

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012216.D
 Acq On : 20 Oct 2022 16:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:23:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	408498	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1735252	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1035835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1943171	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1512016	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1528895	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	84466	8.368	ng/uL	0.00
4) Pyridine-d5	3.681	84	601426	20.678	ng/ul	0.00
7) Phenol-d5	6.993	99	737485	20.912	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	450211	21.050	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	585042	21.794	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	583053	21.272	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	283041	22.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	308316	22.248	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	573806	22.074	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	797831	21.602	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	1523511	21.144	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1842062	22.397	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	260198	19.275	ng/ul	0.00
60) Fluorene-d10	15.475	176	1333534	21.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	222748	20.150	ng/ul	0.00
73) Anthracene-d10	17.333	188	1884796	22.129	ng/ul	0.00
81) Pyrene-d10	19.574	212	1898880	22.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	1667560	21.749	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	91209	8.397	ng/uL	96
5) Pyridine	3.699	79	592467	20.724	ng/ul	97
6) Benzaldehyde	6.969	77	412909	24.910	ng/ul	98
8) Phenol	7.022	94	772897	20.948	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.252	93	636085	21.360	ng/ul	99
12) 2-Chlorophenol	7.387	128	626027	21.614	ng/ul	99
13) 2-Methylphenol	8.275	108	587364	21.146	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	843289	21.295	ng/ul	99
16) Acetophenone	8.657	105	931991	22.012	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.640	70	457176	21.332	ng/ul	100
18) 4-Methylphenol	8.604	108	645288	21.331	ng/ul	100
19) Hexachloroethane	8.904	117	249014	21.766	ng/ul	98
22) Nitrobenzene	9.034	77	688956	22.015	ng/ul	99
23) Isophorone	9.563	82	1307018	21.759	ng/ul	99
25) 2-Nitrophenol	9.746	139	352266	22.373	ng/ul	100
26) 2,4-Dimethylphenol	9.810	107	686020	22.104	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	844926	21.488	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	590517	21.953	ng/ul	99
30) Naphthalene	10.681	128	2010883	21.668	ng/ul	99
32) 4-Chloroaniline	10.798	127	824218	21.621	ng/ul	99
33) Hexachlorobutadiene	10.957	225	377156	22.292	ng/ul	99
34) Caprolactam	11.593	113	156559	18.749	ng/ul	99
35) 4-Chloro-3-methylphenol	11.928	107	619932	21.346	ng/ul	100
36) 2-Methylnaphthalene	12.292	142	1351200	21.399	ng/ul	99

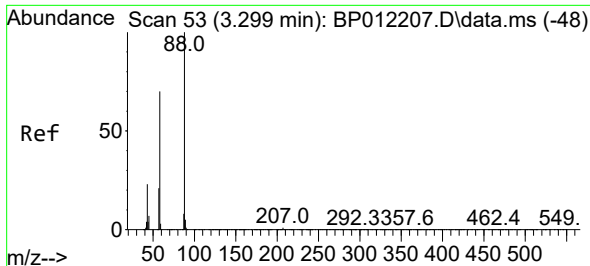
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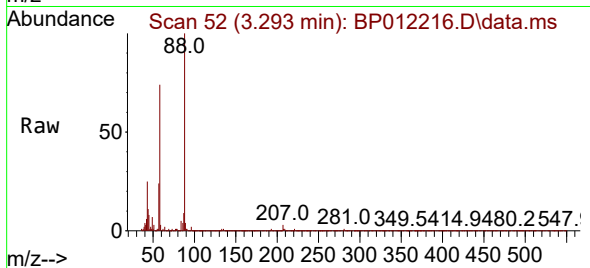
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	1351456	21.435	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	712705	22.644	ng/ul	100
40) Hexachlorocyclopentadiene	12.634	237	349456	20.884	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	459538	22.623	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	490085	22.117	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	1729010	22.443	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	1368133	22.399	ng/ul	99
45) 2-Nitroaniline	13.563	65	351024	21.617	ng/ul	99
47) Dimethylphthalate	13.939	163	1599411	21.183	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	313671	21.711	ng/ul	99
50) Acenaphthylene	14.198	152	2052161	22.393	ng/ul	100
51) 3-Nitroaniline	14.392	138	311371	20.418	ng/ul	100
52) Acenaphthene	14.539	153	1430942	22.079	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	154429	17.802	ng/ul	97
55) 4-Nitrophenol	14.704	109	194666	19.410	ng/ul	98
56) Dibenzofuran	14.875	168	1942207	21.891	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	427038	20.711	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	395819	21.129	ng/ul	97
59) Diethylphthalate	15.304	149	1539504	20.745	ng/ul	99
61) Fluorene	15.528	166	1538039	21.881	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	771758	22.032	ng/ul	99
63) 4-Nitroaniline	15.563	138	300152	20.967	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	240849	20.755	ng/ul	100
67) N-Nitrosodiphenylamine	15.739	169	1295477	22.970	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	464970	22.600	ng/ul	96
69) Hexachlorobenzene	16.533	284	543860	22.426	ng/ul	98
70) Atrazine	16.704	200	414048	21.030	ng/ul	99
71) Pentachlorophenol	16.886	266	301917	20.624	ng/ul	99
72) Phenanthrene	17.280	178	2306953	22.089	ng/ul	99
74) Anthracene	17.369	178	2306807	22.324	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	710487	24.503	ng/uL	100
76) Pentachlorobenzene	14.792	250	731496	23.950	ng/uL	99
77) Carbazole	17.645	167	1992931	21.853	ng/ul	99
78) Di-n-butylphthalate	18.198	149	2315814	21.168	ng/ul	100
80) Fluoranthene	19.251	202	2385640	22.426	ng/ul	98
82) Pyrene	19.604	202	2431023	22.337	ng/ul	97
83) Butylbenzylphthalate	20.480	149	900969	21.284	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.251	252	702769	21.340	ng/ul	99
85) Benzo(a)anthracene	21.316	228	2127198	21.586	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1269549	21.407	ng/ul	99
87) Chrysene	21.368	228	2035737	22.137	ng/ul	99
89) Di-n-octyl phthalate	22.163	149	2026393	19.163	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	2170011	21.297	ng/ul	100
91) Benzo(k)fluoranthene	23.051	252	2047420	20.385	ng/ul	100
93) Benzo(a)pyrene	23.627	252	1885540	21.640	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.239	276	2449045	24.281	ng/ul	99
95) Dibenzo(a,h)anthracene	26.256	278	2228643	24.508	ng/ul	100
96) Benzo(g,h,i)perylene	27.009	276	2208261	23.317	ng/ul	99

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

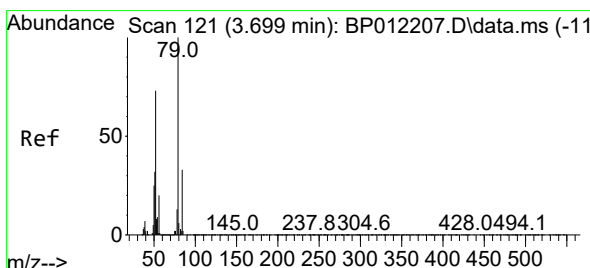
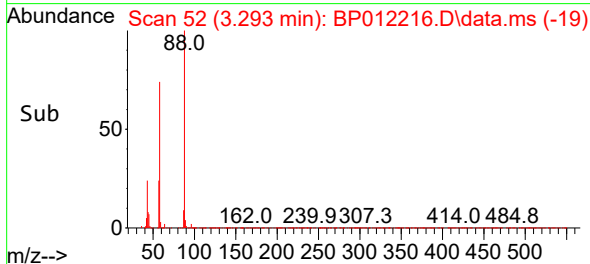
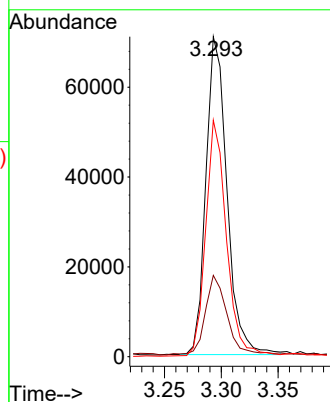


#2
1,4-Dioxane
Concen: 8.397 ng/uL
RT: 3.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: BP012216.D
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Instrument :
BNA_P
ClientSampleId :

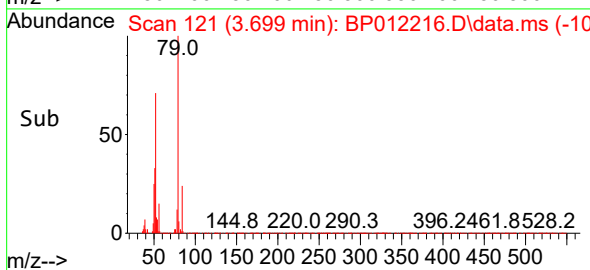
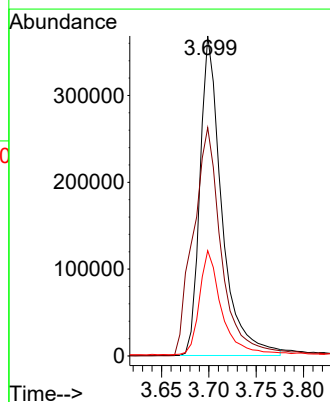
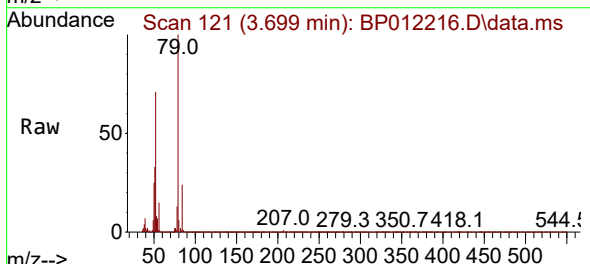


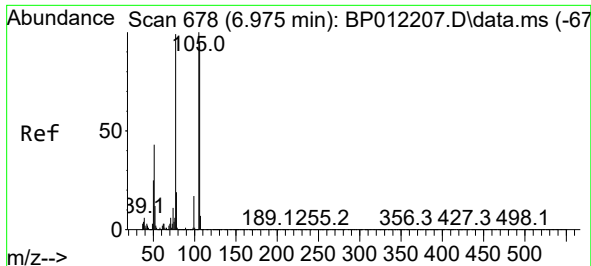
Tgt Ion: 88 Resp: 91209
Ion Ratio Lower Upper
88 100
43 25.4 20.6 30.8
58 73.9 56.1 84.1



#5
Pyridine
Concen: 20.724 ng/uL
RT: 3.699 min Scan# 121
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion: 79 Resp: 592467
Ion Ratio Lower Upper
79 100
52 71.3 59.4 89.2
51 32.9 26.5 39.7

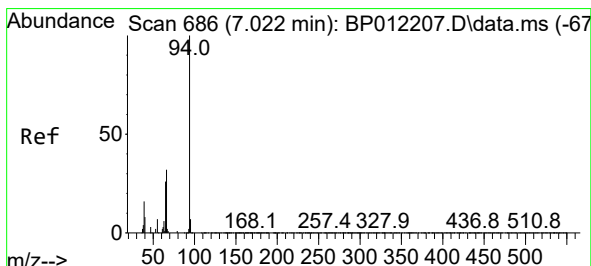
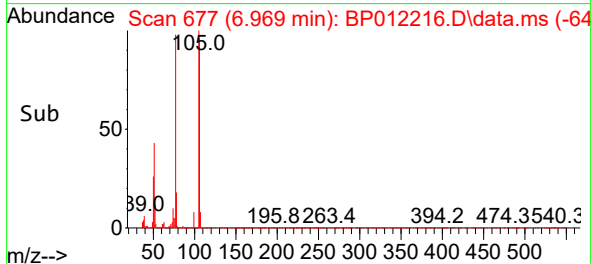
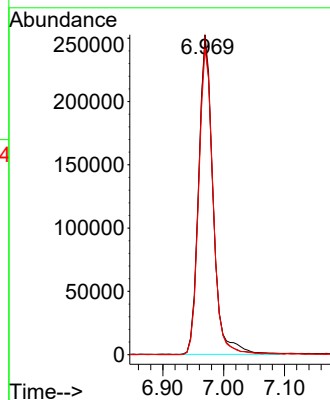
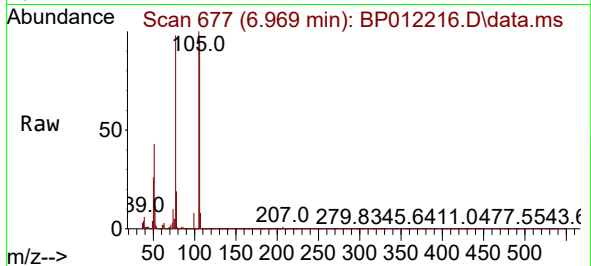




#6
Benzaldehyde
Concen: 24.910 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

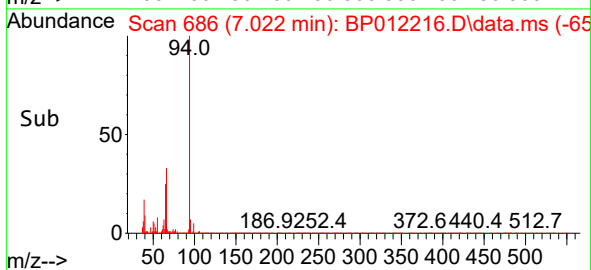
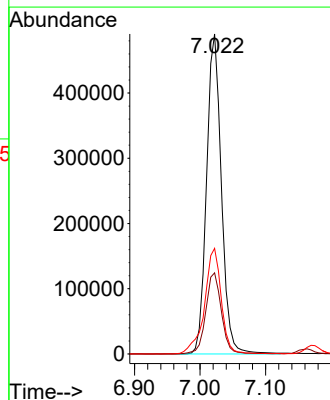
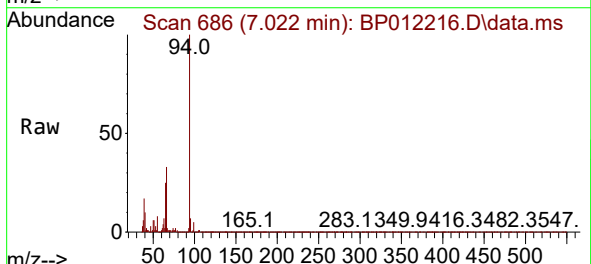
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BNA_P
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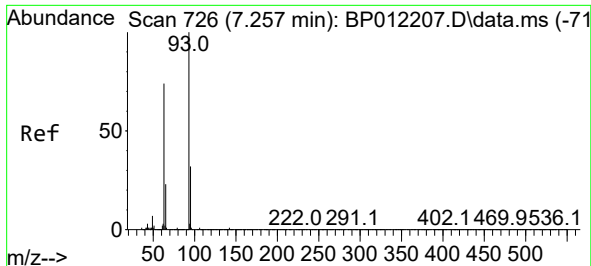
Tgt Ion: 77 Resp: 412909
Ion Ratio Lower Upper
77 100
105 101.8 79.0 118.6
106 97.3 76.4 114.6



