

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012147.D
 Acq On : 14 Oct 2022 21:02
 Operator : CG/JU
 Sample : PB148236BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 23:06:22 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	255333	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.646	136	1074646	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.492	164	592514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1195834	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1309485	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1366305	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23550	3.636	ng/uL	0.00
4) Pyridine-d5	3.693	84	345015	20.032	ng/u1	0.00
7) Phenol-d5	7.010	99	645787	31.448	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	368824	31.642	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	514474	31.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	477628	30.281	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	240514	31.690	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.734	143	247424	32.151	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.269	165	446337	29.926	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.793	131	598792	27.244	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	1100200	29.319	ng/u1	-0.01
49) Acenaphthylene-d8	14.187	160	1408880	30.362	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	245227	33.287	ng/u1	0.00
60) Fluorene-d10	15.486	176	1003847	29.568	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	181956	28.816	ng/u1	0.00
73) Anthracene-d10	17.351	188	1573614	30.304	ng/u1	0.00
81) Pyrene-d10	19.592	212	1909557	28.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	2086121	31.408	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	44894	6.588	ng/uL	90
5) Pyridine	3.711	79	340049	20.607	ng/u1	93
6) Benzaldehyde	6.987	77	369516	38.352	ng/u1	98
8) Phenol	7.040	94	615453	28.548	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.269	93	481399	28.302	ng/u1	97
12) 2-Chlorophenol	7.405	128	504427	28.514	ng/u1	98
13) 2-Methylphenol	8.293	108	446497	27.768	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	512353	29.388	ng/u1	99
16) Acetophenone	8.675	105	682090	28.049	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.657	70	308857	27.886	ng/u1	98
18) 4-Methylphenol	8.622	108	478807	27.627	ng/u1	95
19) Hexachloroethane	8.922	117	201744	29.543	ng/u1	95
22) Nitrobenzene	9.051	77	510401	29.336	ng/u1	98
23) Isophorone	9.581	82	877040	28.419	ng/u1	99
25) 2-Nitrophenol	9.763	139	258054	28.541	ng/u1	98
26) 2,4-Dimethylphenol	9.828	107	453740	25.768	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.063	93	582209	27.492	ng/u1	99
29) 2,4-Dichlorophenol	10.298	162	424032	27.053	ng/u1	98
30) Naphthalene	10.698	128	1516002	26.696	ng/u1	100
32) 4-Chloroaniline	10.816	127	586277	25.873	ng/u1	99
33) Hexachlorobutadiene	10.975	225	245346	25.243	ng/u1	97
34) Caprolactam	11.616	113	84870	19.705	ng/u1	93
35) 4-Chloro-3-methylphenol	11.945	107	414615	27.922	ng/u1	96
36) 2-Methylnaphthalene	12.310	142	947268	25.905	ng/u1	100

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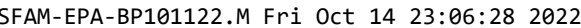
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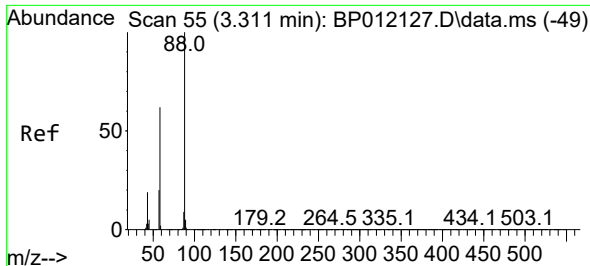
Quant Time: Oct 14 23:06:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	949955	25.941	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	462409	25.530	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	173289	19.698	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	294575	27.000	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	326322	27.520	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	1198865	26.802	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	948109	26.543	ng/ul	98
45) 2-Nitroaniline	13.581	65	232456	30.507	ng/ul	96
47) Dimethylphthalate	13.951	163	1066806	26.983	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	203646	29.094	ng/ul	96
50) Acenaphthylene	14.216	152	1468162	27.963	ng/ul	100
51) 3-Nitroaniline	14.410	138	246596	30.255	ng/ul	99
52) Acenaphthene	14.557	153	1004356	26.871	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	109507	24.217	ng/ul	94
55) 4-Nitrophenol	14.722	109	157995	31.021	ng/ul	97
56) Dibenzofuran	14.892	168	1362668	26.976	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	316385	31.450	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.122	232	261833	28.330	ng/ul	99
59) Diethylphthalate	15.322	149	1026858	28.360	ng/ul	100
61) Fluorene	15.545	166	1097911	27.688	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	503600	26.253	ng/ul	99
63) 4-Nitroaniline	15.575	138	266208	35.770	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	183506	26.882	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	905842	25.592	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	288237	24.770	ng/ul	98
69) Hexachlorobenzene	16.551	284	337819	25.012	ng/ul	99
70) Atrazine	16.716	200	276851	25.436	ng/ul	98
71) Pentachlorophenol	16.904	266	217324	27.464	ng/ul	97
72) Phenanthrene	17.292	178	1770206	27.220	ng/ul	100
74) Anthracene	17.386	178	1760910	27.362	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	475775	24.621	ng/ul	98
76) Pentachlorobenzene	14.810	250	417801	22.015	ng/ul	99
77) Carbazole	17.663	167	1700932	29.633	ng/ul	100
78) Di-n-butylphthalate	18.210	149	1668218	29.287	ng/ul	99
80) Fluoranthene	19.263	202	2135318	25.976	ng/ul	96
82) Pyrene	19.616	202	2276464	26.168	ng/ul	95
83) Butylbenzylphthalate	20.492	149	831437	30.150	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.263	252	764129	26.481	ng/ul#	98
85) Benzo(a)anthracene	21.327	228	2342773	28.423	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	1163276	31.291	ng/ul	99
87) Chrysene	21.380	228	2188019	27.578	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	2070782	30.273	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	2445986	28.282	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	2417837	28.422	ng/ul	98
93) Benzo(a)pyrene	23.657	252	2184201	28.308	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	2870217	29.420	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.292	278	2469257	28.212	ng/ul#	97
96) Benzo(g,h,i)perylene	27.051	276	2390551	27.177	ng/ul#	95

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

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Response via : Initial Calibration

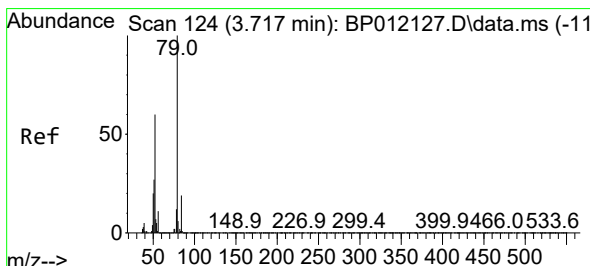
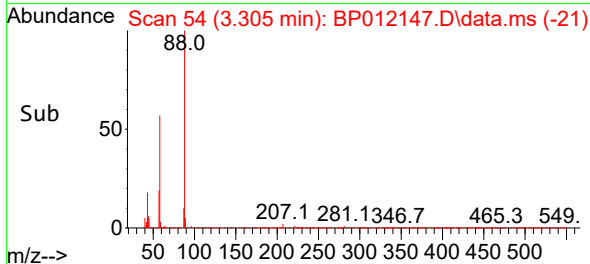
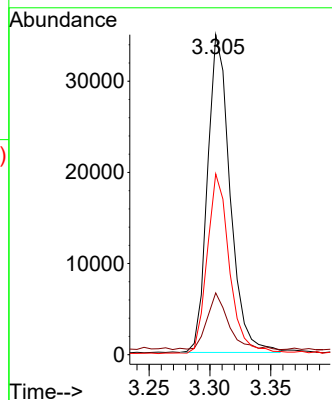
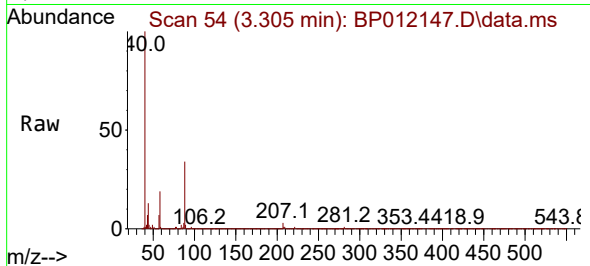




#2
1,4-Dioxane
Concen: 6.588 ng/uL
RT: 3.305 min Scan# 54
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

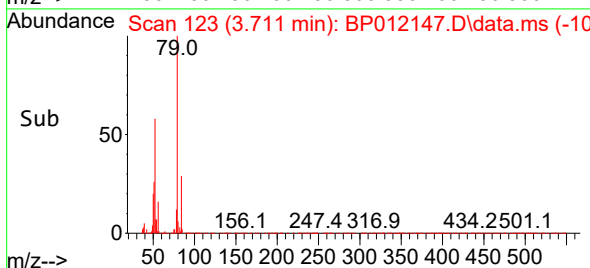
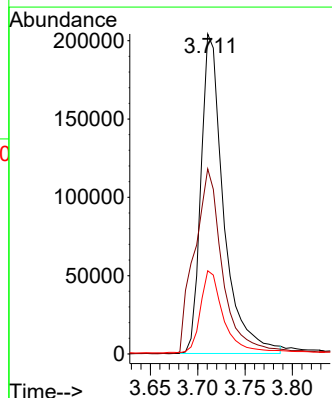
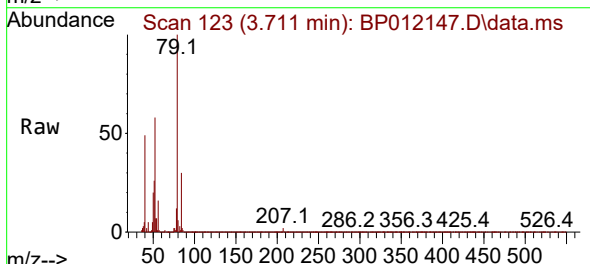
Instrument :
BNA_P
ClientSampleId :

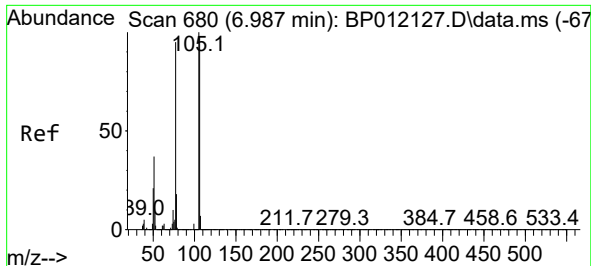
Tgt Ion: 88 Resp: 44894
Ion Ratio Lower Upper
88 100
43 19.3 16.6 25.0
58 56.5 52.6 79.0



#5
Pyridine
Concen: 20.607 ng/uL
RT: 3.711 min Scan# 123
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion: 79 Resp: 340049
Ion Ratio Lower Upper
79 100
52 57.8 51.2 76.8
51 26.0 22.8 34.2

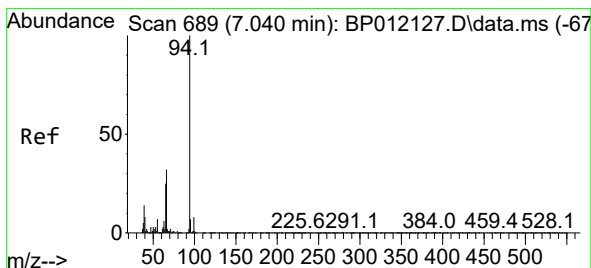
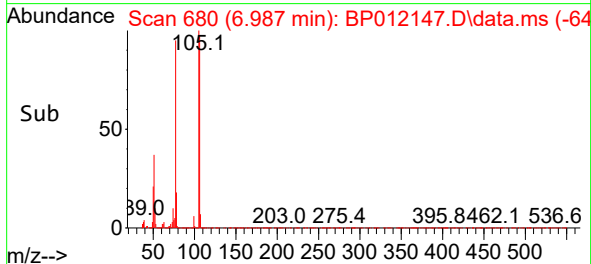
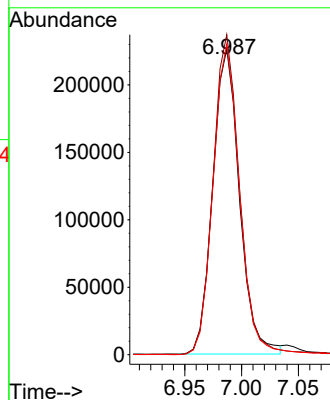
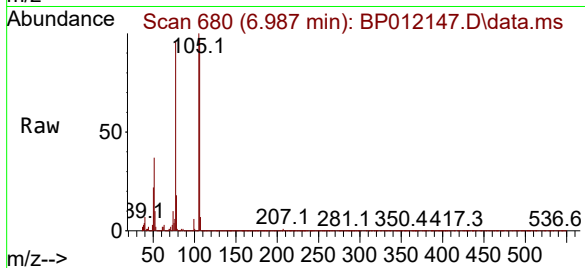




#6
Benzaldehyde
Concen: 38.352 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

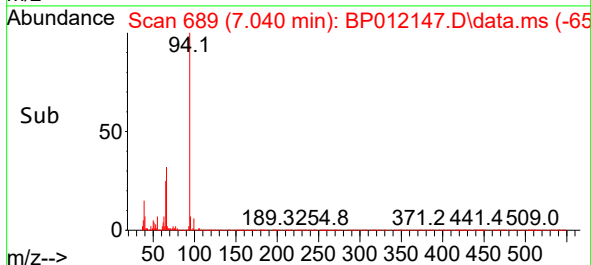
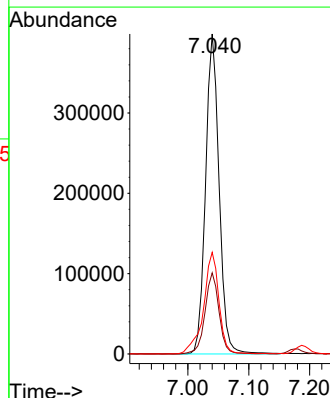
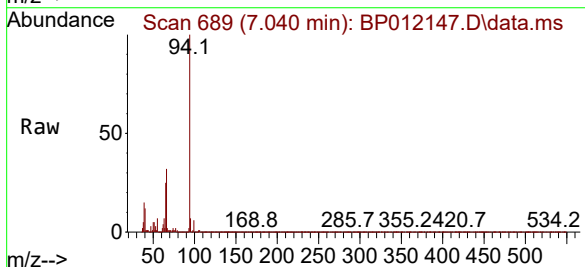
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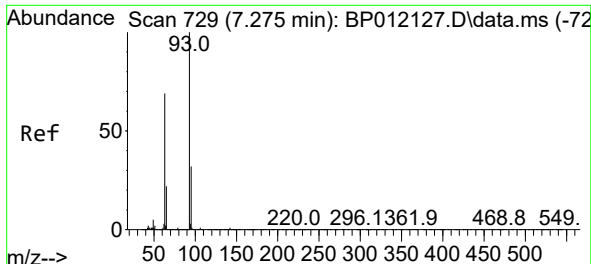
Tgt Ion: 77 Resp: 369516
Ion Ratio Lower Upper
77 100
105 104.6 85.2 127.8
106 101.5 83.1 124.7



#8
Phenol
Concen: 28.548 ng/ul
RT: 7.040 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

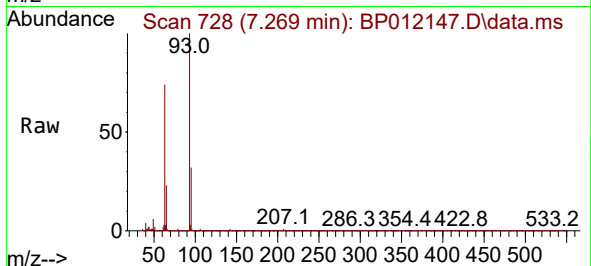
Tgt Ion: 94 Resp: 615453
Ion Ratio Lower Upper
94 100
65 25.4 19.4 29.0
66 31.8 24.6 37.0



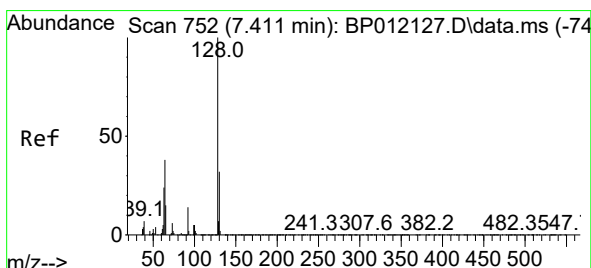
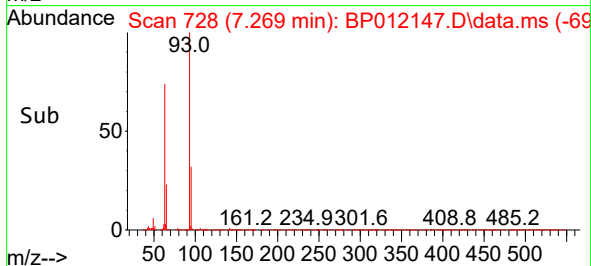
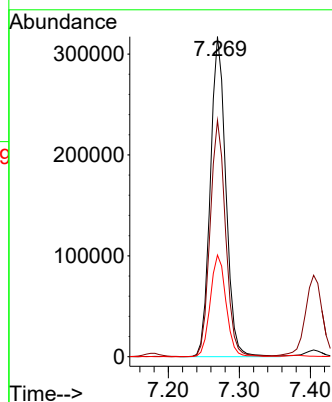


#10
Bis(2-Chloroethyl)ether
Concen: 28.302 ng/ul
RT: 7.269 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Instrument :
BNA_P
ClientSampleId :

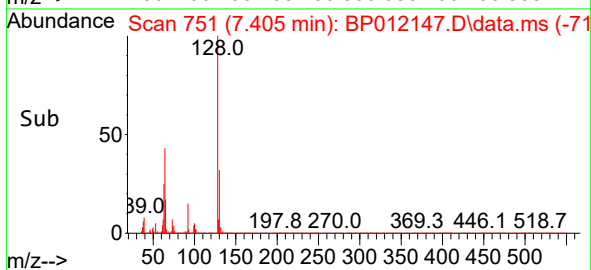
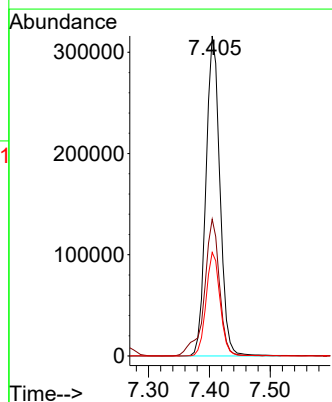
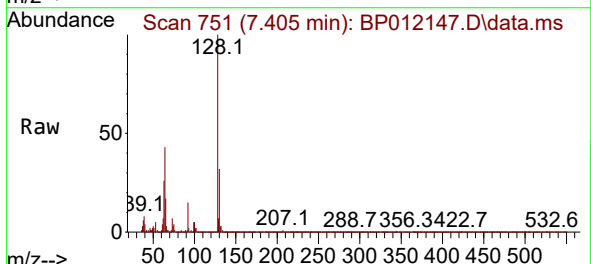


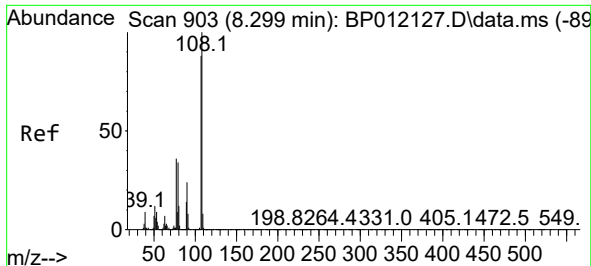
Tgt Ion: 93 Resp: 481399
Ion Ratio Lower Upper
93 100
63 73.9 56.7 85.1
95 31.8 26.2 39.2



#12
2-Chlorophenol
Concen: 28.514 ng/ul
RT: 7.405 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:128 Resp: 504427
Ion Ratio Lower Upper
128 100
64 42.8 32.7 49.1
130 32.4 26.3 39.5





