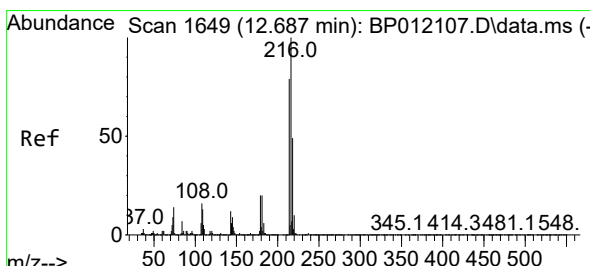
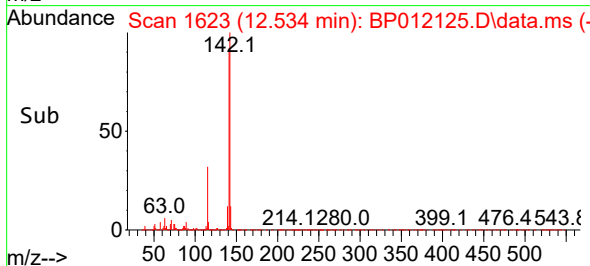
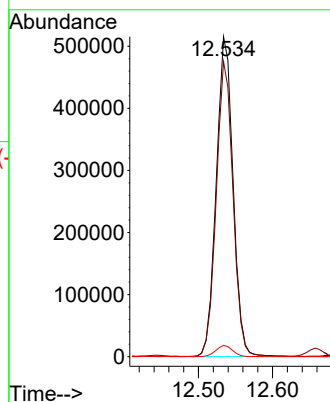
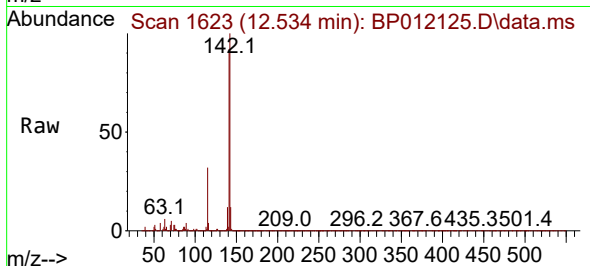




#37
1-Methylnaphthalene
Concen: 20.336 ng/ul
RT: 12.534 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

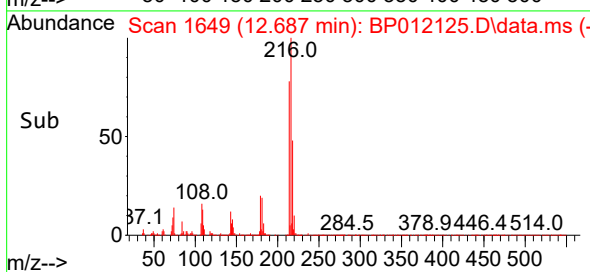
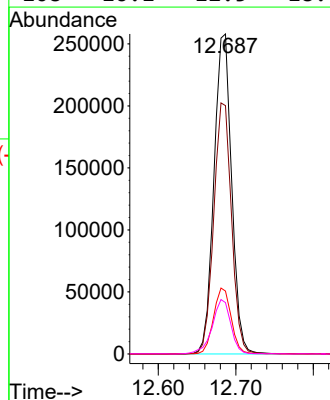
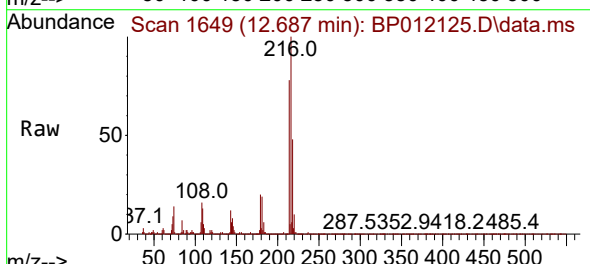
Instrument :
BNA_P
ClientSampleId :

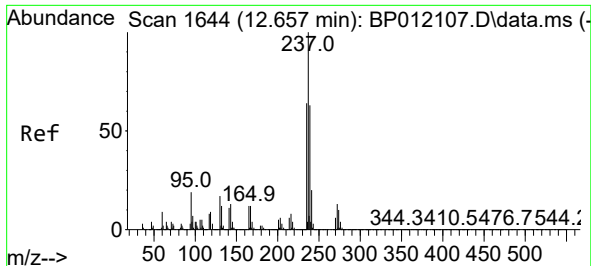
Tgt Ion:142 Resp: 811123
Ion Ratio Lower Upper
142 100
141 92.2 72.9 109.3
116 3.5 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.674 ng/ul
RT: 12.687 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:216 Resp: 409312
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.4
179 19.7 16.3 24.5
108 16.1 12.5 18.7

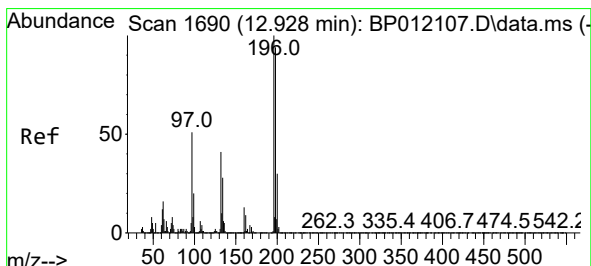
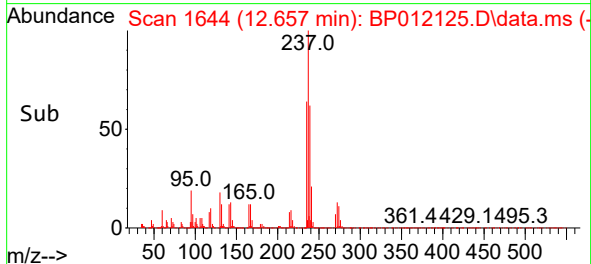
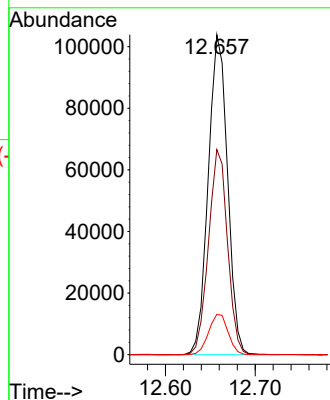
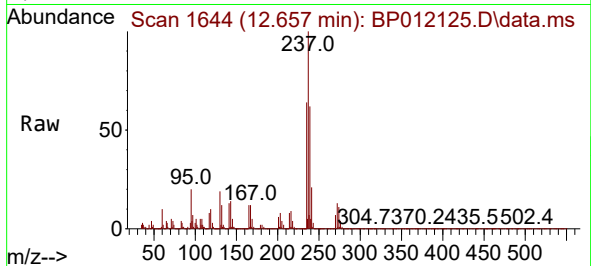




#40
Hexachlorocyclopentadiene
Concen: 16.903 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

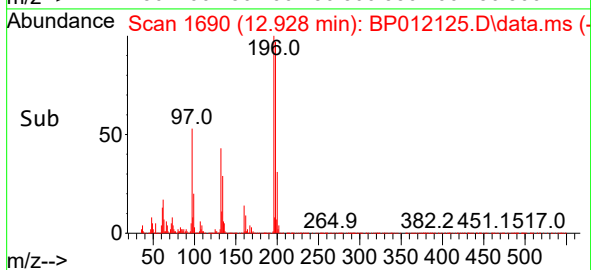
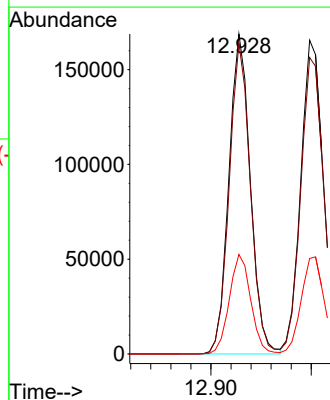
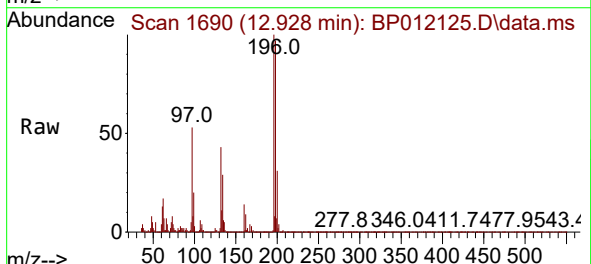
Instrument :
BNA_P
ClientSampleId :

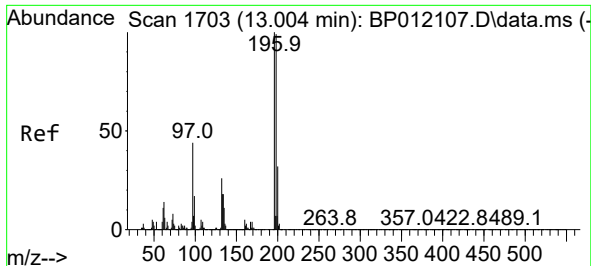
Tgt Ion:237 Resp: 155050
Ion Ratio Lower Upper
237 100
235 64.1 49.8 74.8
272 12.6 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 22.094 ng/ul
RT: 12.928 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:196 Resp: 251341
Ion Ratio Lower Upper
196 100
198 97.1 76.2 114.2
200 31.1 24.2 36.2

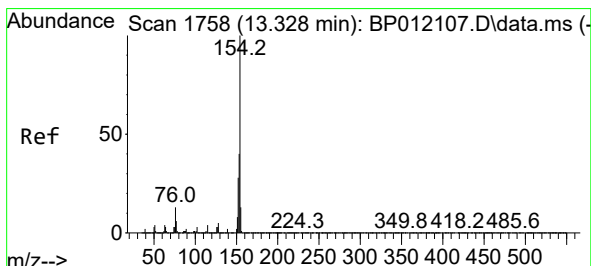
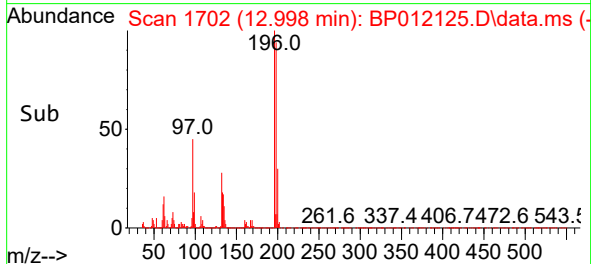
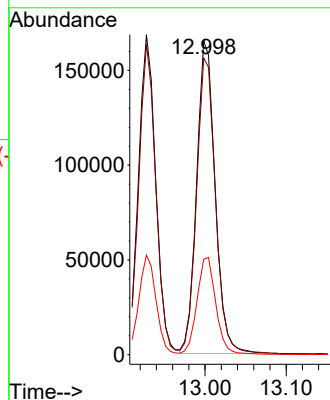
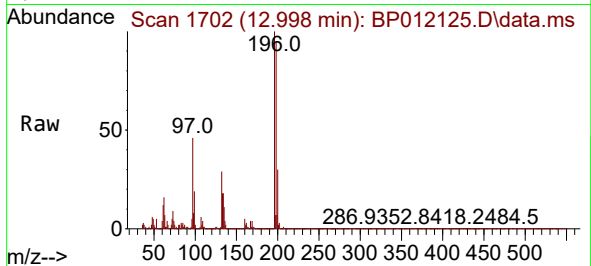




#42
2,4,5-Trichlorophenol
Concen: 21.283 ng/ul
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

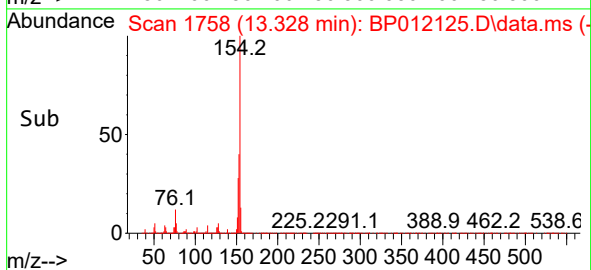
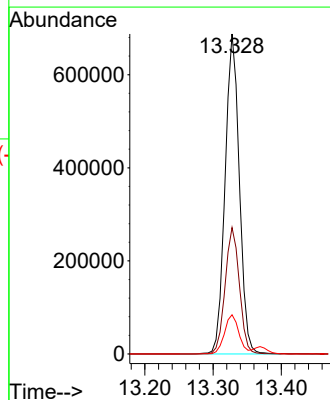
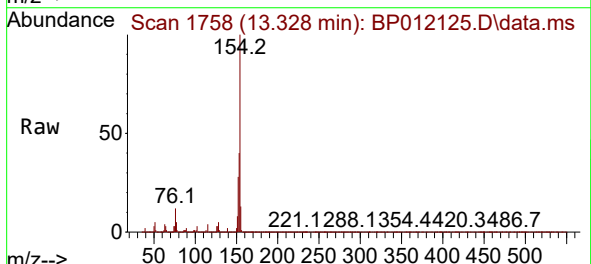
Instrument :
BNA_P
ClientSampleId :

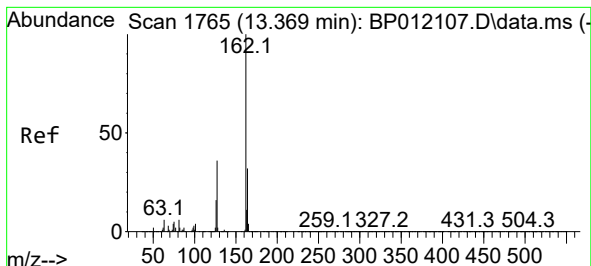
Tgt Ion:196 Resp: 263132
Ion Ratio Lower Upper
196 100
198 94.5 75.4 113.2
200 30.4 24.8 37.2



