

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012148.D
 Acq On : 14 Oct 2022 21:36
 Operator : CG/JU
 Sample : PB148313BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 23:07:02 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	7.840	152	265937	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	1076776	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.493	164	597869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1234584	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1358577	20.000	ng/ul	0.00
88) Perylene-d12	23.763	264	1439139	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	22494	3.335	ng/uL	0.00
4) Pyridine-d5	3.693	84	333831	18.610	ng/ul	0.00
7) Phenol-d5	7.011	99	634461	29.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	356649	29.377	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	504940	29.742	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	468844	28.539	ng/ul	0.00
21) Nitrobenzene-d5	9.011	128	236550	31.106	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.734	143	243261	31.547	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.269	165	440872	29.501	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	564830	25.648	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	1131092	29.872	ng/ul	-0.01
49) Acenaphthylene-d8	14.187	160	1408333	30.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	253750	34.136	ng/ul	0.00
60) Fluorene-d10	15.487	176	1014883	29.625	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	192616	29.547	ng/ul	0.00
73) Anthracene-d10	17.351	188	1629760	30.400	ng/ul	0.00
81) Pyrene-d10	19.592	212	1979076	28.435	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	2132627	30.484	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	43947	6.192	ng/uL	91
5) Pyridine	3.711	79	332510	19.346	ng/ul	93
6) Benzaldehyde	6.987	77	377090	37.578	ng/ul	96
8) Phenol	7.040	94	618552	27.548	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.269	93	480207	27.106	ng/ul	98
12) 2-Chlorophenol	7.405	128	504923	27.404	ng/ul	99
13) 2-Methylphenol	8.293	108	450482	26.899	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	505967	27.864	ng/ul	99
16) Acetophenone	8.675	105	690128	27.248	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.658	70	312272	27.070	ng/ul	98
18) 4-Methylphenol	8.622	108	489387	27.112	ng/ul	97
19) Hexachloroethane	8.916	117	199276	28.018	ng/ul	93
22) Nitrobenzene	9.052	77	511809	29.359	ng/ul	100
23) Isophorone	9.581	82	891582	28.833	ng/ul	99
25) 2-Nitrophenol	9.763	139	264359	29.180	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	468963	26.580	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	584129	27.528	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	427613	27.228	ng/ul	99
30) Naphthalene	10.699	128	1521975	26.748	ng/ul	100
32) 4-Chloroaniline	10.816	127	606388	26.707	ng/ul	100
33) Hexachlorobutadiene	10.975	225	246216	25.282	ng/ul	99
34) Caprolactam	11.610	113	89861	20.822	ng/ul	92
35) 4-Chloro-3-methylphenol	11.946	107	424175	28.509	ng/ul	98
36) 2-Methylnaphthalene	12.310	142	963740	26.303	ng/ul	99

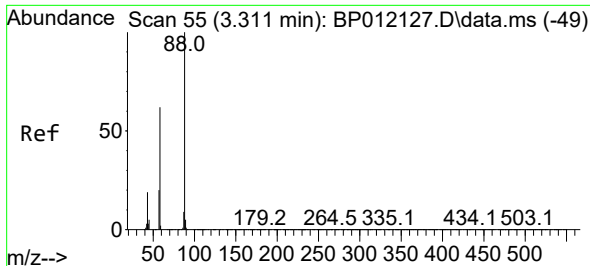
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	962829	26.240	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	473760	25.923	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	181405	20.435	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	307311	27.915	ng/ul	98
42) 2,4,5-Trichlorophenol	12.993	196	337244	28.187	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	1220622	27.044	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	972504	26.982	ng/ul	98
45) 2-Nitroaniline	13.581	65	241918	31.464	ng/ul	97
47) Dimethylphthalate	13.951	163	1127543	28.264	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	215714	30.542	ng/ul	95
50) Acenaphthylene	14.216	152	1497242	28.261	ng/ul	100
51) 3-Nitroaniline	14.410	138	266649	32.422	ng/ul	100
52) Acenaphthene	14.557	153	1026952	27.229	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	117422	25.734	ng/ul	97
55) 4-Nitrophenol	14.716	109	167125	32.520	ng/ul	96
56) Dibenzofuran	14.893	168	1391781	27.305	ng/ul	98
57) 2,4-Dinitrotoluene	14.869	165	335292	33.031	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.122	232	276652	29.666	ng/ul	99
59) Diethylphthalate	15.322	149	1082640	29.633	ng/ul	100
61) Fluorene	15.545	166	1138721	28.460	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.540	204	520180	26.875	ng/ul	99
63) 4-Nitroaniline	15.575	138	287046	38.224	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.628	198	195569	27.750	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	953022	26.080	ng/ul	100
68) 4-Bromophenyl-phenylether	16.440	248	305682	25.445	ng/ul	99
69) Hexachlorobenzene	16.551	284	357269	25.622	ng/ul	99
70) Atrazine	16.716	200	285641	25.419	ng/ul	98
71) Pentachlorophenol	16.904	266	230706	28.240	ng/ul	99
72) Phenanthrene	17.292	178	1874301	27.916	ng/ul	99
74) Anthracene	17.387	178	1889071	28.432	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.287	216	486927	24.408	ng/ul	99
76) Pentachlorobenzene	14.810	250	430037	21.949	ng/ul	99
77) Carbazole	17.663	167	1804119	30.445	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1785616	30.364	ng/ul	99
80) Fluoranthene	19.263	202	2282280	26.761	ng/ul	97
82) Pyrene	19.616	202	2445785	27.099	ng/ul	96
83) Butylbenzylphthalate	20.492	149	894365	31.260	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.263	252	832573	27.810	ng/ul#	99
85) Benzo(a)anthracene	21.328	228	2467624	28.856	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	1245542	32.293	ng/ul	99
87) Chrysene	21.380	228	2331117	28.320	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	2215423	30.748	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	2572658	28.241	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	2572658	28.711	ng/ul	98
93) Benzo(a)pyrene	23.657	252	2333045	28.707	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.274	276	3027072	29.457	ng/ul	96
95) Dibenzo(a,h)anthracene	26.292	278	2597478	28.175	ng/ul#	96
96) Benzo(g,h,i)perylene	27.051	276	2525640	27.259	ng/ul#	95

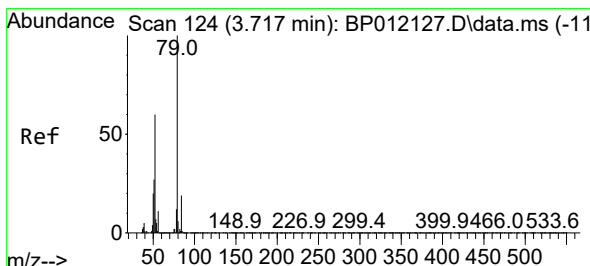
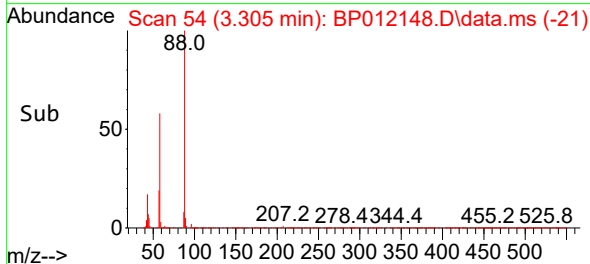
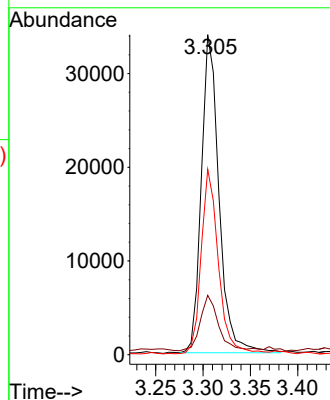
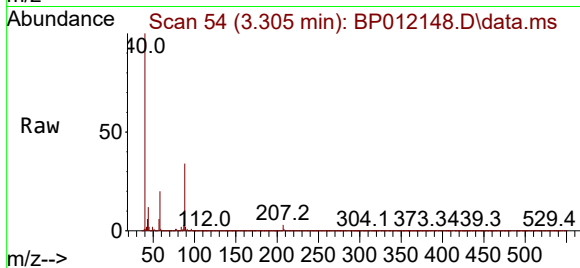
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 6.192 ng/uL
RT: 3.305 min Scan# 54
Delta R.T. -0.006 min
Lab File: BP012148.D
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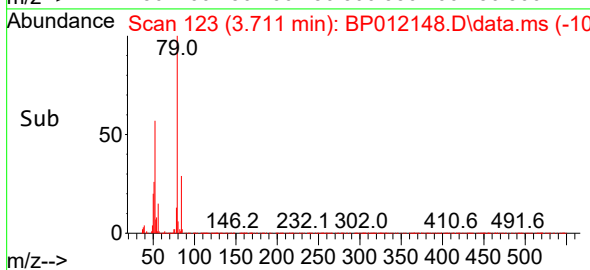
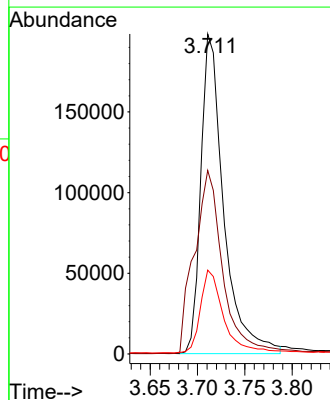
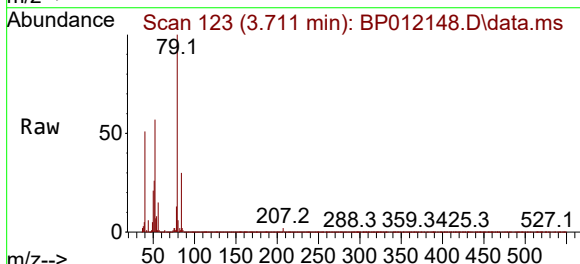
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BNA_P
ClientSampleId :

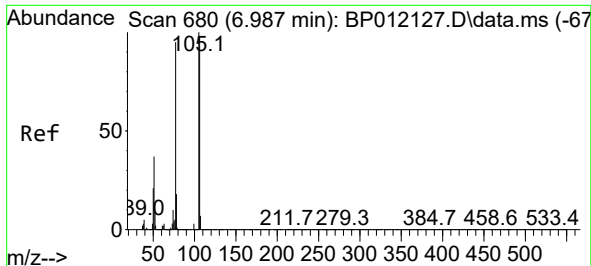
Tgt Ion: 88 Resp: 43947
Ion Ratio Lower Upper
88 100
43 18.5 16.6 25.0
58 57.9 52.6 79.0



#5
Pyridine
Concen: 19.346 ng/uL
RT: 3.711 min Scan# 123
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion: 79 Resp: 332510
Ion Ratio Lower Upper
79 100
52 57.4 51.2 76.8
51 26.2 22.8 34.2

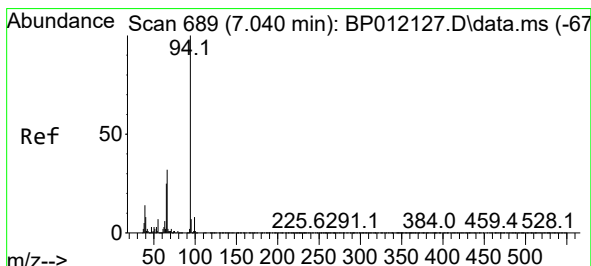
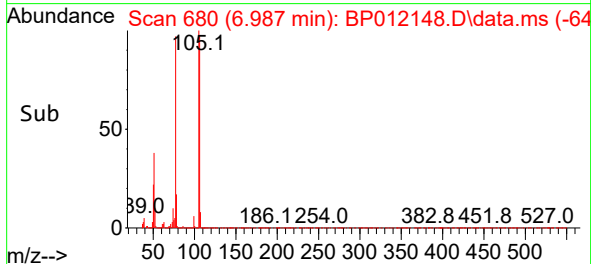
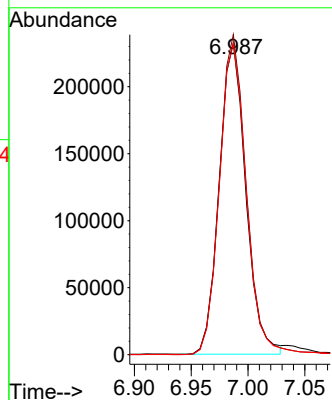
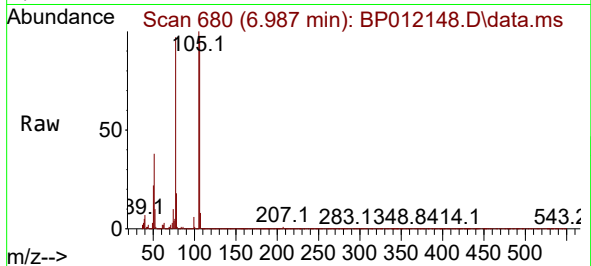




#6
Benzaldehyde
Concen: 37.578 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

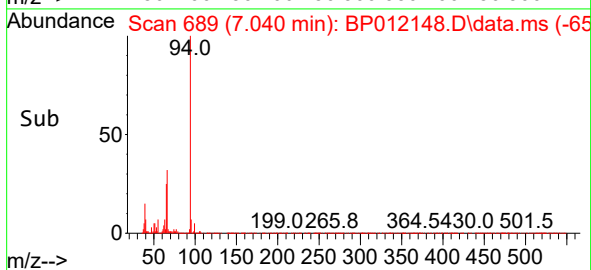
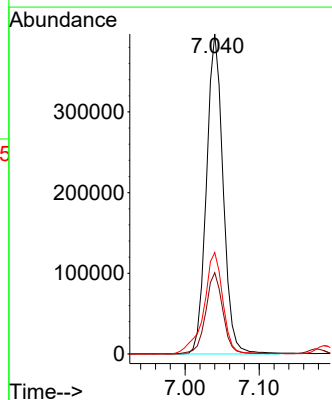
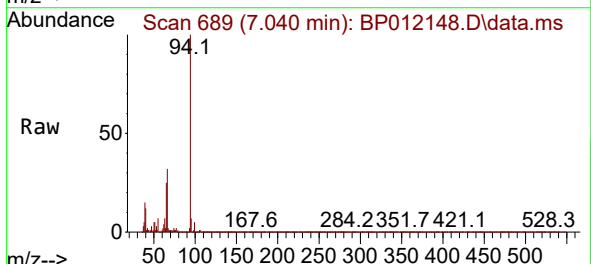
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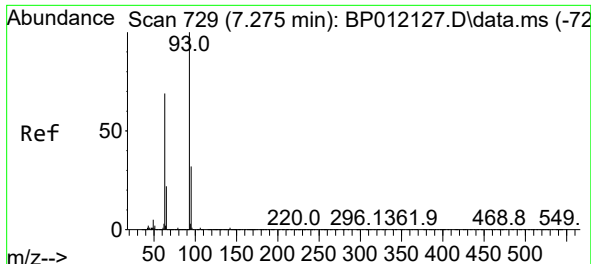
Tgt Ion: 77 Resp: 377090
Ion Ratio Lower Upper
77 100
105 102.6 85.2 127.8
106 99.7 83.1 124.7



#8
Phenol
Concen: 27.548 ng/ul
RT: 7.040 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

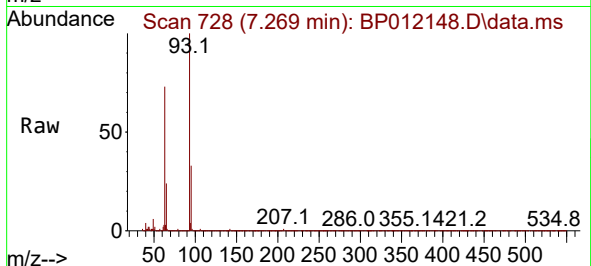
Tgt Ion: 94 Resp: 618552
Ion Ratio Lower Upper
94 100
65 25.4 19.4 29.0
66 31.7 24.6 37.0



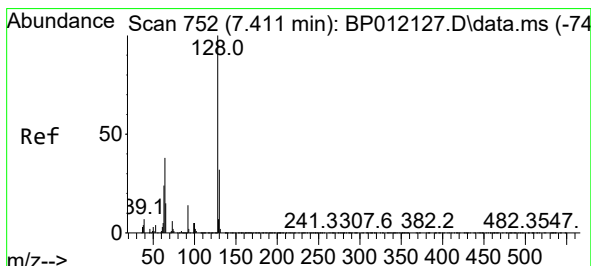
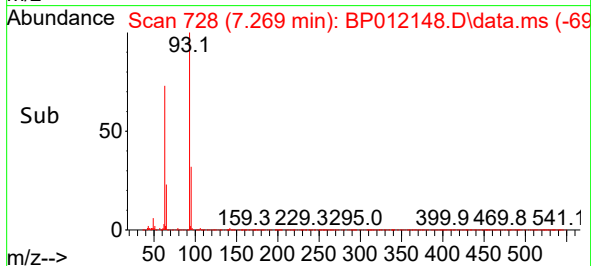
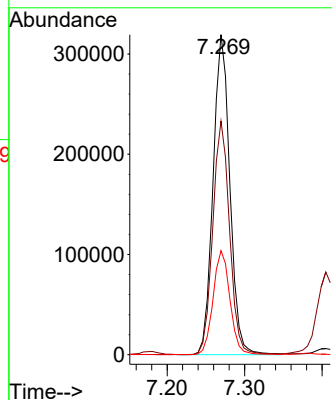


#10
 Bis(2-Chloroethyl)ether
 Concen: 27.106 ng/ul
 RT: 7.269 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP012148.D
 Acq: 14 Oct 2022 21:36

Instrument :
 BNA_P
 ClientSampleId :

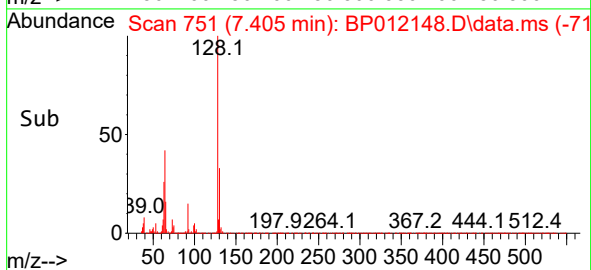
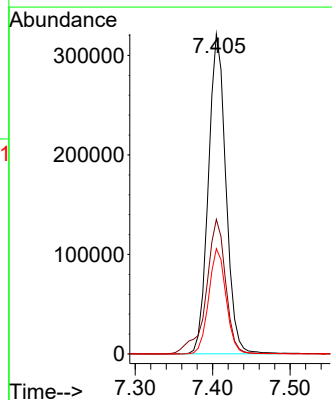
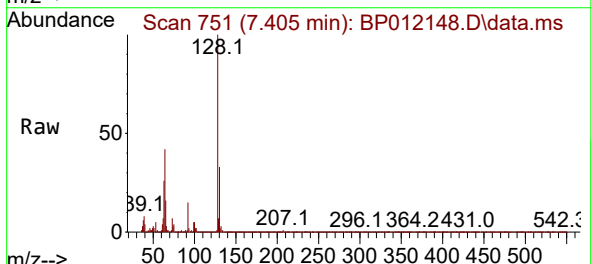


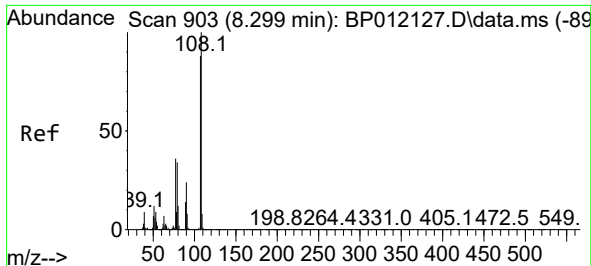
Tgt Ion: 93 Resp: 480207
 Ion Ratio Lower Upper
 93 100
 63 73.0 56.7 85.1
 95 32.5 26.2 39.2



#12
 2-Chlorophenol
 Concen: 27.404 ng/ul
 RT: 7.405 min Scan# 751
 Delta R.T. -0.012 min
 Lab File: BP012148.D
 Acq: 14 Oct 2022 21:36

Tgt Ion: 128 Resp: 504923
 Ion Ratio Lower Upper
 128 100
 64 42.0 32.7 49.1
 130 32.9 26.3 39.5