#13

2-Methylphenol

Concen: 27.768 ng/ul

RT: 8.293 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

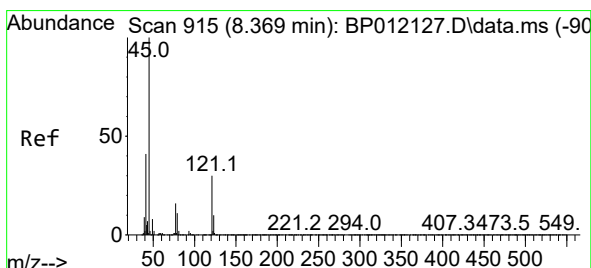
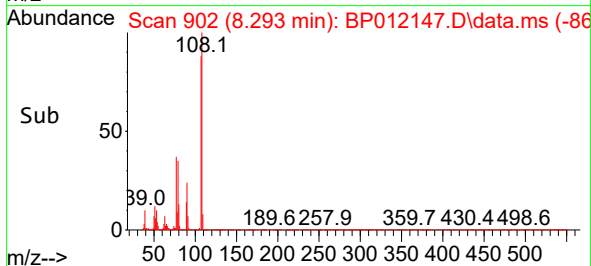
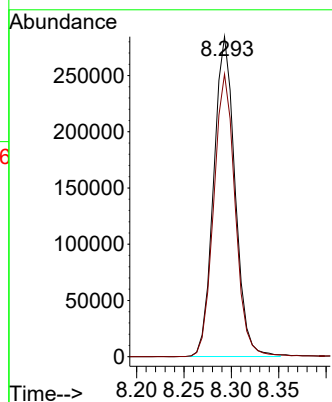
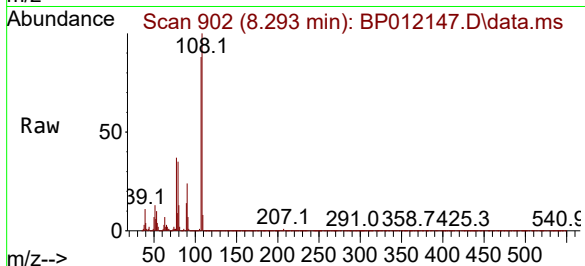
ClientSampleId :

Tgt Ion:108 Resp: 446497

Ion Ratio Lower Upper

108 100

107 88.3 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.388 ng/ul

RT: 8.381 min Scan# 917

Delta R.T. -0.000 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

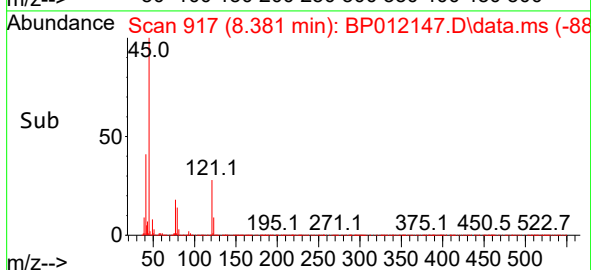
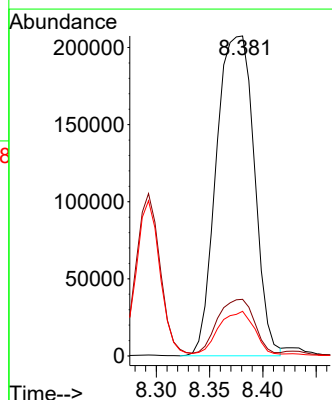
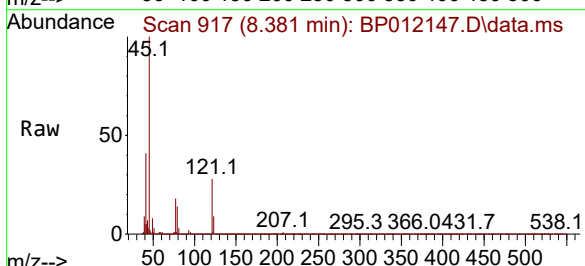
Tgt Ion: 45 Resp: 512353

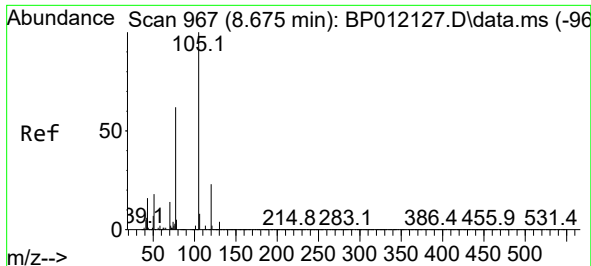
Ion Ratio Lower Upper

45 100

77 17.7 14.4 21.6

79 13.9 11.3 16.9

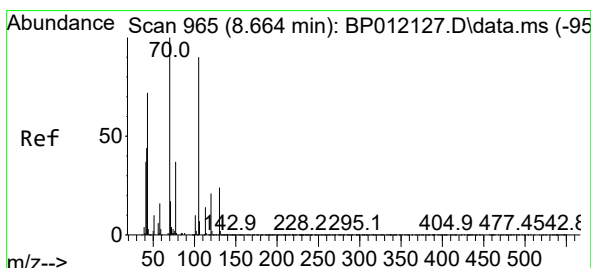
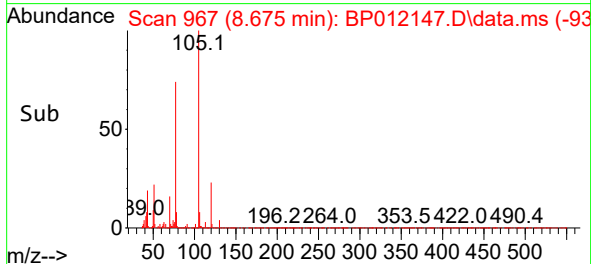
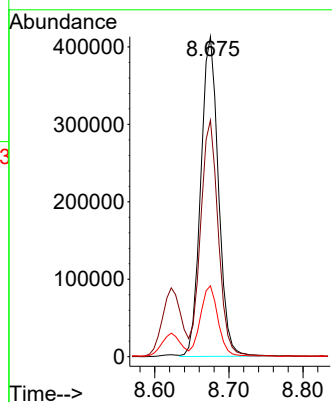
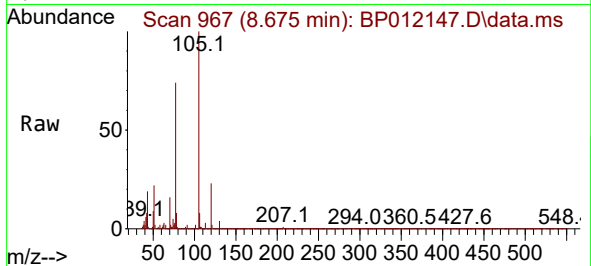




#16
Acetophenone
Concen: 28.049 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. -0.006 min
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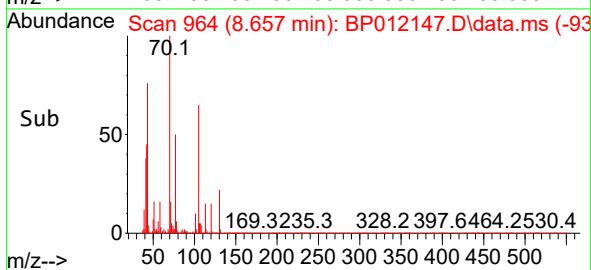
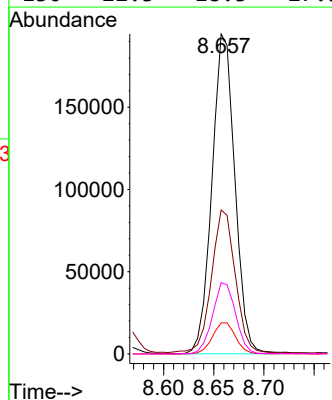
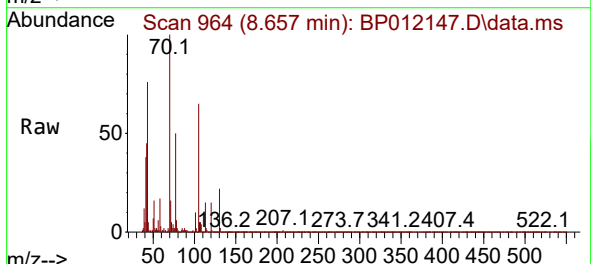
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BNA_P
ClientSampleId :

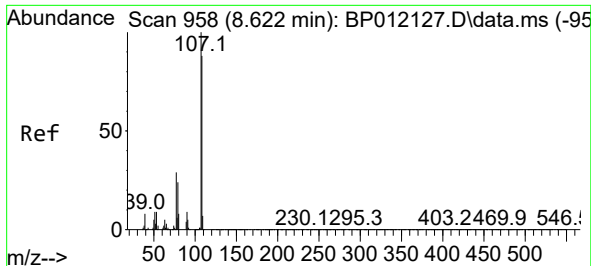
Tgt Ion:105 Resp: 682090
Ion Ratio Lower Upper
105 100
77 73.9 57.0 85.4
51 22.2 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.886 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion: 70 Resp: 308857
Ion Ratio Lower Upper
70 100
42 45.0 34.6 52.0
101 9.7 8.0 12.0
130 22.3 18.3 27.5

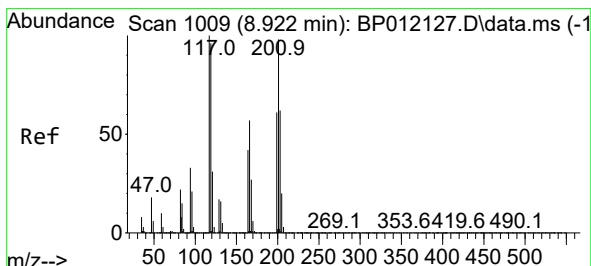
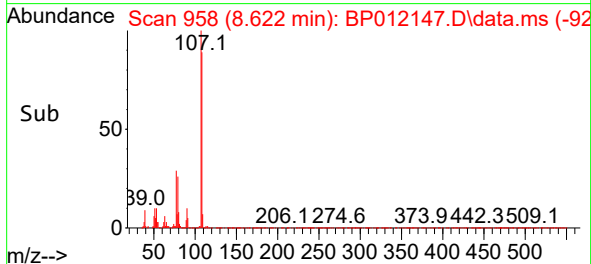
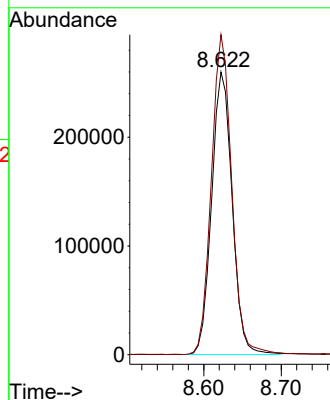
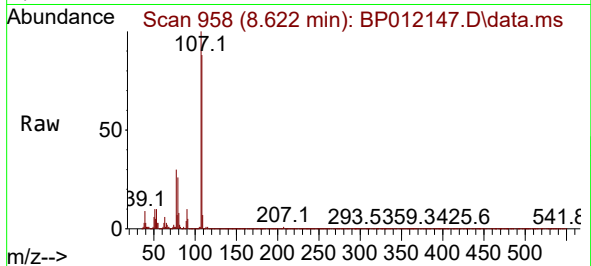




#18
4-Methylphenol
Concen: 27.627 ng/ul
RT: 8.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

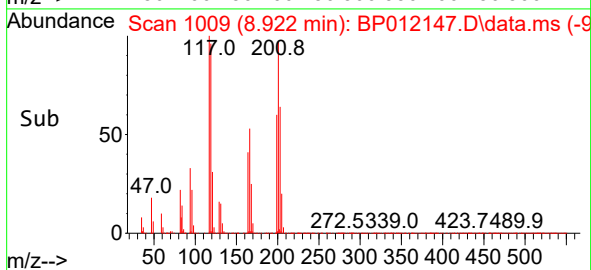
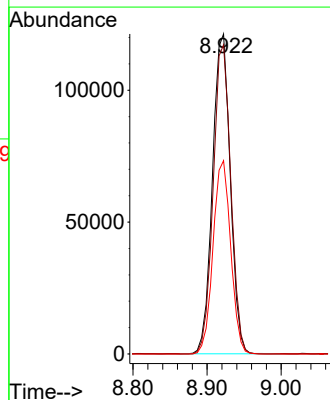
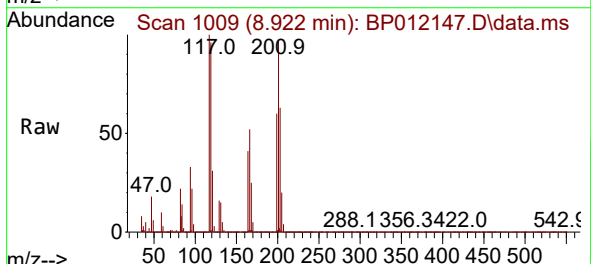
Instrument :
BNA_P
ClientSampleId :

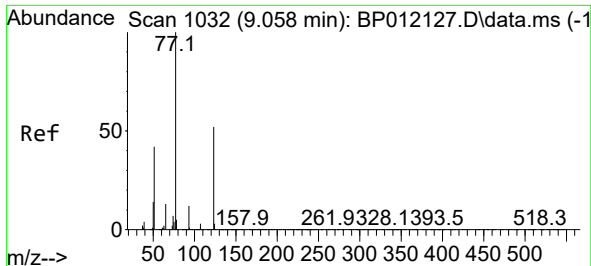
Tgt Ion:108 Resp: 478807
Ion Ratio Lower Upper
108 100
107 113.2 86.3 129.5



#19
Hexachloroethane
Concen: 29.543 ng/ul
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:117 Resp: 201744
Ion Ratio Lower Upper
117 100
201 96.6 82.3 123.5
199 60.4 50.0 75.0

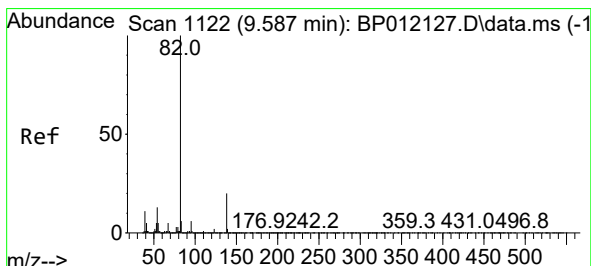
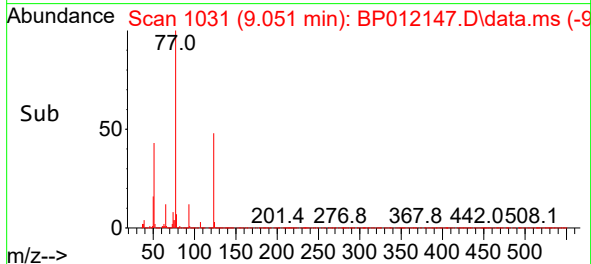
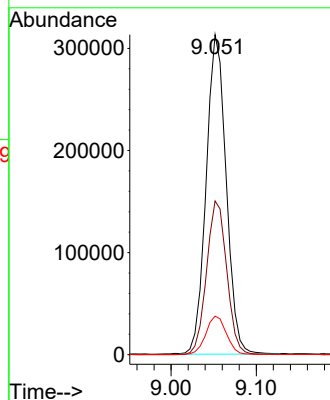
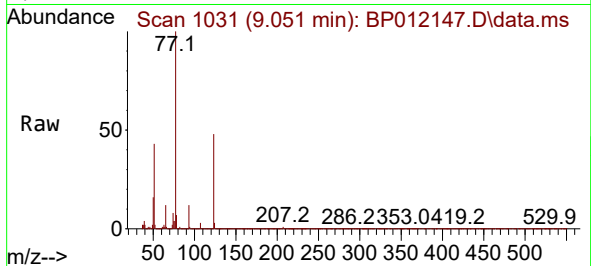




#22
Nitrobenzene
Concen: 29.336 ng/ul
RT: 9.051 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

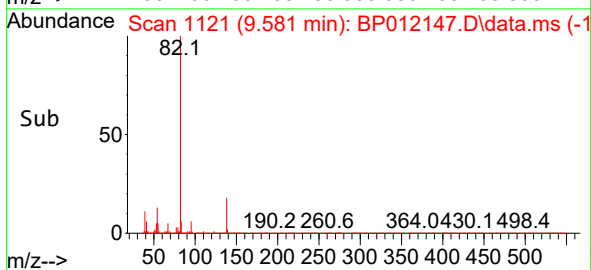
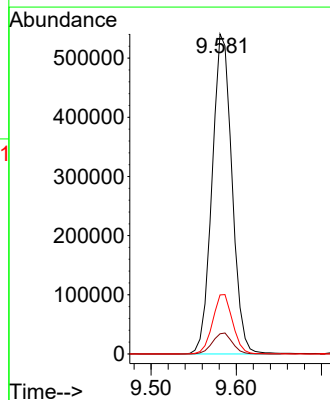
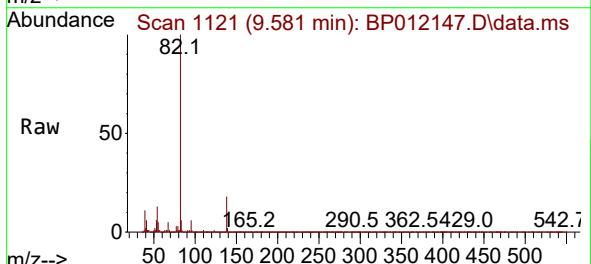
Instrument :
BNA_P
ClientSampleId :

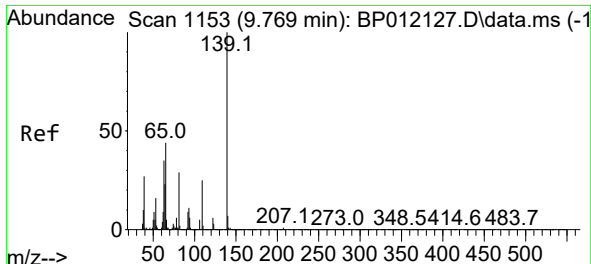
Tgt Ion: 77 Resp: 510401
Ion Ratio Lower Upper
77 100
123 48.0 39.4 59.0
65 12.1 9.9 14.9



#23
Isophorone
Concen: 28.419 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion: 82 Resp: 877040
Ion Ratio Lower Upper
82 100
95 6.3 5.4 8.0
138 18.5 15.2 22.8

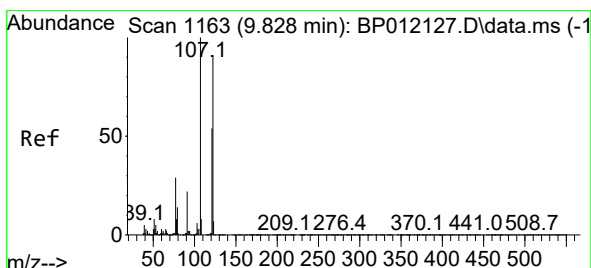
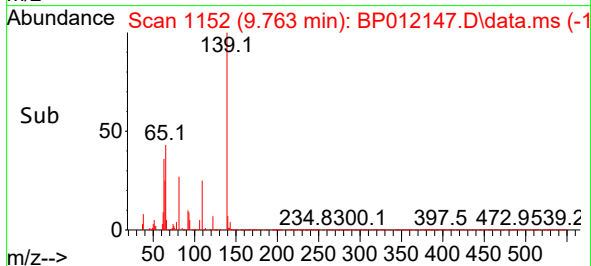
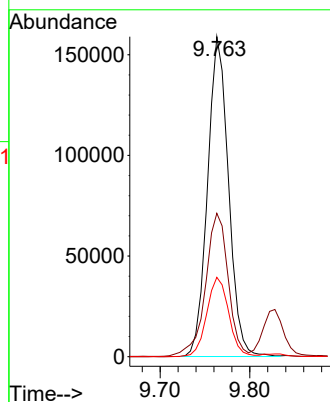
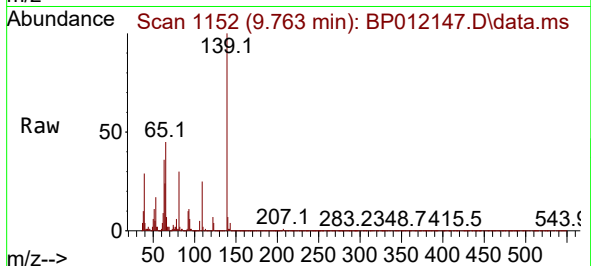




#25
2-Nitrophenol
Concen: 28.541 ng/ul
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

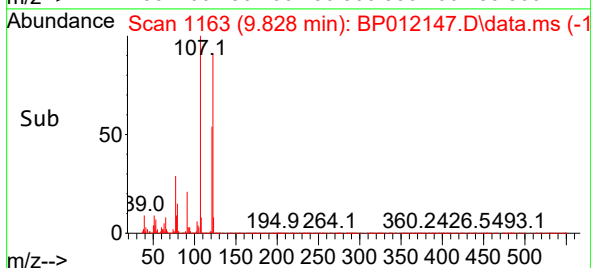
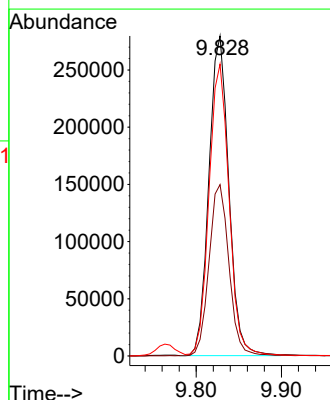
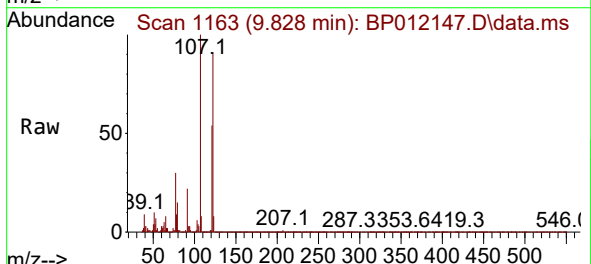
Instrument :
BNA_P
ClientSampleId :