#43
1,1'-Biphenyl
Concen: 21.459 ng/ul
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:154 Resp: 1000842
Ion Ratio Lower Upper
154 100
153 39.5 32.2 48.2
76 12.2 10.3 15.5





#44

2-Chloronaphthalene

Concen: 21.401 ng/ul

RT: 13.369 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

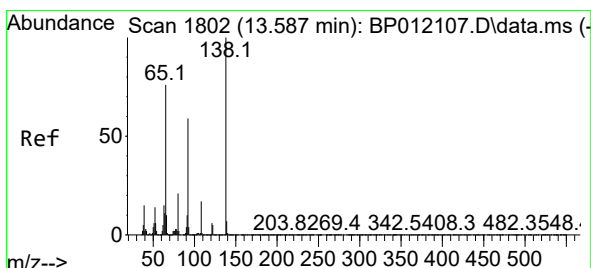
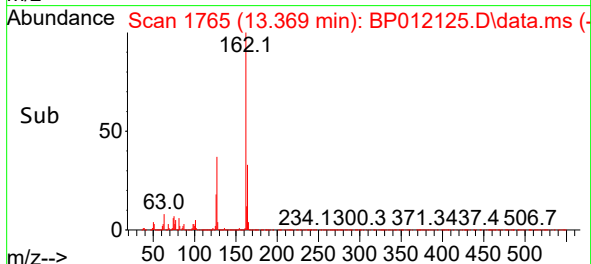
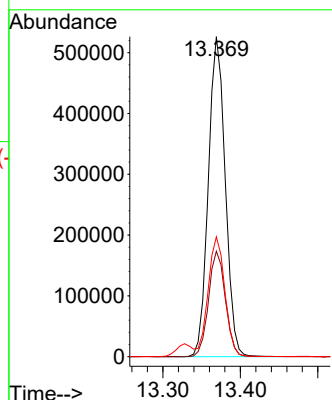
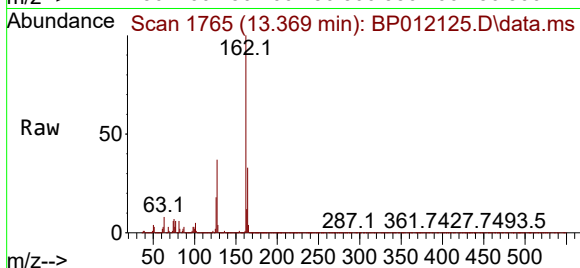
Tgt Ion:162 Resp: 797052

Ion Ratio Lower Upper

162 100

164 33.0 26.0 39.0

127 37.5 29.4 44.2



#45

2-Nitroaniline

Concen: 21.764 ng/ul

RT: 13.587 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

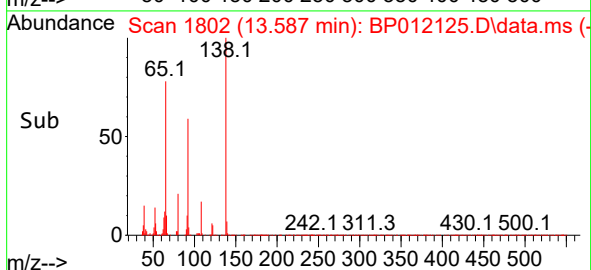
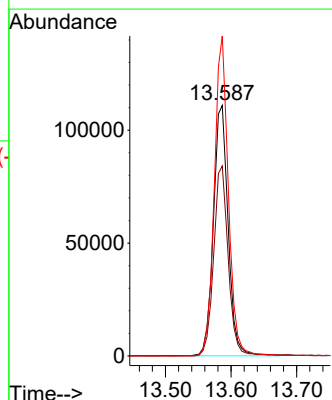
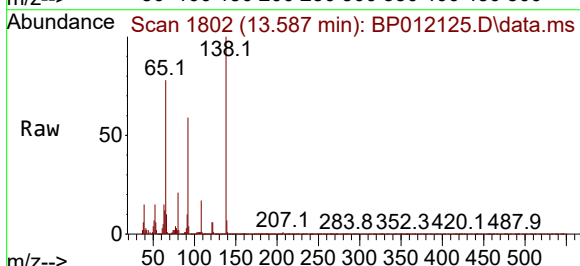
Tgt Ion: 65 Resp: 172918

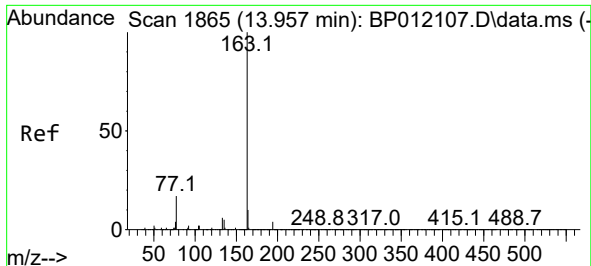
Ion Ratio Lower Upper

65 100

92 75.8 61.6 92.4

138 127.7 96.5 144.7

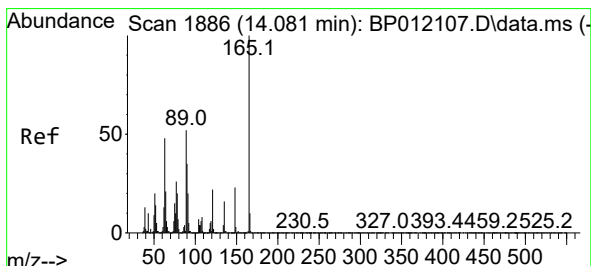
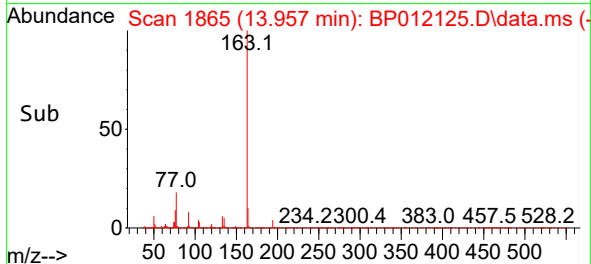
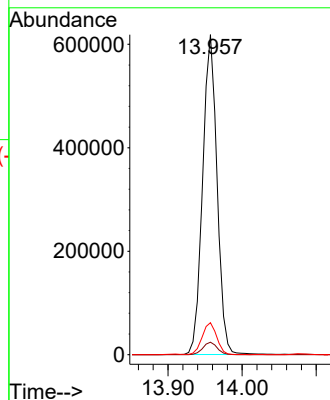
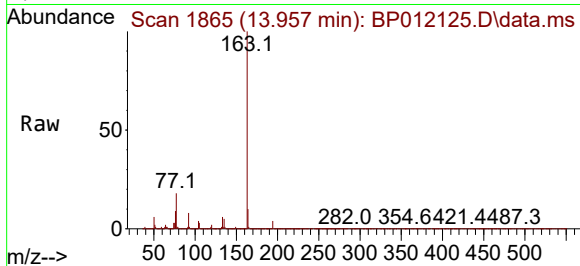




#47
Dimethylphthalate
Concen: 20.275 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

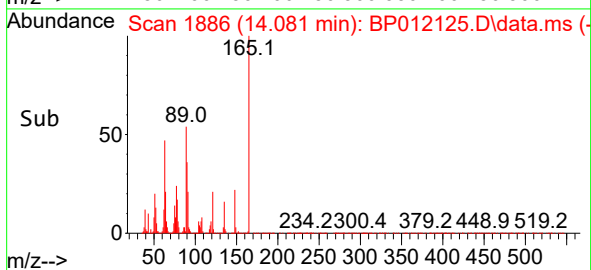
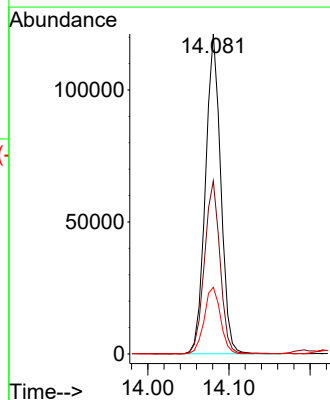
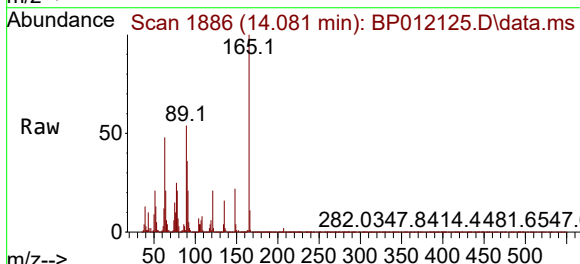
Instrument :
BNA_P
ClientSampleId :

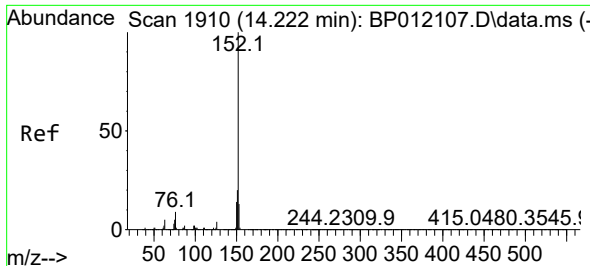
Tgt Ion:163 Resp: 835794
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 21.616 ng/ul
RT: 14.081 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:165 Resp: 157760
Ion Ratio Lower Upper
165 100
89 54.1 43.4 65.0
121 20.8 18.1 27.1

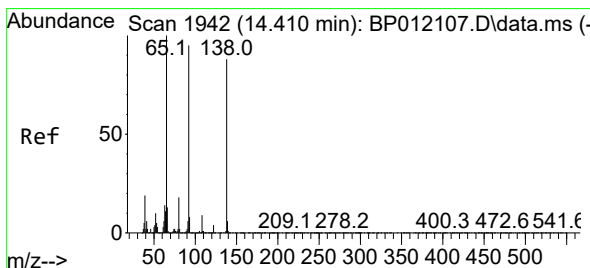
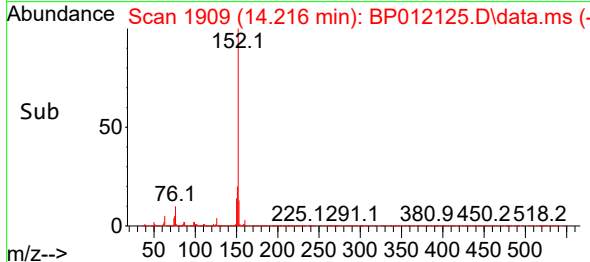
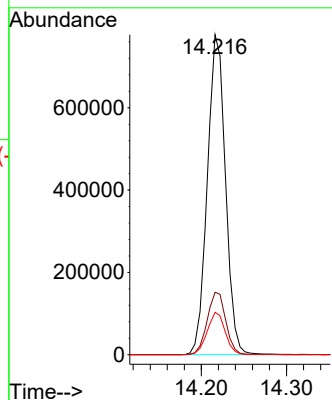
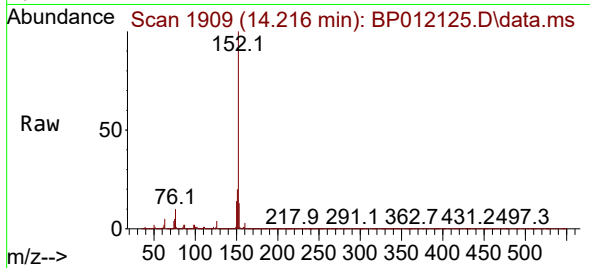




#50
Acenaphthylene
Concen: 21.073 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

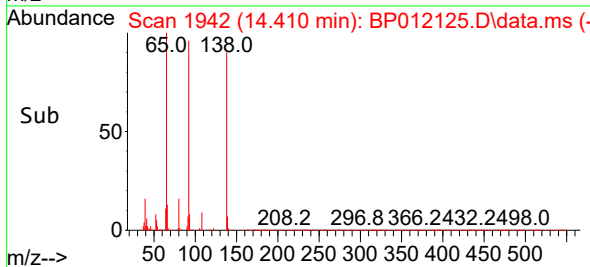
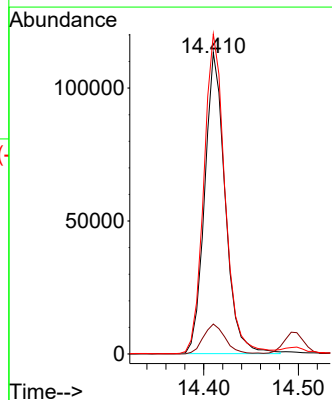
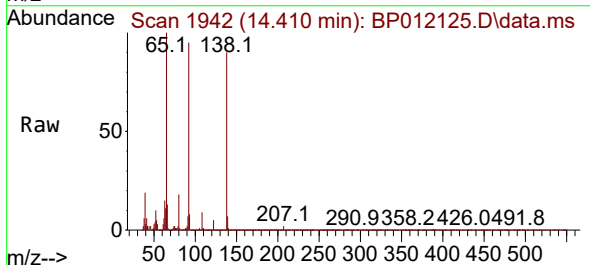
Instrument :
BNA_P
ClientSampleId :

