

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012144.D
 Acq On : 14 Oct 2022 18:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 23:05:17 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	7.845	152	314130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1345730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	723317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1300645	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1390425	20.000	ng/ul	0.00
88) Perylene-d12	23.762	264	1494711	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	53328	6.693	ng/uL	0.00
4) Pyridine-d5	3.693	84	399153	18.838	ng/ul	0.00
7) Phenol-d5	7.016	99	496499	19.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	285039	19.877	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	398695	19.881	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	376885	19.422	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	190795	20.075	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.734	143	199203	20.670	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	360081	19.279	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	500783	18.195	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	841632	18.373	ng/ul	-0.01
49) Acenaphthylene-d8	14.186	160	1088169	19.210	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	152981	17.011	ng/ul	0.00
60) Fluorene-d10	15.492	176	754853	18.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	117891	17.166	ng/ul	0.00
73) Anthracene-d10	17.351	188	1062986	18.821	ng/ul	0.00
81) Pyrene-d10	19.592	212	1216214	17.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1349262	18.569	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	55806	6.656	ng/uL	96
5) Pyridine	3.716	79	388667	19.144	ng/ul	92
6) Benzaldehyde	6.987	77	273147	23.044	ng/ul	99
8) Phenol	7.040	94	522937	19.716	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.269	93	411765	19.677	ng/ul	98
12) 2-Chlorophenol	7.404	128	432984	19.894	ng/ul	99
13) 2-Methylphenol	8.292	108	387658	19.596	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	434112	20.239	ng/ul	100
16) Acetophenone	8.675	105	596609	19.942	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.657	70	273113	20.043	ng/ul	98
18) 4-Methylphenol	8.622	108	417400	19.576	ng/ul	96
19) Hexachloroethane	8.922	117	170452	20.289	ng/ul	98
22) Nitrobenzene	9.057	77	438664	20.134	ng/ul	99
23) Isophorone	9.586	82	761121	19.695	ng/ul	99
25) 2-Nitrophenol	9.763	139	229645	20.283	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	425646	19.303	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	507582	19.140	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	373355	19.022	ng/ul	98
30) Naphthalene	10.698	128	1333750	18.755	ng/ul	100
32) 4-Chloroaniline	10.822	127	522634	18.418	ng/ul	100
33) Hexachlorobutadiene	10.980	225	225292	18.510	ng/ul	99
34) Caprolactam	11.610	113	92438	17.139	ng/ul	98
35) 4-Chloro-3-methylphenol	11.945	107	350668	18.858	ng/ul	97
36) 2-Methylnaphthalene	12.310	142	843915	18.429	ng/ul	100

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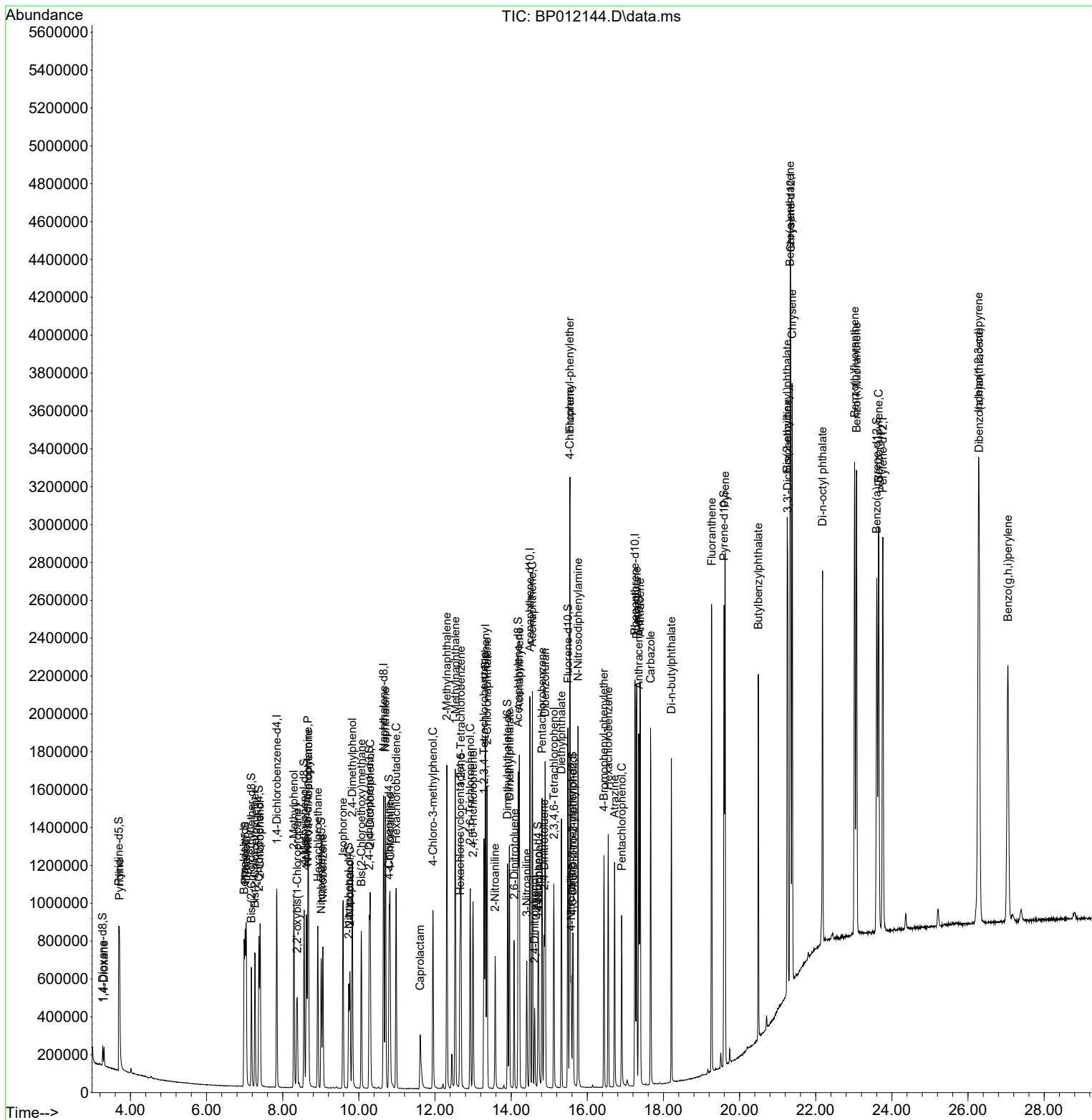
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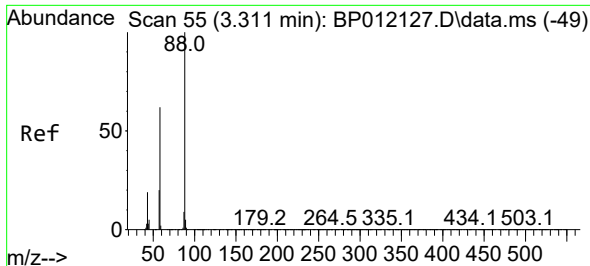
Quant Time: Oct 14 23:05:17 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	838950	18.295	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	419663	18.980	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	182906	17.031	ng/ul	98
41) 2,4,6-Trichlorophenol	12.927	196	258745	19.427	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	271736	18.773	ng/ul	98
43) 1,1'-Biphenyl	13.327	154	1039992	19.045	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	826551	18.955	ng/ul	99
45) 2-Nitroaniline	13.580	65	183603	19.738	ng/ul	99
47) Dimethylphthalate	13.957	163	888769	18.415	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	164512	19.253	ng/ul	97
50) Acenaphthylene	14.216	152	1226848	19.141	ng/ul	99
51) 3-Nitroaniline	14.410	138	180724	18.163	ng/ul	98
52) Acenaphthene	14.557	153	848171	18.589	ng/ul	100
53) 2,4-Dinitrophenol	14.616	184	94537	17.126	ng/ul	96
55) 4-Nitrophenol	14.721	109	109744	17.651	ng/ul	98
56) Dibenzofuran	14.892	168	1127057	18.277	ng/ul	98
57) 2,4-Dinitrotoluene	14.869	165	233790	19.037	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	208717	18.499	ng/ul	98
59) Diethylphthalate	15.321	149	818043	18.507	ng/ul	100
61) Fluorene	15.545	166	893239	18.453	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	423441	18.083	ng/ul	98
63) 4-Nitroaniline	15.574	138	177398	19.526	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.627	198	131374	17.694	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	729883	18.959	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	231291	18.275	ng/ul	100
69) Hexachlorobenzene	16.551	284	263489	17.937	ng/ul	99
70) Atrazine	16.715	200	209099	17.663	ng/ul	99
71) Pentachlorophenol	16.904	266	157748	18.329	ng/ul	98
72) Phenanthrene	17.298	178	1312086	18.550	ng/ul	99
74) Anthracene	17.386	178	1323046	18.901	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	410911	19.551	ng/ul	99
76) Pentachlorobenzene	14.810	250	387194	18.758	ng/ul	99
77) Carbazole	17.663	167	1209571	19.375	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1167664	18.848	ng/ul	100
80) Fluoranthene	19.268	202	1479898	16.955	ng/ul	99
82) Pyrene	19.621	202	1594877	17.266	ng/ul	98
83) Butylbenzylphthalate	20.492	149	547418	18.695	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.262	252	541624	17.677	ng/ul#	98
85) Benzo(a)anthracene	21.327	228	1668196	19.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	748725	18.967	ng/ul	99
87) Chrysene	21.380	228	1558425	18.499	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1374058	18.362	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	1733887	18.326	ng/ul	98
91) Benzo(k)fluoranthene	23.074	252	1748062	18.783	ng/ul	99
93) Benzo(a)pyrene	23.650	252	1577139	18.684	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.280	276	1922920	18.017	ng/ul	95
95) Dibenzo(a,h)anthracene	26.291	278	1727249	18.039	ng/ul#	95
96) Benzo(g,h,i)perylene	27.050	276	1699692	17.663	ng/ul	96

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

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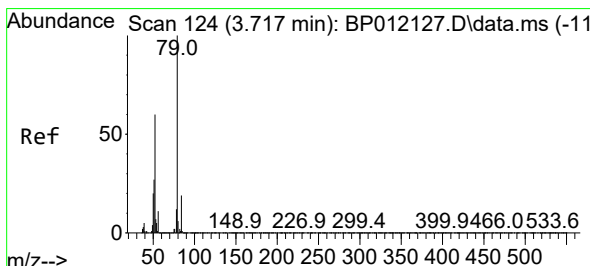
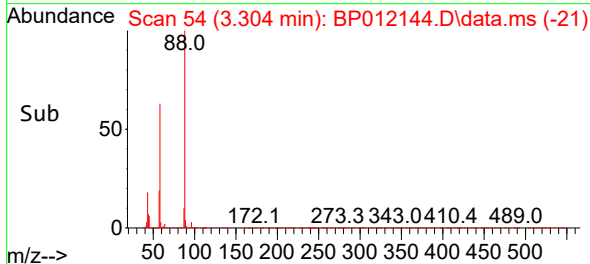
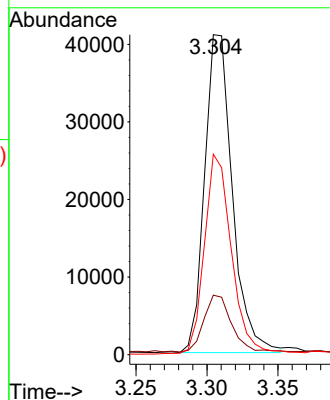
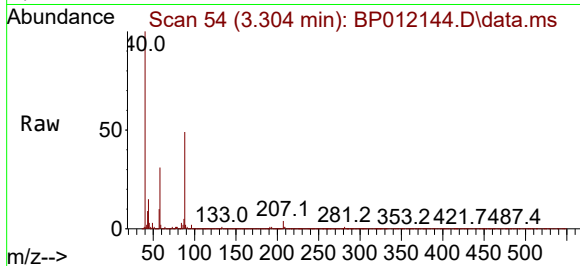




#2
1,4-Dioxane
Concen: 6.656 ng/uL
RT: 3.304 min Scan# 54
Delta R.T. -0.006 min
Lab File: BP012144.D
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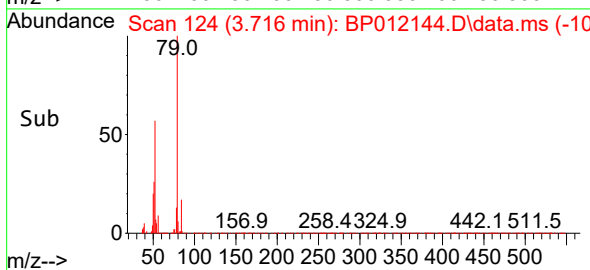
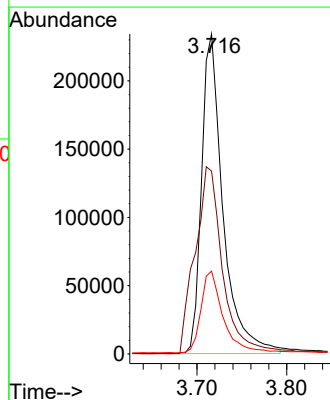
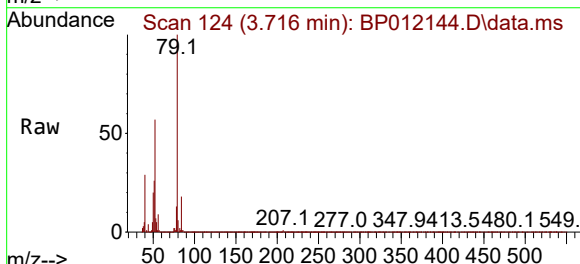
Instrument :
BNA_P
ClientSampleId :

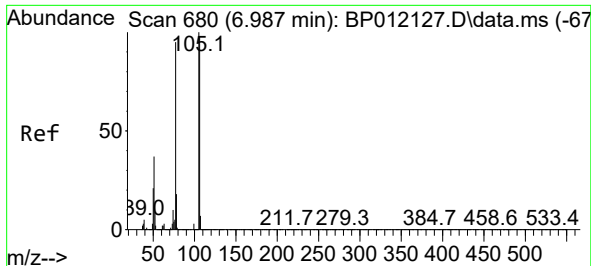
Tgt Ion: 88 Resp: 55806
Ion Ratio Lower Upper
88 100
43 18.6 16.6 25.0
58 62.7 52.6 79.0



#5
Pyridine
Concen: 19.144 ng/uL
RT: 3.716 min Scan# 124
Delta R.T. -0.000 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion: 79 Resp: 388667
Ion Ratio Lower Upper
79 100
52 57.2 51.2 76.8
51 25.9 22.8 34.2

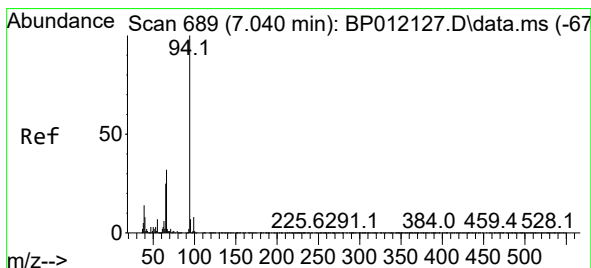
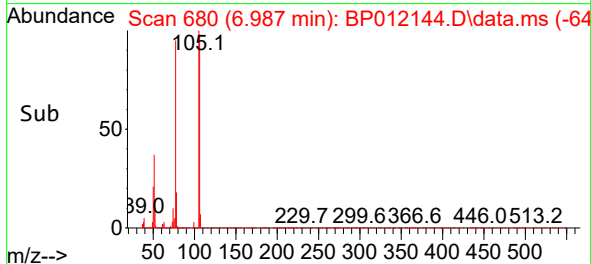
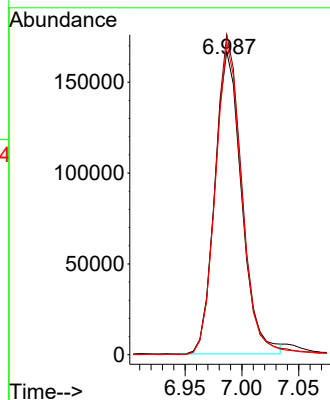
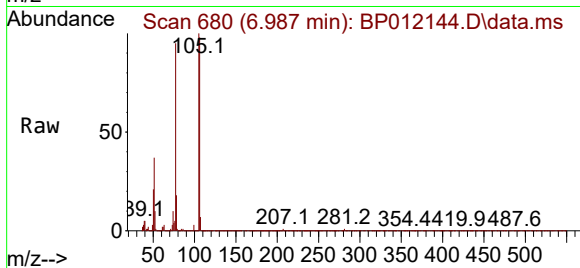




#6
Benzaldehyde
Concen: 23.044 ng/ul
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

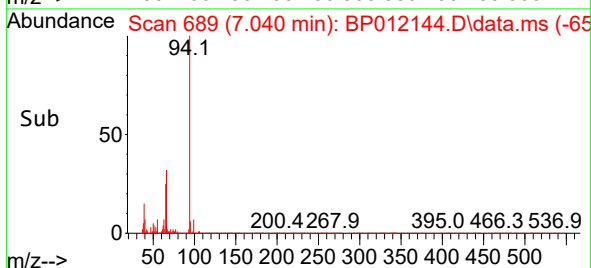
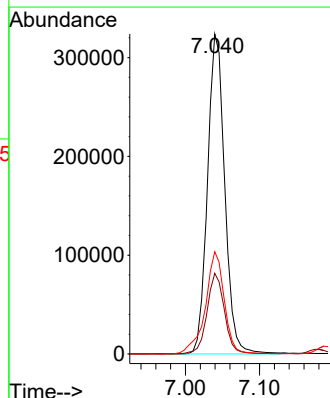
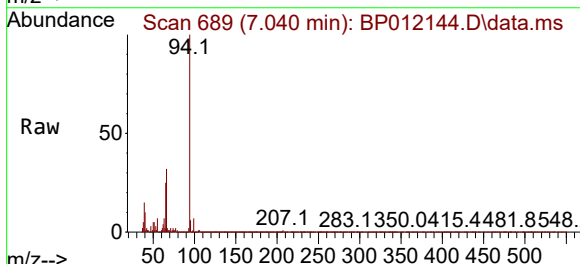
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BNA_P
ClientSampleId :

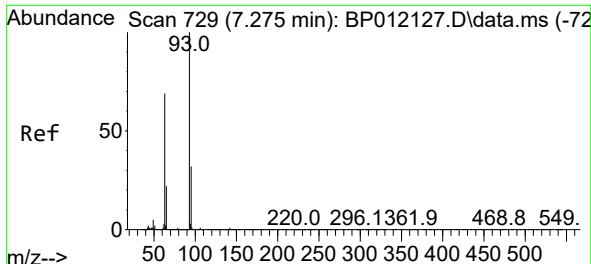
Tgt Ion: 77 Resp: 273147
Ion Ratio Lower Upper
77 100
105 105.6 85.2 127.8
106 103.0 83.1 124.7



#8
Phenol
Concen: 19.716 ng/ul
RT: 7.040 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

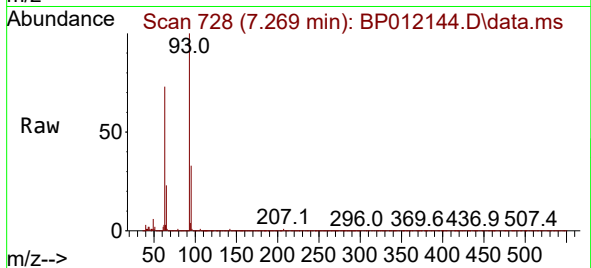
Tgt Ion: 94 Resp: 522937
Ion Ratio Lower Upper
94 100
65 25.2 19.4 29.0
66 32.0 24.6 37.0



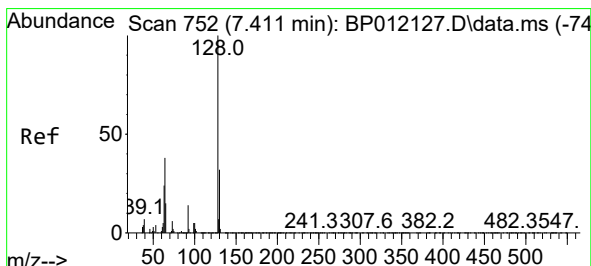
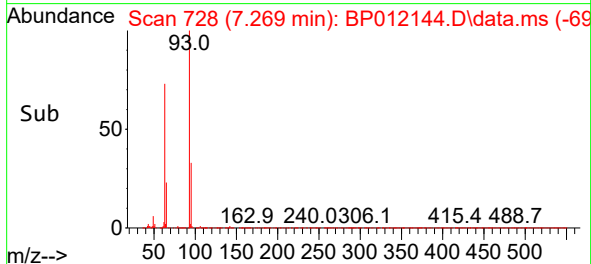
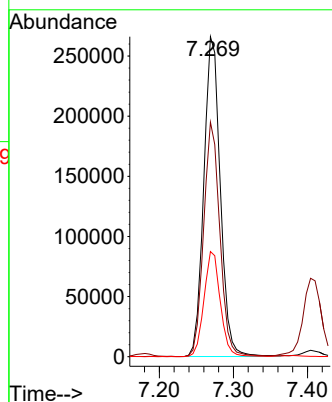


#10
Bis(2-Chloroethyl)ether
Concen: 19.677 ng/ul
RT: 7.269 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Instrument :
BNA_P
ClientSampleId :