#13

2-Methylphenol

Concen: 26.899 ng/ul

RT: 8.293 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

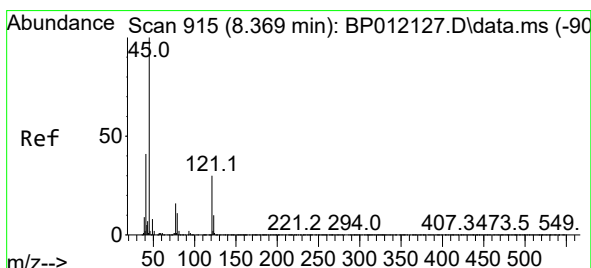
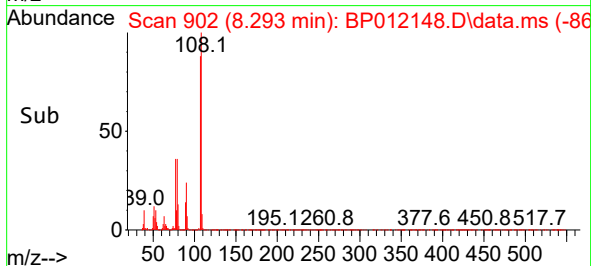
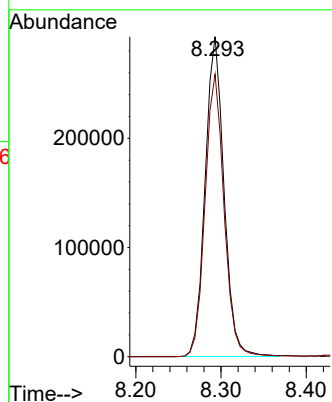
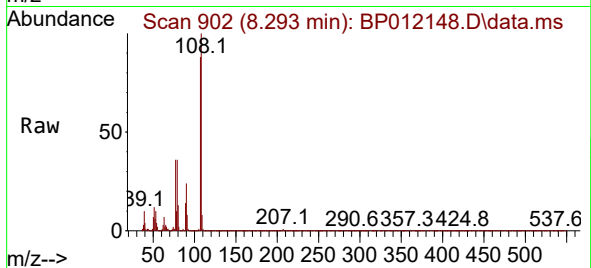
ClientSampleId :

Tgt Ion:108 Resp: 450482

Ion Ratio Lower Upper

108 100

107 88.2 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.864 ng/ul

RT: 8.375 min Scan# 916

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

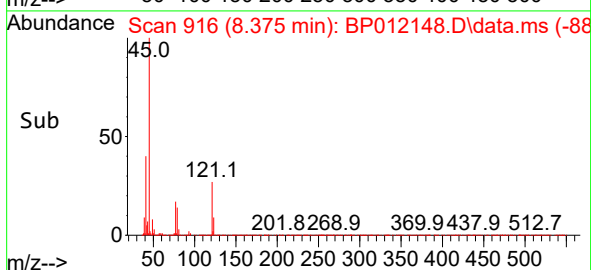
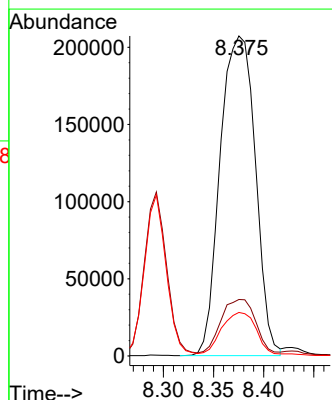
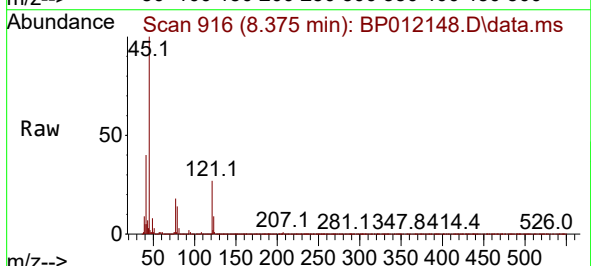
Tgt Ion: 45 Resp: 505967

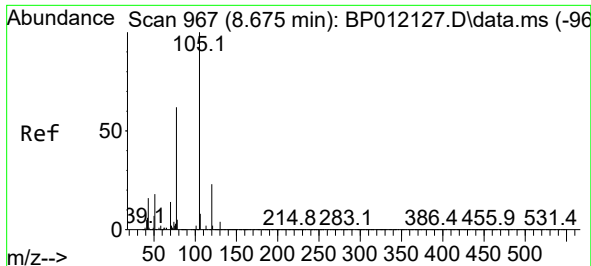
Ion Ratio Lower Upper

45 100

77 17.6 14.4 21.6

79 13.6 11.3 16.9

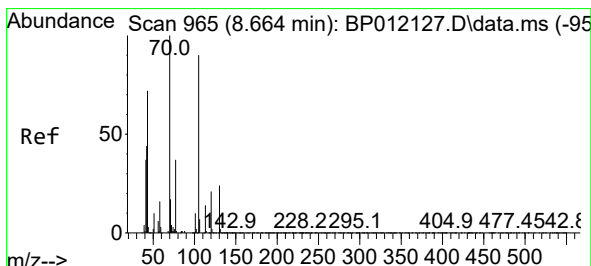
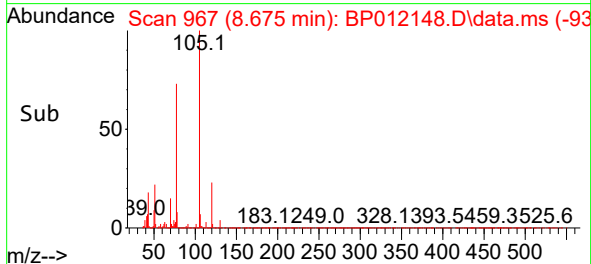
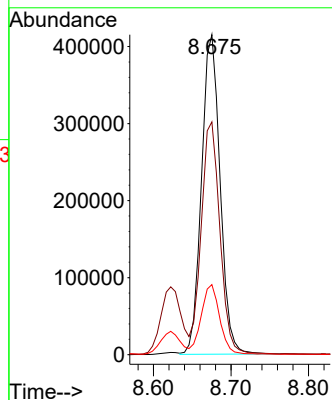
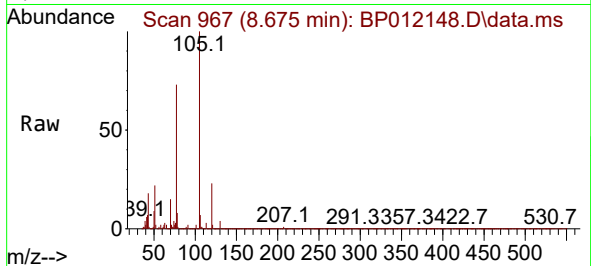




#16
Acetophenone
Concen: 27.248 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

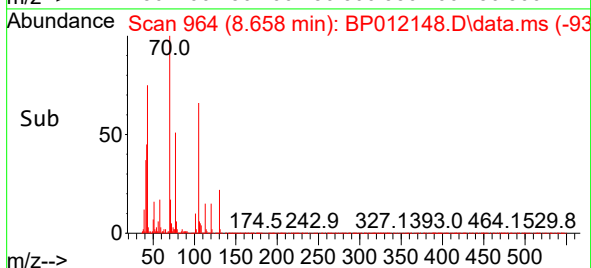
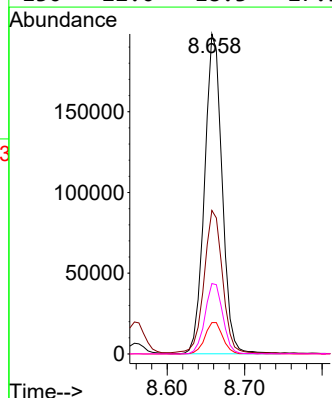
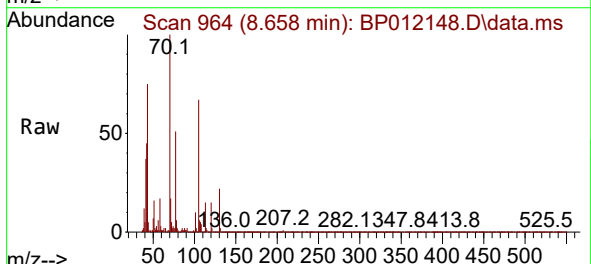
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ClientSampleId :

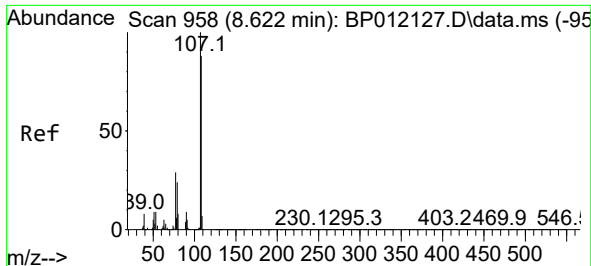
Tgt Ion:105 Resp: 690128
Ion Ratio Lower Upper
105 100
77 72.8 57.0 85.4
51 21.9 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.070 ng/ul
RT: 8.658 min Scan# 964
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion: 70 Resp: 312272
Ion Ratio Lower Upper
70 100
42 44.9 34.6 52.0
101 9.8 8.0 12.0
130 22.0 18.3 27.5





#18

4-Methylphenol

Concen: 27.112 ng/ul

RT: 8.622 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

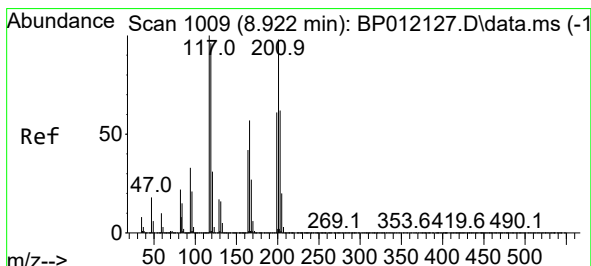
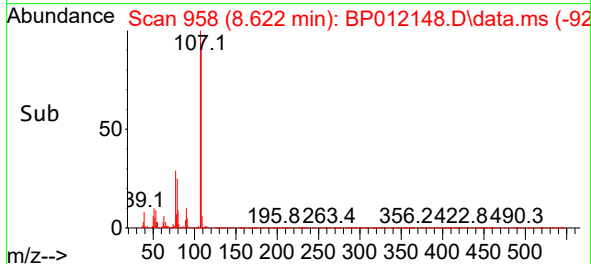
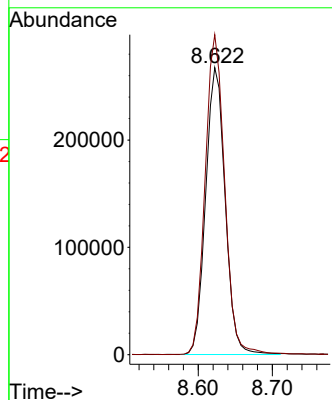
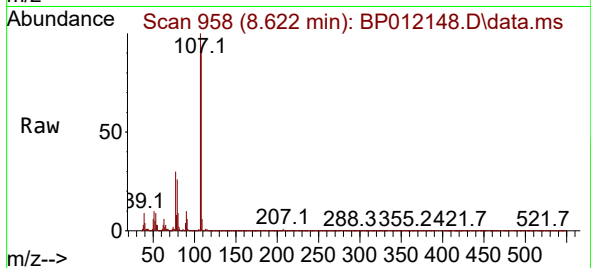
ClientSampleId :

Tgt Ion:108 Resp: 489387

Ion Ratio Lower Upper

108 100

107 111.5 86.3 129.5



#19

Hexachloroethane

Concen: 28.018 ng/ul

RT: 8.916 min Scan# 1008

Delta R.T. -0.018 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

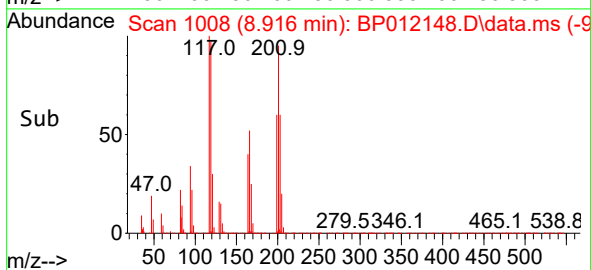
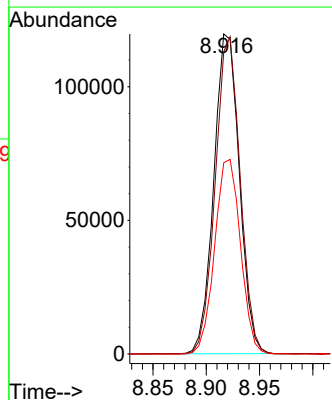
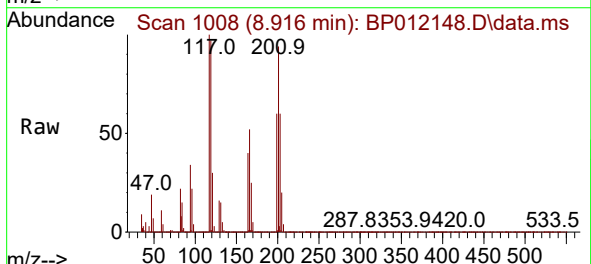
Tgt Ion:117 Resp: 199276

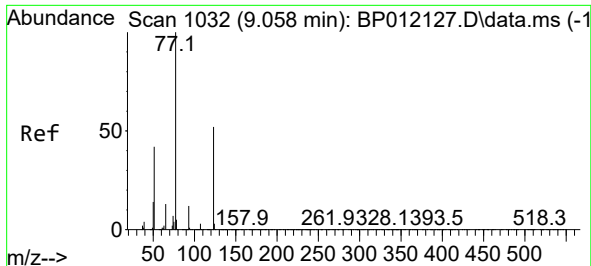
Ion Ratio Lower Upper

117 100

201 94.4 82.3 123.5

199 59.8 50.0 75.0

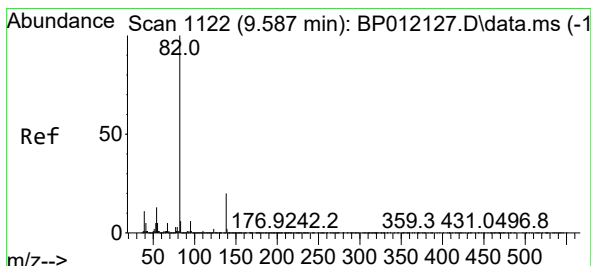
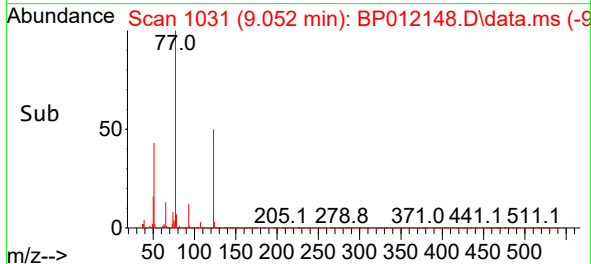
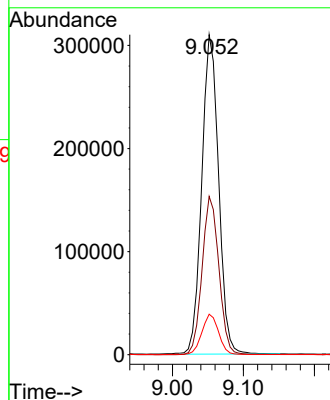
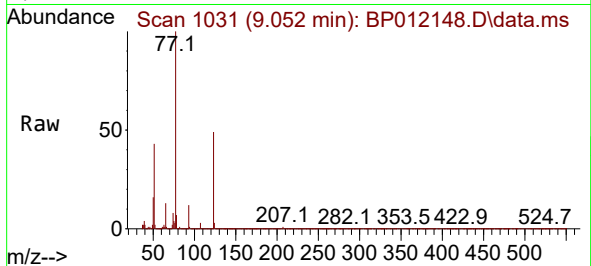




#22
Nitrobenzene
Concen: 29.359 ng/ul
RT: 9.052 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

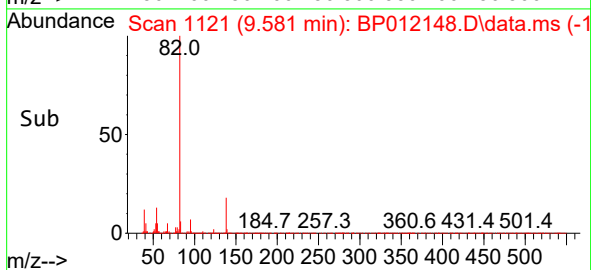
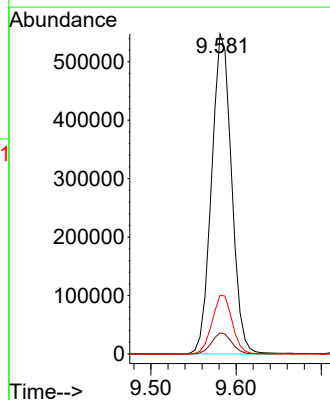
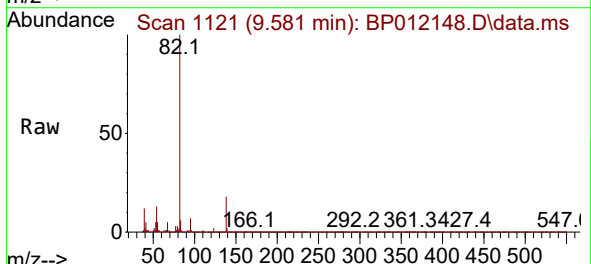
Instrument :
BNA_P
ClientSampleId :

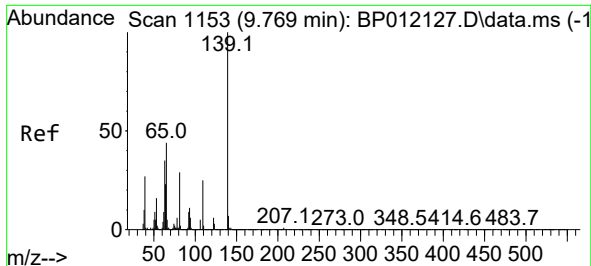
Tgt Ion: 77 Resp: 511809
Ion Ratio Lower Upper
77 100
123 49.5 39.4 59.0
65 12.6 9.9 14.9



#23
Isophorone
Concen: 28.833 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion: 82 Resp: 891582
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.4 15.2 22.8

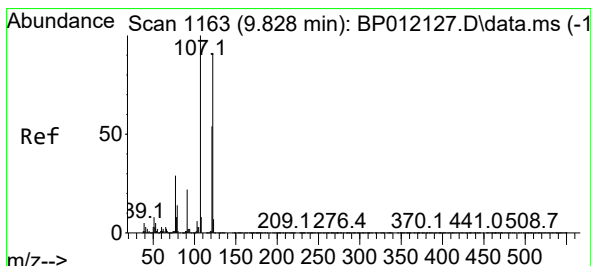
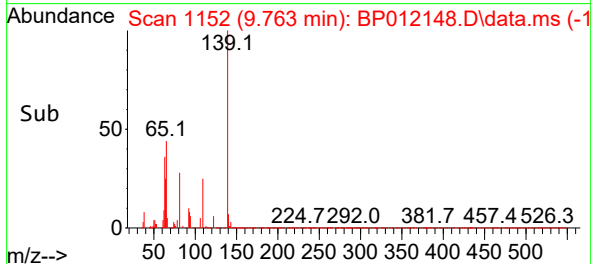
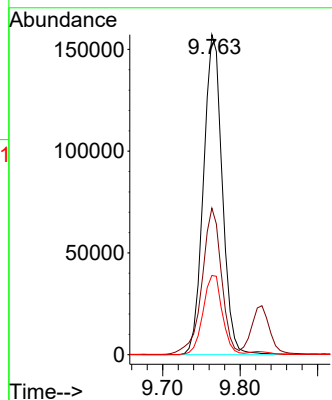
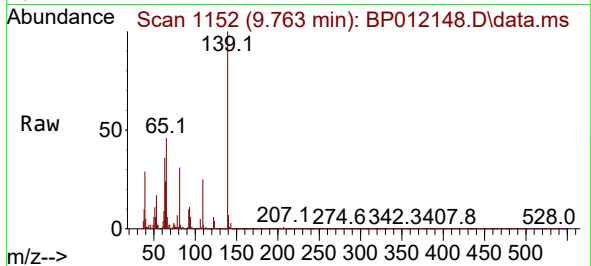




#25
2-Nitrophenol
Concen: 29.180 ng/ul
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

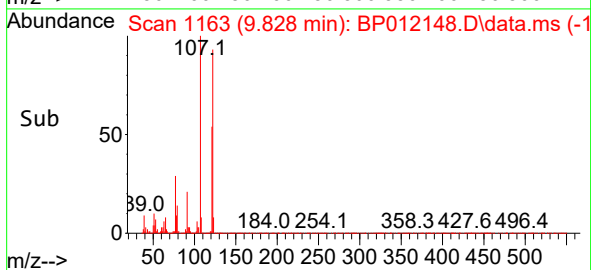
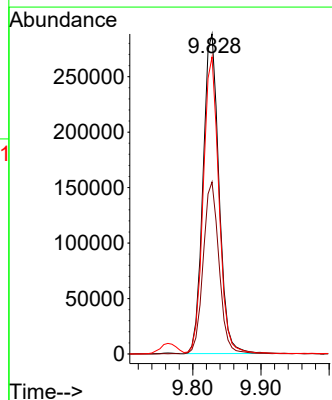
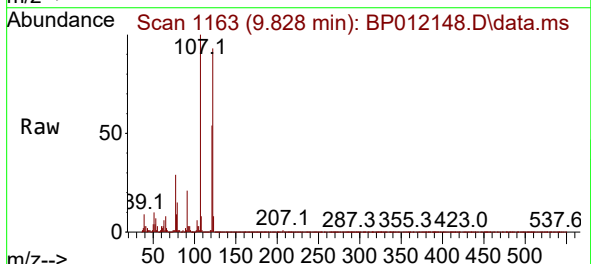
Instrument :
BNA_P
ClientSampleId :