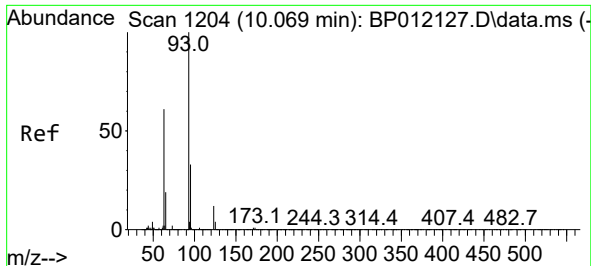
Tgt Ion:139 Resp: 258054
Ion Ratio Lower Upper
139 100
65 44.8 36.3 54.5
109 24.8 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 25.768 ng/ul
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:107 Resp: 453740
Ion Ratio Lower Upper
107 100
121 53.6 43.0 64.4
122 91.2 71.4 107.2

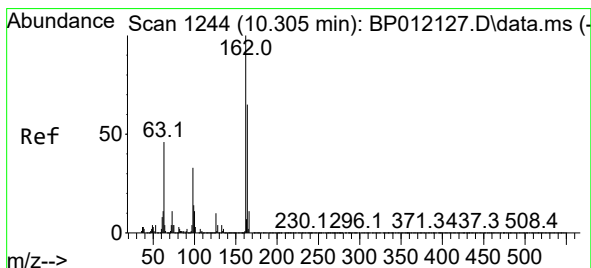
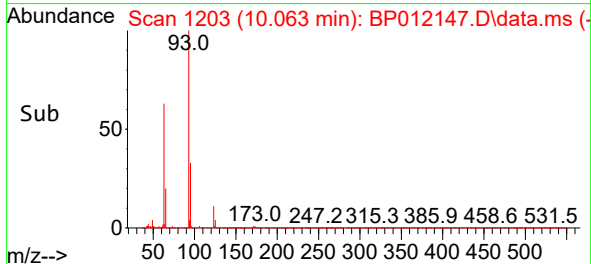
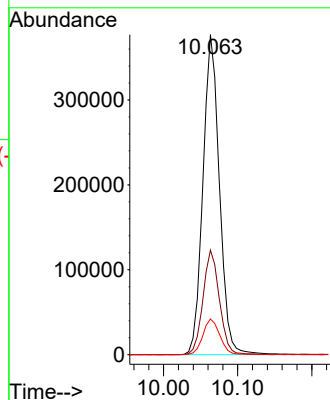
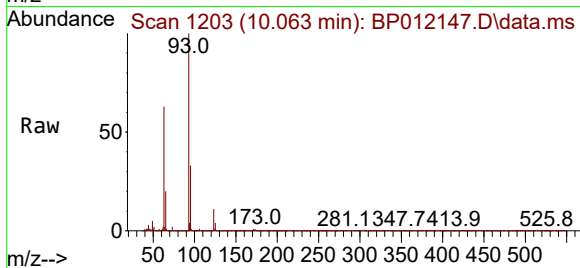




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.492 ng/ul
 RT: 10.063 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP012147.D
 Acq: 14 Oct 2022 21:02

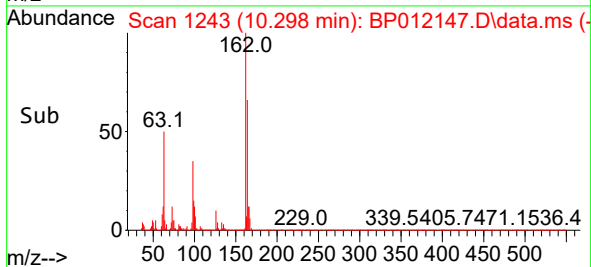
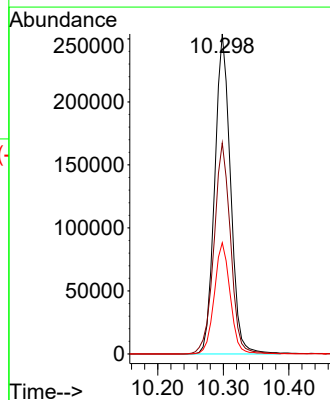
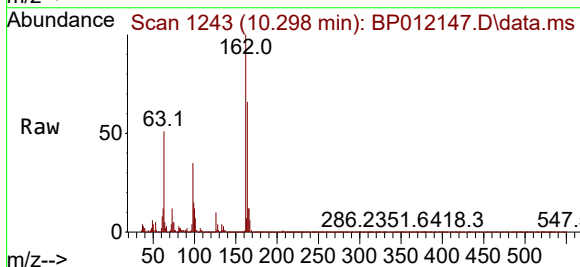
Instrument :
 BNA_P
 ClientSampleId :

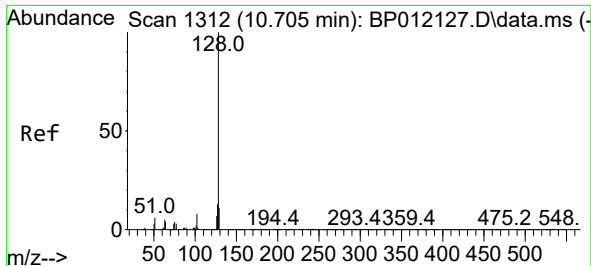
Tgt Ion: 93 Resp: 582209
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.7 38.5
 123 11.1 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 27.053 ng/ul
 RT: 10.298 min Scan# 1243
 Delta R.T. -0.012 min
 Lab File: BP012147.D
 Acq: 14 Oct 2022 21:02

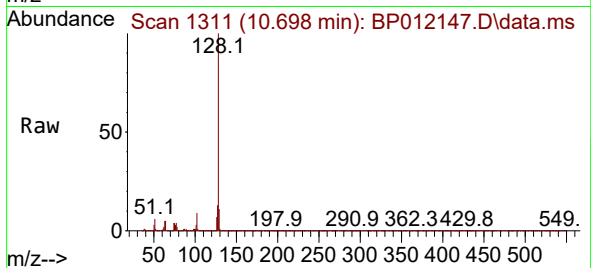
Tgt Ion:162 Resp: 424032
 Ion Ratio Lower Upper
 162 100
 164 65.9 51.5 77.3
 98 34.8 26.3 39.5



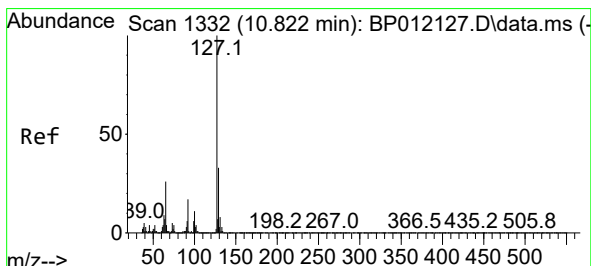
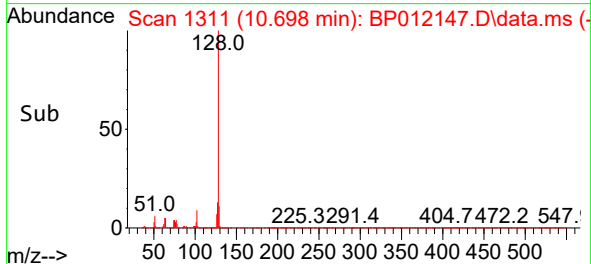
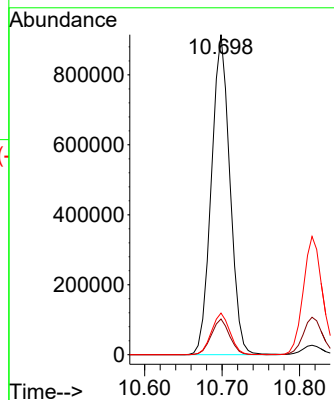


#30
Naphthalene
Concen: 26.696 ng/ul
RT: 10.698 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Instrument :
BNA_P
ClientSampleId :

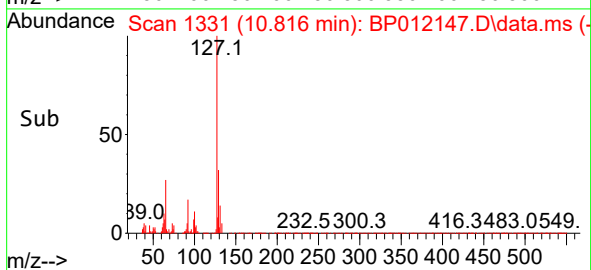
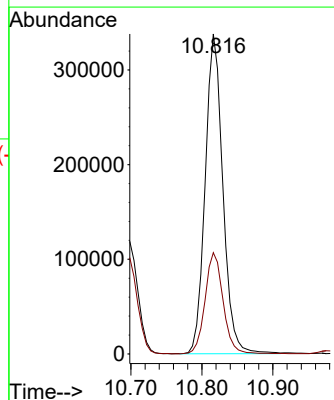
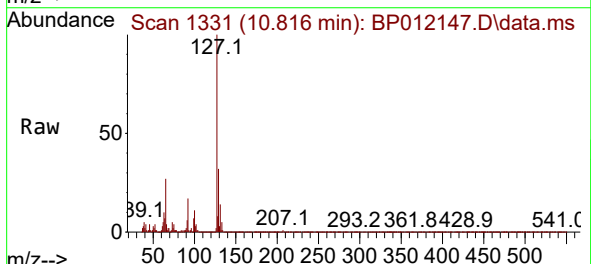


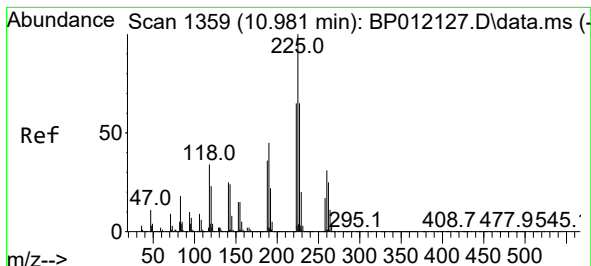
Tgt Ion:128 Resp: 1516002
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 25.873 ng/ul
RT: 10.816 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:127 Resp: 586277
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4





#33

Hexachlorobutadiene

Concen: 25.243 ng/ul

RT: 10.975 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

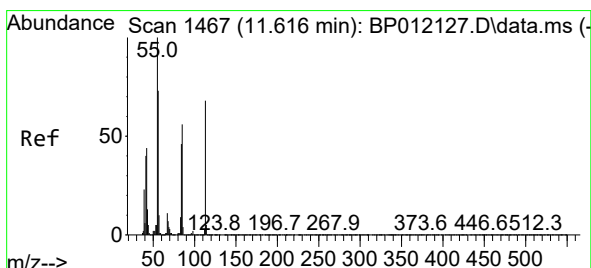
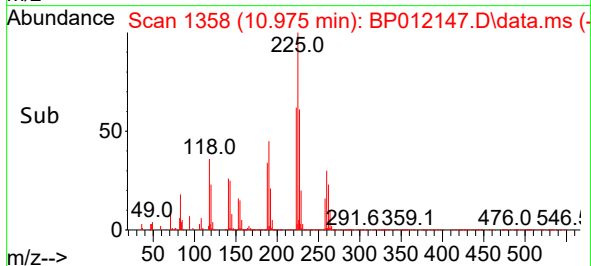
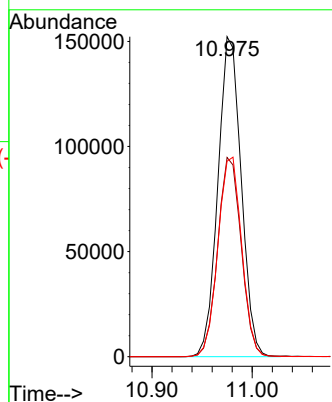
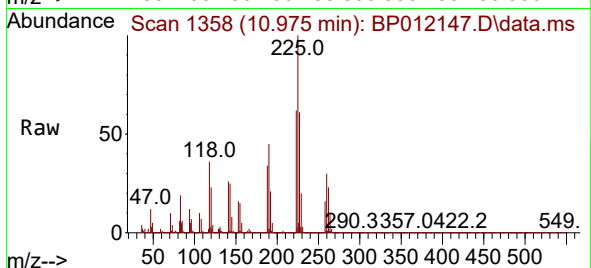
Tgt Ion:225 Resp: 245346

Ion Ratio Lower Upper

225 100

223 62.2 50.9 76.3

227 61.1 51.1 76.7



#34

Caprolactam

Concen: 19.705 ng/ul

RT: 11.616 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

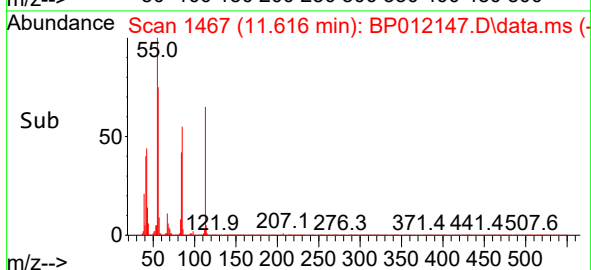
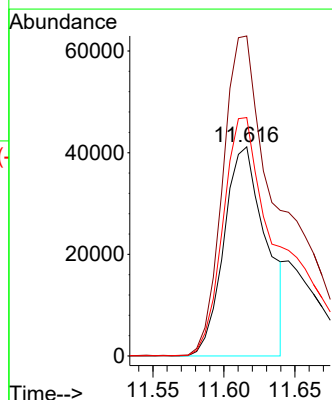
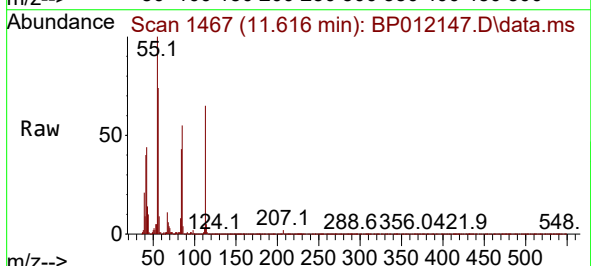
Tgt Ion:113 Resp: 84870

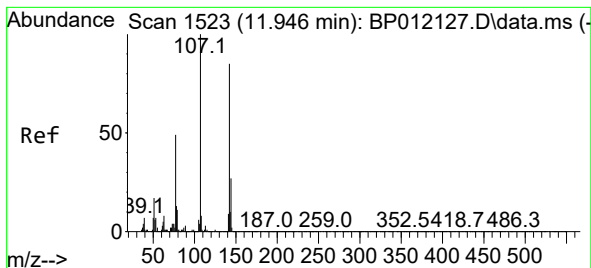
Ion Ratio Lower Upper

113 100

55 153.0 115.2 172.8

56 114.0 85.6 128.4

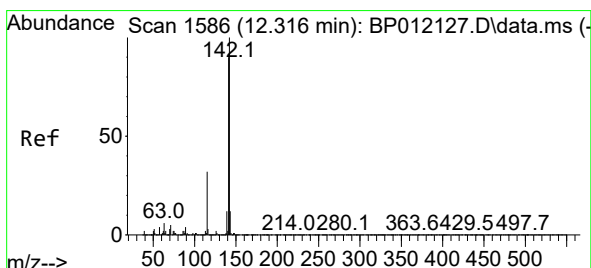
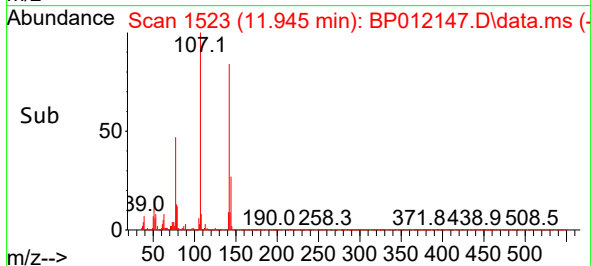
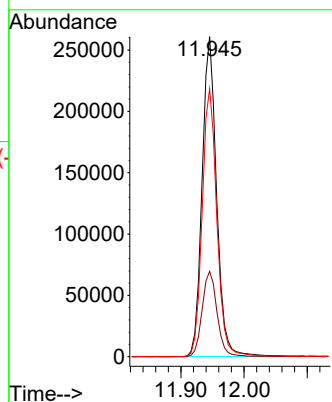
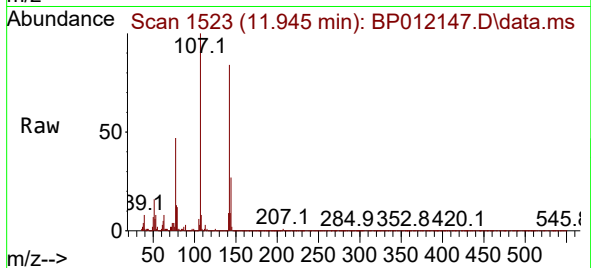




#35
4-Chloro-3-methylphenol
Concen: 27.922 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

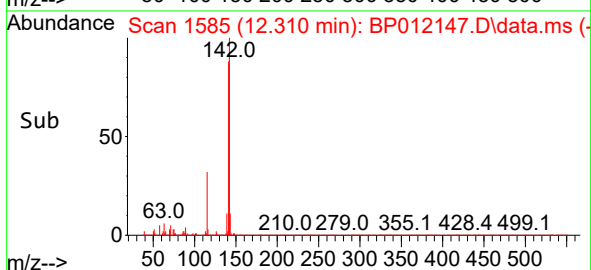
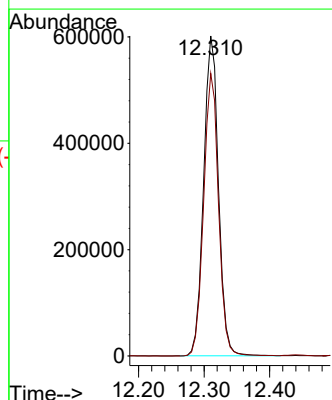
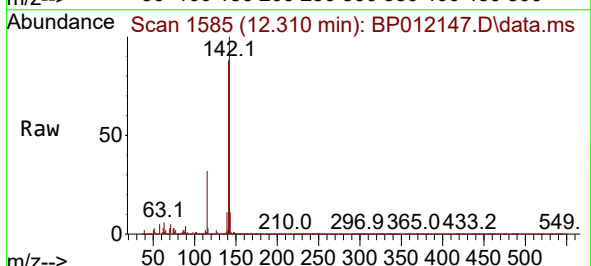
Instrument :
BNA_P
ClientSampleId :

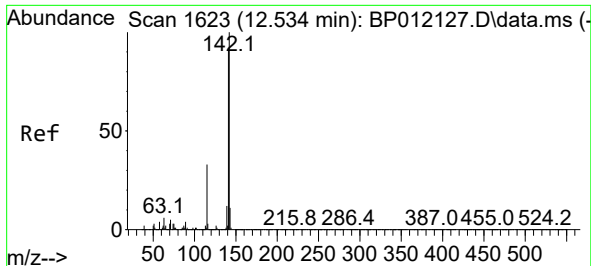
Tgt Ion:107 Resp: 414615
Ion Ratio Lower Upper
107 100
144 26.6 23.0 34.4
142 83.8 69.8 104.8



#36
2-Methylnaphthalene
Concen: 25.905 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:142 Resp: 947268
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1

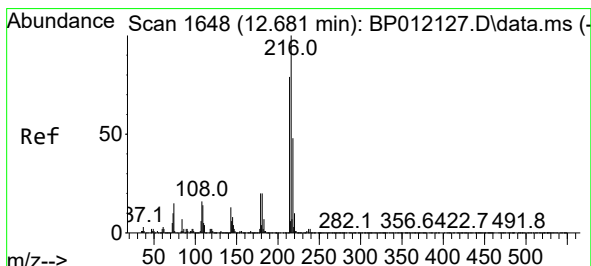
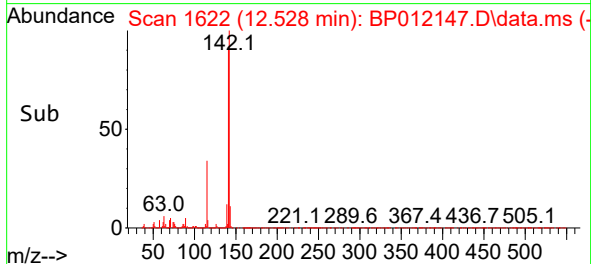
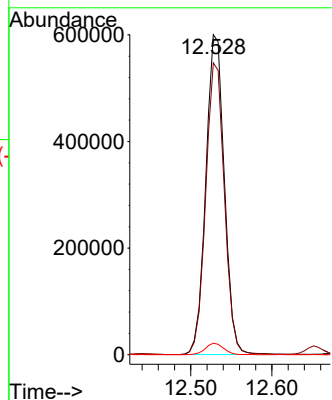
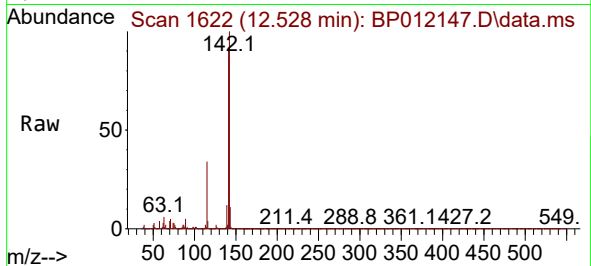