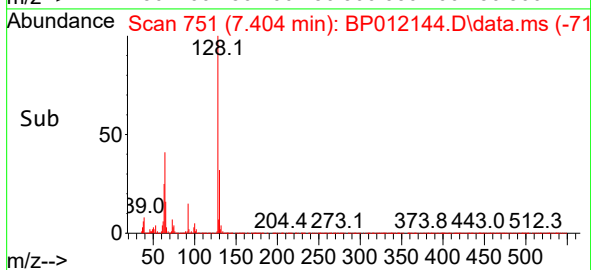
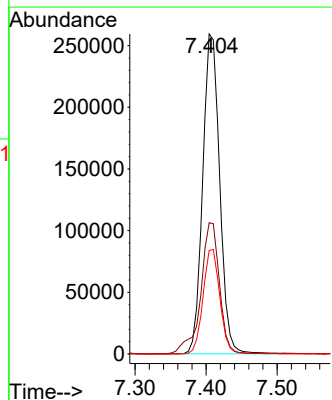
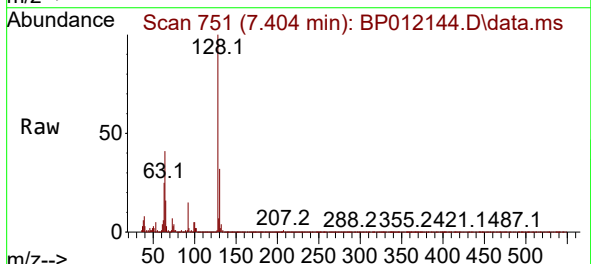


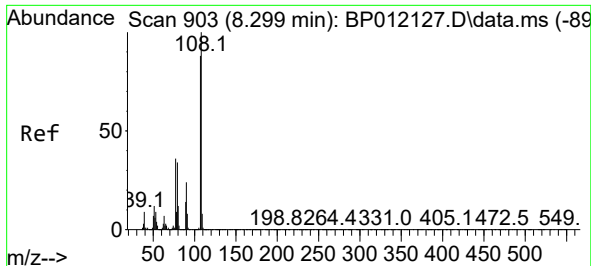
Tgt Ion: 93 Resp: 411765
Ion Ratio Lower Upper
93 100
63 73.3 56.7 85.1
95 32.9 26.2 39.2



#12
2-Chlorophenol
Concen: 19.894 ng/ul
RT: 7.404 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion: 128 Resp: 432984
Ion Ratio Lower Upper
128 100
64 41.0 32.7 49.1
130 32.3 26.3 39.5





#13

2-Methylphenol

Concen: 19.596 ng/ul

RT: 8.292 min Scan# 903

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

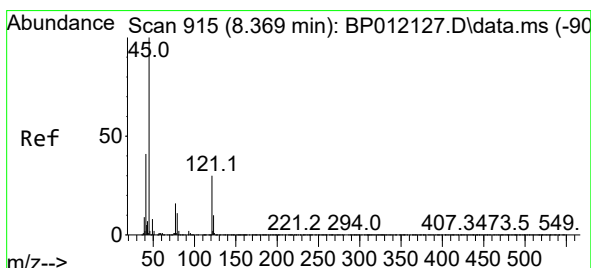
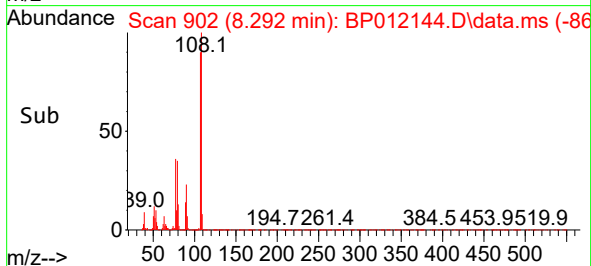
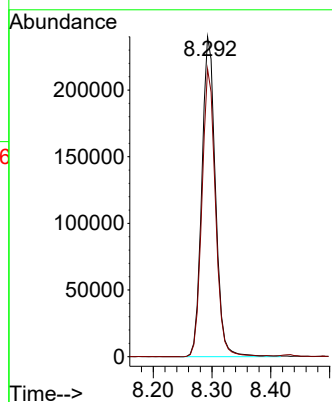
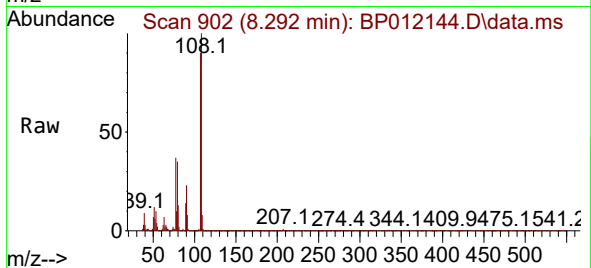
ClientSampleId :

Tgt Ion:108 Resp: 387658

Ion Ratio Lower Upper

108 100

107 89.9 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.239 ng/ul

RT: 8.381 min Scan# 917

Delta R.T. -0.000 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

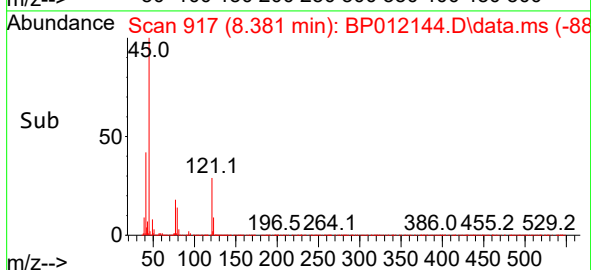
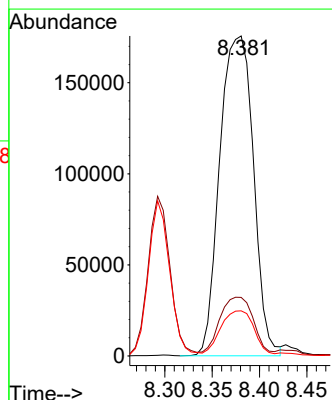
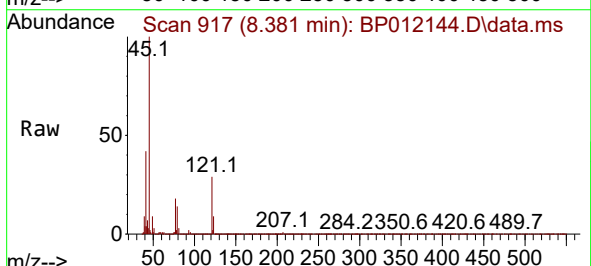
Tgt Ion: 45 Resp: 434112

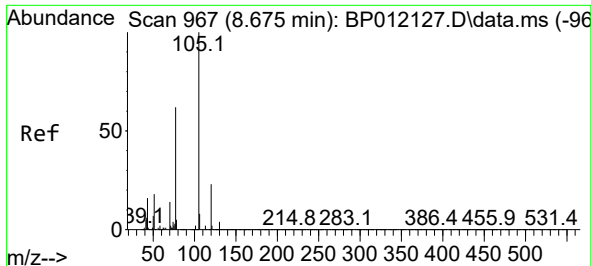
Ion Ratio Lower Upper

45 100

77 18.3 14.4 21.6

79 14.1 11.3 16.9

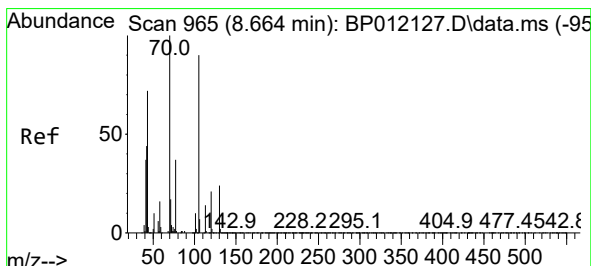
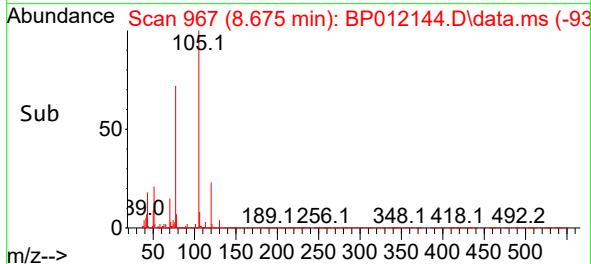
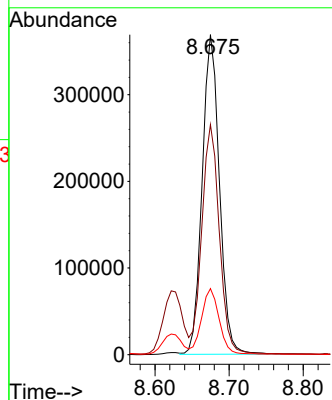
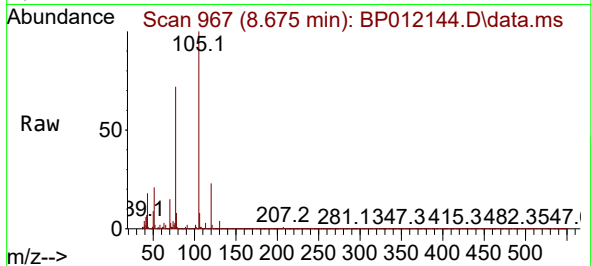




#16
Acetophenone
Concen: 19.942 ng/ul
RT: 8.675 min Scan# 90
Delta R.T. -0.006 min
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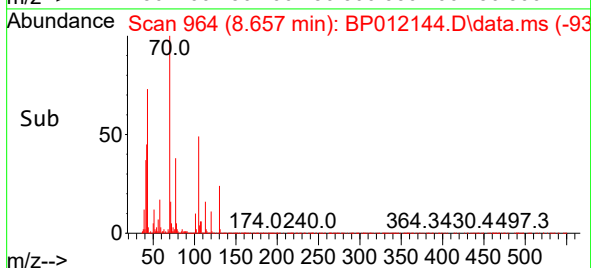
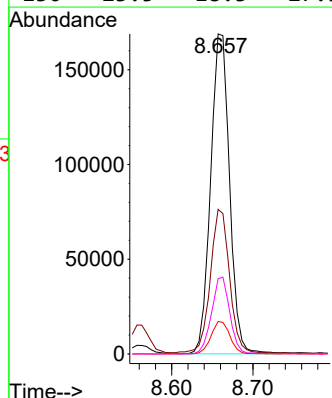
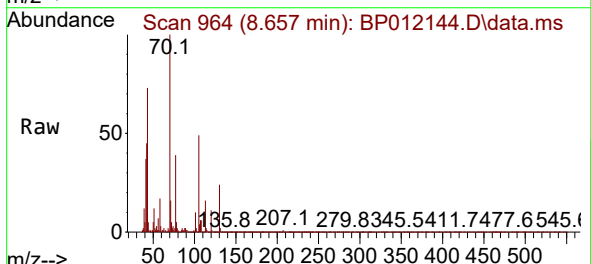
Instrument :
BNA_P
ClientSampleId :

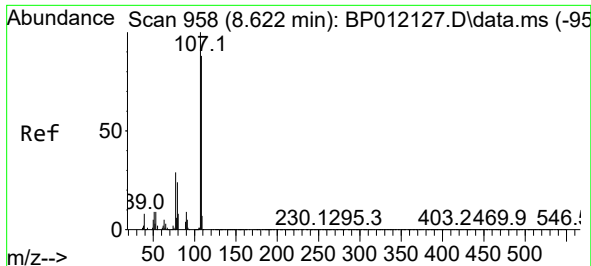
Tgt Ion:105 Resp: 596609
Ion Ratio Lower Upper
105 100
77 71.9 57.0 85.4
51 20.7 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 20.043 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion: 70 Resp: 273113
Ion Ratio Lower Upper
70 100
42 45.2 34.6 52.0
101 10.1 8.0 12.0
130 23.5 18.3 27.5

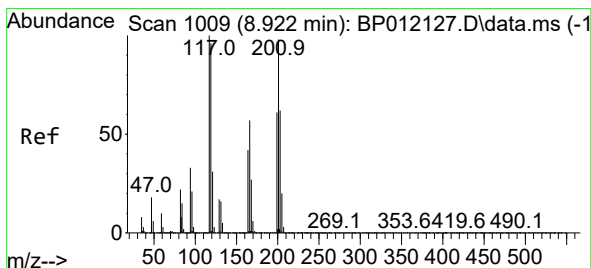
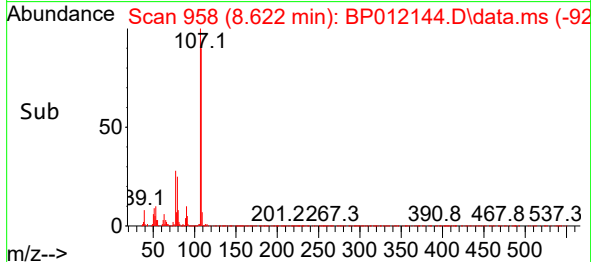
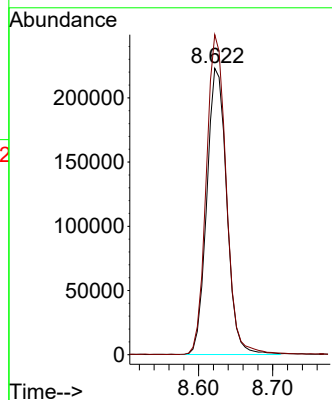
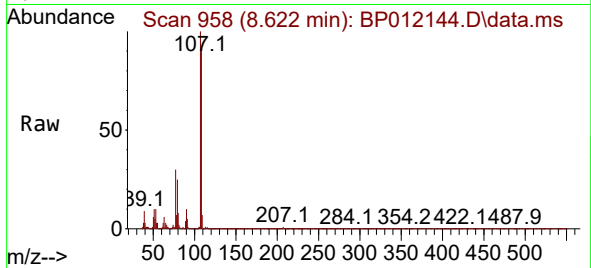




#18
4-Methylphenol
Concen: 19.576 ng/ul
RT: 8.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

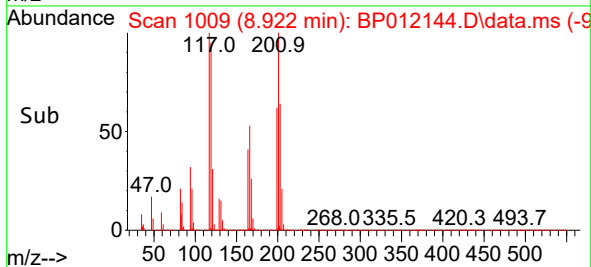
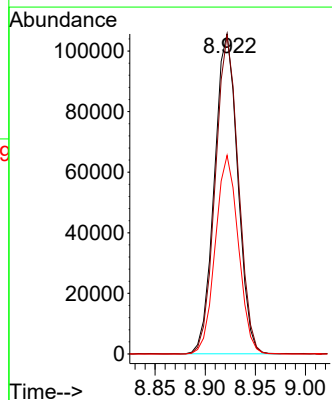
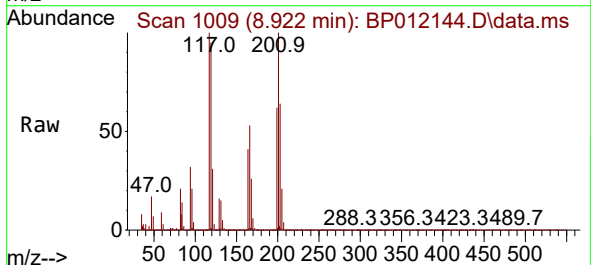
Instrument :
BNA_P
ClientSampleId :

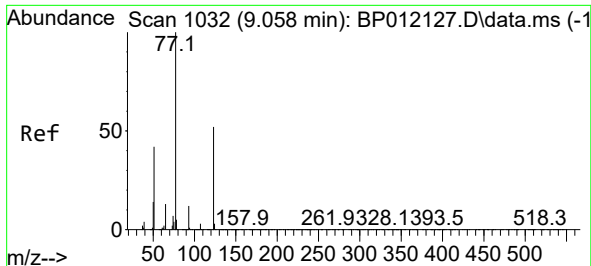
Tgt Ion:108 Resp: 417400
Ion Ratio Lower Upper
108 100
107 111.7 86.3 129.5



#19
Hexachloroethane
Concen: 20.289 ng/ul
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:117 Resp: 170452
Ion Ratio Lower Upper
117 100
201 99.6 82.3 123.5
199 62.0 50.0 75.0

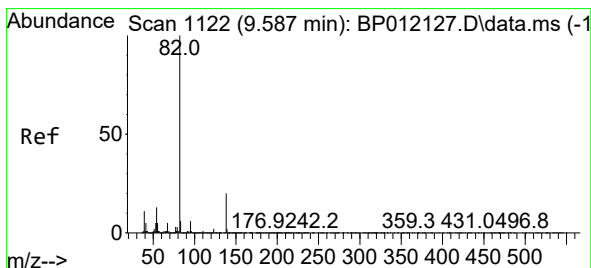
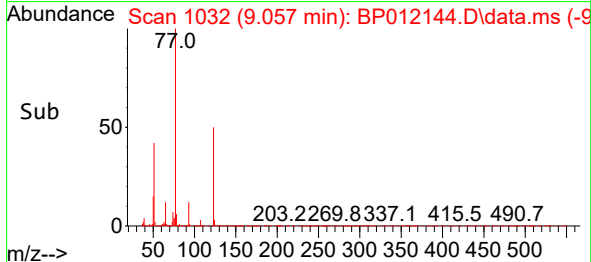
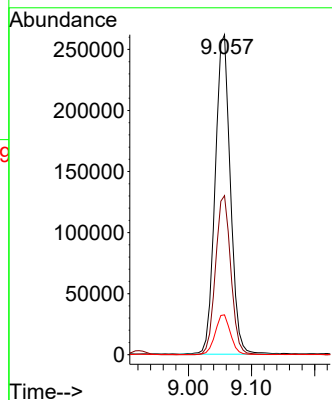
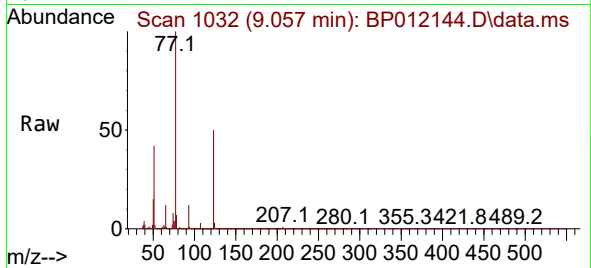




#22
Nitrobenzene
Concen: 20.134 ng/ul
RT: 9.057 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

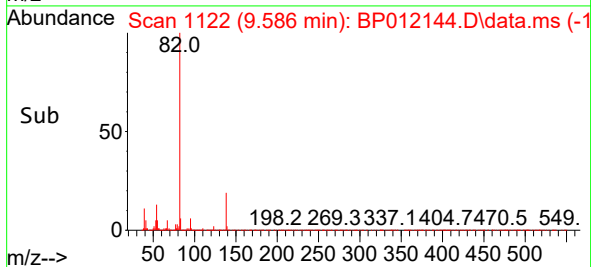
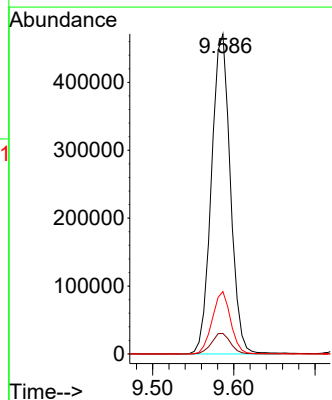
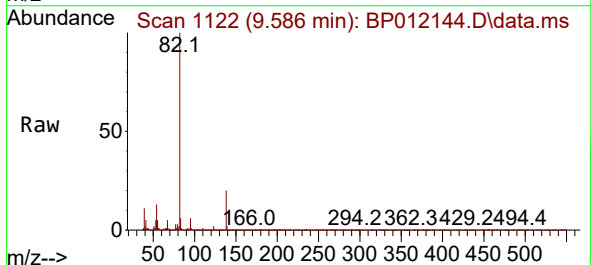
Instrument :
BNA_P
ClientSampleId :

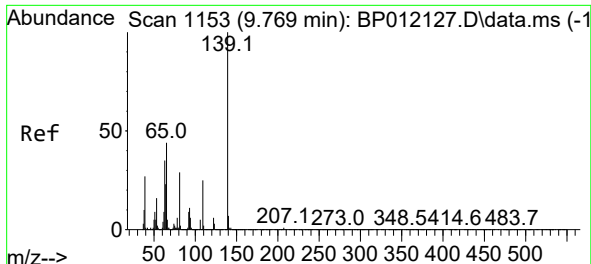
Tgt Ion: 77 Resp: 438664
Ion Ratio Lower Upper
77 100
123 49.7 39.4 59.0
65 12.5 9.9 14.9



#23
Isophorone
Concen: 19.695 ng/ul
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion: 82 Resp: 761121
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 19.5 15.2 22.8