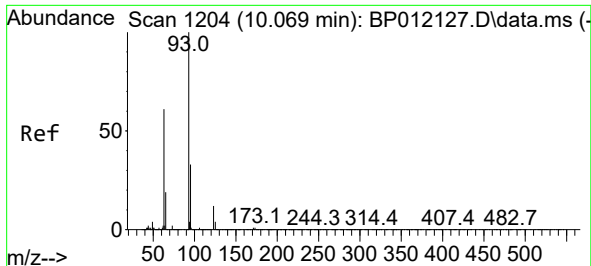
Tgt Ion:139 Resp: 264359
Ion Ratio Lower Upper
139 100
65 45.8 36.3 54.5
109 24.7 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 26.580 ng/ul
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:107 Resp: 468963
Ion Ratio Lower Upper
107 100
121 53.8 43.0 64.4
122 92.8 71.4 107.2

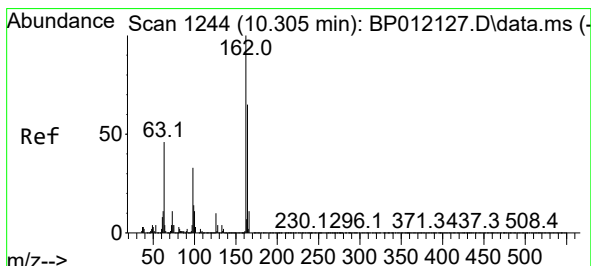
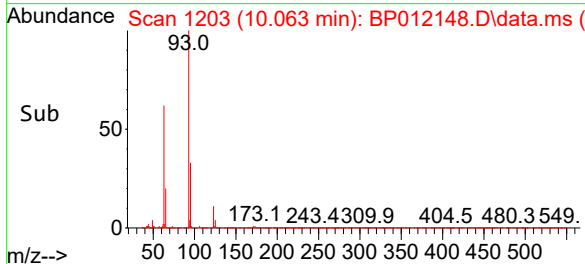
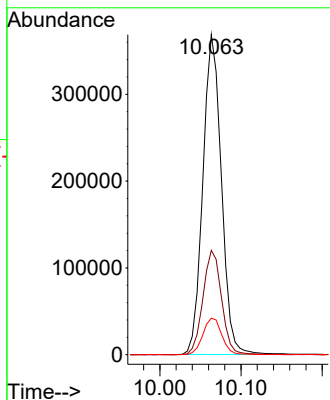
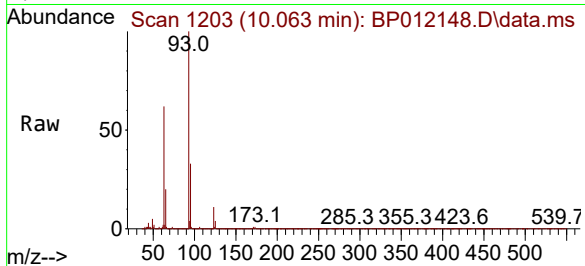




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.528 ng/ul
 RT: 10.063 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP012148.D
 Acq: 14 Oct 2022 21:36

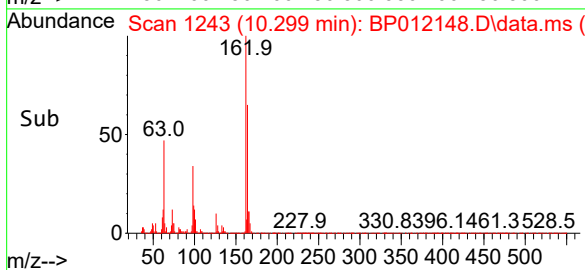
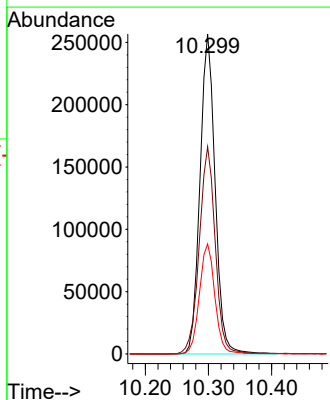
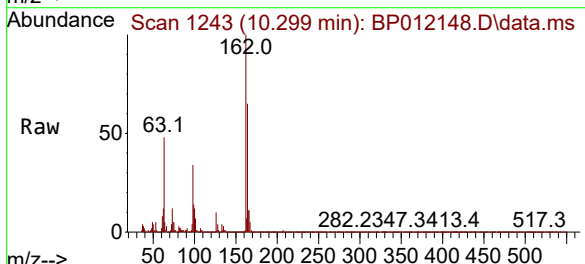
Instrument :
 BNA_P
 ClientSampleId :

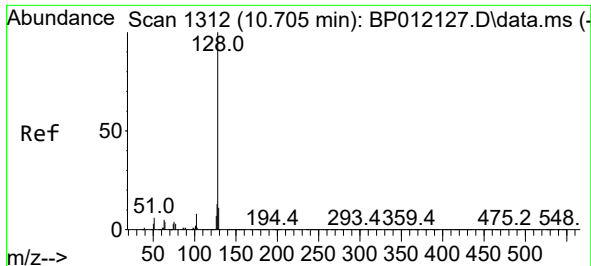
Tgt Ion: 93 Resp: 584129
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 11.4 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 27.228 ng/ul
 RT: 10.299 min Scan# 1243
 Delta R.T. -0.012 min
 Lab File: BP012148.D
 Acq: 14 Oct 2022 21:36

Tgt Ion:162 Resp: 427613
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.5 77.3
 98 34.4 26.3 39.5

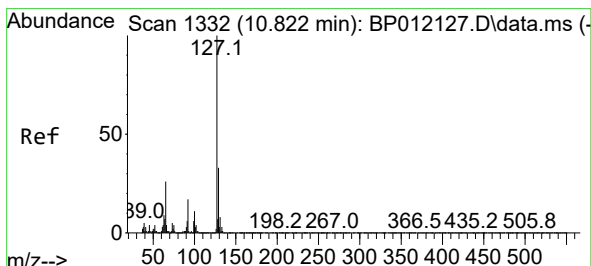
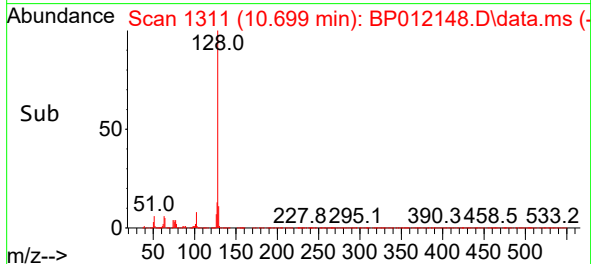
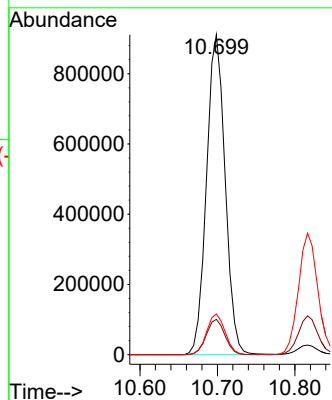
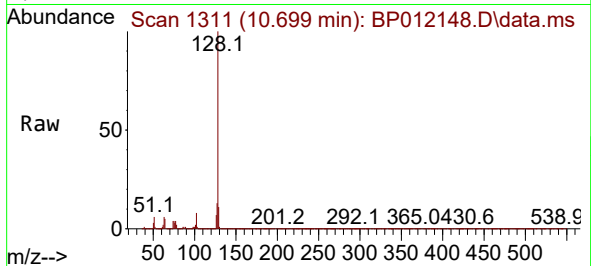




#30
Naphthalene
Concen: 26.748 ng/ul
RT: 10.699 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

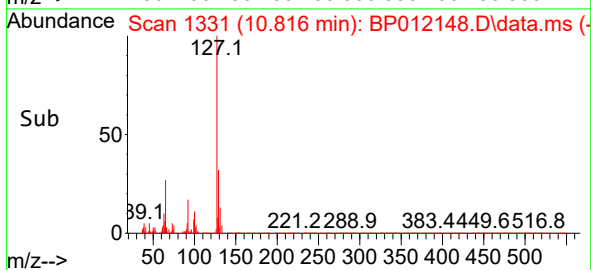
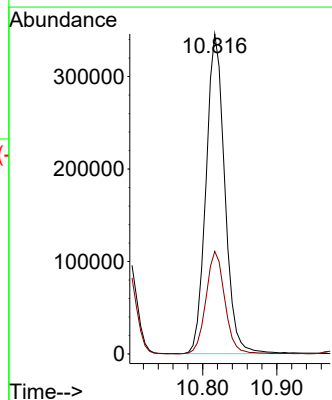
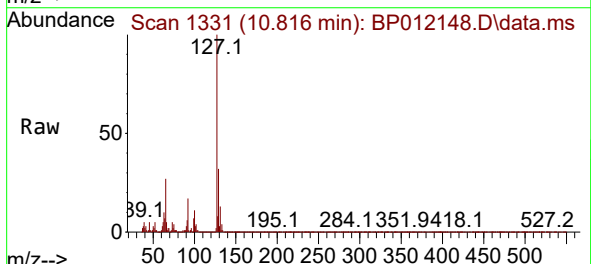
Instrument :
BNA_P
ClientSampleId :

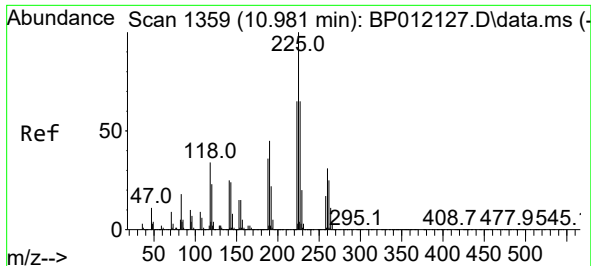
Tgt Ion:128 Resp: 1521975
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 26.707 ng/ul
RT: 10.816 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:127 Resp: 606388
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4

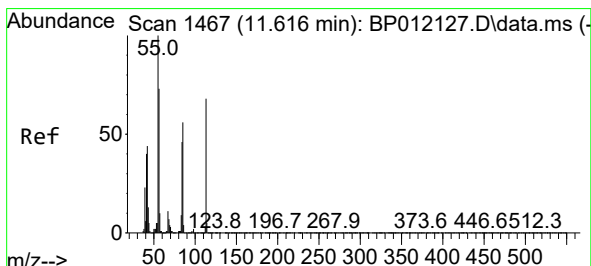
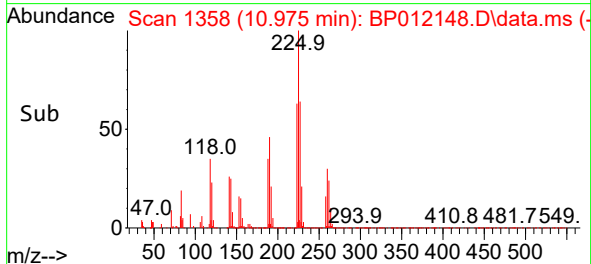
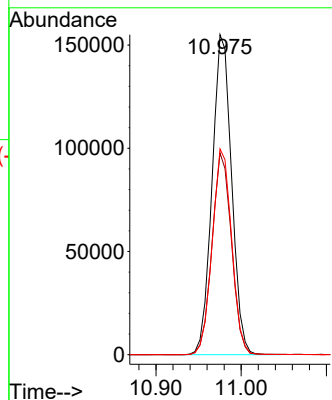
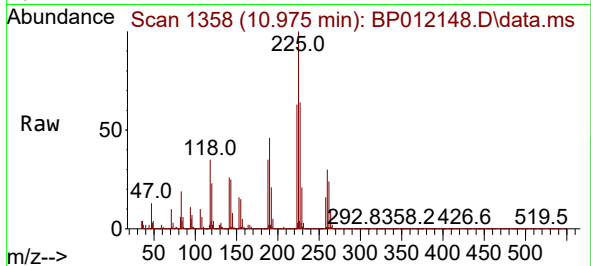




#33
Hexachlorobutadiene
Concen: 25.282 ng/ul
RT: 10.975 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

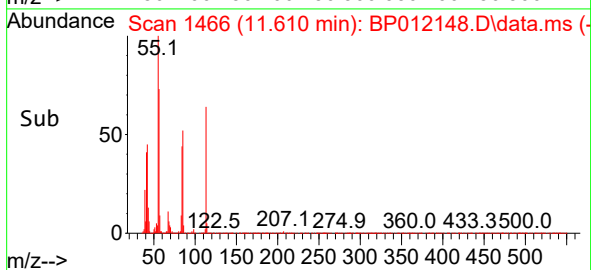
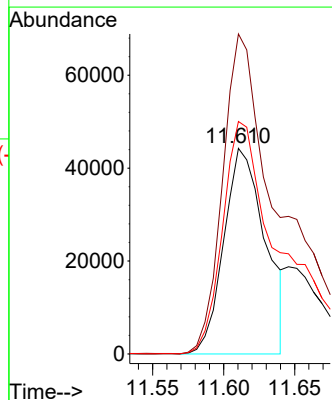
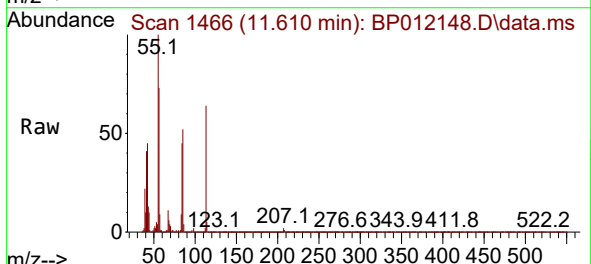
Instrument :
BNA_P
ClientSampleId :

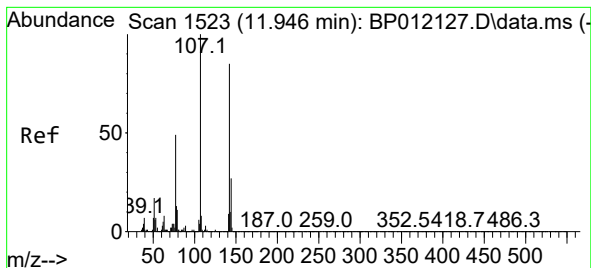
Tgt Ion:225 Resp: 246216
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 64.3 51.1 76.7



#34
Caprolactam
Concen: 20.822 ng/ul
RT: 11.610 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:113 Resp: 89861
Ion Ratio Lower Upper
113 100
55 155.6 115.2 172.8
56 113.1 85.6 128.4

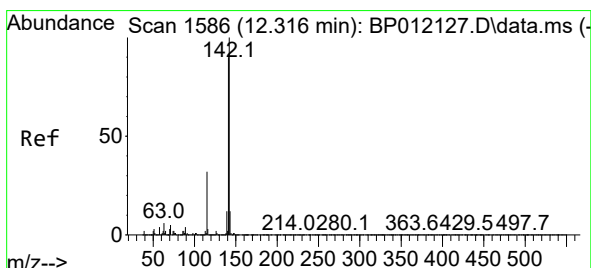
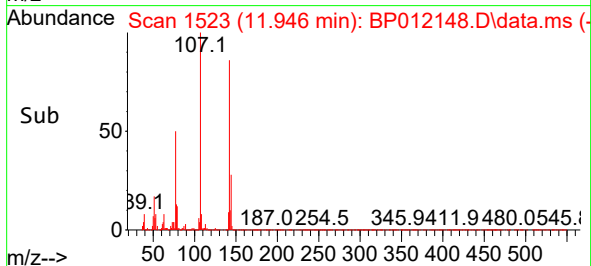
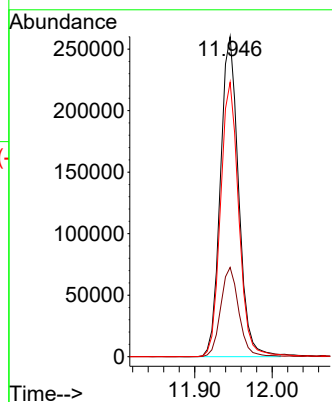
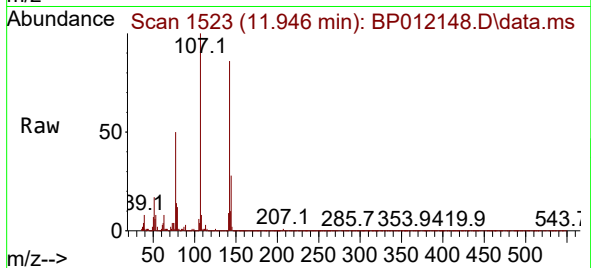




#35
4-Chloro-3-methylphenol
Concen: 28.509 ng/ul
RT: 11.946 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

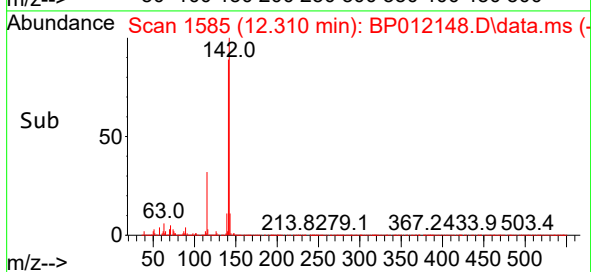
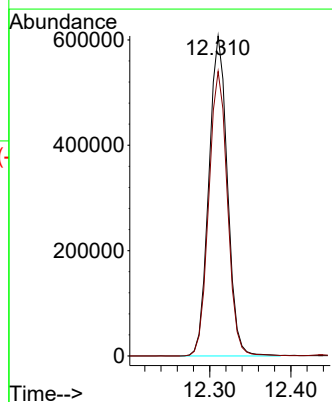
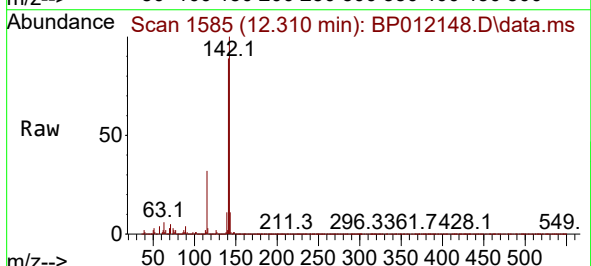
Instrument :
BNA_P
ClientSampleId :

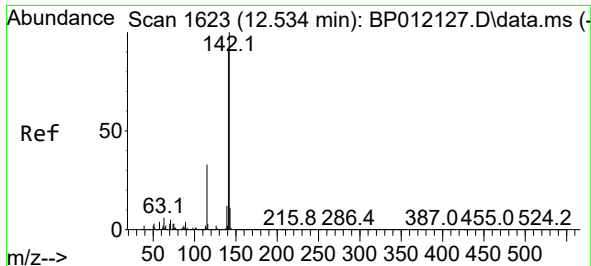
Tgt Ion:107 Resp: 424175
Ion Ratio Lower Upper
107 100
144 27.9 23.0 34.4
142 85.7 69.8 104.8



#36
2-Methylnaphthalene
Concen: 26.303 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:142 Resp: 963740
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1





#37

1-Methylnaphthalene

Concen: 26.240 ng/ul

RT: 12.528 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

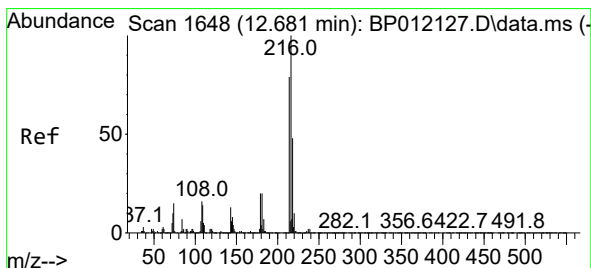
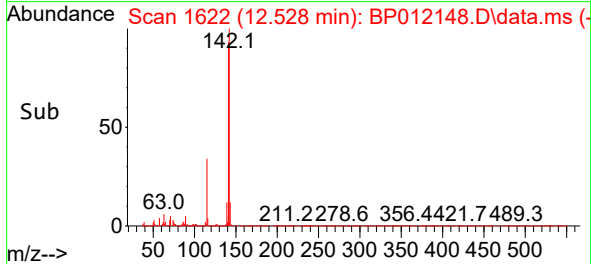
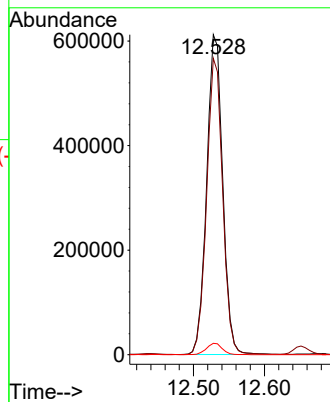
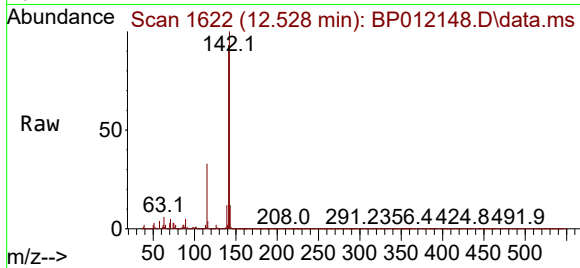
Tgt Ion:142 Resp: 962829