#8
Phenol
Concen: 20.948 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

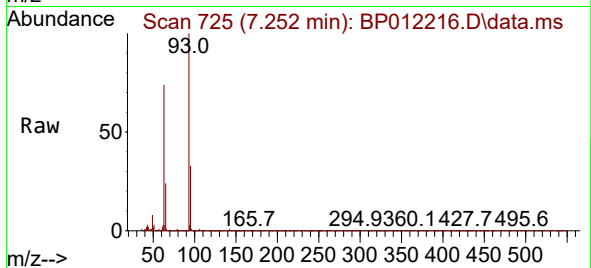
Tgt Ion: 94 Resp: 772897
Ion Ratio Lower Upper
94 100
65 25.4 20.6 31.0
66 33.0 26.2 39.4



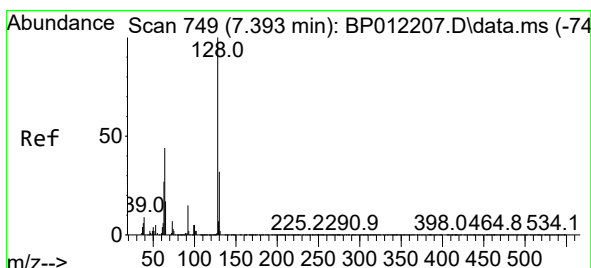
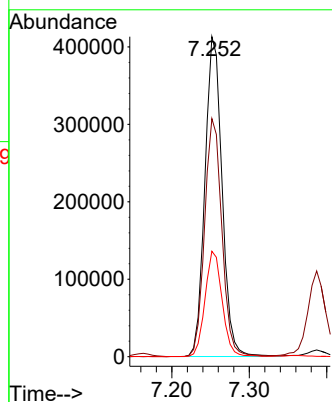
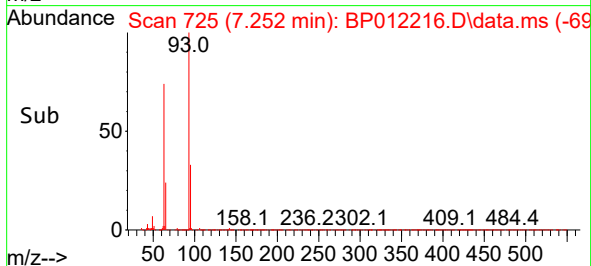


#10
Bis(2-Chloroethyl)ether
Concen: 21.360 ng/ul
RT: 7.252 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

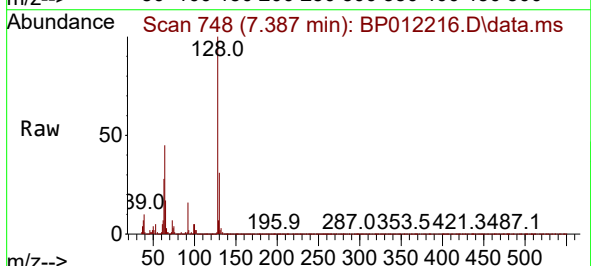
Instrument :
BNA_P
ClientSampleId :



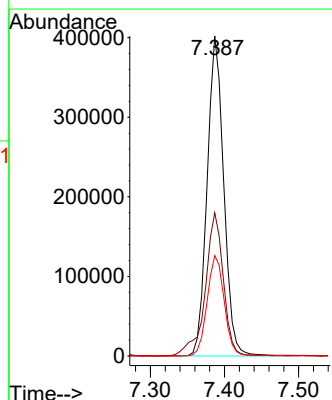
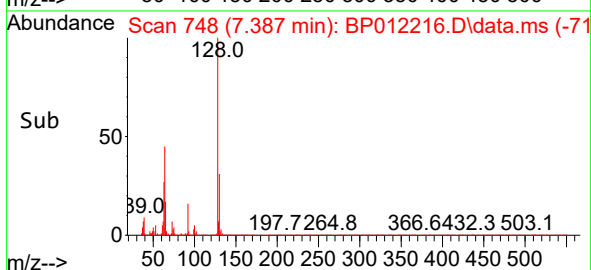
Tgt Ion: 93 Resp: 636085
Ion Ratio Lower Upper
93 100
63 74.4 60.2 90.2
95 33.0 26.1 39.1

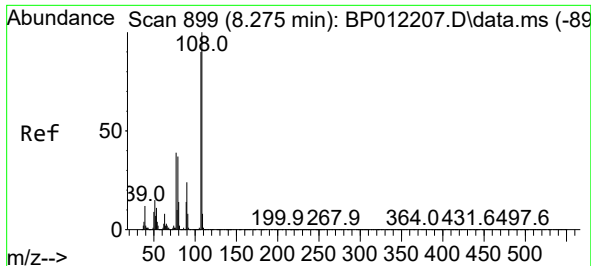


#12
2-Chlorophenol
Concen: 21.614 ng/ul
RT: 7.387 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32



Tgt Ion: 128 Resp: 626027
Ion Ratio Lower Upper
128 100
64 44.7 35.4 53.2
130 31.4 26.1 39.1





#13

2-Methylphenol

Concen: 21.146 ng/ul

RT: 8.275 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

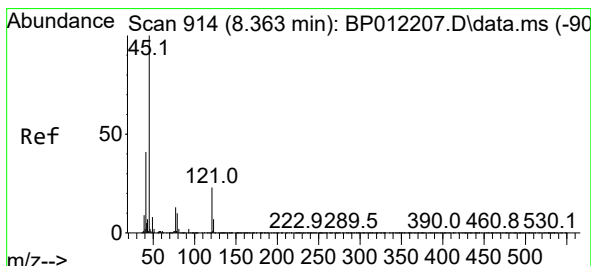
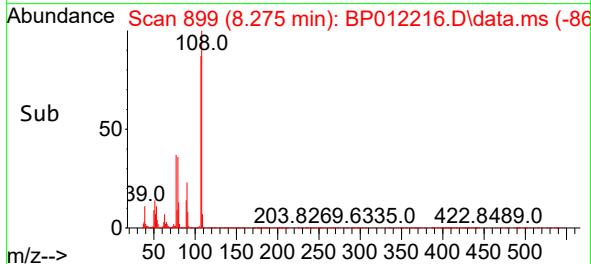
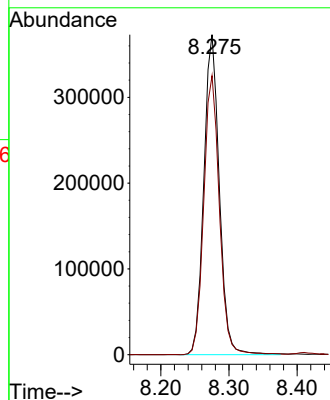
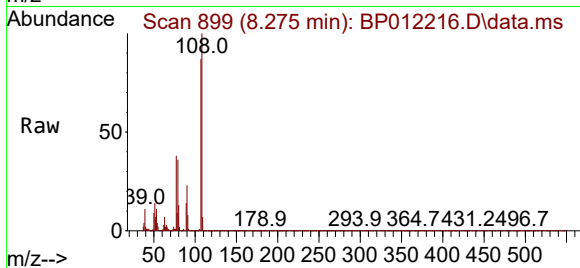
ClientSampleId :

Tgt Ion:108 Resp: 587364

Ion Ratio Lower Upper

108 100

107 87.2 71.1 106.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.295 ng/ul

RT: 8.363 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

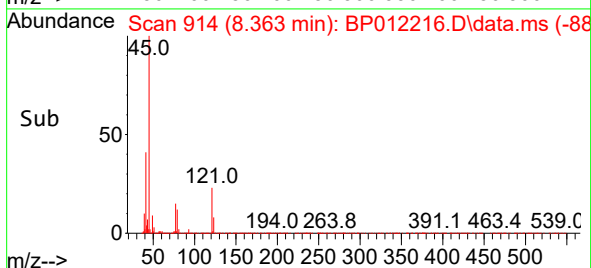
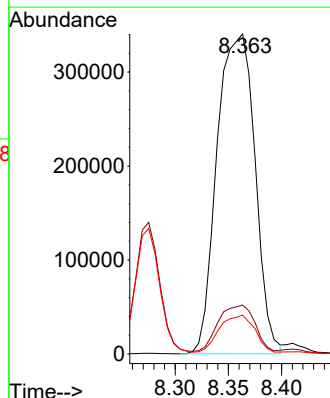
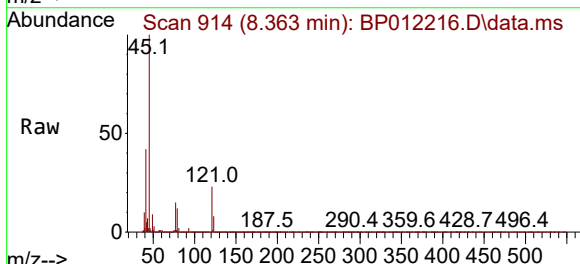
Tgt Ion: 45 Resp: 843289

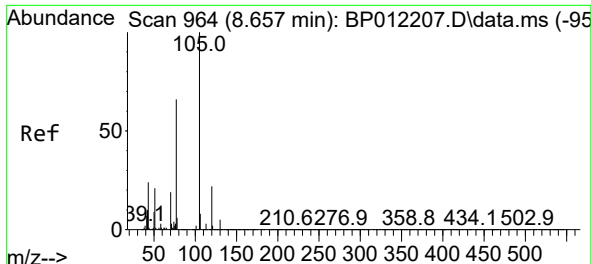
Ion Ratio Lower Upper

45 100

77 15.3 12.1 18.1

79 12.2 9.3 13.9

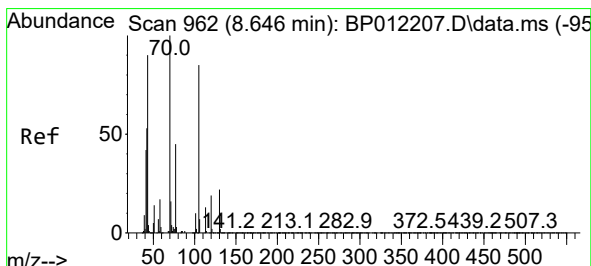
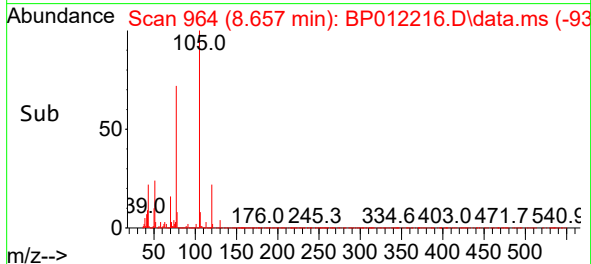
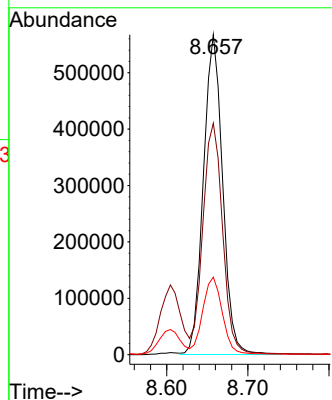
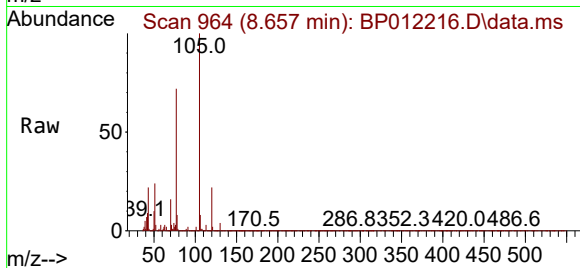




#16
Acetophenone
Concen: 22.012 ng/ul
RT: 8.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

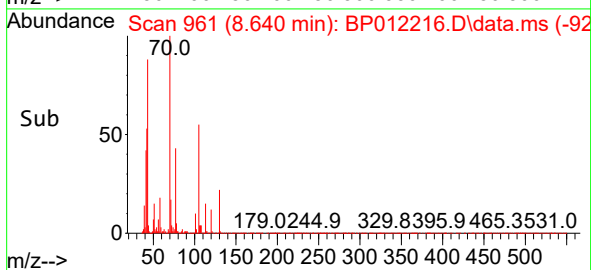
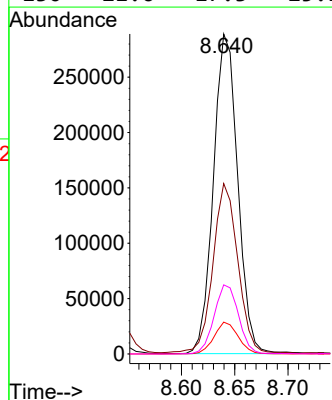
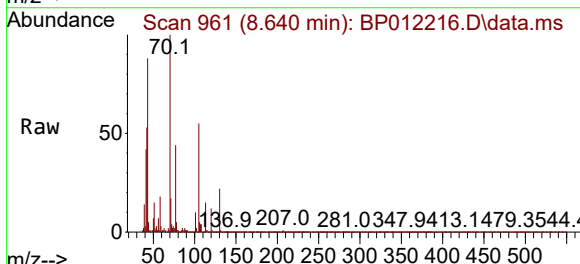
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BNA_P
ClientSampleId :

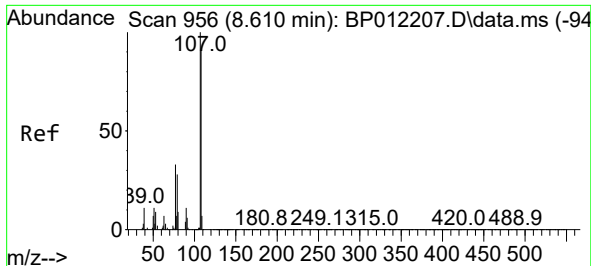
Tgt Ion:105 Resp: 931991
Ion Ratio Lower Upper
105 100
77 72.4 60.0 90.0
51 24.3 20.1 30.1



#17
N-Nitroso-di-n-propylamine
Concen: 21.332 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion: 70 Resp: 457176
Ion Ratio Lower Upper
70 100
42 53.2 42.4 63.6
101 9.9 7.6 11.4
130 21.6 17.3 25.9

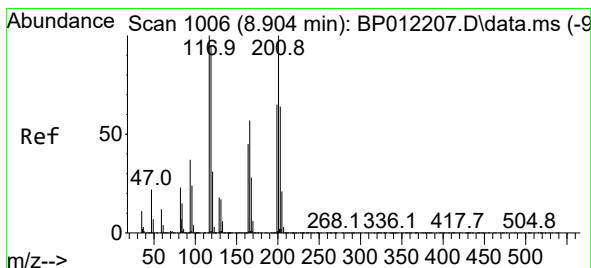
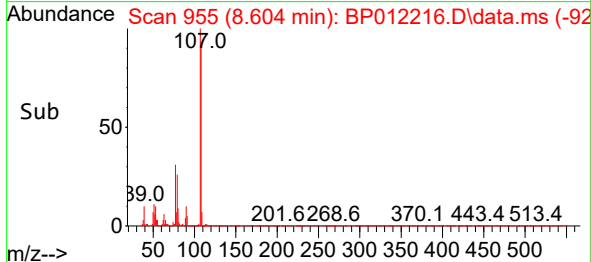
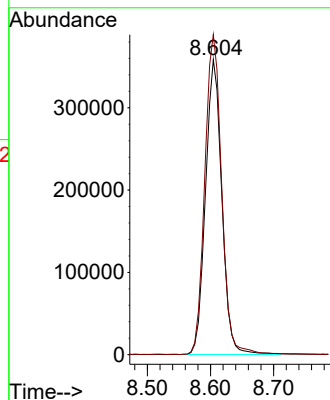
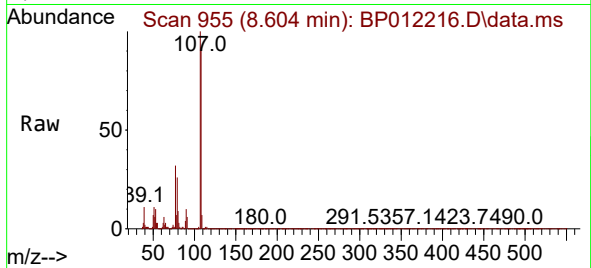




