

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012847.D
 Acq On : 29 Nov 2022 12:22
 Operator : CG/JU
 Sample : N5659-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 21:57:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	590099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	2710307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1803811	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3903391	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	3364762	20.000	ng/u1	-0.01
88) Perylene-d12	23.998	264	2694939	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	73244	5.319	ng/uL	0.00
4) Pyridine-d5	3.822	84	238527	5.788	ng/u1	0.00
7) Phenol-d5	7.163	99	1550907	31.984	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	939254	31.435	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	1218504	32.978	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	1278818	32.732	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	618772	37.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	683436	38.801	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	1346026	32.751	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1489267	26.462	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	4341478	34.967	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	4757423	32.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	827824	37.397	ng/u1	0.00
60) Fluorene-d10	15.645	176	3744499	34.437	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	738122	39.564	ng/u1	0.00
73) Anthracene-d10	17.504	188	6026347	35.073	ng/u1	0.00
81) Pyrene-d10	19.733	212	7063683	36.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	5009919	37.847	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	137801	9.318	ng/uL	99
5) Pyridine	3.840	79	319155	7.915	ng/u1	96
6) Benzaldehyde	7.146	77	755082	31.893	ng/u1	99
8) Phenol	7.193	94	1365440	26.855	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.434	93	1097608	26.347	ng/u1	99
12) 2-Chlorophenol	7.575	128	1090095	27.122	ng/u1	99
13) 2-Methylphenol	8.451	108	1048566	26.535	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1516370	25.235	ng/u1	100
16) Acetophenone	8.840	105	1733162	27.989	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	827960	27.143	ng/u1	97
18) 4-Methylphenol	8.781	108	1171096	26.909	ng/u1	98
19) Hexachloroethane	9.104	117	413319	26.816	ng/u1	97
22) Nitrobenzene	9.222	77	1222190	28.092	ng/u1	100
23) Isophorone	9.751	82	2457283	25.620	ng/u1	99
25) 2-Nitrophenol	9.940	139	640143	30.277	ng/u1	96
26) 2,4-Dimethylphenol	9.992	107	1211552	25.788	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.234	93	1505059	25.594	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	1136105	26.685	ng/u1	99
30) Naphthalene	10.881	128	3688352	25.989	ng/u1	99
32) 4-Chloroaniline	10.987	127	1382870	23.925	ng/u1	99
33) Hexachlorobutadiene	11.169	225	734123	25.888	ng/u1	100
34) Caprolactam	11.763	113	194681	14.891	ng/u1	89
35) 4-Chloro-3-methylphenol	12.098	107	1194742	27.712	ng/u1	97
36) 2-Methylnaphthalene	12.481	142	2586882	26.470	ng/u1	99

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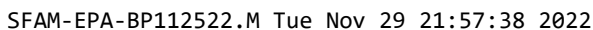
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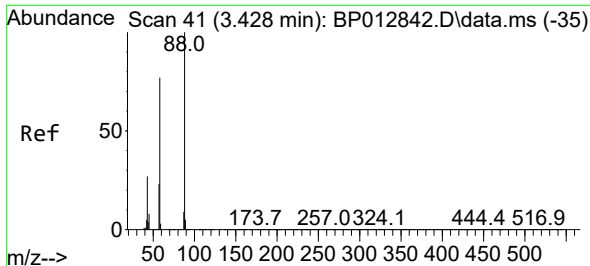
Quant Time: Nov 29 21:57:33 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	2588099	26.424	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	1490771	25.917	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	628040	22.660	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	987248	27.431	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	1075342	27.794	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	3412168	25.967	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	2745833	26.120	ng/ul	99
45) 2-Nitroaniline	13.728	65	727737	35.383	ng/ul	100
47) Dimethylphthalate	14.104	163	3612783	27.759	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	712355	34.974	ng/ul	97
50) Acenaphthylene	14.375	152	4223333	26.661	ng/ul	99
51) 3-Nitroaniline	14.551	138	725442	30.753	ng/ul	97
52) Acenaphthene	14.716	153	2948192	26.436	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	394127	30.113	ng/ul	95
55) 4-Nitrophenol	14.851	109	478221	29.736	ng/ul	95
56) Dibenzofuran	15.045	168	4164086	27.089	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	1071622	35.653	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	982628	29.466	ng/ul	99
59) Diethylphthalate	15.469	149	3626716	28.787	ng/ul	98
61) Fluorene	15.698	166	3418078	27.727	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	1753940	27.422	ng/ul	98
63) 4-Nitroaniline	15.716	138	748783	37.243	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	647344	32.326	ng/ul	94
67) N-Nitrosodiphenylamine	15.904	169	3051030	27.503	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	765988	19.938	ng/ul	98
69) Hexachlorobenzene	16.704	284	1354705	27.666	ng/ul	98
70) Atrazine	16.857	200	1071117	28.142	ng/ul	99
71) Pentachlorophenol	17.045	266	750293	24.952	ng/ul	99
72) Phenanthrene	17.451	178	5850544	28.123	ng/ul	99
74) Anthracene	17.539	178	5753298	27.954	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1497225	24.811	ng/ul	100
76) Pentachlorobenzene	14.963	250	1473918	23.496	ng/ul	99
77) Carbazole	17.804	167	5323158	30.574	ng/ul	100
78) Di-n-butylphthalate	18.351	149	6293838	30.536	ng/ul	99
80) Fluoranthene	19.404	202	6950356	28.580	ng/ul	99
82) Pyrene	19.757	202	7026243	27.935	ng/ul	99
83) Butylbenzylphthalate	20.621	149	2410596	40.956	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	1597778	25.858	ng/ul	99
85) Benzo(a)anthracene	21.474	228	6309503	27.111	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	3264500	36.267	ng/ul	100
87) Chrysene	21.527	228	5854034	26.016	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	4662930	30.299	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	5486405	27.492	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	5136708	25.786	ng/ul	99
93) Benzo(a)pyrene	23.892	252	4525660	27.578	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	5235566	33.069	ng/ul	98
95) Dibenzo(a,h)anthracene	26.650	278	4579122	31.875	ng/ul	99
96) Benzo(g,h,i)perylene	27.444	276	4336188	31.842	ng/ul	99

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

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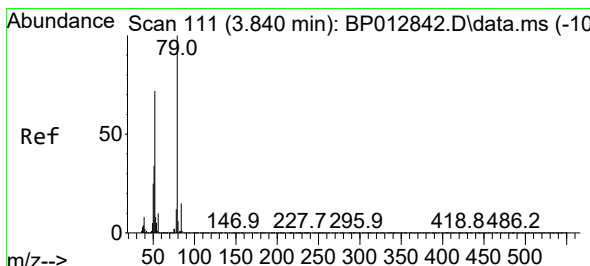
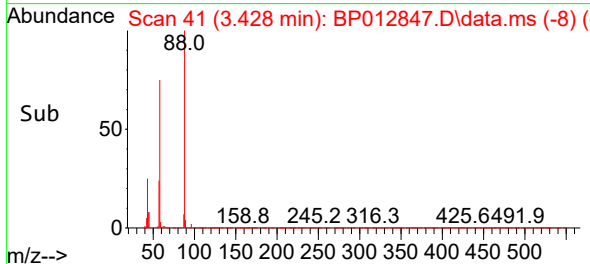
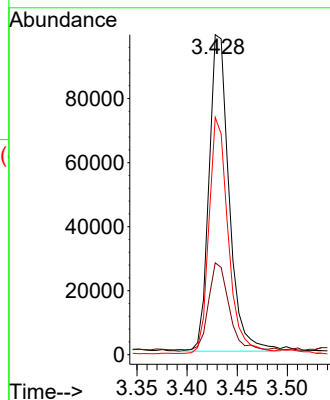
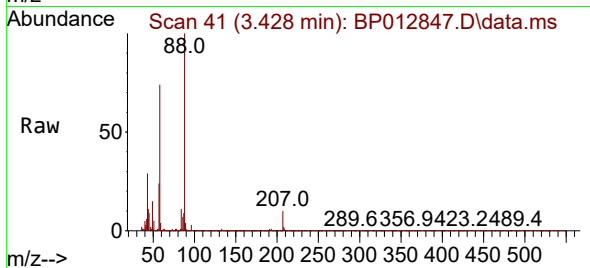




#2
1,4-Dioxane
Concen: 9.318 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

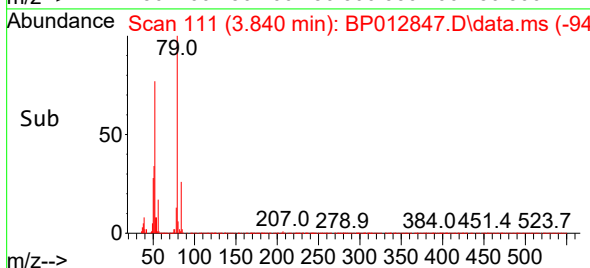
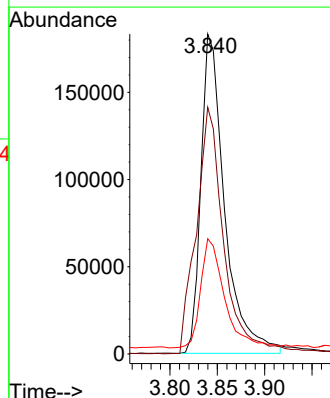
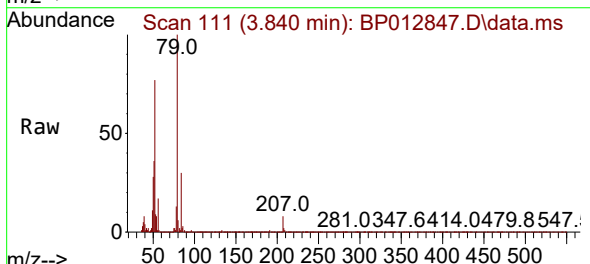
Instrument :
BNA_P
ClientSampleId :

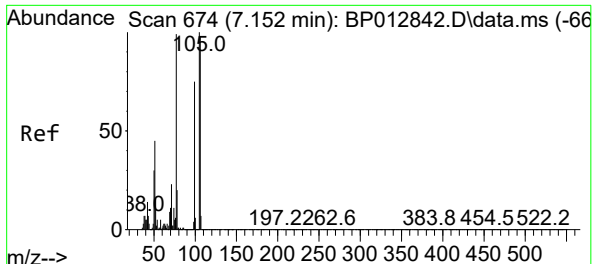
Tgt Ion: 88 Resp: 137801
Ion Ratio Lower Upper
88 100
43 28.7 22.6 34.0
58 74.1 59.6 89.4



#5
Pyridine
Concen: 7.915 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion: 79 Resp: 319155
Ion Ratio Lower Upper
79 100
52 77.1 58.9 88.3
51 36.0 27.3 40.9

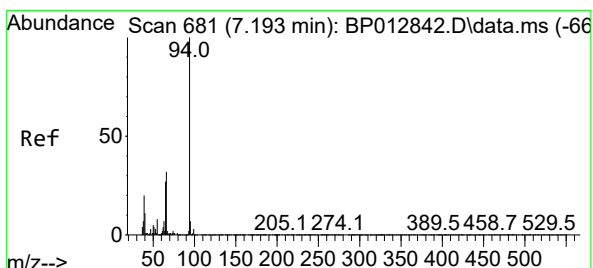
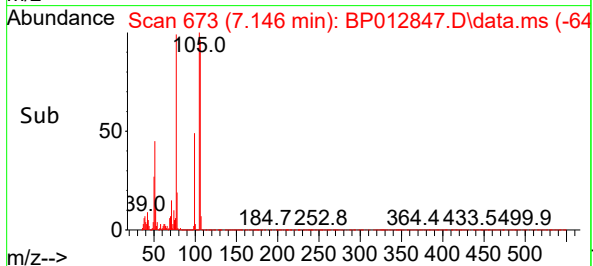
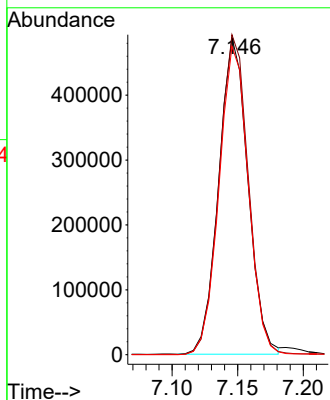
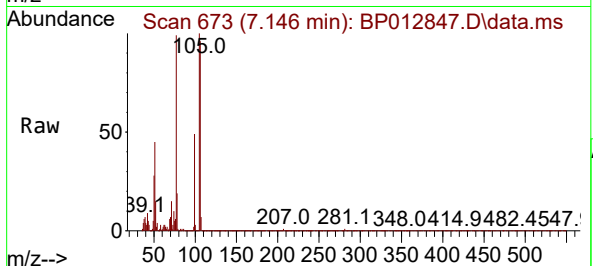




#6
Benzaldehyde
Concen: 31.893 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

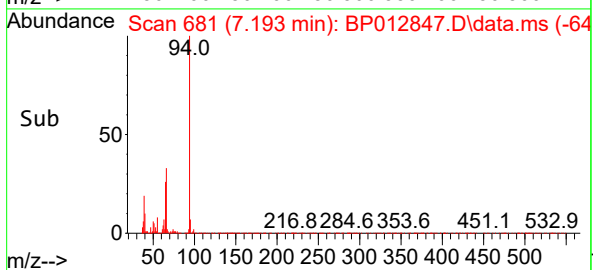
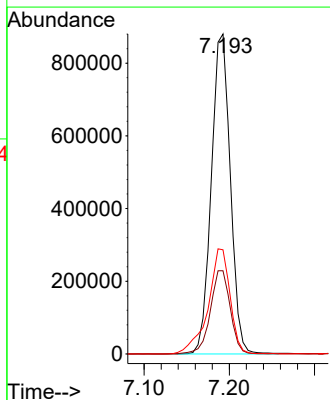
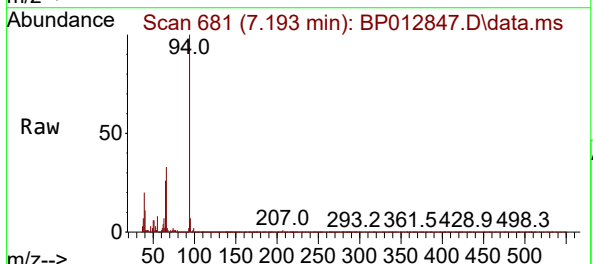
Instrument :
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ClientSampleId :

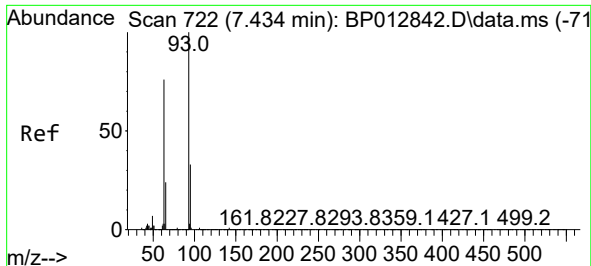
Tgt Ion: 77 Resp: 755082
Ion Ratio Lower Upper
77 100
105 100.9 81.4 122.2
106 97.2 77.4 116.0



#8
Phenol
Concen: 26.855 ng/ul
RT: 7.193 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion: 94 Resp: 1365440
Ion Ratio Lower Upper
94 100
65 26.0 20.9 31.3
66 32.5 26.0 39.0

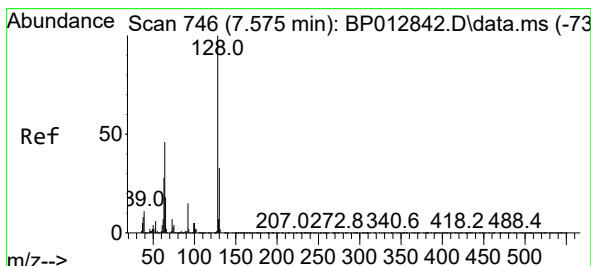
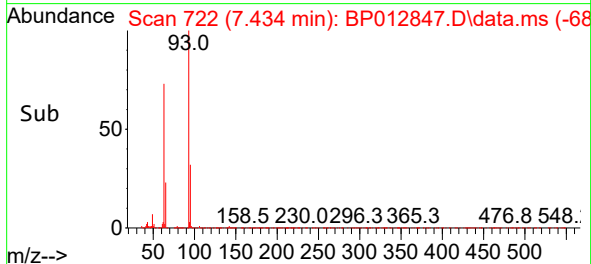
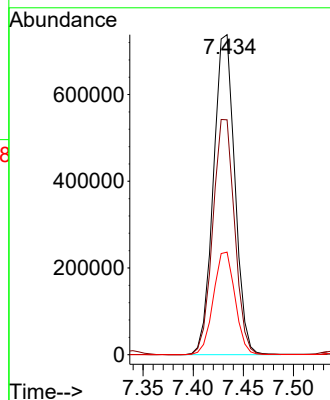
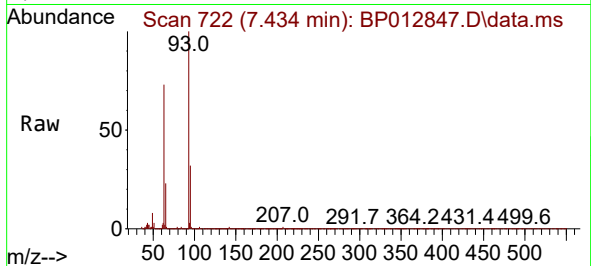




#10
Bis(2-Chloroethyl)ether
Concen: 26.347 ng/ul
RT: 7.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

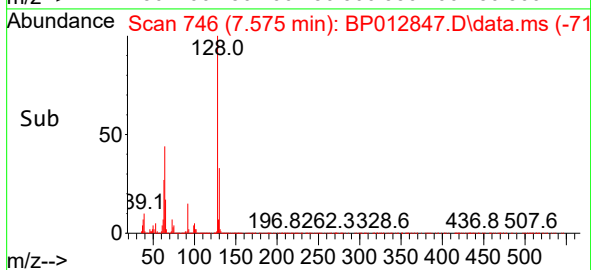
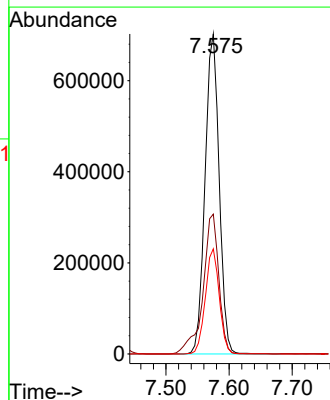
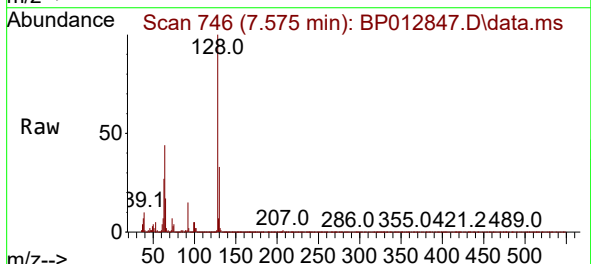
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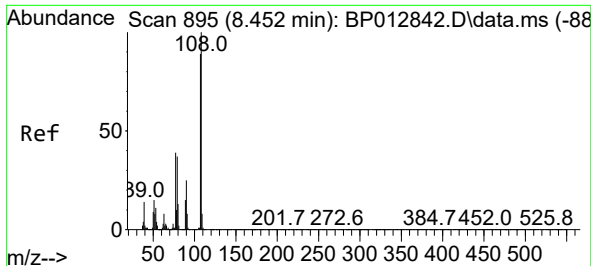
Tgt Ion: 93 Resp: 1097608
Ion Ratio Lower Upper
93 100
63 73.4 59.7 89.5
95 32.1 25.8 38.6



#12
2-Chlorophenol
Concen: 27.122 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:128 Resp: 1090095
Ion Ratio Lower Upper
128 100
64 43.7 35.6 53.4
130 32.9 26.0 39.0





#13

2-Methylphenol

Concen: 26.535 ng/ul

RT: 8.451 min Scan# 895

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

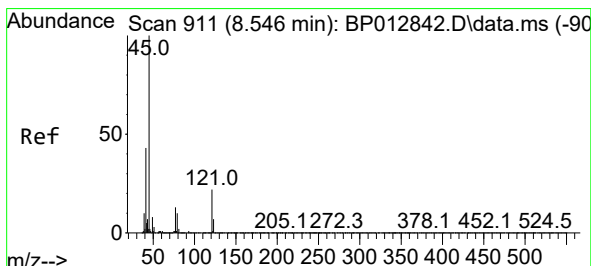
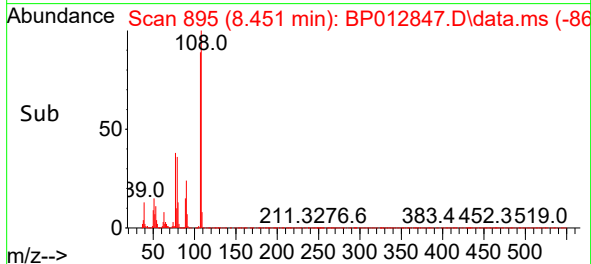
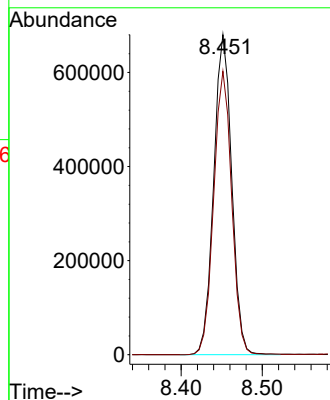
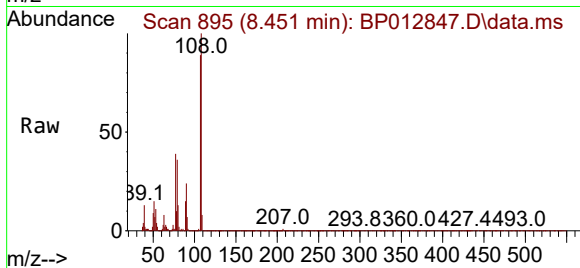
ClientSampleId :