#37
1-Methylnaphthalene
Concen: 25.941 ng/ul
RT: 12.528 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

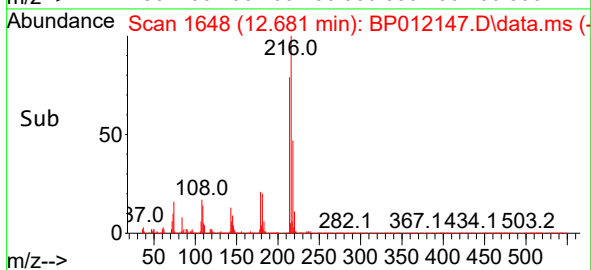
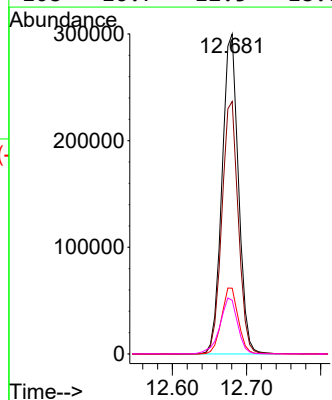
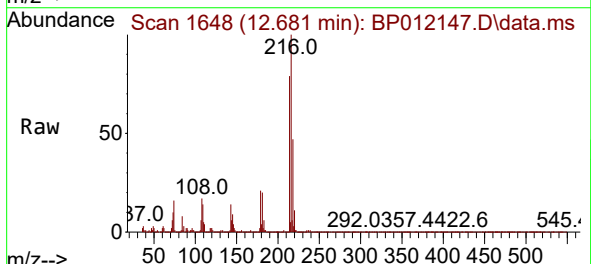
Instrument :
BNA_P
ClientSampleId :

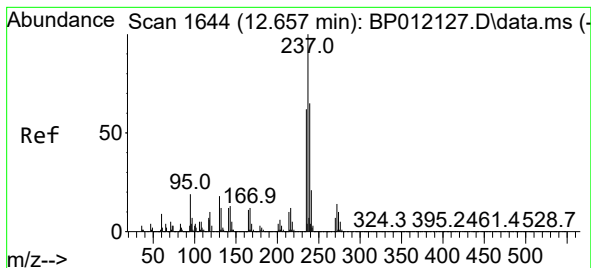
Tgt Ion:142 Resp: 949955
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.6 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.530 ng/ul
RT: 12.681 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:216 Resp: 462409
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.5 16.3 24.5
108 16.7 12.5 18.7





#40

Hexachlorocyclopentadiene

Concen: 19.698 ng/ul

RT: 12.651 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

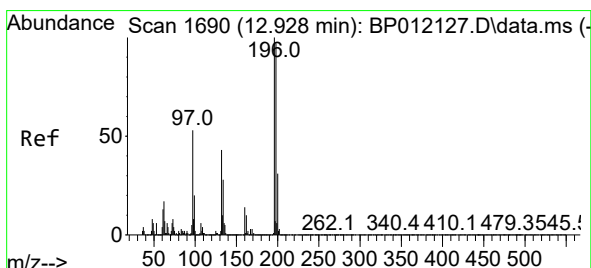
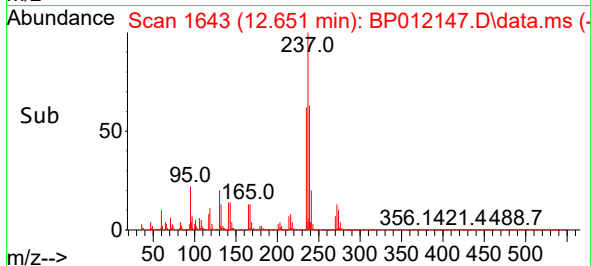
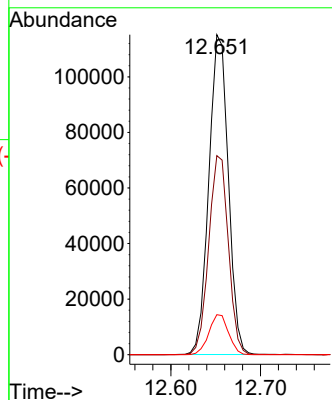
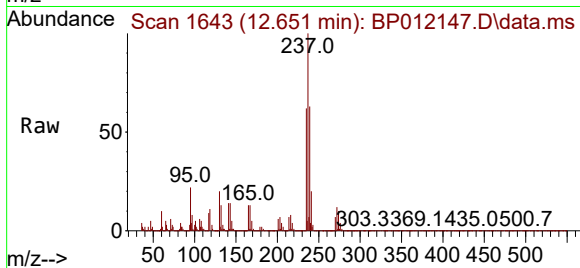
Tgt Ion:237 Resp: 173289

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: 27.000 ng/ul

RT: 12.922 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

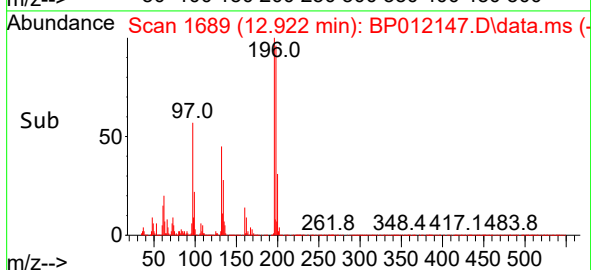
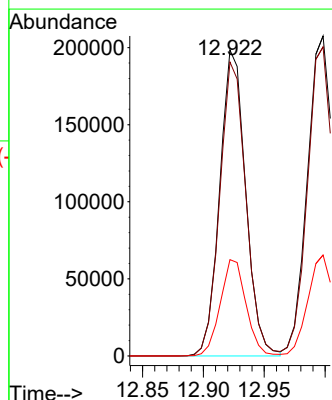
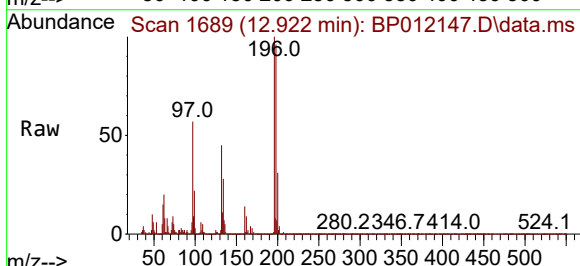
Tgt Ion:196 Resp: 294575

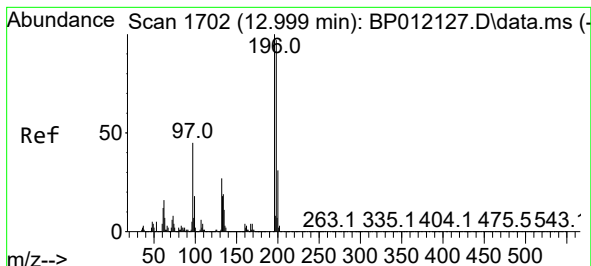
Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.2

200 31.5 24.2 36.2





#42

2,4,5-Trichlorophenol

Concen: 27.520 ng/ul

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

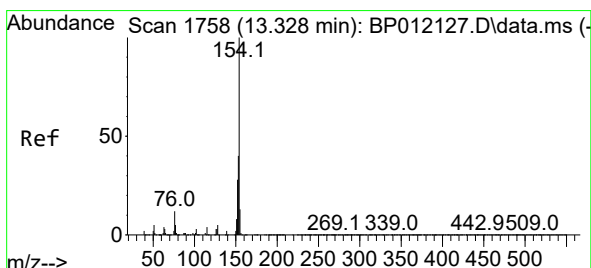
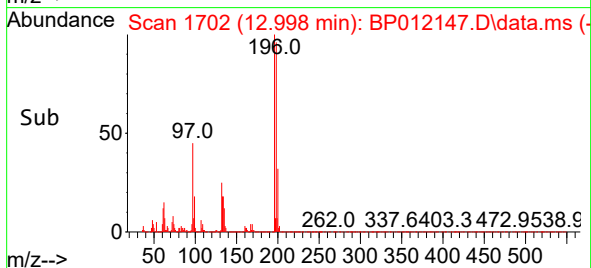
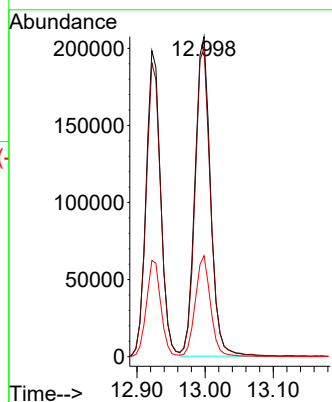
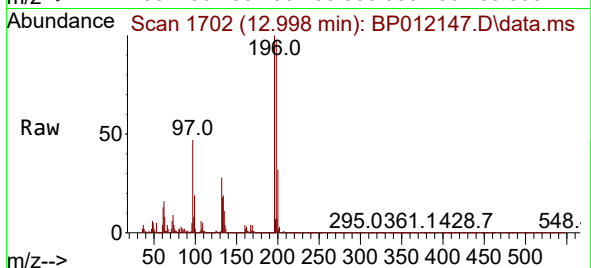
Tgt Ion:196 Resp: 326322

Ion Ratio Lower Upper

196 100

198 96.6 75.4 113.2

200 31.6 24.8 37.2



#43

1,1'-Biphenyl

Concen: 26.802 ng/ul

RT: 13.322 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

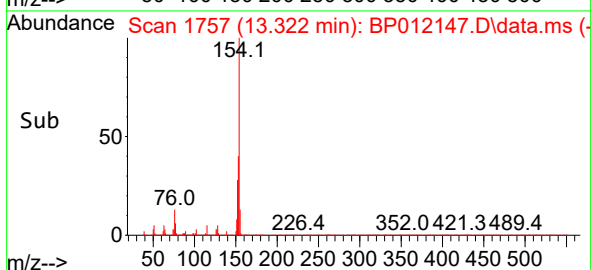
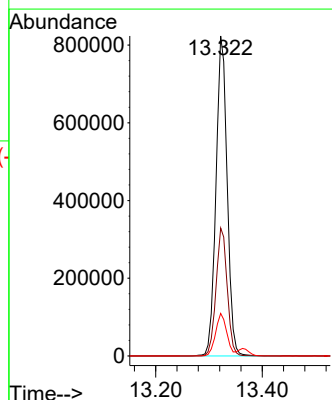
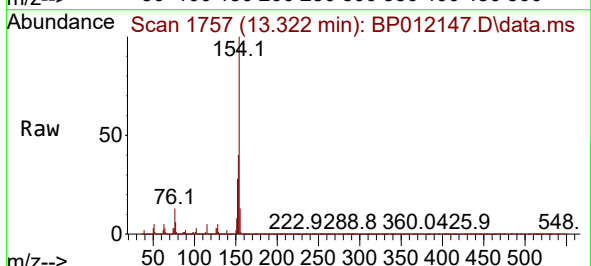
Tgt Ion:154 Resp: 1198865

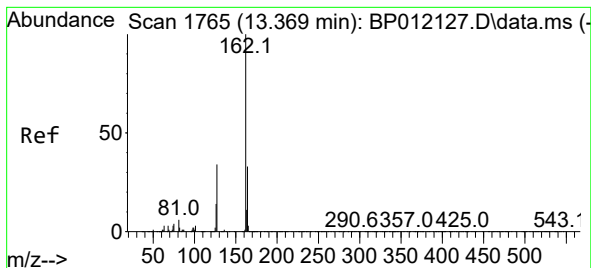
Ion Ratio Lower Upper

154 100

153 40.0 32.2 48.2

76 13.3 10.3 15.5





#44

2-Chloronaphthalene

Concen: 26.543 ng/ul

RT: 13.363 min Scan# 1765

Delta R.T. -0.012 min

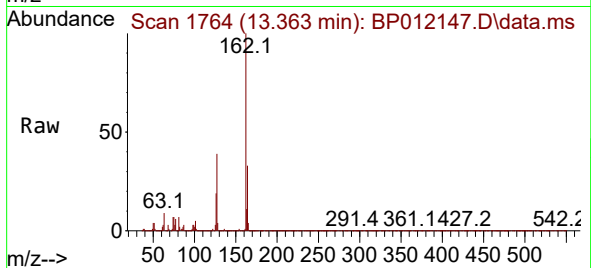
Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :



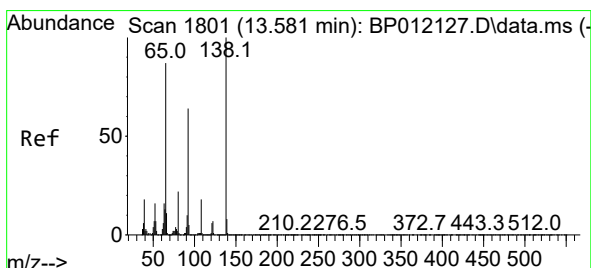
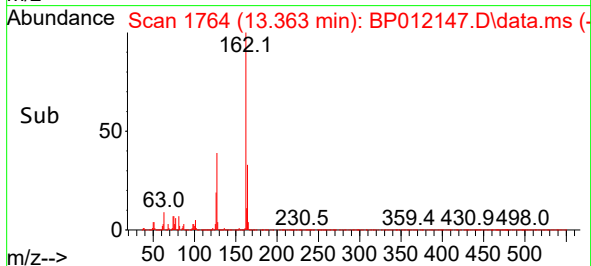
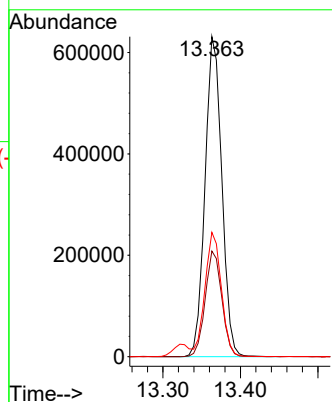
Tgt Ion:162 Resp: 948109

Ion Ratio Lower Upper

162 100

164 33.0 26.0 39.0

127 38.8 29.4 44.2



#45

2-Nitroaniline

Concen: 30.507 ng/ul

RT: 13.581 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

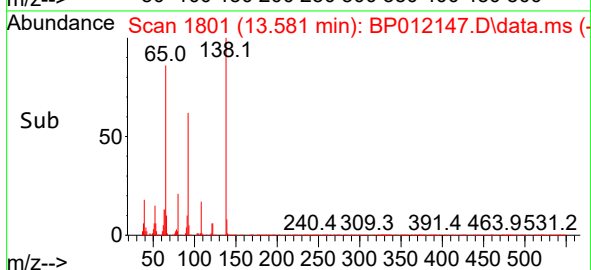
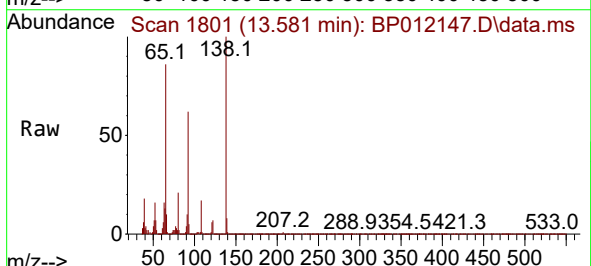
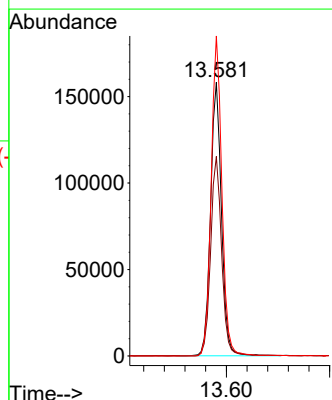
Tgt Ion: 65 Resp: 232456

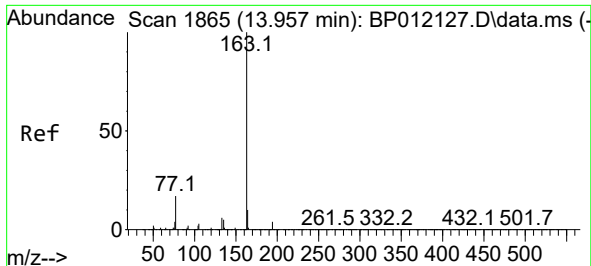
Ion Ratio Lower Upper

65 100

92 72.9 61.6 92.4

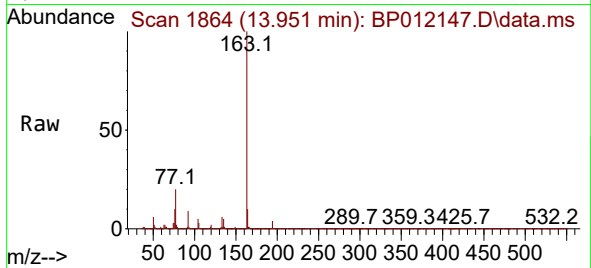
138 116.9 96.5 144.7



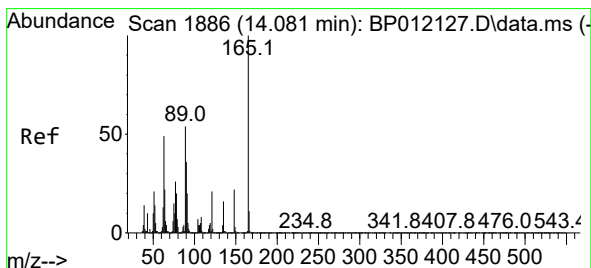
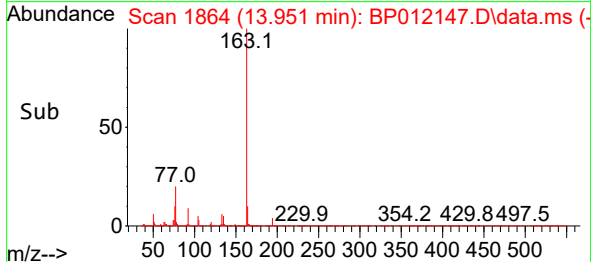
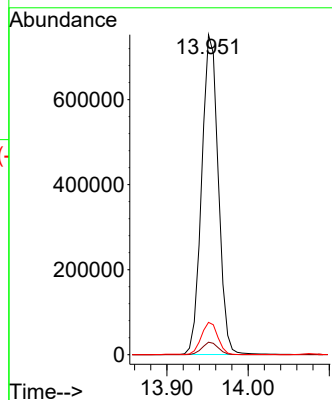


#47
Dimethylphthalate
Concen: 26.983 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Instrument :
BNA_P
ClientSampleId :

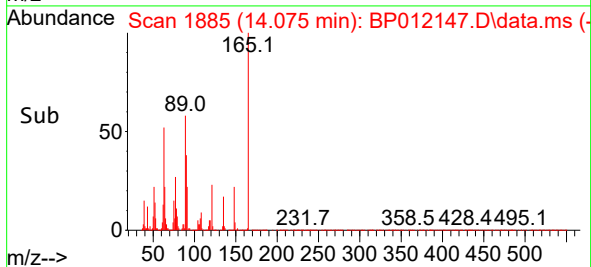
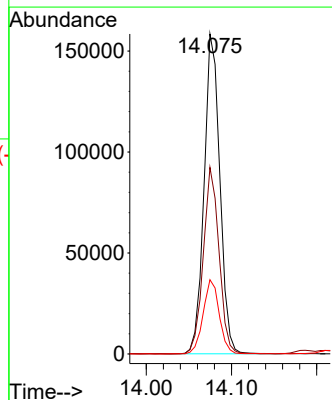
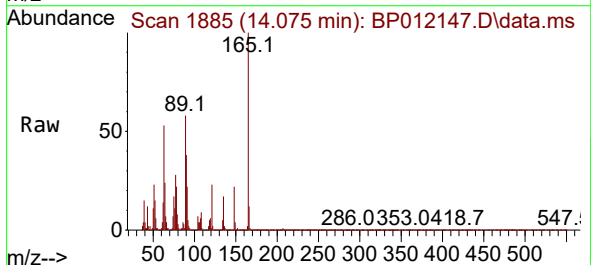


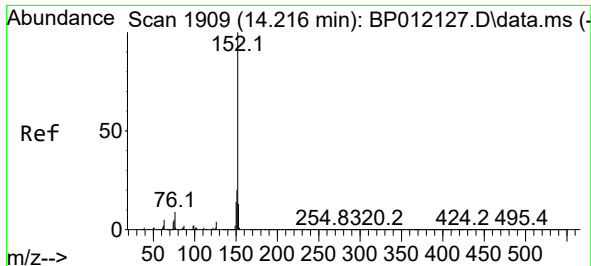
Tgt Ion:163 Resp: 1066806
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 29.094 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