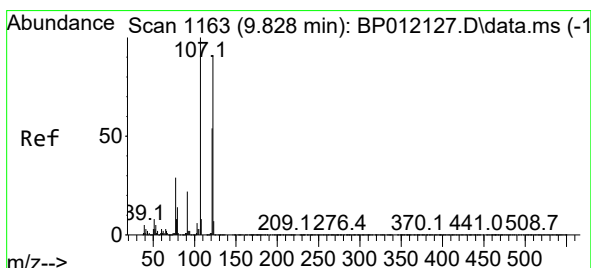
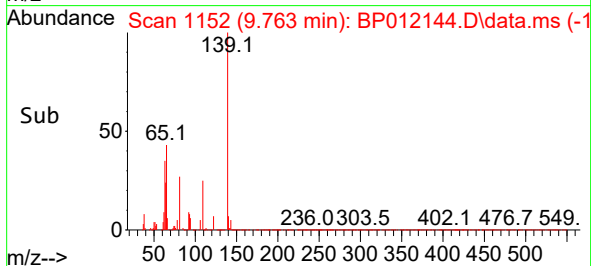
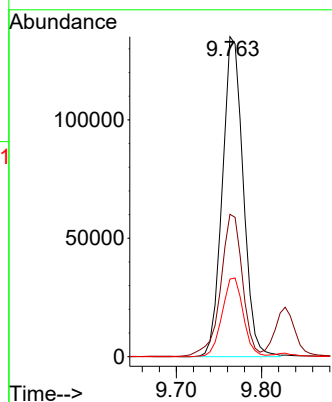
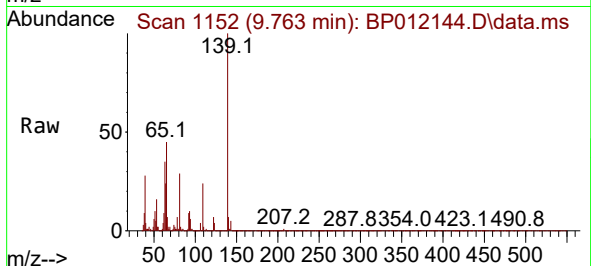




#25
2-Nitrophenol
Concen: 20.283 ng/ul
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

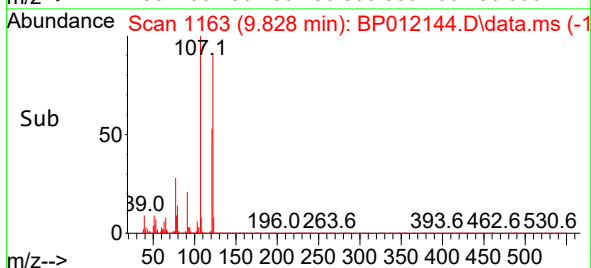
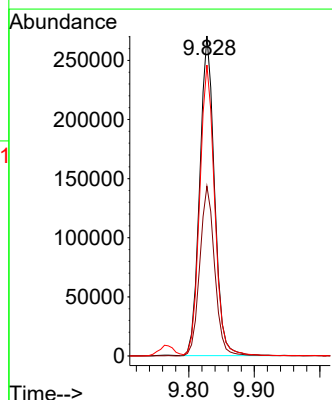
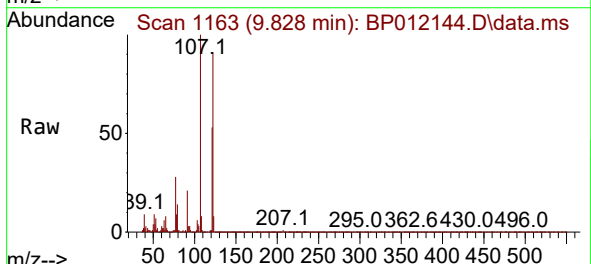
Instrument :
BNA_P
ClientSampleId :

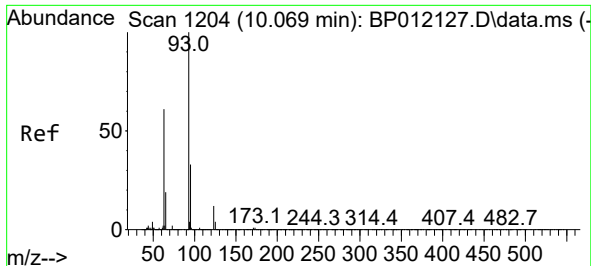
Tgt Ion:139 Resp: 229645
Ion Ratio Lower Upper
139 100
65 44.5 36.3 54.5
109 24.3 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 19.303 ng/ul
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:107 Resp: 425646
Ion Ratio Lower Upper
107 100
121 53.0 43.0 64.4
122 90.9 71.4 107.2

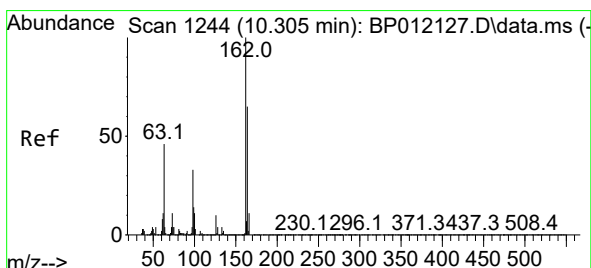
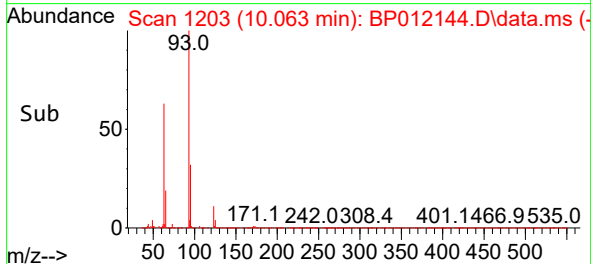
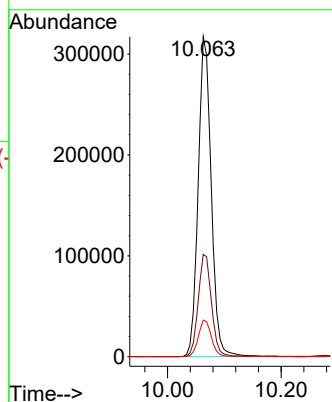
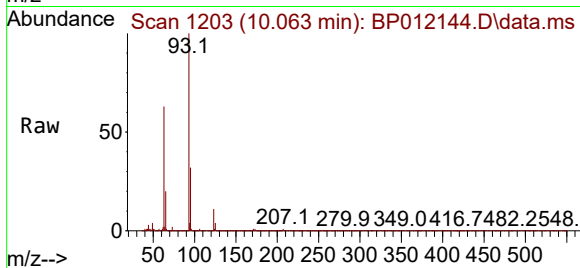




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.140 ng/ul
 RT: 10.063 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP012144.D
 Acq: 14 Oct 2022 18:44

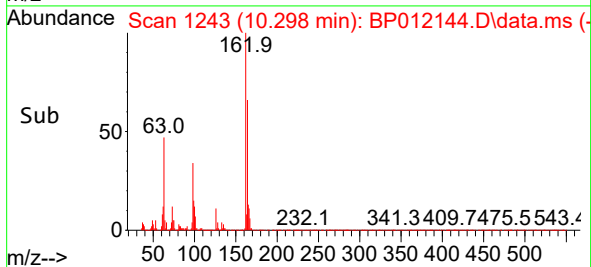
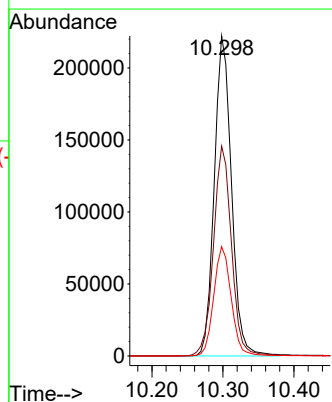
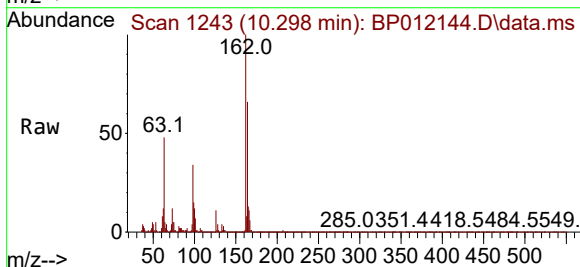
Instrument :
 BNA_P
 ClientSampleId :

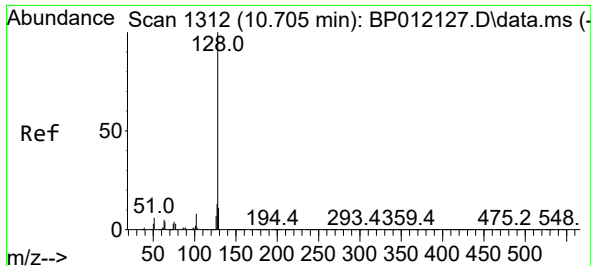
Tgt Ion: 93 Resp: 507582
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.7 38.5
 123 11.4 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 19.022 ng/ul
 RT: 10.298 min Scan# 1243
 Delta R.T. -0.012 min
 Lab File: BP012144.D
 Acq: 14 Oct 2022 18:44

Tgt Ion: 162 Resp: 373355
 Ion Ratio Lower Upper
 162 100
 164 65.6 51.5 77.3
 98 34.2 26.3 39.5

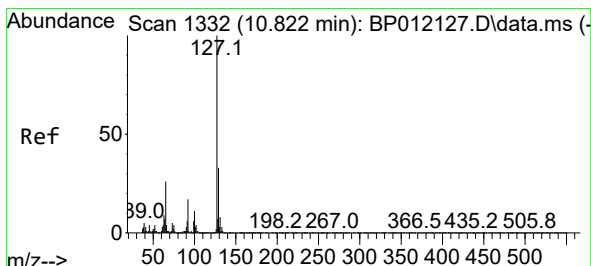
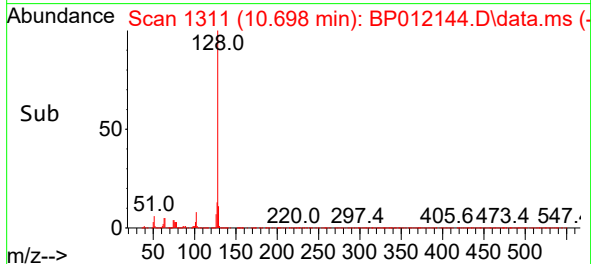
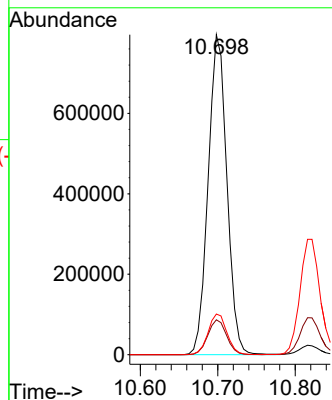
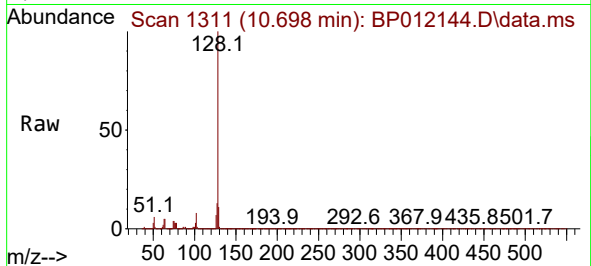




#30
Naphthalene
Concen: 18.755 ng/ul
RT: 10.698 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

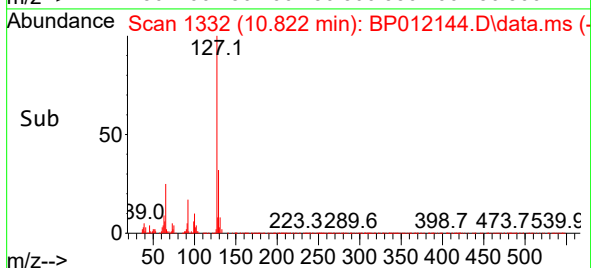
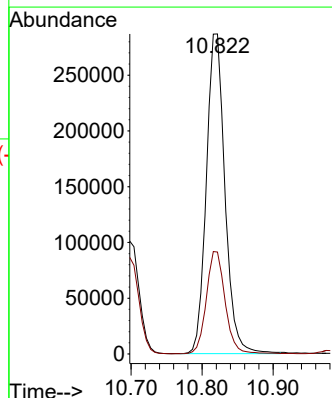
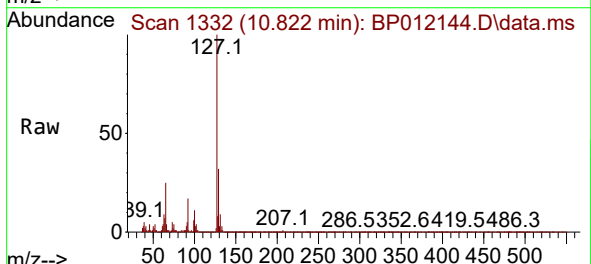
Instrument :
BNA_P
ClientSampleId :

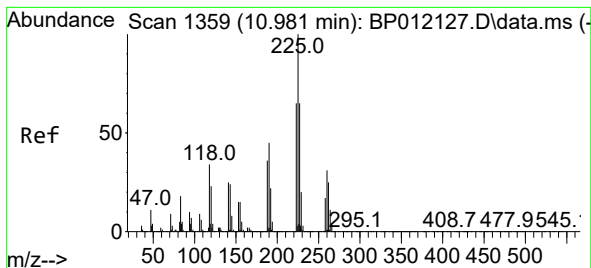
Tgt Ion:128 Resp: 1333750
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 18.418 ng/ul
RT: 10.822 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:127 Resp: 522634
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4





#33

Hexachlorobutadiene

Concen: 18.510 ng/ul

RT: 10.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

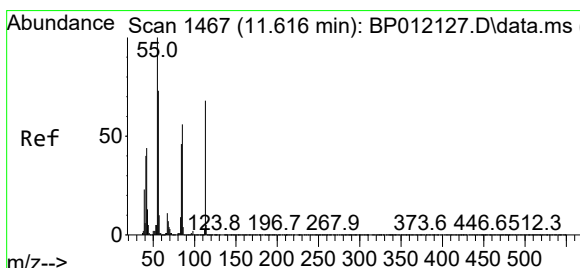
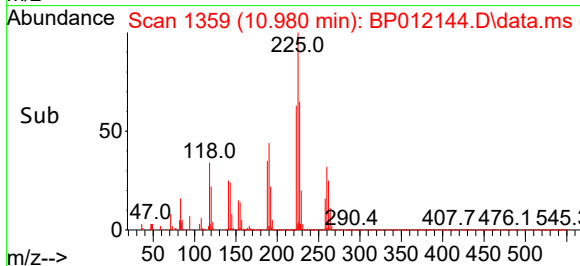
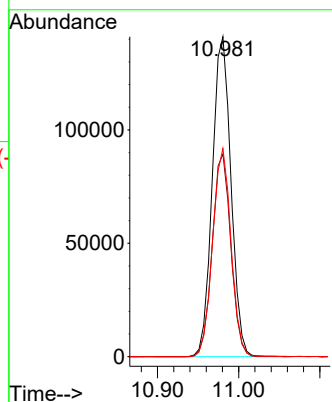
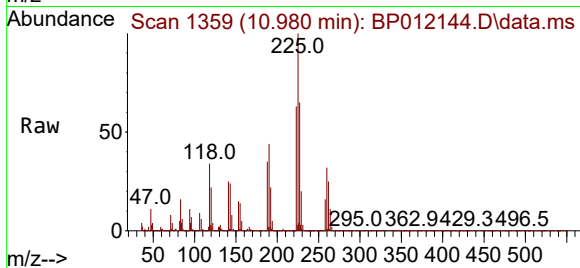
Tgt Ion:225 Resp: 225292

Ion Ratio Lower Upper

225 100

223 63.3 50.9 76.3

227 65.0 51.1 76.7



#34

Caprolactam

Concen: 17.139 ng/ul

RT: 11.610 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

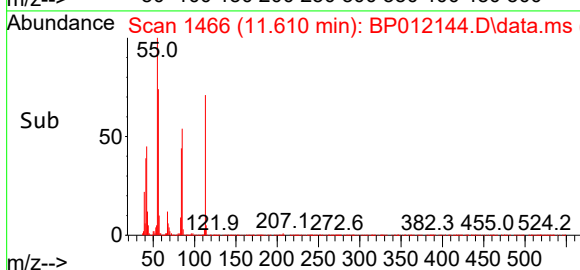
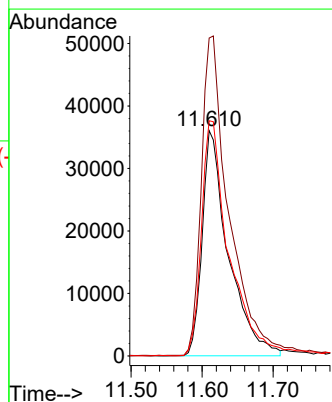
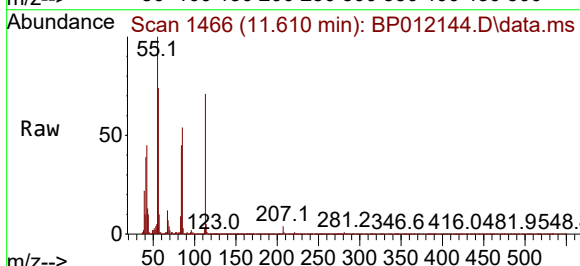
Tgt Ion:113 Resp: 92438

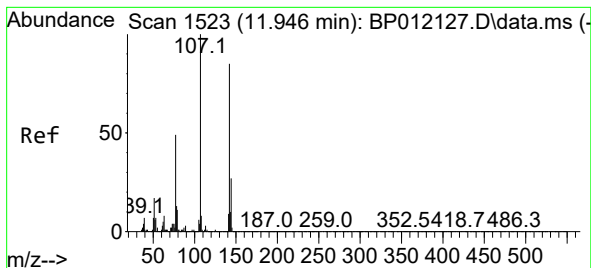
Ion Ratio Lower Upper

113 100

55 141.1 115.2 172.8

56 104.4 85.6 128.4

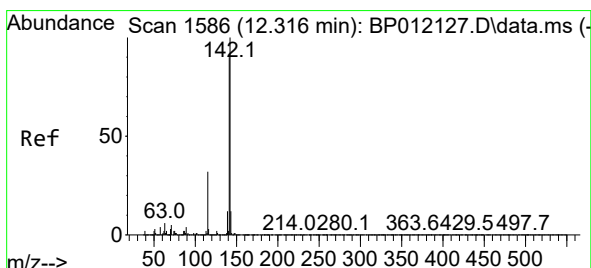
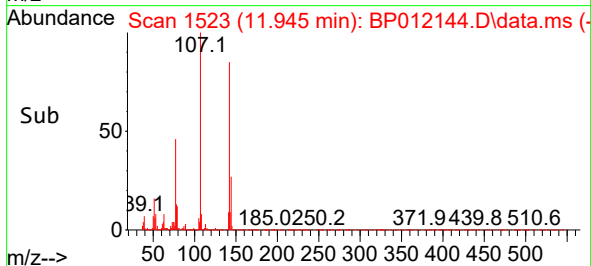
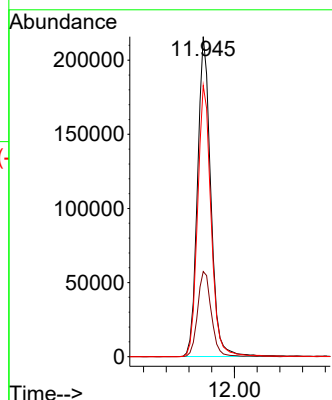
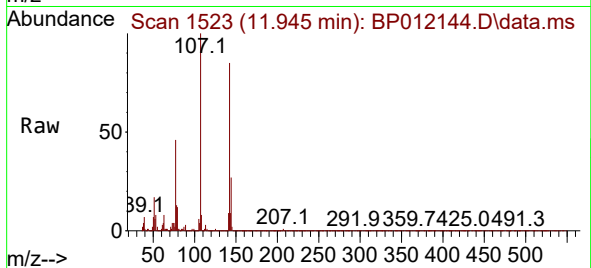




#35
4-Chloro-3-methylphenol
Concen: 18.858 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

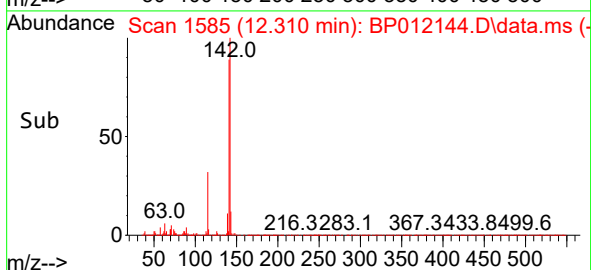
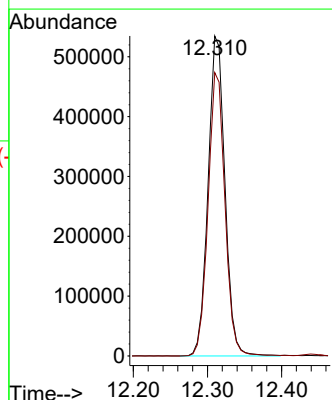
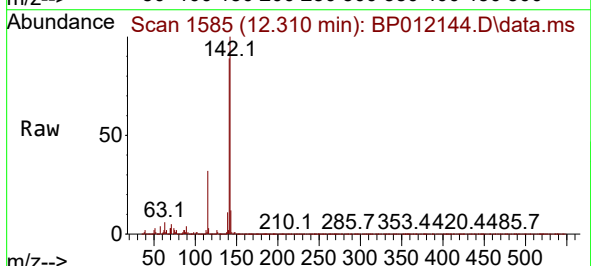
Instrument :
BNA_P
ClientSampleId :