Tgt Ion:108 Resp: 1048566

Ion Ratio Lower Upper

108 100

107 88.5 69.3 103.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.235 ng/ul

RT: 8.545 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

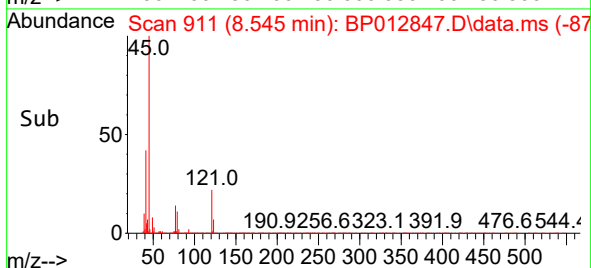
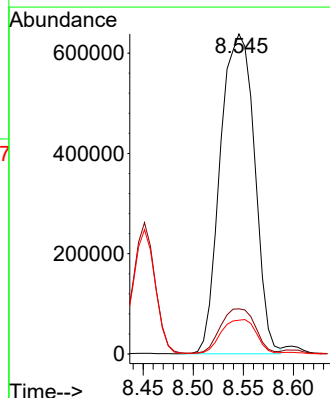
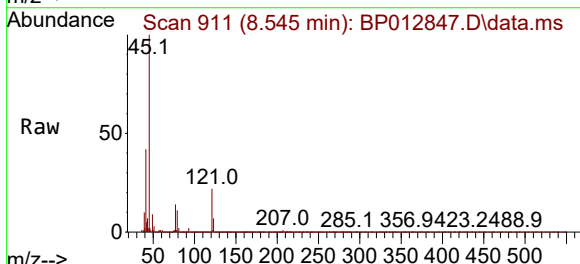
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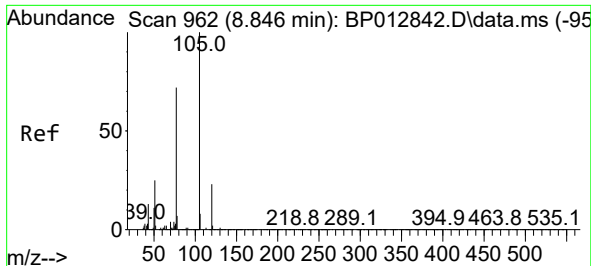
Ion Ratio Lower Upper

45 100

77 14.1 11.3 16.9

79 10.6 8.6 12.8

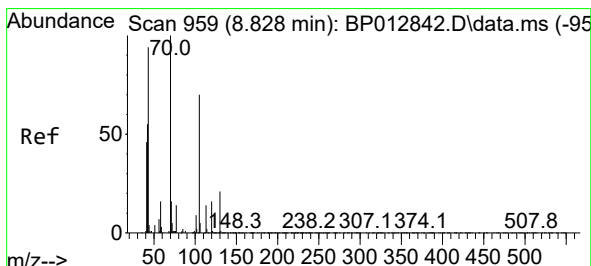
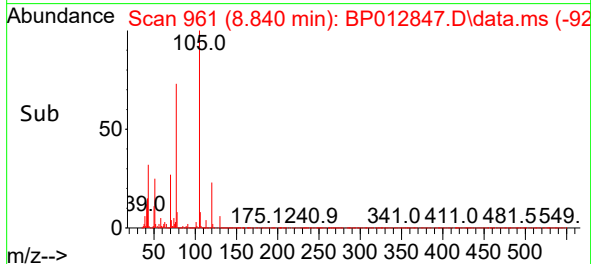
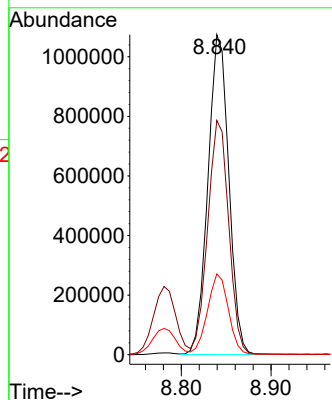
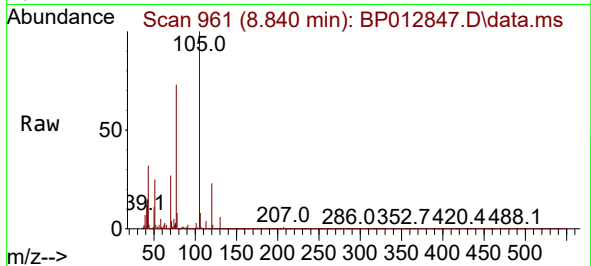




#16
Acetophenone
Concen: 27.989 ng/ul
RT: 8.840 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP012847.D
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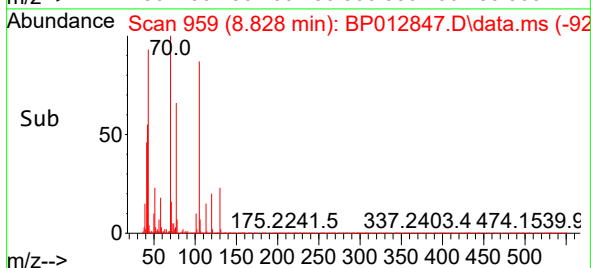
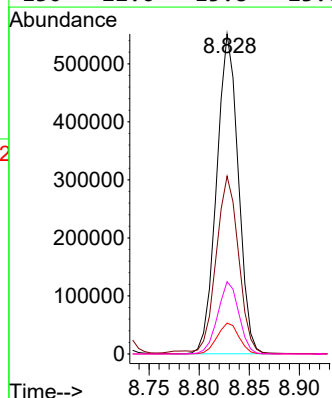
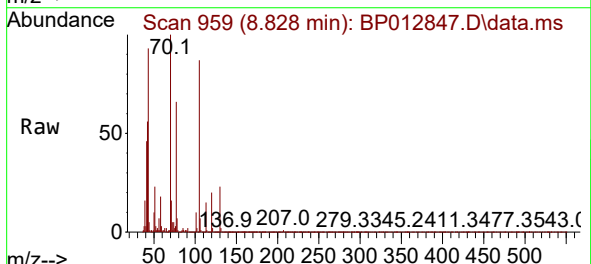
Instrument :
BNA_P
ClientSampleId :

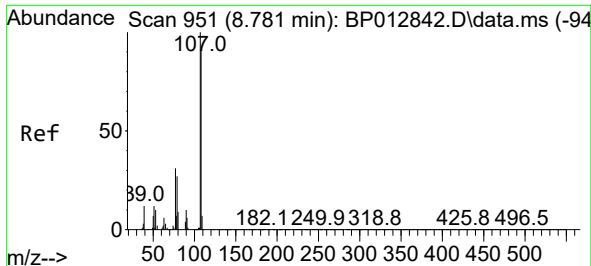
Tgt Ion:105 Resp: 1733162
Ion Ratio Lower Upper
105 100
77 73.2 59.7 89.5
51 25.3 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 27.143 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion: 70 Resp: 827960
Ion Ratio Lower Upper
70 100
42 55.6 46.1 69.1
101 9.7 7.4 11.2
130 22.6 15.8 23.6

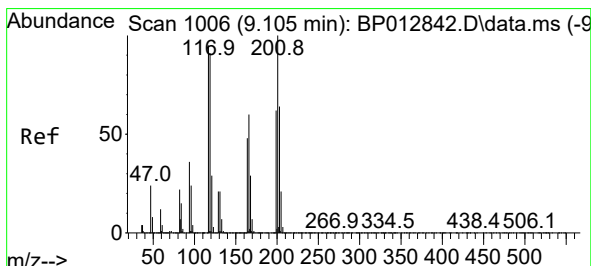
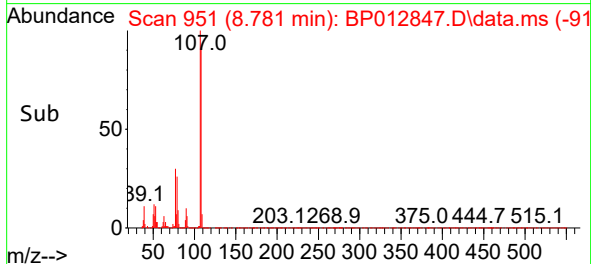
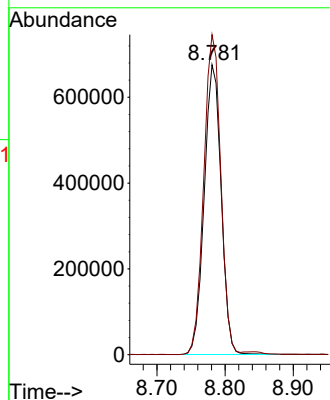
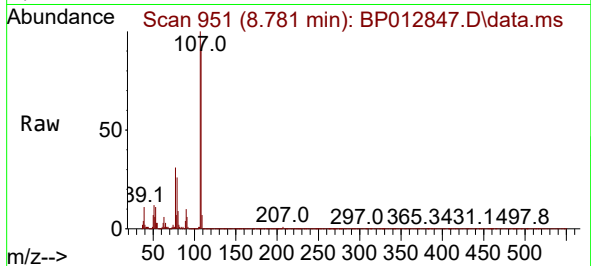




#18
4-Methylphenol
Concen: 26.909 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

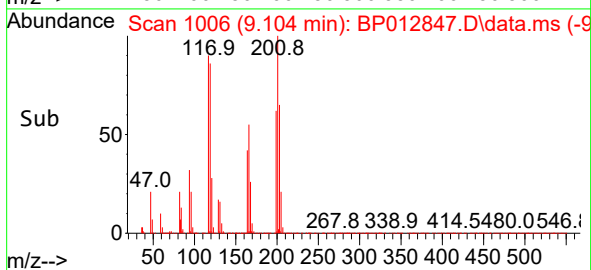
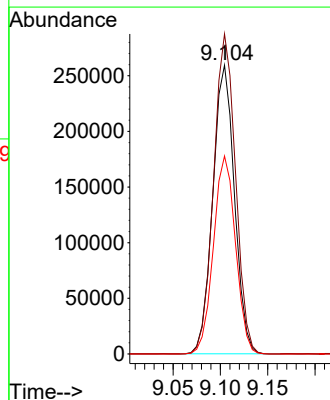
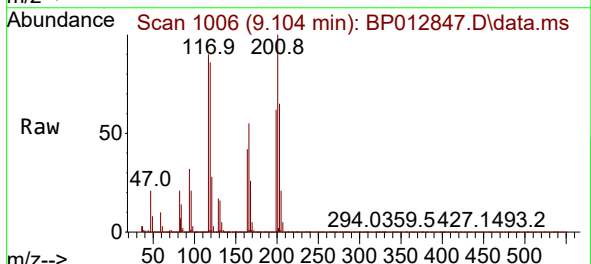
Instrument :
BNA_P
ClientSampleId :

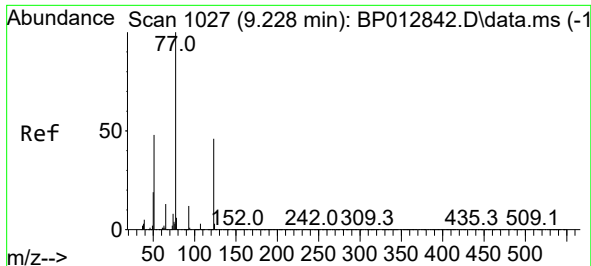
Tgt Ion:108 Resp: 1171096
Ion Ratio Lower Upper
108 100
107 110.4 90.2 135.2



#19
Hexachloroethane
Concen: 26.816 ng/ul
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:117 Resp: 413319
Ion Ratio Lower Upper
117 100
201 110.8 85.7 128.5
199 68.5 52.9 79.3

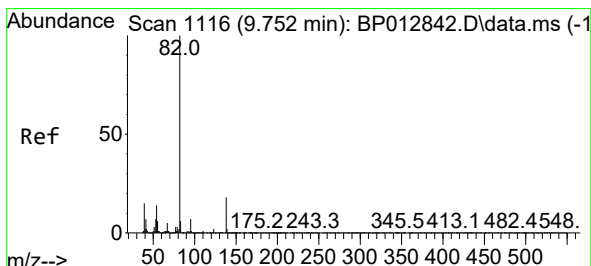
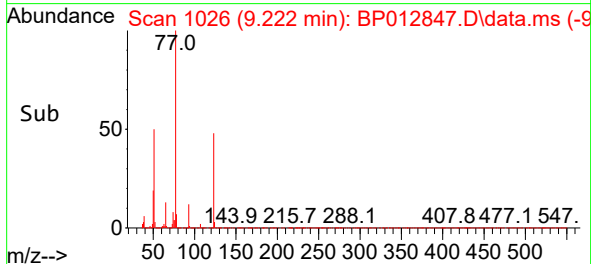
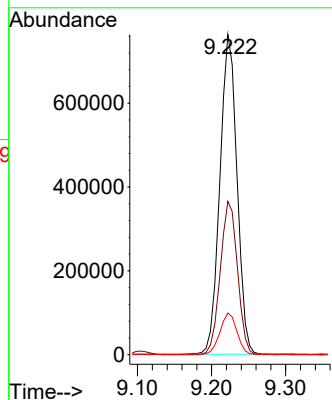
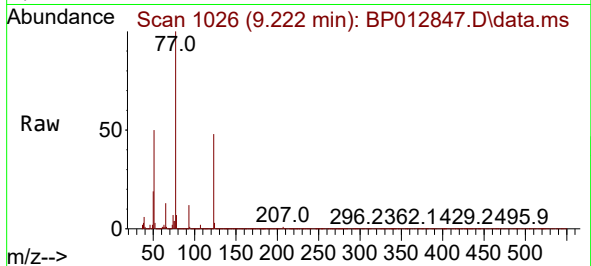




#22
Nitrobenzene
Concen: 28.092 ng/ul
RT: 9.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

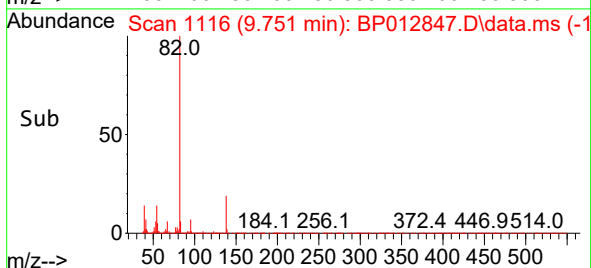
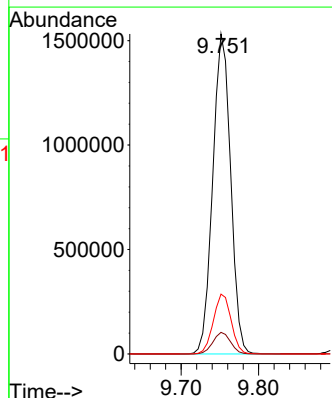
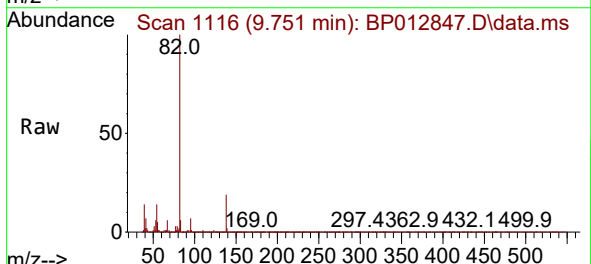
Instrument :
BNA_P
ClientSampleId :

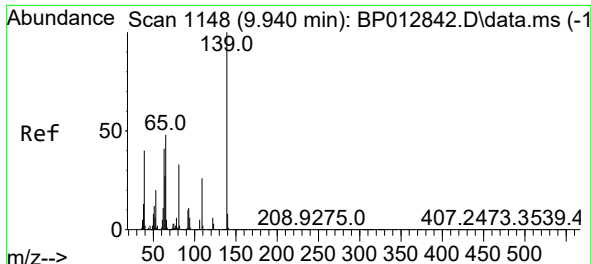
Tgt Ion: 77 Resp: 1222190
Ion Ratio Lower Upper
77 100
123 47.9 38.2 57.2
65 13.0 10.2 15.4



#23
Isophorone
Concen: 25.620 ng/ul
RT: 9.751 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion: 82 Resp: 2457283
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.7 14.5 21.7

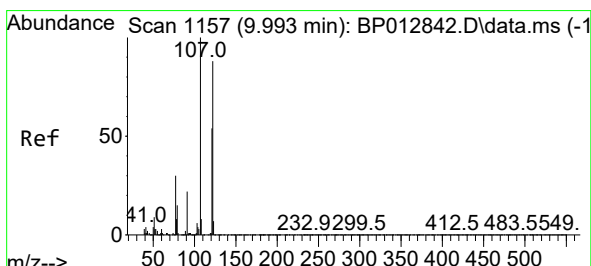
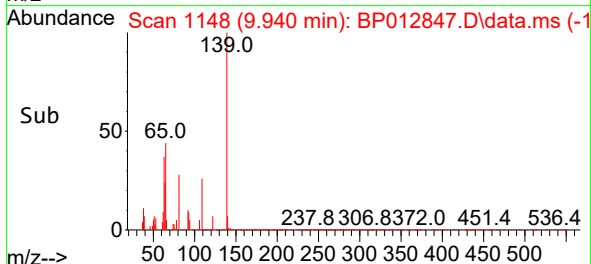
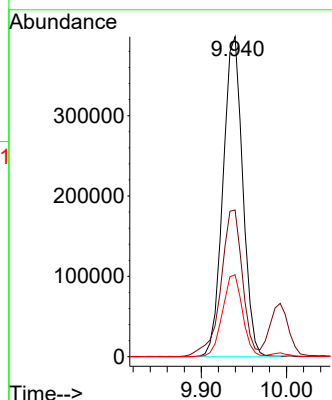
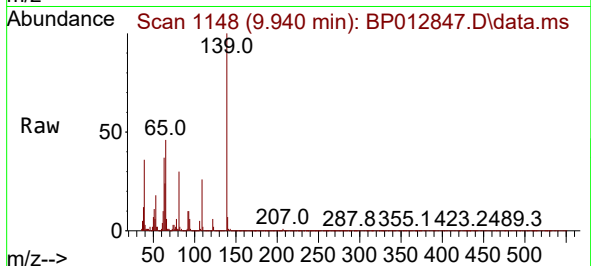




#25
2-Nitrophenol
Concen: 30.277 ng/ul
RT: 9.940 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

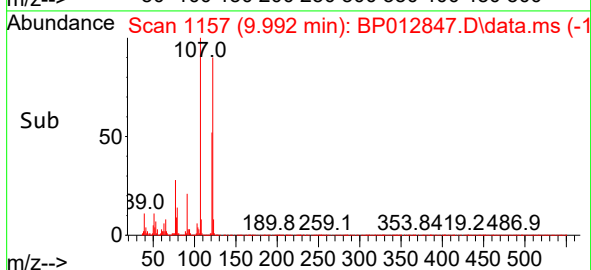
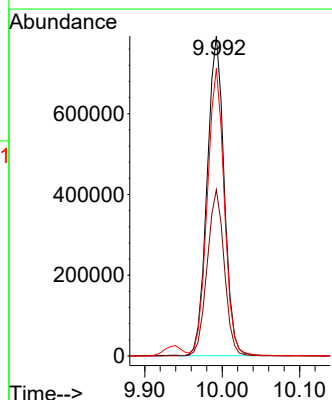
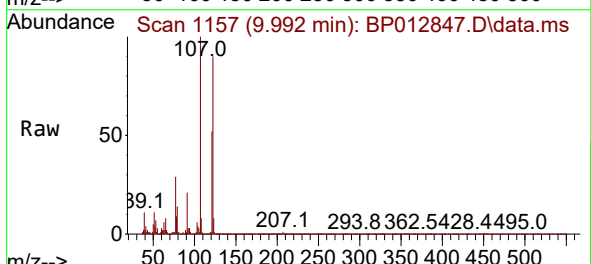
Instrument :
BNA_P
ClientSampleId :