#18
4-Methylphenol
Concen: 21.331 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

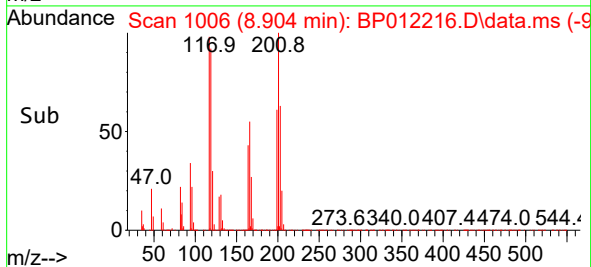
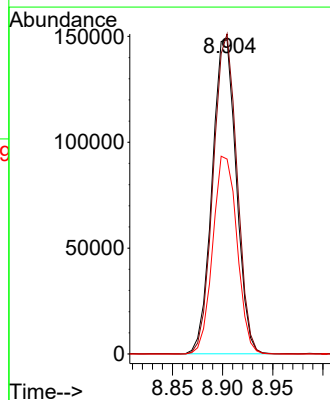
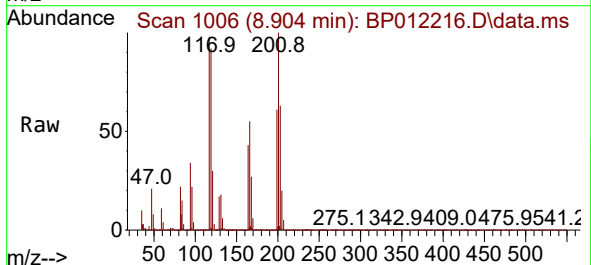
Instrument :
BNA_P
ClientSampleId :

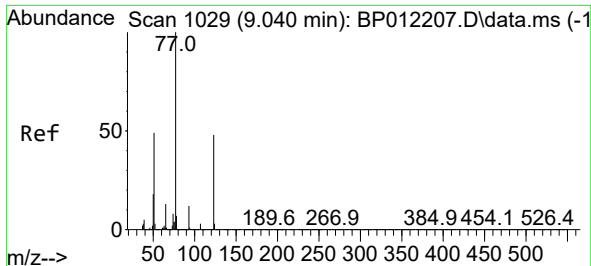
Tgt Ion:108 Resp: 645288
Ion Ratio Lower Upper
108 100
107 108.4 86.6 130.0



#19
Hexachloroethane
Concen: 21.766 ng/ul
RT: 8.904 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:117 Resp: 249014
Ion Ratio Lower Upper
117 100
201 101.8 79.7 119.5
199 62.0 50.7 76.1

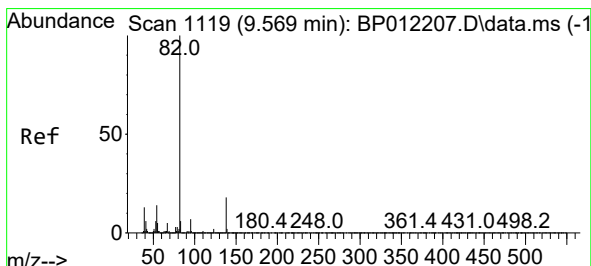
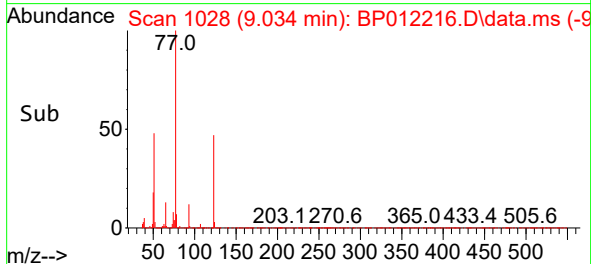
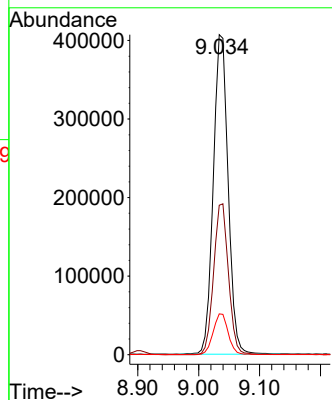
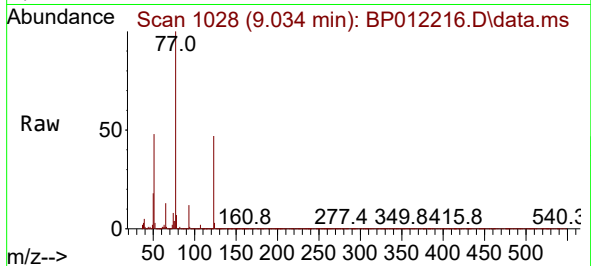




#22
Nitrobenzene
Concen: 22.015 ng/ul
RT: 9.034 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

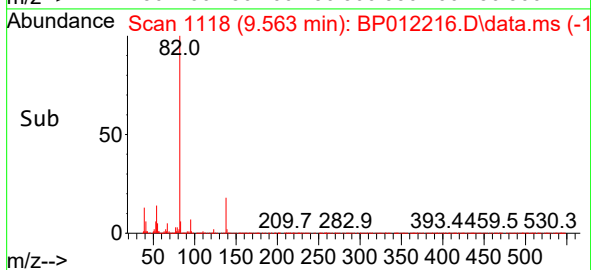
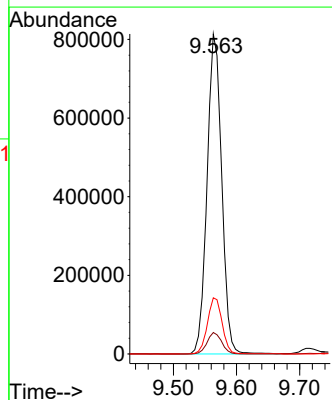
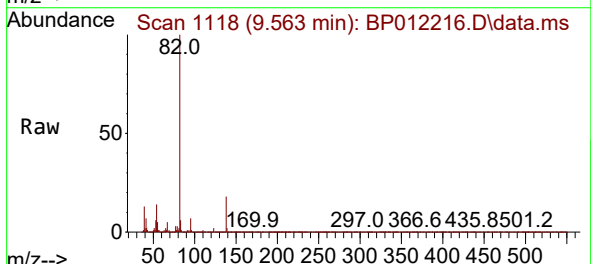
Instrument :
BNA_P
ClientSampleId :

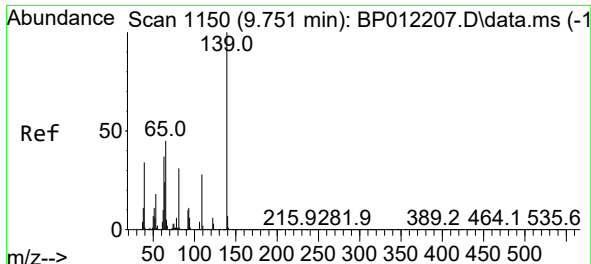
Tgt Ion: 77 Resp: 688956
Ion Ratio Lower Upper
77 100
123 46.7 37.1 55.7
65 12.8 10.0 15.0



#23
Isophorone
Concen: 21.759 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion: 82 Resp: 1307018
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.6 14.5 21.7

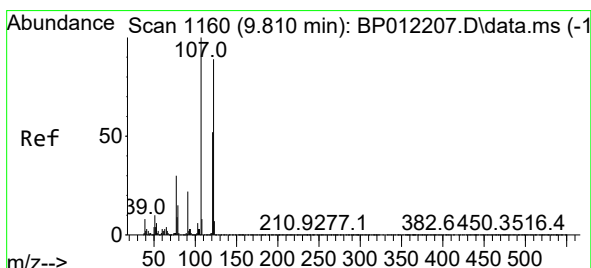
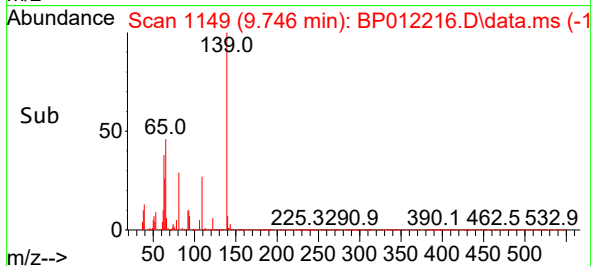
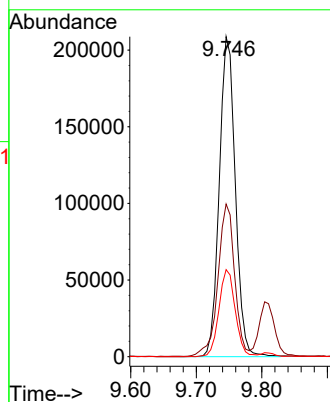
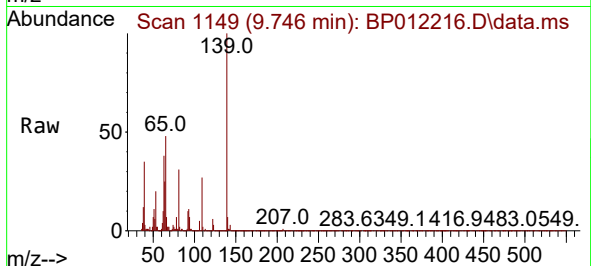




#25
2-Nitrophenol
Concen: 22.373 ng/ul
RT: 9.746 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

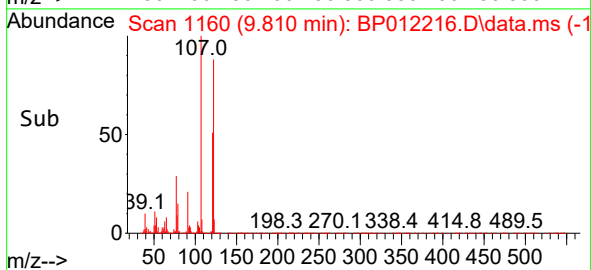
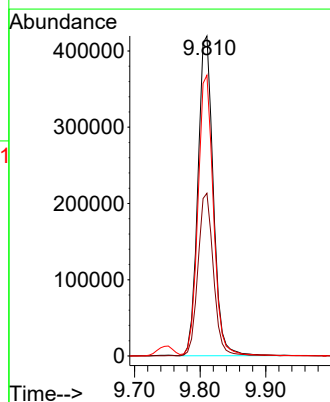
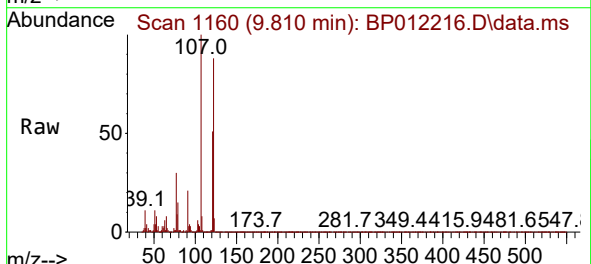
Instrument :
BNA_P
ClientSampleId :

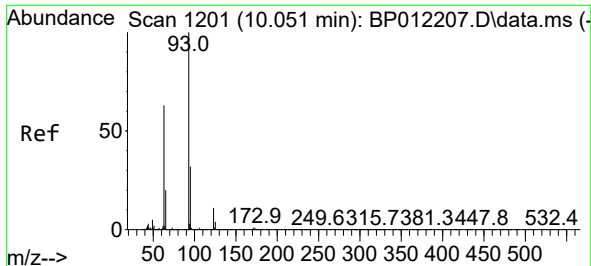
Tgt Ion:139 Resp: 352266
Ion Ratio Lower Upper
139 100
65 47.7 38.0 57.0
109 27.2 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 22.104 ng/ul
RT: 9.810 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:107 Resp: 686020
Ion Ratio Lower Upper
107 100
121 50.9 40.6 60.8
122 87.8 71.0 106.6





#27

Bis(2-Chloroethoxy)methane

Concen: 21.488 ng/ul

RT: 10.046 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

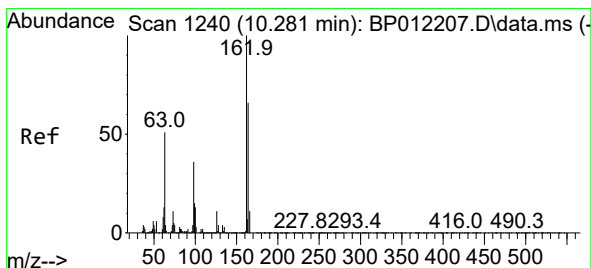
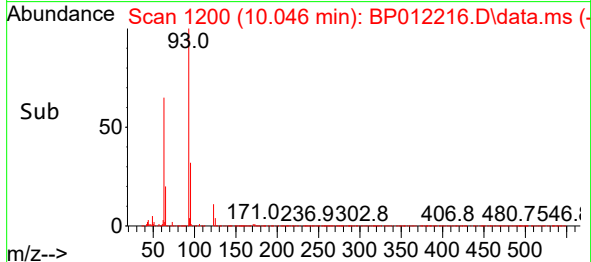
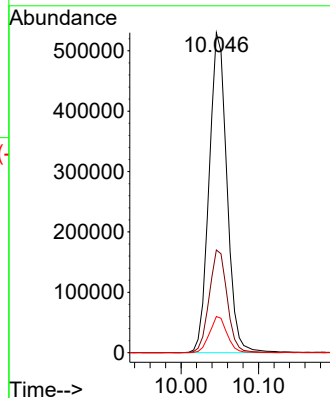
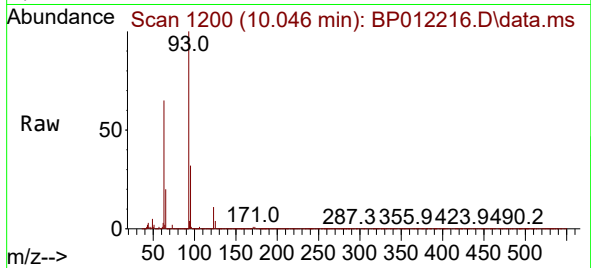
Tgt Ion: 93 Resp: 844926

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 11.3 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 21.953 ng/ul

RT: 10.281 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

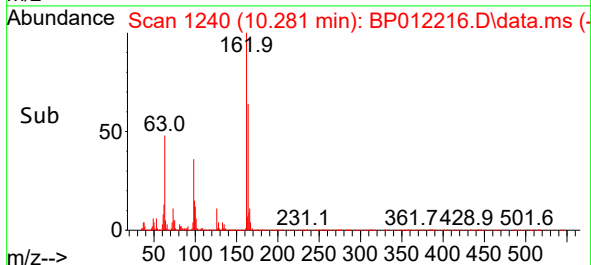
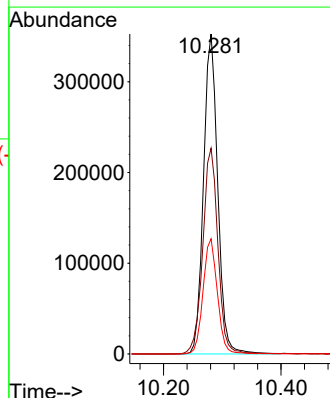
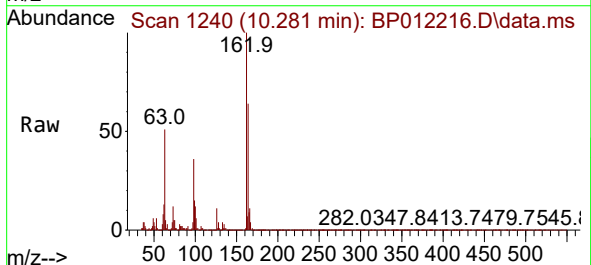
Tgt Ion: 162 Resp: 590517