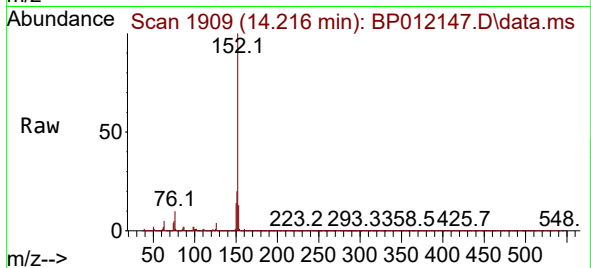
Tgt Ion:165 Resp: 203646
Ion Ratio Lower Upper
165 100
89 58.3 43.4 65.0
121 23.2 18.1 27.1



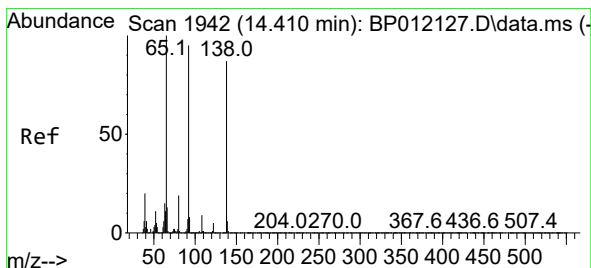
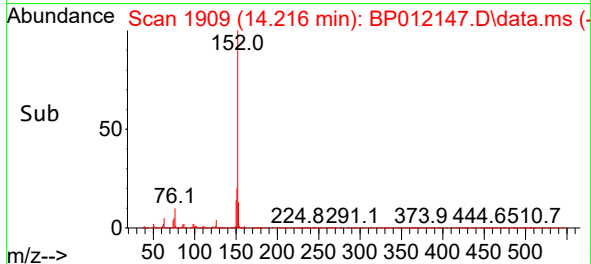
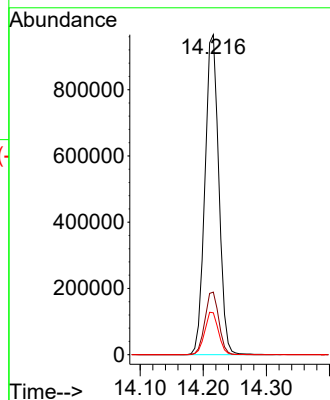


#50
Acenaphthylene
Concen: 27.963 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Instrument :
BNA_P
ClientSampleId :

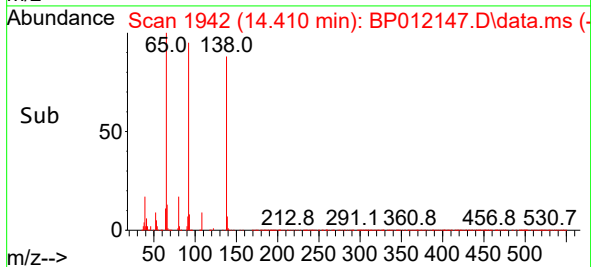
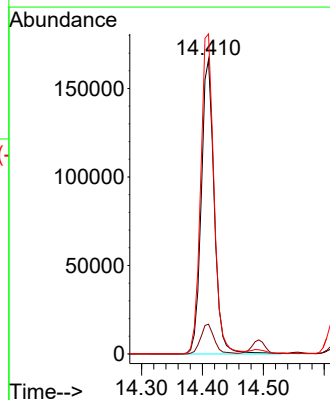
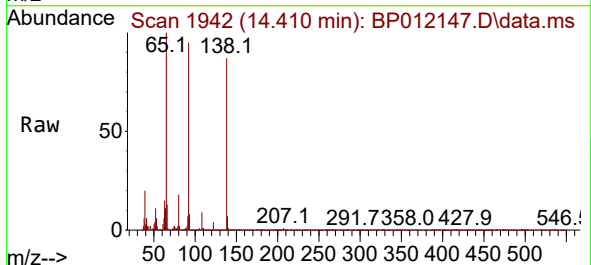


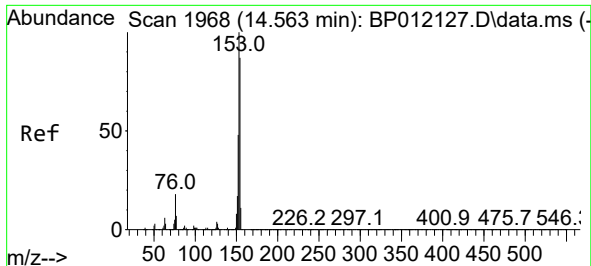
Tgt Ion:152 Resp: 1468162
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.4 15.6



#51
3-Nitroaniline
Concen: 30.255 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:138 Resp: 246596
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 108.7 85.8 128.8

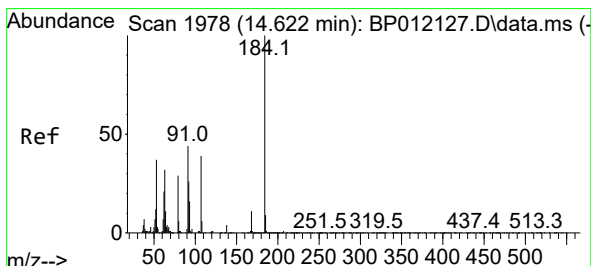
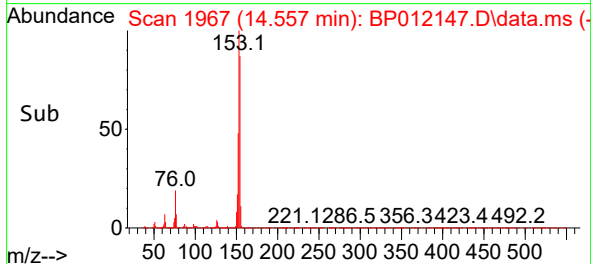
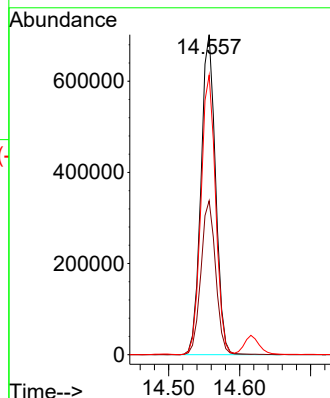
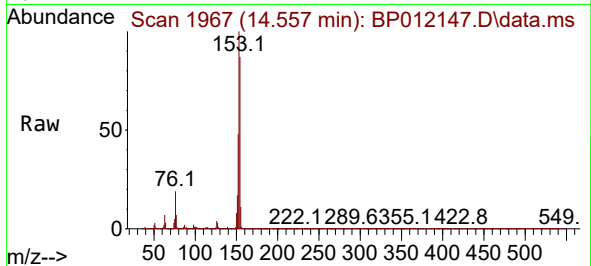




#52
Acenaphthene
Concen: 26.871 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

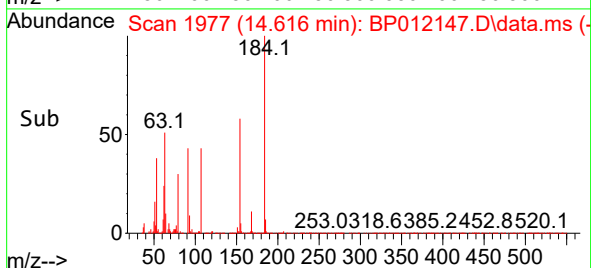
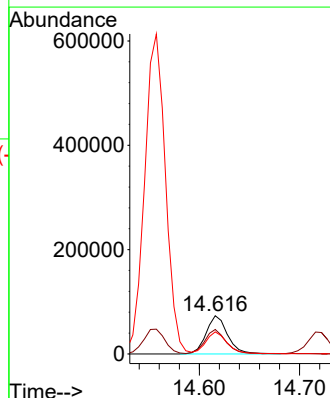
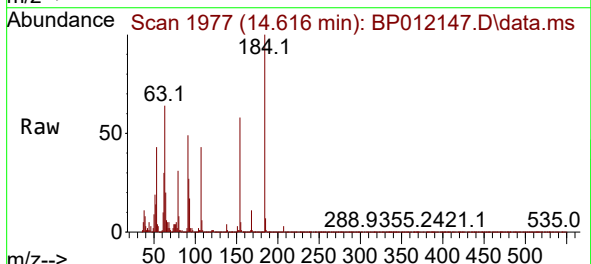
Instrument :
BNA_P
ClientSampleId :

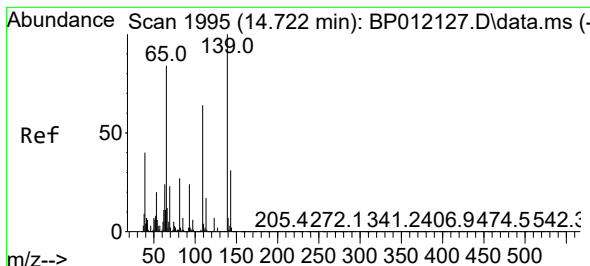
Tgt Ion:153 Resp: 1004356
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.2
154 87.4 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 24.217 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:184 Resp: 109507
Ion Ratio Lower Upper
184 100
63 64.1 45.5 68.3
154 57.7 47.0 70.6

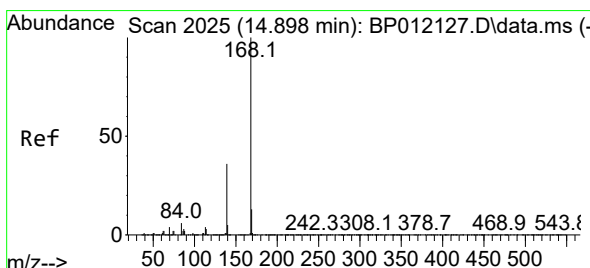
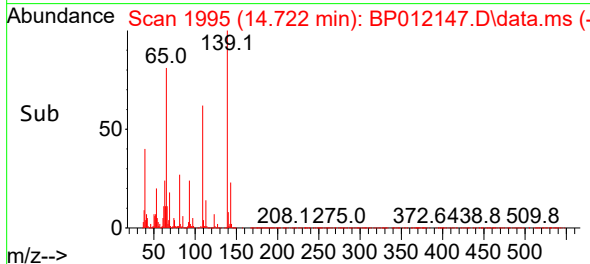
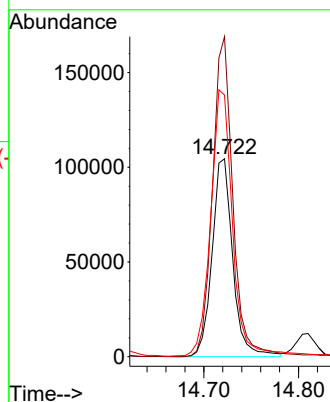
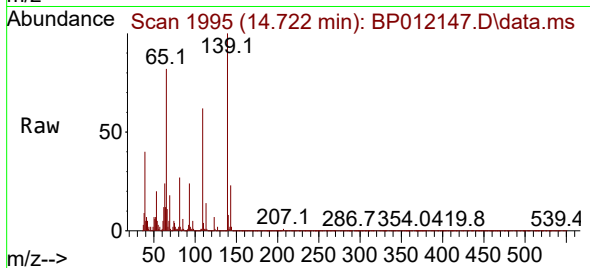




#55
4-Nitrophenol
Concen: 31.021 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

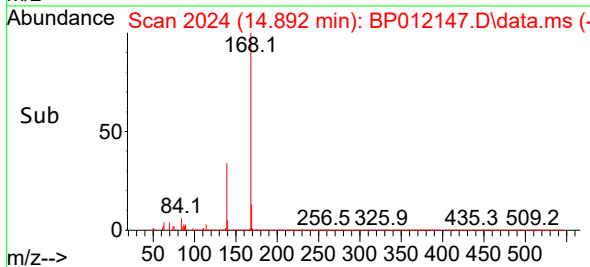
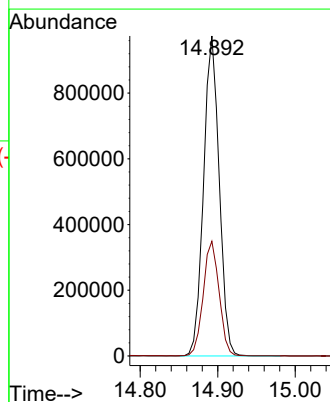
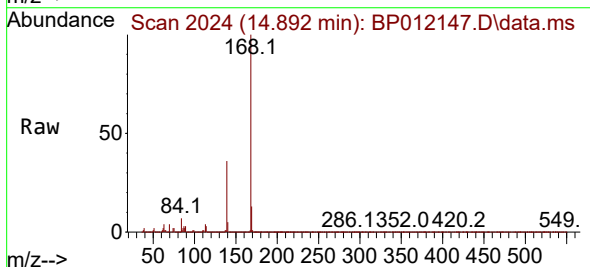
Instrument :
BNA_P
ClientSampleId :

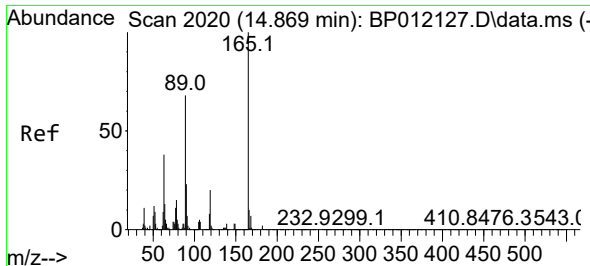
Tgt Ion:109 Resp: 157995
Ion Ratio Lower Upper
109 100
139 161.6 124.1 186.1
65 132.1 104.2 156.4



#56
Dibenzofuran
Concen: 26.976 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:168 Resp: 1362668
Ion Ratio Lower Upper
168 100
139 35.8 28.2 42.4

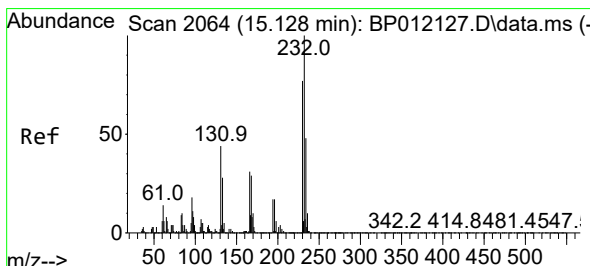
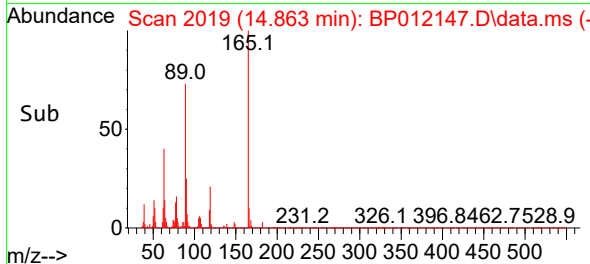
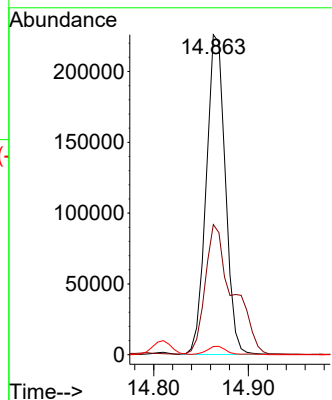
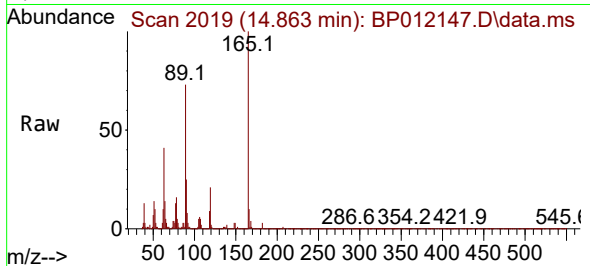




#57
2,4-Dinitrotoluene
Concen: 31.450 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

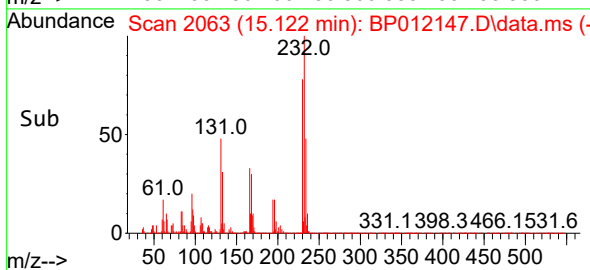
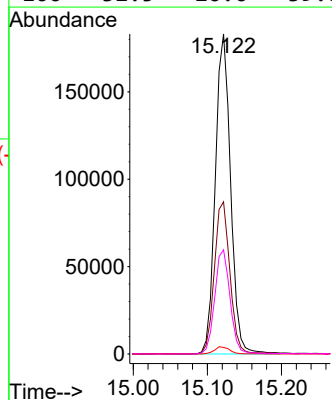
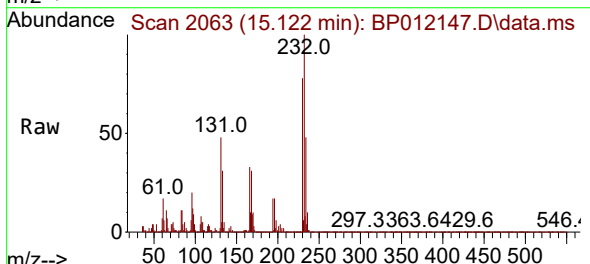
Instrument :
BNA_P
ClientSampleId :

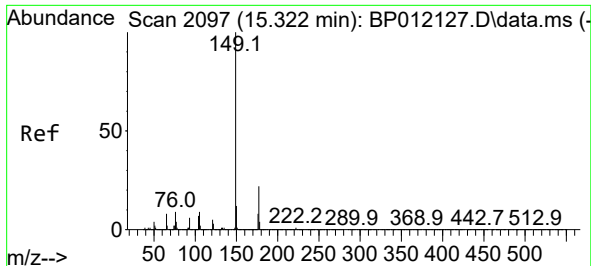
Tgt Ion:165 Resp: 316385
Ion Ratio Lower Upper
165 100
63 40.7 31.1 46.7
182 2.5 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.330 ng/ul
RT: 15.122 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:232 Resp: 261833
Ion Ratio Lower Upper
232 100
131 47.6 37.8 56.6
130 2.1 1.8 2.6
166 32.5 26.6 39.8

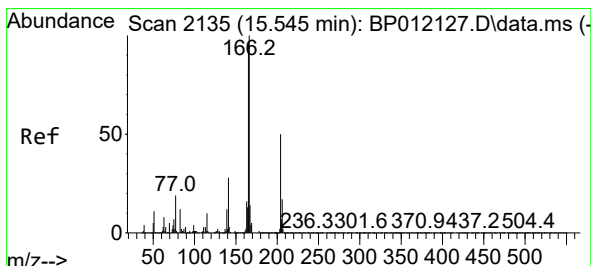
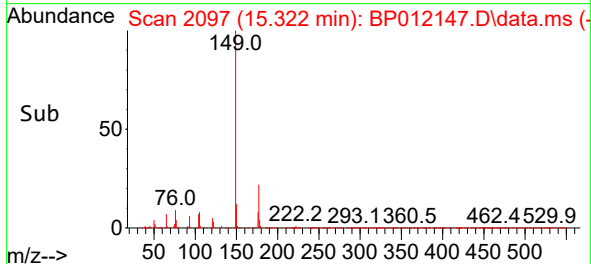
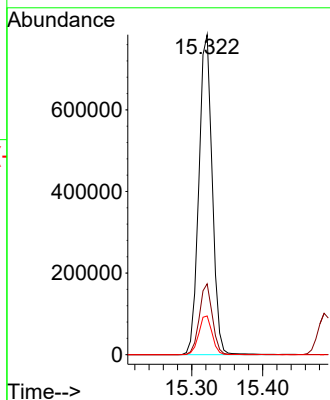
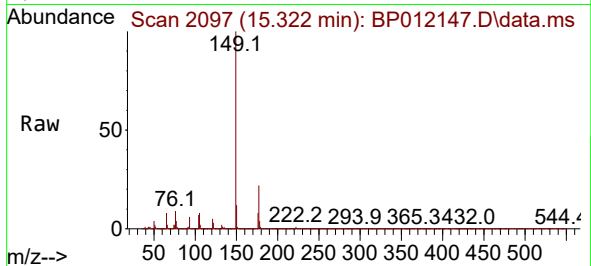




#59
Diethylphthalate
Concen: 28.360 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

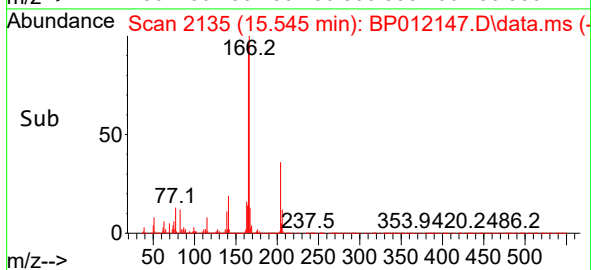
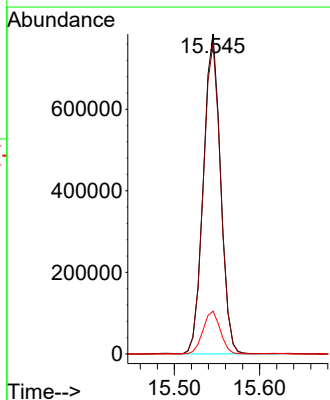
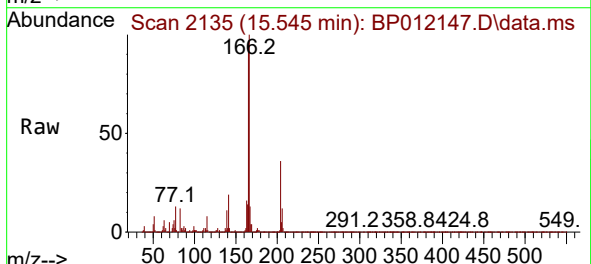
Instrument :
BNA_P
ClientSampleId :