Ion Ratio Lower Upper

142 100

141 92.6 72.9 109.3

116 3.5 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.923 ng/ul

RT: 12.675 min Scan# 1647

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Tgt Ion:216 Resp: 473760

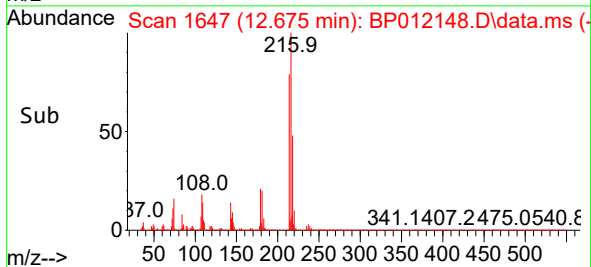
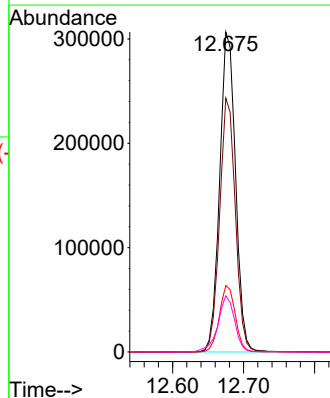
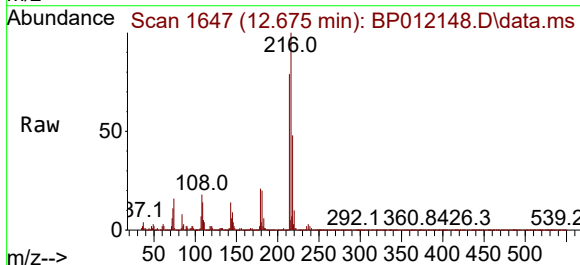
Ion Ratio Lower Upper

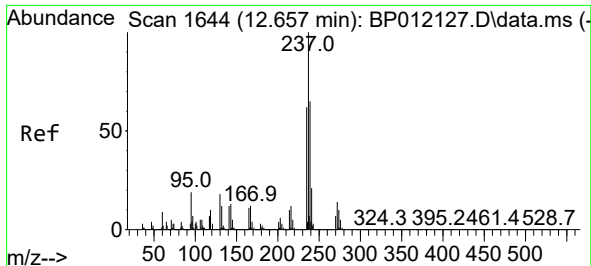
216 100

214 79.3 63.0 94.4

179 20.7 16.3 24.5

108 17.5 12.5 18.7

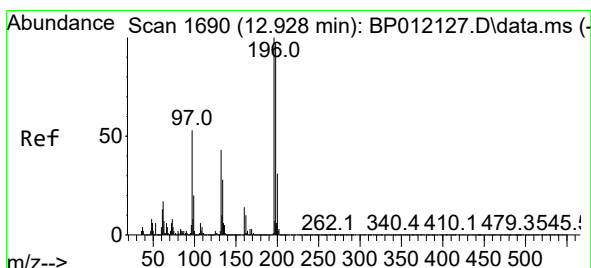
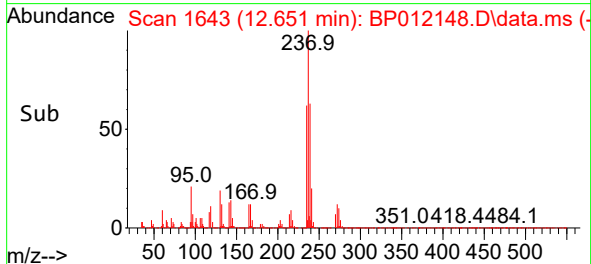
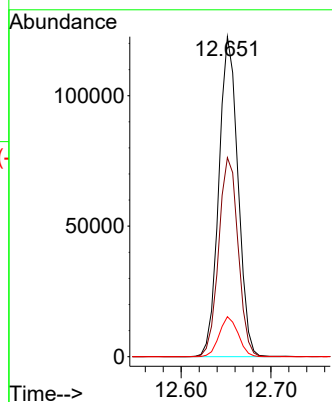
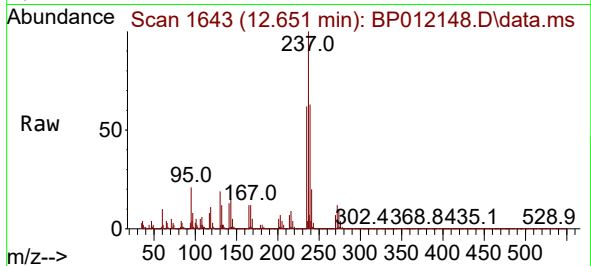




#40
Hexachlorocyclopentadiene
Concen: 20.435 ng/ul
RT: 12.651 min Scan# 1644
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

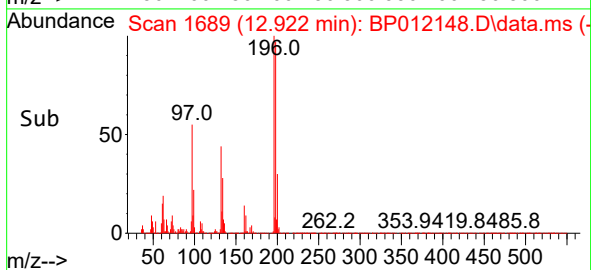
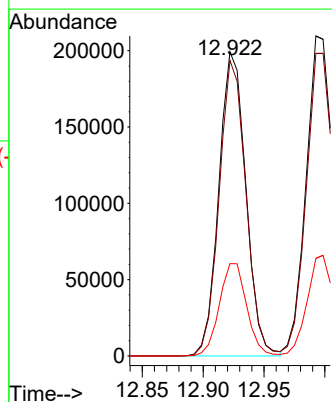
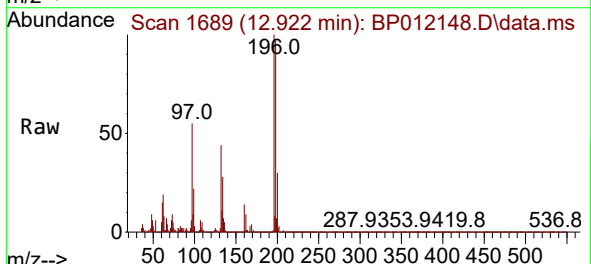
Instrument :
BNA_P
ClientSampleId :

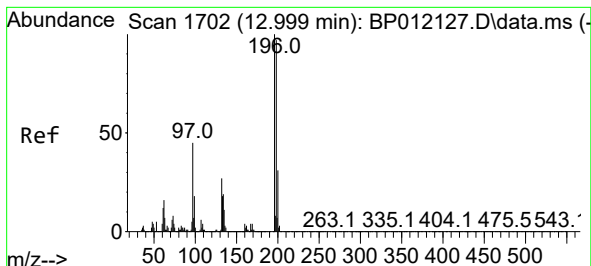
Tgt Ion:237 Resp: 181405
Ion Ratio Lower Upper
237 100
235 62.2 49.8 74.8
272 12.5 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 27.915 ng/ul
RT: 12.922 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:196 Resp: 307311
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.2
200 30.4 24.2 36.2





#42

2,4,5-Trichlorophenol

Concen: 28.187 ng/ul

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

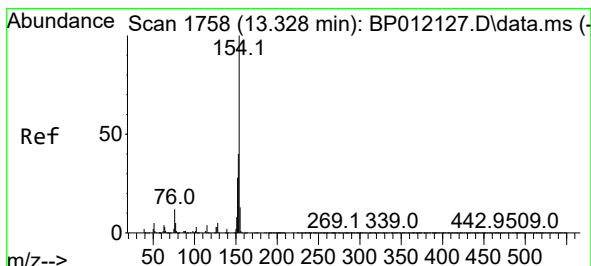
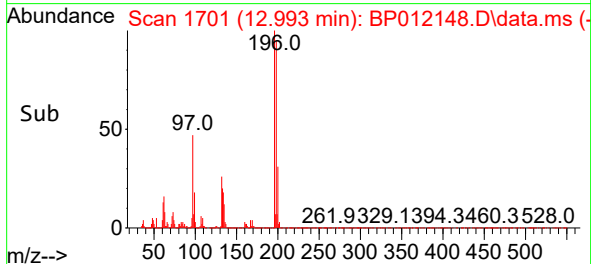
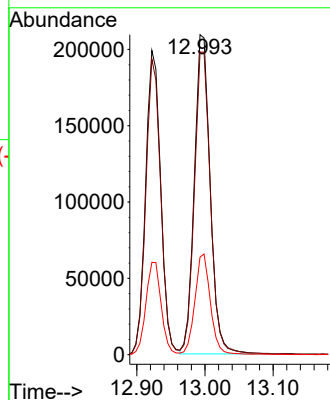
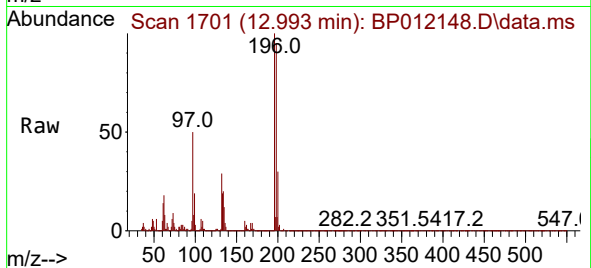
Tgt Ion:196 Resp: 337244

Ion Ratio Lower Upper

196 100

198 94.6 75.4 113.2

200 30.5 24.8 37.2



#43

1,1'-Biphenyl

Concen: 27.044 ng/ul

RT: 13.322 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

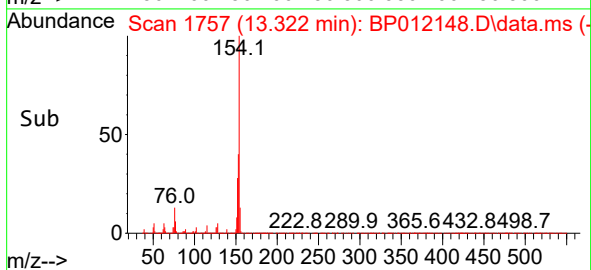
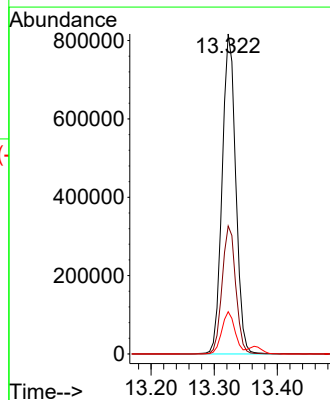
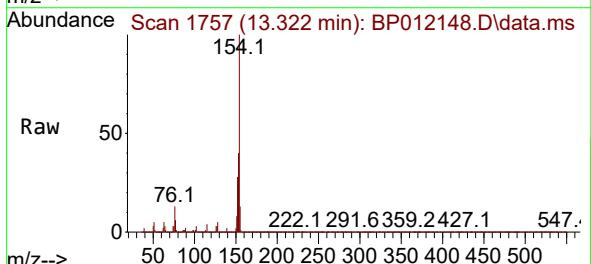
Tgt Ion:154 Resp: 1220622

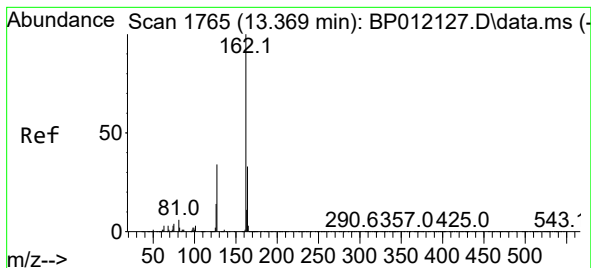
Ion Ratio Lower Upper

154 100

153 40.0 32.2 48.2

76 13.2 10.3 15.5





#44

2-Chloronaphthalene

Concen: 26.982 ng/ul

RT: 13.363 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

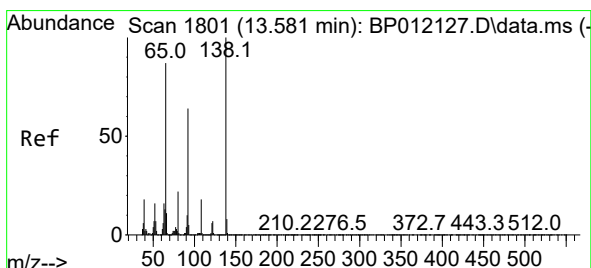
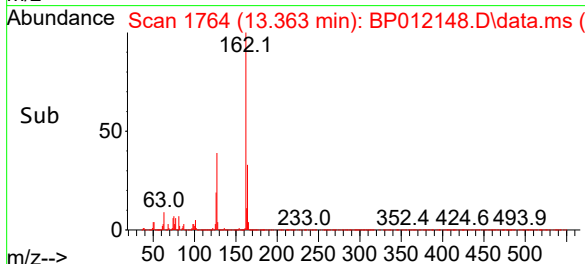
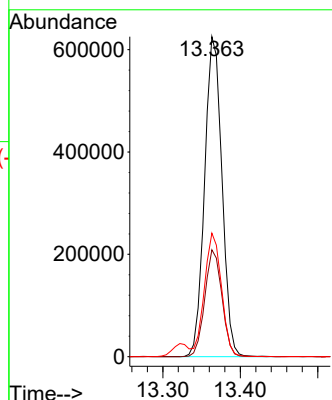
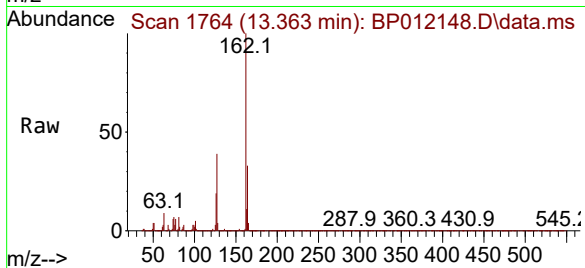
Tgt Ion:162 Resp: 972504

Ion Ratio Lower Upper

162 100

164 33.4 26.0 39.0

127 38.6 29.4 44.2



#45

2-Nitroaniline

Concen: 31.464 ng/ul

RT: 13.581 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

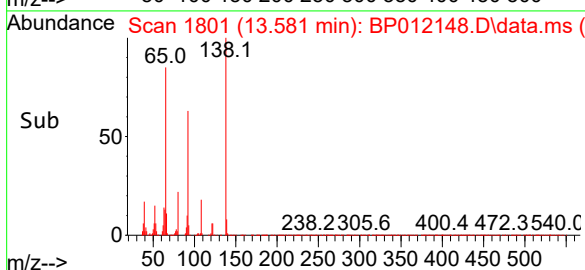
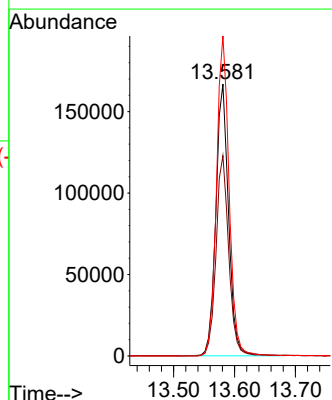
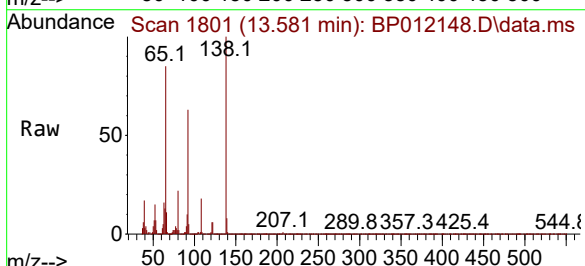
Tgt Ion: 65 Resp: 241918

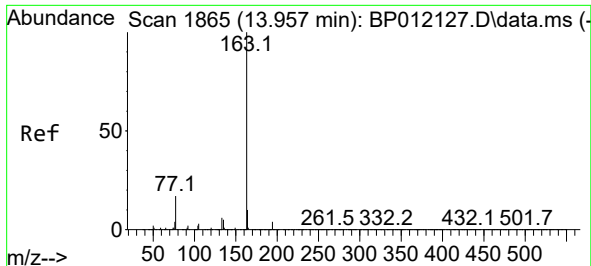
Ion Ratio Lower Upper

65 100

92 73.7 61.6 92.4

138 117.7 96.5 144.7

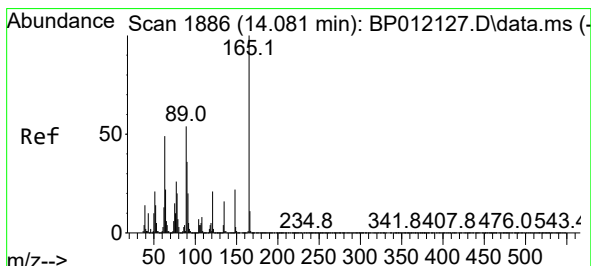
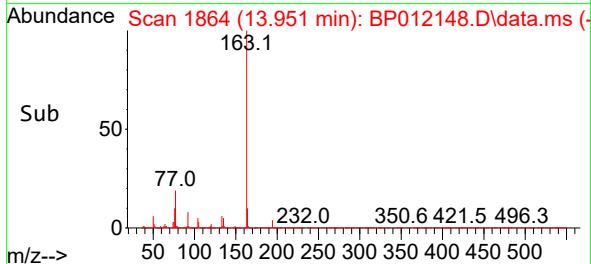
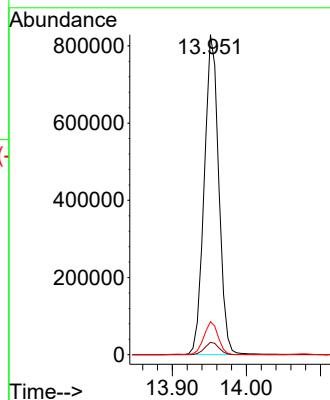
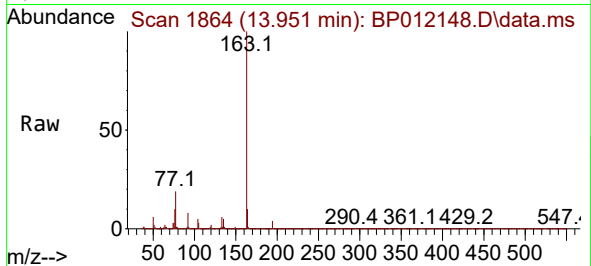




#47
Dimethylphthalate
Concen: 28.264 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

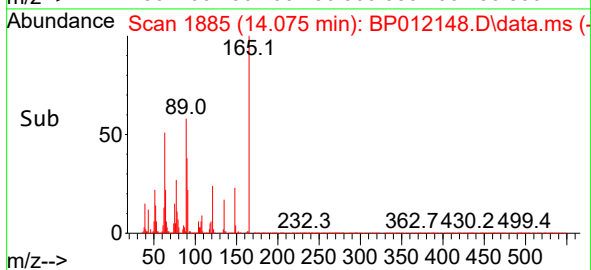
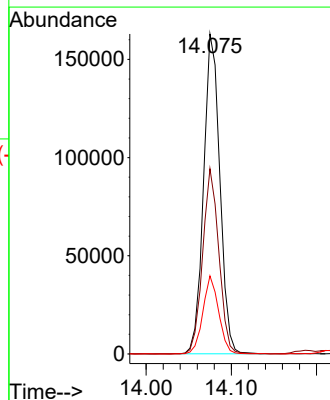
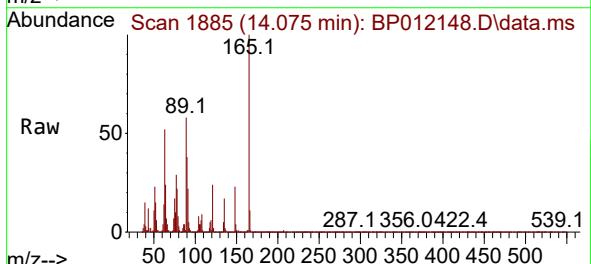
Instrument :
BNA_P
ClientSampleId :

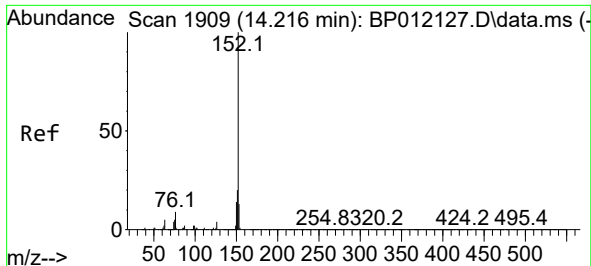
Tgt Ion:163 Resp: 1127543
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 30.542 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