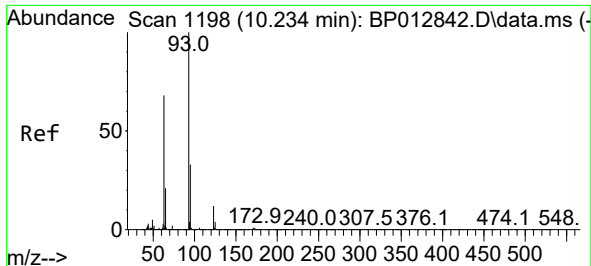
Tgt Ion:139 Resp: 640143
Ion Ratio Lower Upper
139 100
65 45.8 39.5 59.3
109 25.6 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 25.788 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:107 Resp: 1211552
Ion Ratio Lower Upper
107 100
121 52.0 41.8 62.6
122 89.8 72.3 108.5

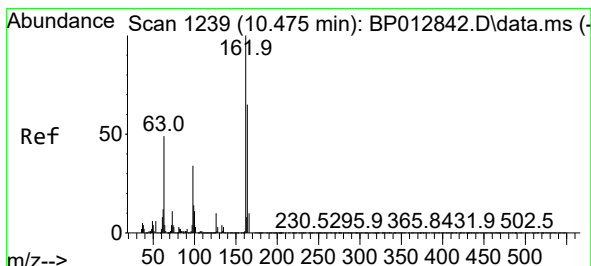
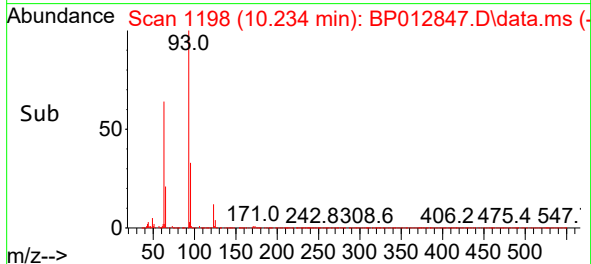
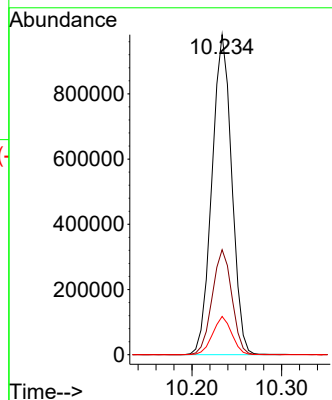
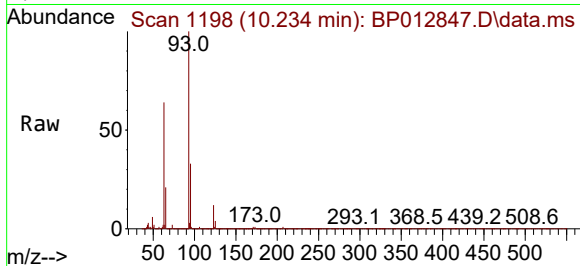




#27
 Bis(2-Chloroethoxy)methane
 Concen: 25.594 ng/ul
 RT: 10.234 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BP012847.D
 Acq: 29 Nov 2022 12:22

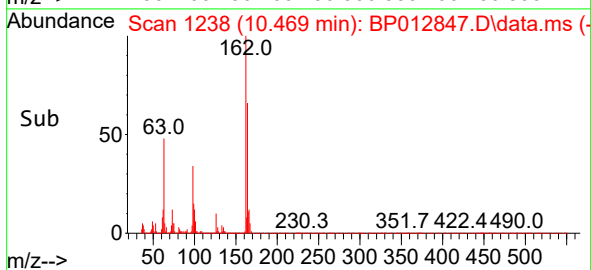
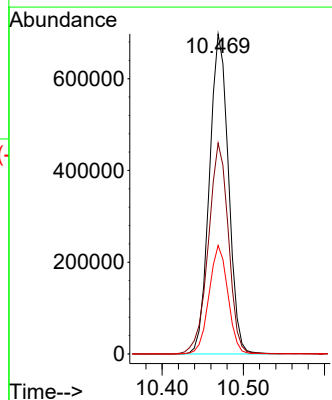
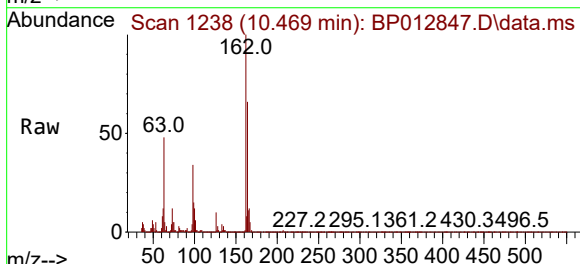
Instrument :
 BNA_P
 ClientSampleId :

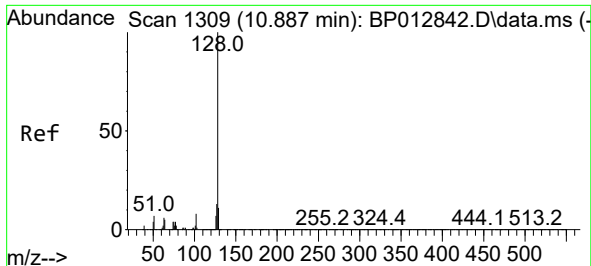
Tgt Ion: 93 Resp: 1505059
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.1 39.1
 123 12.0 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 26.685 ng/ul
 RT: 10.469 min Scan# 1238
 Delta R.T. -0.006 min
 Lab File: BP012847.D
 Acq: 29 Nov 2022 12:22

Tgt Ion:162 Resp: 1136105
 Ion Ratio Lower Upper
 162 100
 164 65.9 52.9 79.3
 98 33.9 26.6 40.0

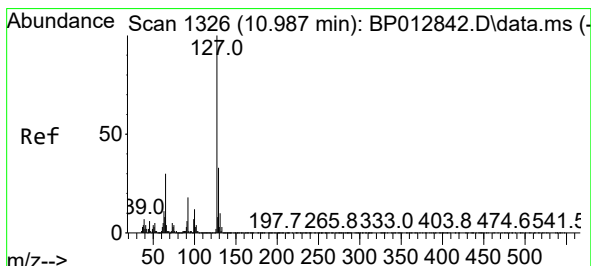
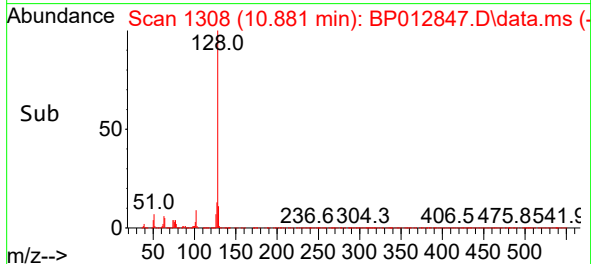
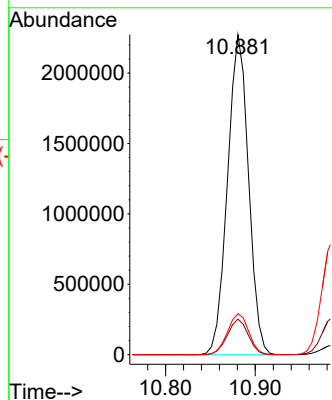
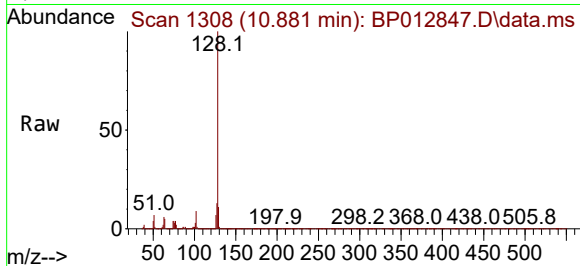




#30
Naphthalene
Concen: 25.989 ng/ul
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

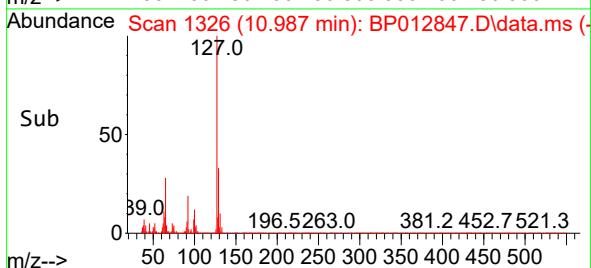
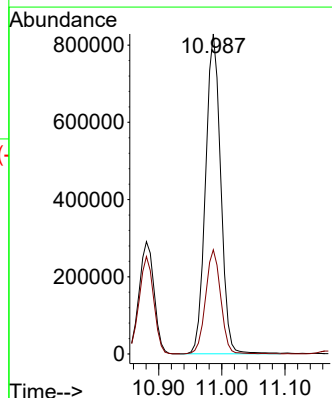
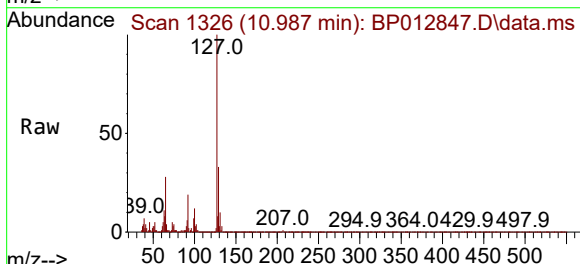
Instrument :
BNA_P
ClientSampleId :

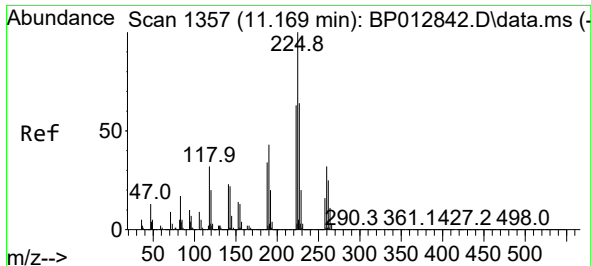
Tgt Ion:128 Resp: 3688352
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 23.925 ng/ul
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

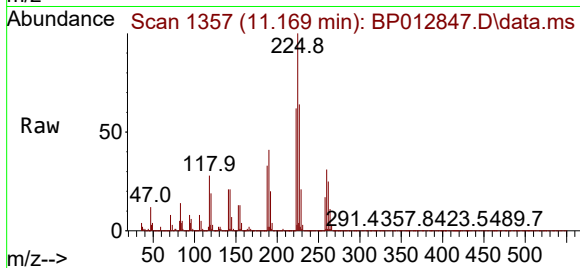
Tgt Ion:127 Resp: 1382870
Ion Ratio Lower Upper
127 100
129 32.5 25.7 38.5



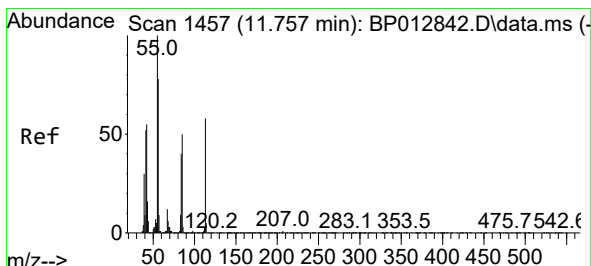
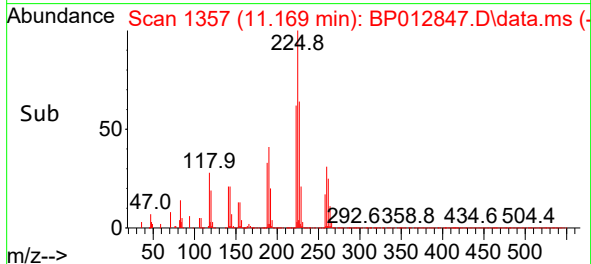
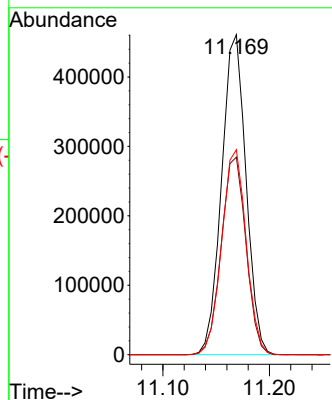


#33
Hexachlorobutadiene
Concen: 25.888 ng/ul
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Instrument :
BNA_P
ClientSampleId :

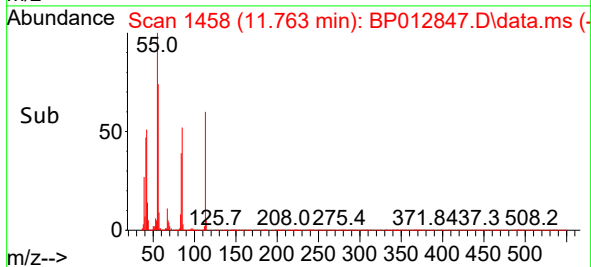
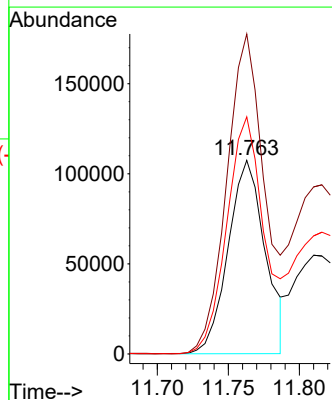
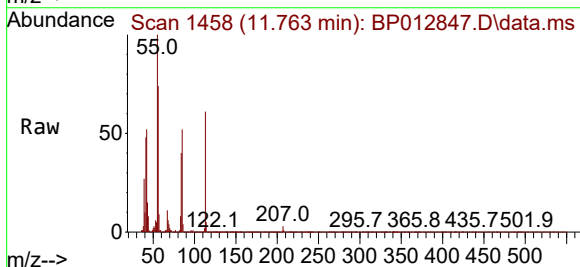


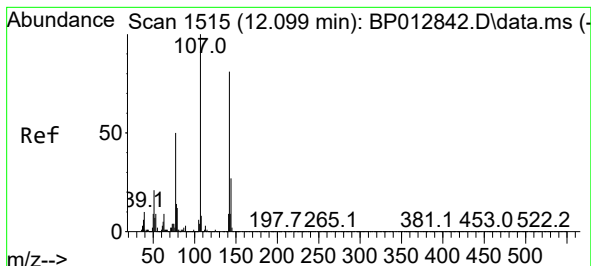
Tgt Ion:225 Resp: 734123
Ion Ratio Lower Upper
225 100
223 61.8 49.6 74.4
227 64.0 51.0 76.6



#34
Caprolactam
Concen: 14.891 ng/ul
RT: 11.763 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:113 Resp: 194681
Ion Ratio Lower Upper
113 100
55 165.3 145.9 218.9
56 122.4 107.1 160.7

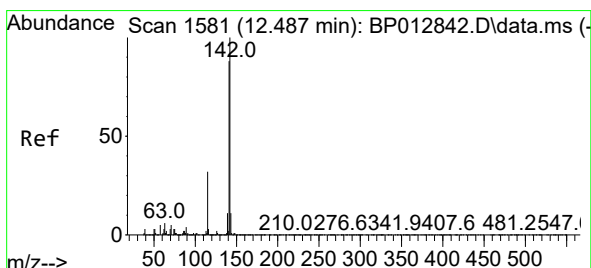
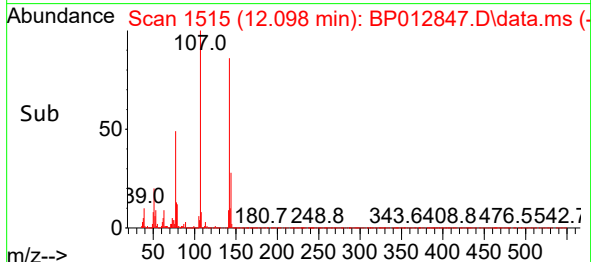
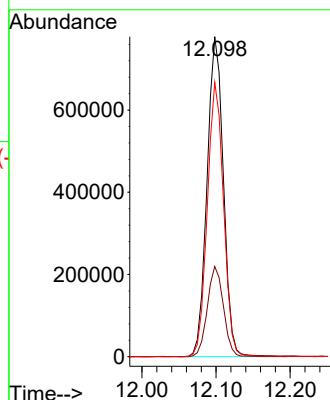
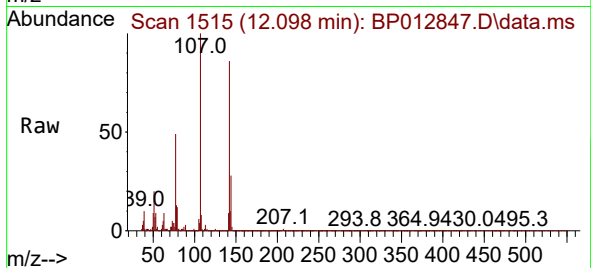




#35
4-Chloro-3-methylphenol
Concen: 27.712 ng/ul
RT: 12.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

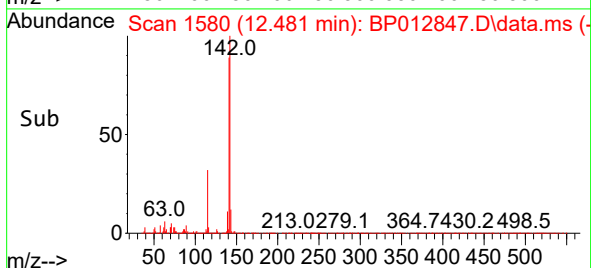
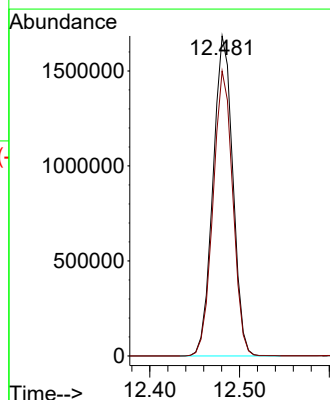
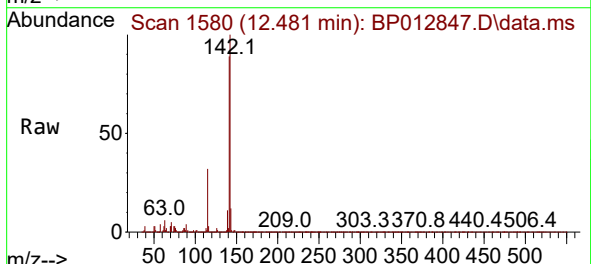
Instrument :
BNA_P
ClientSampleId :

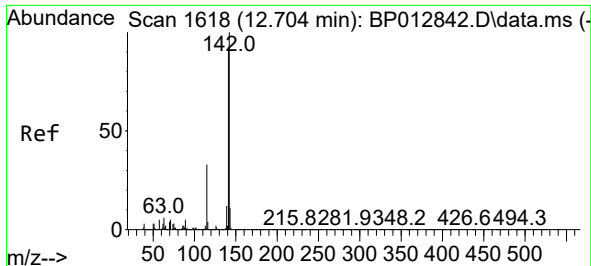
Tgt Ion:107 Resp: 1194742
Ion Ratio Lower Upper
107 100
144 28.2 21.4 32.2
142 85.7 66.6 100.0



#36
2-Methylnaphthalene
Concen: 26.470 ng/ul
RT: 12.481 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:142 Resp: 2586882
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.2

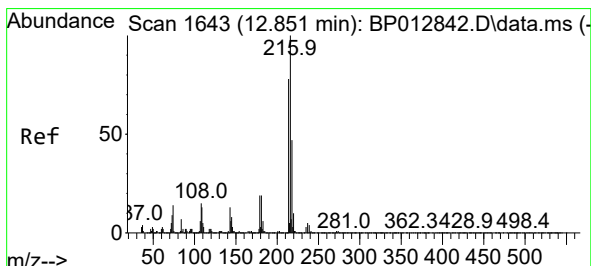
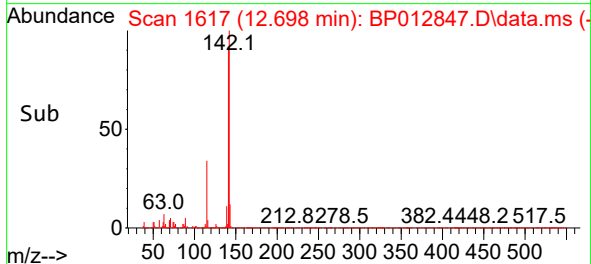
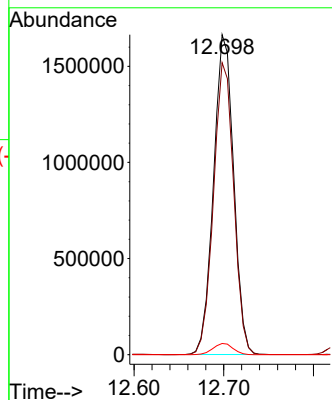
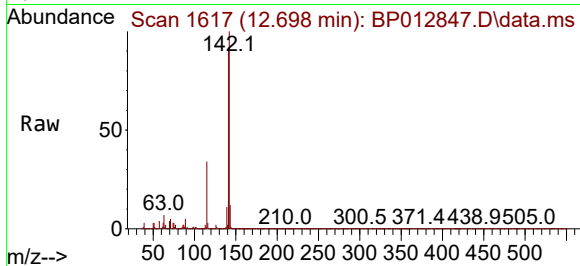