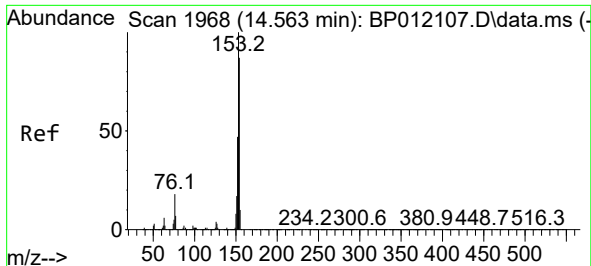
Tgt Ion:152 Resp: 1153669
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.3 10.4 15.6



#51
3-Nitroaniline
Concen: 20.087 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:138 Resp: 170707
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 106.2 85.8 128.8

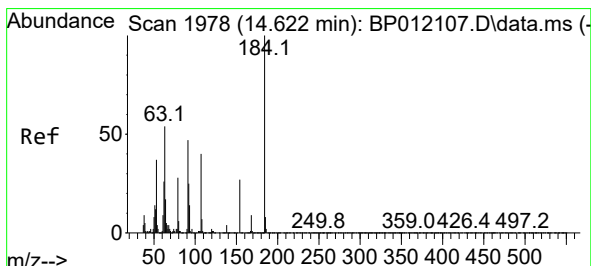
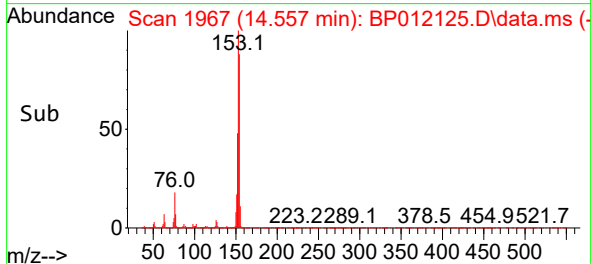
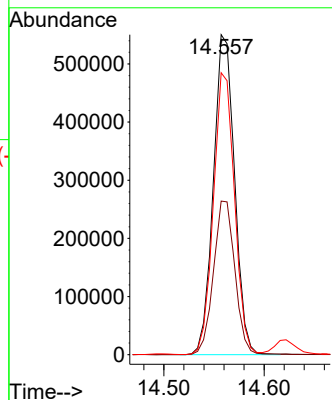
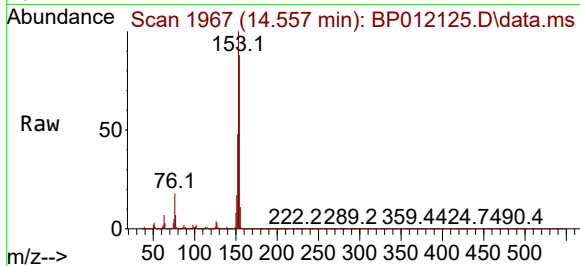




#52
Acenaphthene
Concen: 20.698 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

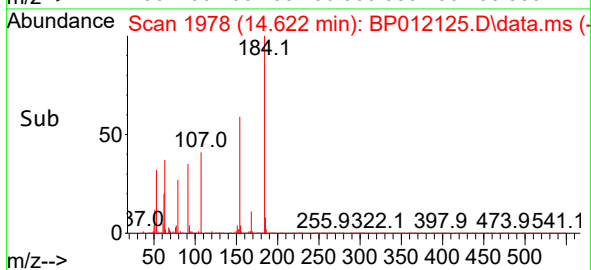
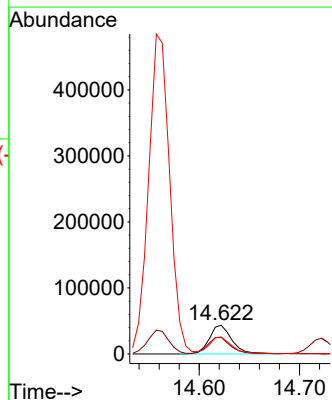
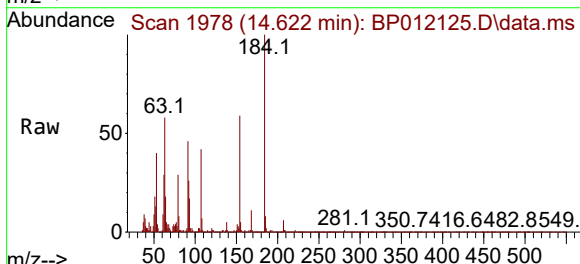
Instrument :
BNA_P
ClientSampleId :

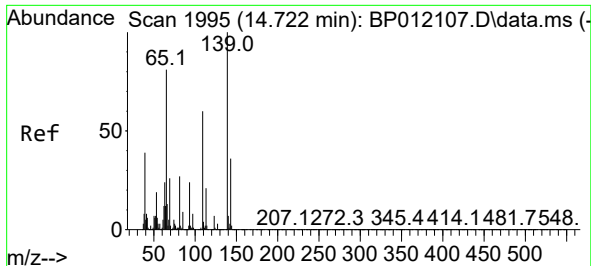
Tgt Ion:153 Resp: 806650
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.2
154 88.1 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 14.394 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:184 Resp: 67865
Ion Ratio Lower Upper
184 100
63 58.3 45.5 68.3
154 58.6 47.0 70.6

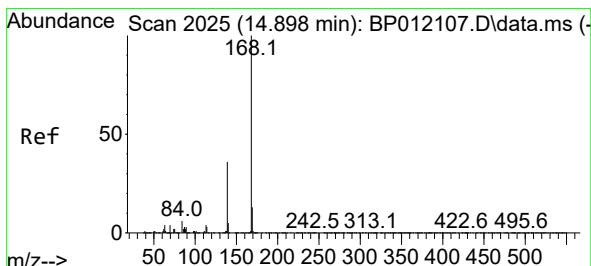
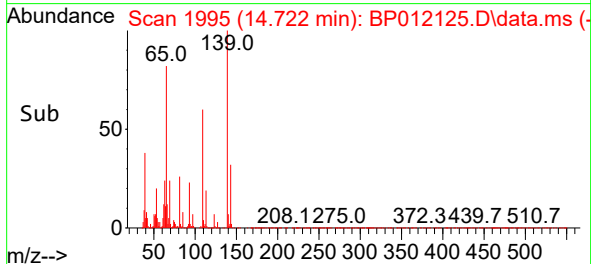
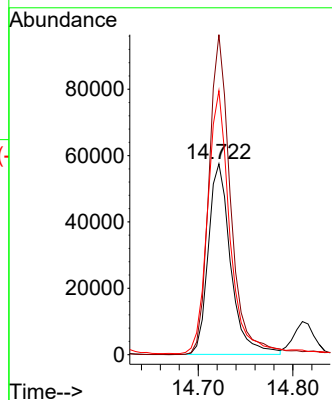
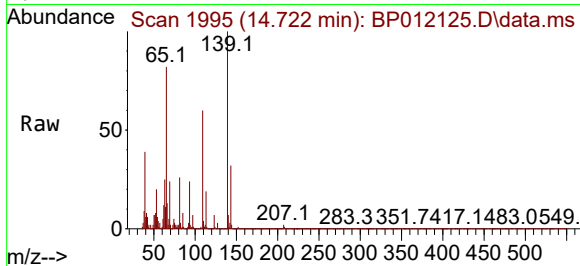




#55
4-Nitrophenol
Concen: 17.775 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

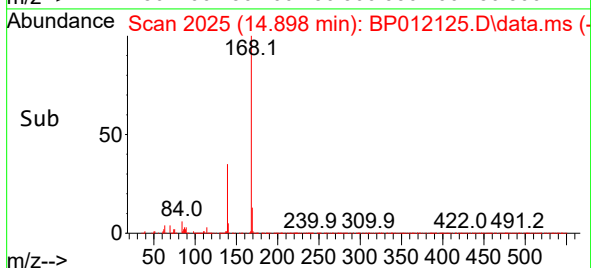
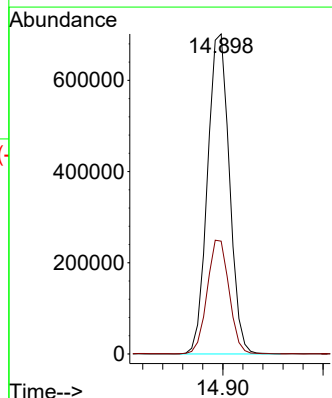
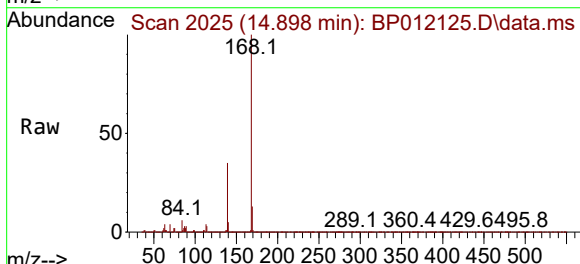
Instrument :
BNA_P
ClientSampleId :

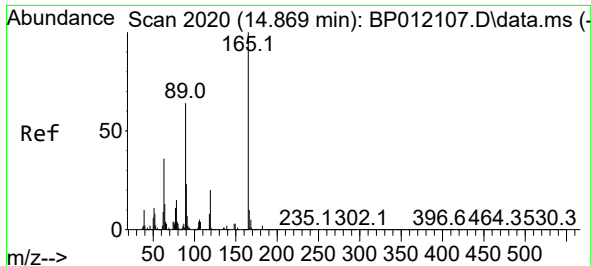
Tgt Ion:	109	Resp:	94394
Ion Ratio	Lower	Upper	
109	100		
139	167.7	124.1	186.1
65	138.3	104.2	156.4



#56
Dibenzofuran
Concen: 20.215 ng/ul
RT: 14.898 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:	168	Resp:	1064763
Ion Ratio	Lower	Upper	
168	100		
139	35.3	28.2	42.4





#57

2,4-Dinitrotoluene

Concen: 20.647 ng/ul

RT: 14.869 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

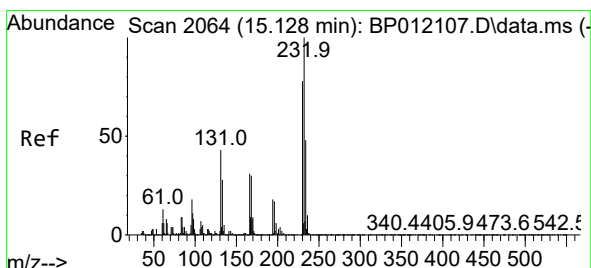
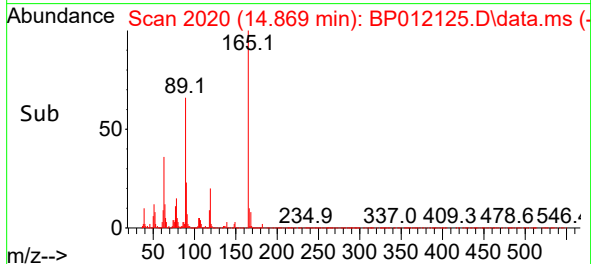
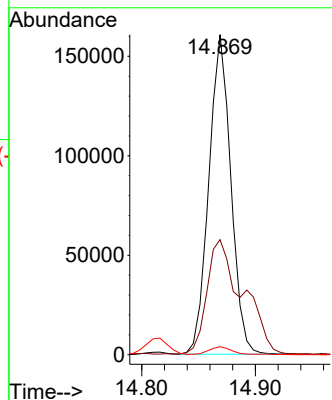
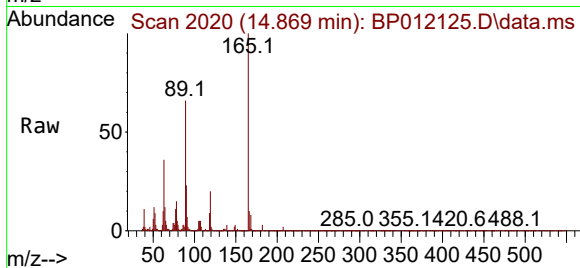
Tgt Ion:165 Resp: 216572

Ion Ratio Lower Upper

165 100

63 36.0 31.1 46.7

182 2.5 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.195 ng/ul

RT: 15.122 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Tgt Ion:232 Resp: 194606

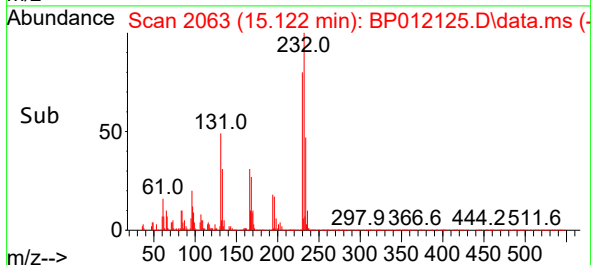
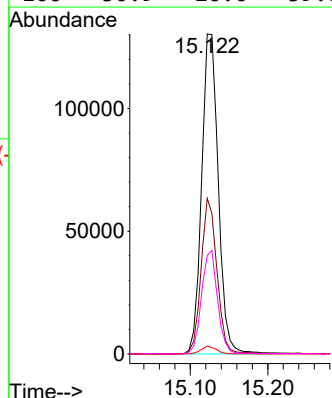
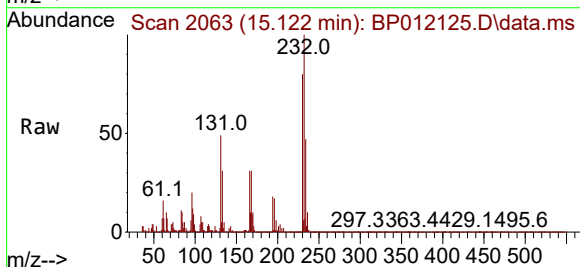
Ion Ratio Lower Upper