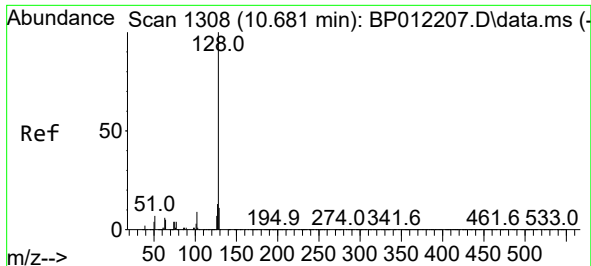
Ion Ratio Lower Upper

162 100

164 64.3 51.2 76.8

98 36.0 28.3 42.5

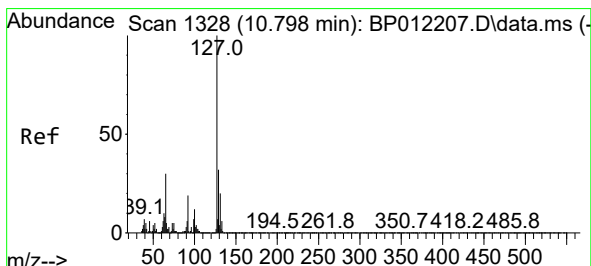
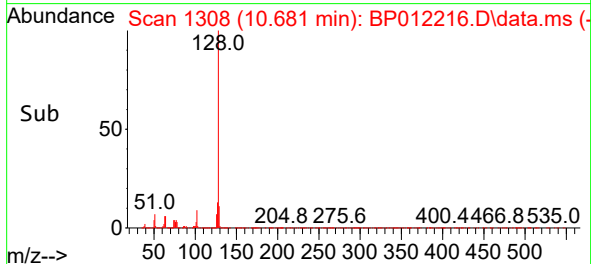
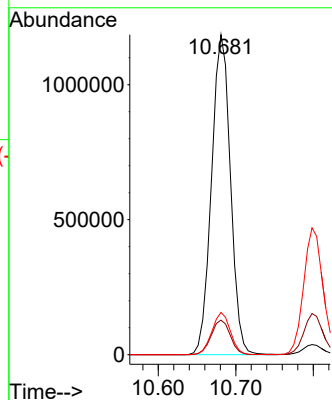
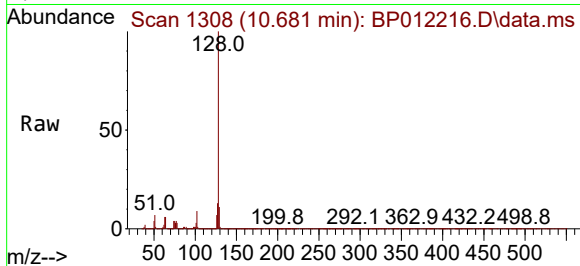




#30
Naphthalene
Concen: 21.668 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

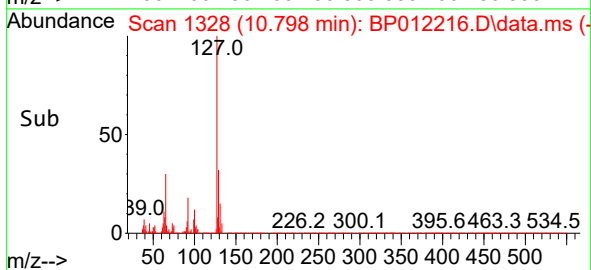
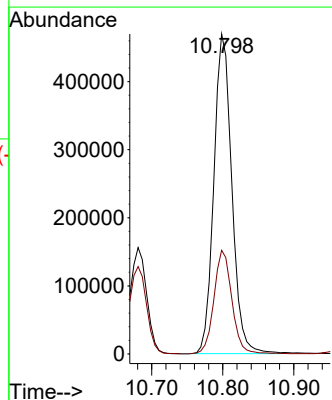
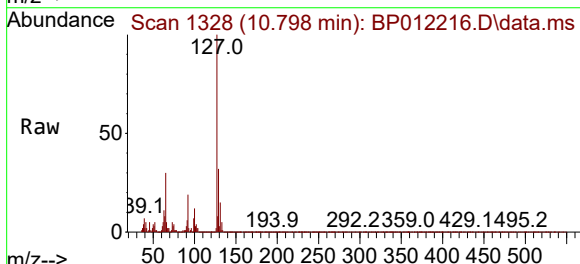
Instrument :
BNA_P
ClientSampleId :

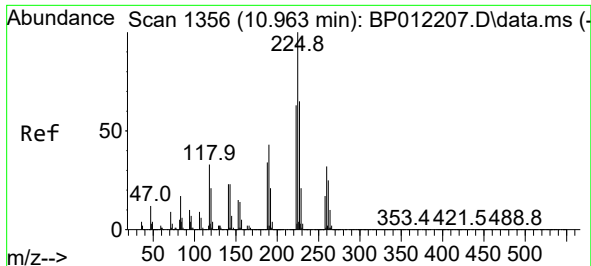
Tgt Ion:128 Resp: 2010883
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.2 15.4



#32
4-Chloroaniline
Concen: 21.621 ng/ul
RT: 10.798 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

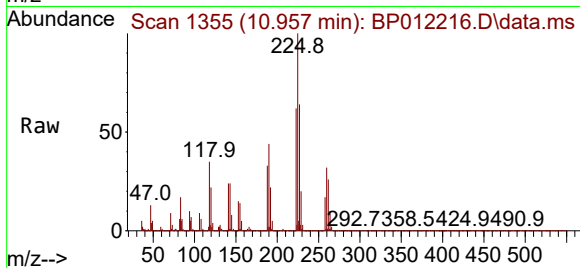
Tgt Ion:127 Resp: 824218
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4



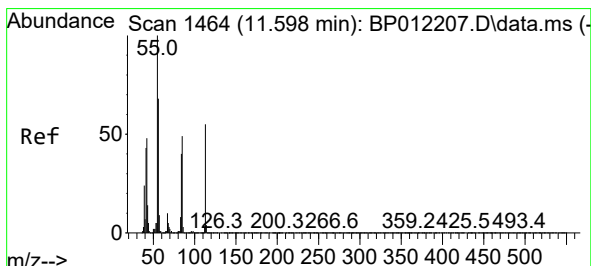
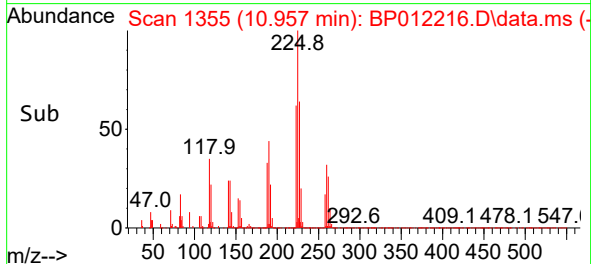
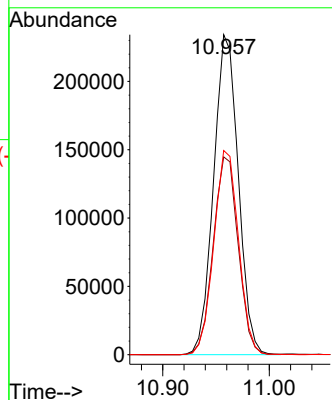


#33
Hexachlorobutadiene
Concen: 22.292 ng/ul
RT: 10.957 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Instrument :
BNA_P
ClientSampleId :

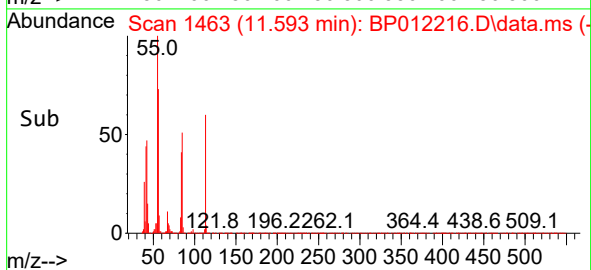
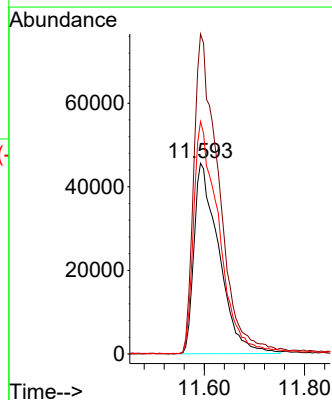
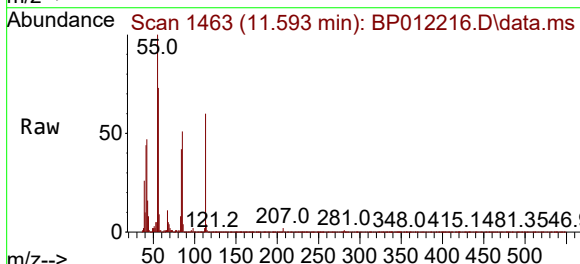


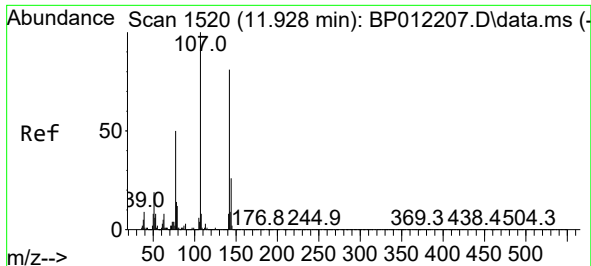
Tgt Ion:225 Resp: 377156
Ion Ratio Lower Upper
225 100
223 61.8 50.2 75.4
227 63.8 51.9 77.9



#34
Caprolactam
Concen: 18.749 ng/ul
RT: 11.593 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:113 Resp: 156559
Ion Ratio Lower Upper
113 100
55 167.8 133.7 200.5
56 122.0 95.4 143.2

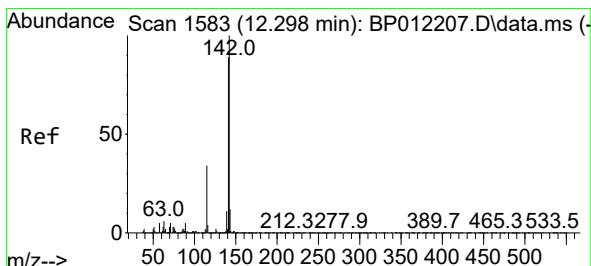
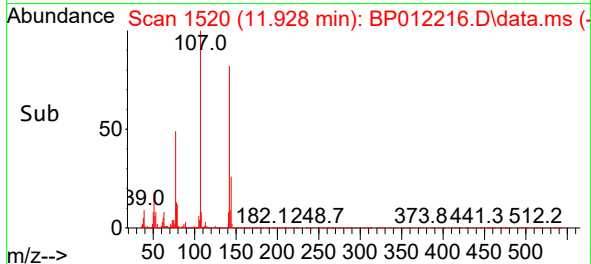
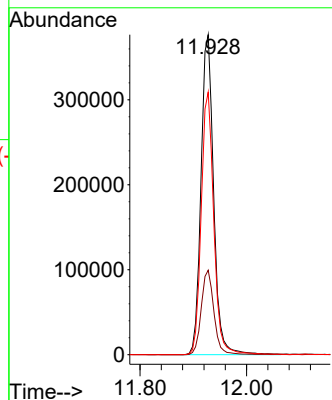
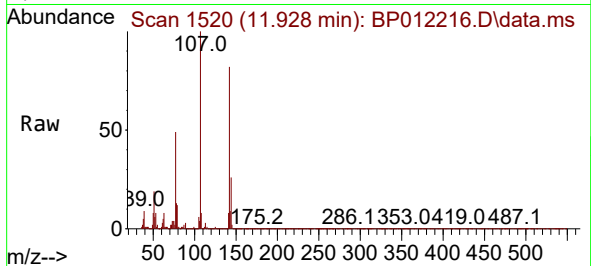




#35
4-Chloro-3-methylphenol
Concen: 21.346 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

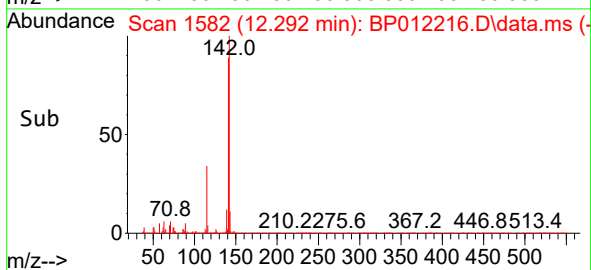
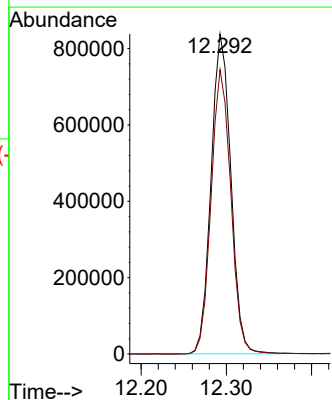
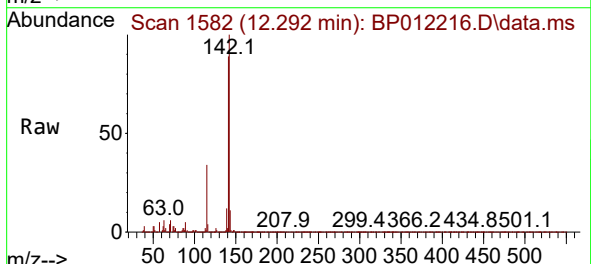
Instrument :
BNA_P
ClientSampleId :

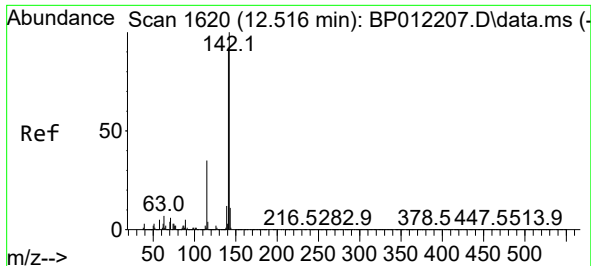
Tgt Ion:107 Resp: 619932
Ion Ratio Lower Upper
107 100
144 26.4 21.2 31.8
142 82.0 65.5 98.3



#36
2-Methylnaphthalene
Concen: 21.399 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:142 Resp: 1351200
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