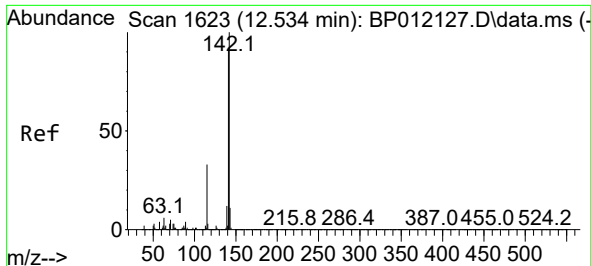
Tgt Ion:107 Resp: 350668
Ion Ratio Lower Upper
107 100
144 26.6 23.0 34.4
142 84.8 69.8 104.8



#36
2-Methylnaphthalene
Concen: 18.429 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:142 Resp: 843915
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1





#37

1-Methylnaphthalene

Concen: 18.295 ng/ul

RT: 12.533 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

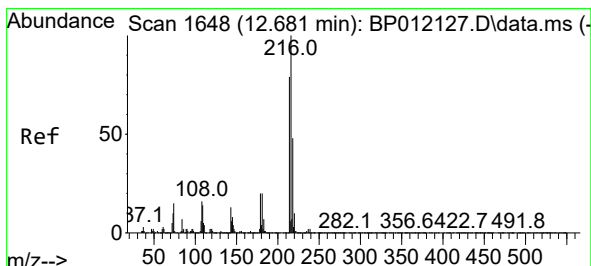
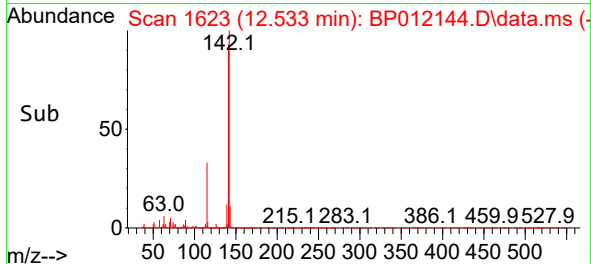
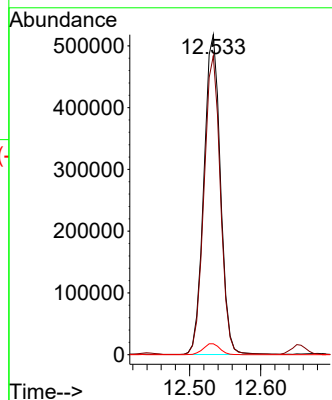
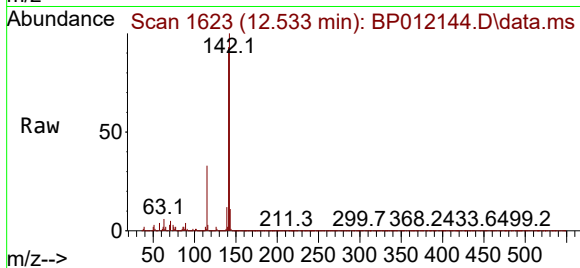
Tgt Ion:142 Resp: 838950

Ion Ratio Lower Upper

142 100

141 93.4 72.9 109.3

116 3.4 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.980 ng/ul

RT: 12.680 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Tgt Ion:216 Resp: 419663

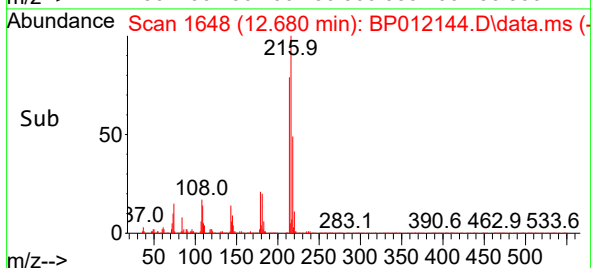
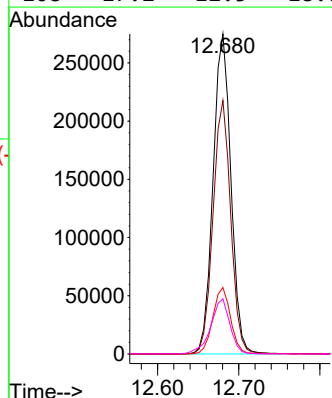
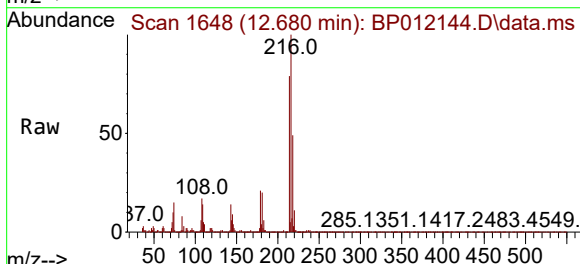
Ion Ratio Lower Upper

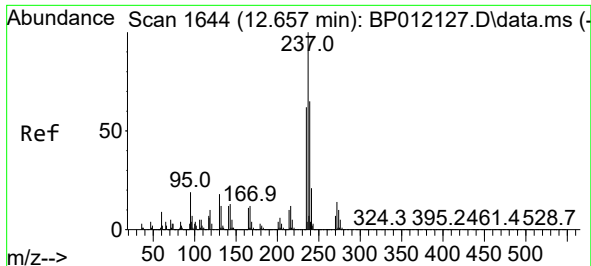
216 100

214 79.2 63.0 94.4

179 20.8 16.3 24.5

108 17.2 12.5 18.7

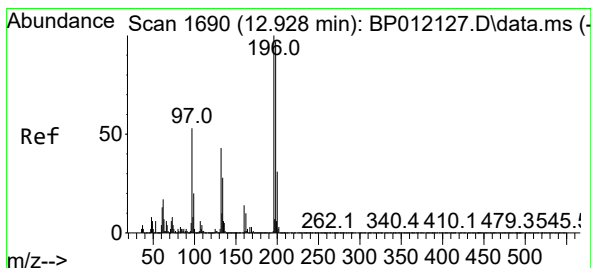
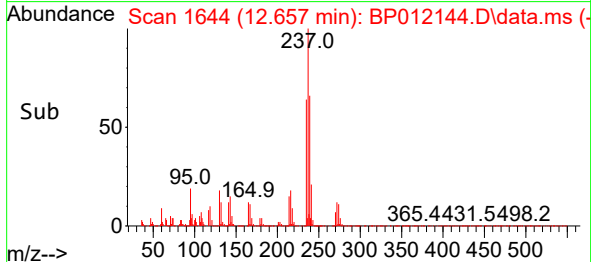
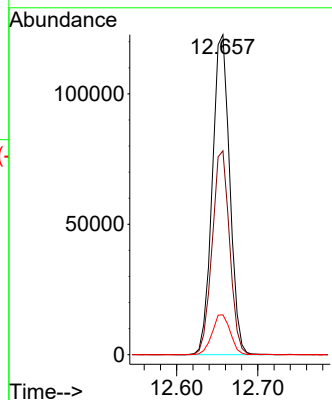
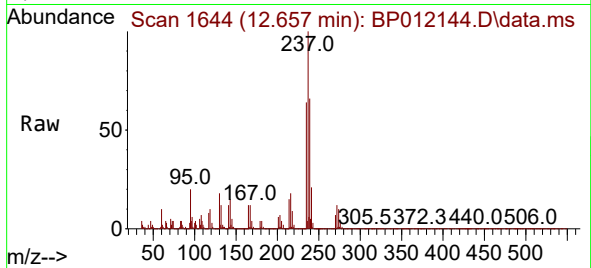




#40
Hexachlorocyclopentadiene
Concen: 17.031 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

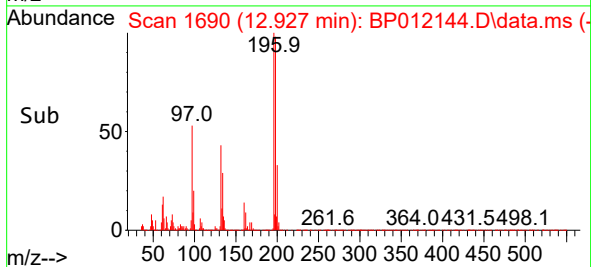
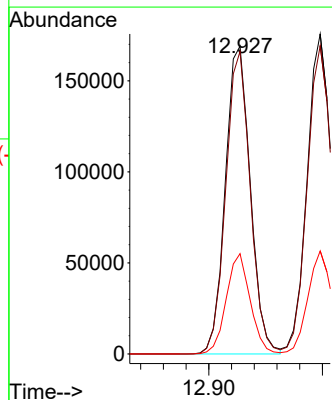
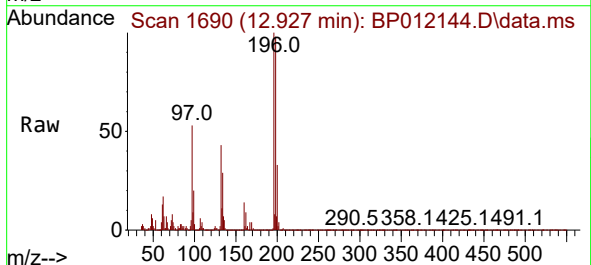
Instrument :
BNA_P
ClientSampleId :

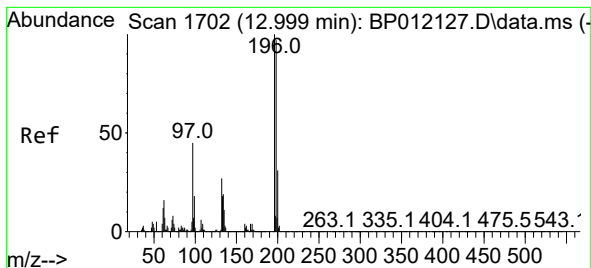
Tgt Ion:237 Resp: 182906
Ion Ratio Lower Upper
237 100
235 63.7 49.8 74.8
272 12.5 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 19.427 ng/ul
RT: 12.927 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:196 Resp: 258745
Ion Ratio Lower Upper
196 100
198 98.3 76.2 114.2
200 32.6 24.2 36.2





#42

2,4,5-Trichlorophenol

Concen: 18.773 ng/ul

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

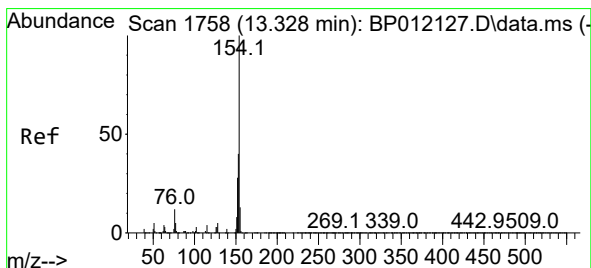
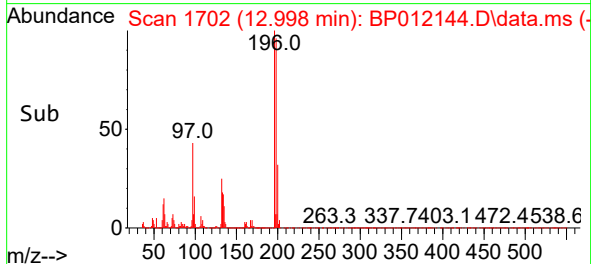
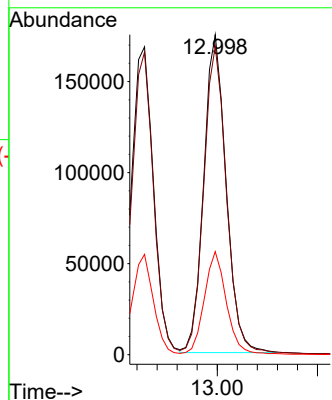
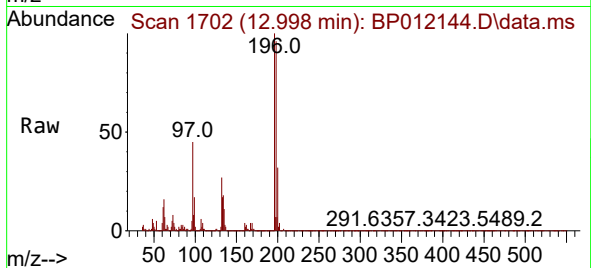
Tgt Ion:196 Resp: 271736

Ion Ratio Lower Upper

196 100

198 96.4 75.4 113.2

200 32.2 24.8 37.2



#43

1,1'-Biphenyl

Concen: 19.045 ng/ul

RT: 13.327 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

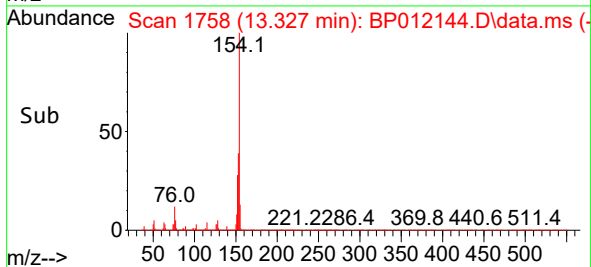
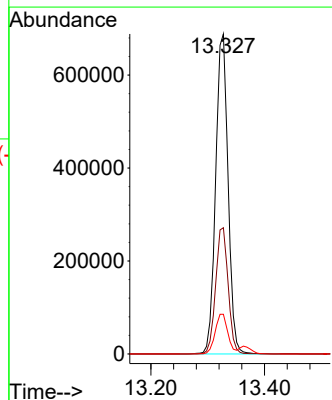
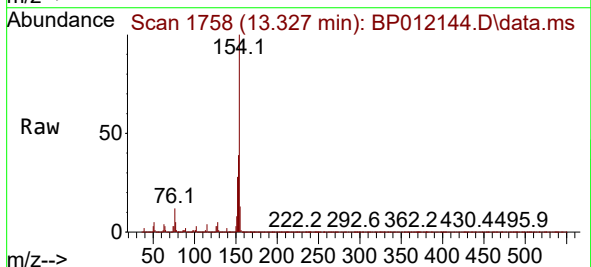
Tgt Ion:154 Resp: 1039992

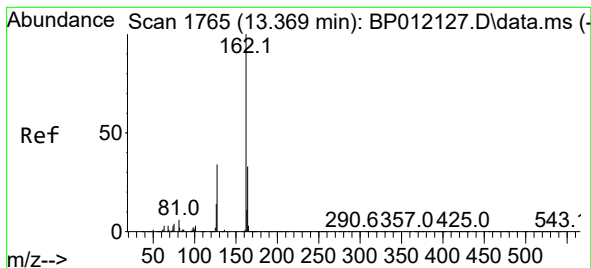
Ion Ratio Lower Upper

154 100

153 39.5 32.2 48.2

76 12.4 10.3 15.5





#44

2-Chloronaphthalene

Concen: 18.955 ng/ul

RT: 13.369 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

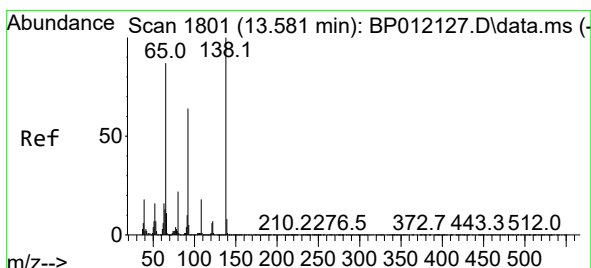
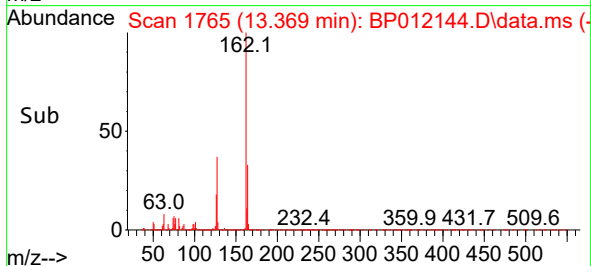
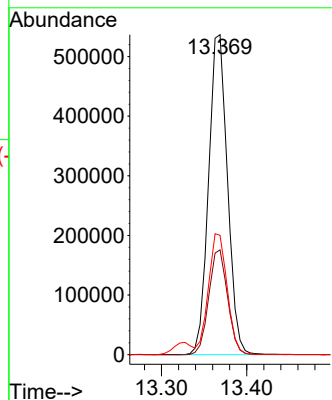
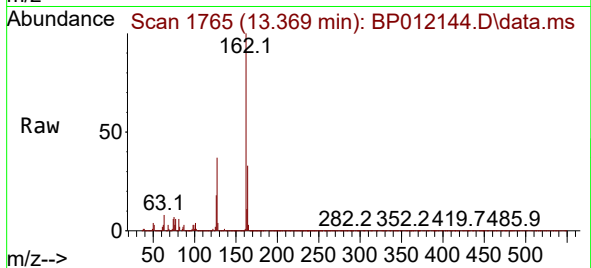
Tgt Ion:162 Resp: 826551

Ion Ratio Lower Upper

162 100

164 32.8 26.0 39.0

127 37.3 29.4 44.2



#45

2-Nitroaniline

Concen: 19.738 ng/ul

RT: 13.580 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

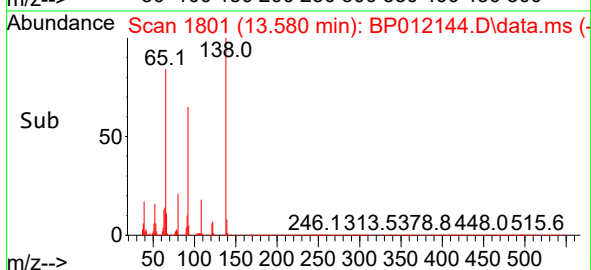
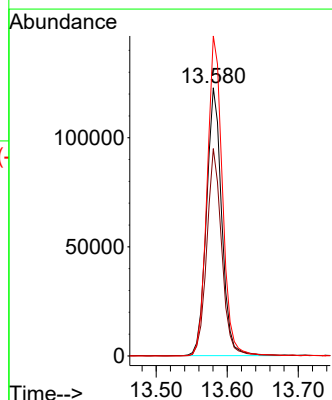
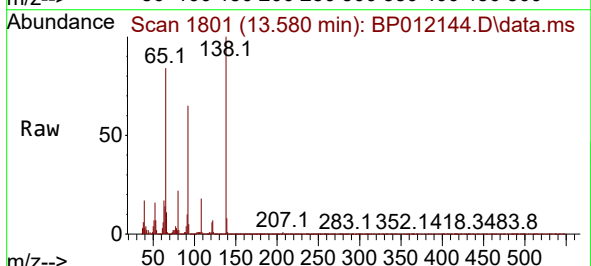
Tgt Ion: 65 Resp: 183603

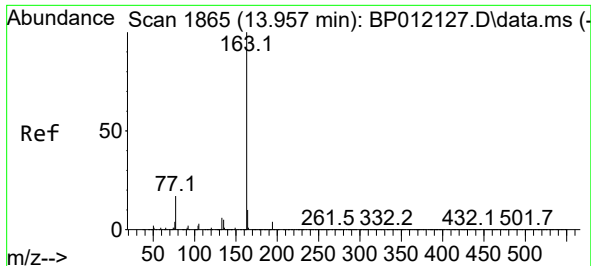
Ion Ratio Lower Upper

65 100

92 77.3 61.6 92.4

138 119.3 96.5 144.7

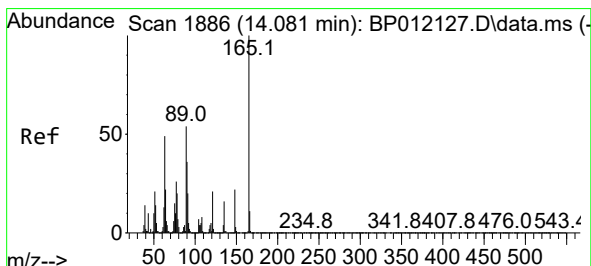
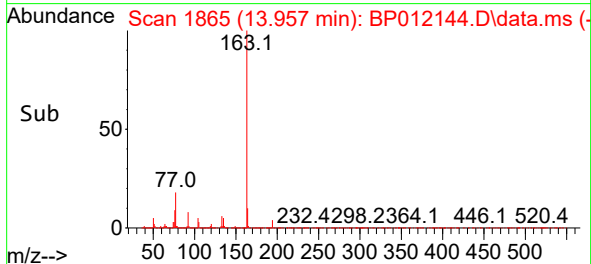
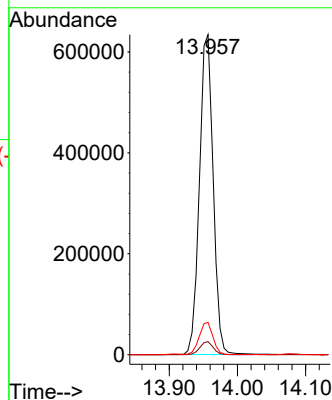
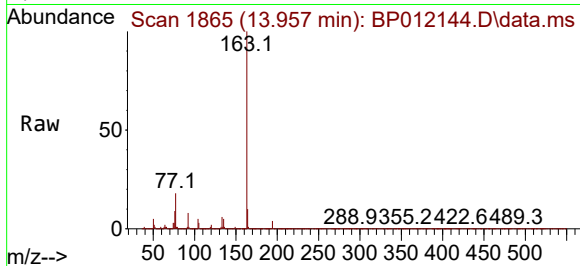




#47
Dimethylphthalate
Concen: 18.415 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