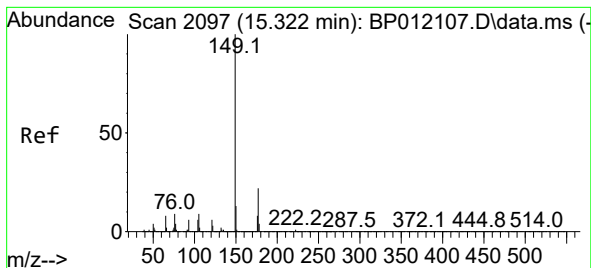
232 100

131 48.6 37.8 56.6

130 2.5 1.8 2.6

166 30.9 26.6 39.8





#59

Diethylphthalate

Concen: 20.110 ng/ul

RT: 15.322 min Scan# 2097

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

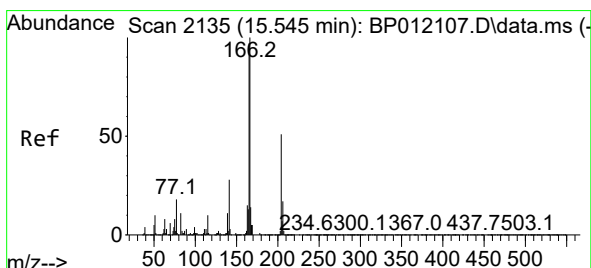
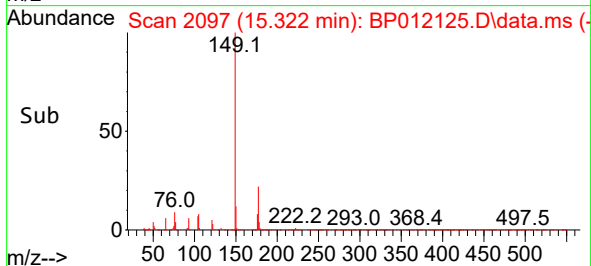
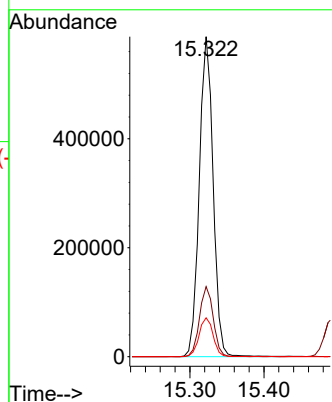
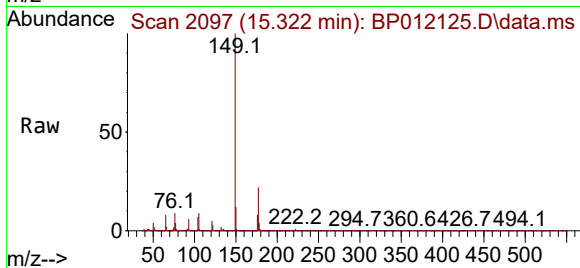
Tgt Ion:149 Resp: 759217

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

150 12.2 9.8 14.8



#61

Fluorene

Concen: 20.252 ng/ul

RT: 15.545 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

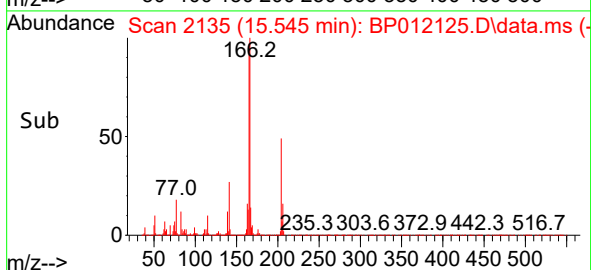
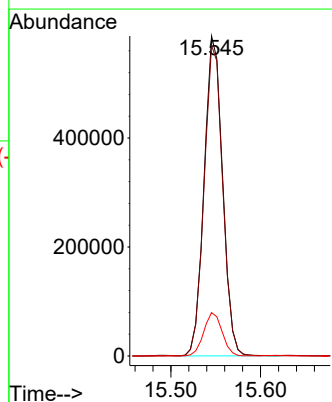
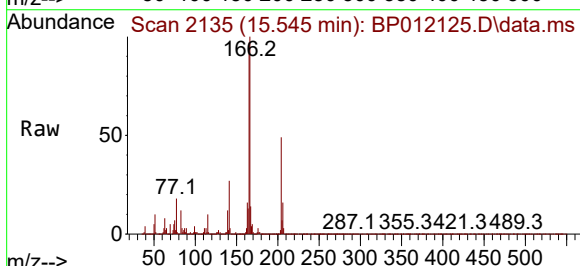
Tgt Ion:166 Resp: 837308

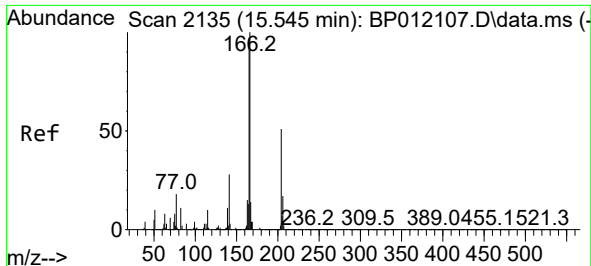
Ion Ratio Lower Upper

166 100

165 97.0 79.5 119.3

167 13.6 10.9 16.3

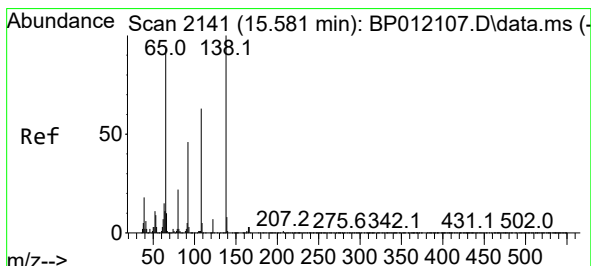
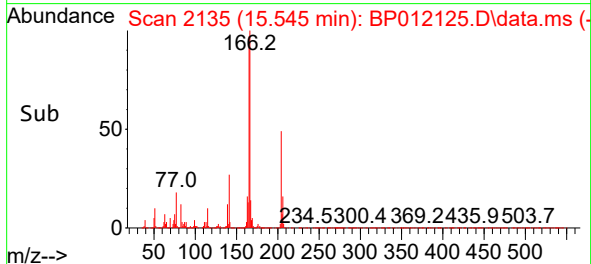
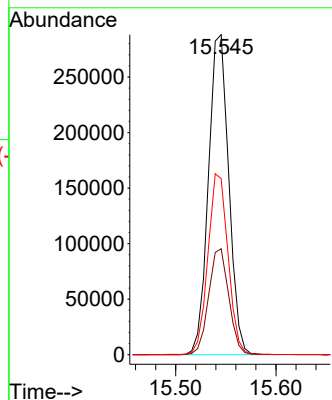
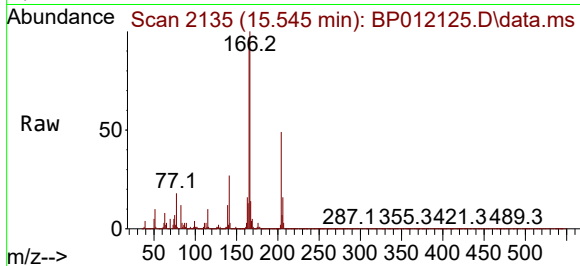




#62
4-Chlorophenyl-phenylether
Concen: 20.296 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

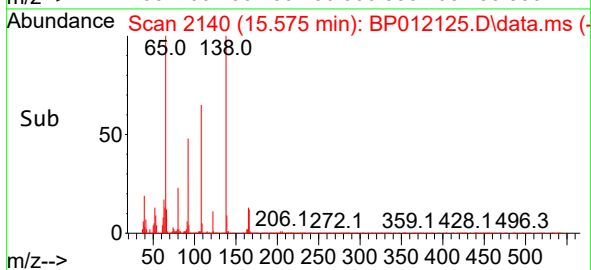
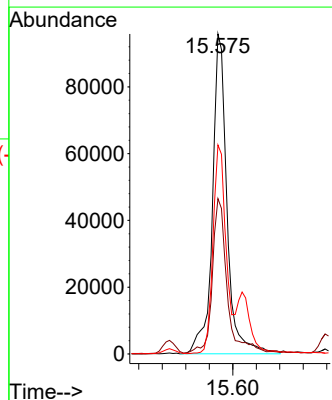
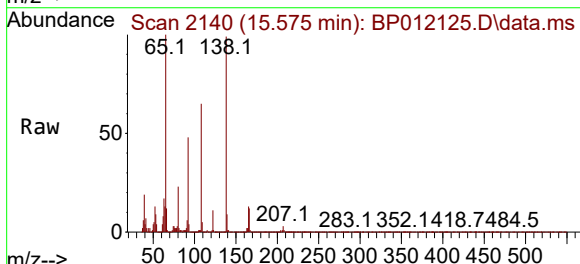
Instrument :
BNA_P
ClientSampleId :

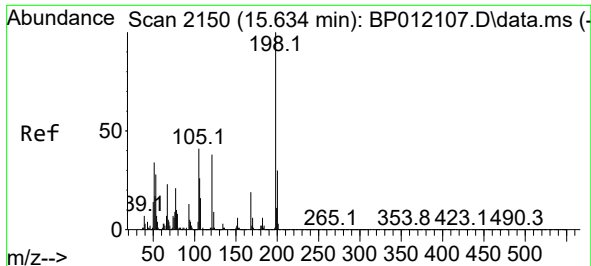
Tgt Ion:204 Resp: 405948
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 55.0 46.2 69.2



#63
4-Nitroaniline
Concen: 21.252 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:138 Resp: 164916
Ion Ratio Lower Upper
138 100
92 48.5 39.2 58.8
108 65.3 55.4 83.0

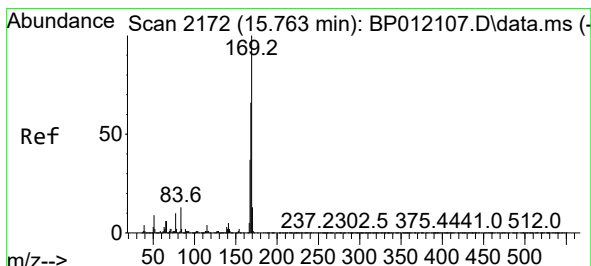
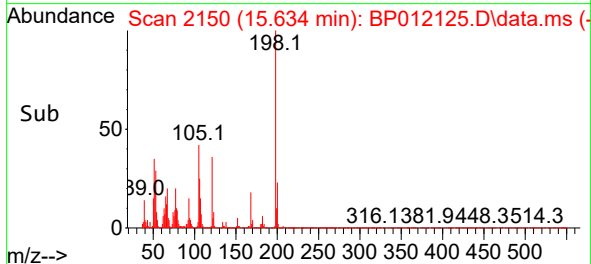
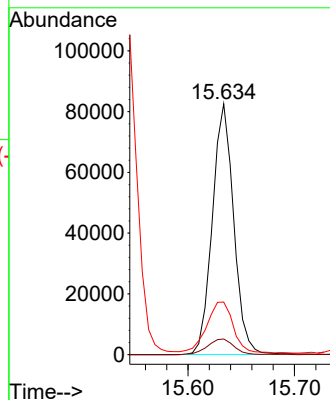
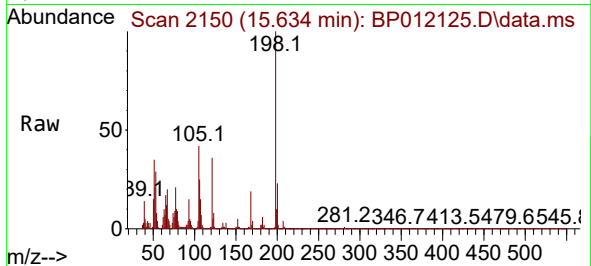




#66
4,6-Dinitro-2-methylphenol
Concen: 19.231 ng/ul
RT: 15.634 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

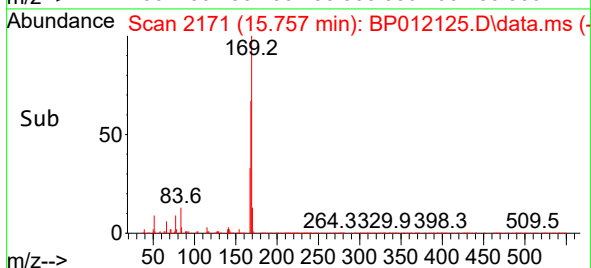
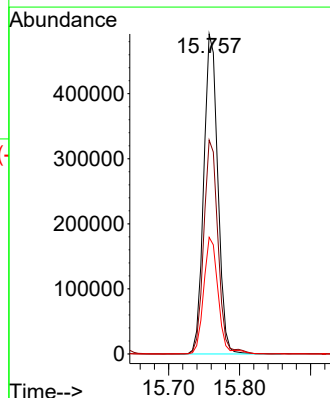
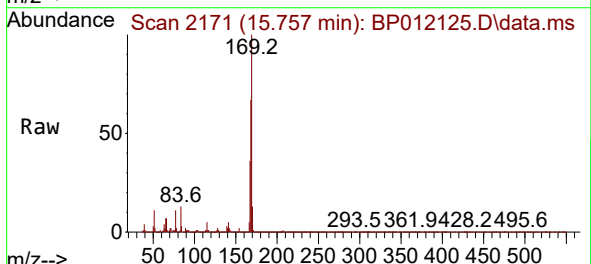
Instrument :
BNA_P
ClientSampleId :