#37

1-Methylnaphthalene

Concen: 21.435 ng/ul

RT: 12.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

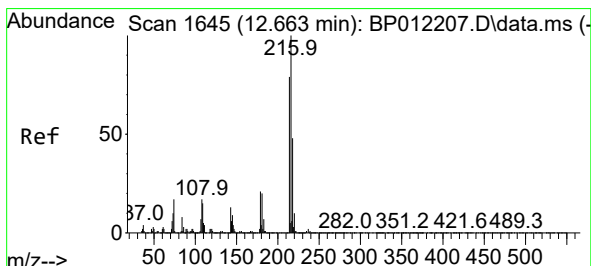
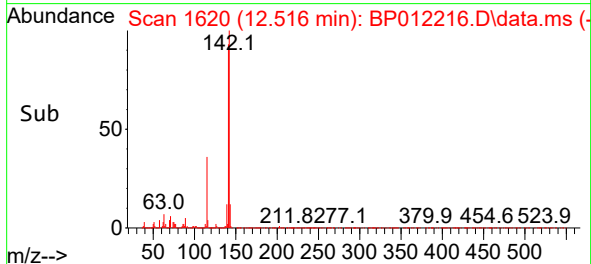
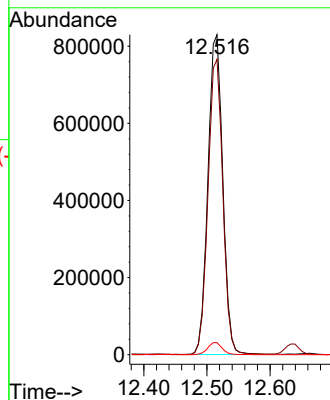
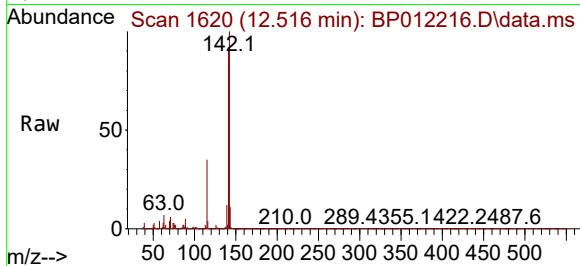
Tgt Ion:142 Resp: 1351456

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.0

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.644 ng/ul

RT: 12.663 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Tgt Ion:216 Resp: 712705

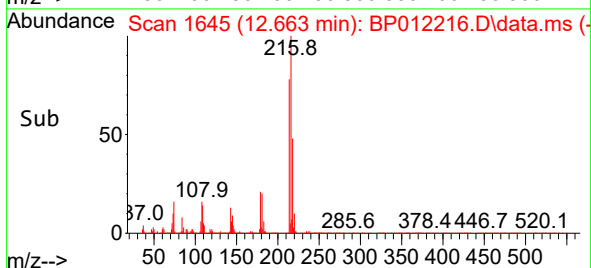
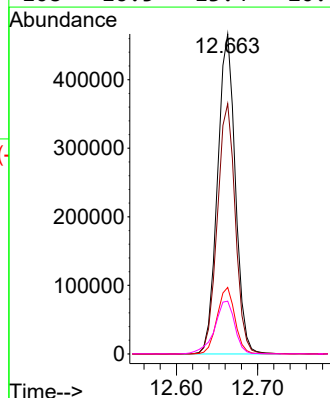
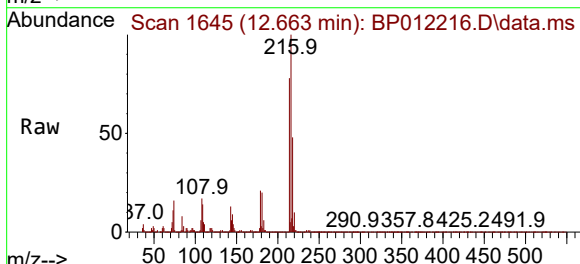
Ion Ratio Lower Upper

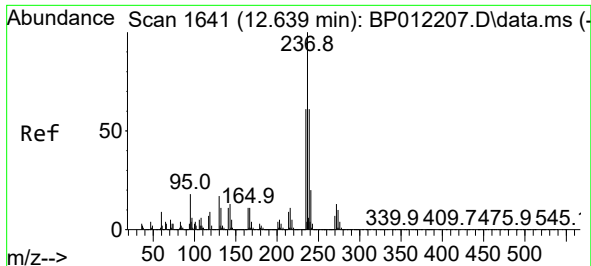
216 100

214 78.2 62.5 93.7

179 20.8 16.5 24.7

108 16.5 13.4 20.0

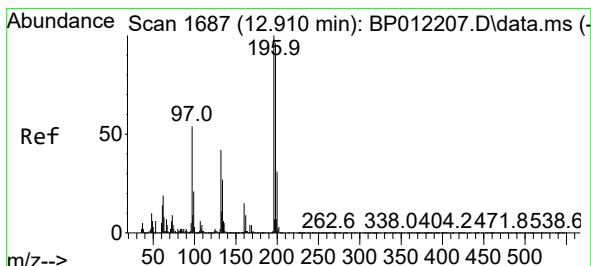
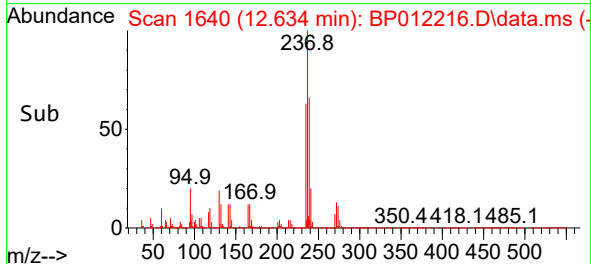
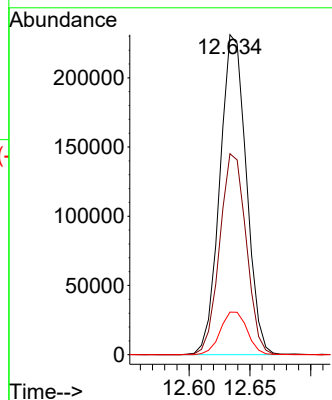
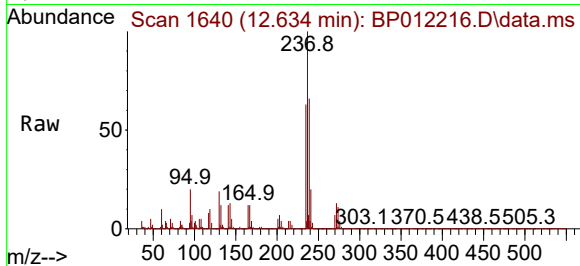




#40
Hexachlorocyclopentadiene
Concen: 20.884 ng/ul
RT: 12.634 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

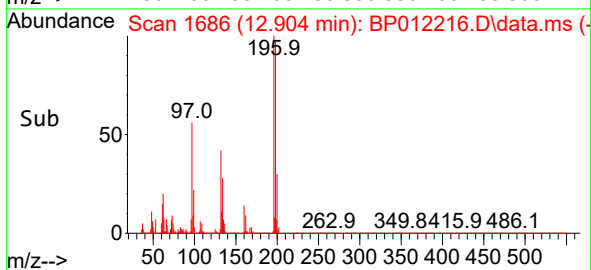
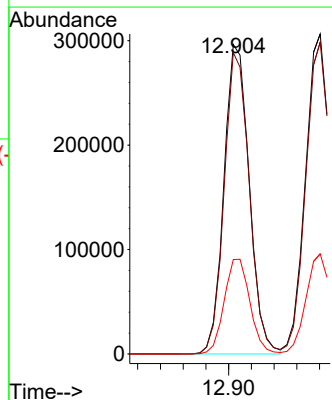
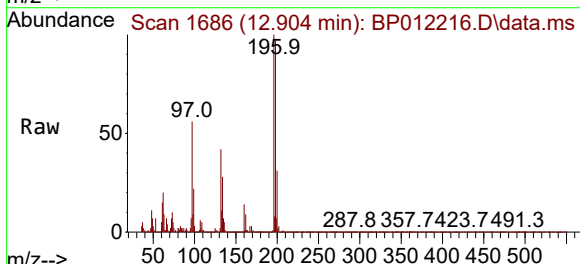
Instrument :
BNA_P
ClientSampleId :

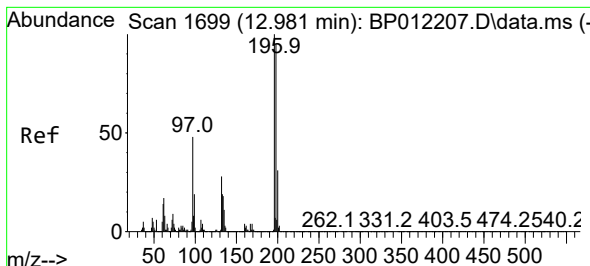
Tgt Ion:237 Resp: 349456
Ion Ratio Lower Upper
237 100
235 62.8 49.4 74.0
272 13.3 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 22.623 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:196 Resp: 459538
Ion Ratio Lower Upper
196 100
198 97.4 77.4 116.2
200 30.5 24.6 36.8

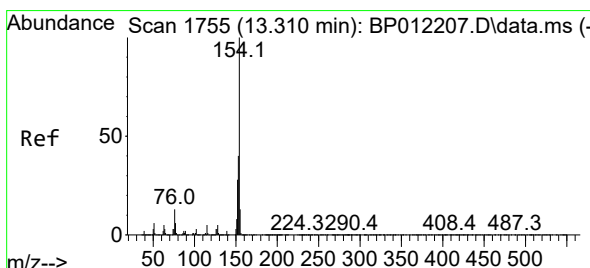
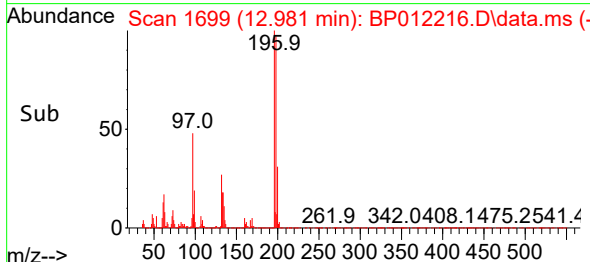
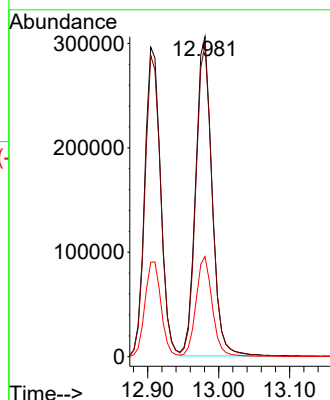
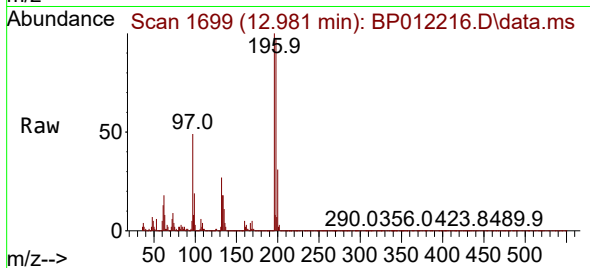




#42
2,4,5-Trichlorophenol
Concen: 22.117 ng/ul
RT: 12.981 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

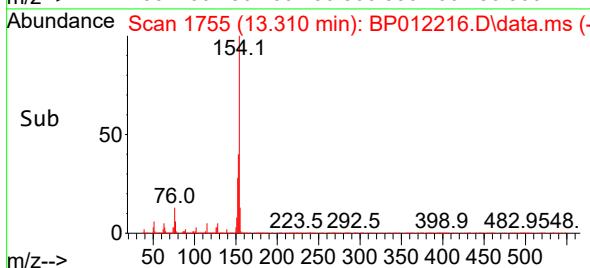
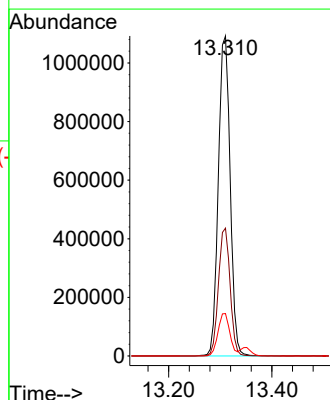
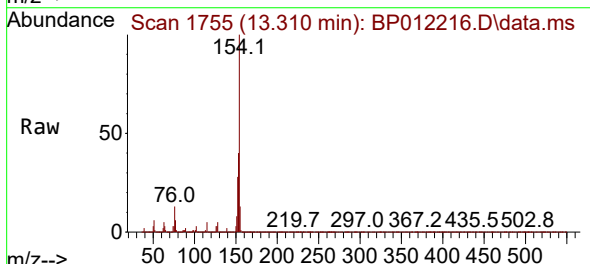
Instrument :
BNA_P
ClientSampleId :

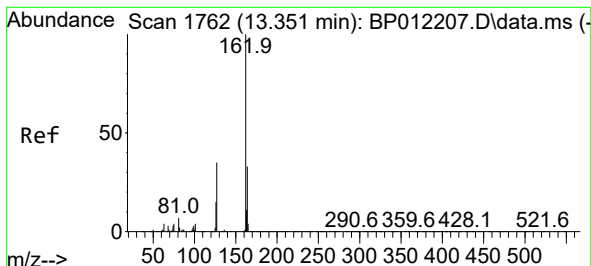
Tgt Ion:196 Resp: 490085
Ion Ratio Lower Upper
196 100
198 97.4 76.2 114.2
200 31.3 24.7 37.1



#43
1,1'-Biphenyl
Concen: 22.443 ng/ul
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:154 Resp: 1729010
Ion Ratio Lower Upper
154 100
153 40.0 31.5 47.3
76 13.2 11.0 16.4





#44

2-Chloronaphthalene

Concen: 22.399 ng/ul

RT: 13.351 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

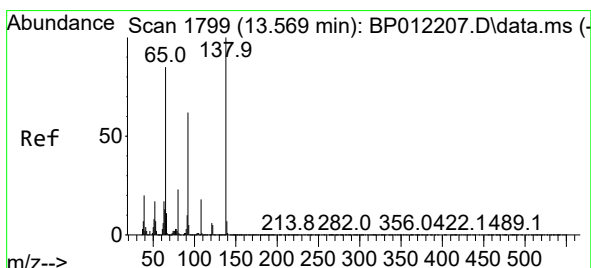
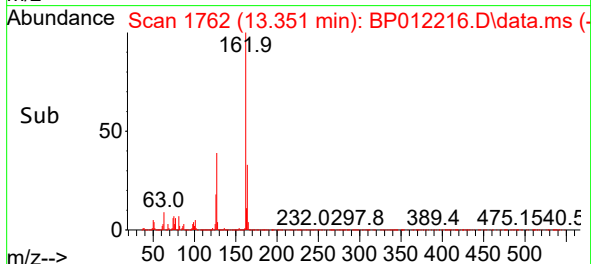
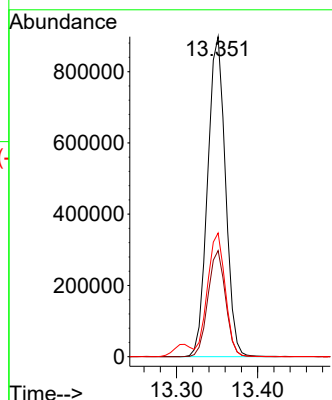
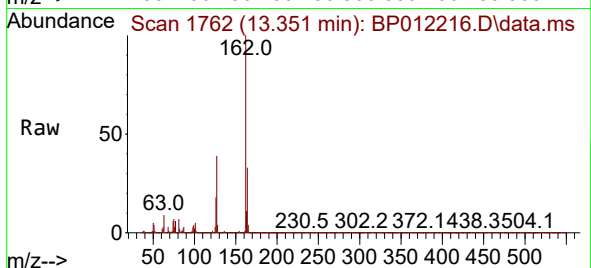
Tgt Ion:162 Resp: 1368133