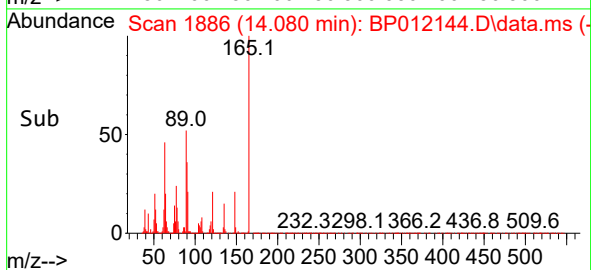
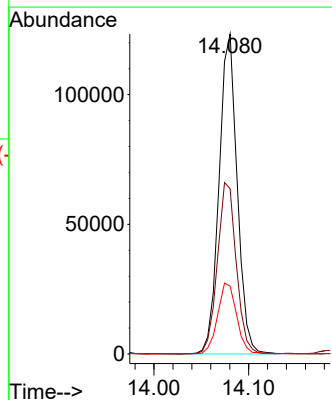
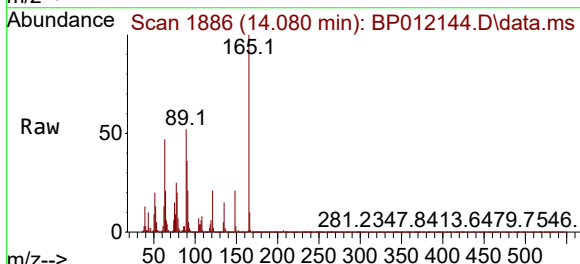
Instrument :
BNA_P
ClientSampleId :

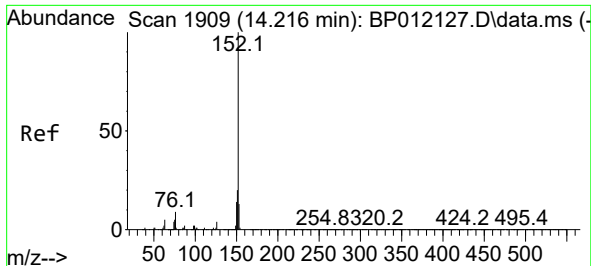
Tgt Ion:163 Resp: 888769
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 19.253 ng/ul
RT: 14.080 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:165 Resp: 164512
Ion Ratio Lower Upper
165 100
89 51.7 43.4 65.0
121 21.2 18.1 27.1

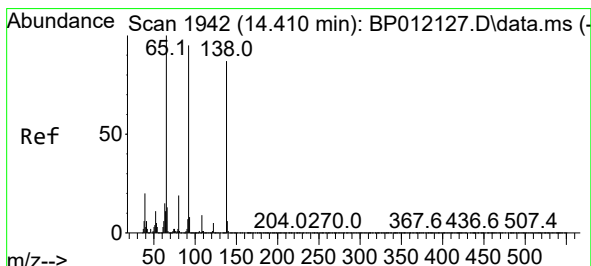
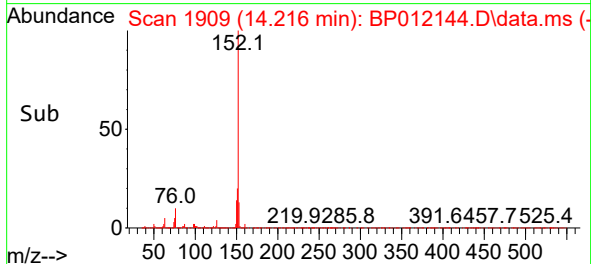
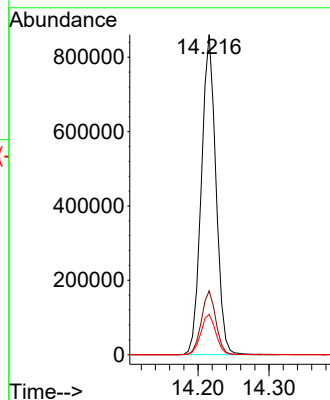
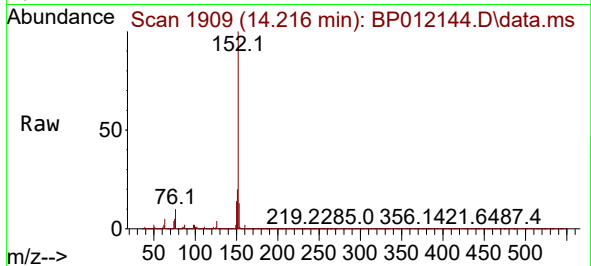




#50
Acenaphthylene
Concen: 19.141 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

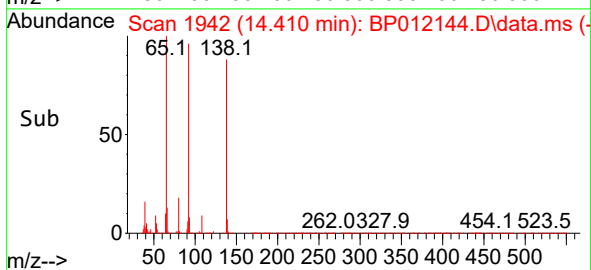
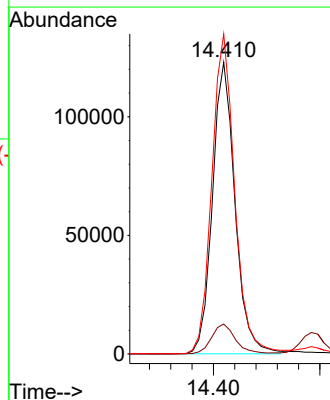
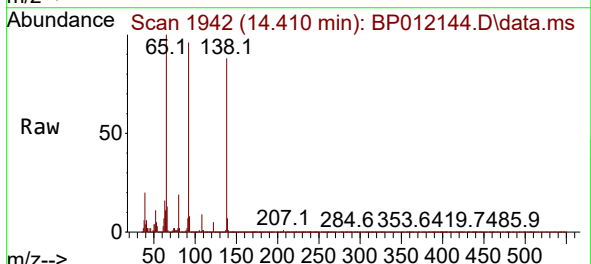
Instrument :
BNA_P
ClientSampleId :

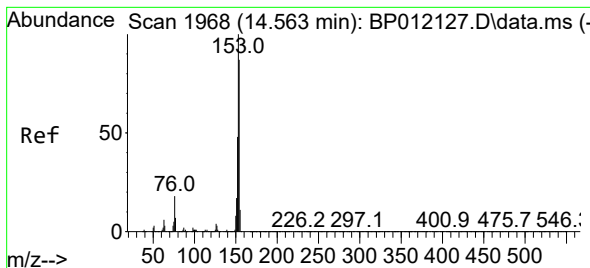
Tgt Ion:152 Resp: 1226848
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.6 10.4 15.6



#51
3-Nitroaniline
Concen: 18.163 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:138 Resp: 180724
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 109.7 85.8 128.8





#52

Acenaphthene

Concen: 18.589 ng/ul

RT: 14.557 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

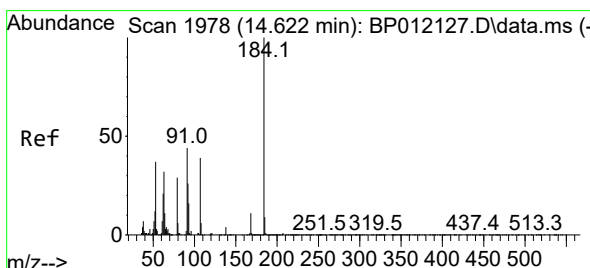
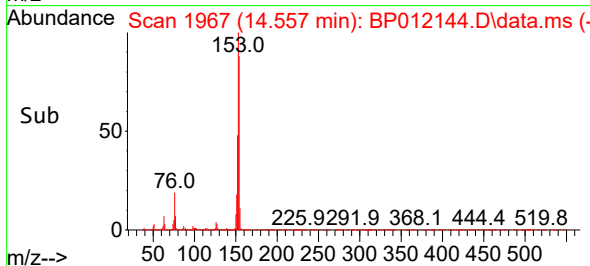
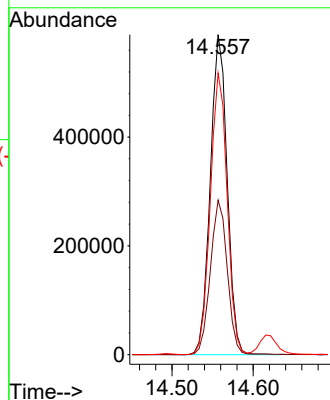
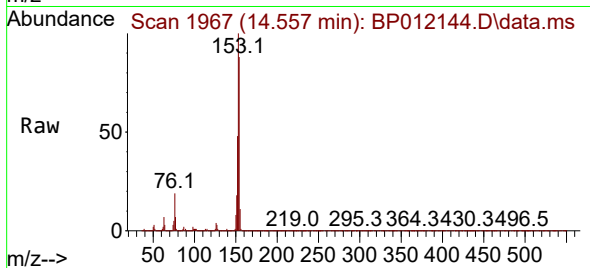
Tgt Ion:153 Resp: 848171

Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.2

154 88.1 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 17.126 ng/ul

RT: 14.616 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

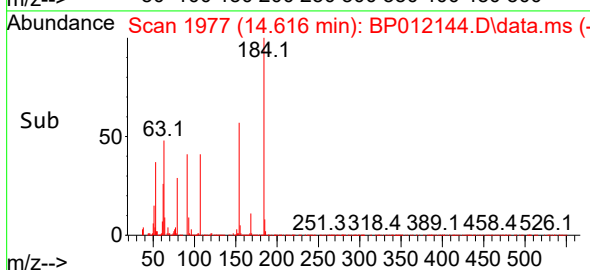
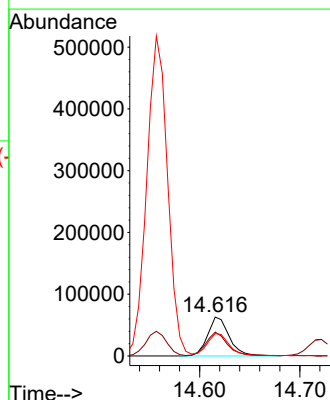
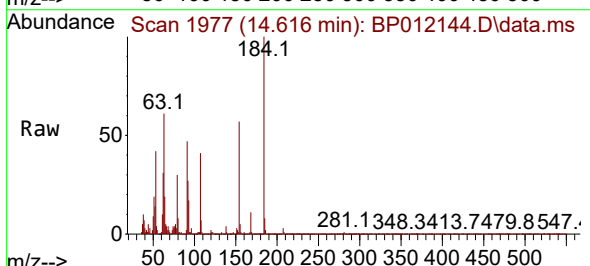
Tgt Ion:184 Resp: 94537

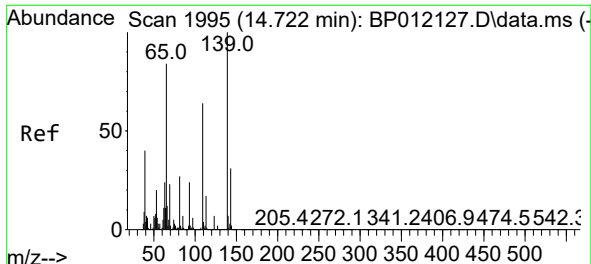
Ion Ratio Lower Upper

184 100

63 61.3 45.5 68.3

154 57.5 47.0 70.6

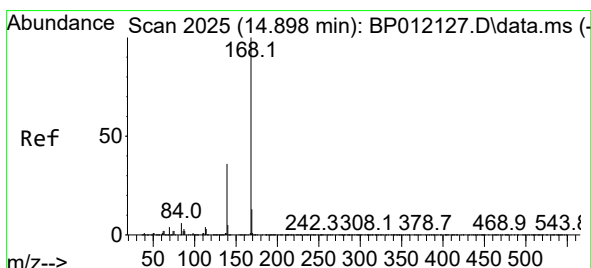
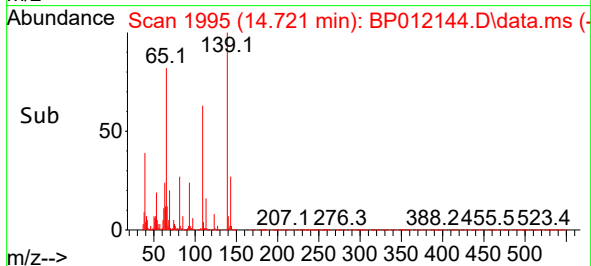
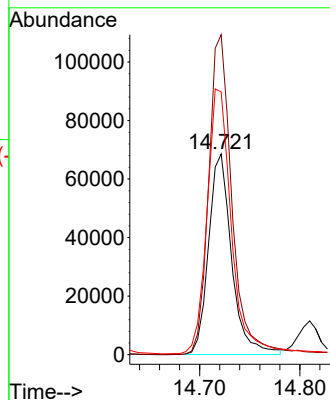
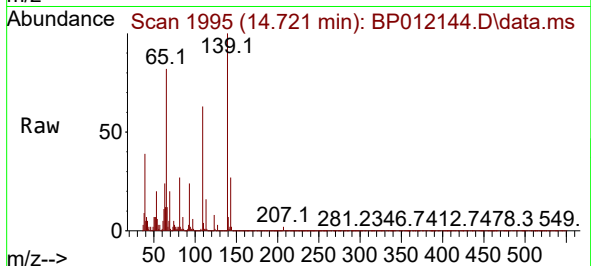




#55
4-Nitrophenol
Concen: 17.651 ng/ul
RT: 14.721 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

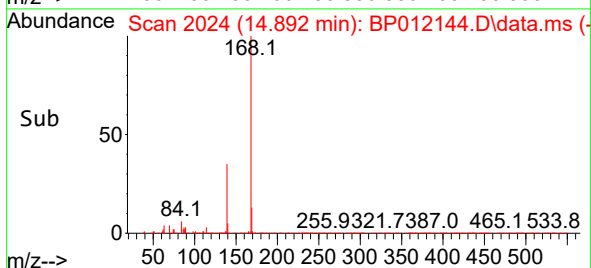
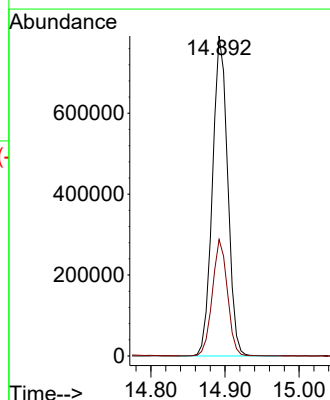
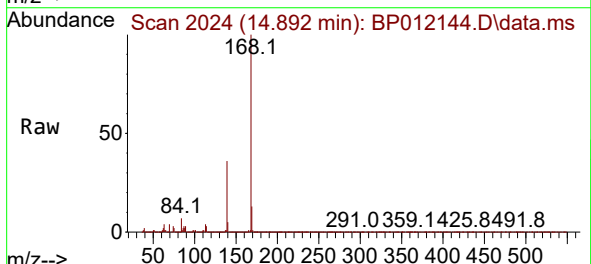
Instrument :
BNA_P
ClientSampleId :

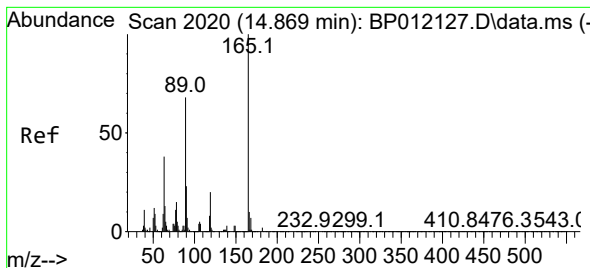
Tgt Ion:109 Resp: 109744
Ion Ratio Lower Upper
109 100
139 159.4 124.1 186.1
65 130.8 104.2 156.4



#56
Dibenzofuran
Concen: 18.277 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:168 Resp: 1127057
Ion Ratio Lower Upper
168 100
139 36.4 28.2 42.4





#57

2,4-Dinitrotoluene

Concen: 19.037 ng/ul

RT: 14.869 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

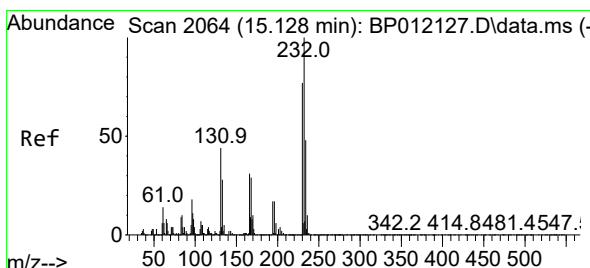
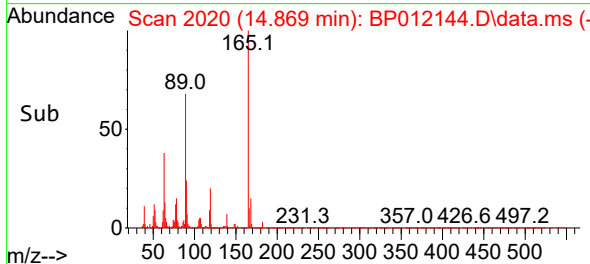
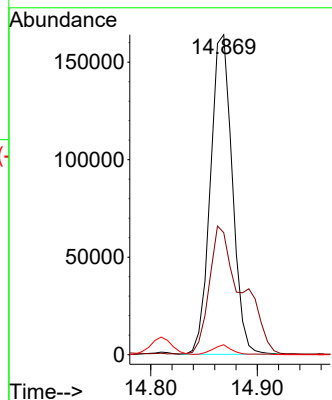
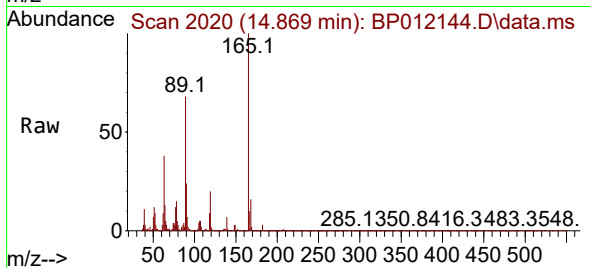
Tgt Ion:165 Resp: 233790

Ion Ratio Lower Upper

165 100

63 38.1 31.1 46.7

182 3.1 1.8 2.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.499 ng/ul

RT: 15.121 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Tgt Ion:232 Resp: 208717

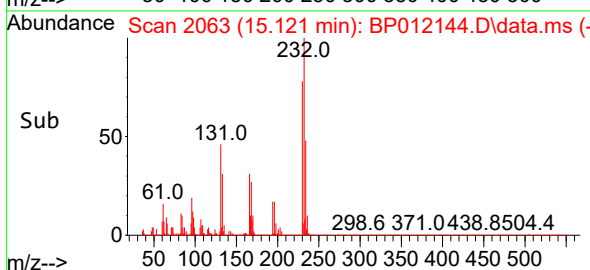
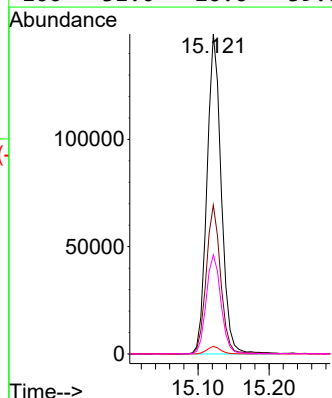
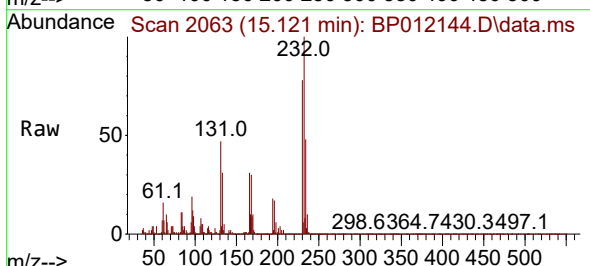
Ion Ratio Lower Upper

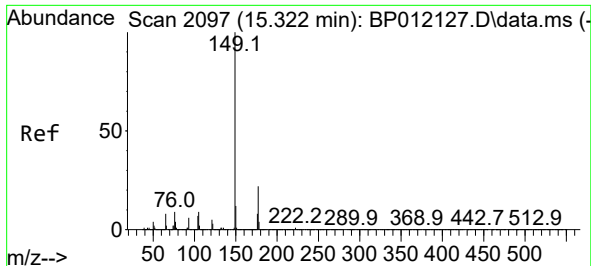
232 100

131 46.5 37.8 56.6

130 2.4 1.8 2.6

166 31.0 26.6 39.8

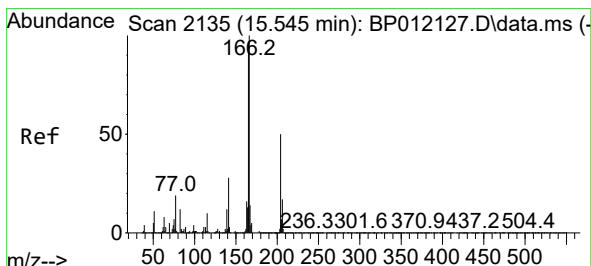
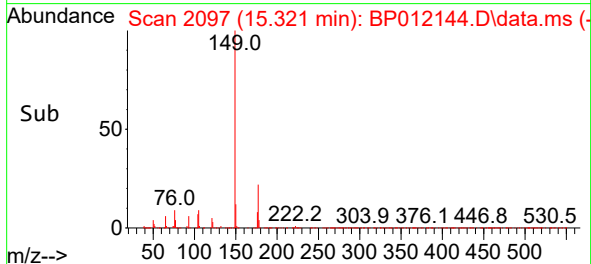
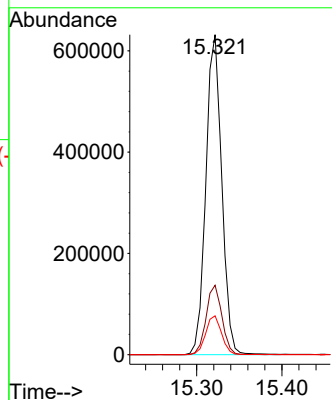
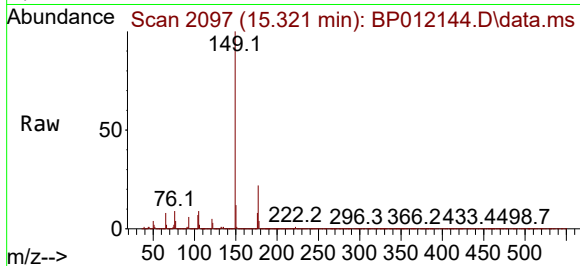