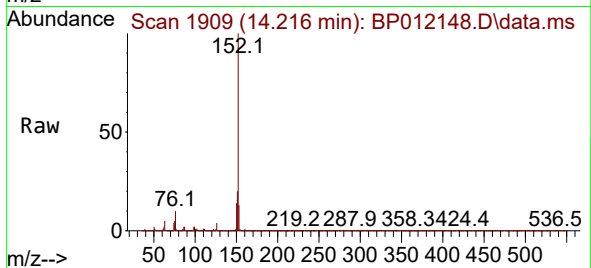
Tgt Ion:165 Resp: 215714
Ion Ratio Lower Upper
165 100
89 57.9 43.4 65.0
121 24.4 18.1 27.1



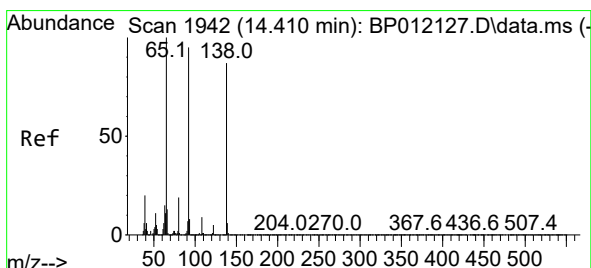
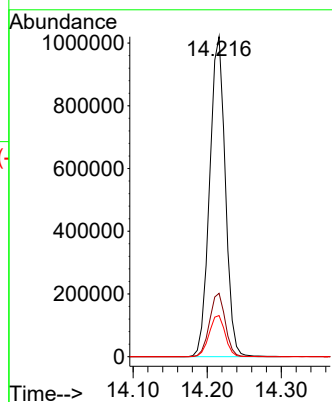
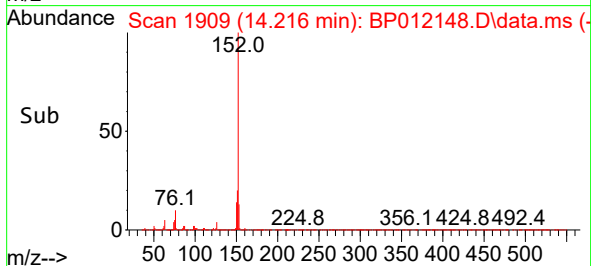


#50
Acenaphthylene
Concen: 28.261 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Instrument :
BNA_P
ClientSampleId :

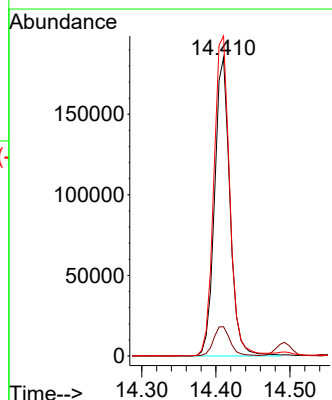
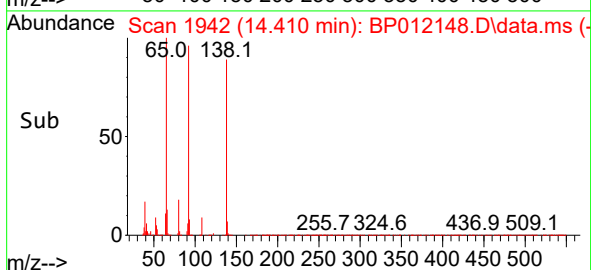
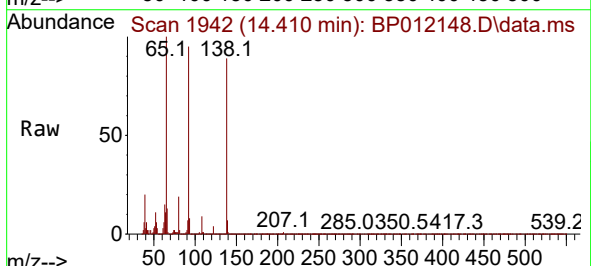


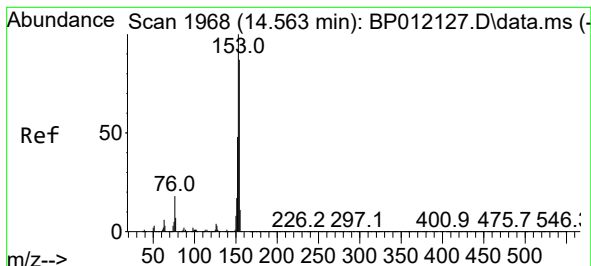
Tgt Ion:152 Resp: 1497242
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 32.422 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:138 Resp: 266649
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 107.3 85.8 128.8





#52

Acenaphthene

Concen: 27.229 ng/ul

RT: 14.557 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

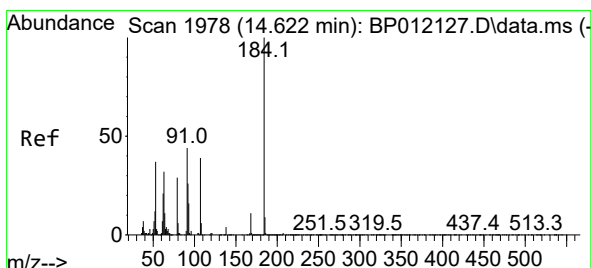
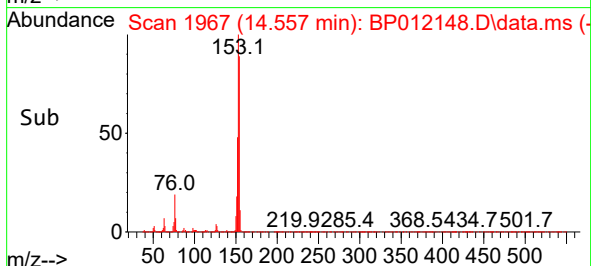
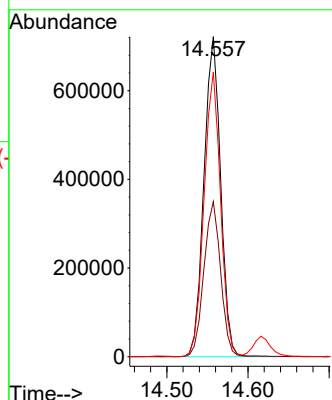
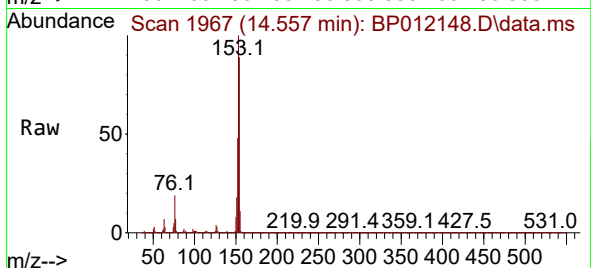
Tgt Ion:153 Resp: 1026952

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.2

154 89.0 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 25.734 ng/ul

RT: 14.616 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

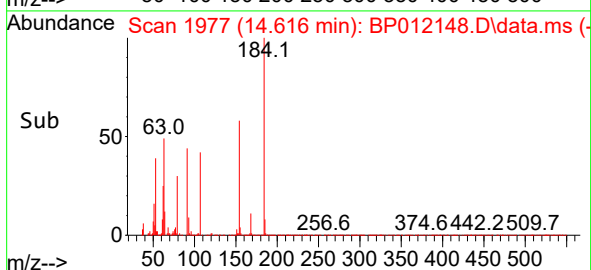
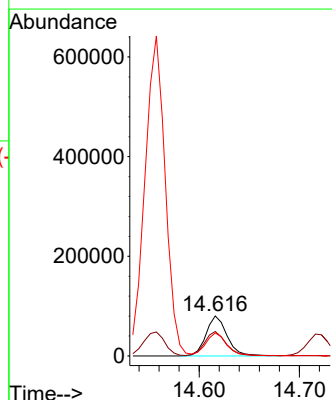
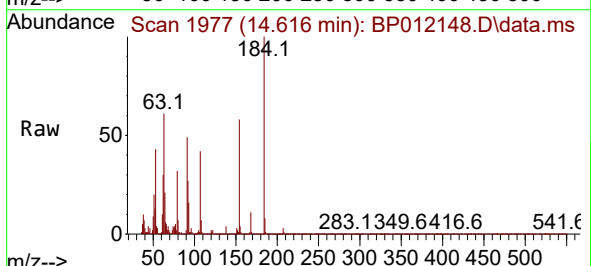
Tgt Ion:184 Resp: 117422

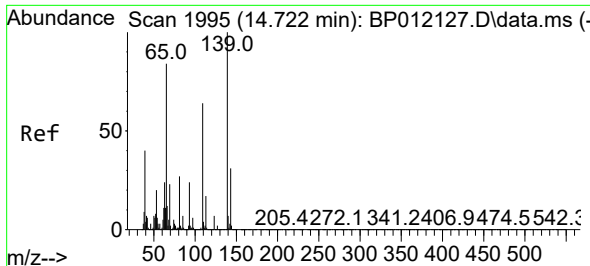
Ion Ratio Lower Upper

184 100

63 61.0 45.5 68.3

154 57.7 47.0 70.6

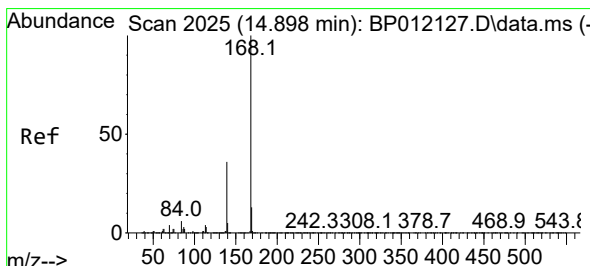
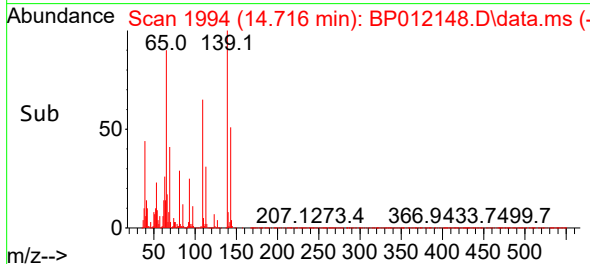
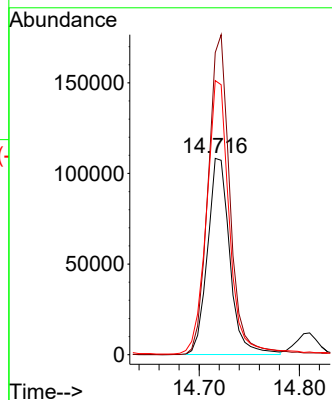
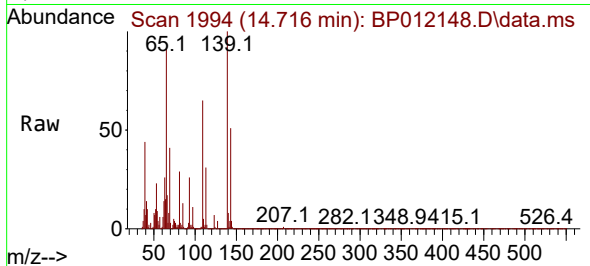




#55
4-Nitrophenol
Concen: 32.520 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

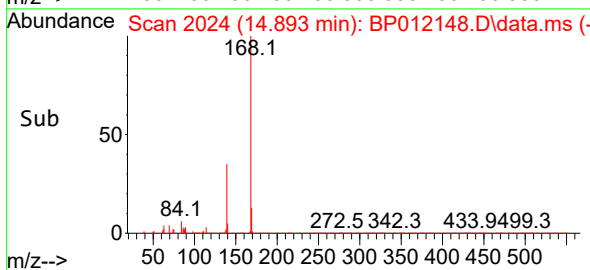
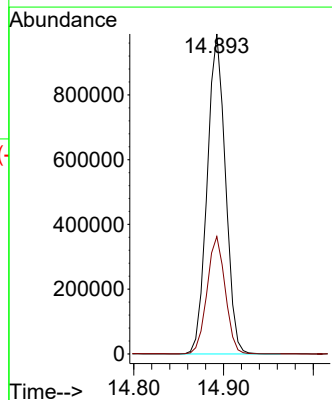
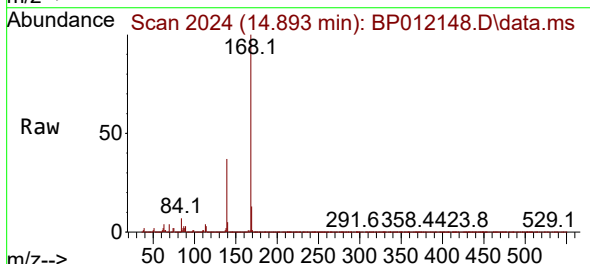
Instrument :
BNA_P
ClientSampleId :

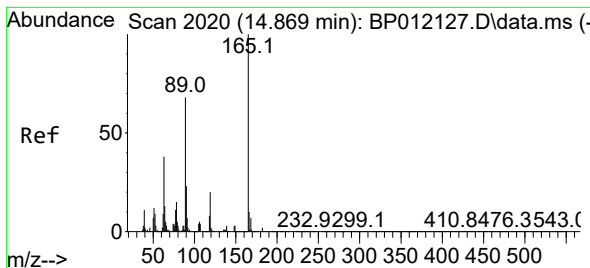
Tgt Ion:109 Resp: 167125
Ion Ratio Lower Upper
109 100
139 153.8 124.1 186.1
65 139.6 104.2 156.4



#56
Dibenzofuran
Concen: 27.305 ng/ul
RT: 14.893 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:168 Resp: 1391781
Ion Ratio Lower Upper
168 100
139 36.7 28.2 42.4

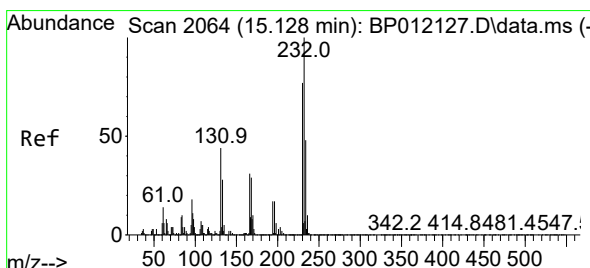
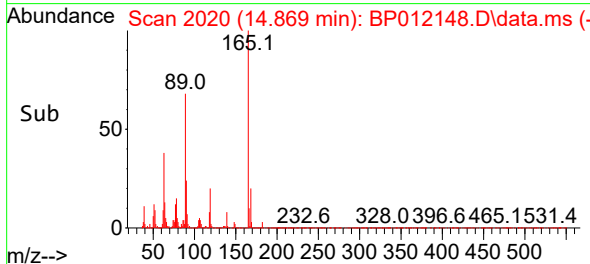
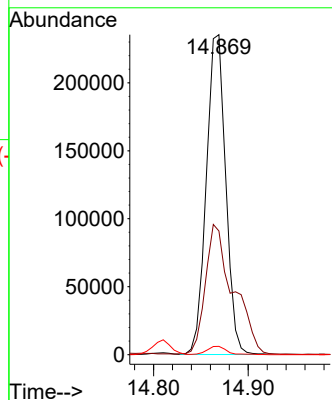
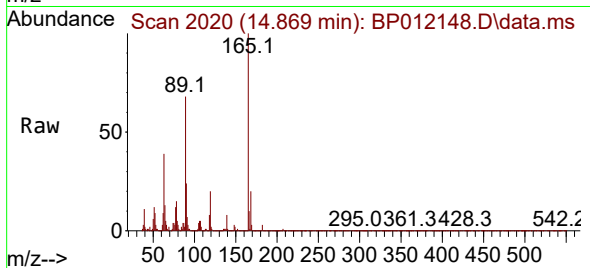




#57
2,4-Dinitrotoluene
Concen: 33.031 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

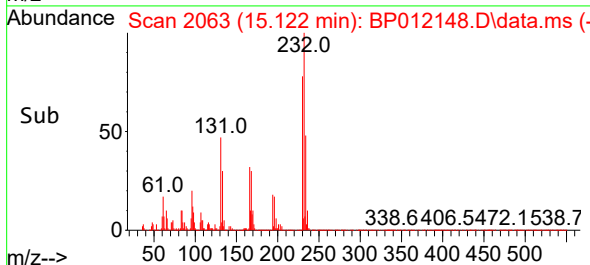
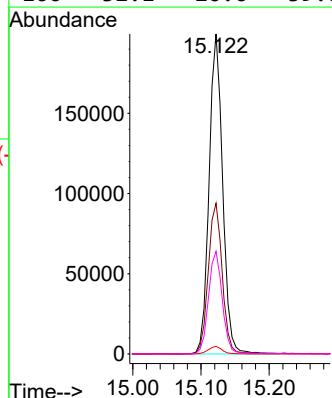
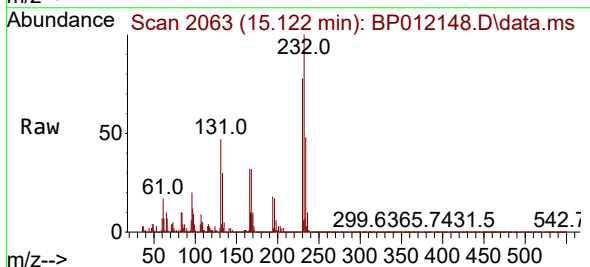
Instrument :
BNA_P
ClientSampleId :

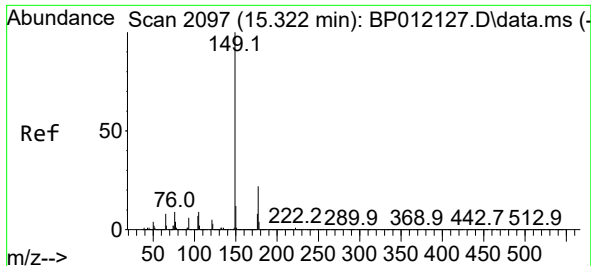
Tgt Ion:165 Resp: 335292
Ion Ratio Lower Upper
165 100
63 38.7 31.1 46.7
182 2.6 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.666 ng/ul
RT: 15.122 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:232 Resp: 276652
Ion Ratio Lower Upper
232 100
131 47.1 37.8 56.6
130 2.4 1.8 2.6
166 32.1 26.6 39.8

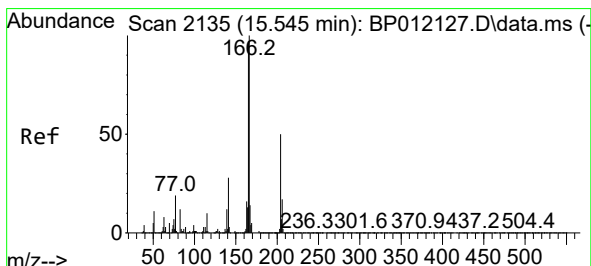
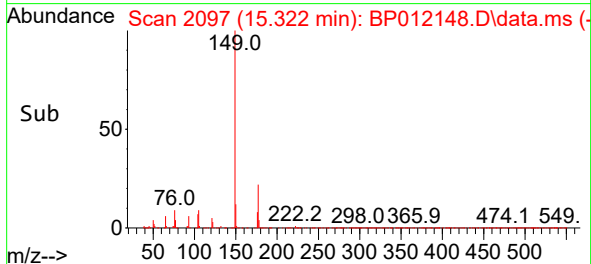
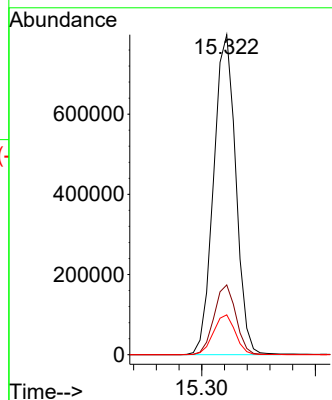
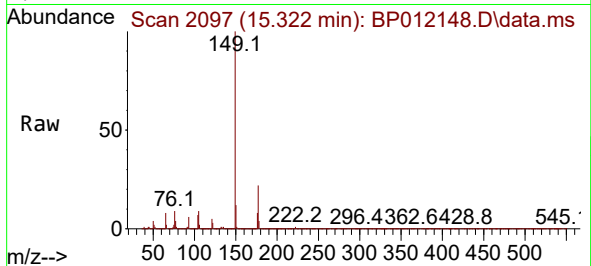




#59
Diethylphthalate
Concen: 29.633 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