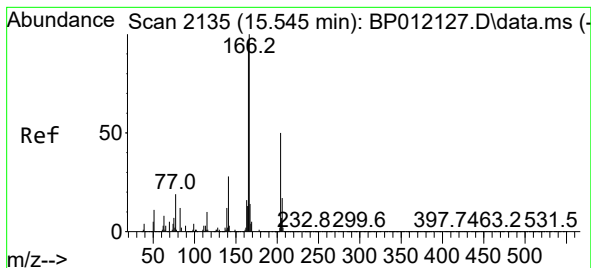
Tgt Ion:149 Resp: 1026858
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.1 9.8 14.8



#61
Fluorene
Concen: 27.688 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:166 Resp: 1097911
Ion Ratio Lower Upper
166 100
165 97.0 79.5 119.3
167 13.3 10.9 16.3

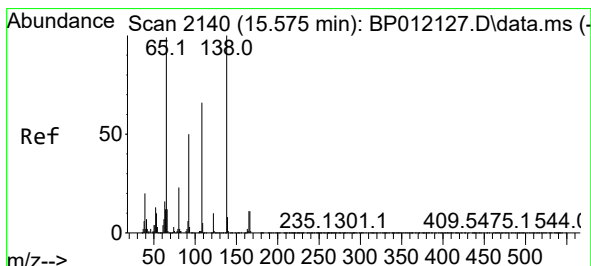
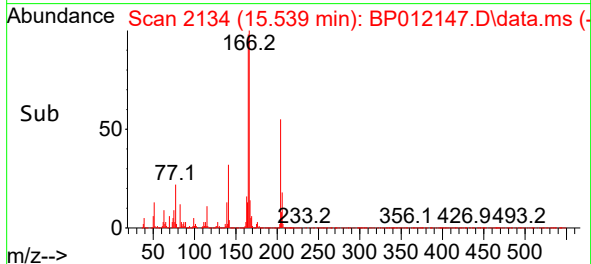
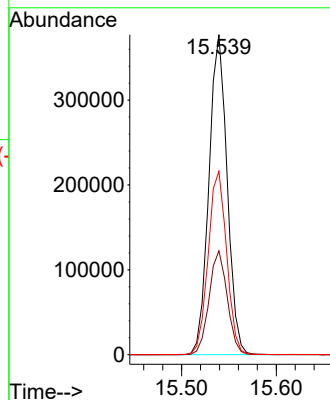
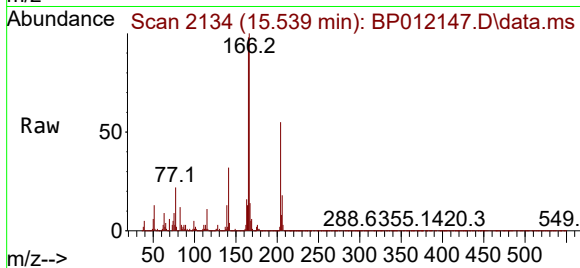




#62
4-Chlorophenyl-phenylether
Concen: 26.253 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

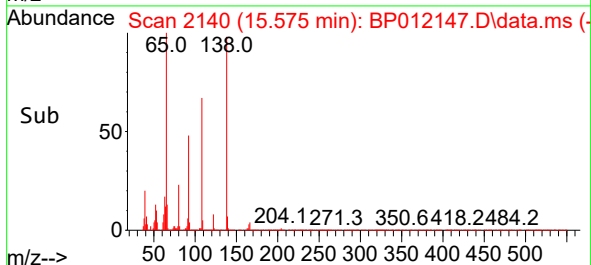
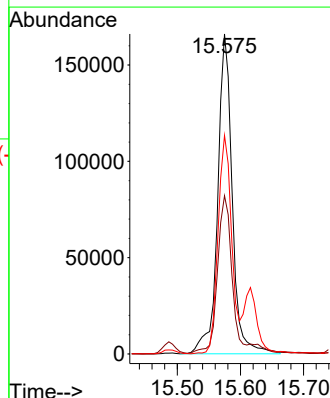
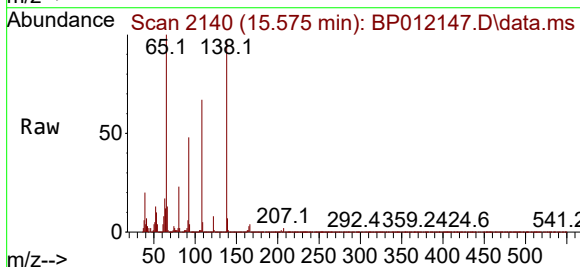
Instrument :
BNA_P
ClientSampleId :

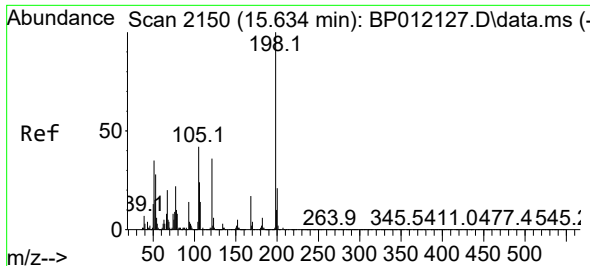
Tgt Ion:204 Resp: 503600
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.2
141 57.3 46.2 69.2



#63
4-Nitroaniline
Concen: 35.770 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:138 Resp: 266208
Ion Ratio Lower Upper
138 100
92 49.4 39.2 58.8
108 68.3 55.4 83.0

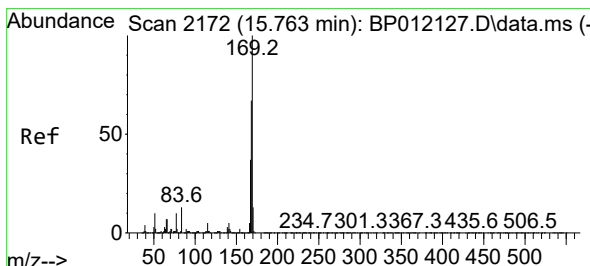
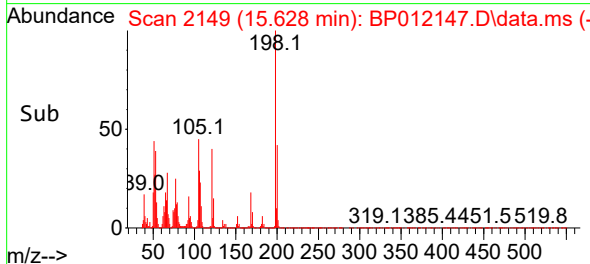
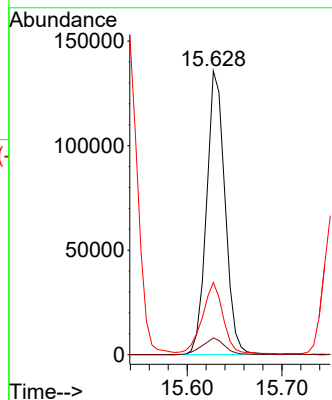
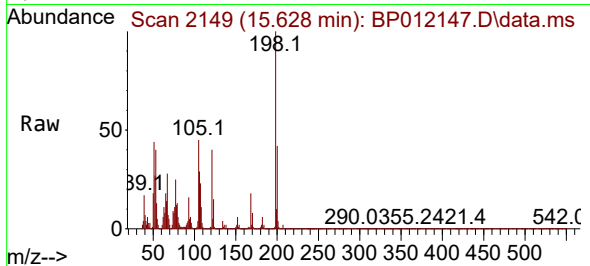




#66
4,6-Dinitro-2-methylphenol
Concen: 26.882 ng/ul
RT: 15.628 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

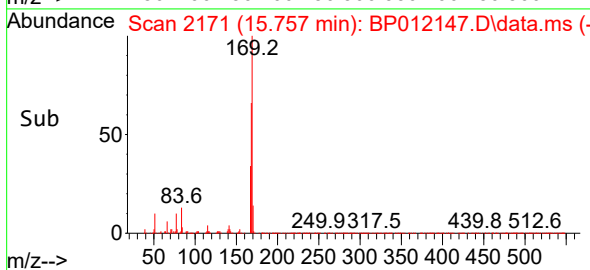
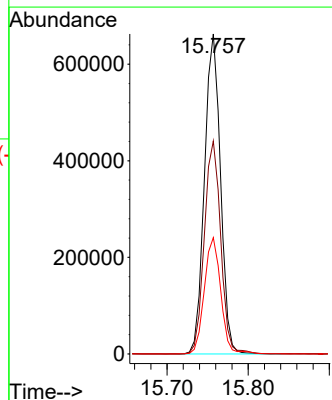
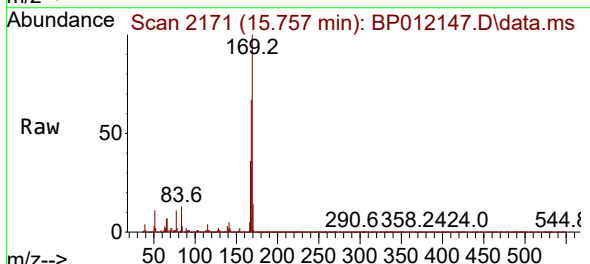
Instrument :
BNA_P
ClientSampleId :

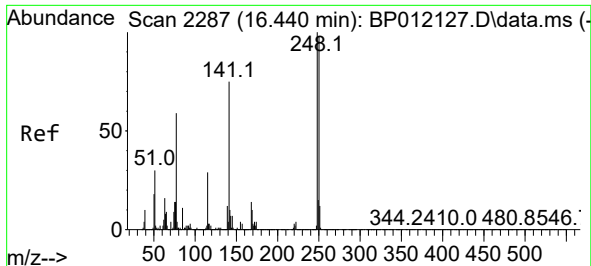
Tgt Ion:198 Resp: 183506
Ion Ratio Lower Upper
198 100
182 6.0 4.9 7.3
77 25.5 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 25.592 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:169 Resp: 905842
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.4 29.5 44.3

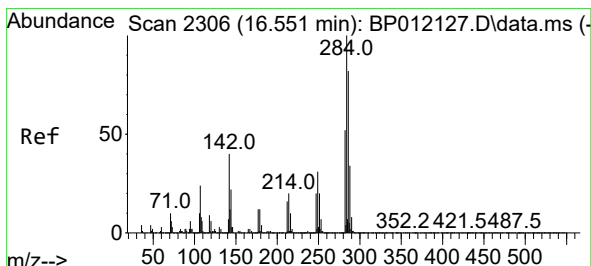
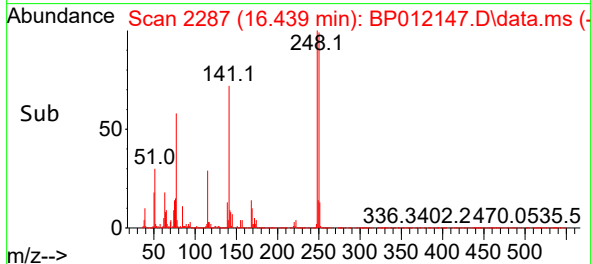
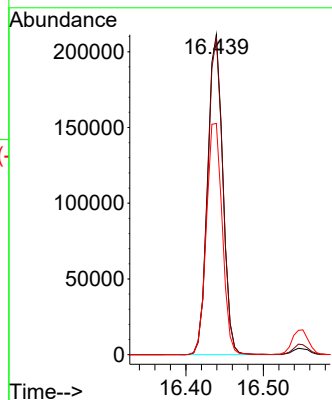
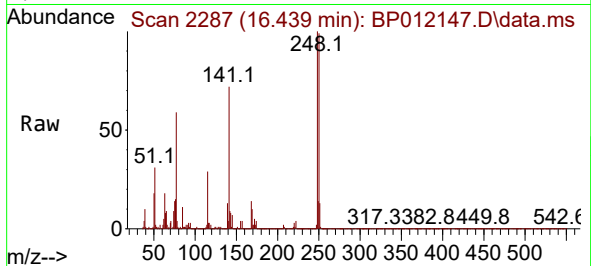




#68
4-Bromophenyl-phenylether
Concen: 24.770 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

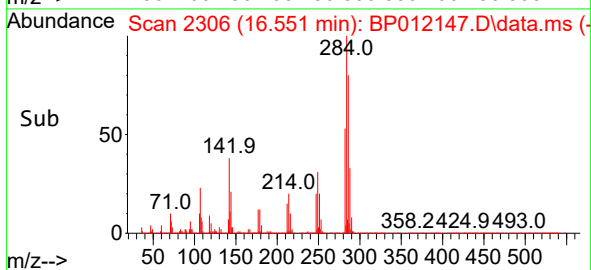
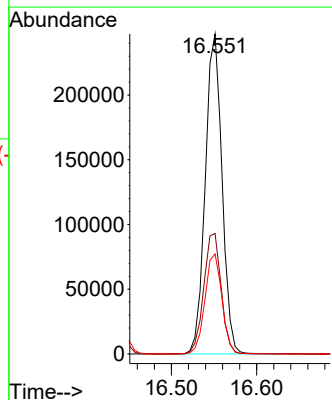
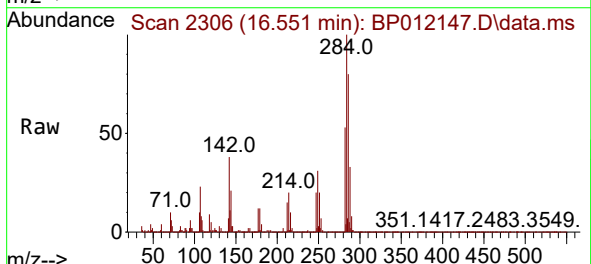
Instrument :
BNA_P
ClientSampleId :

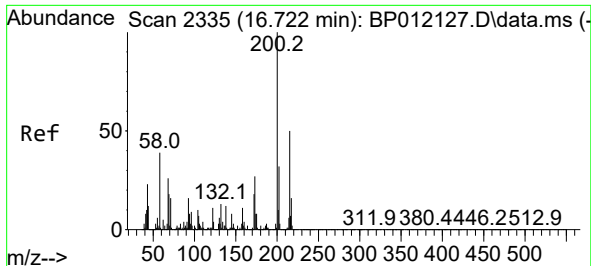
Tgt Ion:248 Resp: 288237
Ion Ratio Lower Upper
248 100
250 99.1 77.9 116.9
141 72.3 59.5 89.3



#69
Hexachlorobenzene
Concen: 25.012 ng/ul
RT: 16.551 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:284 Resp: 337819
Ion Ratio Lower Upper
284 100
142 37.7 30.5 45.7
249 31.3 25.4 38.0

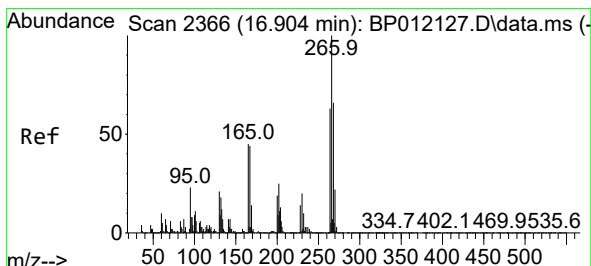
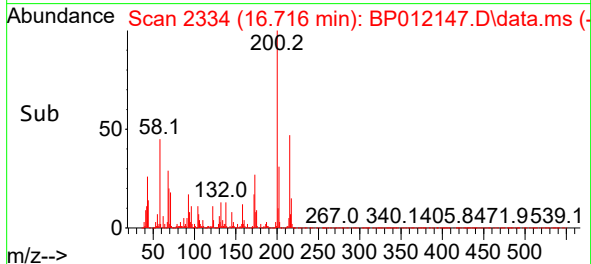
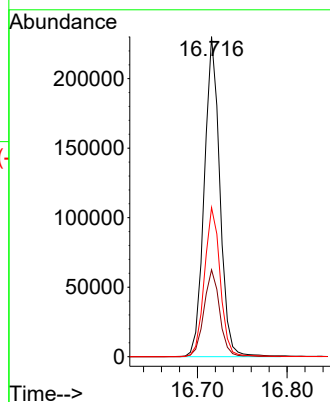
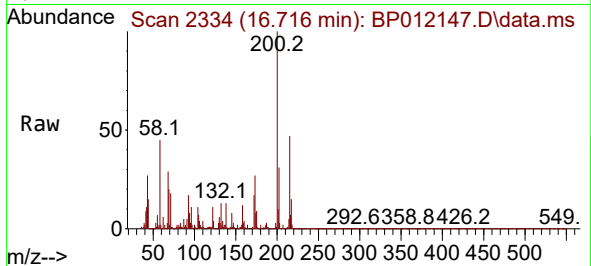




#70
 Atrazine
 Concen: 25.436 ng/ul
 RT: 16.716 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP012147.D
 Acq: 14 Oct 2022 21:02

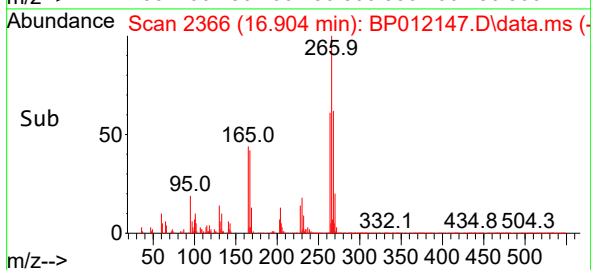
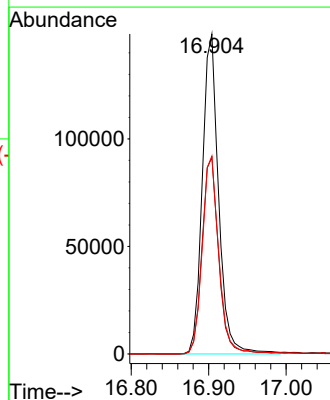
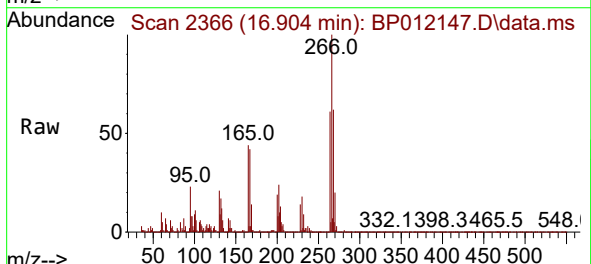
Instrument :
 BNA_P
 ClientSampleId :

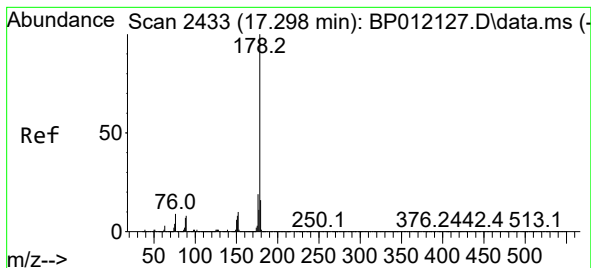
Tgt Ion:200 Resp: 276851
 Ion Ratio Lower Upper
 200 100
 173 27.2 22.1 33.1
 215 46.6 38.8 58.2



#71
 Pentachlorophenol
 Concen: 27.464 ng/ul
 RT: 16.904 min Scan# 2366
 Delta R.T. -0.006 min
 Lab File: BP012147.D
 Acq: 14 Oct 2022 21:02

Tgt Ion:266 Resp: 217324
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.6 75.8
 268 61.8 51.8 77.6