#59
Diethylphthalate
Concen: 18.507 ng/ul
RT: 15.321 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

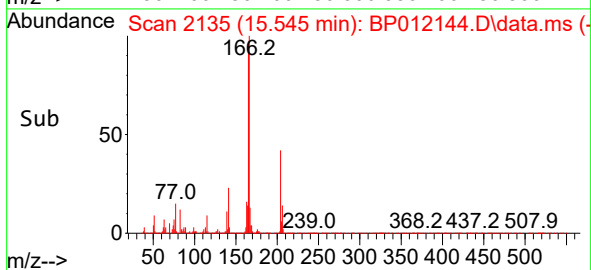
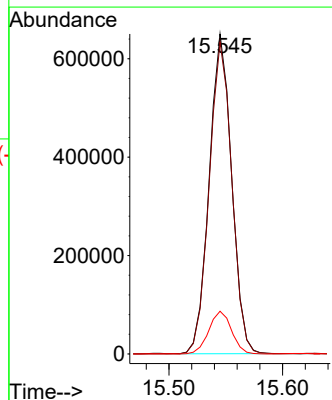
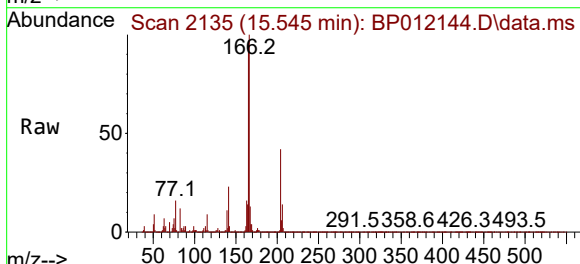
Instrument :
BNA_P
ClientSampleId :

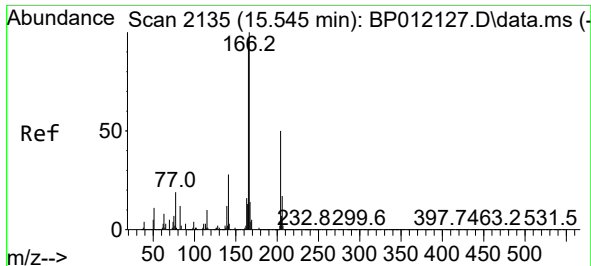
Tgt Ion:149 Resp: 818043
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.2 9.8 14.8



#61
Fluorene
Concen: 18.453 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:166 Resp: 893239
Ion Ratio Lower Upper
166 100
165 97.5 79.5 119.3
167 13.3 10.9 16.3

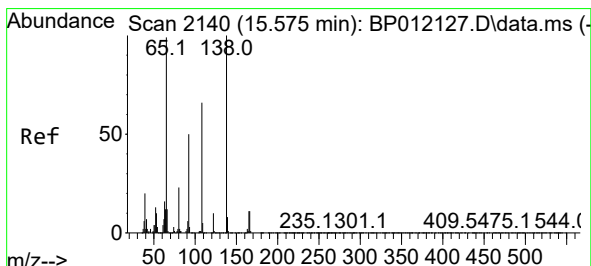
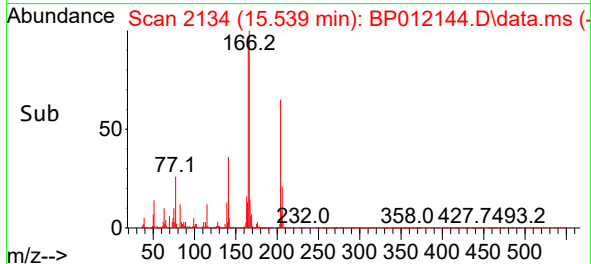
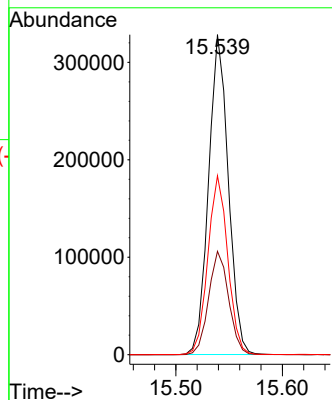
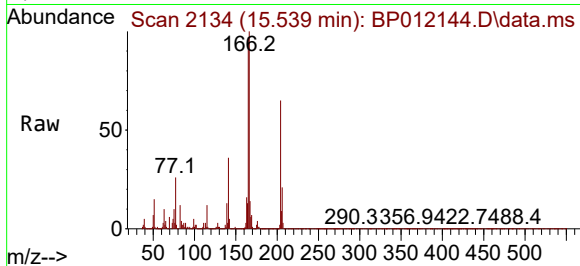




#62
4-Chlorophenyl-phenylether
Concen: 18.083 ng/ul
RT: 15.539 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

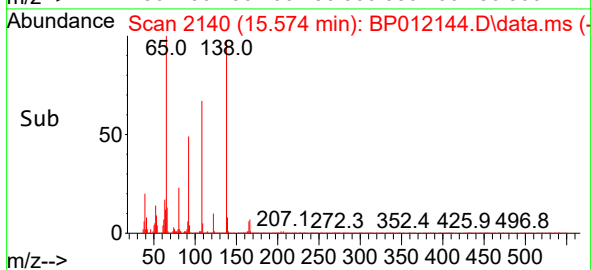
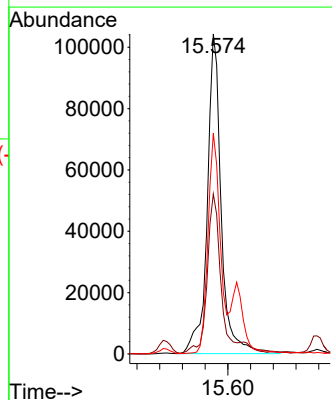
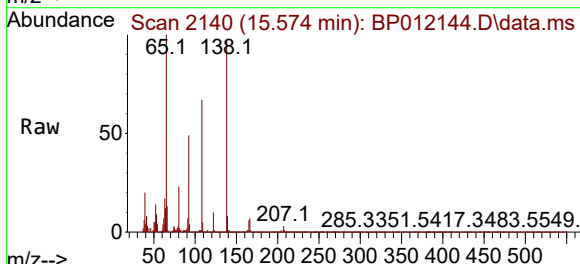
Instrument :
BNA_P
ClientSampleId :

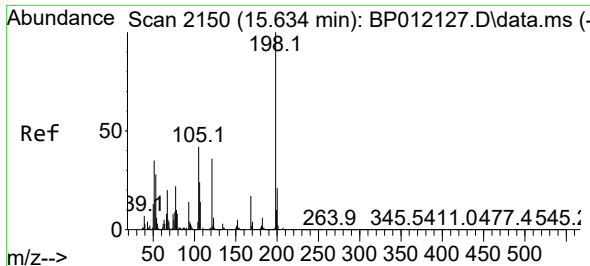
Tgt Ion:204 Resp: 423441
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.2
141 55.9 46.2 69.2



#63
4-Nitroaniline
Concen: 19.526 ng/ul
RT: 15.574 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:138 Resp: 177398
Ion Ratio Lower Upper
138 100
92 50.0 39.2 58.8
108 68.9 55.4 83.0

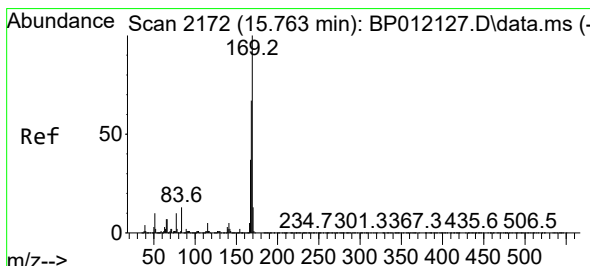
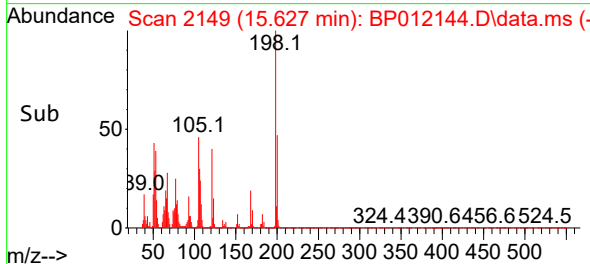
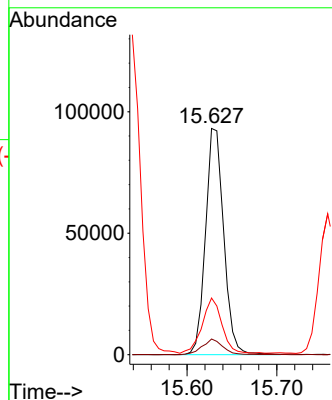
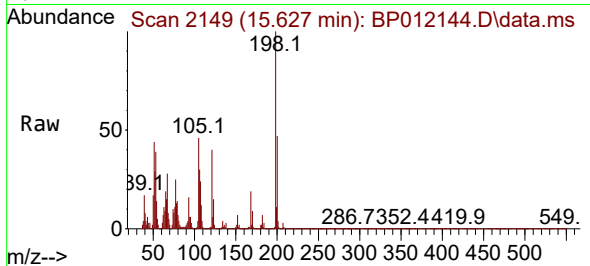




#66
4,6-Dinitro-2-methylphenol
Concen: 17.694 ng/ul
RT: 15.627 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

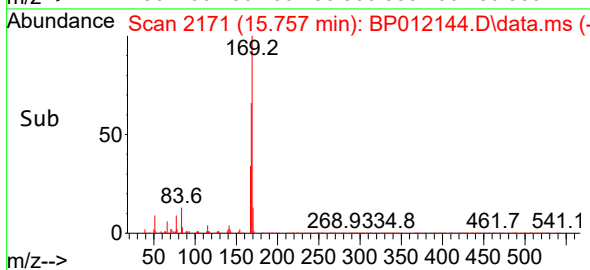
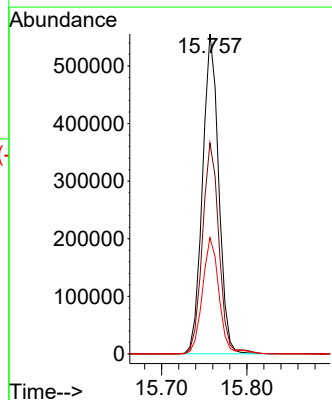
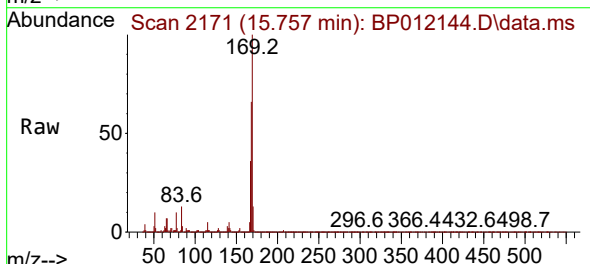
Instrument :
BNA_P
ClientSampleId :

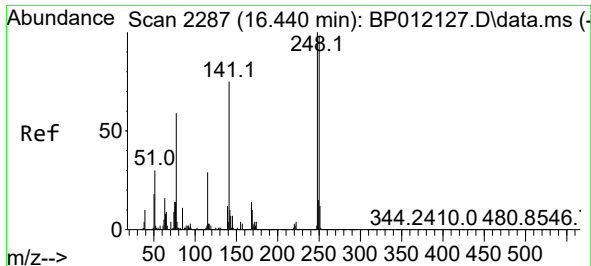
Tgt Ion:198 Resp: 131374
Ion Ratio Lower Upper
198 100
182 6.9 4.9 7.3
77 25.0 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 18.959 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:169 Resp: 729883
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 36.4 29.5 44.3

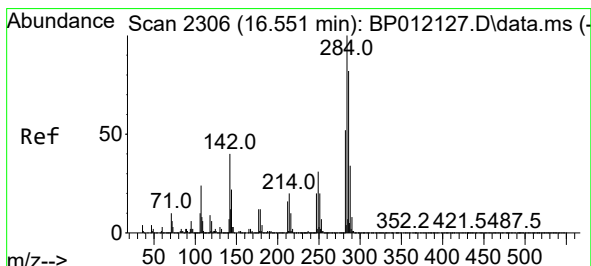
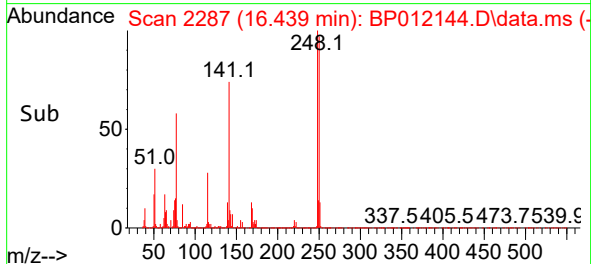
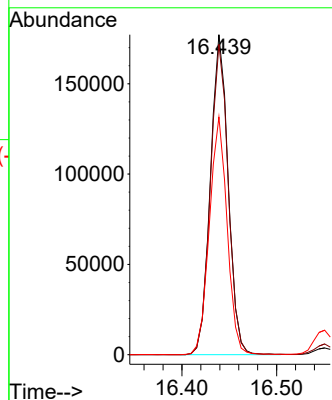
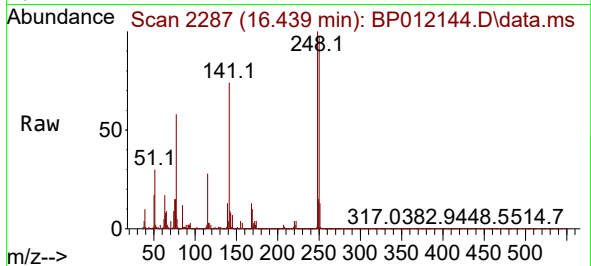




#68
4-Bromophenyl-phenylether
Concen: 18.275 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

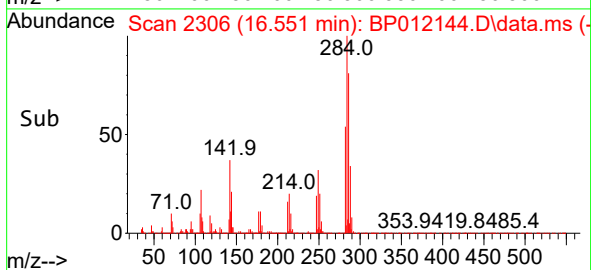
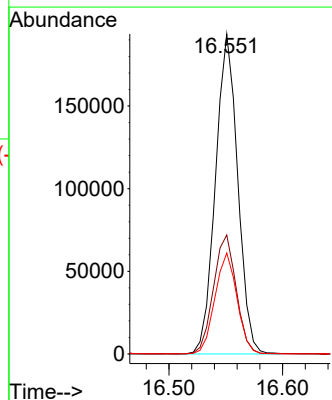
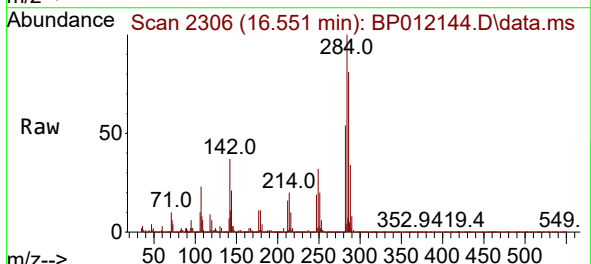
Instrument :
BNA_P
ClientSampleId :

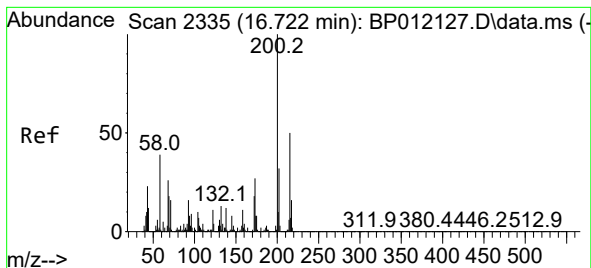
Tgt Ion:248 Resp: 231291
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 74.3 59.5 89.3



#69
Hexachlorobenzene
Concen: 17.937 ng/ul
RT: 16.551 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:284 Resp: 263489
Ion Ratio Lower Upper
284 100
142 37.2 30.5 45.7
249 31.5 25.4 38.0





#70

Atrazine

Concen: 17.663 ng/ul

RT: 16.715 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

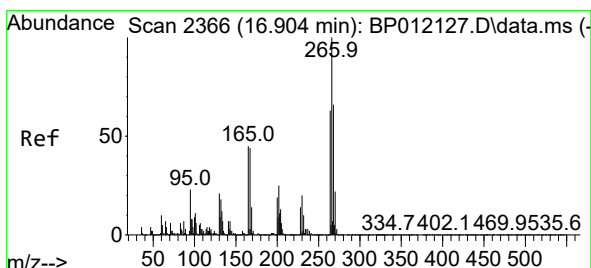
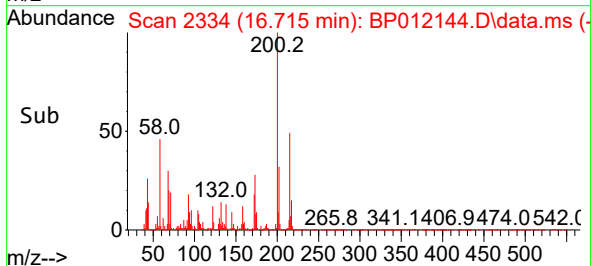
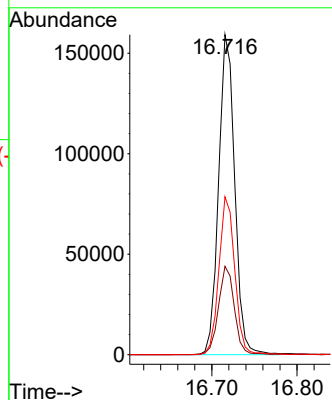
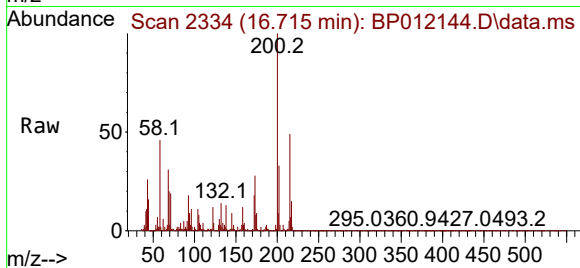
Tgt Ion:200 Resp: 209099

Ion Ratio Lower Upper

200 100

173 27.6 22.1 33.1

215 49.4 38.8 58.2



#71

Pentachlorophenol

Concen: 18.329 ng/ul

RT: 16.904 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

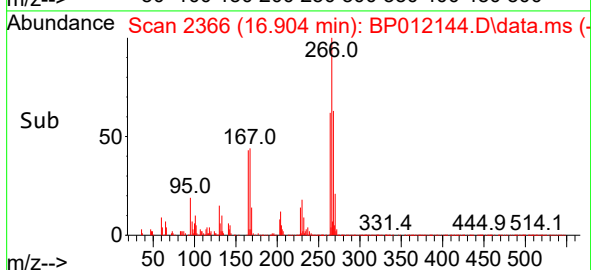
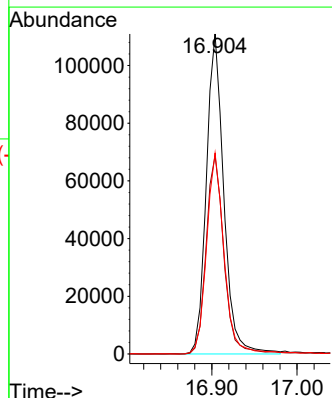
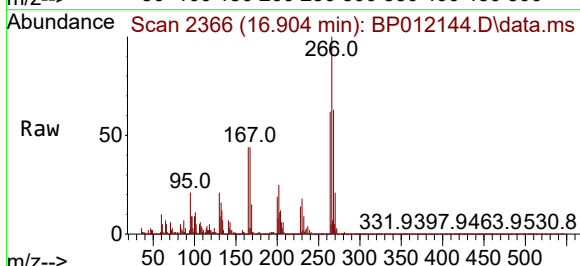
Tgt Ion:266 Resp: 157748