#37
1-Methylnaphthalene
Concen: 26.424 ng/ul
RT: 12.698 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

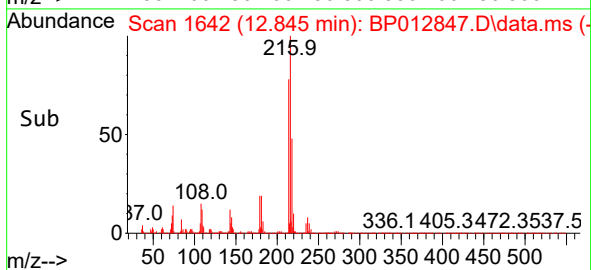
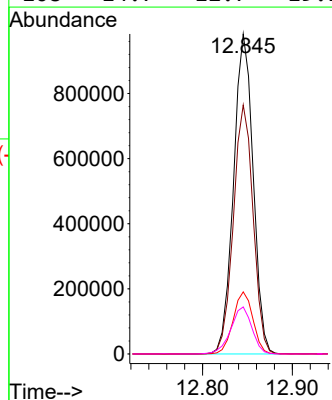
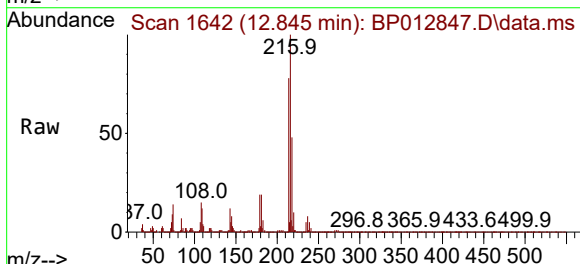
Instrument :
BNA_P
ClientSampleId :

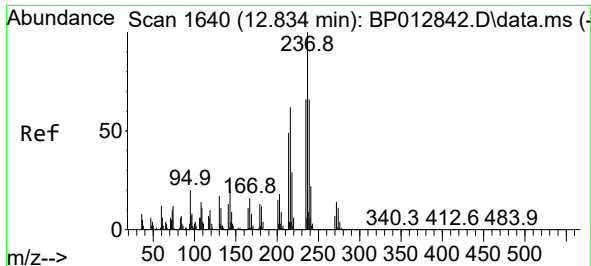
Tgt Ion:142 Resp: 2588099
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9
116 3.5 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.917 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:216 Resp: 1490771
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.6
179 19.4 16.2 24.4
108 14.7 12.7 19.1

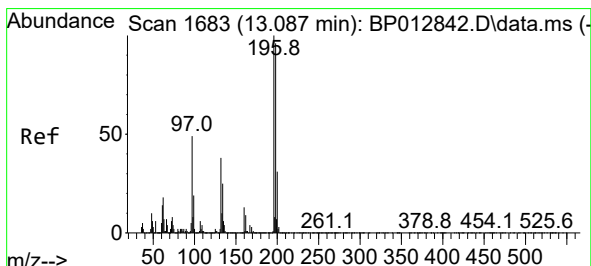
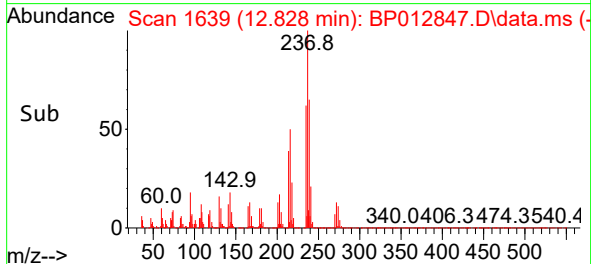
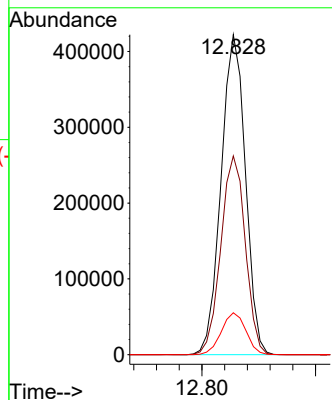
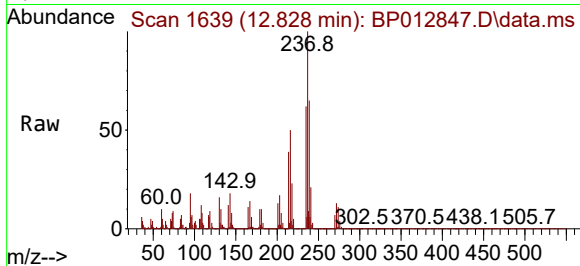




#40
Hexachlorocyclopentadiene
Concen: 22.660 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

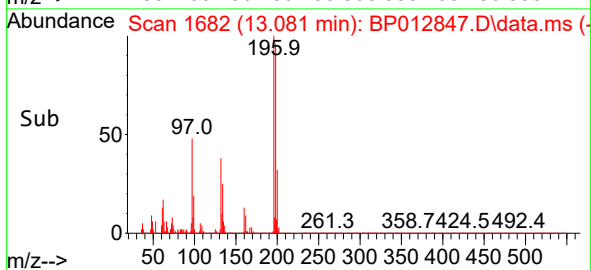
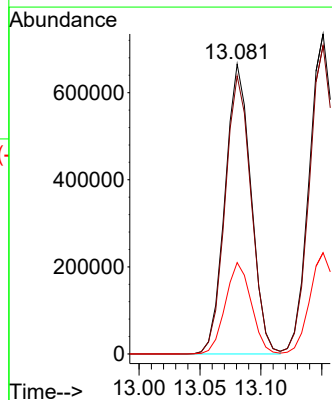
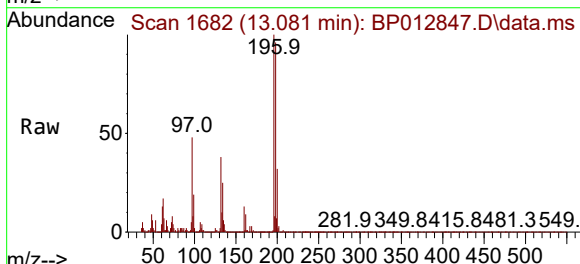
Instrument :
BNA_P
ClientSampleId :

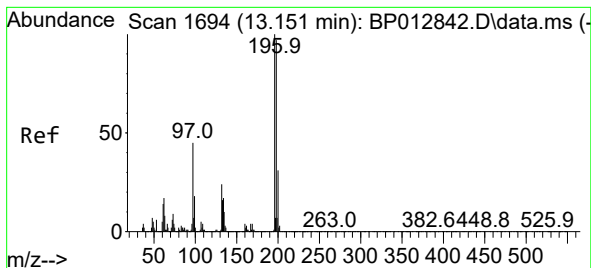
Tgt Ion:237 Resp: 628040
Ion Ratio Lower Upper
237 100
235 62.1 50.2 75.4
272 13.1 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 27.431 ng/ul
RT: 13.081 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:196 Resp: 987248
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
200 31.5 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 27.794 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

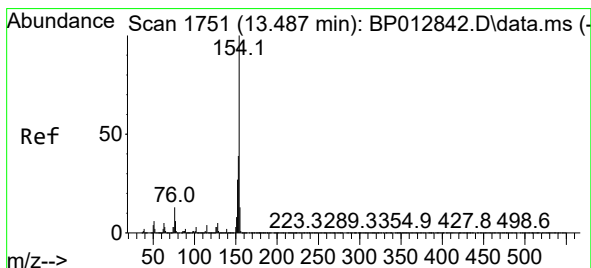
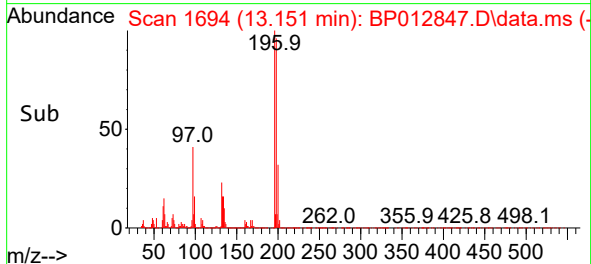
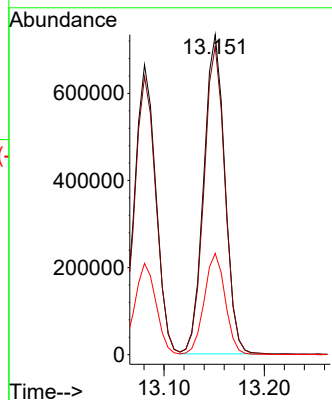
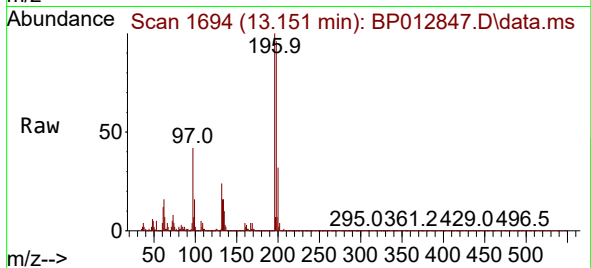
Tgt Ion:196 Resp: 1075342

Ion Ratio Lower Upper

196 100

198 96.4 77.6 116.4

200 31.6 24.2 36.4



#43

1,1'-Biphenyl

Concen: 25.967 ng/ul

RT: 13.486 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

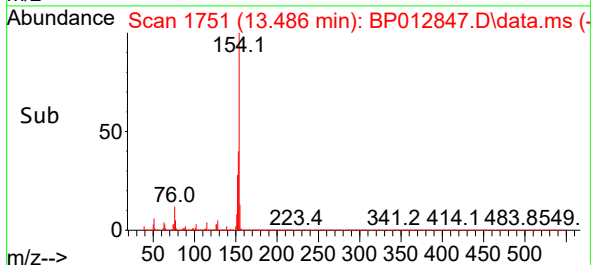
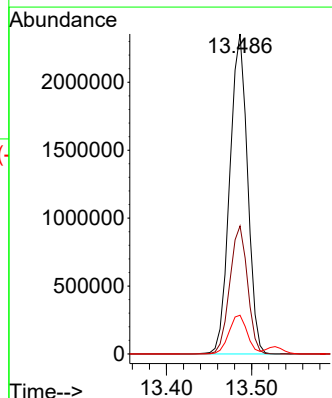
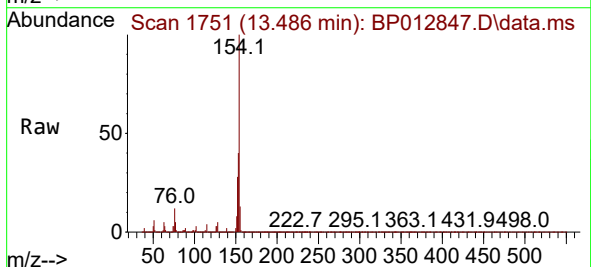
Tgt Ion:154 Resp: 3412168

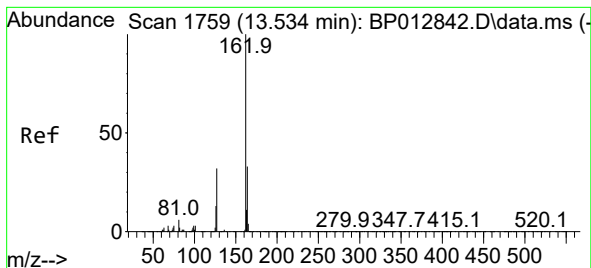
Ion Ratio Lower Upper

154 100

153 40.0 32.0 48.0

76 12.1 10.2 15.4





#44

2-Chloronaphthalene

Concen: 26.120 ng/ul

RT: 13.528 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

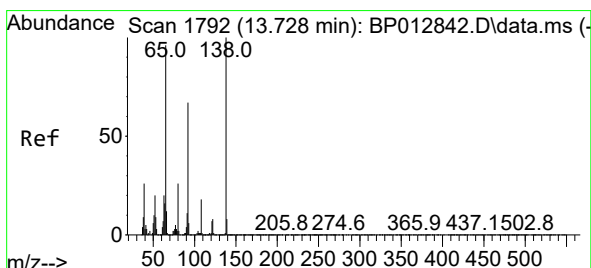
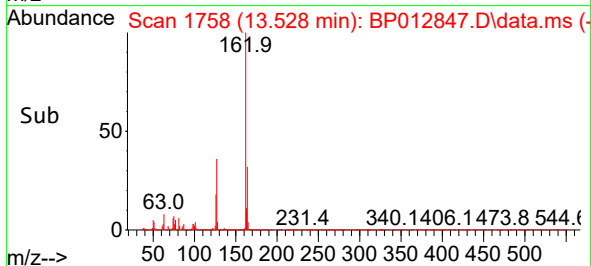
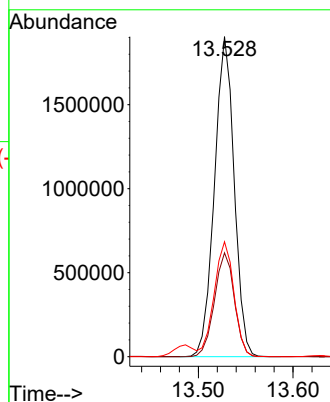
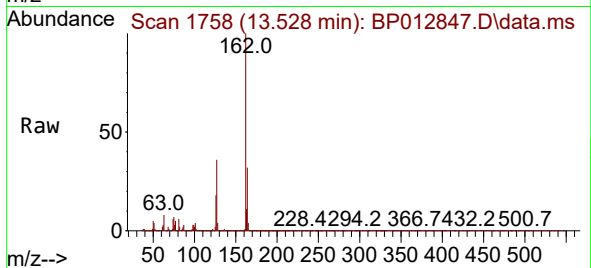
Tgt Ion:162 Resp: 2745833

Ion Ratio Lower Upper

162 100

164 32.5 26.5 39.7

127 35.9 28.8 43.2



#45

2-Nitroaniline

Concen: 35.383 ng/ul

RT: 13.728 min Scan# 1792

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

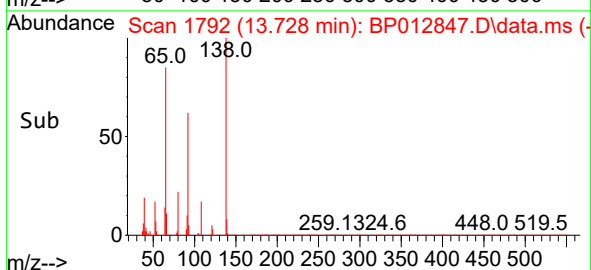
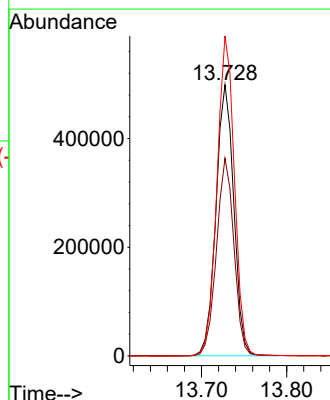
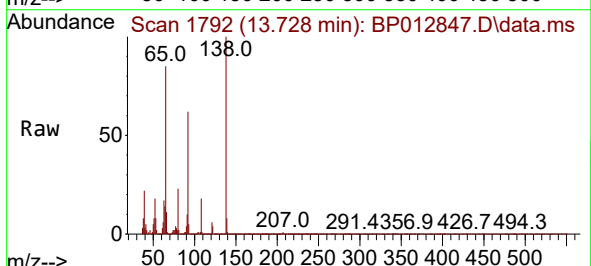
Tgt Ion: 65 Resp: 727737

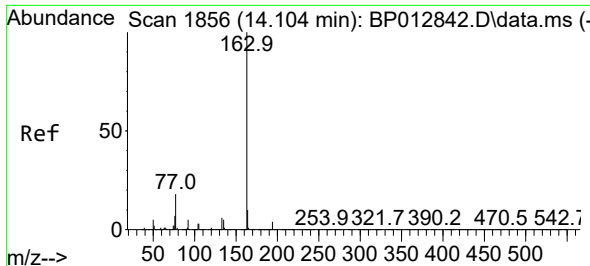
Ion Ratio Lower Upper

65 100

92 72.9 57.8 86.8

138 118.0 94.6 142.0

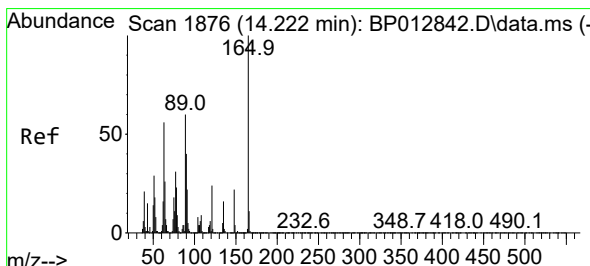
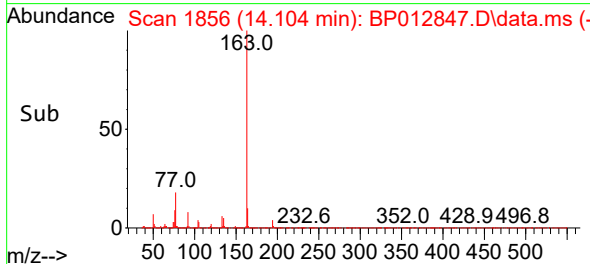
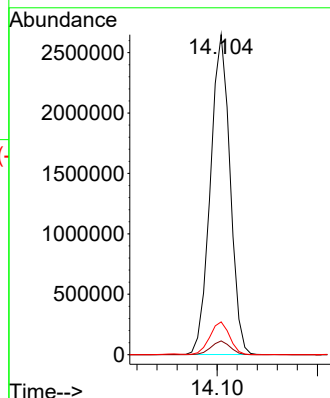
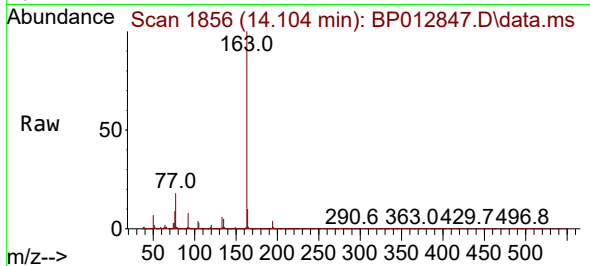




#47
Dimethylphthalate
Concen: 27.759 ng/ul
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

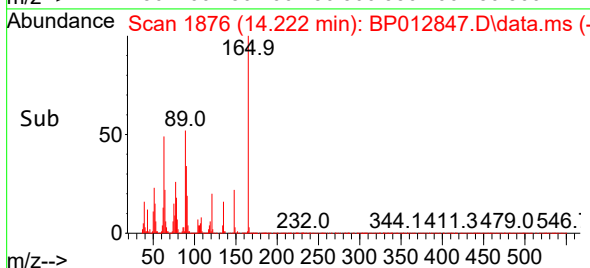
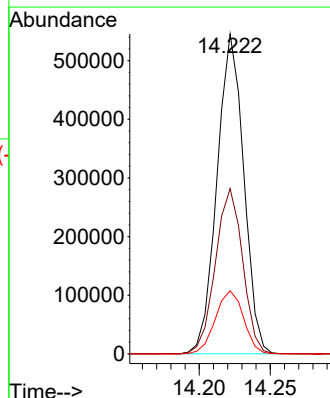
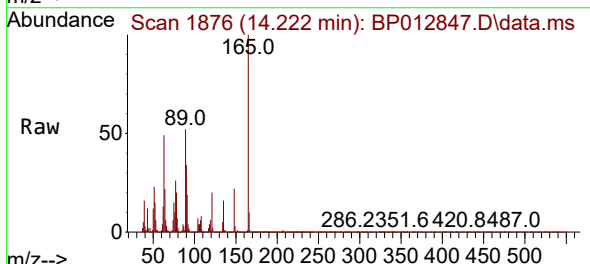
Instrument :
BNA_P
ClientSampleId :

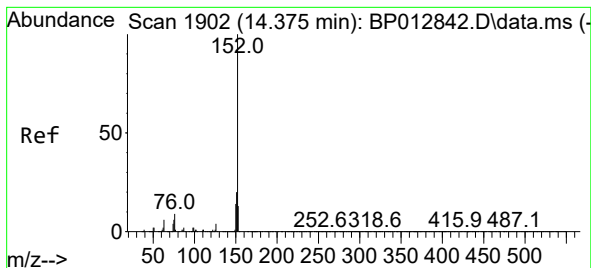
Tgt Ion:163 Resp: 3612783
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 34.974 ng/ul
RT: 14.222 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:165 Resp: 712355
Ion Ratio Lower Upper
165 100
89 51.6 42.7 64.1
121 19.8 16.9 25.3