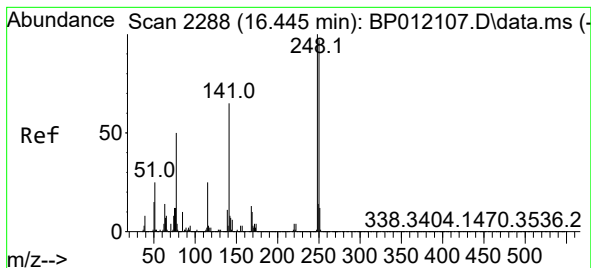
Tgt Ion:198 Resp: 114739
Ion Ratio Lower Upper
198 100
182 6.3 4.9 7.3
77 21.0 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 21.925 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:169 Resp: 678277
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.5 29.5 44.3

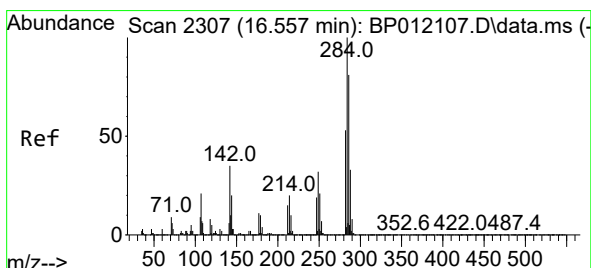
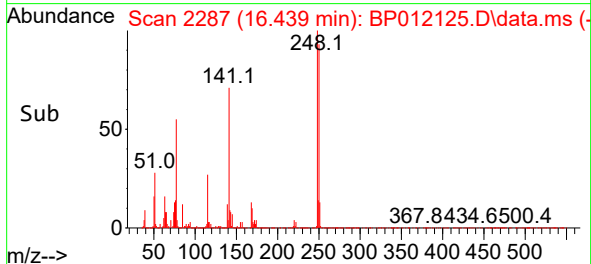
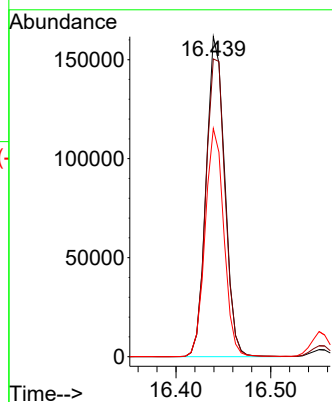
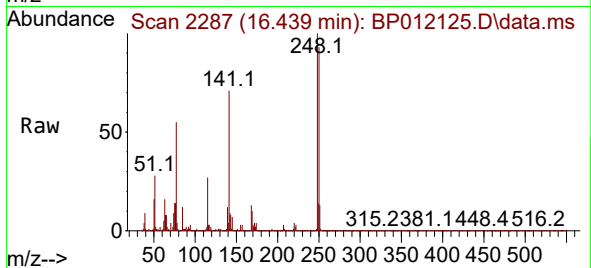




#68
4-Bromophenyl-phenylether
Concen: 21.614 ng/ul
RT: 16.439 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

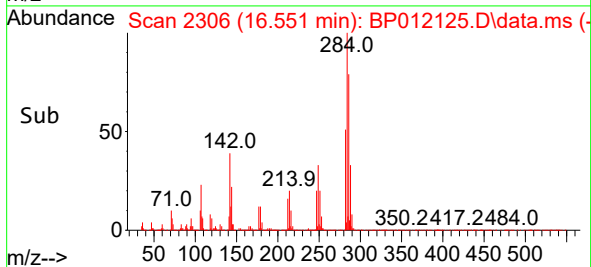
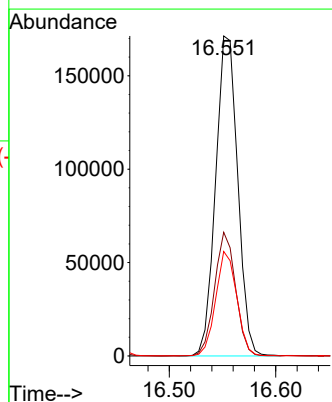
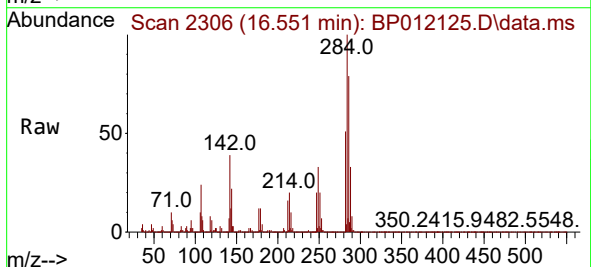
Instrument :
BNA_P
ClientSampleId :

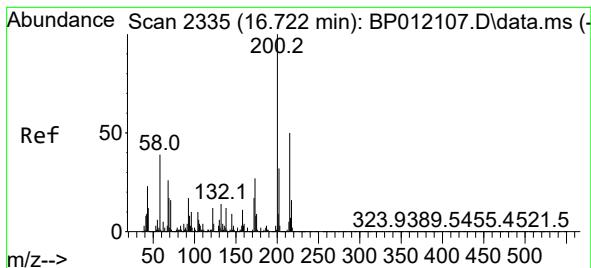
Tgt Ion:248 Resp: 219824
Ion Ratio Lower Upper
248 100
250 93.0 77.9 116.9
141 71.3 59.5 89.3



#69
Hexachlorobenzene
Concen: 20.858 ng/ul
RT: 16.551 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

Tgt Ion:284 Resp: 246214
Ion Ratio Lower Upper
284 100
142 38.6 30.5 45.7
249 32.6 25.4 38.0





#70

Atrazine

Concen: 20.097 ng/ul

RT: 16.722 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

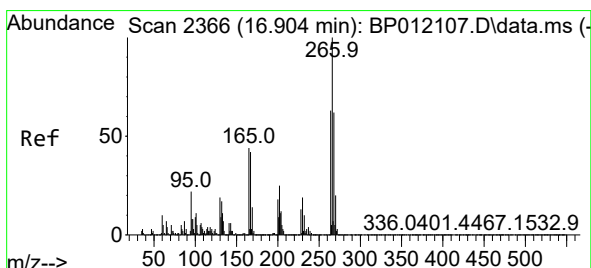
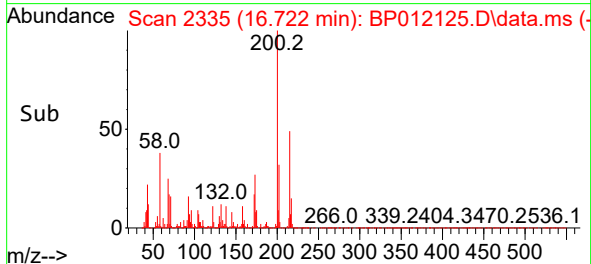
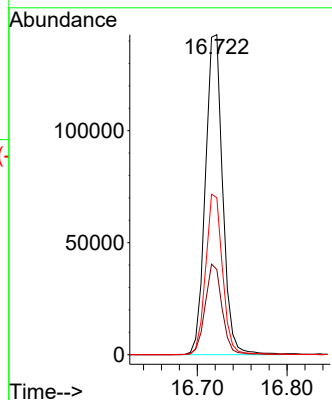
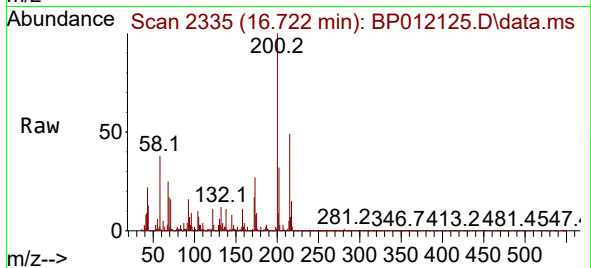
Tgt Ion:200 Resp: 191183

Ion Ratio Lower Upper

200 100

173 26.6 22.1 33.1

215 49.1 38.8 58.2



#71

Pentachlorophenol

Concen: 19.719 ng/ul

RT: 16.904 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

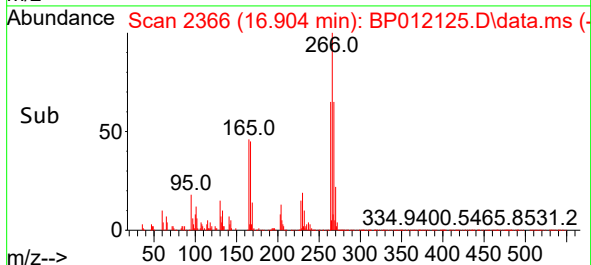
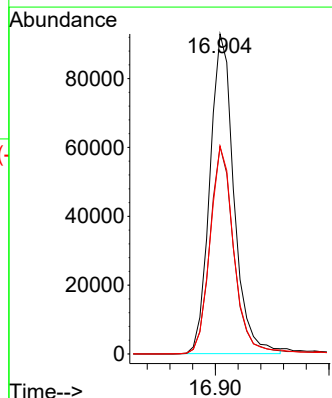
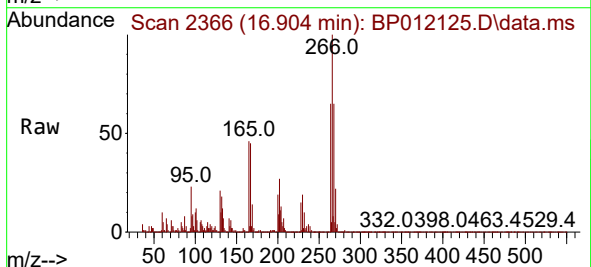
Tgt Ion:266 Resp: 136375

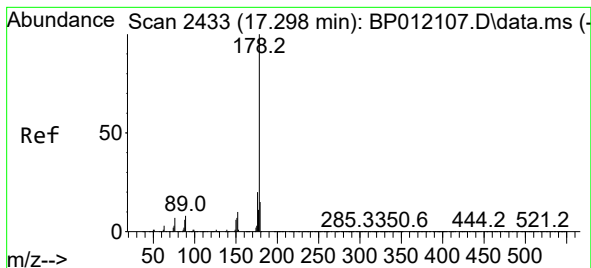
Ion Ratio Lower Upper

266 100

264 64.8 50.6 75.8

268 64.9 51.8 77.6





#72

Phenanthrene

Concen: 20.803 ng/ul

RT: 17.298 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

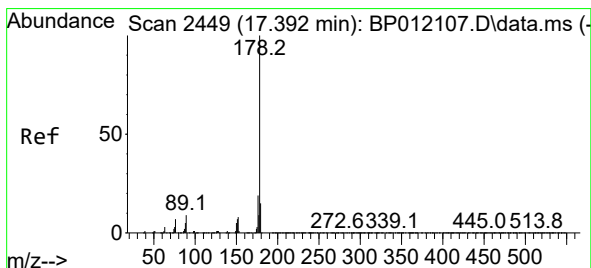
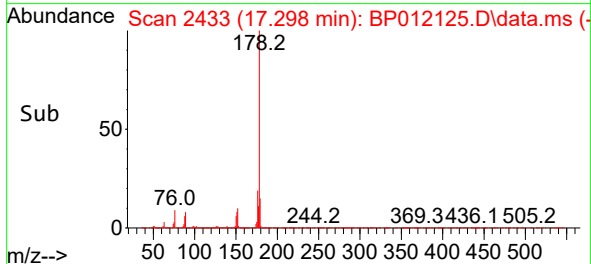
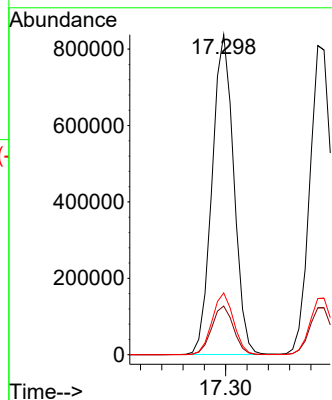
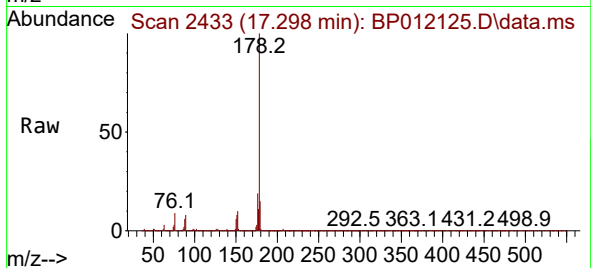
Tgt Ion:178 Resp: 1182405