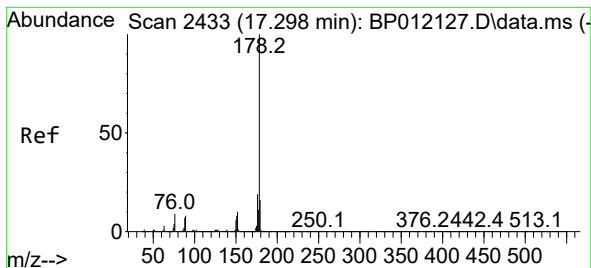
Ion Ratio Lower Upper

266 100

264 62.0 50.6 75.8

268 62.8 51.8 77.6





#72

Phenanthrene

Concen: 18.550 ng/ul

RT: 17.298 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

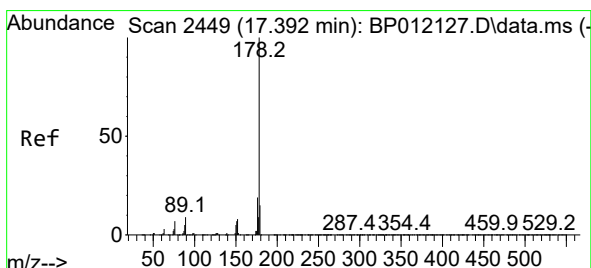
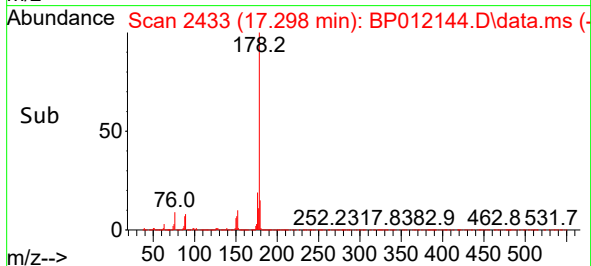
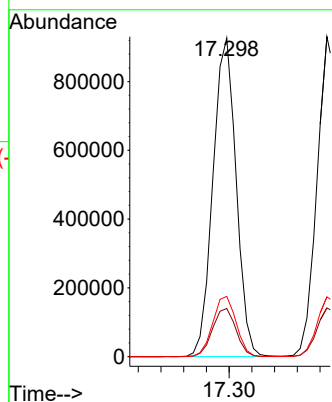
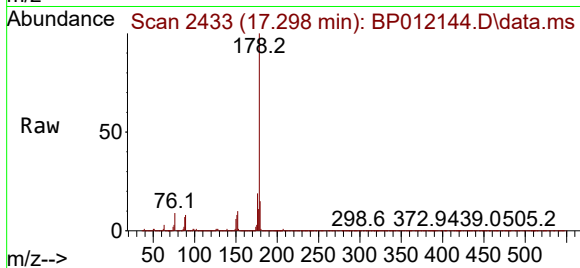
Tgt Ion:178 Resp: 1312086

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.0 15.8 23.6



#74

Anthracene

Concen: 18.901 ng/ul

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

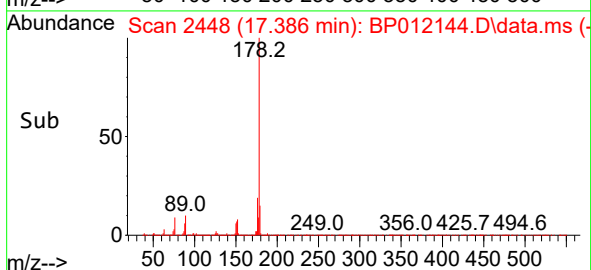
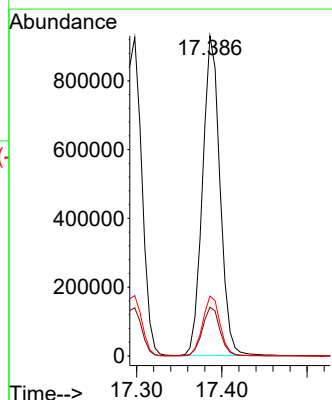
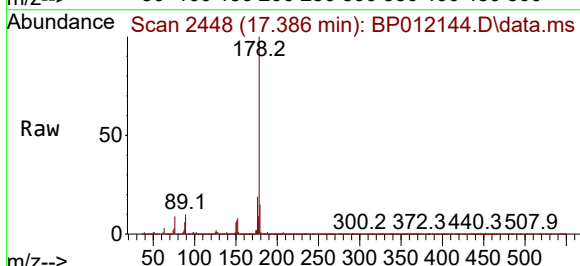
Tgt Ion:178 Resp: 1323046

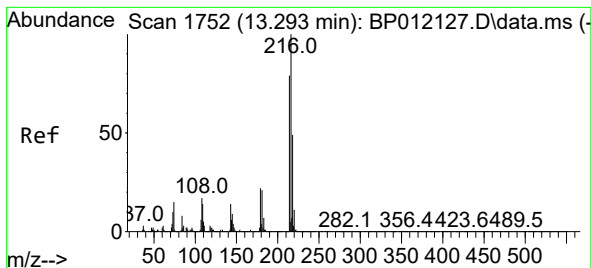
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 18.7 14.8 22.2

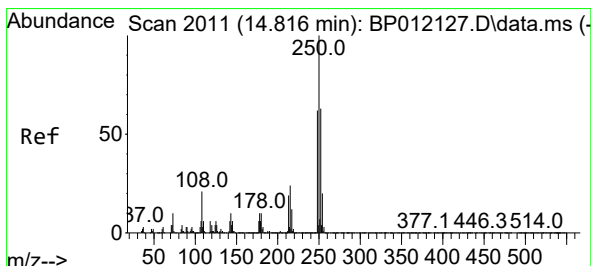
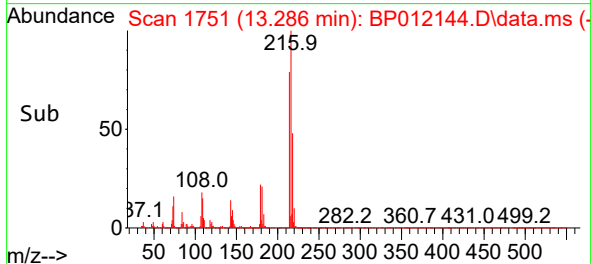
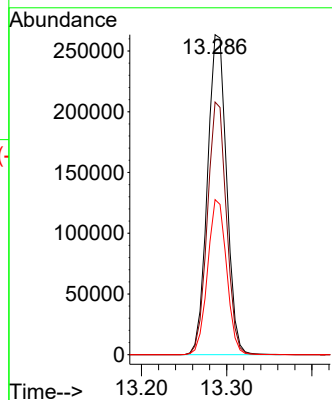
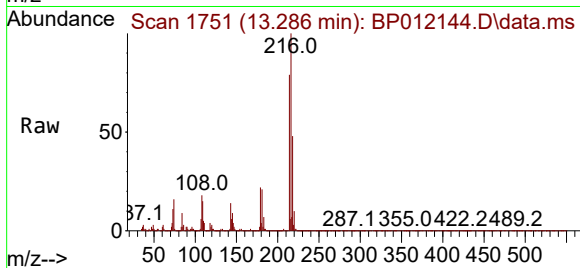




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.551 ng/uL
RT: 13.286 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

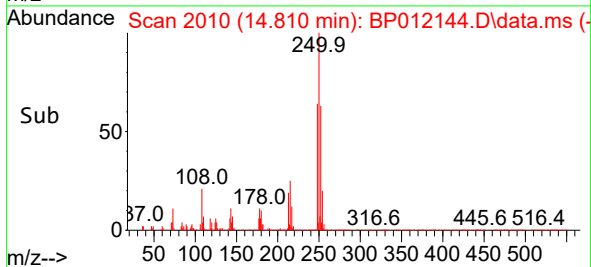
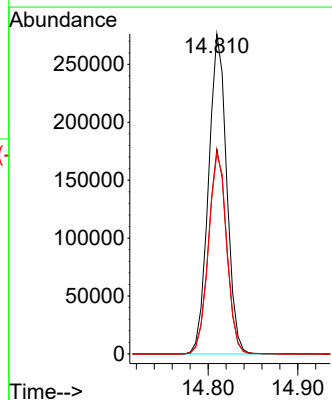
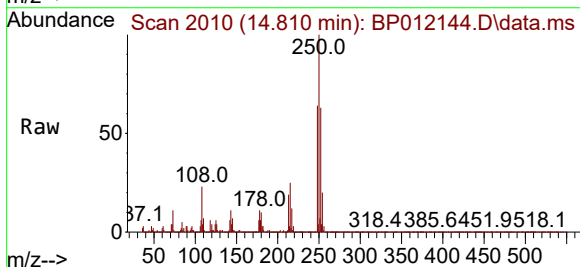
Instrument :
BNA_P
ClientSampleId :

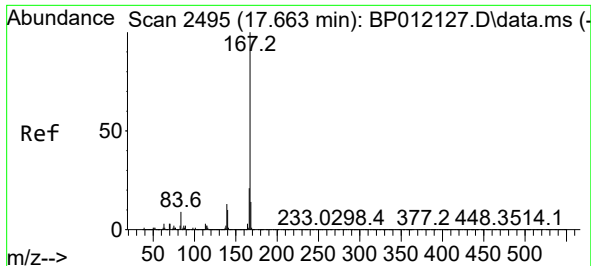
Tgt Ion:216 Resp: 410911
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
218 48.5 38.9 58.3



#76
Pentachlorobenzene
Concen: 18.758 ng/uL
RT: 14.810 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:250 Resp: 387194
Ion Ratio Lower Upper
250 100
248 64.1 51.4 77.2
252 62.5 50.7 76.1

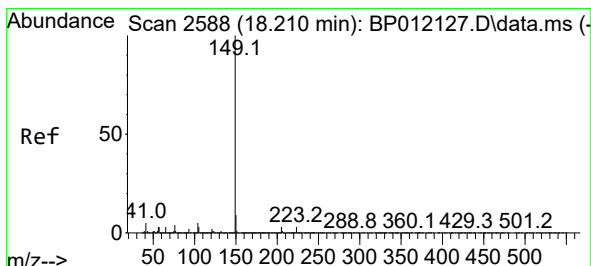
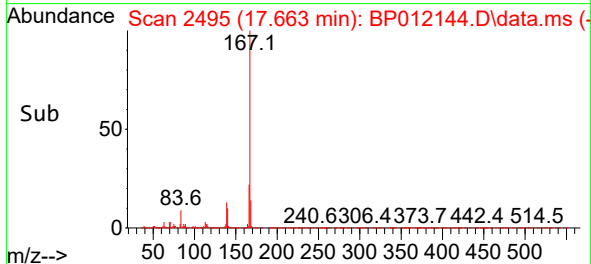
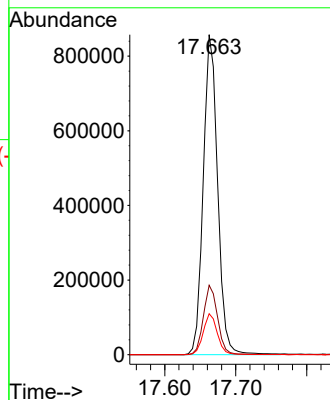
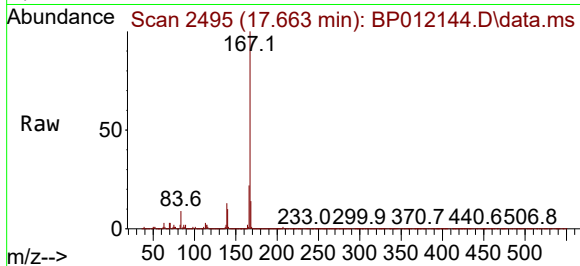




#77
Carbazole
Concen: 19.375 ng/ul
RT: 17.663 min Scan# 2495
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

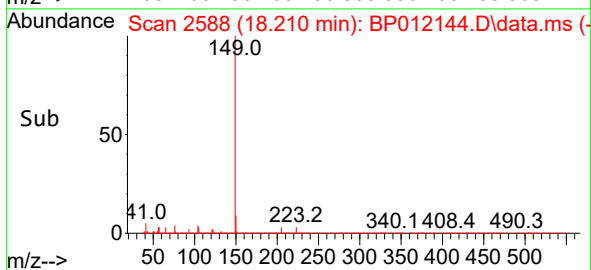
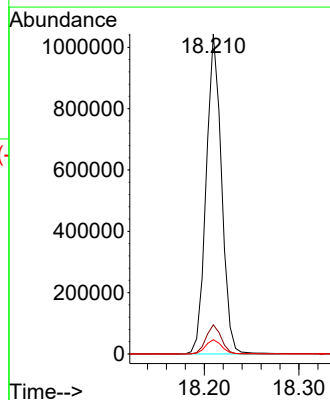
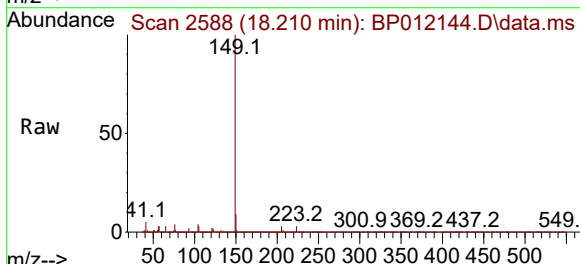
Instrument :
BNA_P
ClientSampleId :

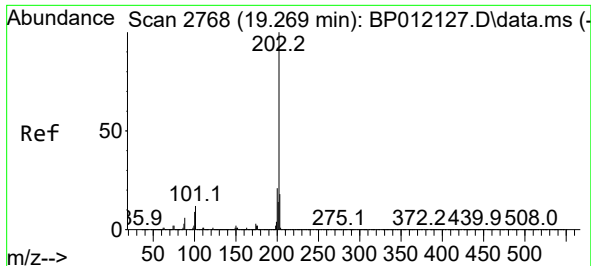
Tgt Ion:167 Resp: 1209571
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 12.8 10.1 15.1



#78
Di-n-butylphthalate
Concen: 18.848 ng/ul
RT: 18.210 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:149 Resp: 1167664
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 4.5 3.4 5.2

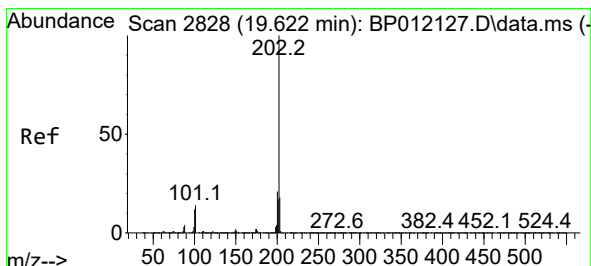
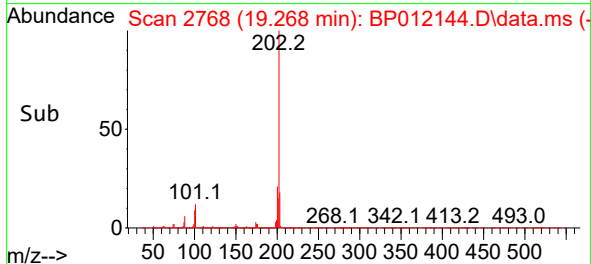
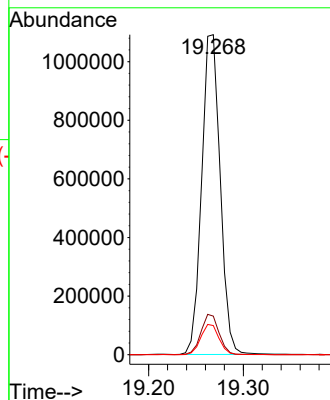
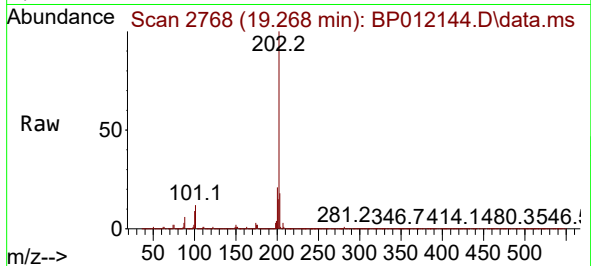




#80
Fluoranthene
Concen: 16.955 ng/ul
RT: 19.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

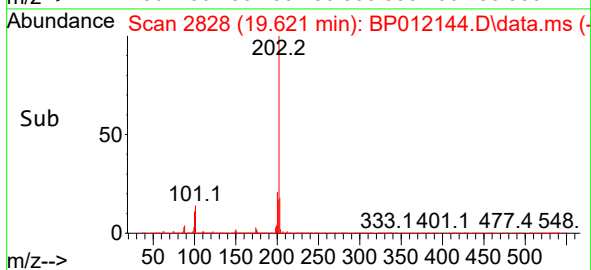
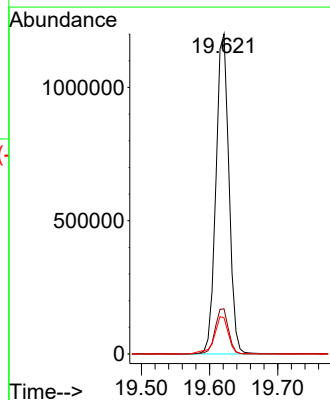
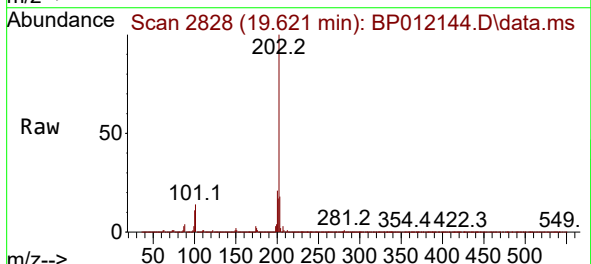
Instrument :
BNA_P
ClientSampleId :

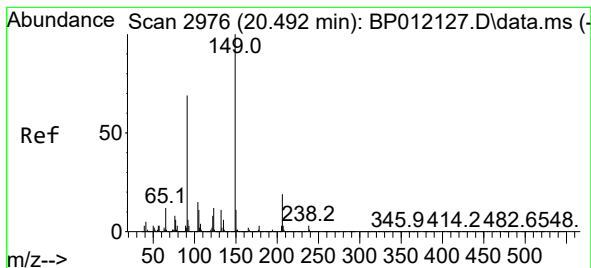
Tgt Ion:202 Resp: 1479898
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.6
100 9.1 7.0 10.6



#82
Pyrene
Concen: 17.266 ng/ul
RT: 19.621 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP012144.D
Acq: 14 Oct 2022 18:44

Tgt Ion:202 Resp: 1594877
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 11.3 8.5 12.7





#83

Butylbenzylphthalate

Concen: 18.695 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

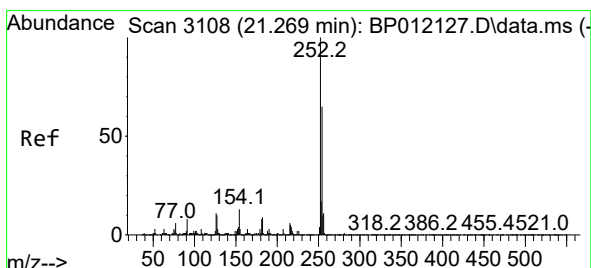
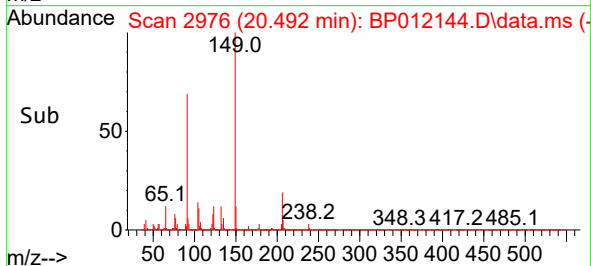
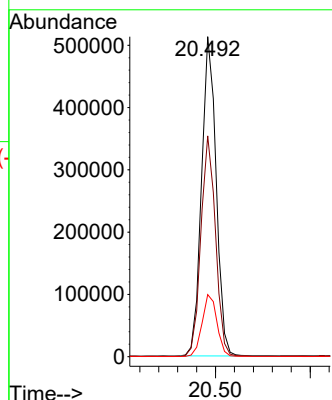
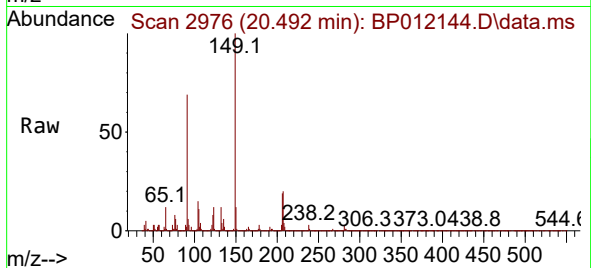
Tgt Ion:149 Resp: 547418

Ion Ratio Lower Upper

149 100

91 69.0 48.5 72.7

206 19.4 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 17.677 ng/ul

RT: 21.262 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

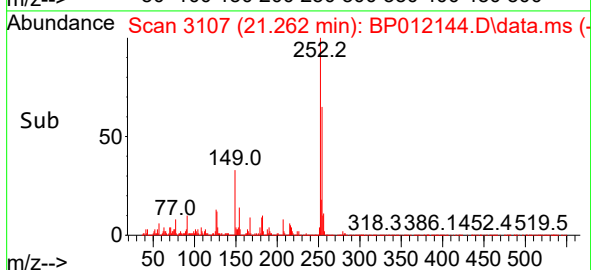
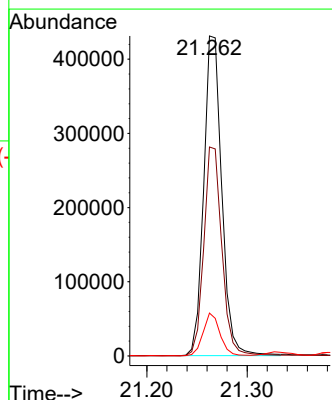
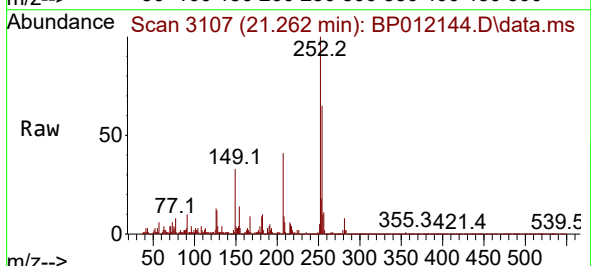
Tgt Ion:252 Resp: 541624