#50

Acenaphthylene

Concen: 26.661 ng/ul

RT: 14.375 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

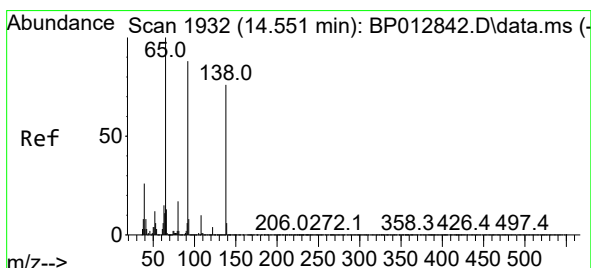
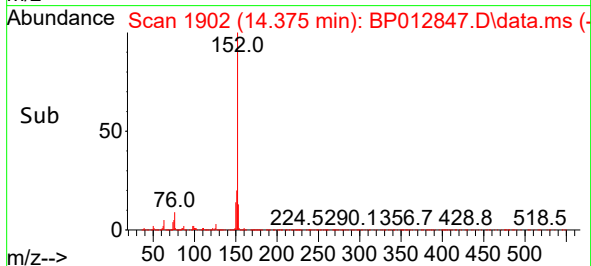
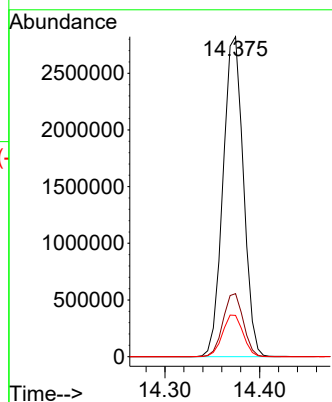
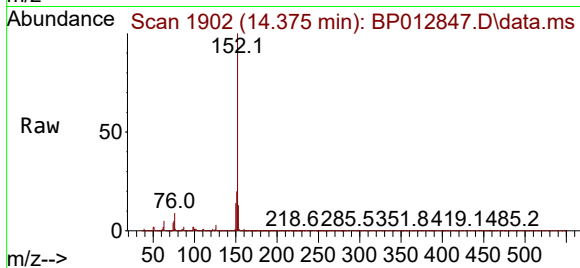
Tgt Ion:152 Resp: 4223333

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.9 10.7 16.1



#51

3-Nitroaniline

Concen: 30.753 ng/ul

RT: 14.551 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

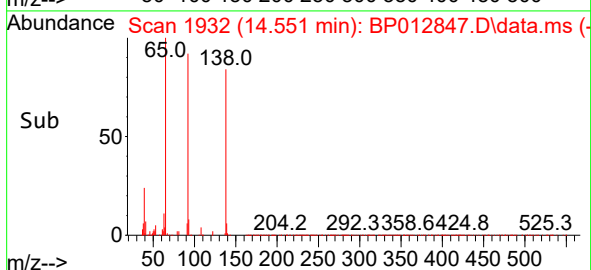
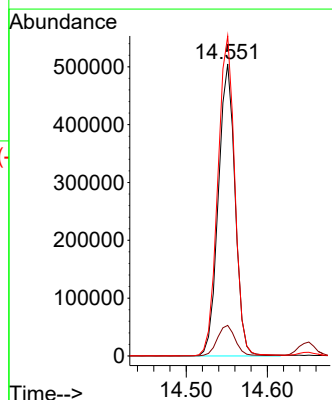
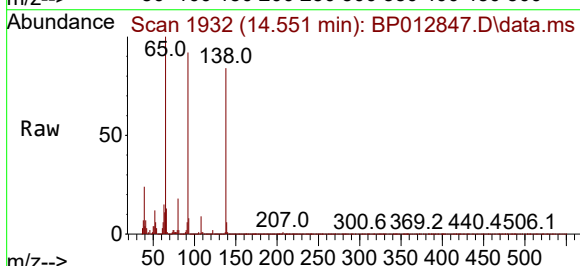
Tgt Ion:138 Resp: 725442

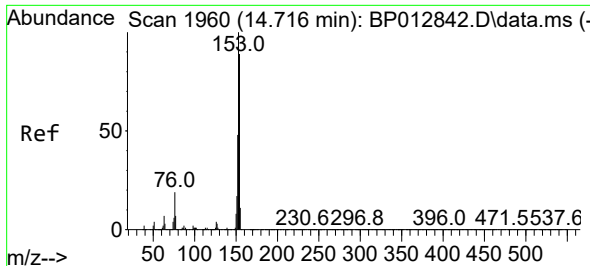
Ion Ratio Lower Upper

138 100

108 10.5 9.9 14.9

92 109.6 90.2 135.2

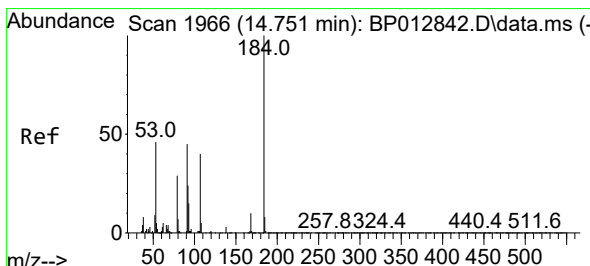
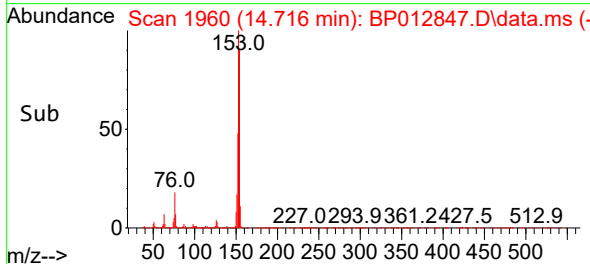
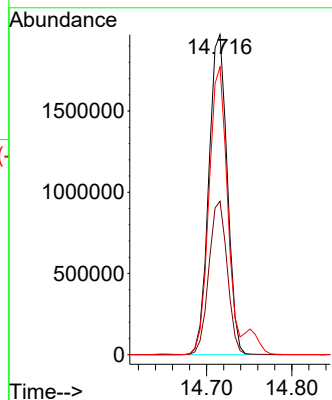
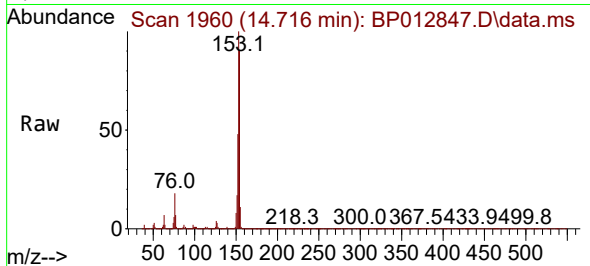




#52
Acenaphthene
Concen: 26.436 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

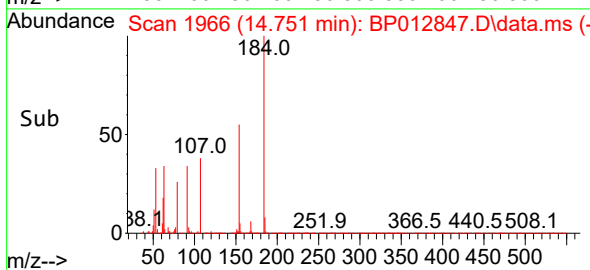
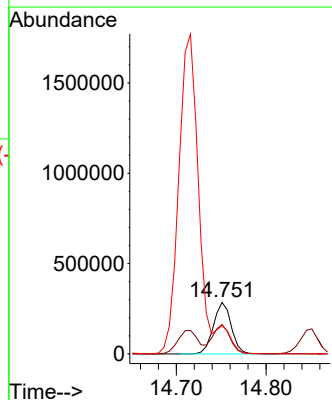
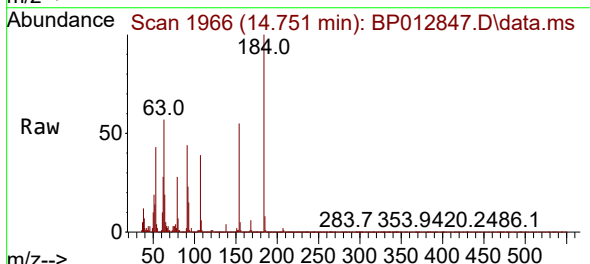
Instrument :
BNA_P
ClientSampleId :

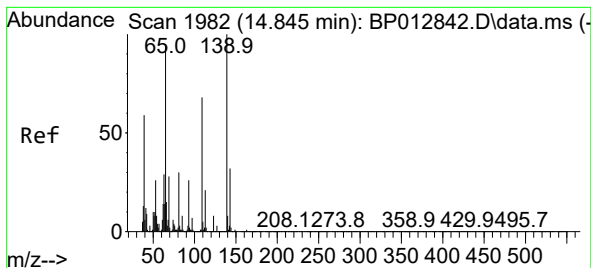
Tgt Ion:153 Resp: 2948192
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 89.9 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 30.113 ng/ul
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:184 Resp: 394127
Ion Ratio Lower Upper
184 100
63 57.1 48.1 72.1
154 55.2 47.4 71.2

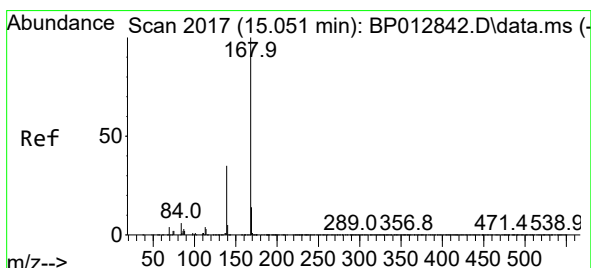
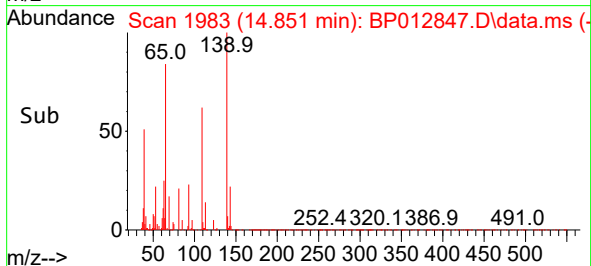
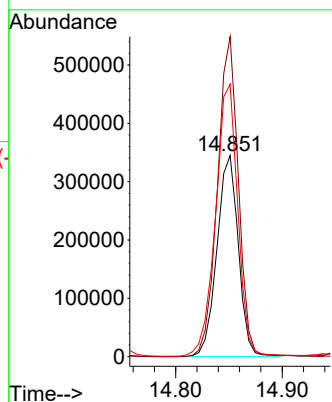
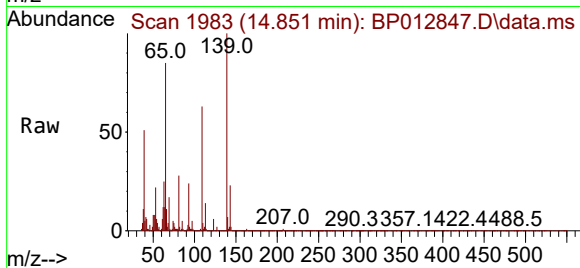




#55
4-Nitrophenol
Concen: 29.736 ng/ul
RT: 14.851 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

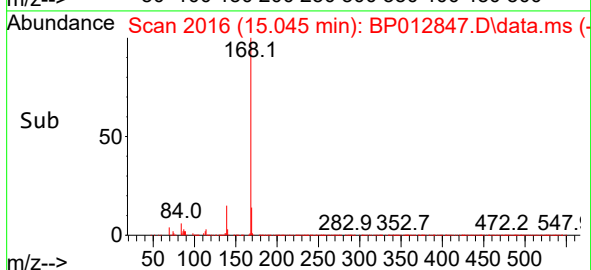
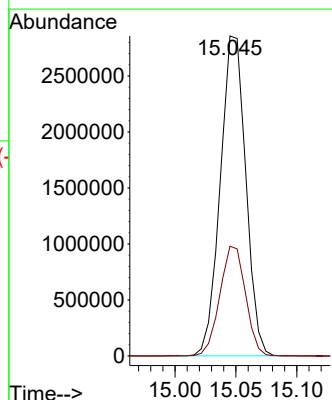
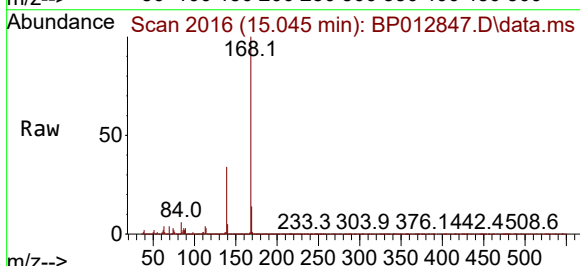
Instrument :
BNA_P
ClientSampleId :

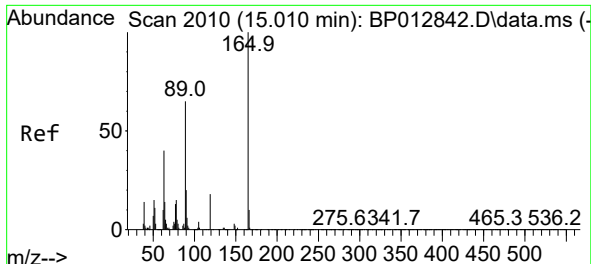
Tgt Ion:109 Resp: 478221
Ion Ratio Lower Upper
109 100
139 159.1 119.2 178.8
65 135.4 110.7 166.1



#56
Dibenzofuran
Concen: 27.089 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:168 Resp: 4164086
Ion Ratio Lower Upper
168 100
139 34.3 27.7 41.5





#57

2,4-Dinitrotoluene

Concen: 35.653 ng/ul

RT: 15.004 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

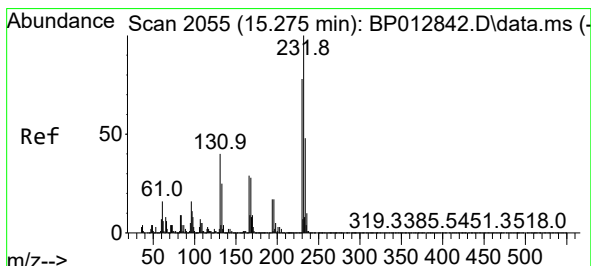
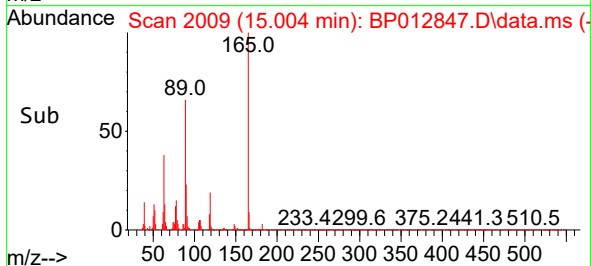
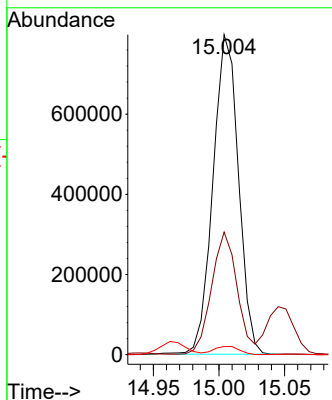
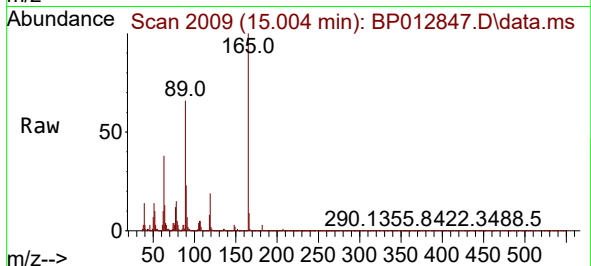
Tgt Ion:165 Resp: 1071622

Ion Ratio Lower Upper

165 100

63 38.3 31.0 46.4

182 2.6 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.466 ng/ul

RT: 15.269 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Tgt Ion:232 Resp: 982628

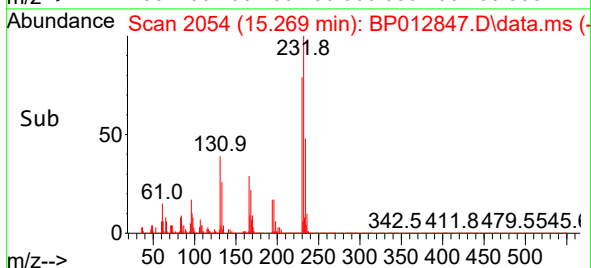
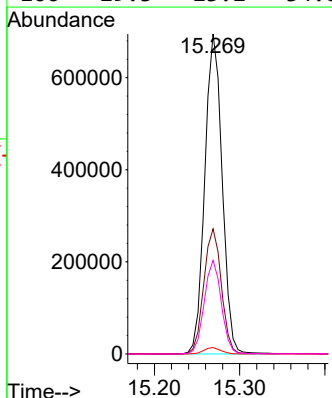
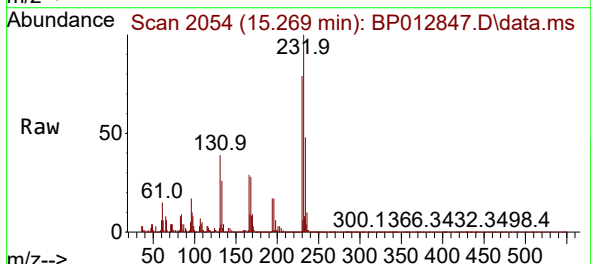
Ion Ratio Lower Upper

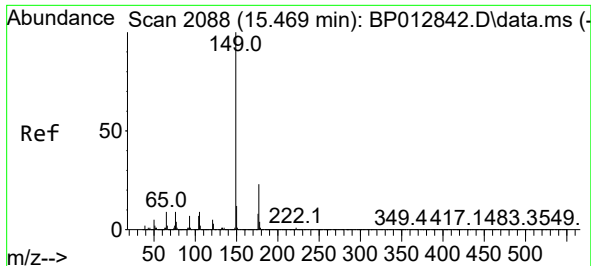
232 100

131 39.1 32.0 48.0

130 2.0 1.5 2.3

166 29.3 23.2 34.8

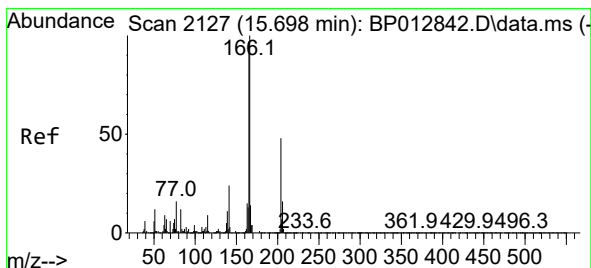
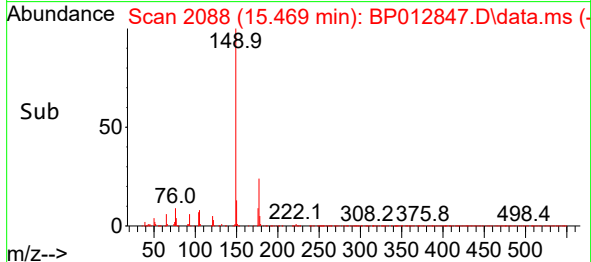
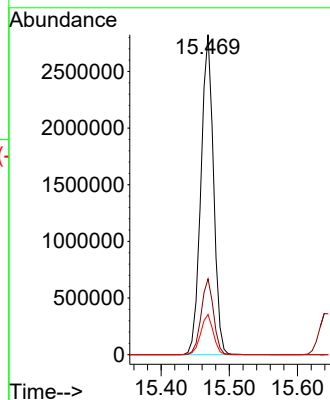
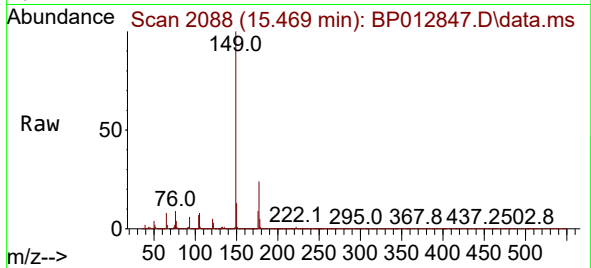




#59
Diethylphthalate
Concen: 28.787 ng/ul
RT: 15.469 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

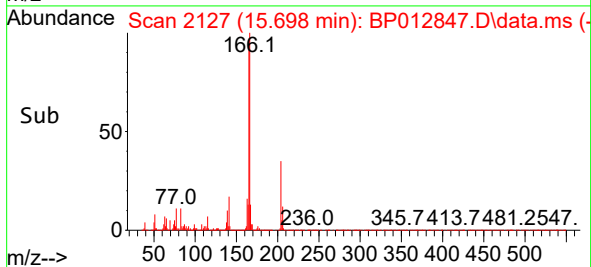
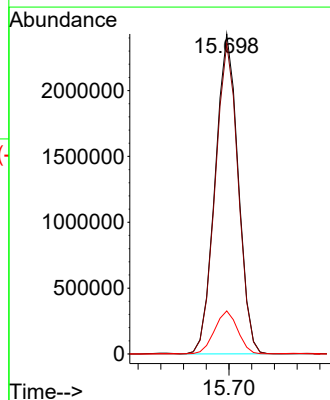
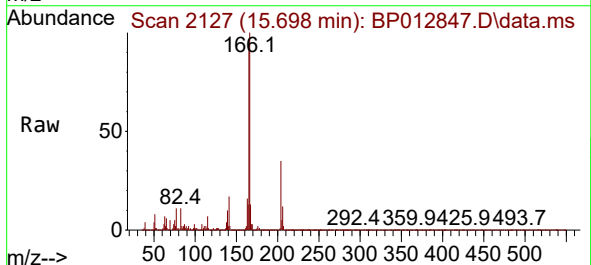
Instrument :
BNA_P
ClientSampleId :