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.3 15.8 23.6



#74

Anthracene

Concen: 21.046 ng/ul

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

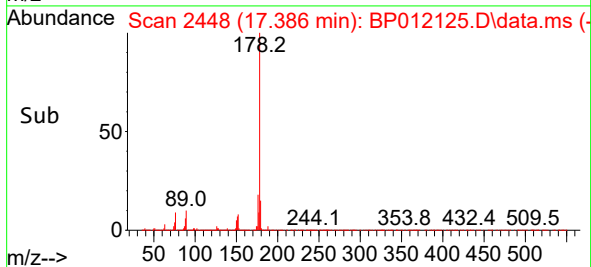
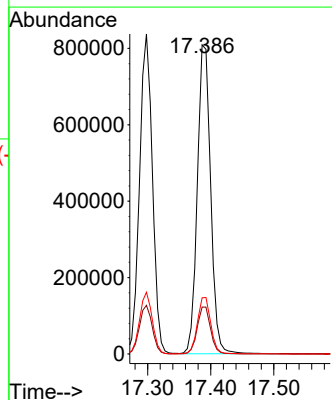
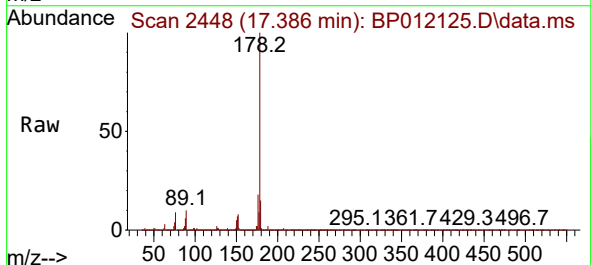
Tgt Ion:178 Resp: 1183819

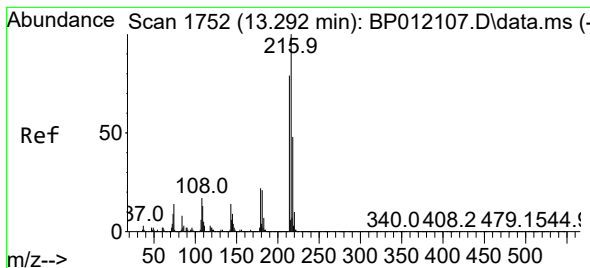
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.2 14.8 22.2

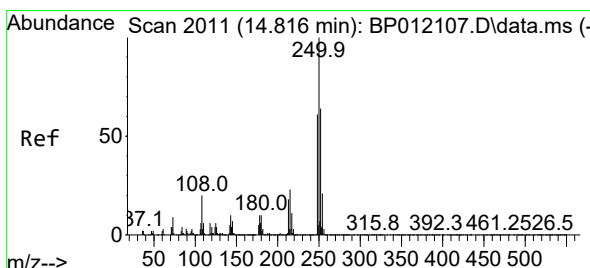
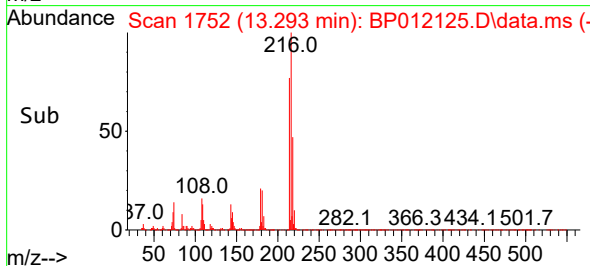
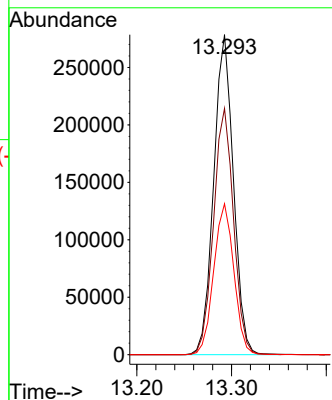
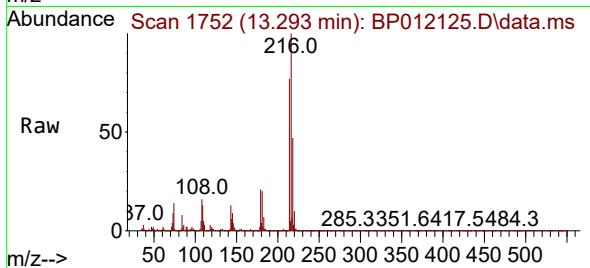




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.849 ng/uL
RT: 13.293 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

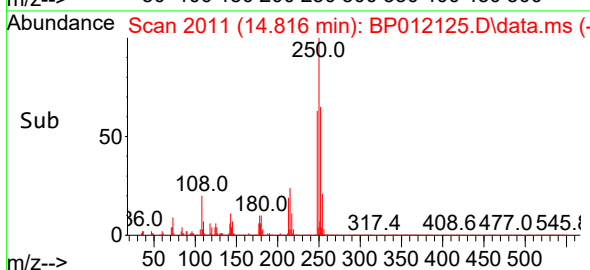
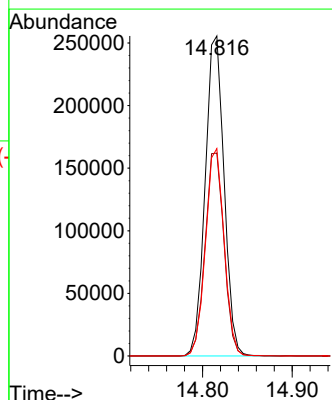
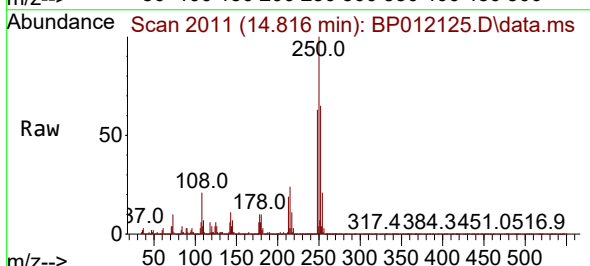
Instrument :
BNA_P
ClientSampleId :

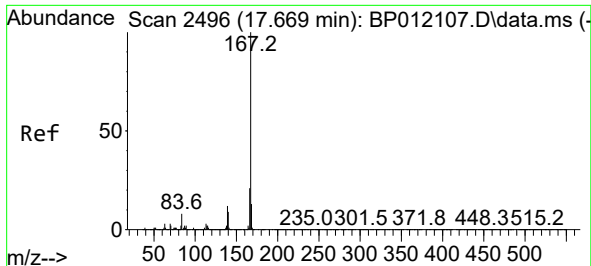
Tgt Ion:216 Resp: 402781
Ion Ratio Lower Upper
216 100
214 77.0 62.6 94.0
218 47.2 38.9 58.3



#76
Pentachlorobenzene
Concen: 22.517 ng/uL
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP012125.D
Acq: 13 Oct 2022 17:38

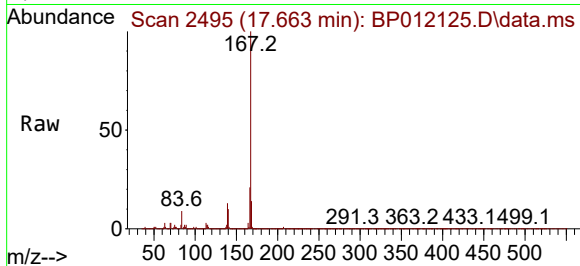
Tgt Ion:250 Resp: 373481
Ion Ratio Lower Upper
250 100
248 63.4 51.4 77.2
252 64.8 50.7 76.1



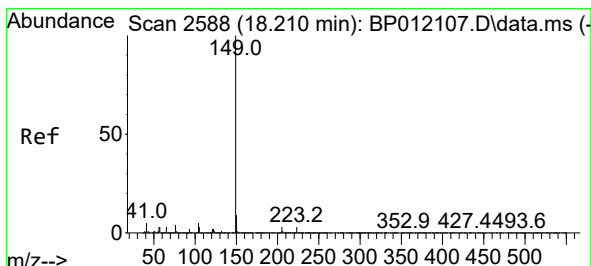
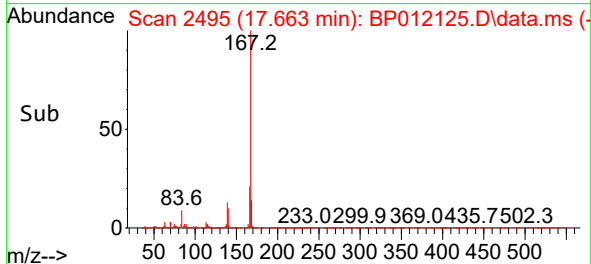
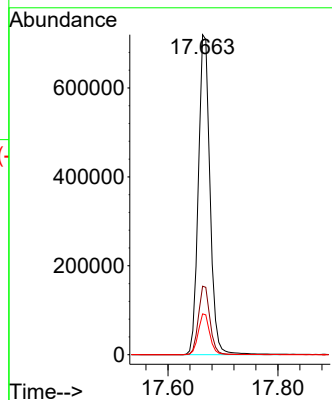


#77
 Carbazole
 Concen: 21.107 ng/ul
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

Instrument :
 BNA_P
 ClientSampleId :

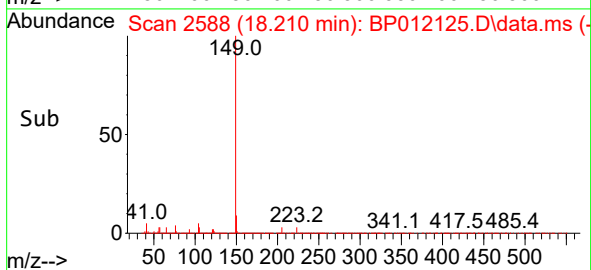
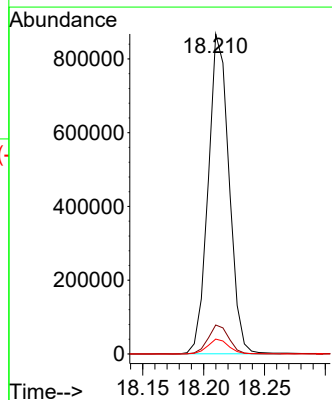
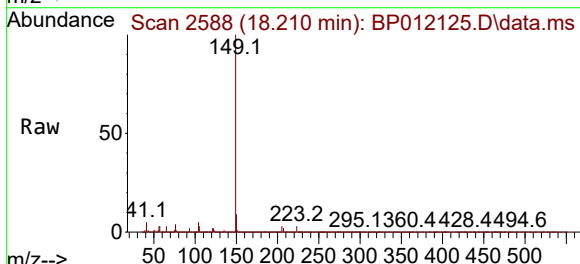


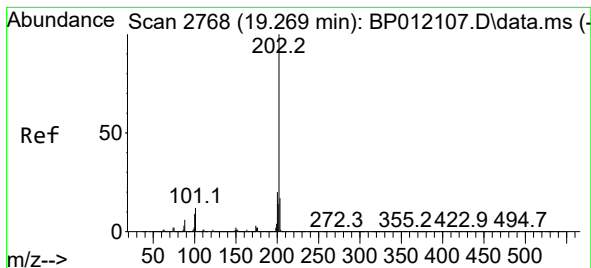
Tgt Ion:167 Resp: 1058876
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.7 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 20.677 ng/ul
 RT: 18.210 min Scan# 2588
 Delta R.T. -0.006 min
 Lab File: BP012125.D
 Acq: 13 Oct 2022 17:38

Tgt Ion:149 Resp: 1029392
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.7 3.4 5.2





#80

Fluoranthene

Concen: 18.786 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

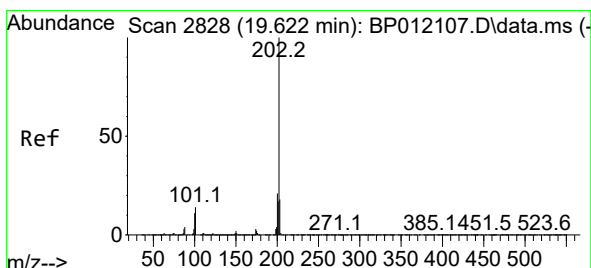
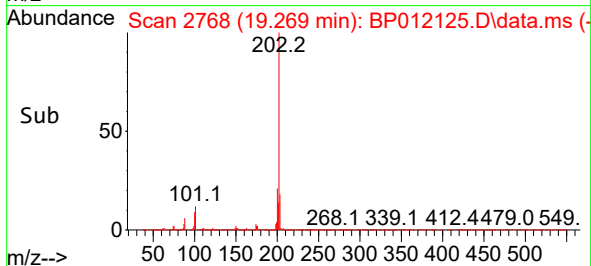
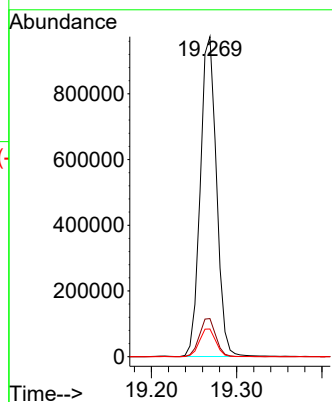
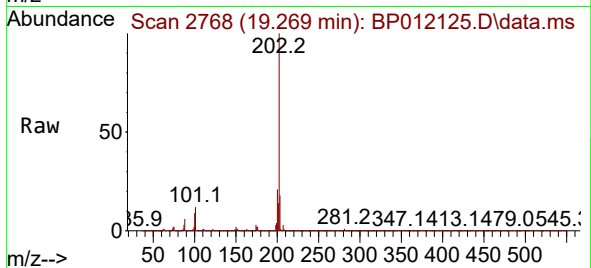
Tgt Ion:202 Resp: 1284630