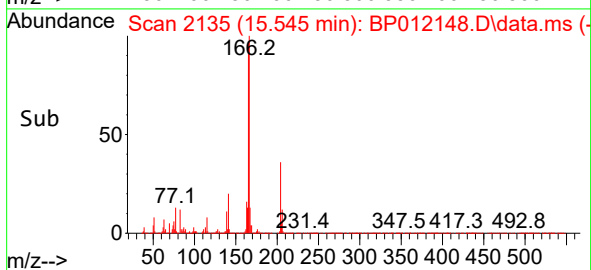
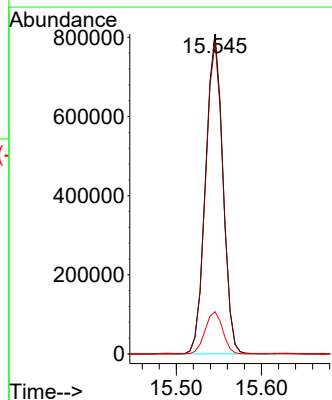
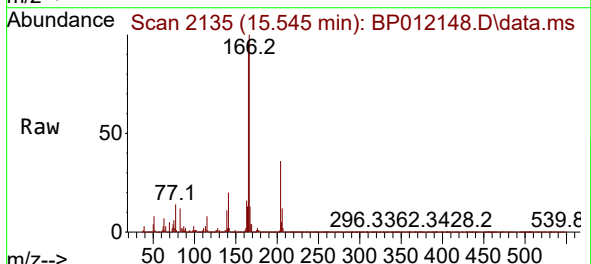
Instrument :
BNA_P
ClientSampleId :

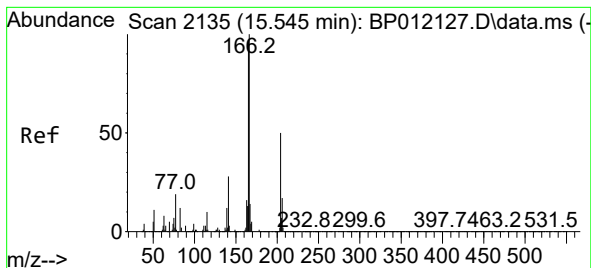
Tgt Ion:149 Resp: 1082640
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.5 9.8 14.8



#61
Fluorene
Concen: 28.460 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:166 Resp: 1138721
Ion Ratio Lower Upper
166 100
165 97.5 79.5 119.3
167 13.2 10.9 16.3

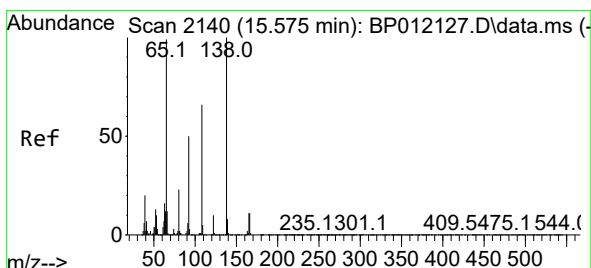
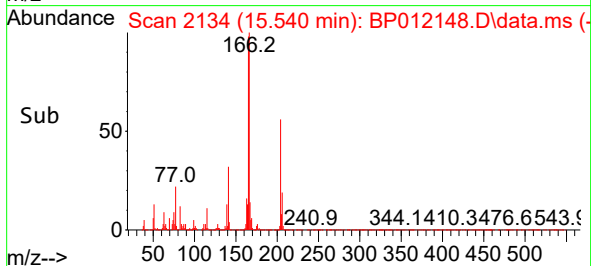
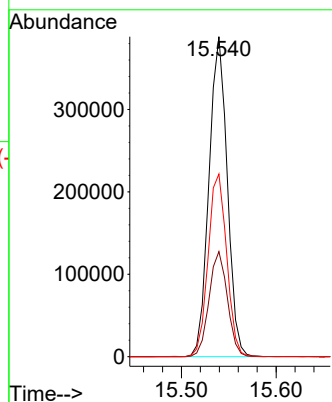
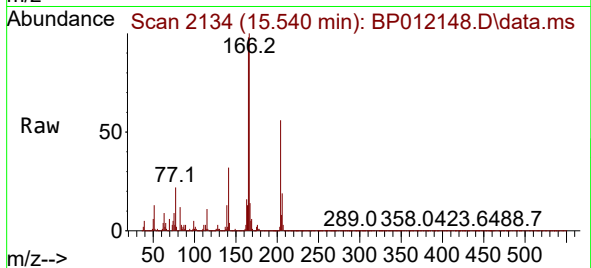




#62
4-Chlorophenyl-phenylether
Concen: 26.875 ng/ul
RT: 15.540 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

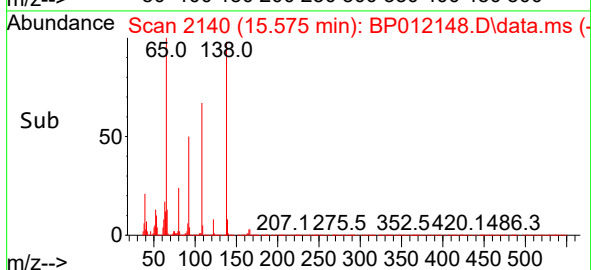
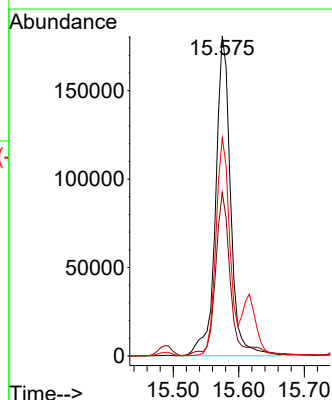
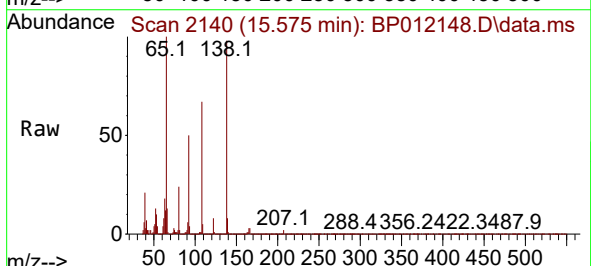
Instrument :
BNA_P
ClientSampleId :

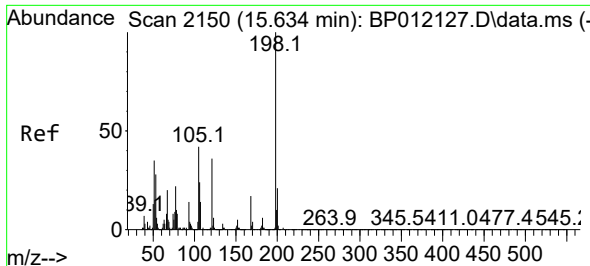
Tgt Ion:204 Resp: 520180
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.2
141 57.1 46.2 69.2



#63
4-Nitroaniline
Concen: 38.224 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

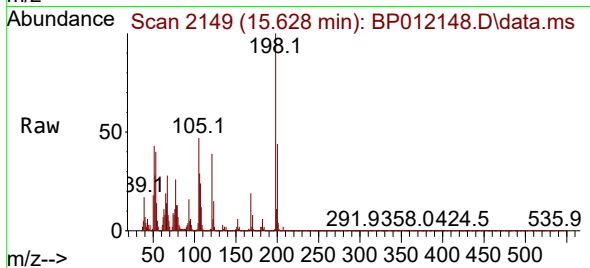
Tgt Ion:138 Resp: 287046
Ion Ratio Lower Upper
138 100
92 51.1 39.2 58.8
108 68.2 55.4 83.0



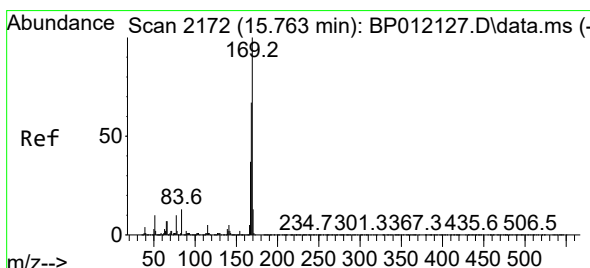
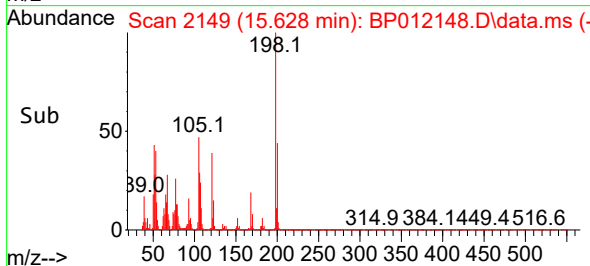
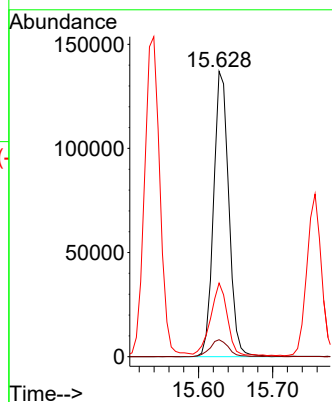


#66
4,6-Dinitro-2-methylphenol
Concen: 27.750 ng/ul
RT: 15.628 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Instrument :
BNA_P
ClientSampleId :

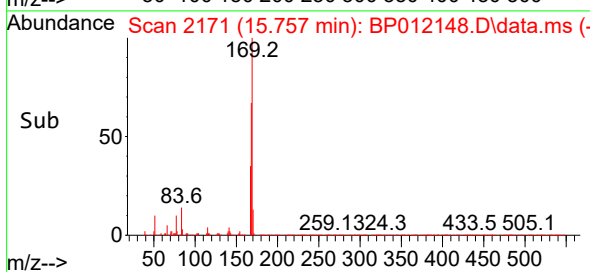
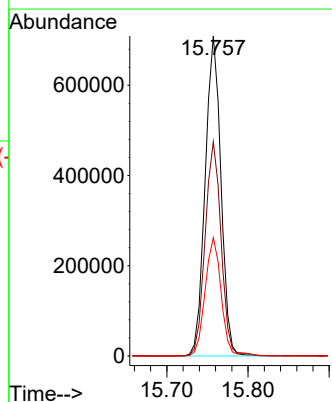
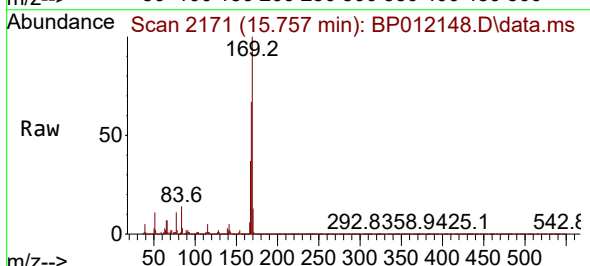


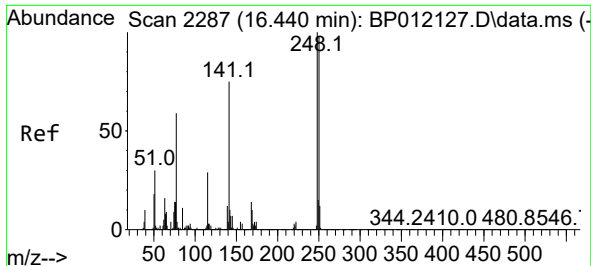
Tgt Ion:198 Resp: 195569
Ion Ratio Lower Upper
198 100
182 6.0 4.9 7.3
77 25.8 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 26.080 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:169 Resp: 953022
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 37.0 29.5 44.3

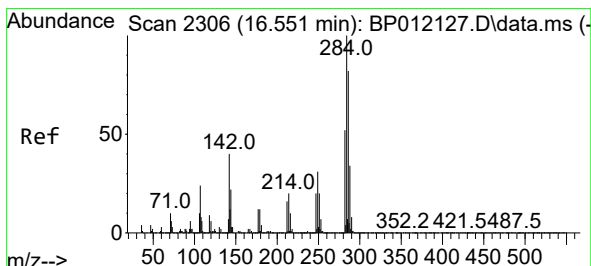
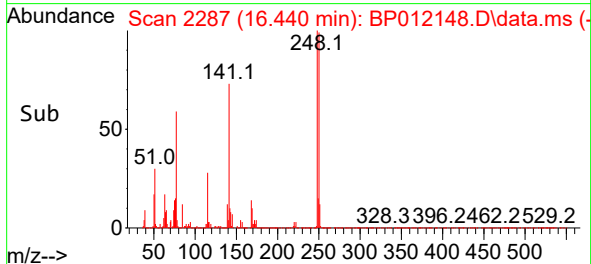
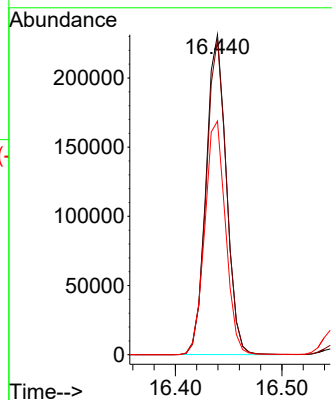
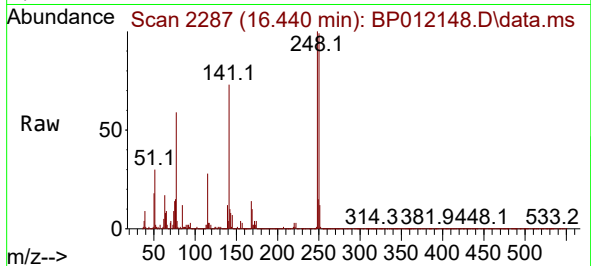




#68
4-Bromophenyl-phenylether
Concen: 25.445 ng/ul
RT: 16.440 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

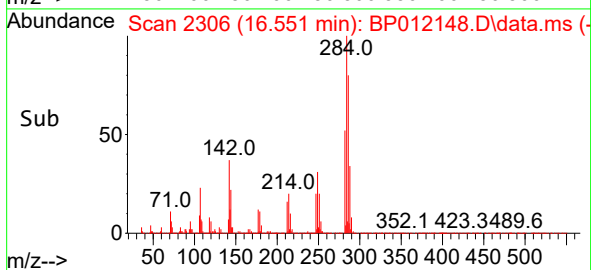
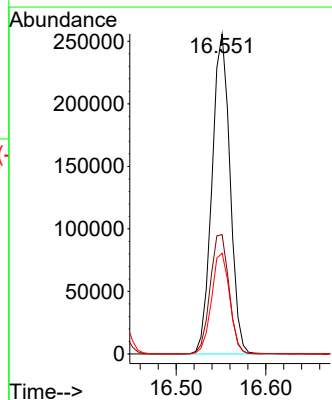
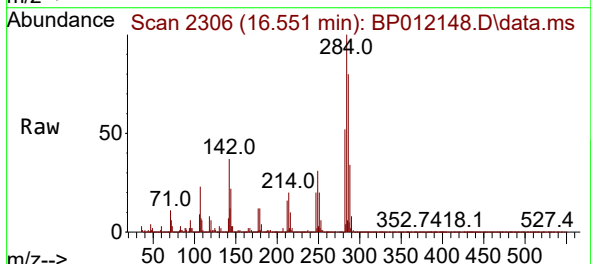
Instrument :
BNA_P
ClientSampleId :

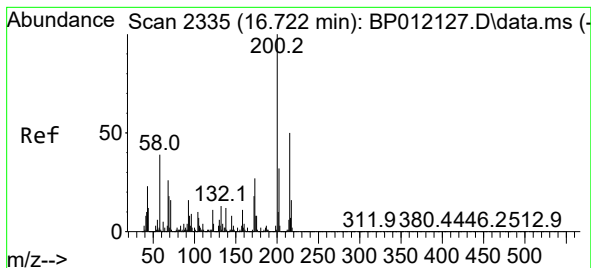
Tgt Ion:248 Resp: 305682
Ion Ratio Lower Upper
248 100
250 98.7 77.9 116.9
141 73.0 59.5 89.3



#69
Hexachlorobenzene
Concen: 25.622 ng/ul
RT: 16.551 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:284 Resp: 357269
Ion Ratio Lower Upper
284 100
142 37.3 30.5 45.7
249 31.5 25.4 38.0





#70

Atrazine

Concen: 25.419 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

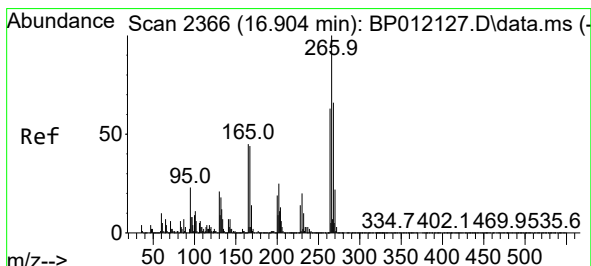
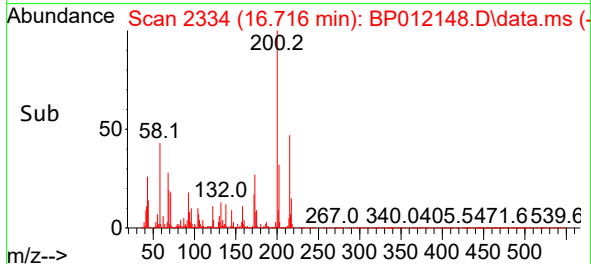
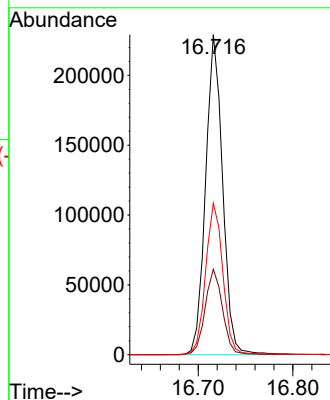
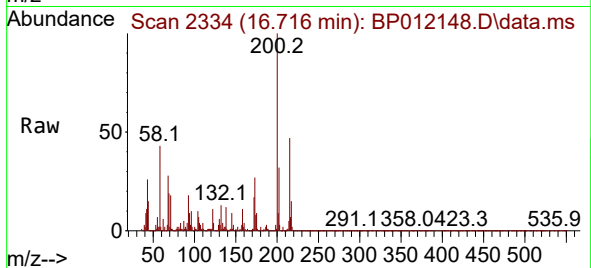
Tgt Ion:200 Resp: 285641

Ion Ratio Lower Upper

200 100

173 26.7 22.1 33.1

215 47.4 38.8 58.2



#71

Pentachlorophenol

Concen: 28.240 ng/ul

RT: 16.904 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

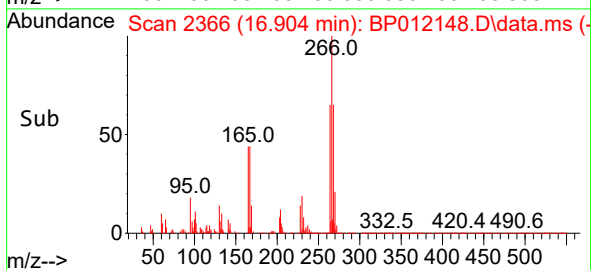
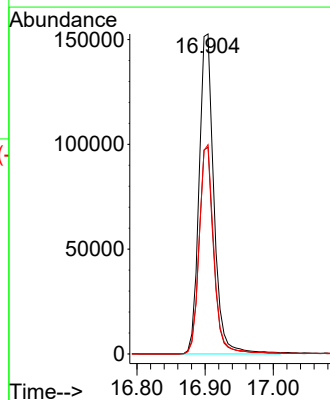
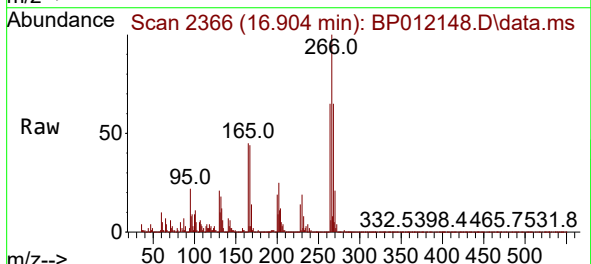
Tgt Ion:266 Resp: 230706

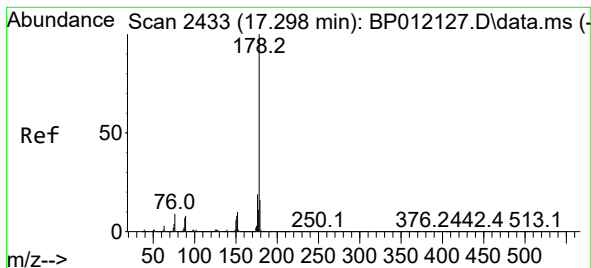
Ion Ratio Lower Upper

266 100

264 64.6 50.6 75.8

268 65.4 51.8 77.6





#72

Phenanthrene

Concen: 27.916 ng/ul

RT: 17.292 min Scan# 2433

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

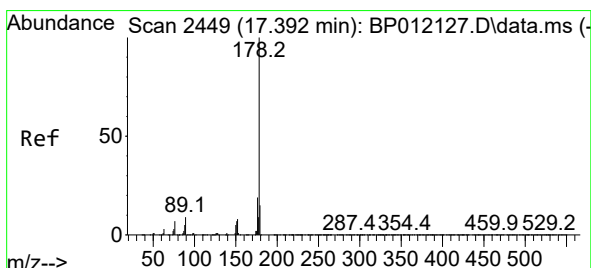
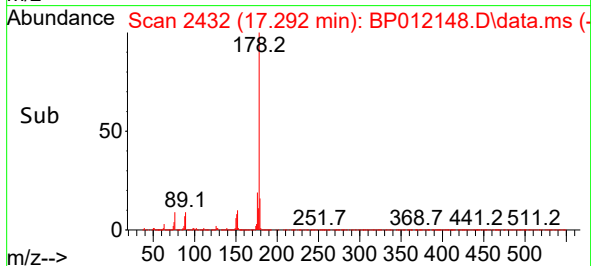
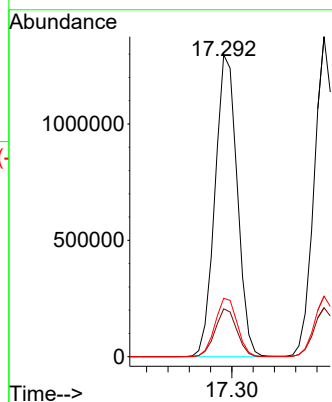
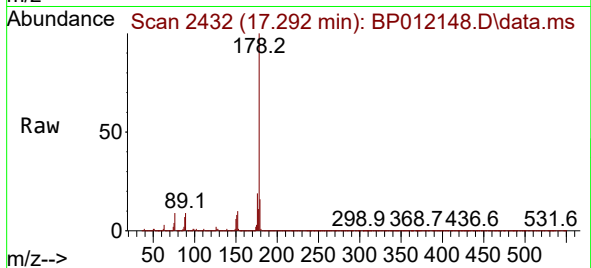
Tgt Ion:178 Resp: 1874301