#72

Phenanthrene

Concen: 27.220 ng/ul

RT: 17.292 min Scan# 2433

Delta R.T. -0.012 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

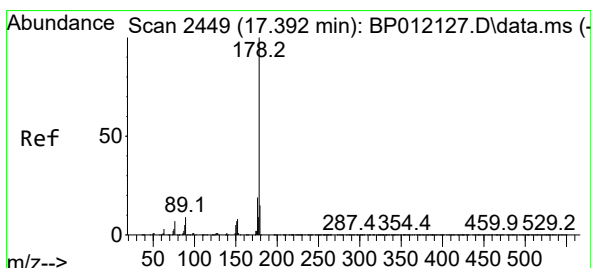
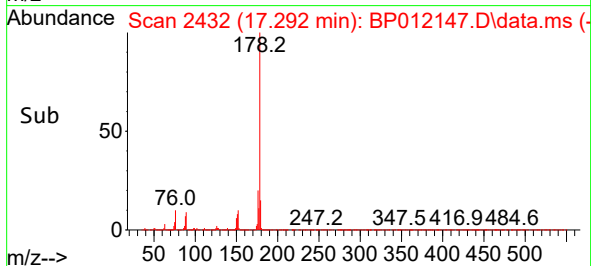
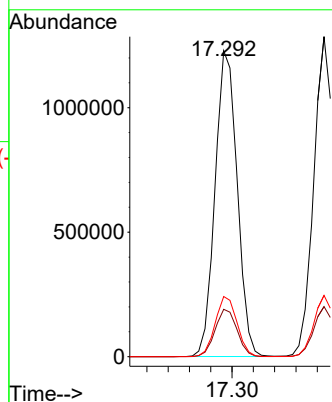
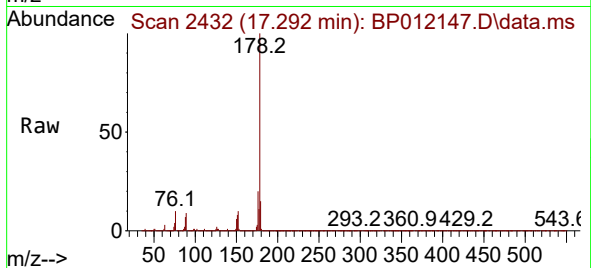
Tgt Ion:178 Resp: 1770206

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.7 15.8 23.6



#74

Anthracene

Concen: 27.362 ng/ul

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

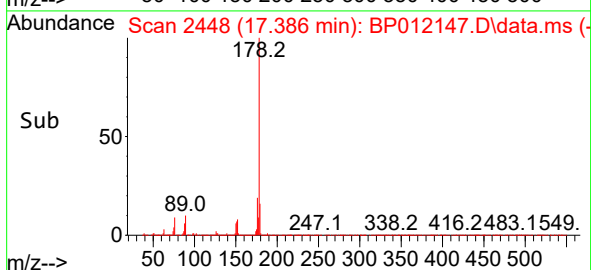
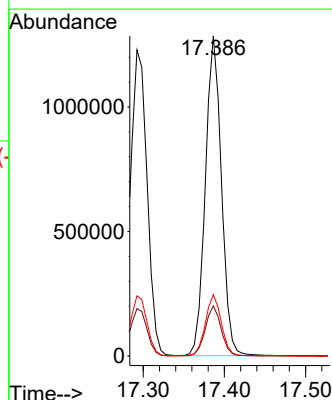
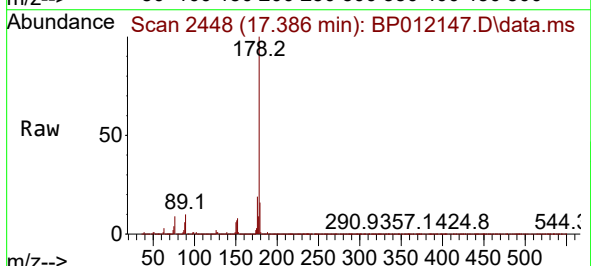
Tgt Ion:178 Resp: 1760910

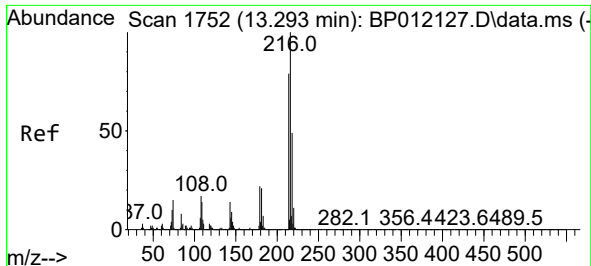
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.1 14.8 22.2

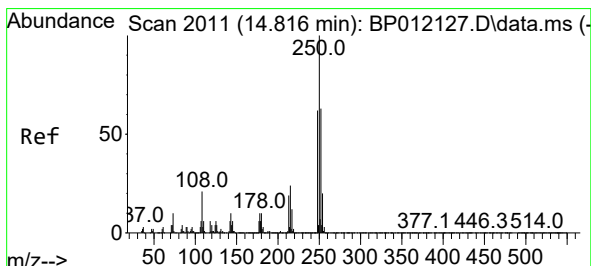
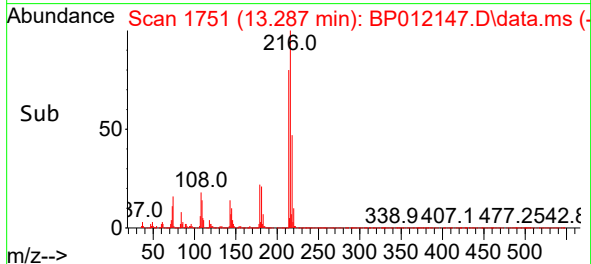
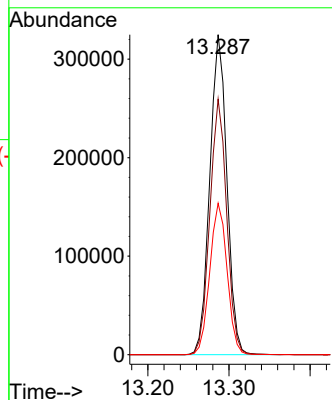
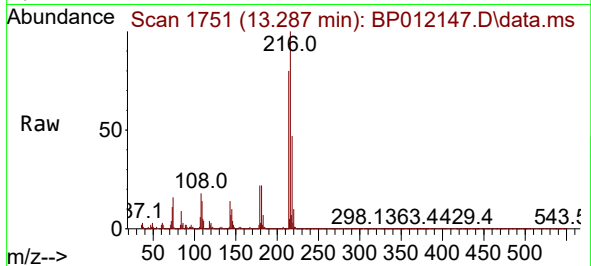




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.621 ng/uL
RT: 13.287 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

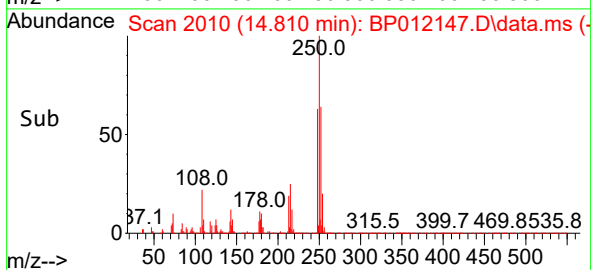
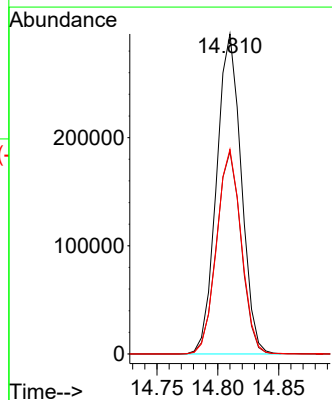
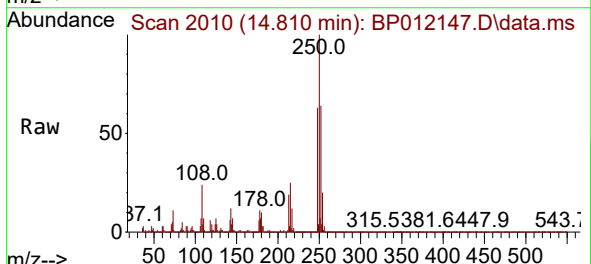
Instrument :
BNA_P
ClientSampleId :

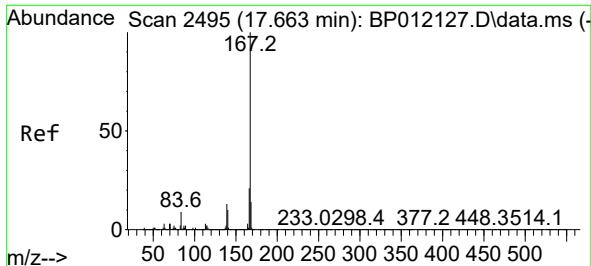
Tgt Ion:216 Resp: 475775
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
218 47.3 38.9 58.3



#76
Pentachlorobenzene
Concen: 22.015 ng/uL
RT: 14.810 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:250 Resp: 417801
Ion Ratio Lower Upper
250 100
248 63.2 51.4 77.2
252 64.0 50.7 76.1

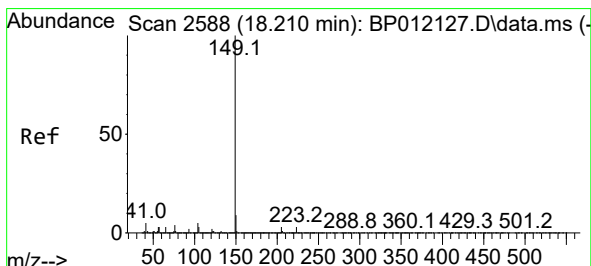
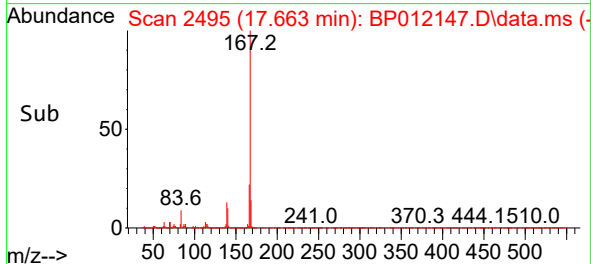
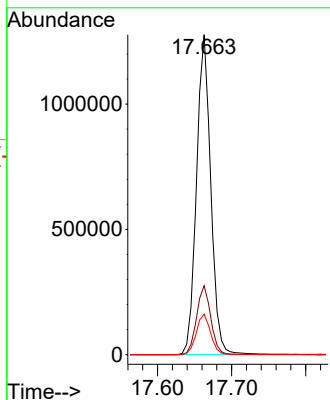
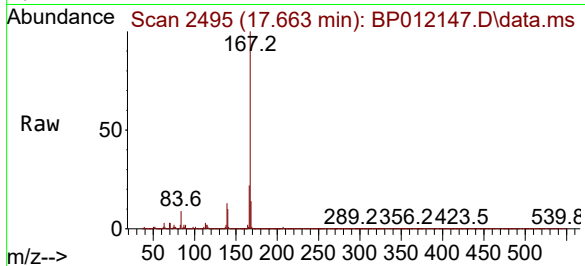




#77
 Carbazole
 Concen: 29.633 ng/ul
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP012147.D
 Acq: 14 Oct 2022 21:02

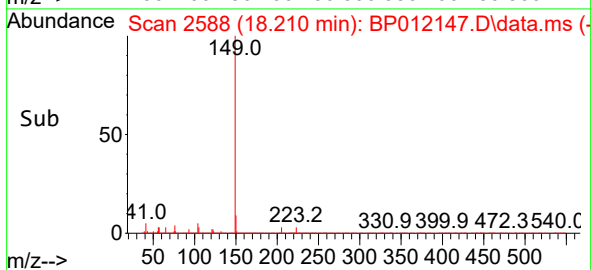
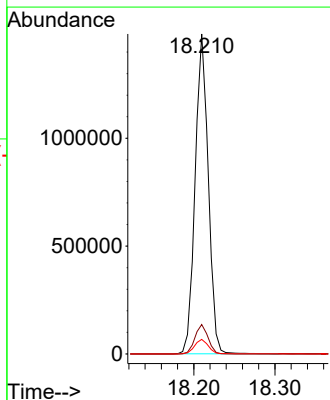
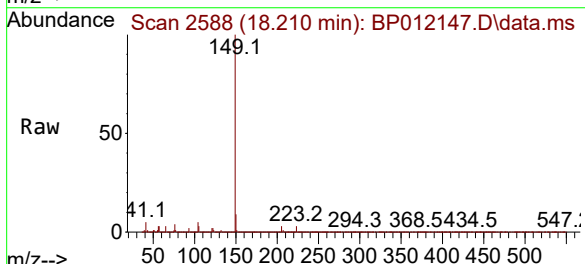
Instrument :
 BNA_P
 ClientSampleId :

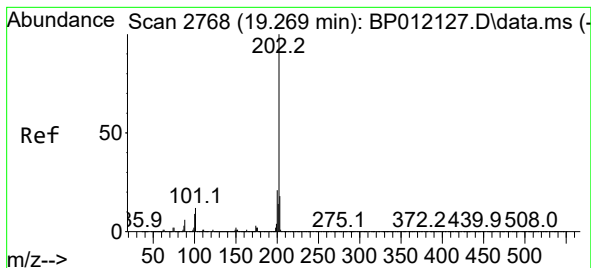
Tgt Ion:167 Resp: 1700932
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.7 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 29.287 ng/ul
 RT: 18.210 min Scan# 2588
 Delta R.T. -0.006 min
 Lab File: BP012147.D
 Acq: 14 Oct 2022 21:02

Tgt Ion:149 Resp: 1668218
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.5 3.4 5.2





#80

Fluoranthene

Concen: 25.976 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

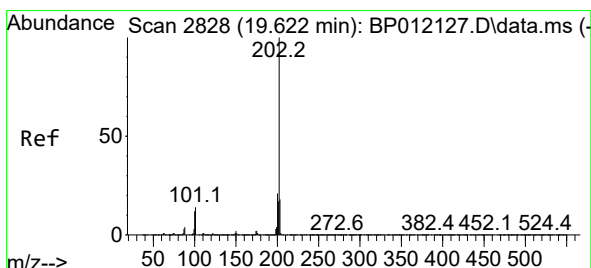
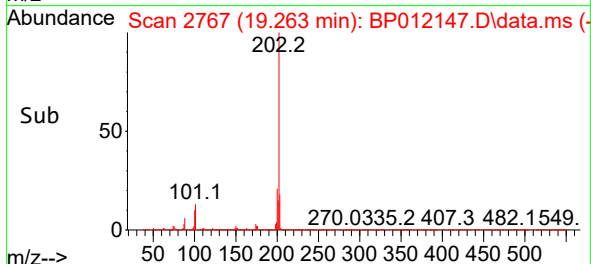
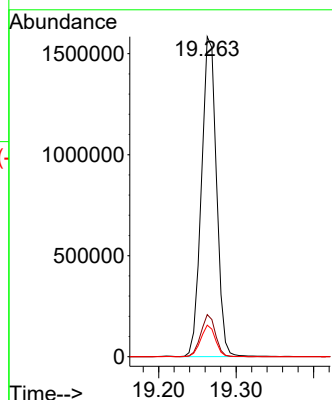
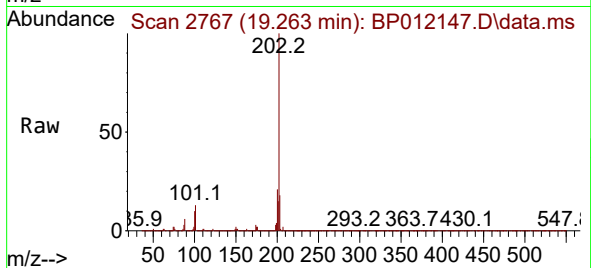
Tgt Ion:202 Resp: 2135318

Ion Ratio Lower Upper

202 100

101 13.2 9.0 13.6

100 9.8 7.0 10.6



#82

Pyrene

Concen: 26.168 ng/ul

RT: 19.616 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

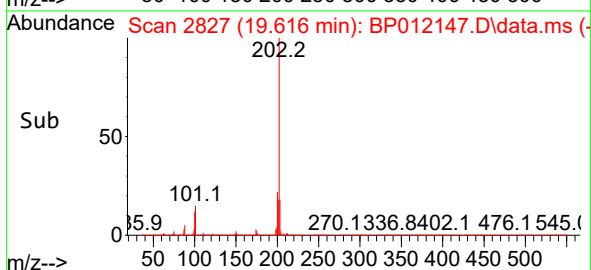
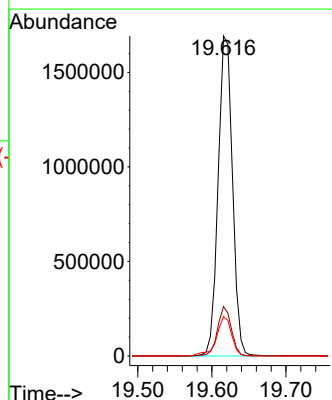
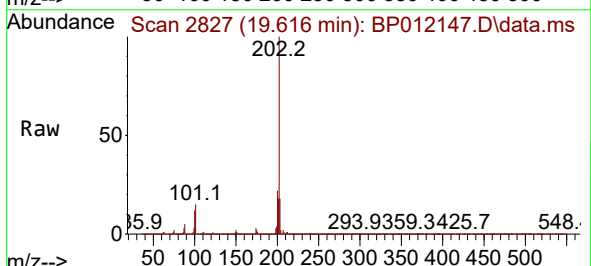
Tgt Ion:202 Resp: 2276464

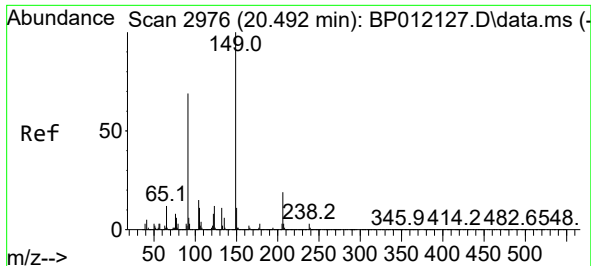
Ion Ratio Lower Upper

202 100

101 15.4 10.4 15.6

100 12.3 8.5 12.7

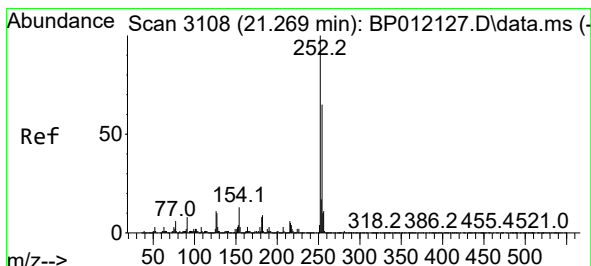
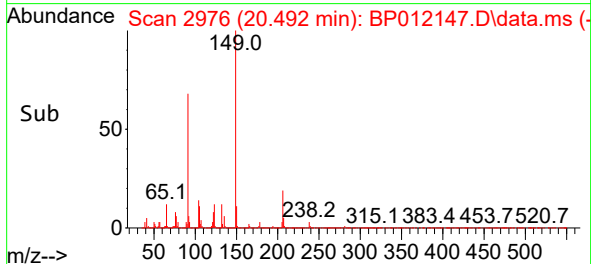
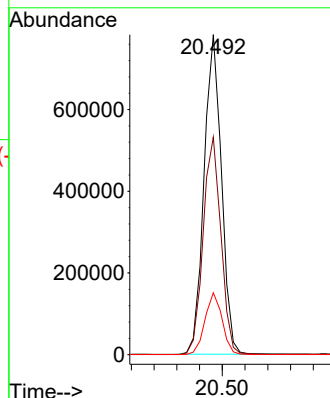
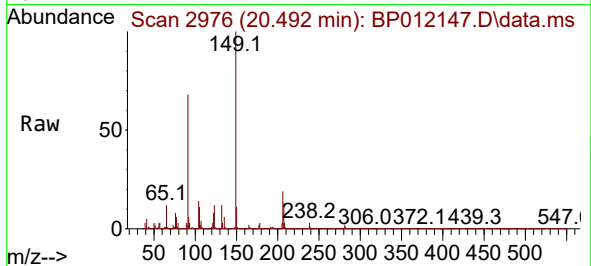




#83
Butylbenzylphthalate
Concen: 30.150 ng/ul
RT: 20.492 min Scan# 2976
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

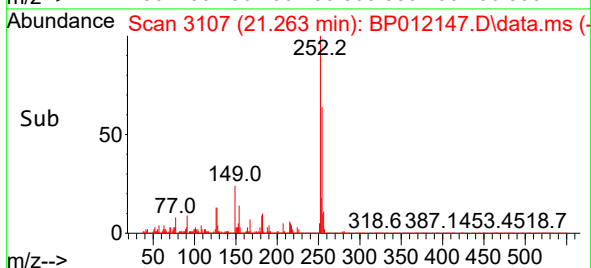
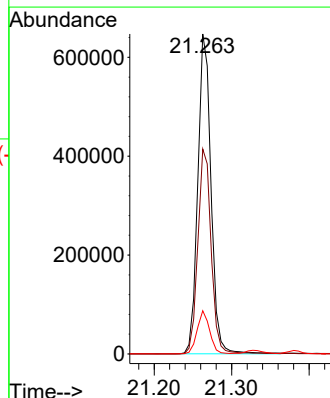
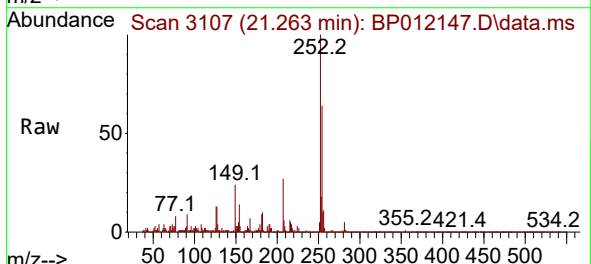
Instrument :
BNA_P
ClientSampleId :