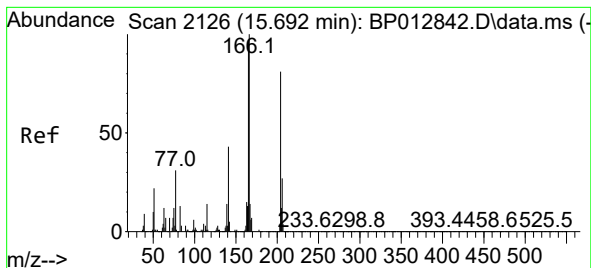
Tgt Ion:149 Resp: 3626716
Ion Ratio Lower Upper
149 100
177 23.7 18.1 27.1
150 12.5 9.8 14.8



#61
Fluorene
Concen: 27.727 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:166 Resp: 3418078
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 13.5 10.9 16.3

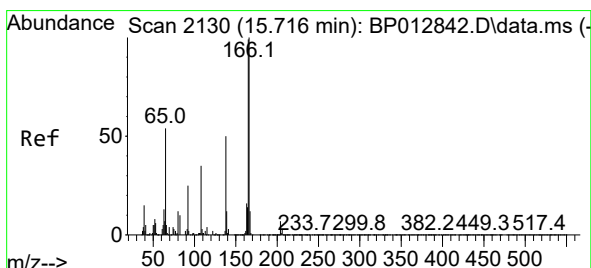
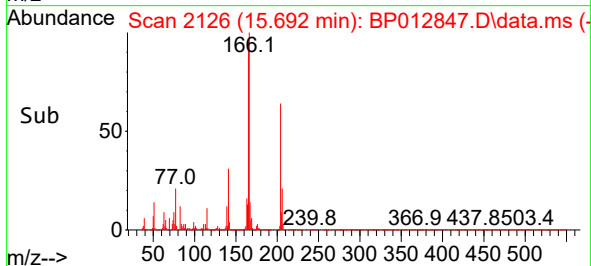
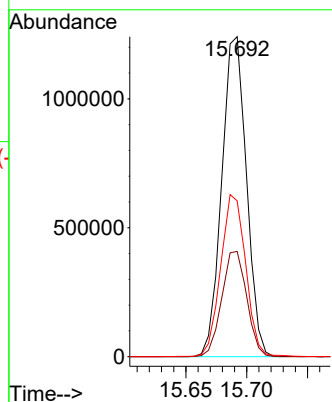
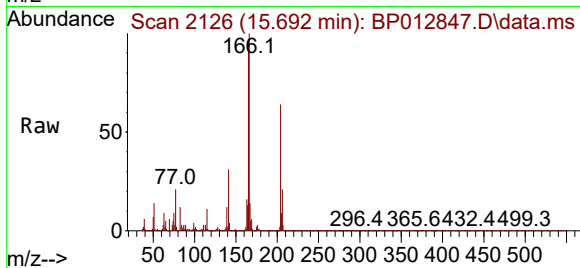




#62
4-Chlorophenyl-phenylether
Concen: 27.422 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

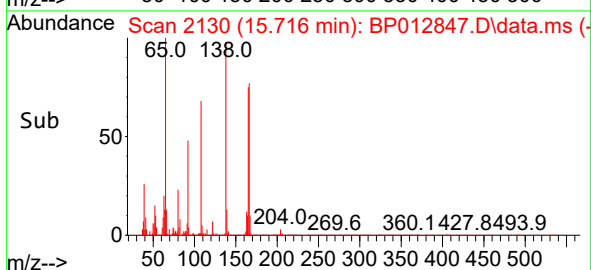
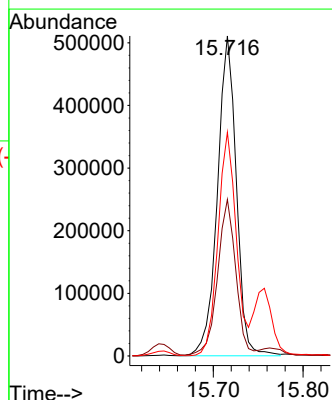
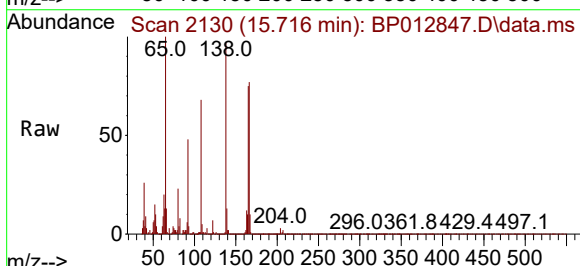
Instrument :
BNA_P
ClientSampleId :

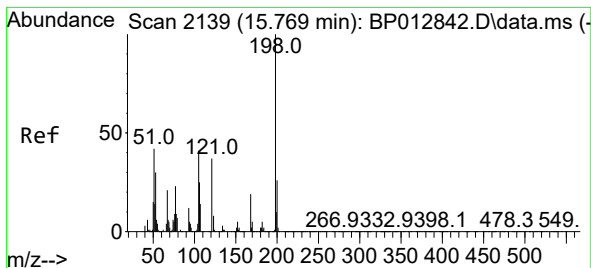
Tgt Ion:204 Resp: 1753940
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 48.7 40.7 61.1



#63
4-Nitroaniline
Concen: 37.243 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:138 Resp: 748783
Ion Ratio Lower Upper
138 100
92 48.9 38.6 57.8
108 69.9 56.4 84.6

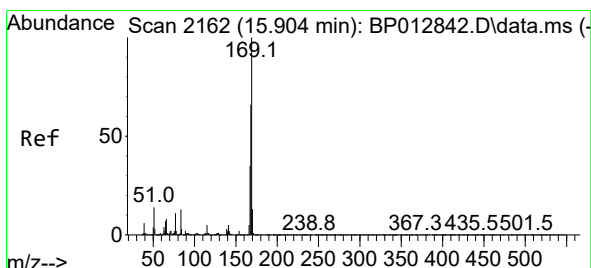
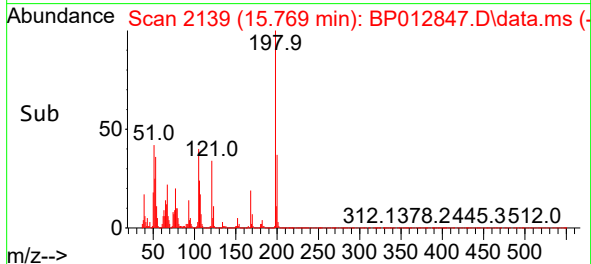
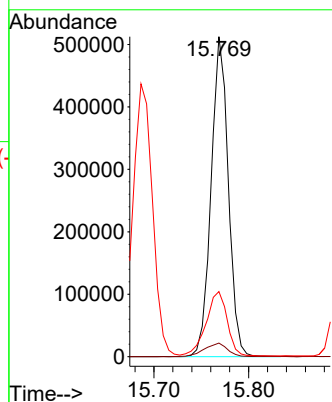
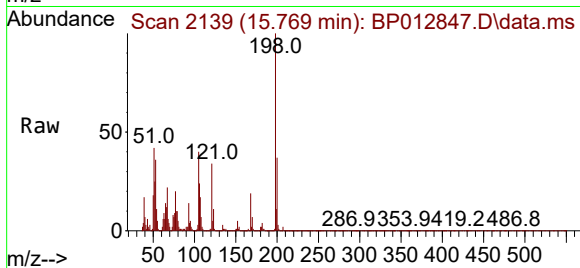




#66
4,6-Dinitro-2-methylphenol
Concen: 32.326 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

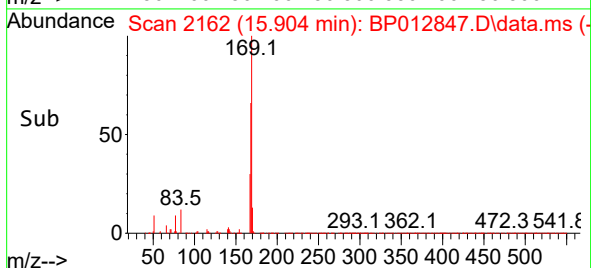
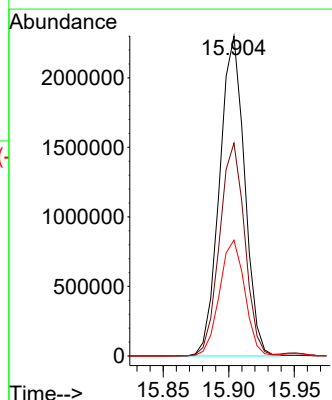
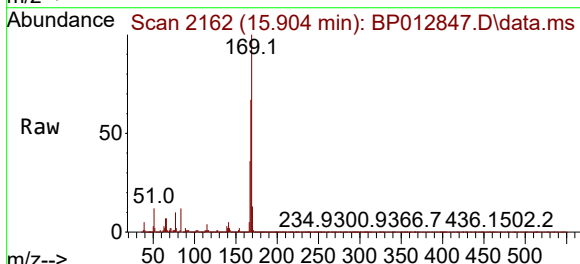
Instrument :
BNA_P
ClientSampleId :

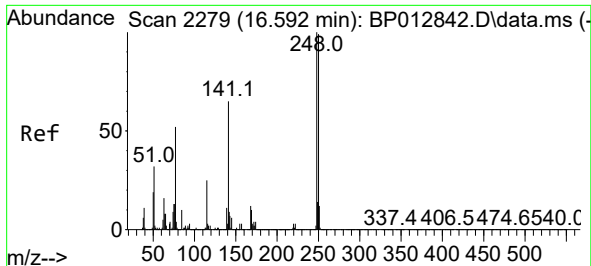
Tgt Ion:198 Resp: 647344
Ion Ratio Lower Upper
198 100
182 4.2 4.1 6.1
77 20.3 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 27.503 ng/ul
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:169 Resp: 3051030
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.2 29.6 44.4

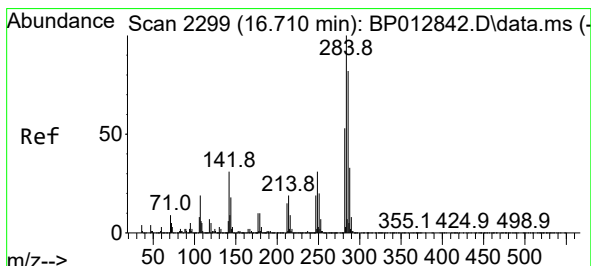
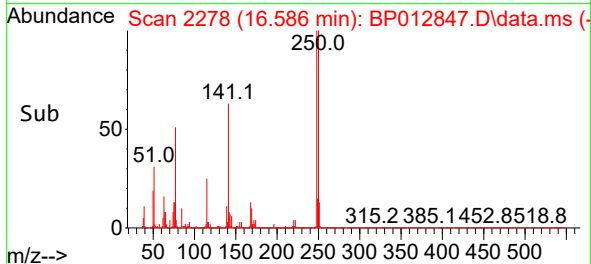
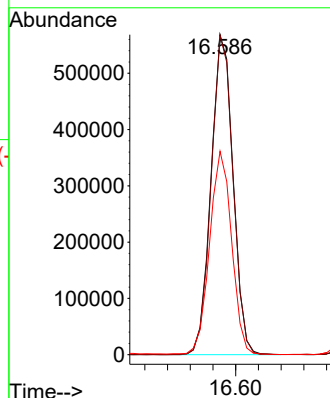
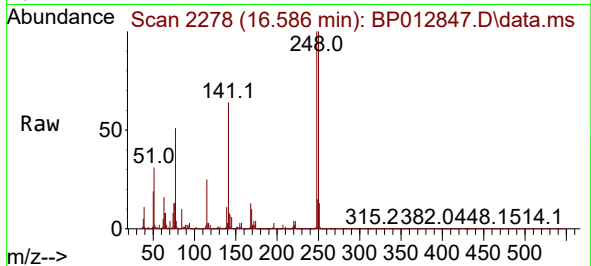




#68
4-Bromophenyl-phenylether
Concen: 19.938 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

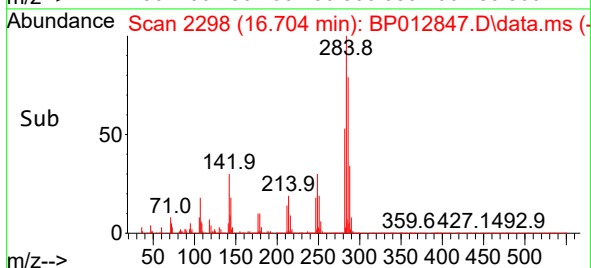
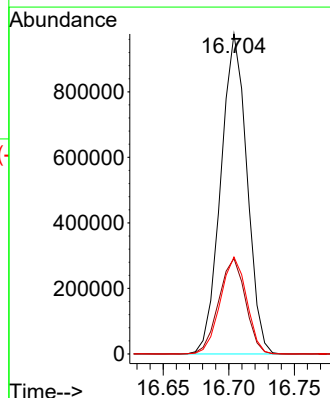
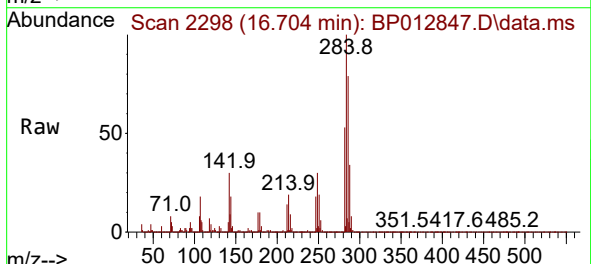
Instrument :
BNA_P
ClientSampleId :

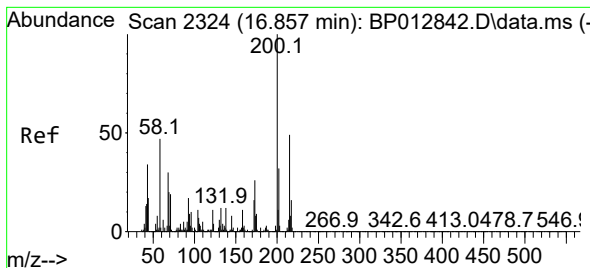
Tgt Ion:248 Resp: 765988
Ion Ratio Lower Upper
248 100
250 99.8 78.6 118.0
141 63.6 48.7 73.1



#69
Hexachlorobenzene
Concen: 27.666 ng/ul
RT: 16.704 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:284 Resp: 1354705
Ion Ratio Lower Upper
284 100
142 29.9 25.0 37.6
249 30.3 24.6 36.8





#70

Atrazine

Concen: 28.142 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

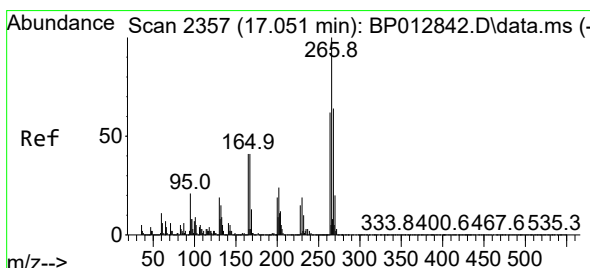
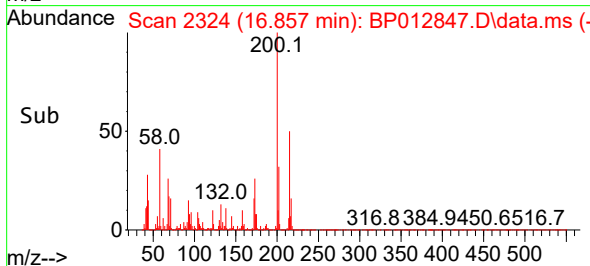
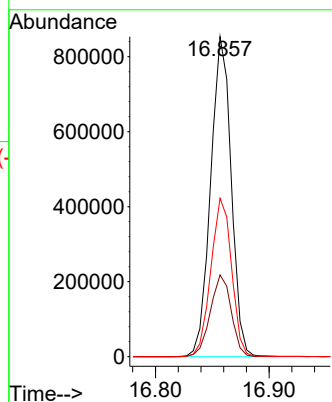
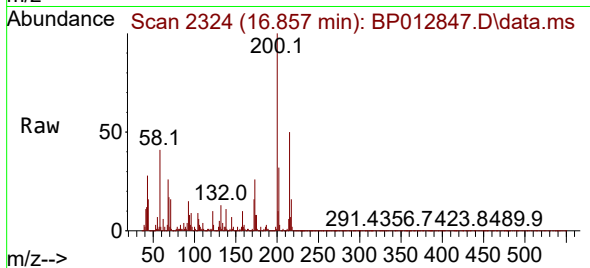
Tgt Ion:200 Resp: 1071117

Ion Ratio Lower Upper

200 100

173 25.5 20.3 30.5

215 49.5 40.1 60.1



#71

Pentachlorophenol

Concen: 24.952 ng/ul

RT: 17.045 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

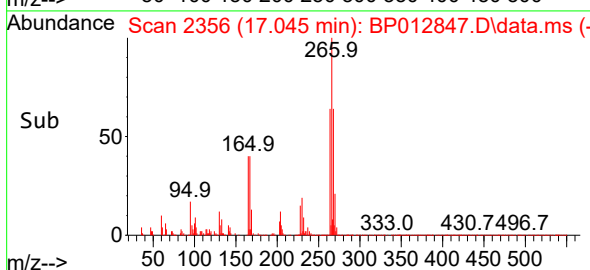
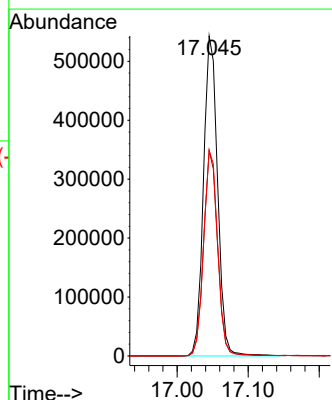
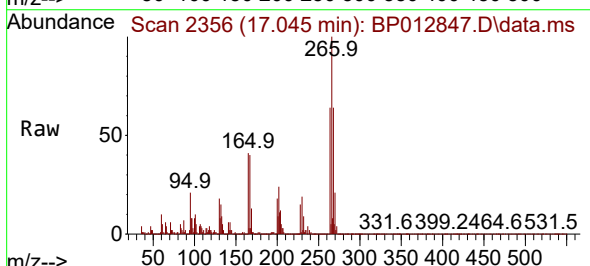
Tgt Ion:266 Resp: 750293

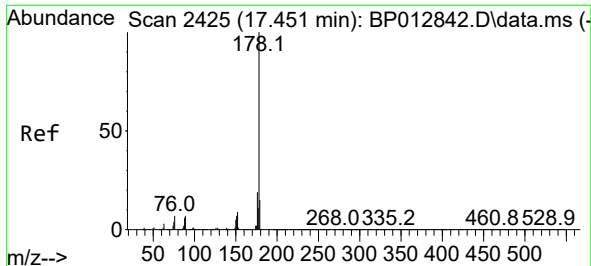
Ion Ratio Lower Upper

266 100

264 64.2 50.7 76.1

268 64.3 51.8 77.8

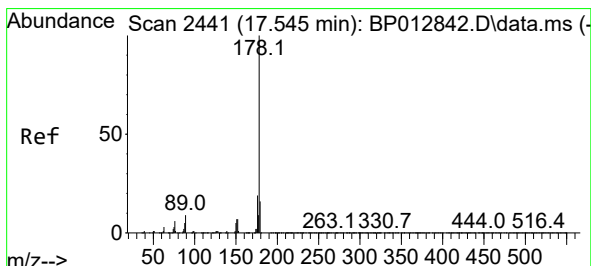
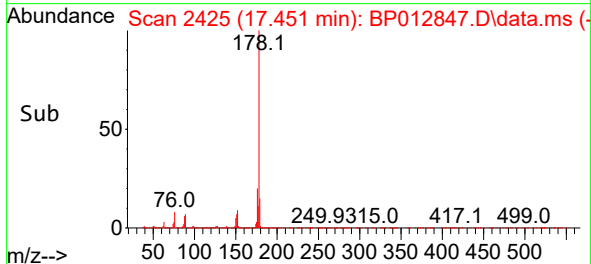
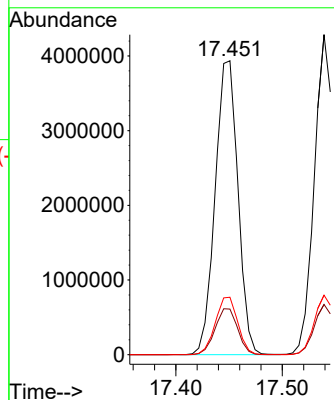
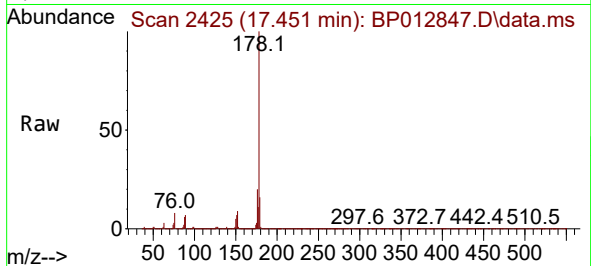