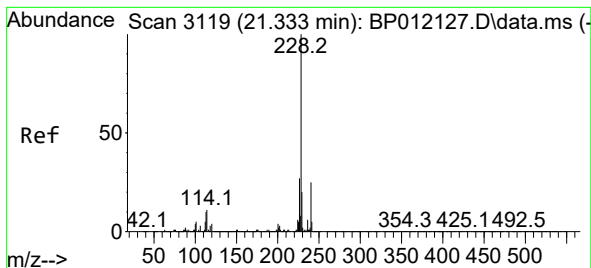
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.2

126 13.4 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 19.061 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

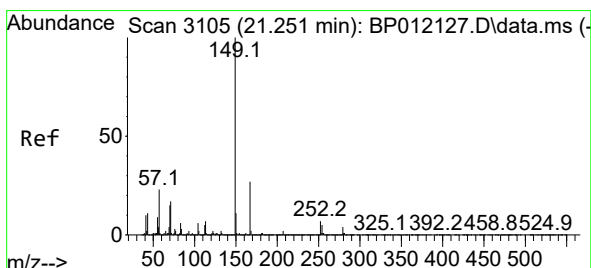
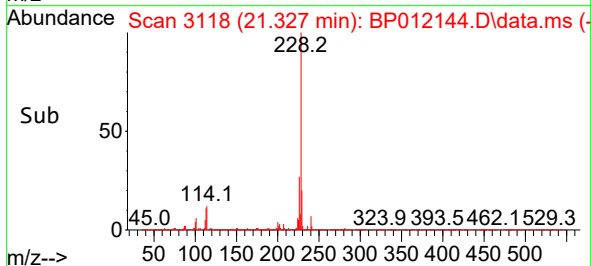
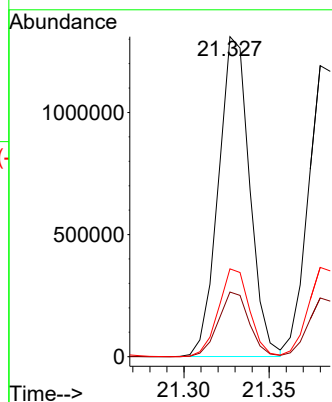
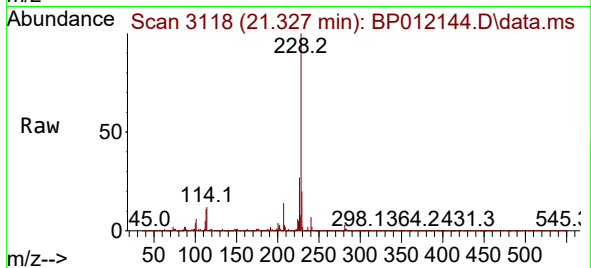
Tgt Ion:228 Resp: 1668196

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.967 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

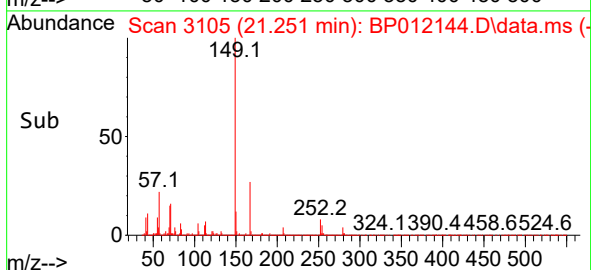
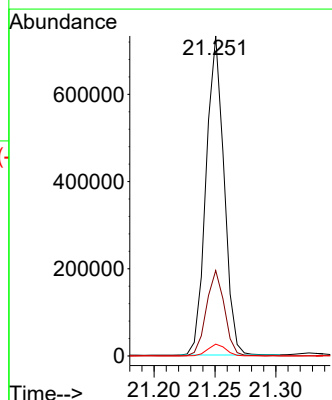
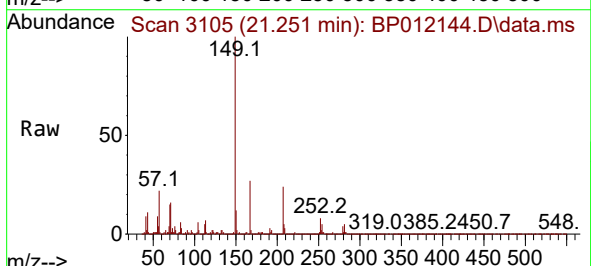
Tgt Ion:149 Resp: 748725

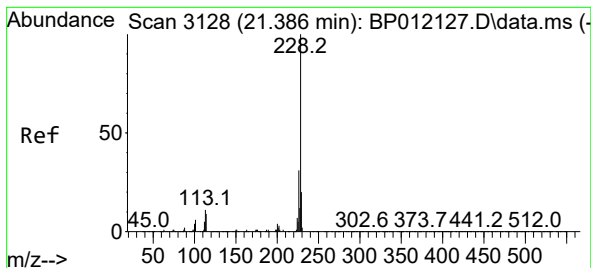
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

279 3.7 3.4 5.2





#87

Chrysene

Concen: 18.499 ng/ul

RT: 21.380 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

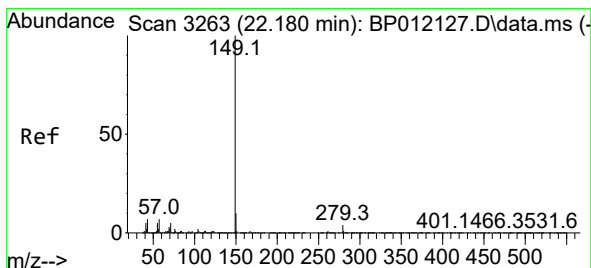
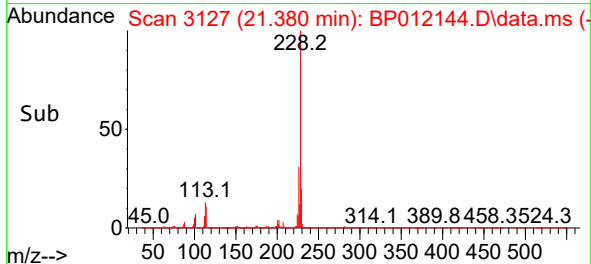
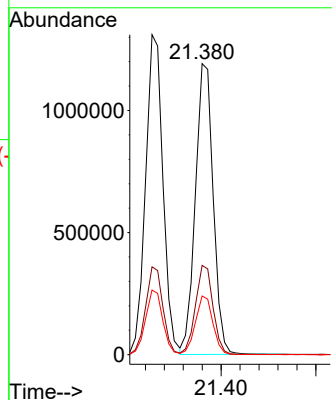
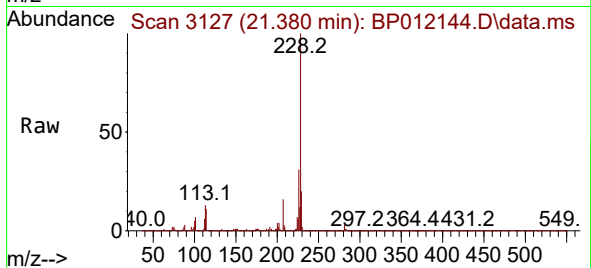
Tgt Ion:228 Resp: 1558425

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.362 ng/ul

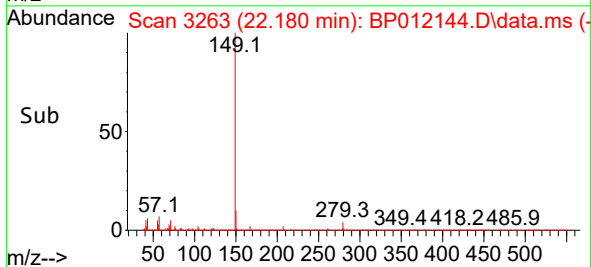
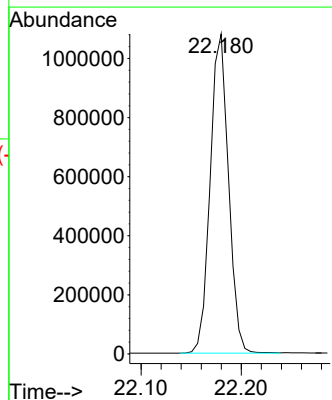
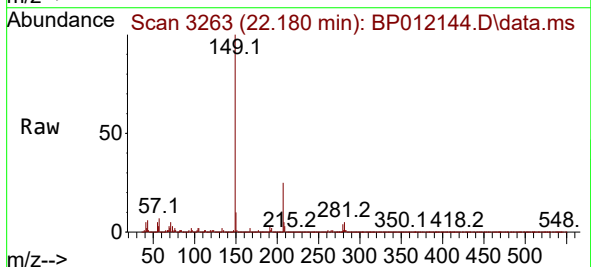
RT: 22.180 min Scan# 3263

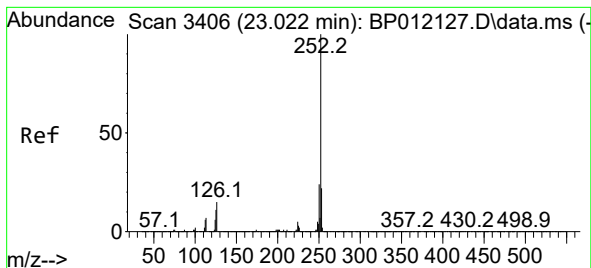
Delta R.T. -0.000 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Tgt Ion:149 Resp: 1374058





#90

Benzo(b)fluoranthene

Concen: 18.326 ng/ul

RT: 23.021 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

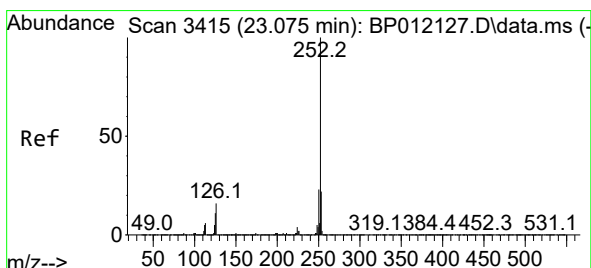
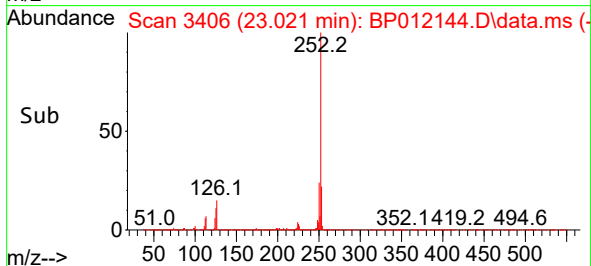
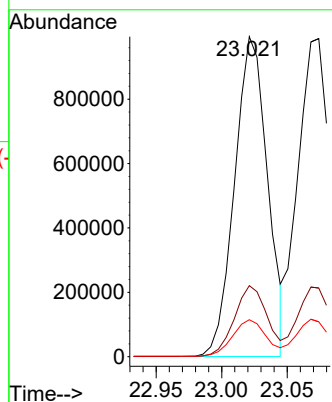
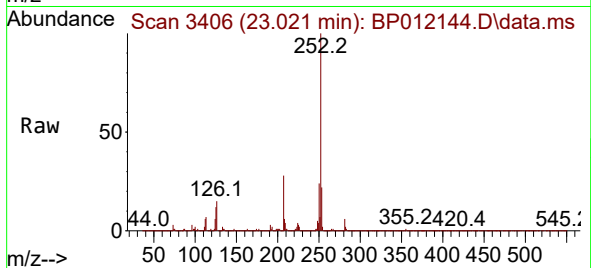
Tgt Ion:252 Resp: 1733887

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.6 7.8 11.8



#91

Benzo(k)fluoranthene

Concen: 18.783 ng/ul

RT: 23.074 min Scan# 3415

Delta R.T. -0.000 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

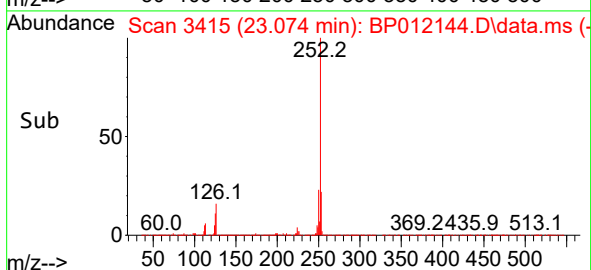
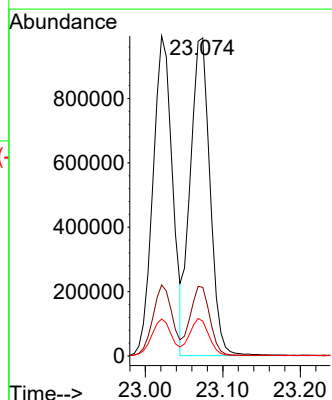
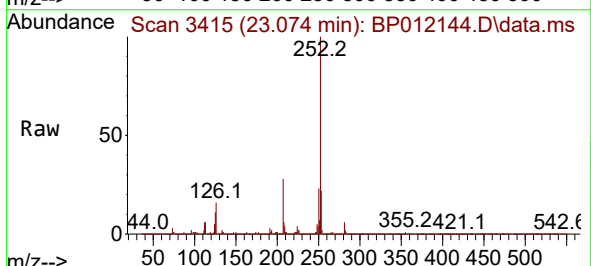
Tgt Ion:252 Resp: 1748062

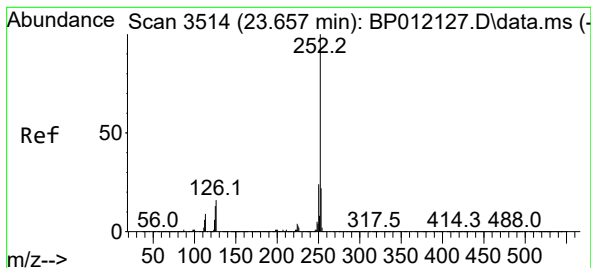
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.0 8.2 12.2





#93

Benzo(a)pyrene

Concen: 18.684 ng/ul

RT: 23.650 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNP_P

ClientSampleId :

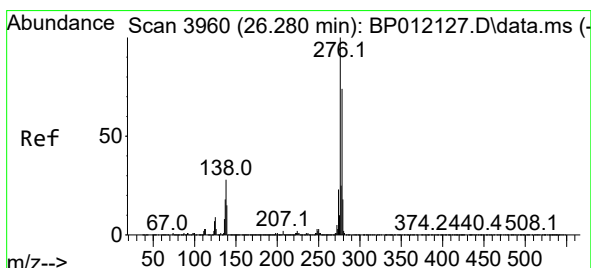
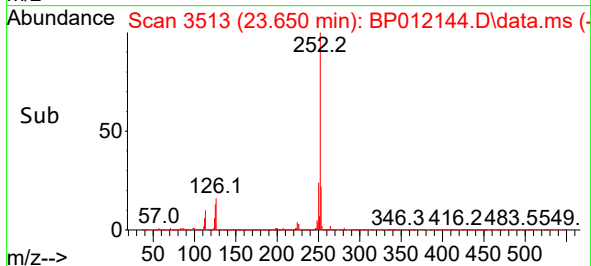
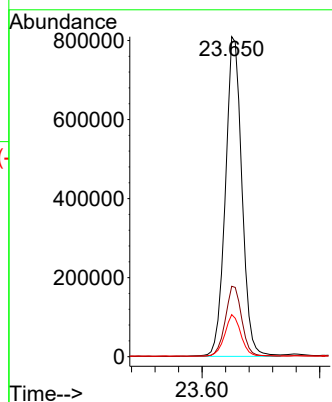
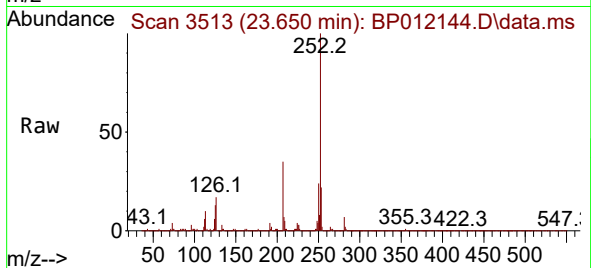
Tgt Ion:252 Resp: 1577139

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 13.1 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.017 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

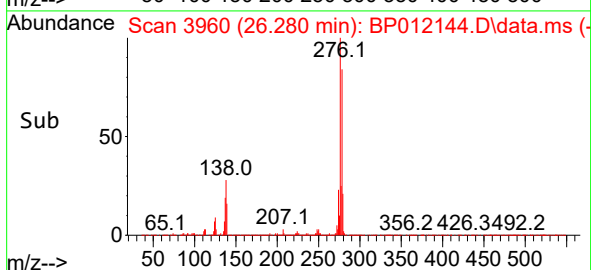
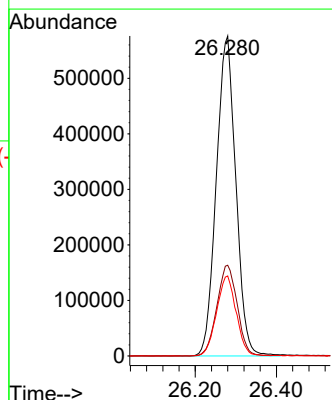
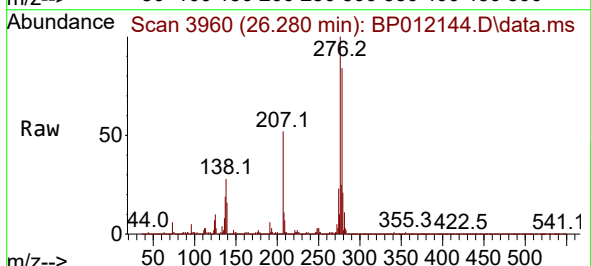
Tgt Ion:276 Resp: 1922920

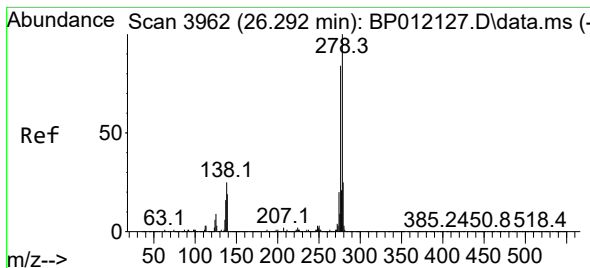
Ion Ratio Lower Upper

276 100

138 28.3 19.1 28.7

277 25.0 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 18.039 ng/ul

RT: 26.291 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Instrument :

BNA_P

ClientSampleId :

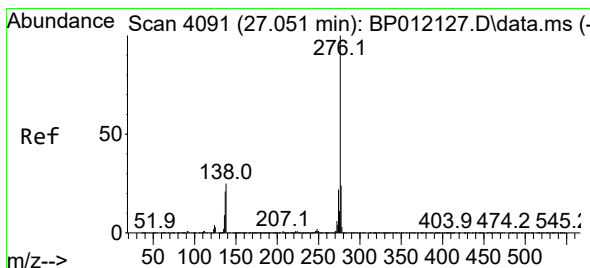
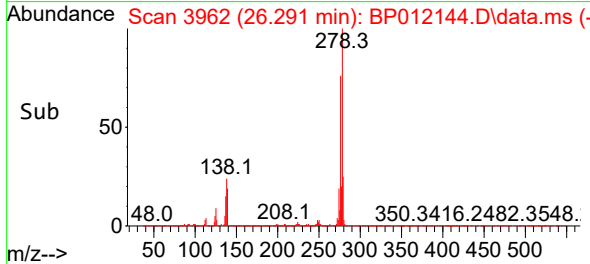
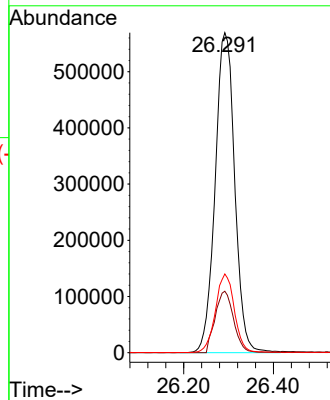
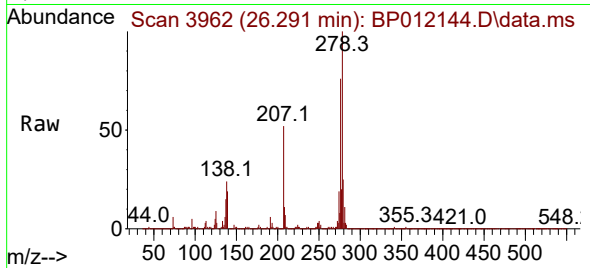
Tgt Ion:278 Resp: 1727249

Ion Ratio Lower Upper

278 100

139 19.2 12.5 18.7#

279 24.6 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 17.663 ng/ul

RT: 27.050 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BP012144.D

Acq: 14 Oct 2022 18:44

Tgt Ion:276 Resp: 1699692

Ion Ratio Lower Upper

276 100

138 24.5 16.5 24.7

277 23.9 19.0 28.4