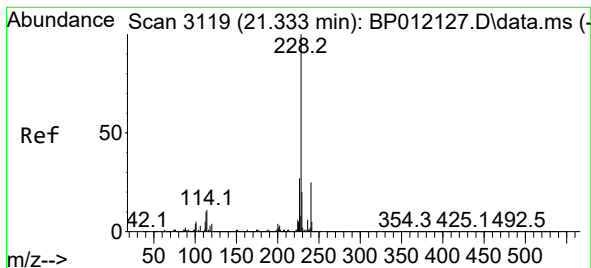
Tgt Ion:149 Resp: 831437
Ion Ratio Lower Upper
149 100
91 68.0 48.5 72.7
206 19.4 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 26.481 ng/ul
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:252 Resp: 764129
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.2
126 13.5 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 28.423 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

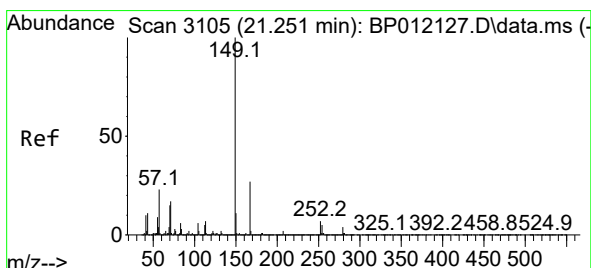
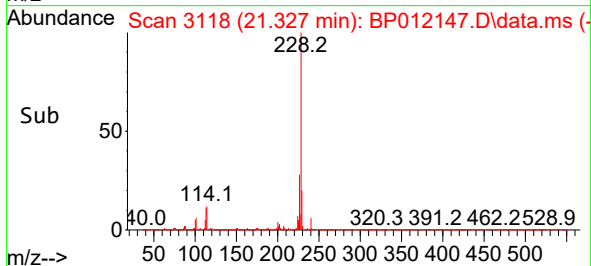
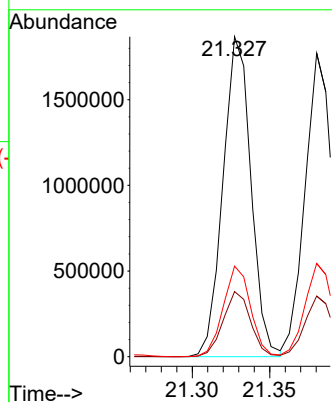
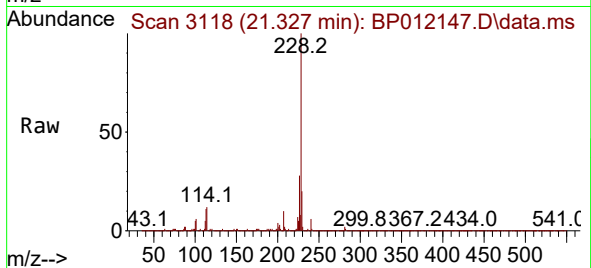
Tgt Ion:228 Resp: 2342773

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

226 28.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.291 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

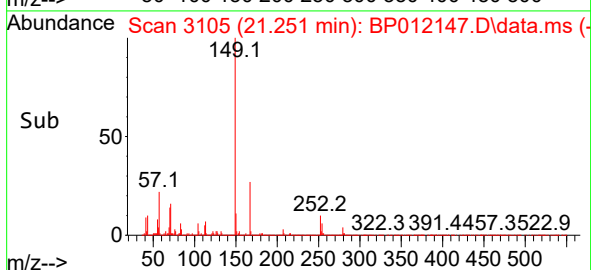
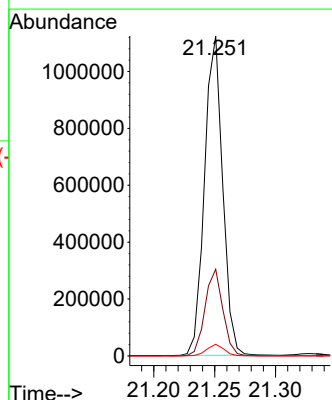
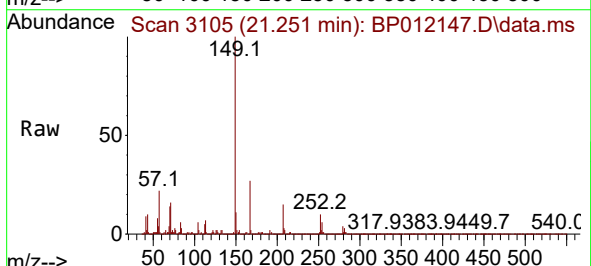
Tgt Ion:149 Resp: 1163276

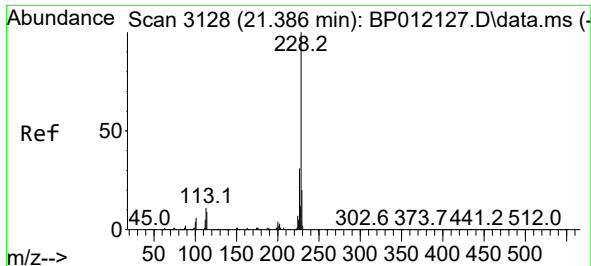
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 3.7 3.4 5.2

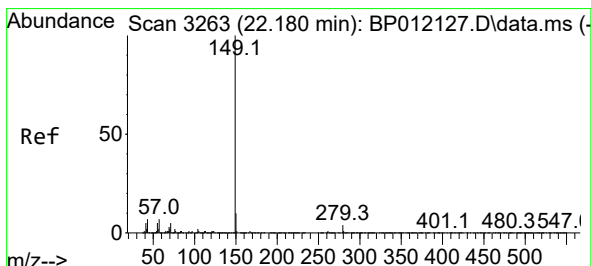
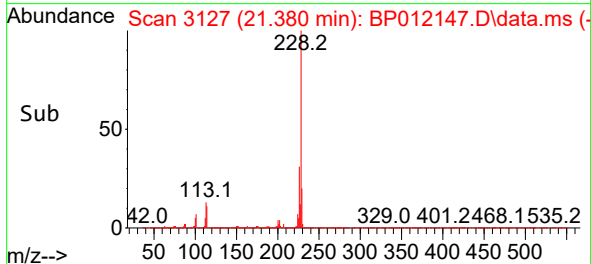
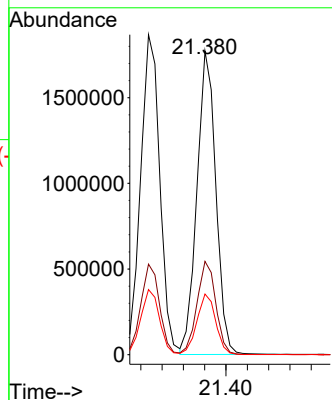
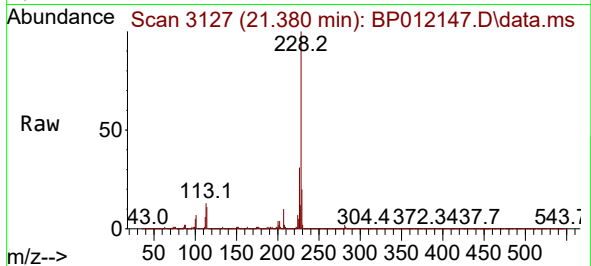




#87
Chrysene
Concen: 27.578 ng/ul
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

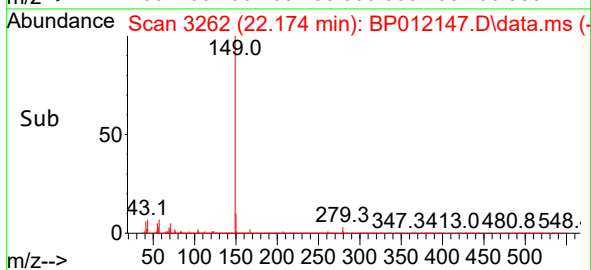
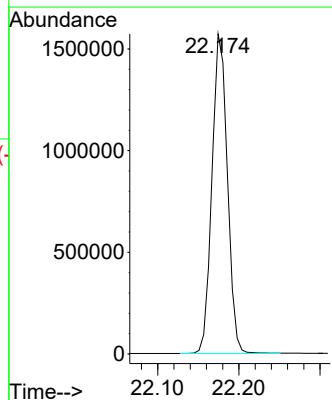
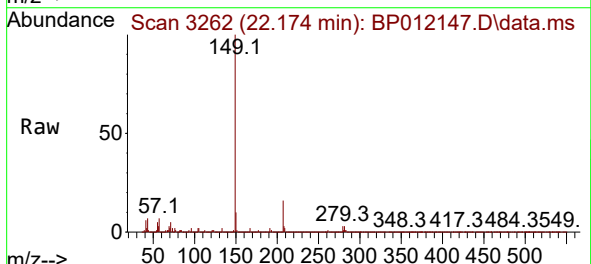
Instrument :
BNA_P
ClientSampleId :

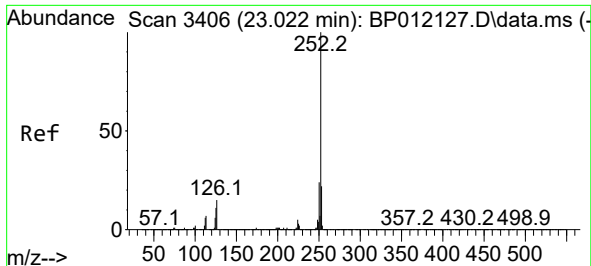
Tgt Ion:228 Resp: 2188019
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 20.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 30.273 ng/ul
RT: 22.174 min Scan# 3262
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

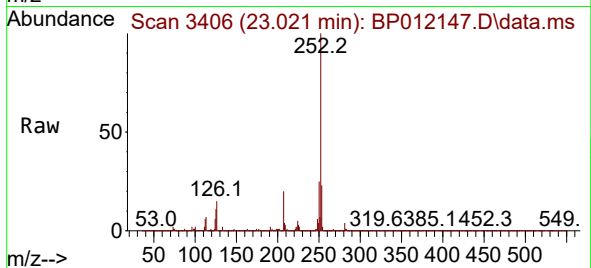
Tgt Ion:149 Resp: 2070782



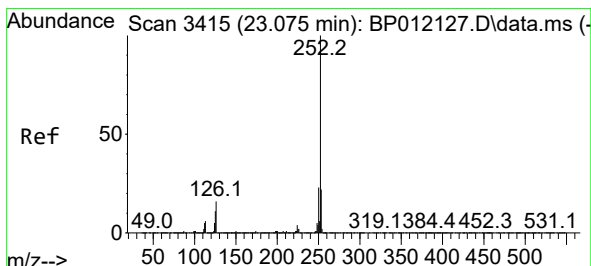
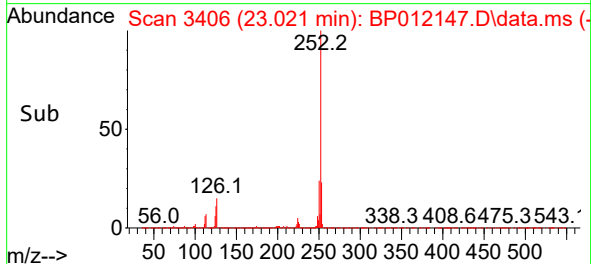
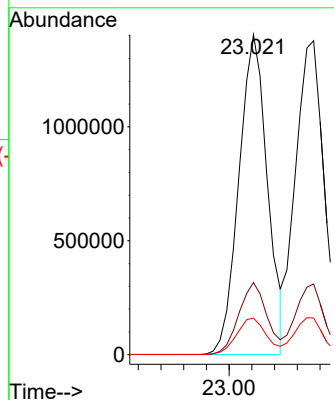


#90
Benzo(b)fluoranthene
Concen: 28.282 ng/ul
RT: 23.021 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Instrument :
BNA_P
ClientSampleId :

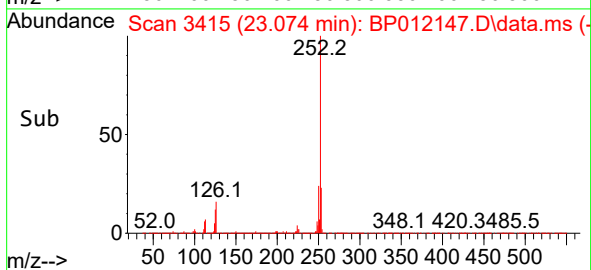
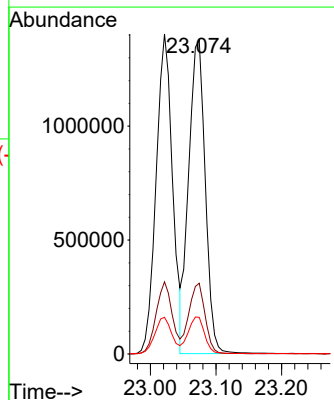
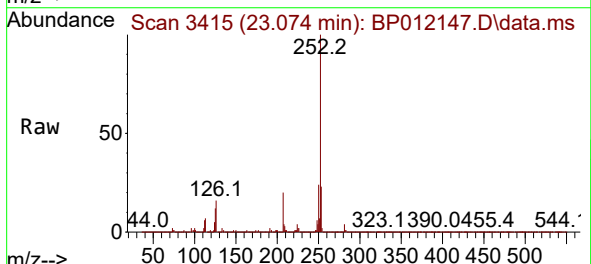


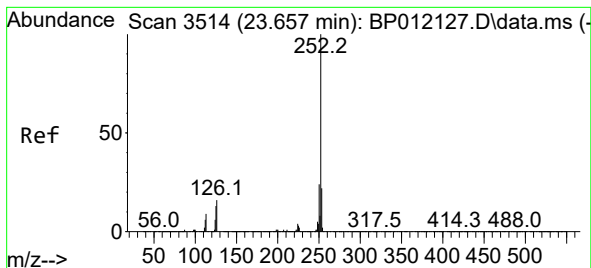
Tgt Ion:252 Resp: 2445986
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.5 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 28.422 ng/ul
RT: 23.074 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BP012147.D
Acq: 14 Oct 2022 21:02

Tgt Ion:252 Resp: 2417837
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.7 8.2 12.2





#93

Benzo(a)pyrene

Concen: 28.308 ng/ul

RT: 23.657 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

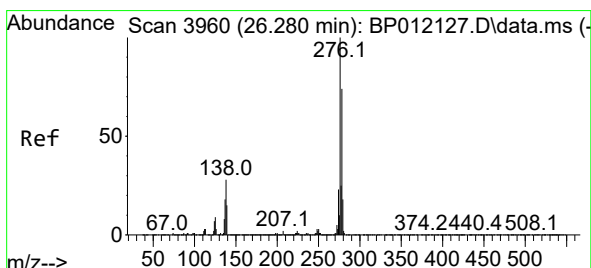
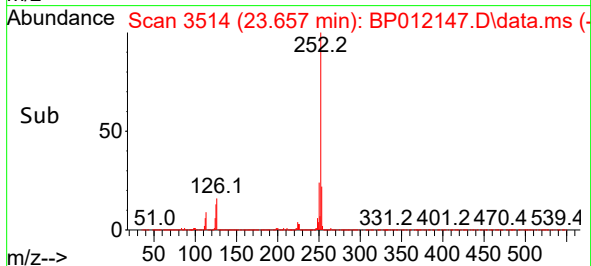
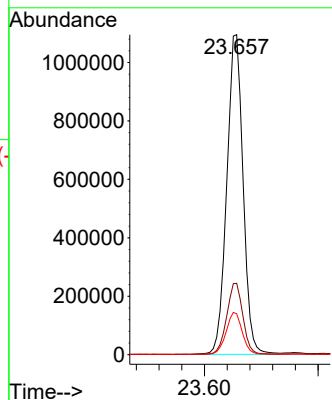
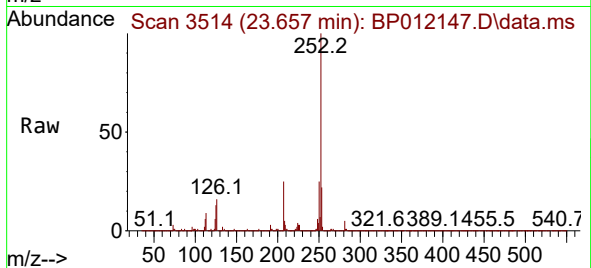
Tgt Ion:252 Resp: 2184201

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.8 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.420 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

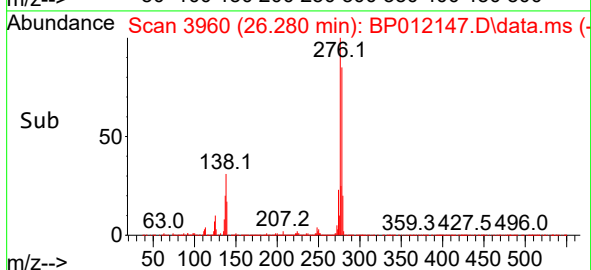
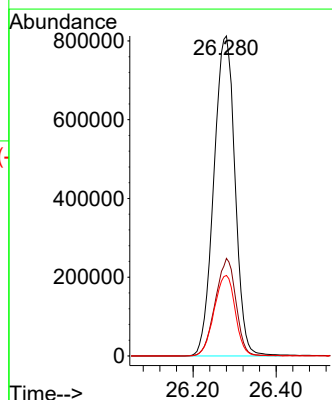
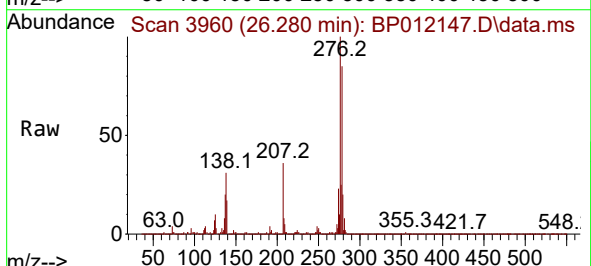
Tgt Ion:276 Resp: 2870217

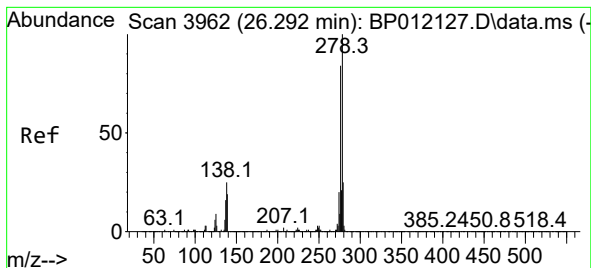
Ion Ratio Lower Upper

276 100

138 30.5 19.1 28.7#

277 25.2 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 28.212 ng/ul

RT: 26.292 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Instrument :

BNA_P

ClientSampleId :

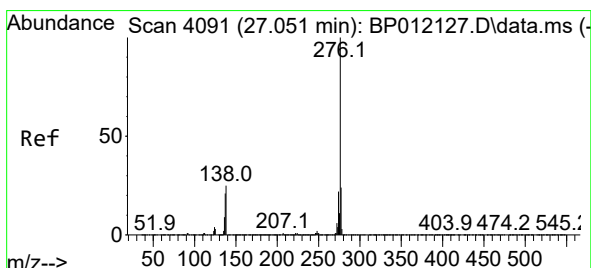
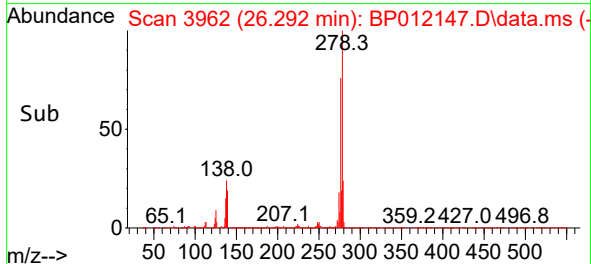
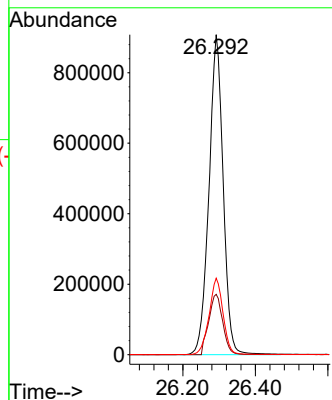
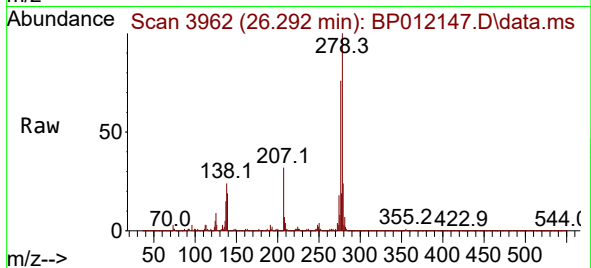
Tgt Ion:278 Resp: 2469257

Ion Ratio Lower Upper

278 100

139 18.9 12.5 18.7#

279 23.9 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 27.177 ng/ul

RT: 27.051 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BP012147.D

Acq: 14 Oct 2022 21:02

Tgt Ion:276 Resp: 2390551

Ion Ratio Lower Upper

276 100

138 24.9 16.5 24.7#

277 23.9 19.0 28.4