#72
Phenanthrene
Concen: 28.123 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

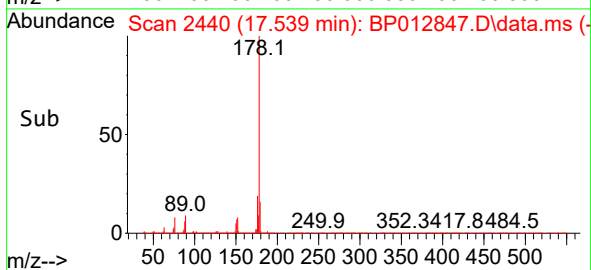
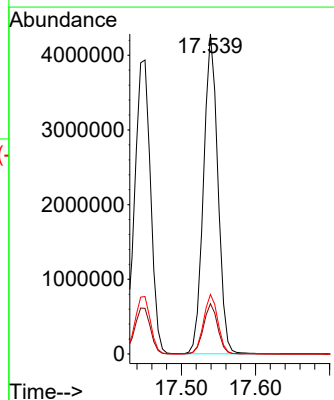
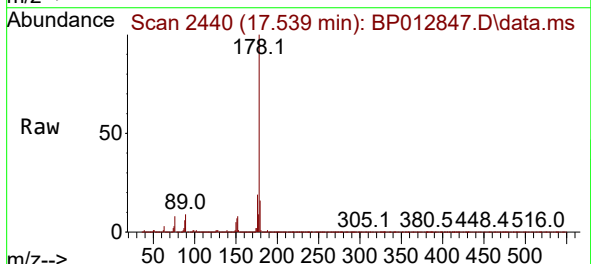
Instrument :
BNA_P
ClientSampleId :

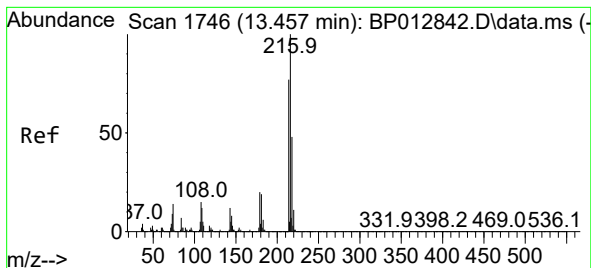
Tgt Ion:178 Resp: 5850544
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.5 15.4 23.0



#74
Anthracene
Concen: 27.954 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:178 Resp: 5753298
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.6 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.811 ng/uL

RT: 13.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

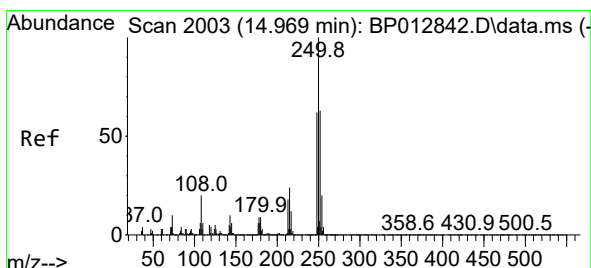
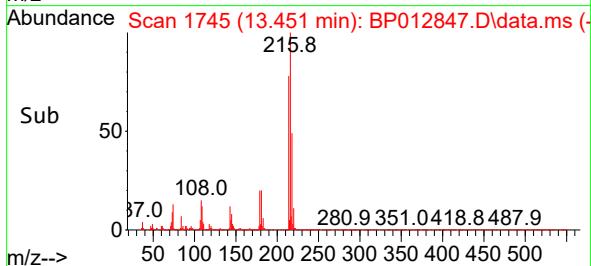
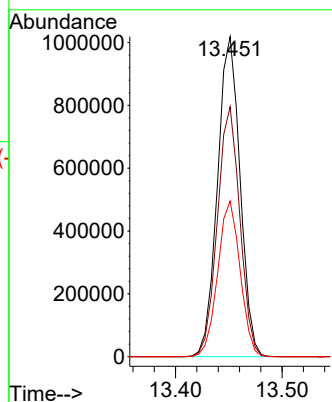
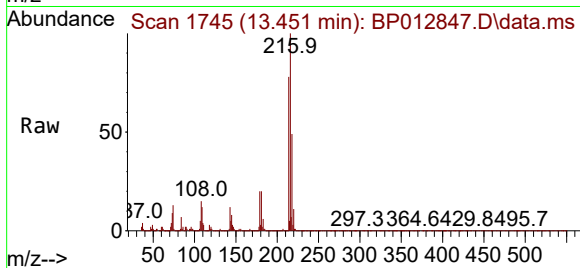
Tgt Ion:216 Resp: 1497225

Ion Ratio Lower Upper

216 100

214 78.1 62.3 93.5

218 48.7 39.1 58.7



#76

Pentachlorobenzene

Concen: 23.496 ng/uL

RT: 14.963 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

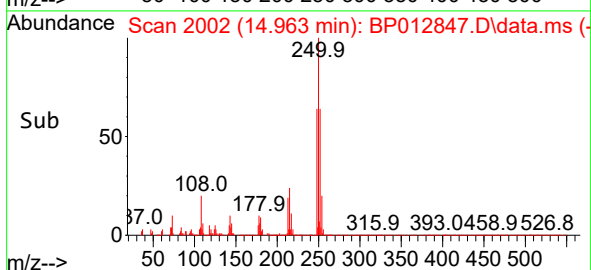
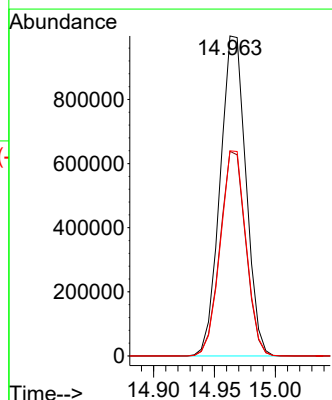
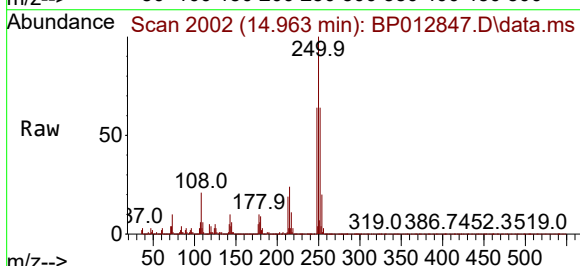
Tgt Ion:250 Resp: 1473918

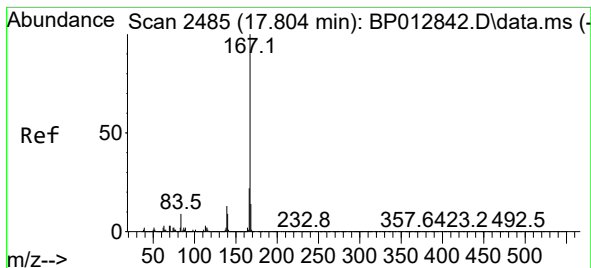
Ion Ratio Lower Upper

250 100

248 63.9 50.6 76.0

252 64.1 50.5 75.7





#77

Carbazole

Concen: 30.574 ng/ul

RT: 17.804 min Scan# 2485

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

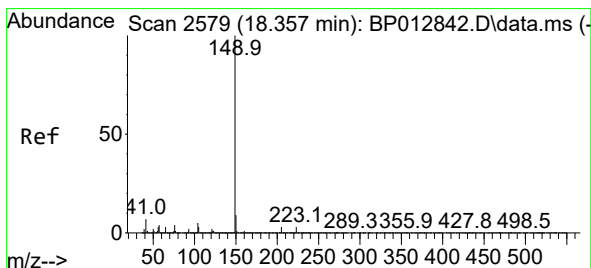
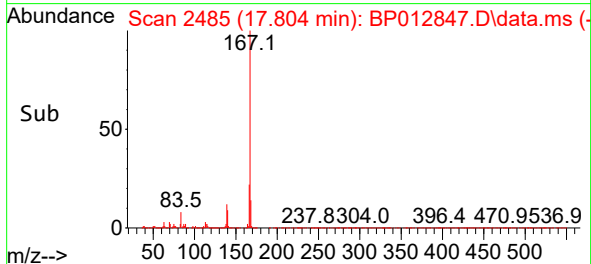
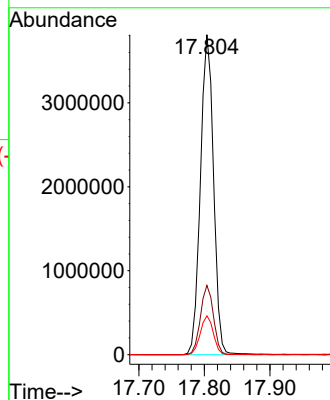
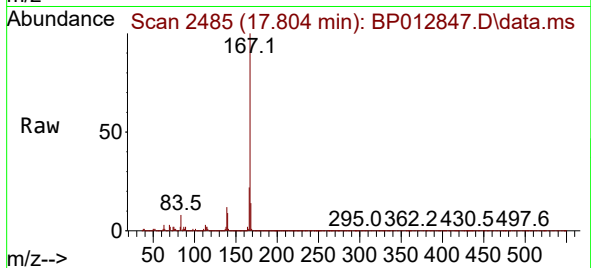
Tgt Ion:167 Resp: 5323158

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.2 9.8 14.8



#78

Di-n-butylphthalate

Concen: 30.536 ng/ul

RT: 18.351 min Scan# 2578

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

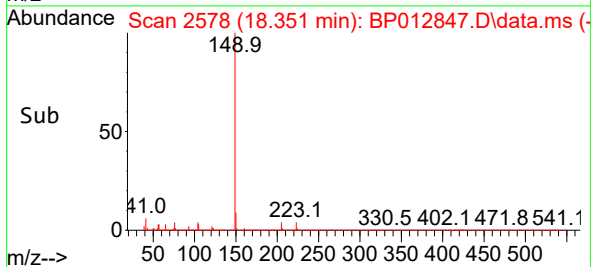
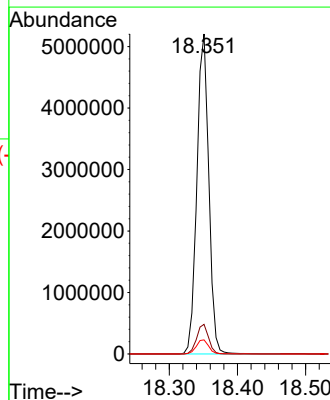
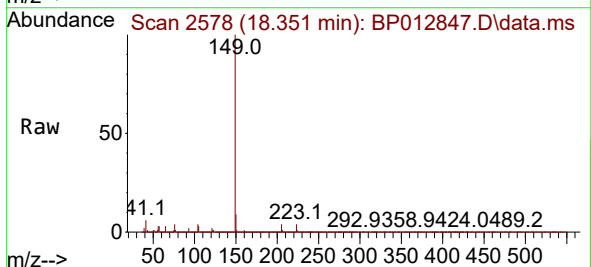
Tgt Ion:149 Resp: 6293838

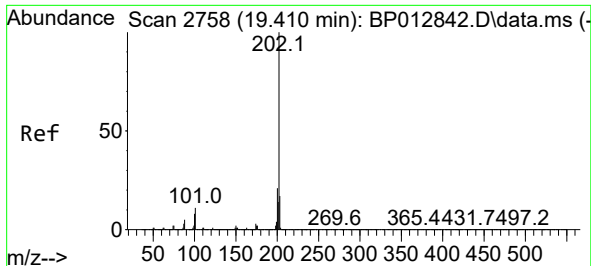
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

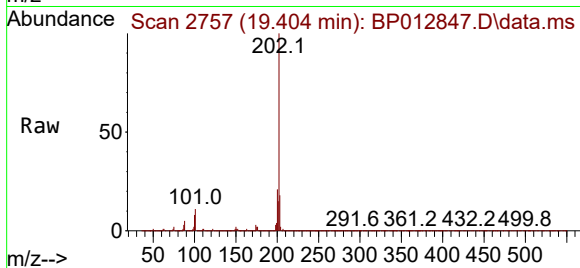
104 4.4 3.7 5.5



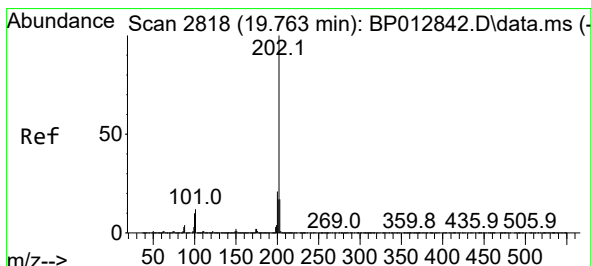
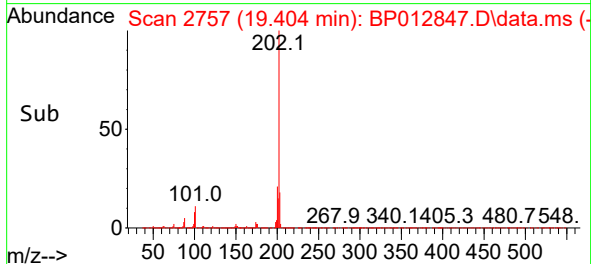
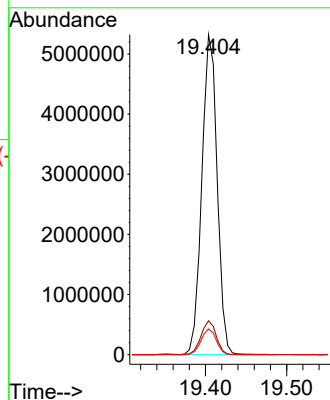


#80
Fluoranthene
Concen: 28.580 ng/ul
RT: 19.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Instrument :
BNA_P
ClientSampleId :

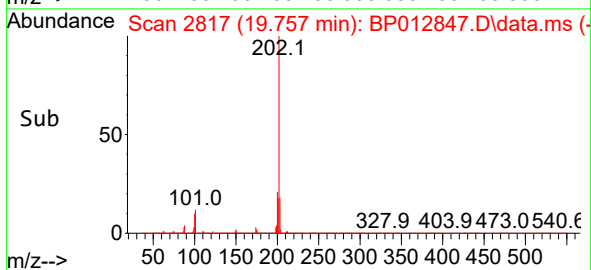
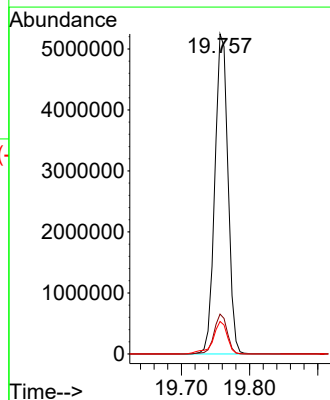
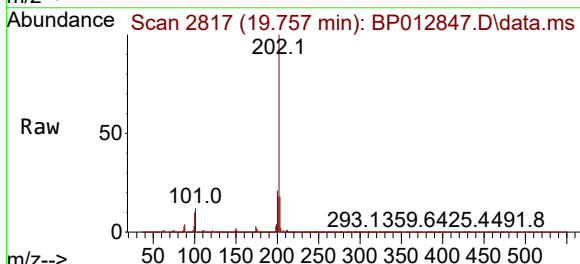


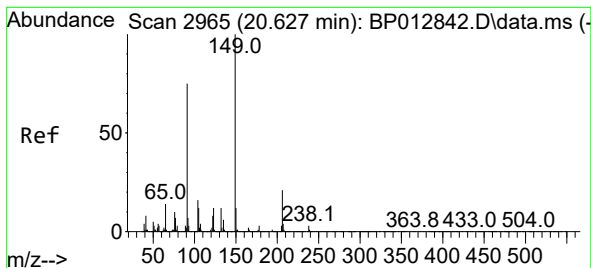
Tgt Ion:202 Resp: 6950356
Ion Ratio Lower Upper
202 100
101 10.6 8.7 13.1
100 8.1 6.9 10.3



#82
Pyrene
Concen: 27.935 ng/ul
RT: 19.757 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:202 Resp: 7026243
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 10.2 8.6 13.0





#83

Butylbenzylphthalate

Concen: 40.956 ng/ul

RT: 20.621 min Scan# 2965

Delta R.T. -0.012 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

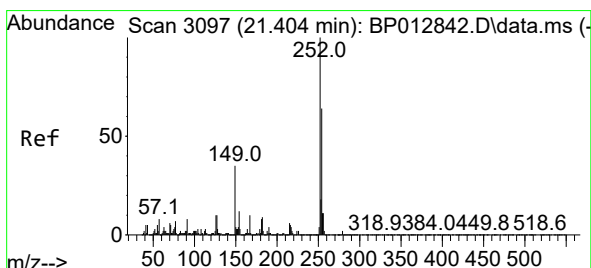
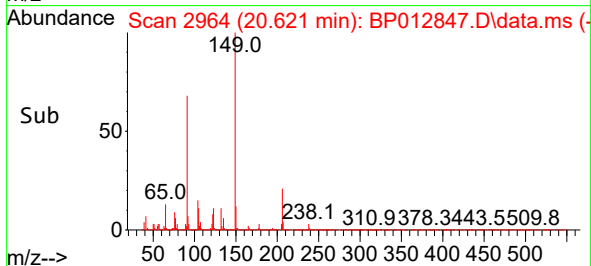
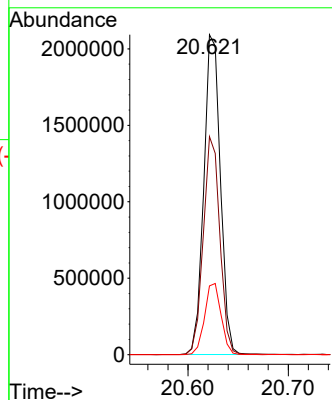
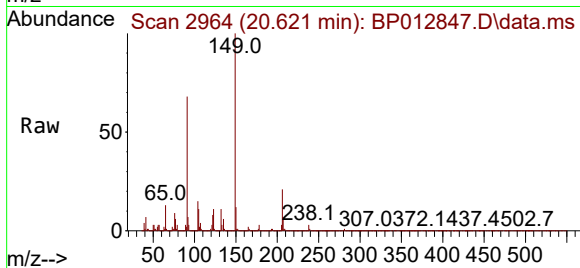
Tgt Ion:149 Resp: 2410596

Ion Ratio Lower Upper

149 100

91 68.2 58.2 87.2

206 21.5 16.5 24.7



#84

3,3'-Dichlorobenzidine

Concen: 25.858 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

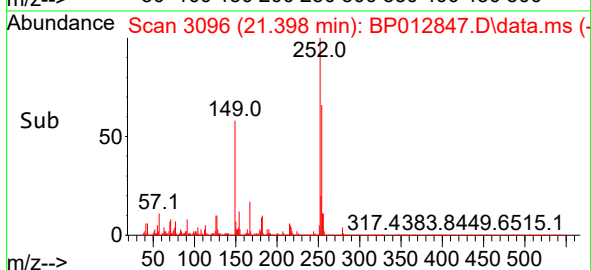
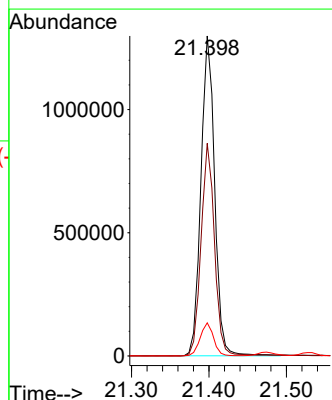
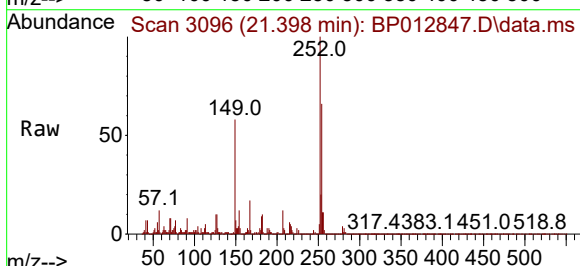
Tgt Ion:252 Resp: 1597778