Ion Ratio Lower Upper

202 100

101 11.9 9.0 13.6

100 8.7 7.0 10.6



#82

Pyrene

Concen: 19.113 ng/ul

RT: 19.622 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

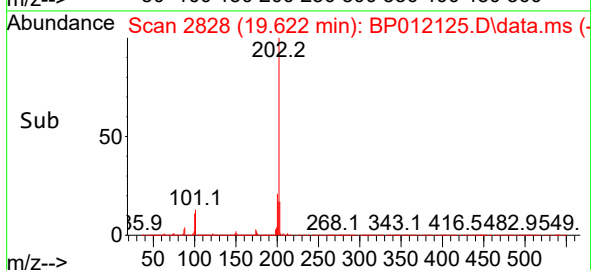
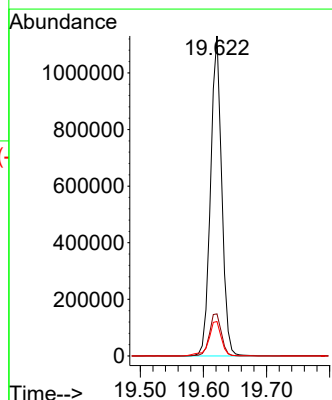
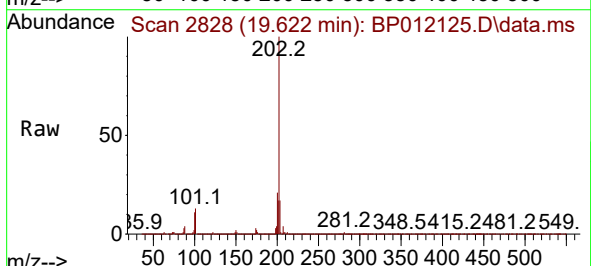
Tgt Ion:202 Resp: 1383116

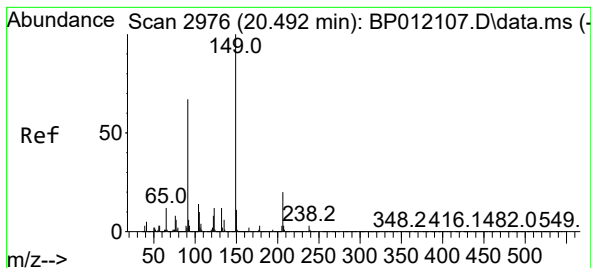
Ion Ratio Lower Upper

202 100

101 13.2 10.4 15.6

100 10.7 8.5 12.7





#83

Butylbenzylphthalate

Concen: 20.287 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP012125.D

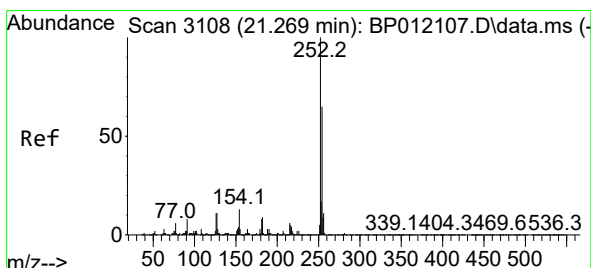
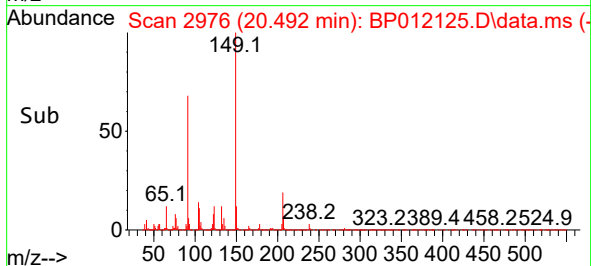
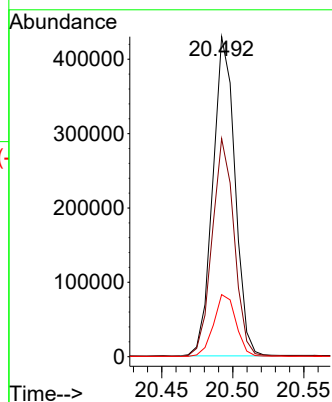
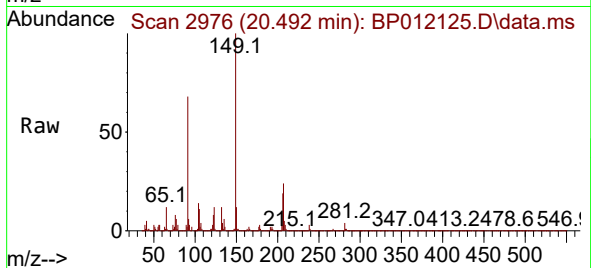
Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149	Resp:	465394
Ion Ratio	Lower	Upper
149	100	
91	68.2	48.5 72.7
206	19.4	17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 20.026 ng/ul

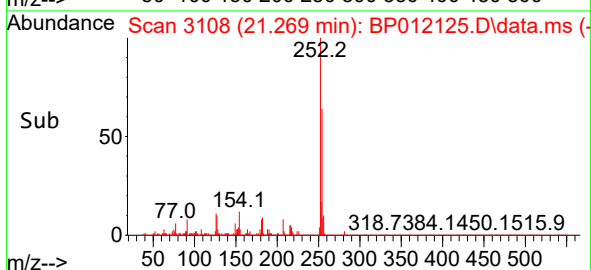
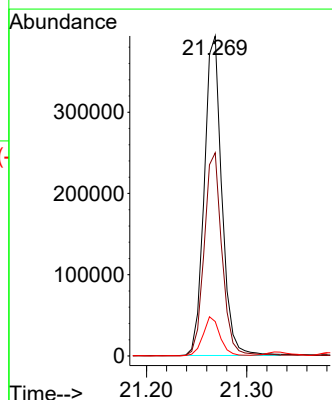
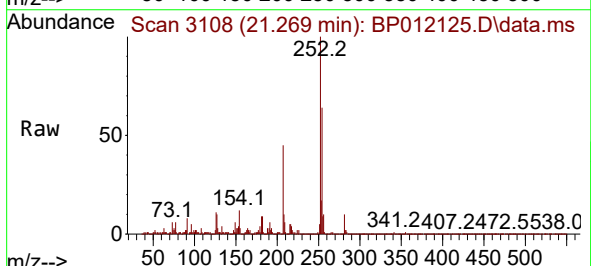
RT: 21.269 min Scan# 3108

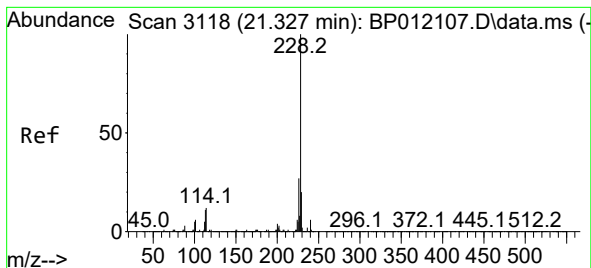
Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Tgt Ion:252	Resp:	480702
Ion Ratio	Lower	Upper
252	100	
254	63.5	51.4 77.2
126	10.8	7.8 11.8





#85

Benzo(a)anthracene

Concen: 21.117 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

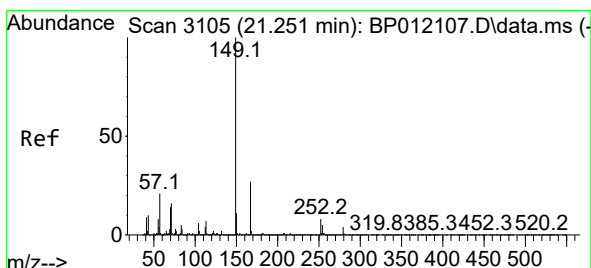
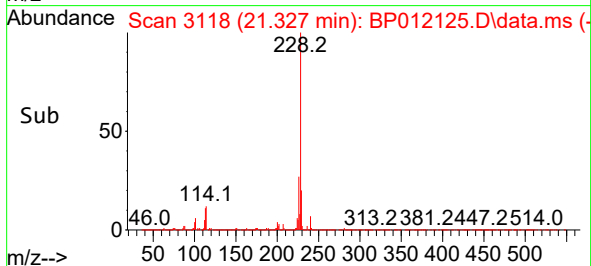
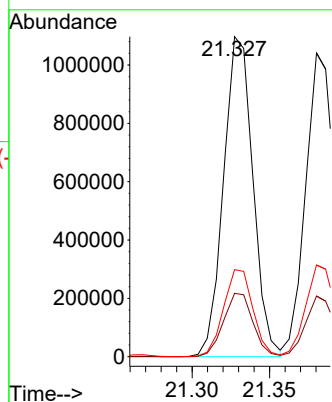
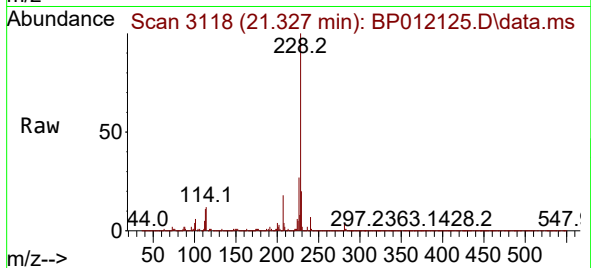
Tgt Ion:228 Resp: 1447902

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.627 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

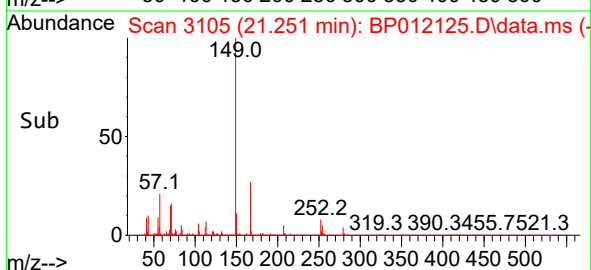
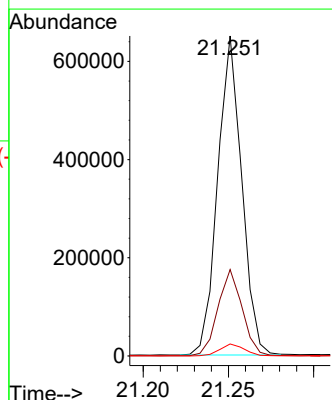
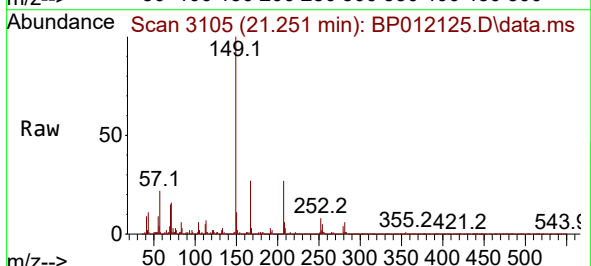
Tgt Ion:149 Resp: 637889

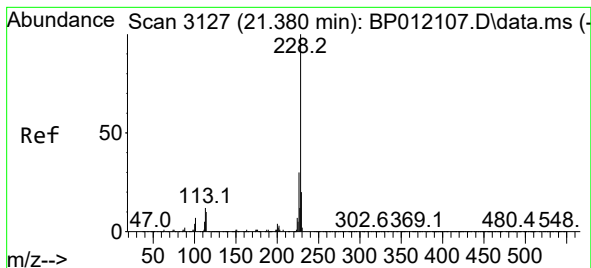
Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

279 3.7 3.4 5.2





#87

Chrysene

Concen: 20.828 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

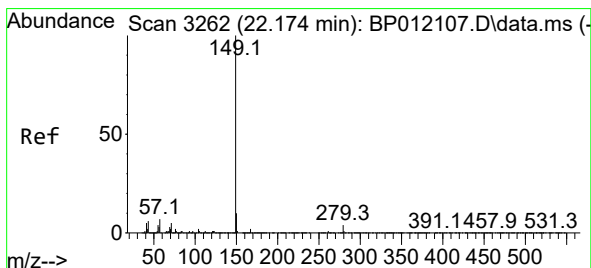
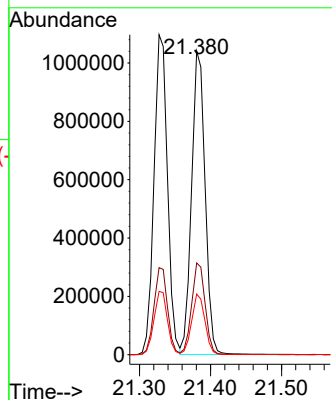
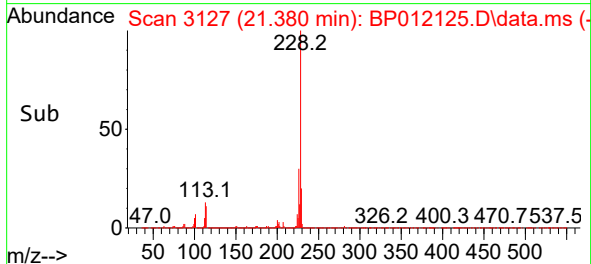
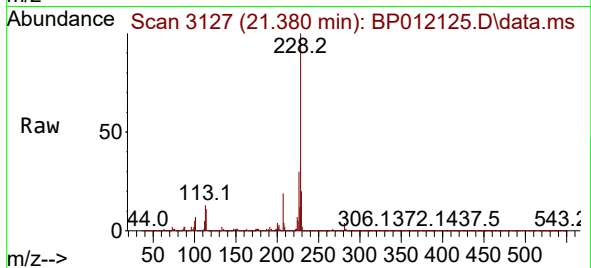
Tgt Ion:228 Resp: 1374676