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

176 19.3 15.8 23.6



#74

Anthracene

Concen: 28.432 ng/ul

RT: 17.387 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

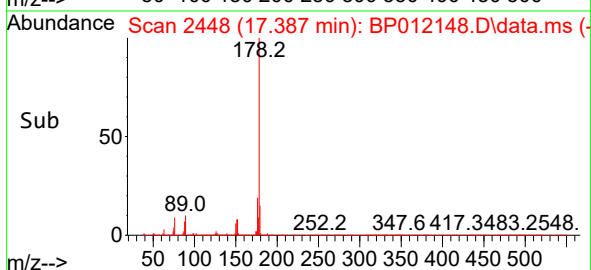
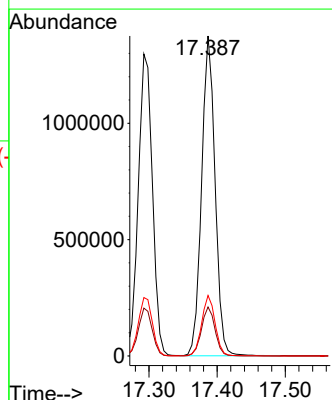
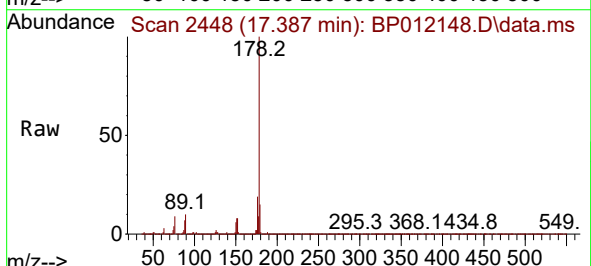
Tgt Ion:178 Resp: 1889071

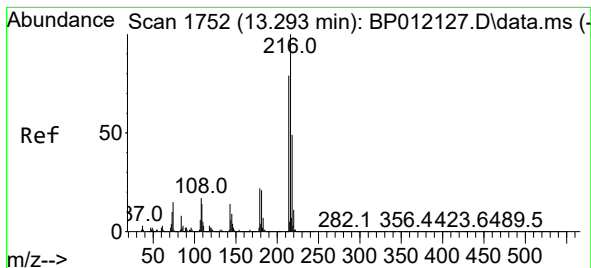
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.9 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.408 ng/uL

RT: 13.287 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

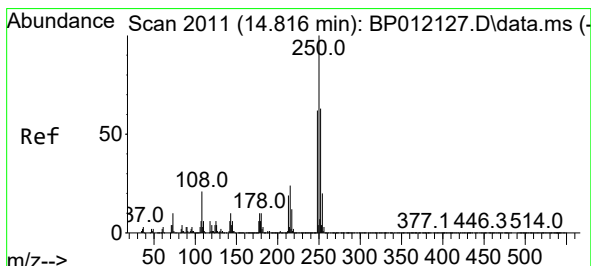
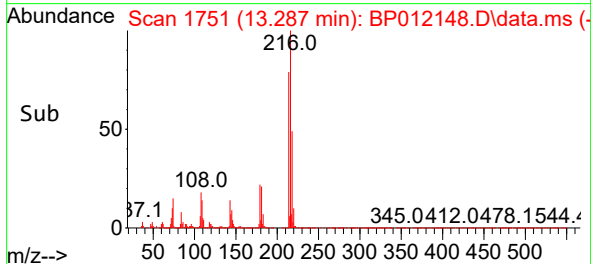
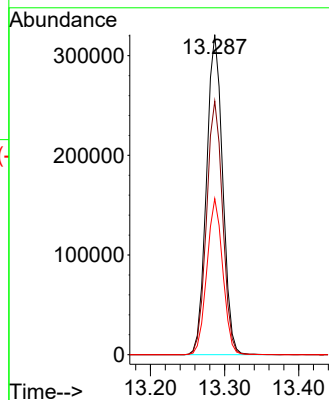
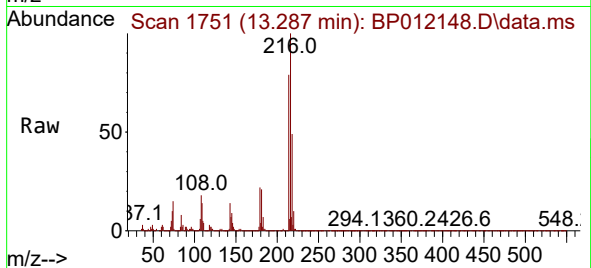
Tgt Ion:216 Resp: 486927

Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

218 48.8 38.9 58.3



#76

Pentachlorobenzene

Concen: 21.949 ng/uL

RT: 14.810 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

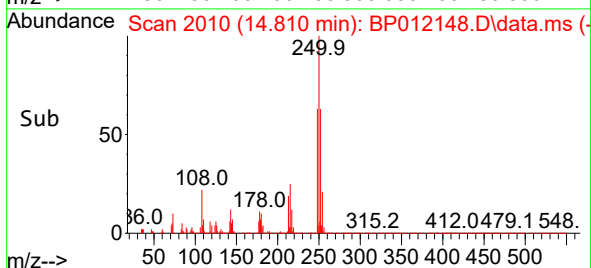
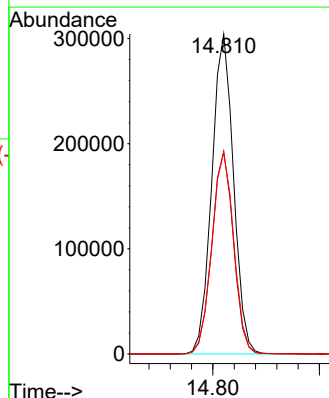
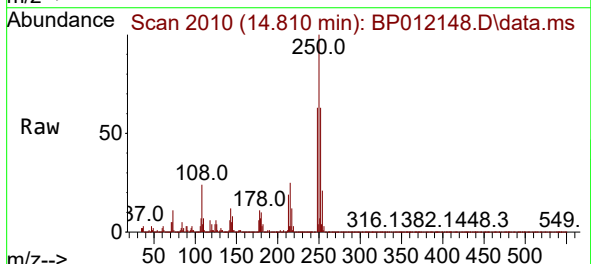
Tgt Ion:250 Resp: 430037

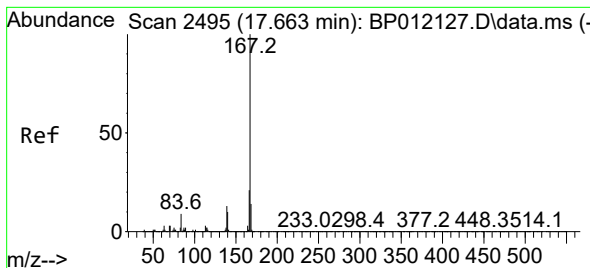
Ion Ratio Lower Upper

250 100

248 63.4 51.4 77.2

252 62.9 50.7 76.1





#77

Carbazole

Concen: 30.445 ng/ul

RT: 17.663 min Scan# 2495

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

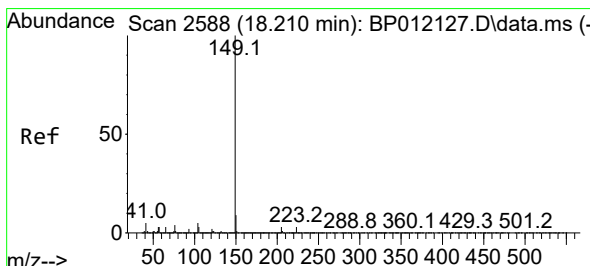
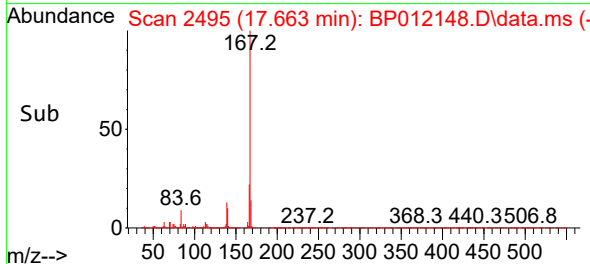
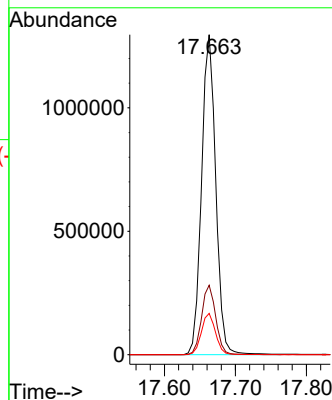
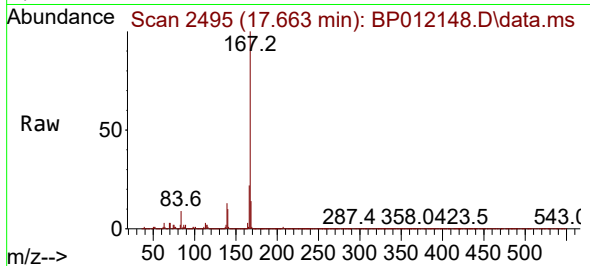
Tgt Ion:167 Resp: 1804119

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.9 10.1 15.1



#78

Di-n-butylphthalate

Concen: 30.364 ng/ul

RT: 18.210 min Scan# 2588

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

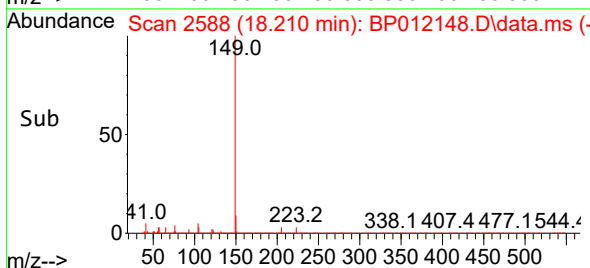
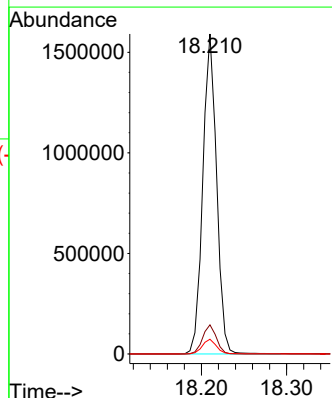
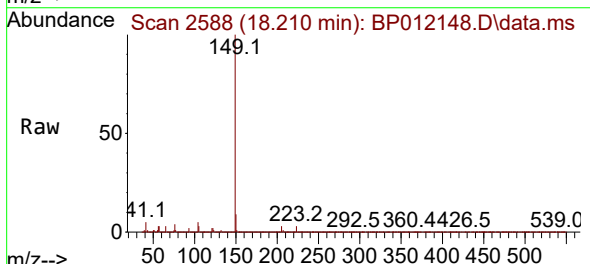
Tgt Ion:149 Resp: 1785616

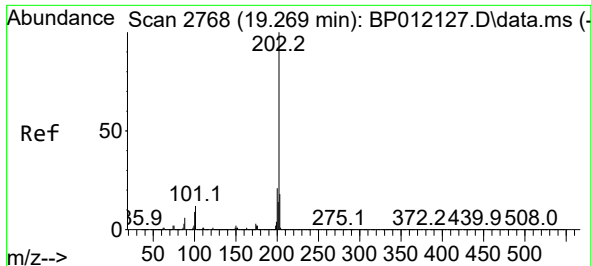
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 4.6 3.4 5.2

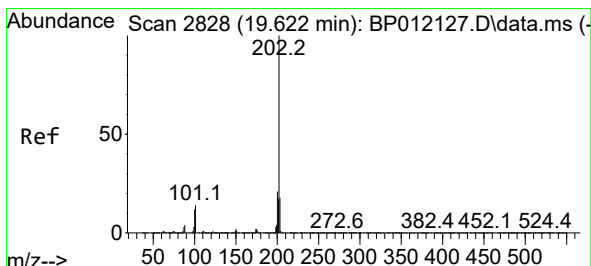
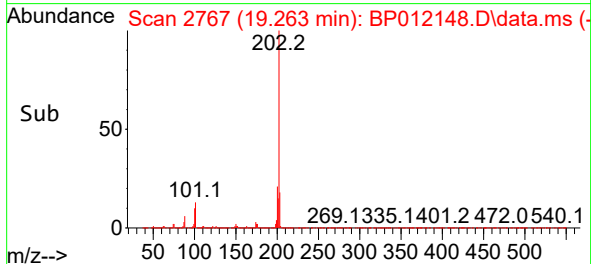
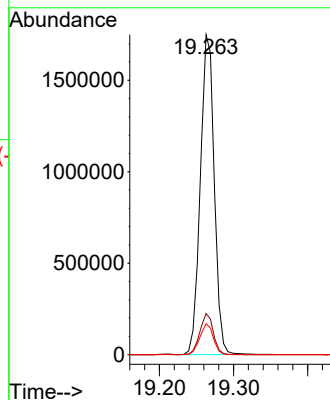
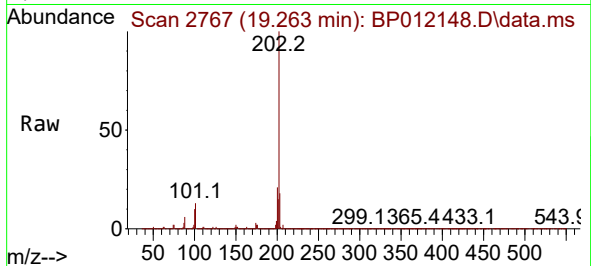




#80
Fluoranthene
Concen: 26.761 ng/ul
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

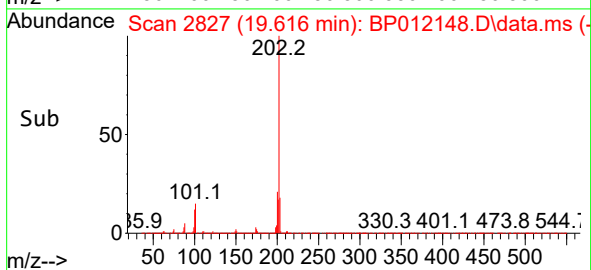
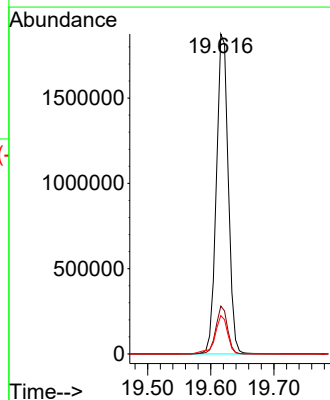
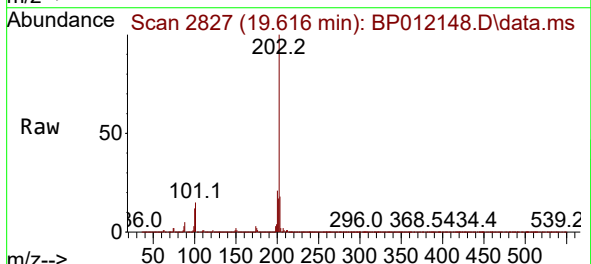
Instrument :
BNA_P
ClientSampleId :

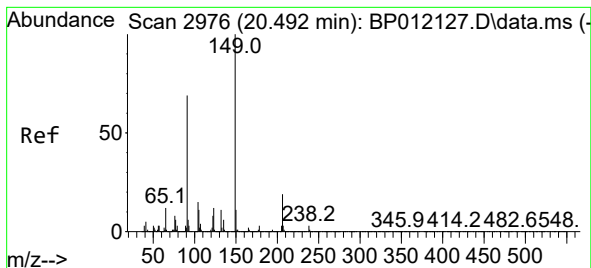
Tgt Ion:202 Resp: 2282280
Ion Ratio Lower Upper
202 100
101 12.8 9.0 13.6
100 9.7 7.0 10.6



#82
Pyrene
Concen: 27.099 ng/ul
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:202 Resp: 2445785
Ion Ratio Lower Upper
202 100
101 14.9 10.4 15.6
100 12.0 8.5 12.7





#83

Butylbenzylphthalate

Concen: 31.260 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

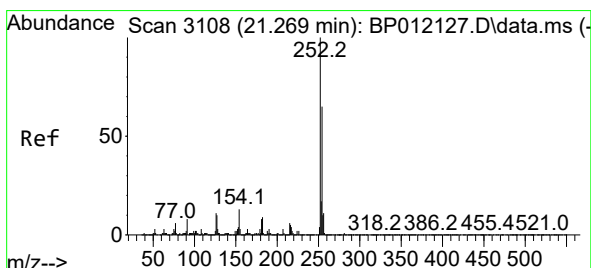
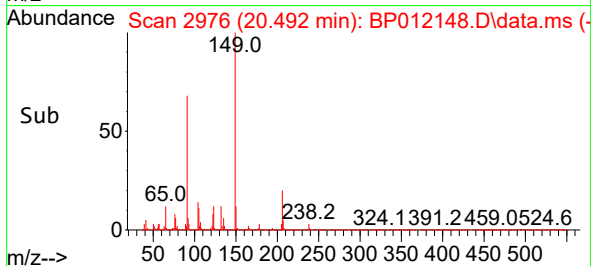
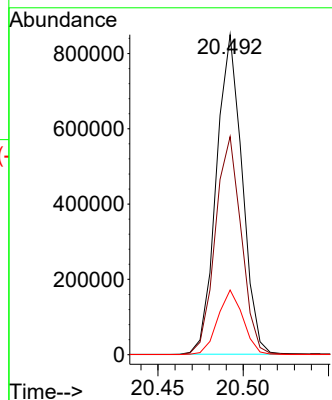
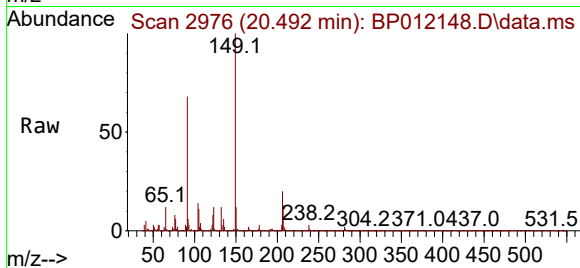
Tgt Ion:149 Resp: 894365

Ion Ratio Lower Upper

149 100

91 68.1 48.5 72.7

206 20.2 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 27.810 ng/ul

RT: 21.263 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

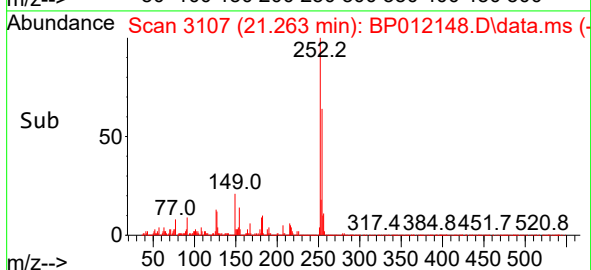
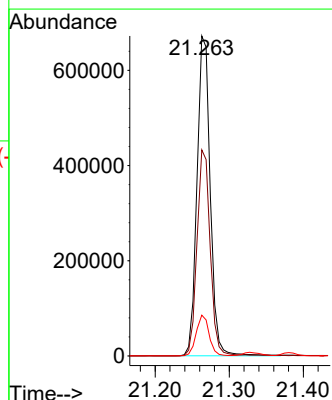
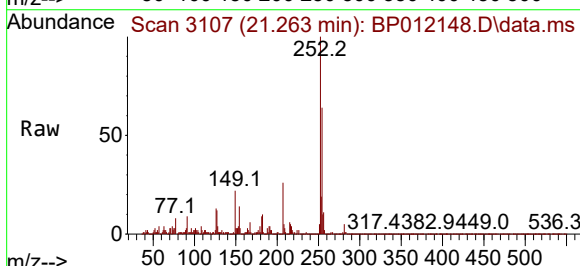
Tgt Ion:252 Resp: 832573