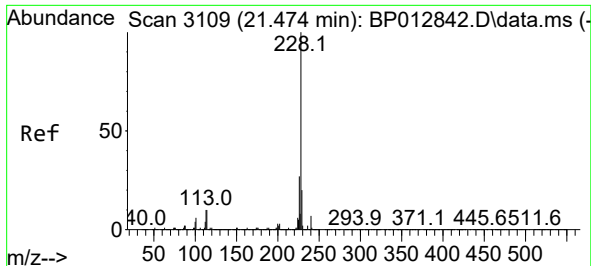
Ion Ratio Lower Upper

252 100

254 66.5 52.3 78.5

126 10.4 7.6 11.4

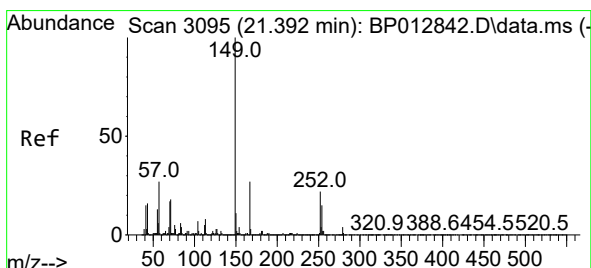
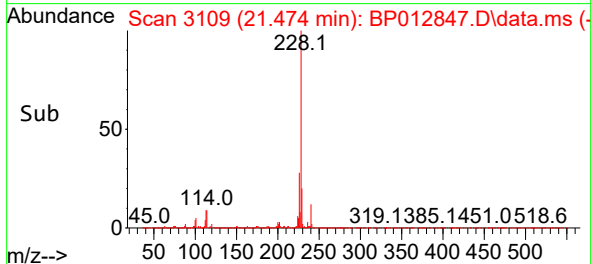
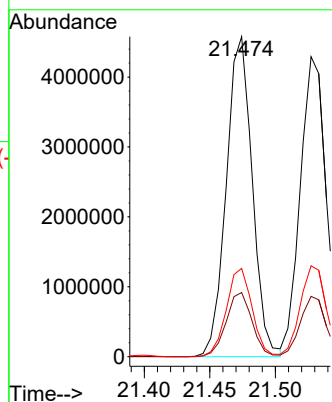
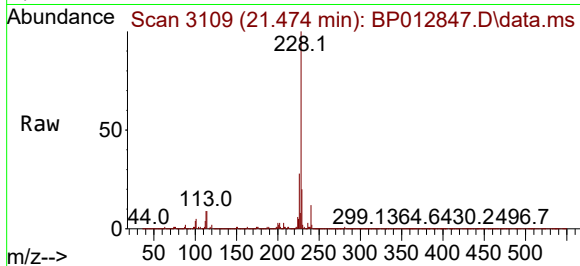




#85
Benzo(a)anthracene
Concen: 27.111 ng/ul
RT: 21.474 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

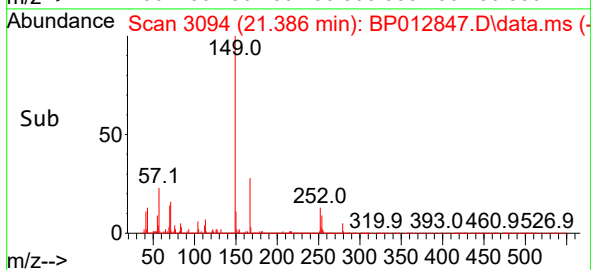
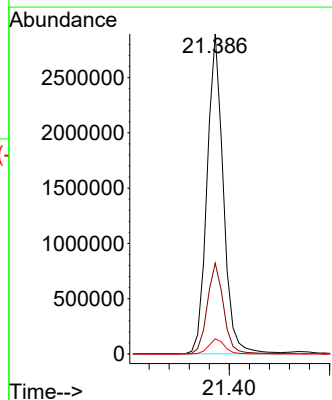
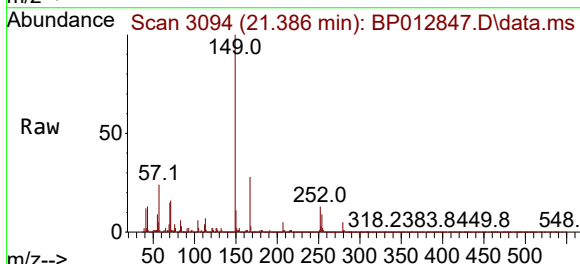
Instrument :
BNA_P
ClientSampleId :

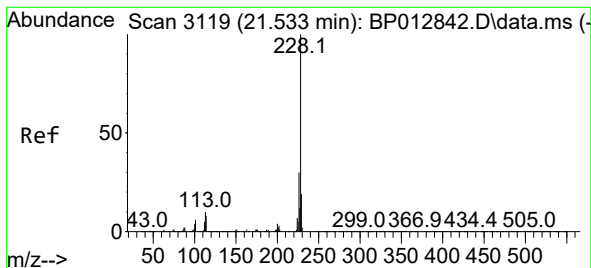
Tgt Ion:228 Resp: 6309503
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.6 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 36.267 ng/ul
RT: 21.386 min Scan# 3094
Delta R.T. -0.012 min
Lab File: BP012847.D
Acq: 29 Nov 2022 12:22

Tgt Ion:149 Resp: 3264500
Ion Ratio Lower Upper
149 100
167 28.4 22.7 34.1
279 4.8 3.8 5.6





#87

Chrysene

Concen: 26.016 ng/ul

RT: 21.527 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

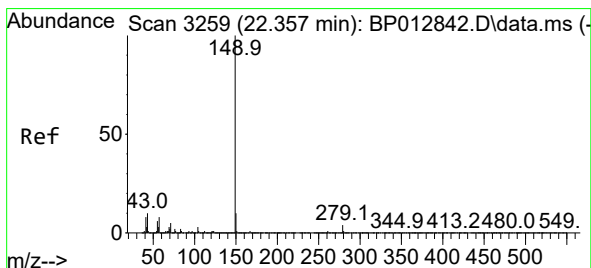
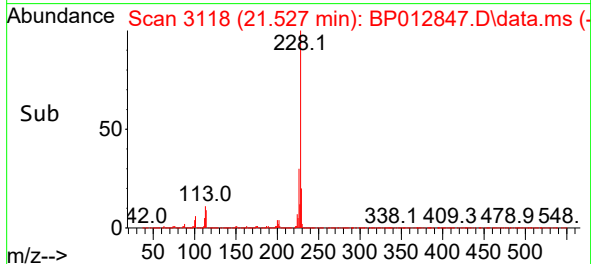
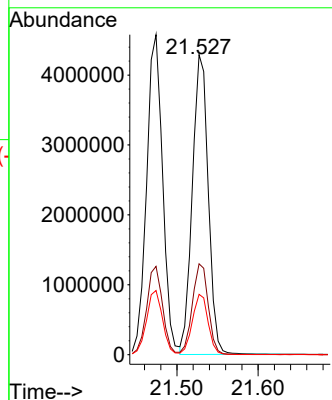
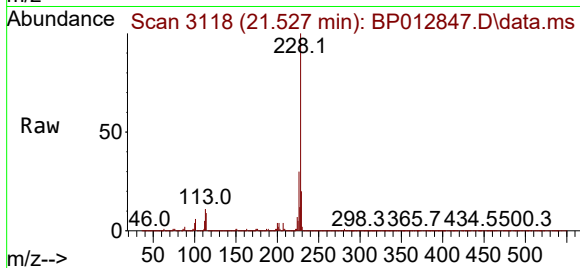
Tgt Ion:228 Resp: 5854034

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.1 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 30.299 ng/ul

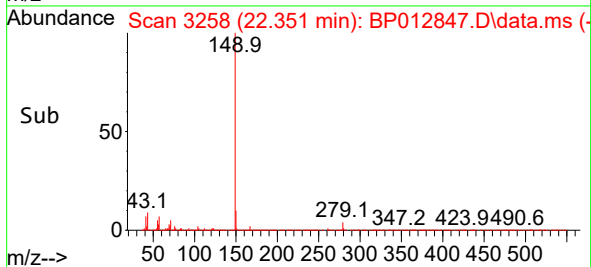
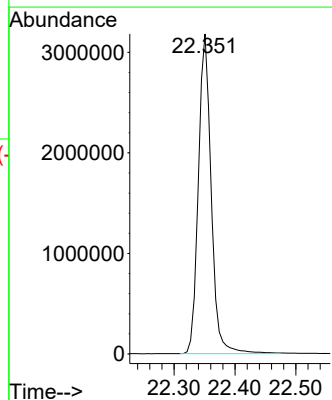
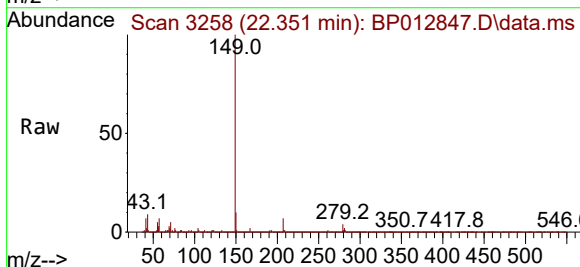
RT: 22.351 min Scan# 3258

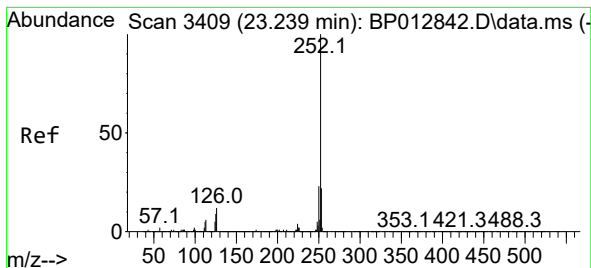
Delta R.T. -0.012 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Tgt Ion:149 Resp: 4662930





#90

Benzo(b)fluoranthene

Concen: 27.492 ng/ul

RT: 23.227 min Scan# 3409

Delta R.T. -0.012 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

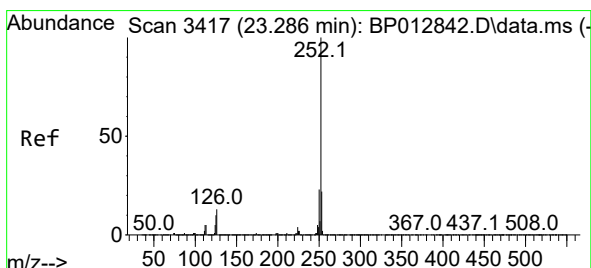
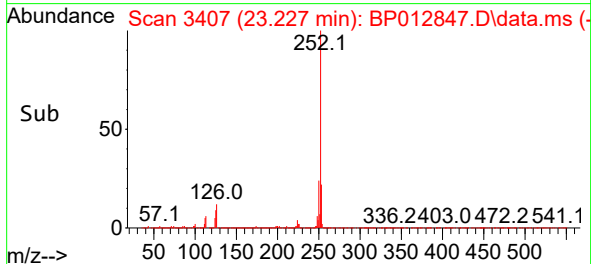
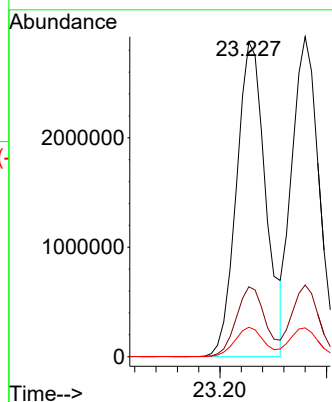
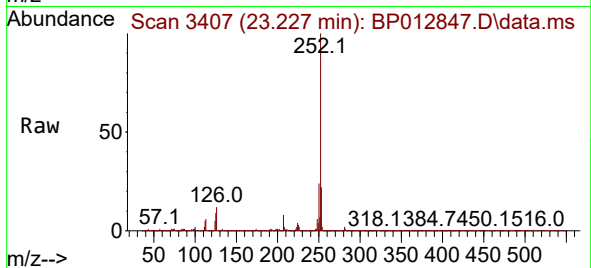
Tgt Ion:252 Resp: 5486405

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.4 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 25.786 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

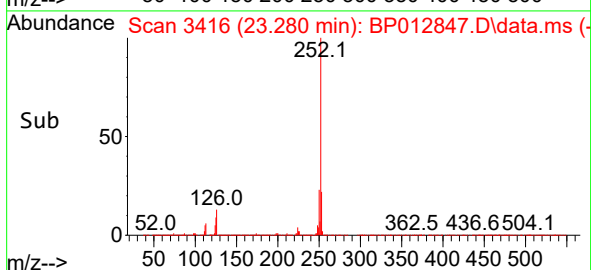
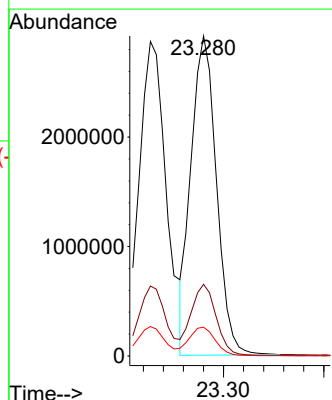
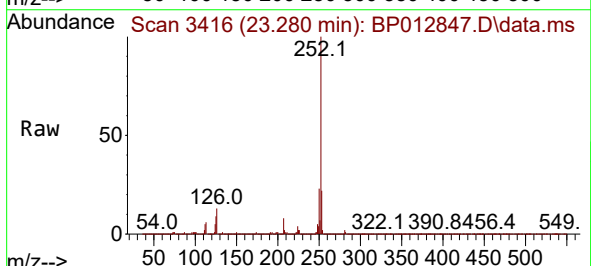
Tgt Ion:252 Resp: 5136708

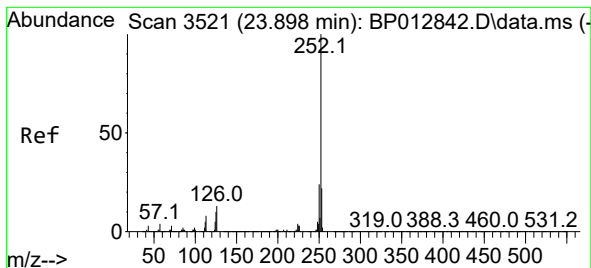
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.0 7.8 11.8





#93

Benzo(a)pyrene

Concen: 27.578 ng/ul

RT: 23.892 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

Instrument :

BNA_P

ClientSampleId :

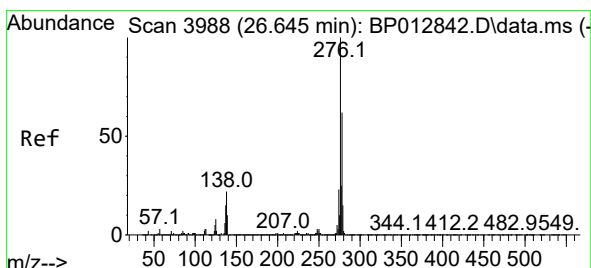
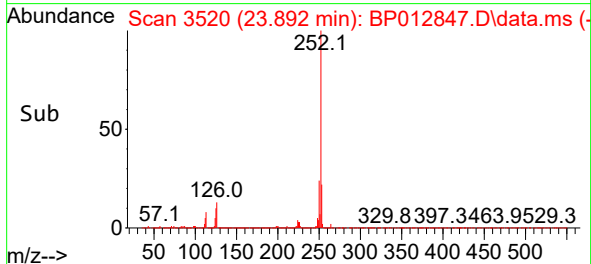
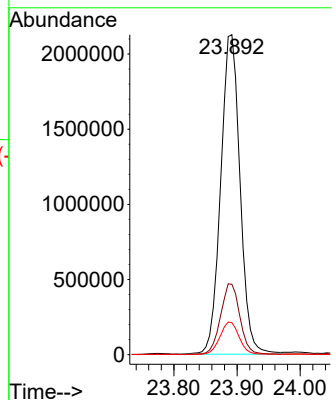
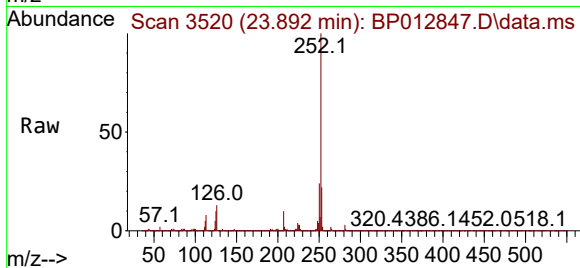
Tgt Ion:252 Resp: 4525660

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.0 8.5 12.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.069 ng/ul

RT: 26.633 min Scan# 3986

Delta R.T. -0.018 min

Lab File: BP012847.D

Acq: 29 Nov 2022 12:22

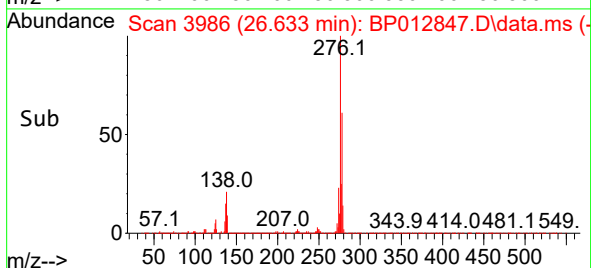
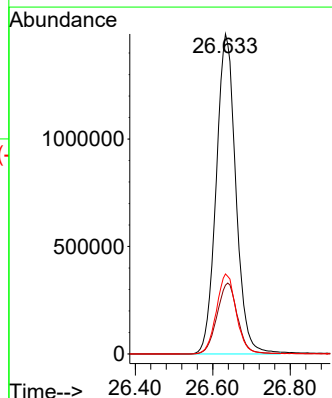
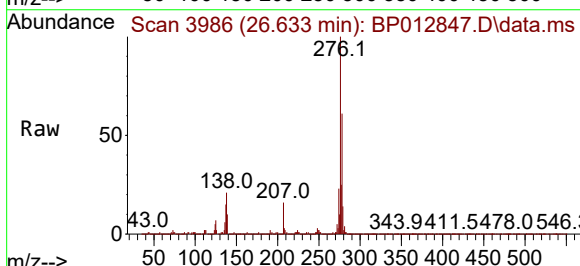
Tgt Ion:276 Resp: 5235566

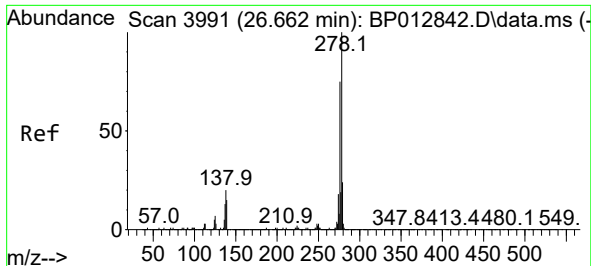
Ion Ratio Lower Upper

276 100

138 21.5 18.3 27.5

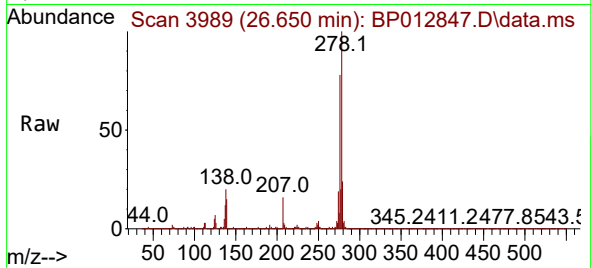
277 25.0 19.8 29.8



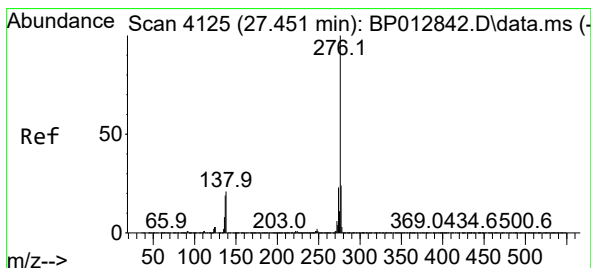
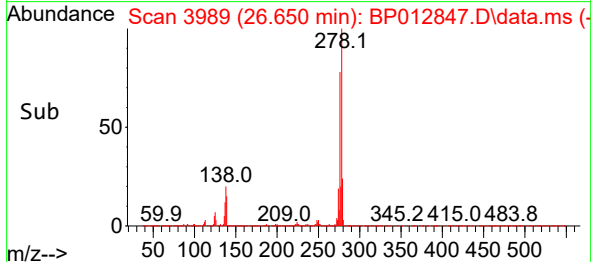
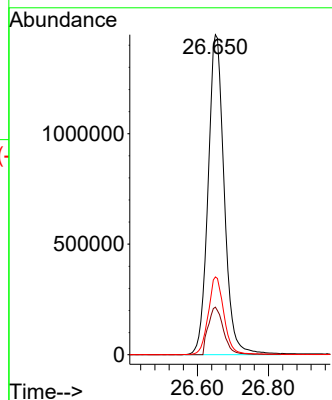


#95
 Dibenzo(a,h)anthracene
 Concen: 31.875 ng/ul
 RT: 26.650 min Scan# 3989
 Delta R.T. -0.024 min
 Lab File: BP012847.D
 Acq: 29 Nov 2022 12:22

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 4579122
 Ion Ratio Lower Upper
 278 100
 139 14.8 12.6 18.8
 279 24.3 19.4 29.2



#96
 Benzo(g,h,i)perylene
 Concen: 31.842 ng/ul
 RT: 27.444 min Scan# 4124
 Delta R.T. -0.012 min
 Lab File: BP012847.D
 Acq: 29 Nov 2022 12:22

Tgt Ion:276 Resp: 4336188
 Ion Ratio Lower Upper
 276 100
 138 20.0 16.7 25.1
 277 23.5 19.1 28.7