Ion Ratio Lower Upper

162 100

164 33.2 26.1 39.1

127 38.7 30.8 46.2



#45

2-Nitroaniline

Concen: 21.617 ng/ul

RT: 13.563 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

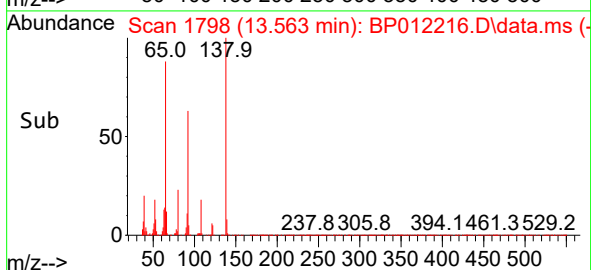
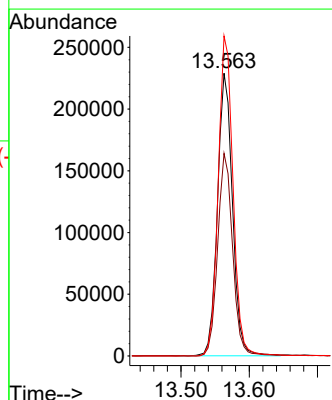
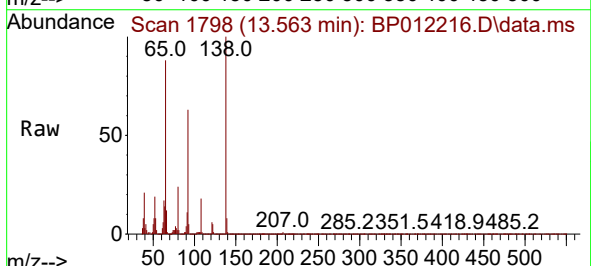
Tgt Ion: 65 Resp: 351024

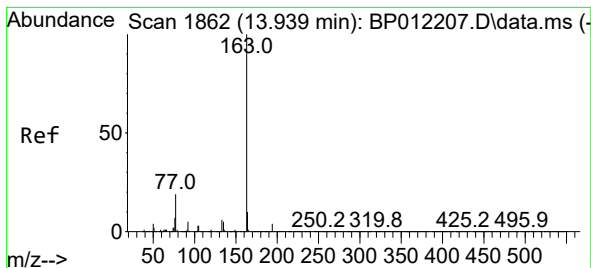
Ion Ratio Lower Upper

65 100

92 71.6 57.5 86.3

138 113.2 92.5 138.7





#47

Dimethylphthalate

Concen: 21.183 ng/ul

RT: 13.939 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

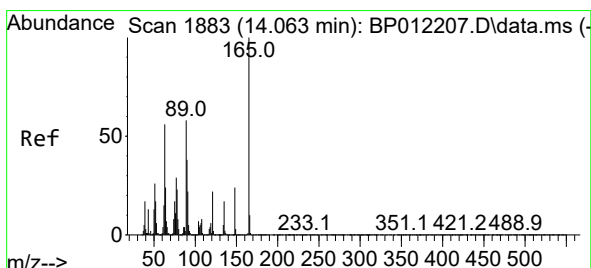
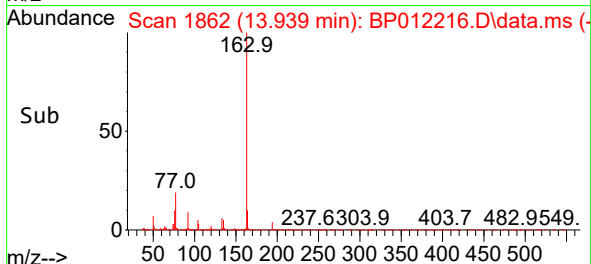
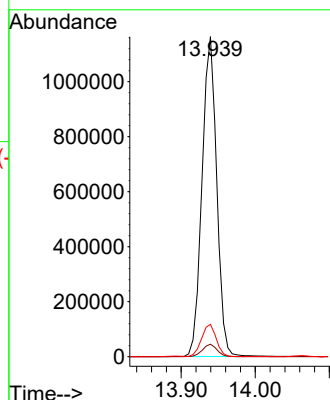
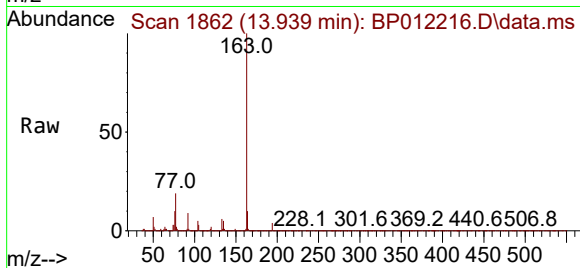
Tgt Ion:163 Resp: 1599411

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 21.711 ng/ul

RT: 14.063 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

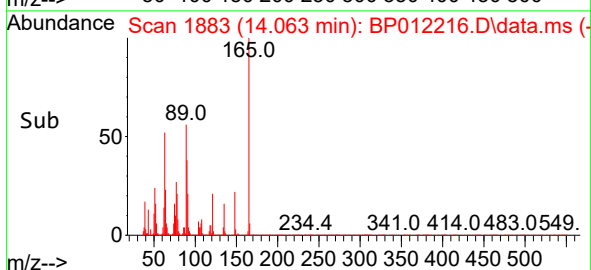
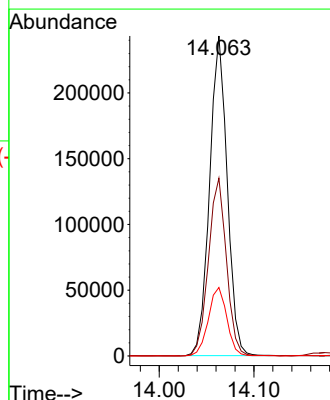
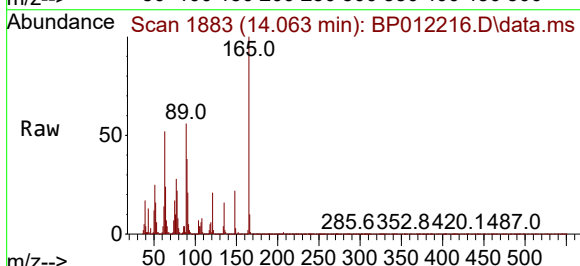
Tgt Ion:165 Resp: 313671

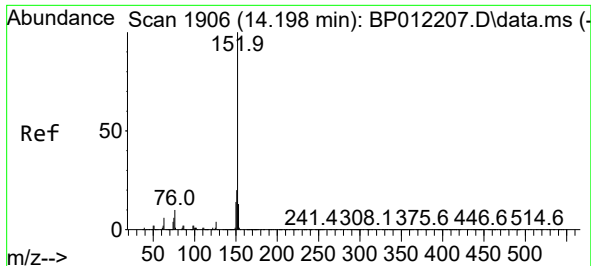
Ion Ratio Lower Upper

165 100

89 55.5 43.9 65.9

121 21.4 17.1 25.7

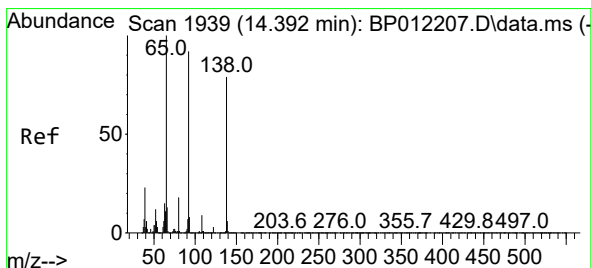
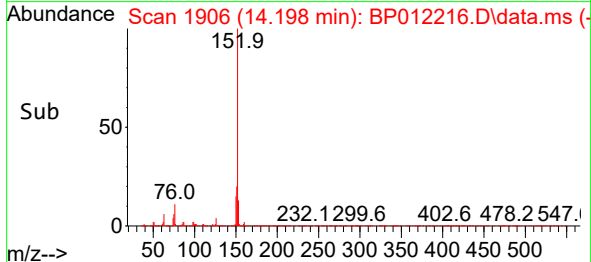
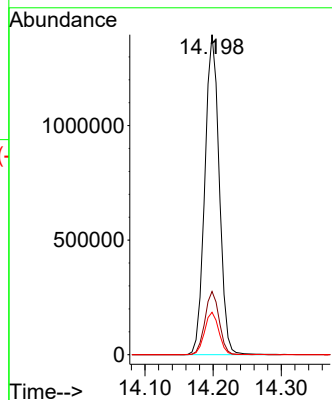
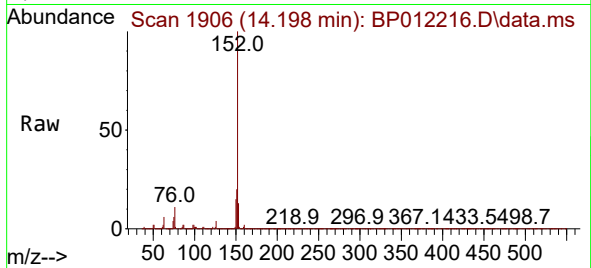




#50
Acenaphthylene
Concen: 22.393 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

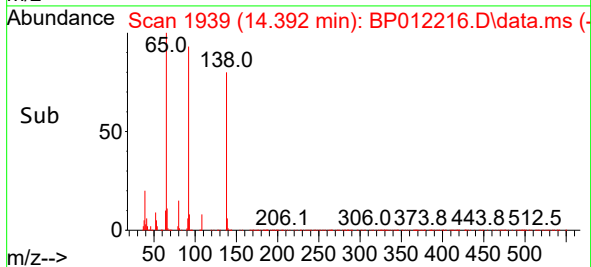
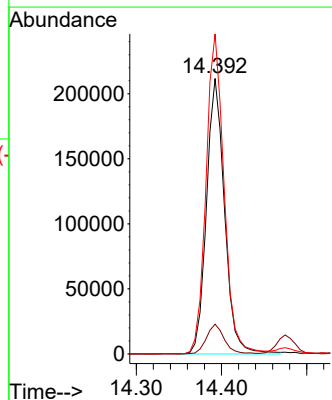
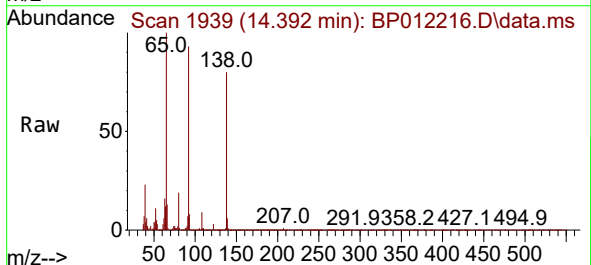
Instrument :
BNA_P
ClientSampleId :

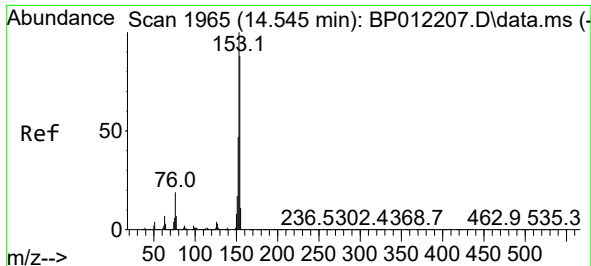
Tgt Ion:152 Resp: 2052161
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 20.418 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

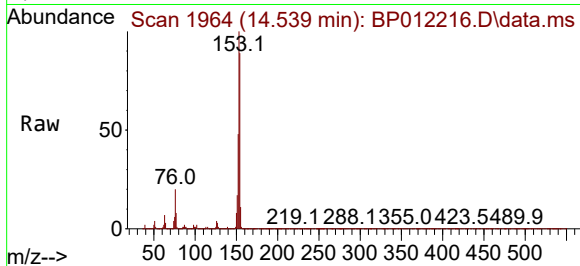
Tgt Ion:138 Resp: 311371
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.2
92 116.1 93.1 139.7



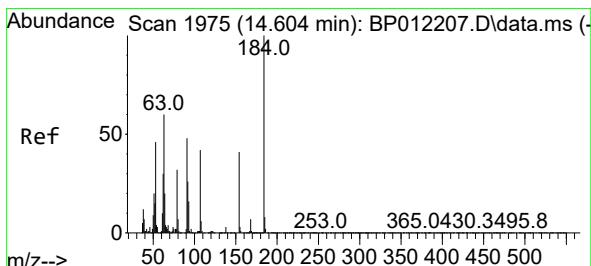
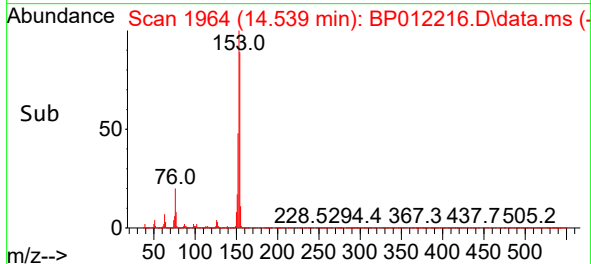
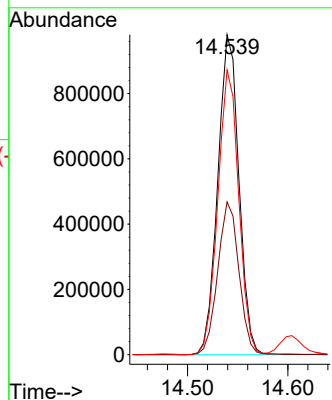


#52
Acenaphthene
Concen: 22.079 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Instrument :
BNA_P
ClientSampleId :

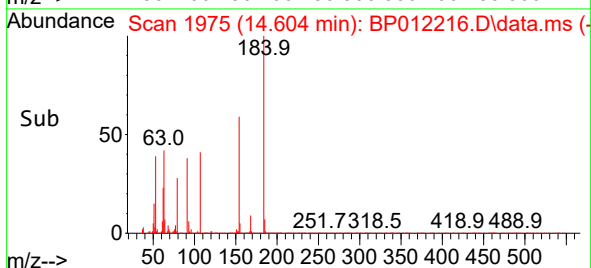
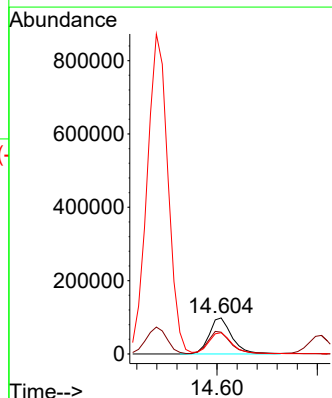
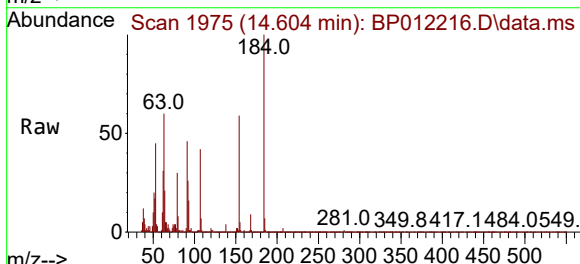