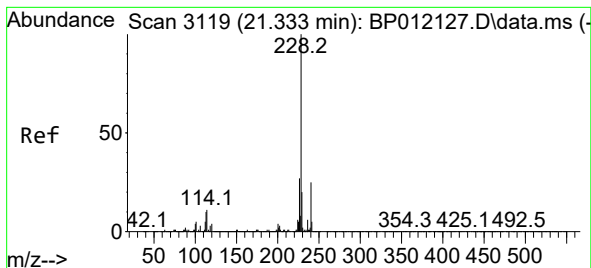
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 12.8 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 28.856 ng/ul

RT: 21.328 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

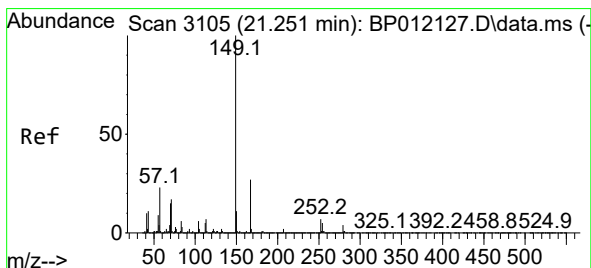
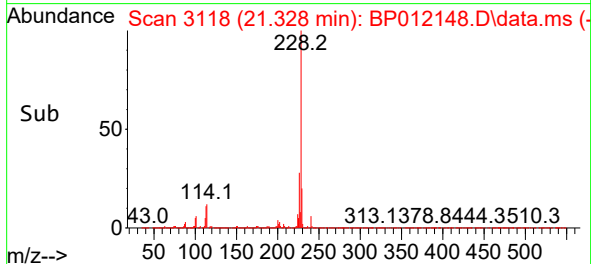
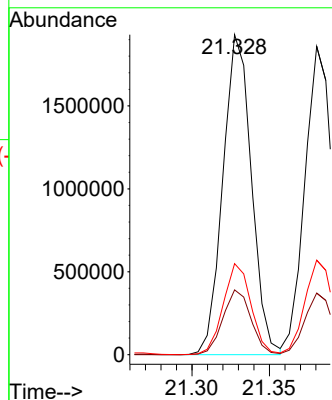
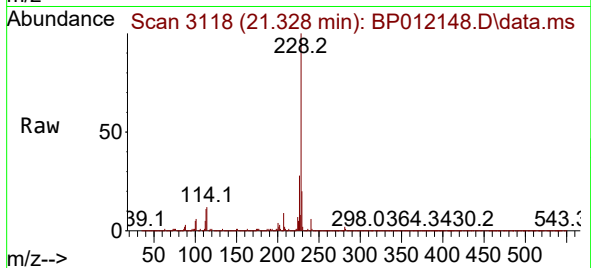
Tgt Ion:228 Resp: 2467624

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 28.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.293 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

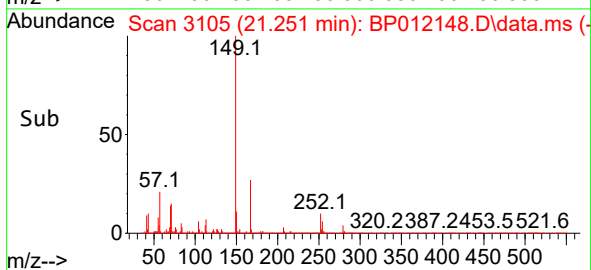
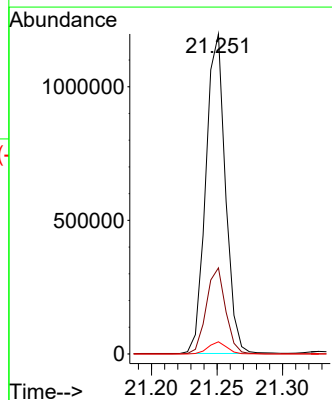
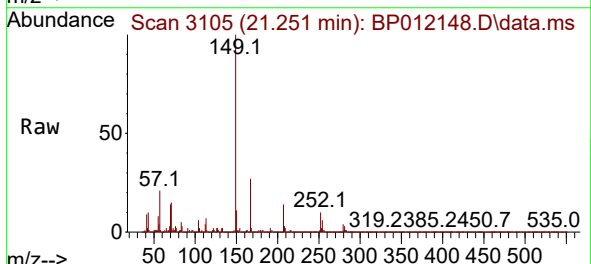
Tgt Ion:149 Resp: 1245542

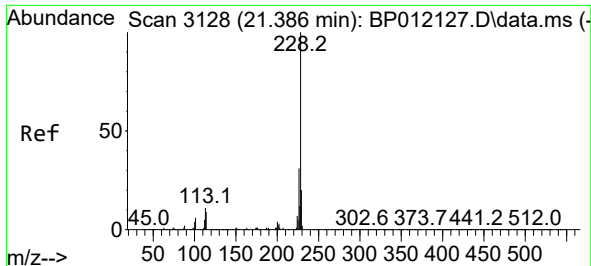
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 3.8 3.4 5.2





#87

Chrysene

Concen: 28.320 ng/ul

RT: 21.380 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

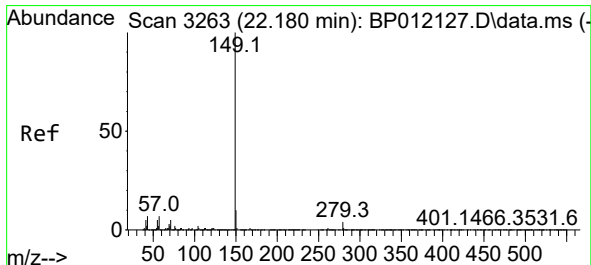
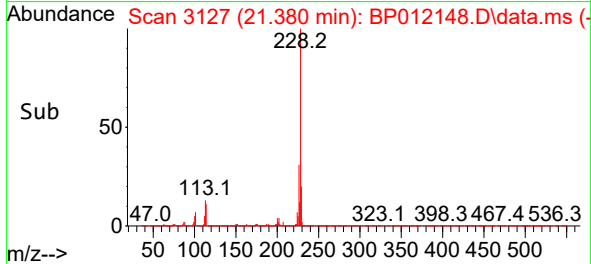
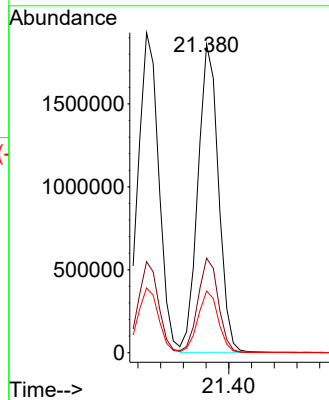
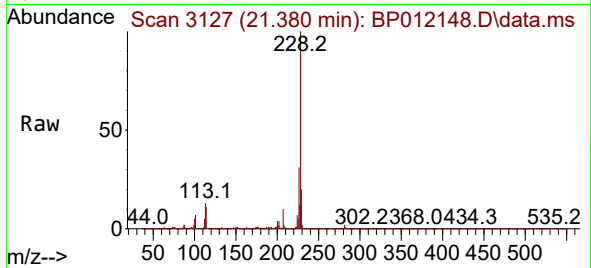
Tgt Ion:228 Resp: 2331117

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.748 ng/ul

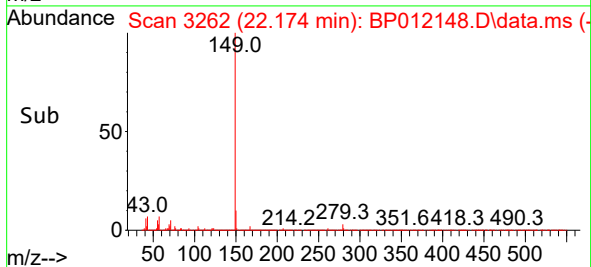
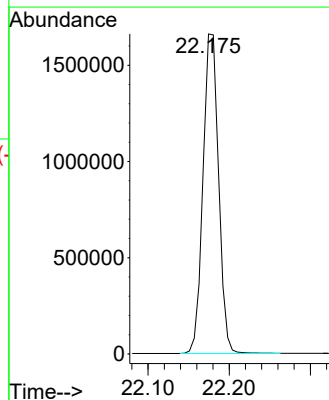
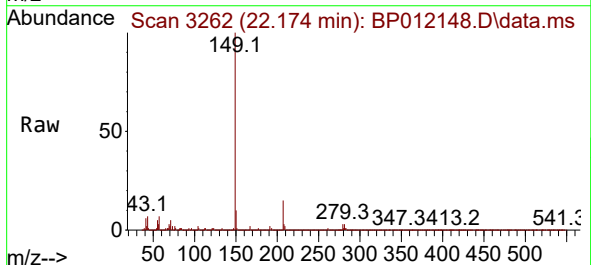
RT: 22.174 min Scan# 3262

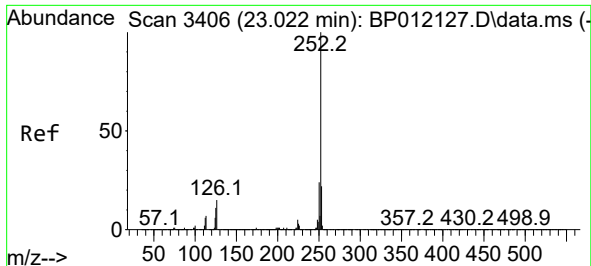
Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Tgt Ion:149 Resp: 2215423

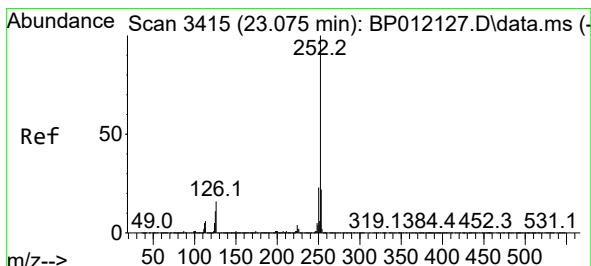
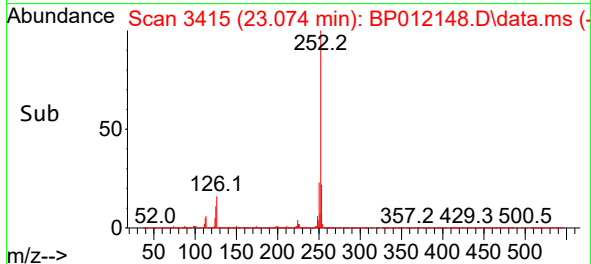
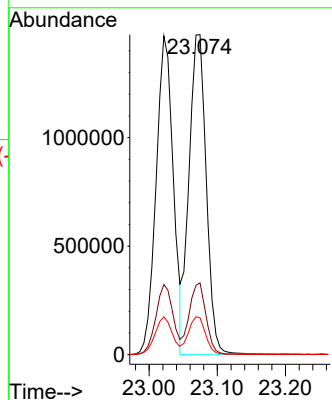
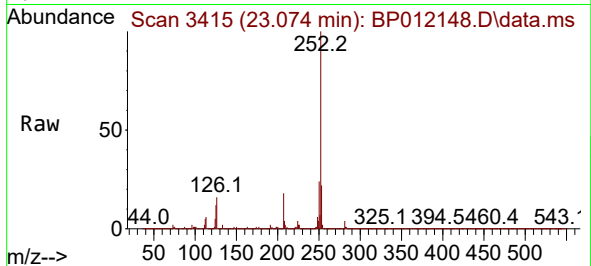




#90
Benzo(b)fluoranthene
Concen: 28.241 ng/ul
RT: 23.074 min Scan# 3415
Delta R.T. 0.047 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

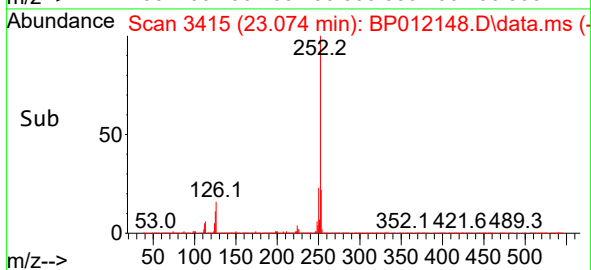
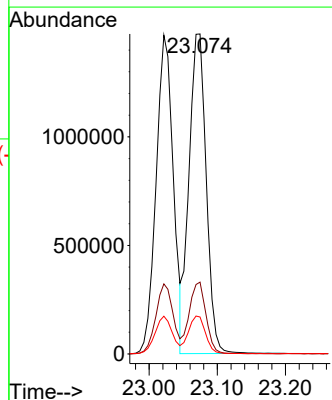
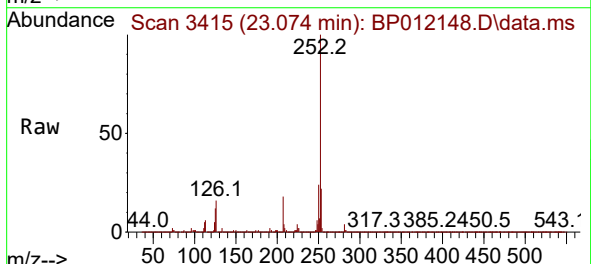
Instrument :
BNA_P
ClientSampleId :

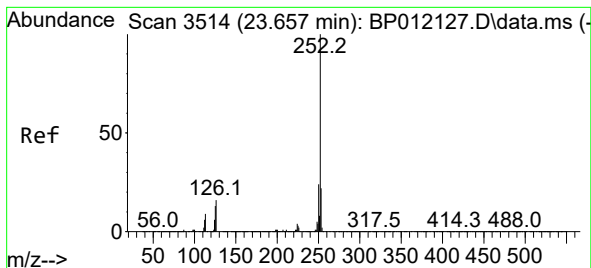
Tgt Ion:252 Resp: 2572658
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.6 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 28.711 ng/ul
RT: 23.074 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BP012148.D
Acq: 14 Oct 2022 21:36

Tgt Ion:252 Resp: 2572658
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.6 8.2 12.2





#93

Benzo(a)pyrene

Concen: 28.707 ng/ul

RT: 23.657 min Scan# 3

Delta R.T. 0.000 min

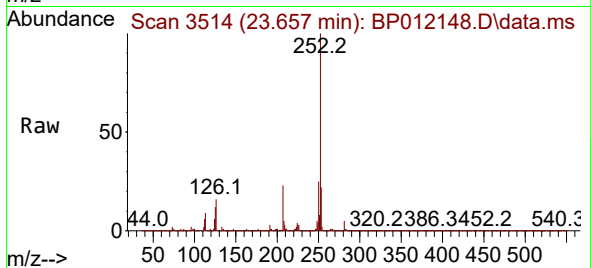
Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :



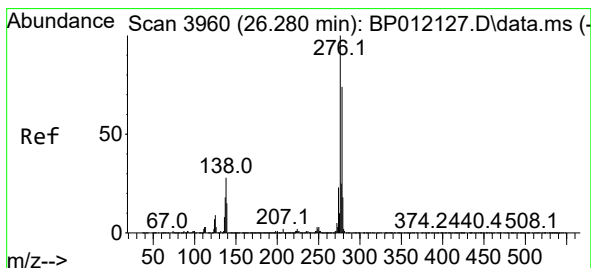
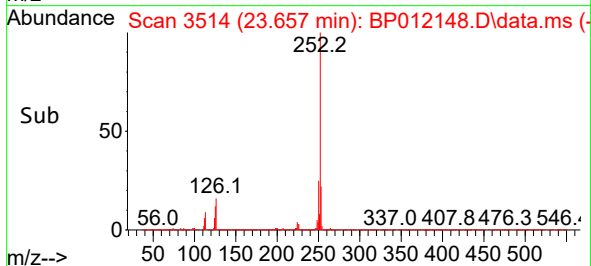
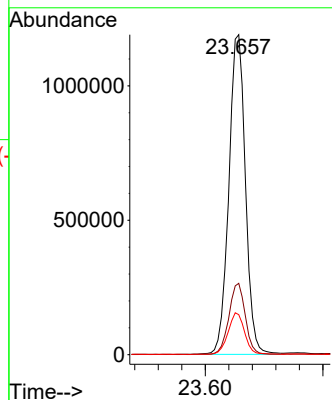
Tgt Ion:252 Resp: 2333045

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.5 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.457 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

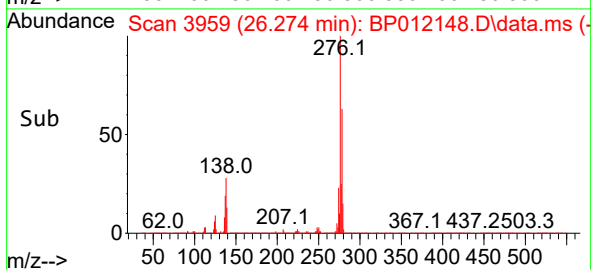
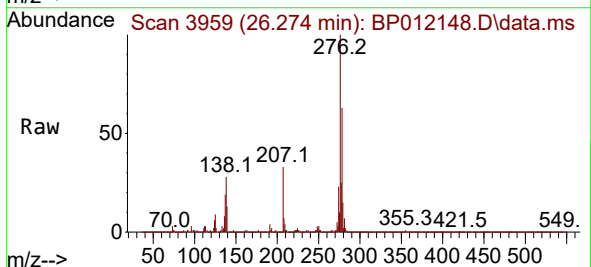
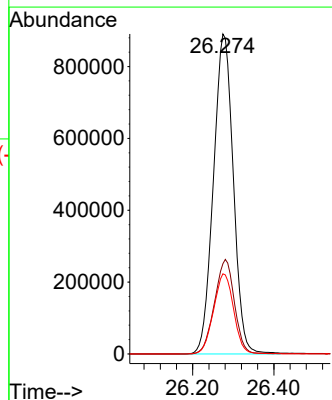
Tgt Ion:276 Resp: 3027072

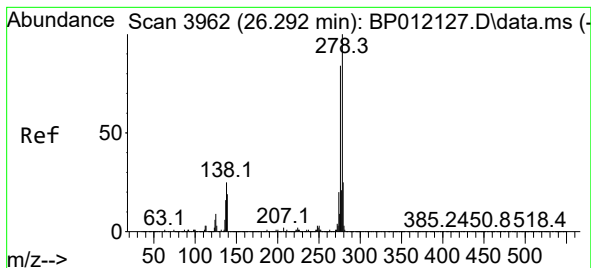
Ion Ratio Lower Upper

276 100

138 28.2 19.1 28.7

277 25.1 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 28.175 ng/ul

RT: 26.292 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Instrument :

BNA_P

ClientSampleId :

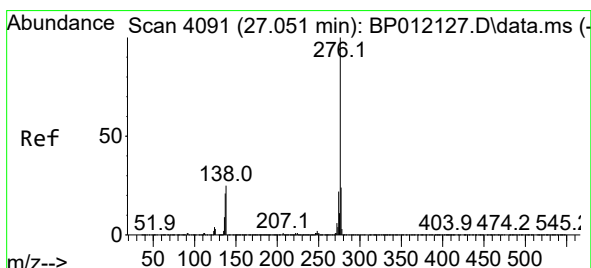
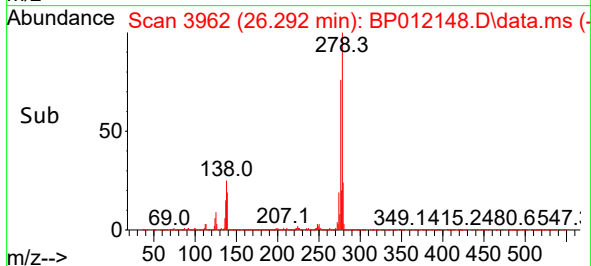
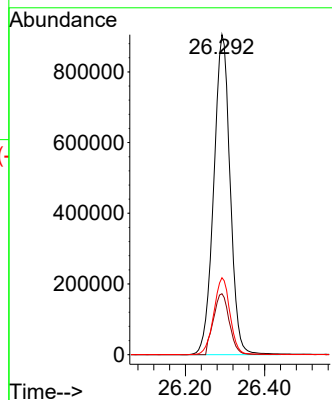
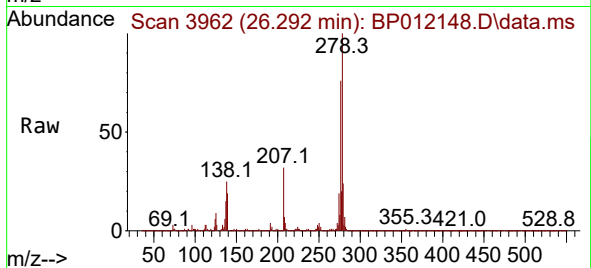
Tgt Ion:278 Resp: 2597478

Ion Ratio Lower Upper

278 100

139 19.0 12.5 18.7#

279 24.0 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 27.259 ng/ul

RT: 27.051 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BP012148.D

Acq: 14 Oct 2022 21:36

Tgt Ion:276 Resp: 2525640

Ion Ratio Lower Upper

276 100

138 24.9 16.5 24.7#

277 23.9 19.0 28.4