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 19.715 ng/ul

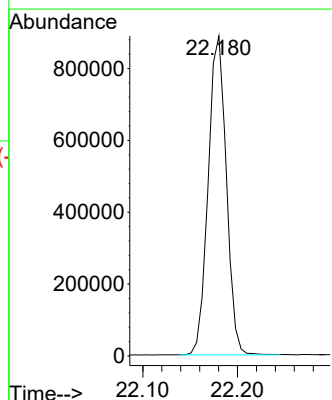
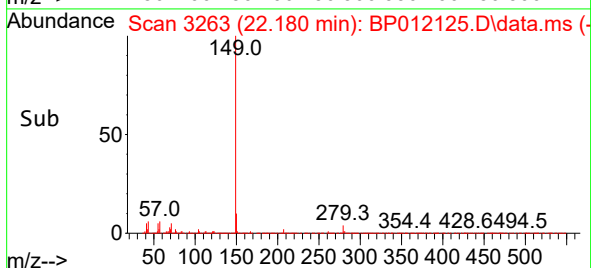
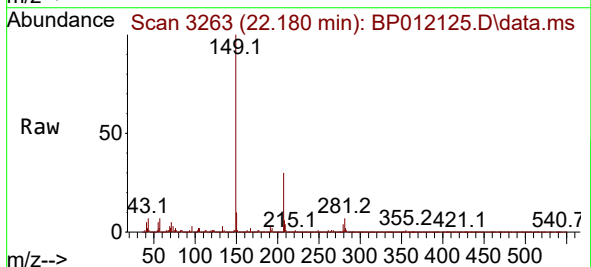
RT: 22.180 min Scan# 3263

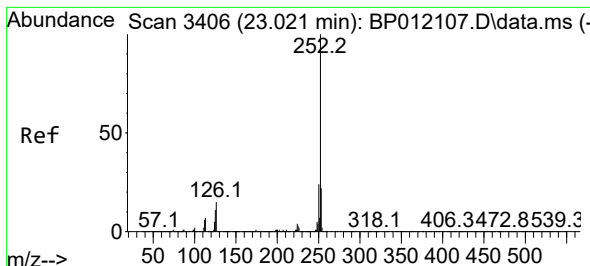
Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Tgt Ion:149 Resp: 1179772





#90

Benzo(b)fluoranthene

Concen: 21.216 ng/ul

RT: 23.021 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

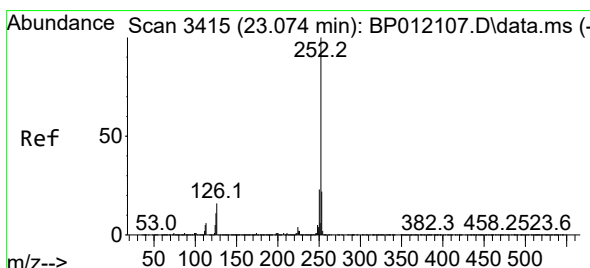
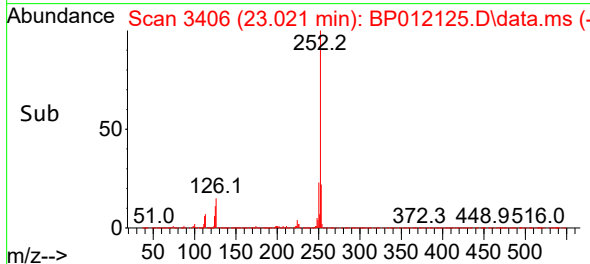
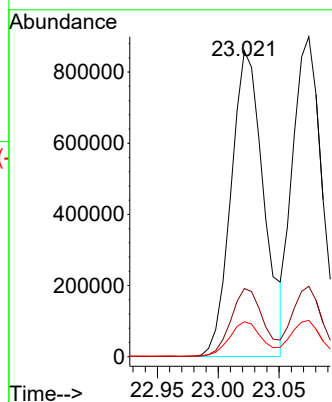
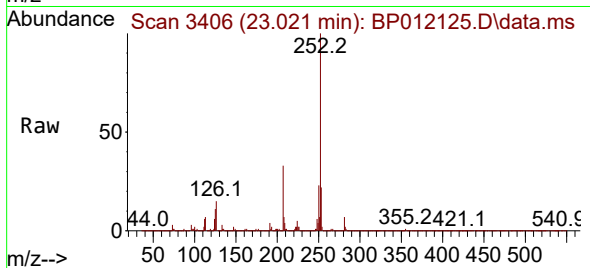
Tgt Ion:252 Resp: 1605254

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.4 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 20.281 ng/ul

RT: 23.074 min Scan# 3415

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

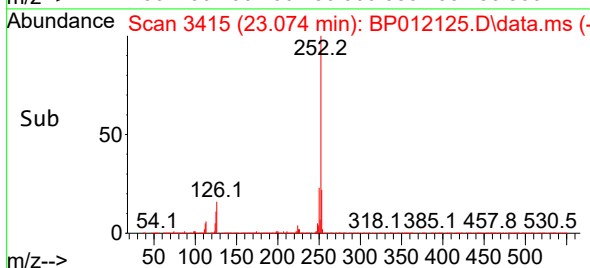
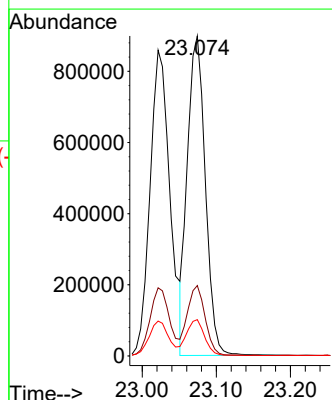
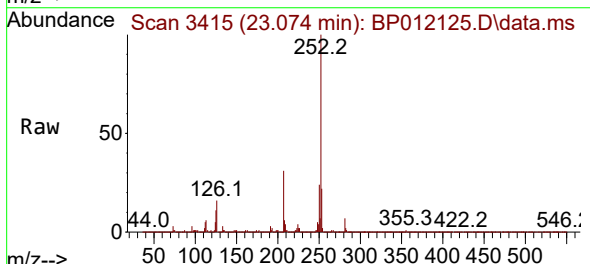
Tgt Ion:252 Resp: 1509388

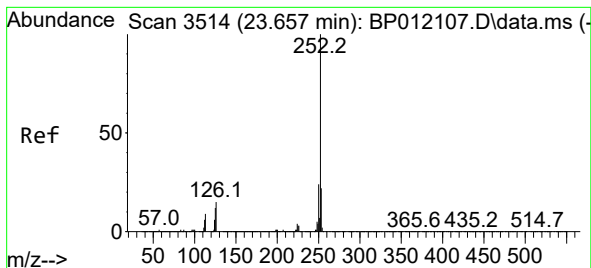
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 8.2 12.2





#93

Benzo(a)pyrene

Concen: 20.935 ng/ul

RT: 23.657 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

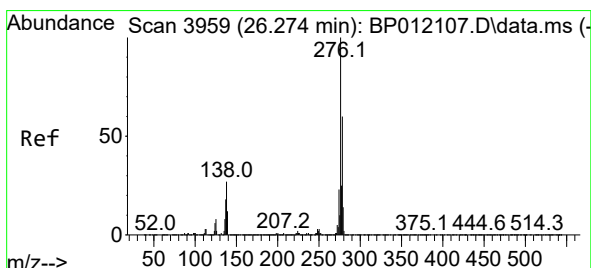
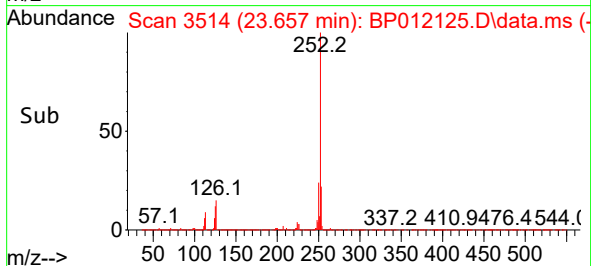
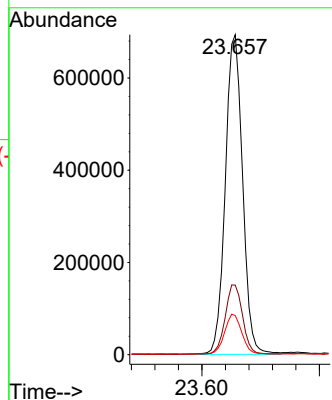
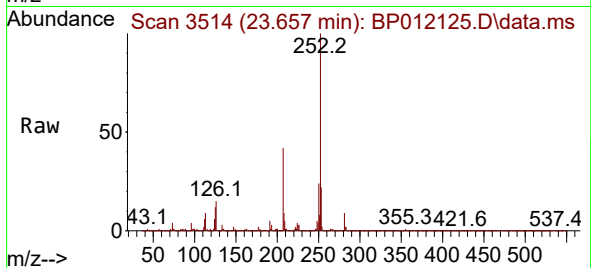
Tgt Ion:252 Resp: 1413167

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.3 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.409 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

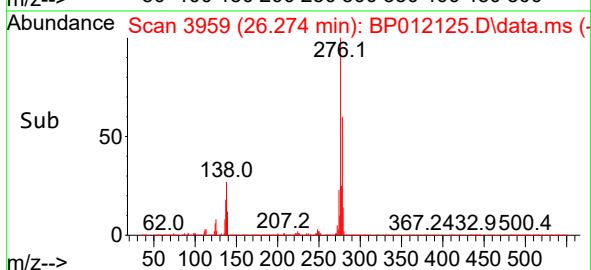
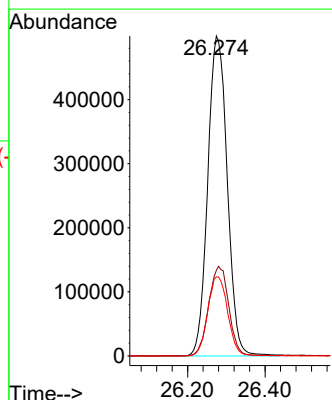
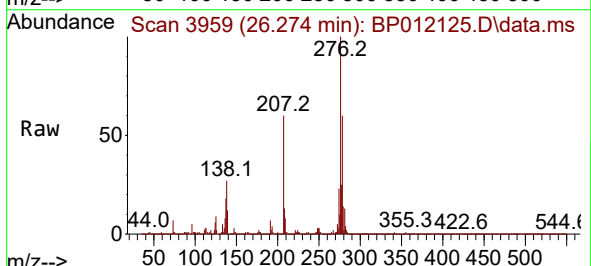
Tgt Ion:276 Resp: 1741933

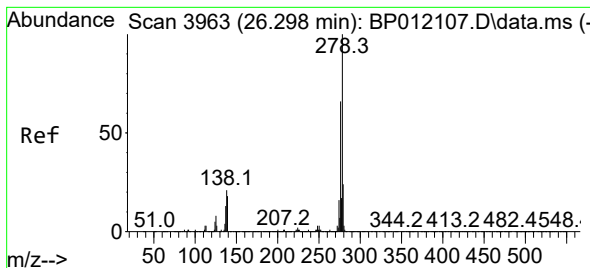
Ion Ratio Lower Upper

276 100

138 26.8 19.1 28.7

277 24.7 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.399 ng/ul

RT: 26.298 min Scan# 3963

Delta R.T. -0.000 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Instrument :

BNA_P

ClientSampleId :

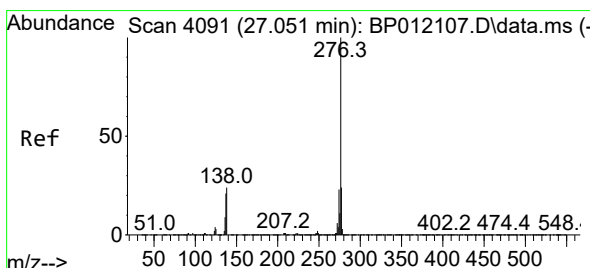
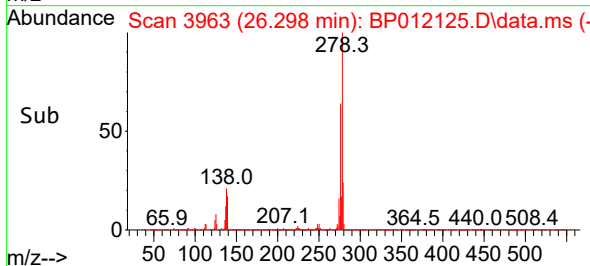
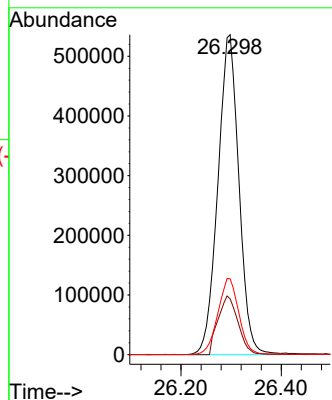
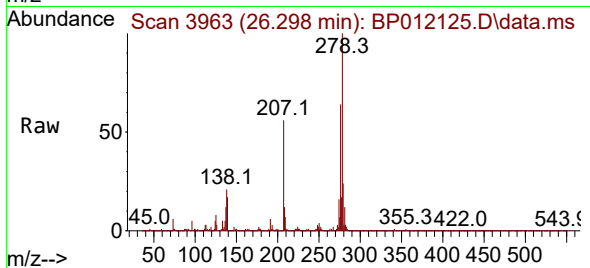
Tgt Ion:278 Resp: 1561968

Ion Ratio Lower Upper

278 100

139 17.5 12.5 18.7

279 23.7 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 19.911 ng/ul

RT: 27.051 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BP012125.D

Acq: 13 Oct 2022 17:38

Tgt Ion:276 Resp: 1532210

Ion Ratio Lower Upper

276 100

138 25.0 16.5 24.7#

277 24.4 19.0 28.4