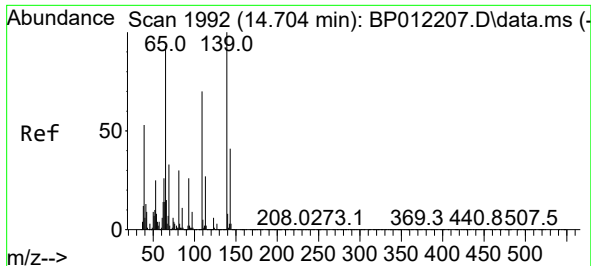
Tgt Ion:153 Resp: 1430942
Ion Ratio Lower Upper
153 100
152 47.8 38.1 57.1
154 89.0 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 17.802 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:184 Resp: 154429
Ion Ratio Lower Upper
184 100
63 60.4 51.1 76.7
154 59.3 47.2 70.8

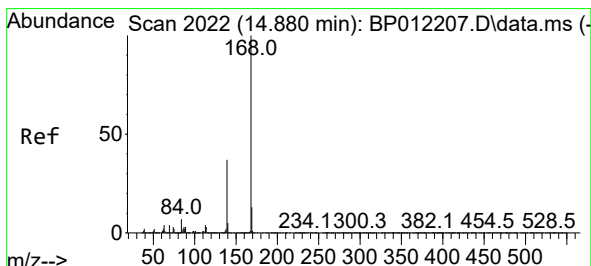
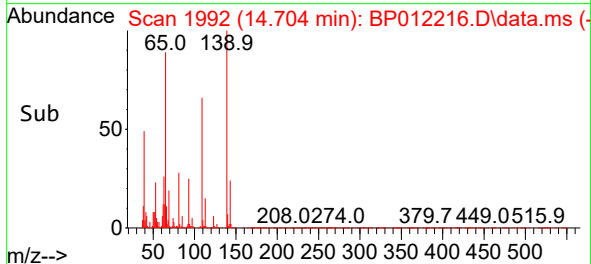
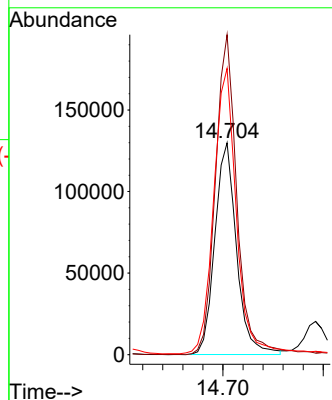
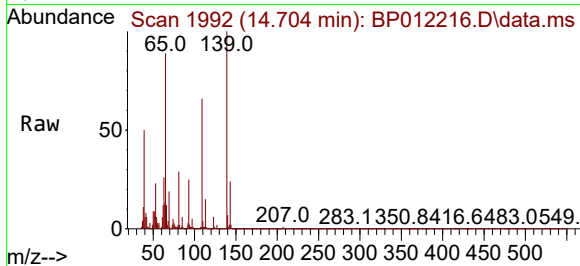




#55
4-Nitrophenol
Concen: 19.410 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

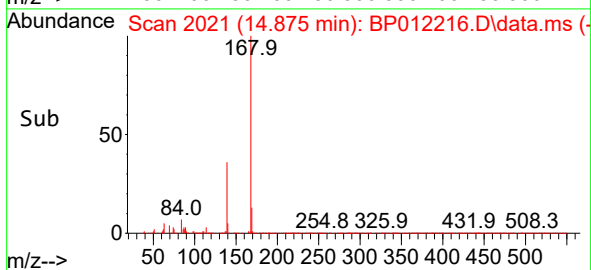
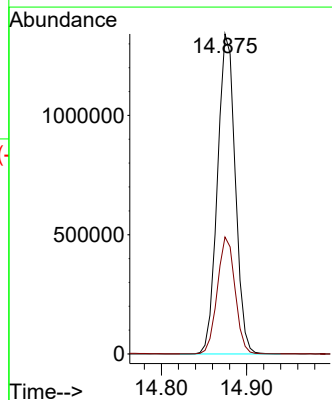
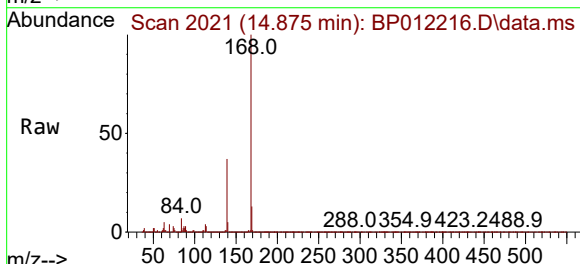
Instrument :
BNA_P
ClientSampleId :

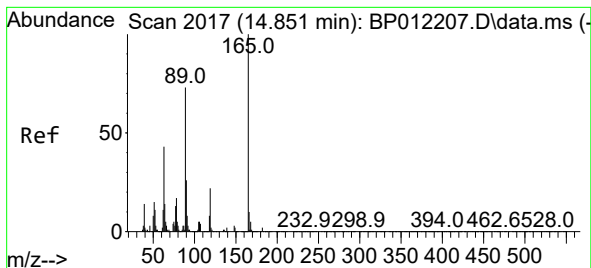
Tgt Ion:109 Resp: 194666
Ion Ratio Lower Upper
109 100
139 151.0 118.5 177.7
65 135.1 110.5 165.7



#56
Dibenzofuran
Concen: 21.891 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:168 Resp: 1942207
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 20.711 ng/ul

RT: 14.851 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

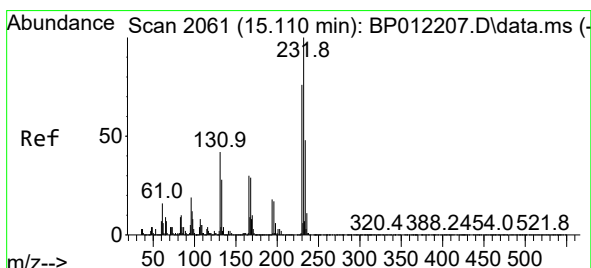
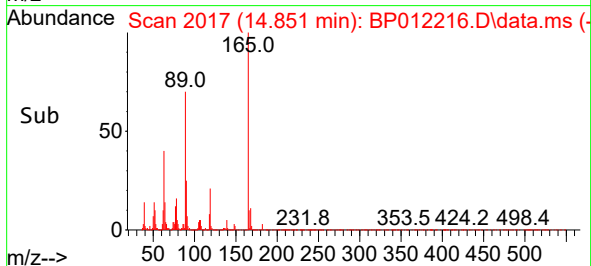
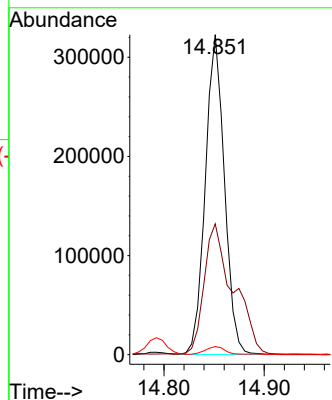
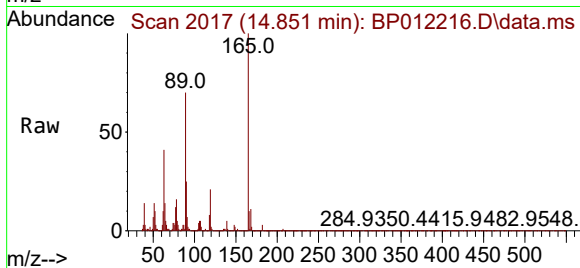
Tgt Ion:165 Resp: 427038

Ion Ratio Lower Upper

165 100

63 40.9 34.1 51.1

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.129 ng/ul

RT: 15.104 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Tgt Ion:232 Resp: 395819

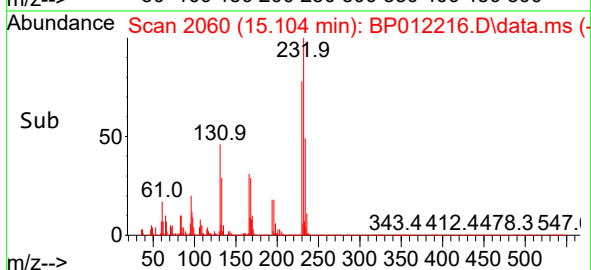
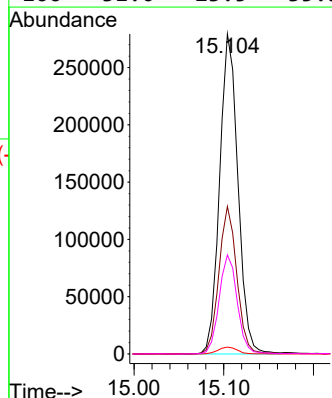
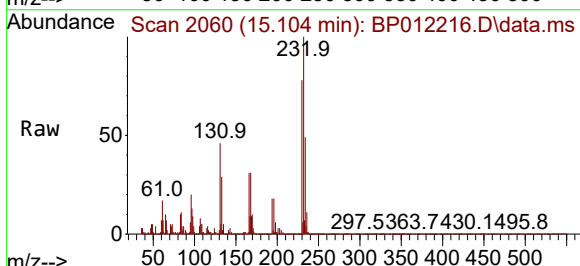
Ion Ratio Lower Upper

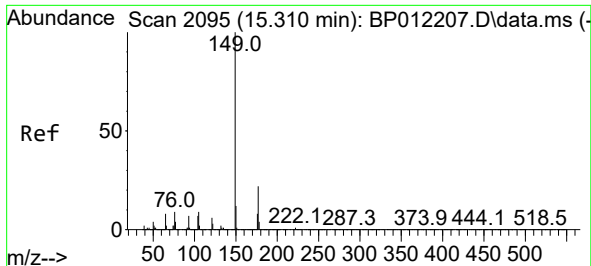
232 100

131 46.1 35.0 52.4

130 2.2 1.8 2.8

166 31.0 23.5 35.3

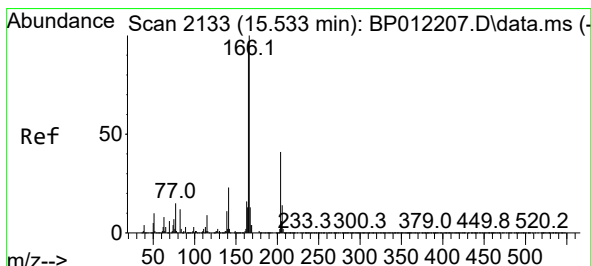
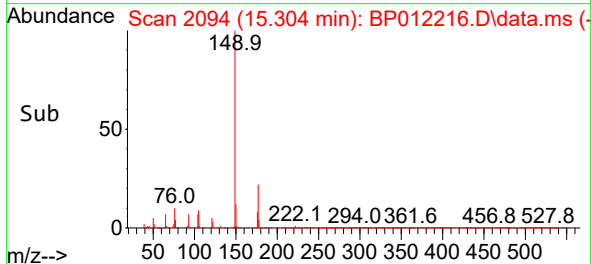
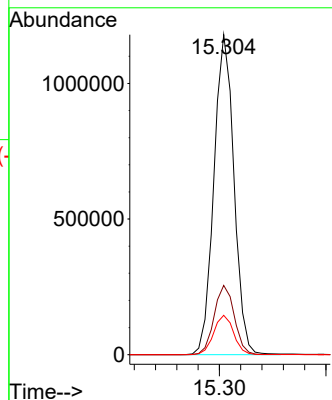
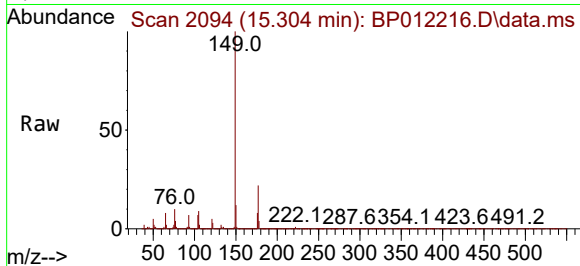




#59
Diethylphthalate
Concen: 20.745 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

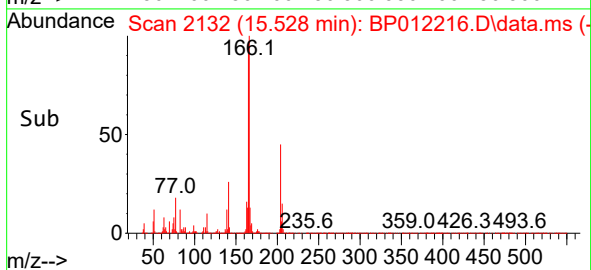
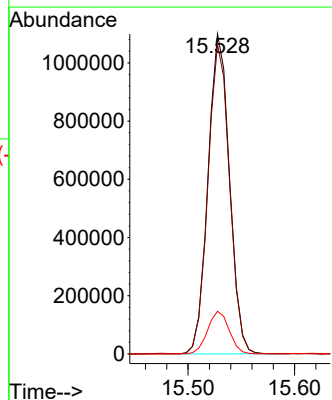
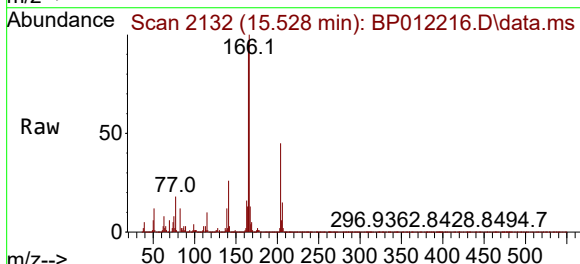
Instrument :
BNA_P
ClientSampleId :

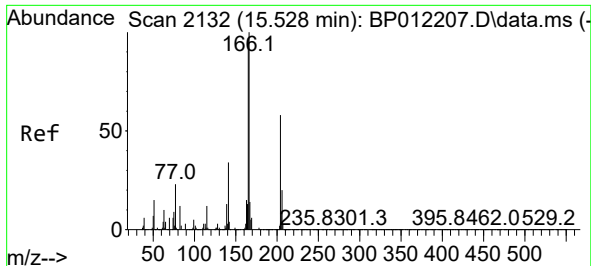
Tgt Ion:149 Resp: 1539504
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.3 10.1 15.1



#61
Fluorene
Concen: 21.881 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:166 Resp: 1538039
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.3 10.7 16.1

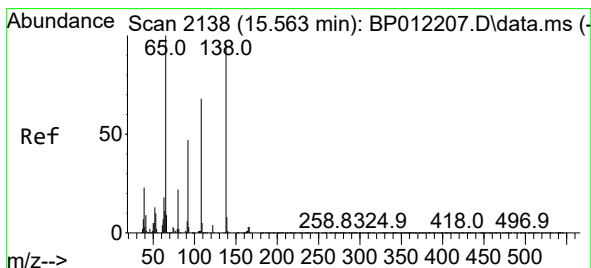
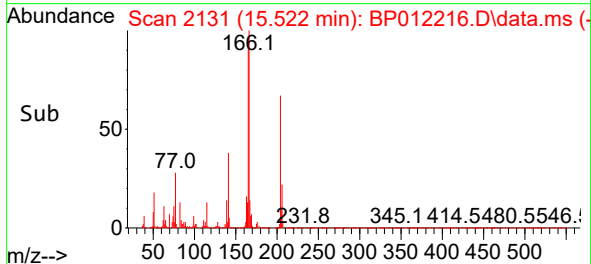
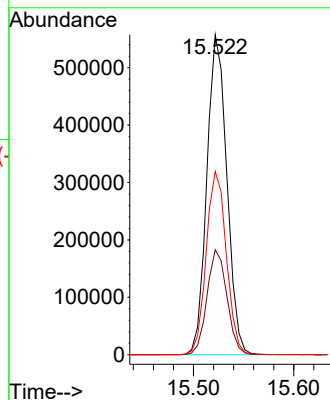
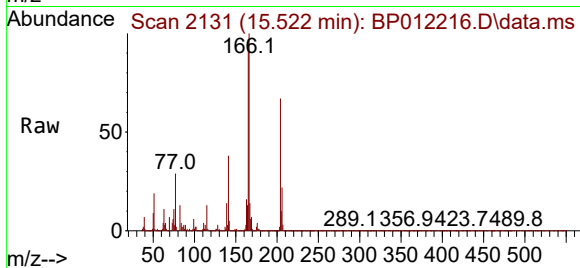




#62
4-Chlorophenyl-phenylether
Concen: 22.032 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

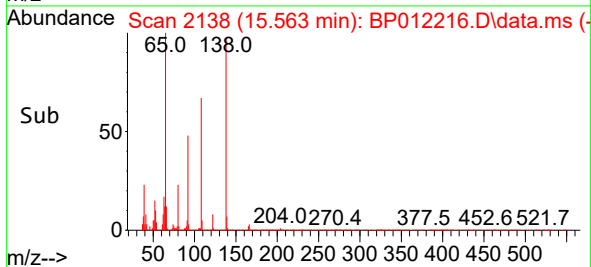
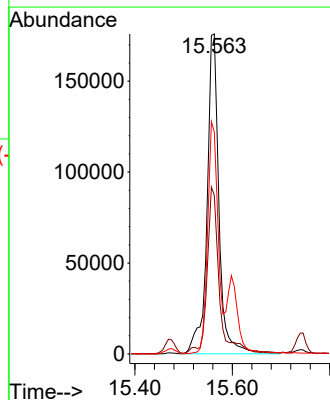
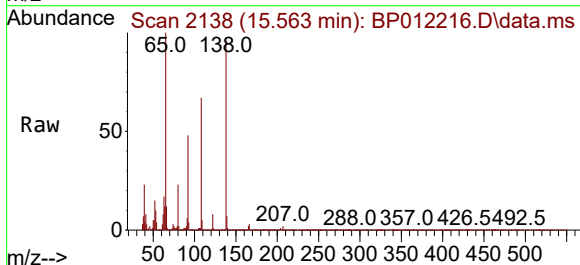
Instrument :
BNA_P
ClientSampleId :

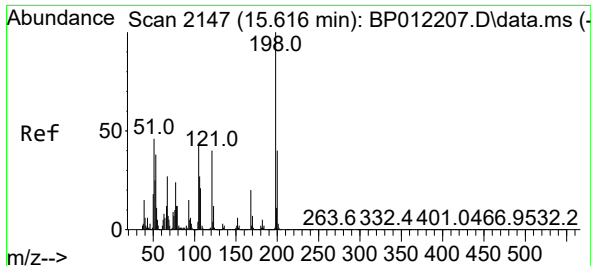
Tgt Ion:204 Resp: 771758
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 57.3 45.3 67.9



#63
4-Nitroaniline
Concen: 20.967 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:138 Resp: 300152
Ion Ratio Lower Upper
138 100
92 49.6 41.6 62.4
108 69.4 57.0 85.6

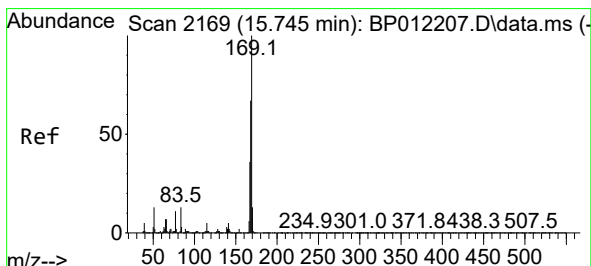
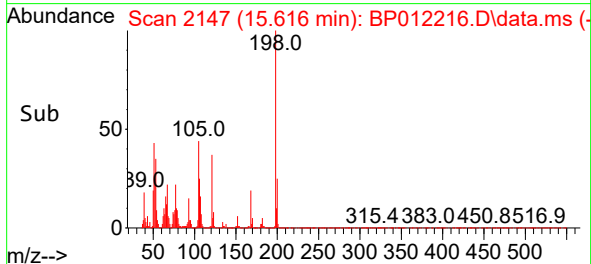
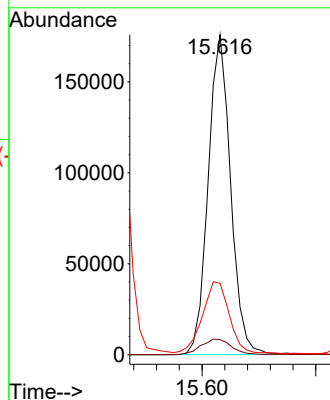
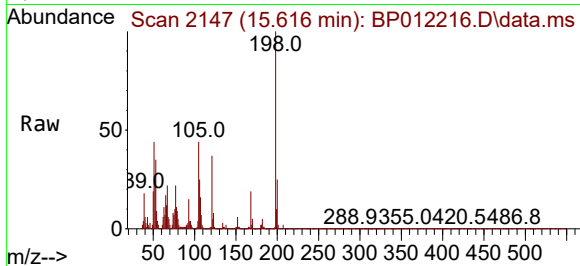




#66
4,6-Dinitro-2-methylphenol
Concen: 20.755 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

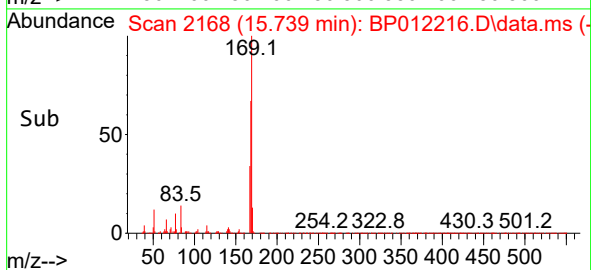
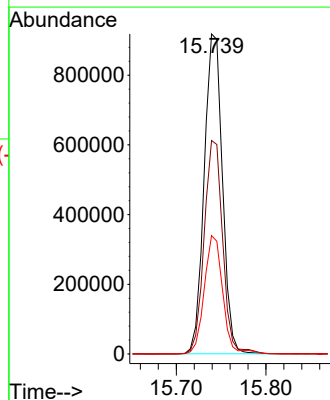
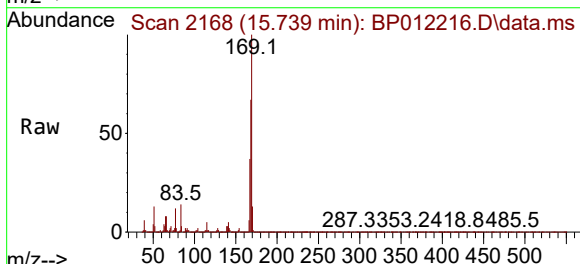
Instrument :
BNA_P
ClientSampleId :

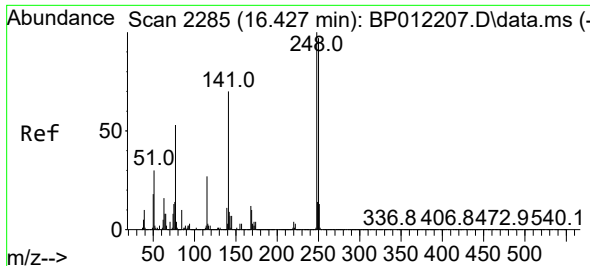
Tgt Ion:198 Resp: 240849
Ion Ratio Lower Upper
198 100
182 4.7 3.8 5.6
77 22.3 17.8 26.6



#67
N-Nitrosodiphenylamine
Concen: 22.970 ng/ul
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:169 Resp: 1295477
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 37.0 29.2 43.8

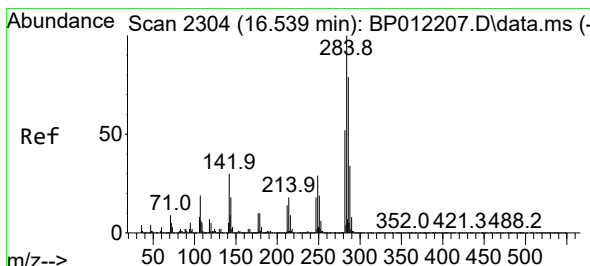
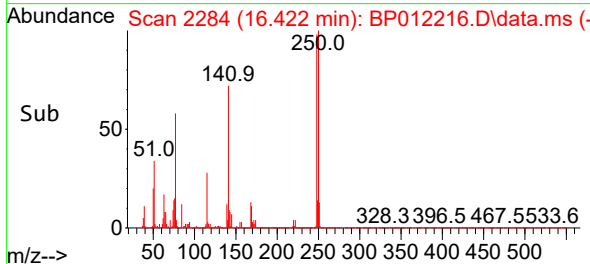
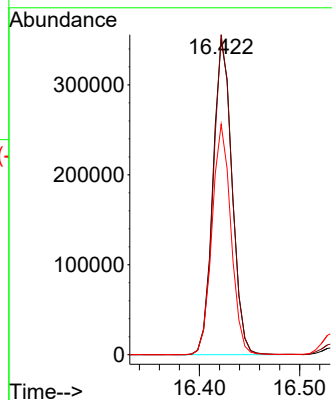
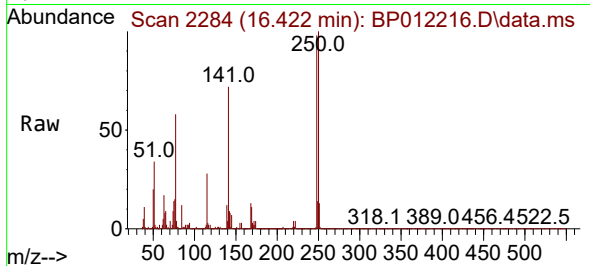




#68
4-Bromophenyl-phenylether
Concen: 22.600 ng/ul
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

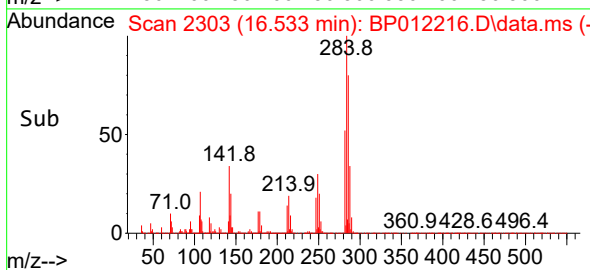
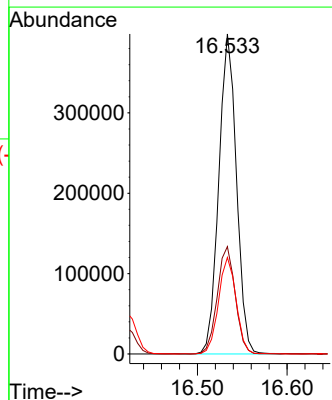
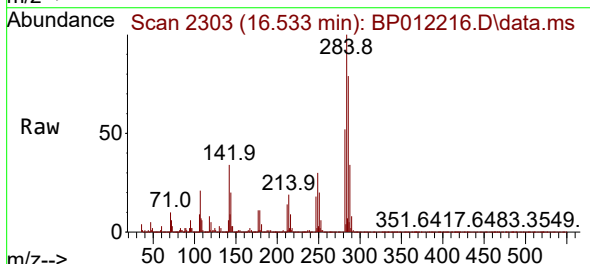
Instrument :
BNA_P
ClientSampleId :

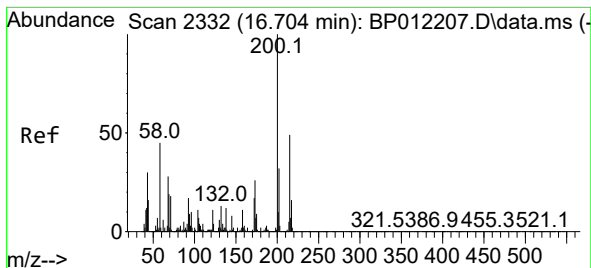
Tgt Ion:248 Resp: 464970
Ion Ratio Lower Upper
248 100
250 101.6 79.0 118.4
141 73.1 55.1 82.7



#69
Hexachlorobenzene
Concen: 22.426 ng/ul
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:284 Resp: 543860
Ion Ratio Lower Upper
284 100
142 33.6 25.5 38.3
249 30.1 23.6 35.4





#70

Atrazine

Concen: 21.030 ng/ul

RT: 16.704 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

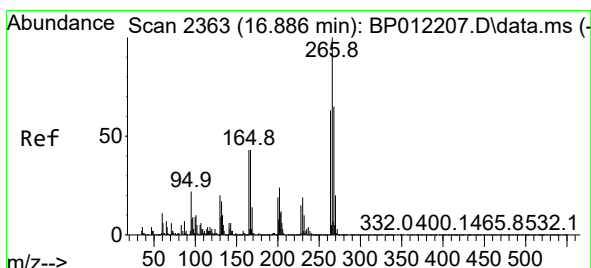
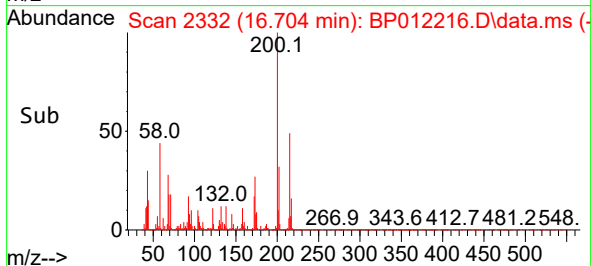
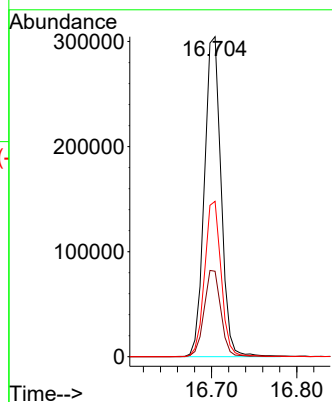
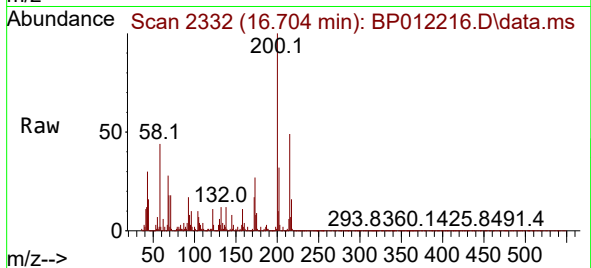
Tgt Ion:200 Resp: 414048

Ion Ratio Lower Upper

200 100

173 26.7 21.4 32.0

215 48.5 38.2 57.2



#71

Pentachlorophenol

Concen: 20.624 ng/ul

RT: 16.886 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

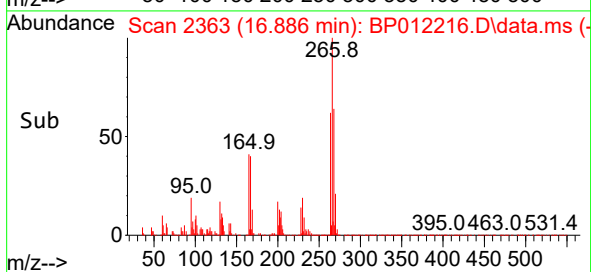
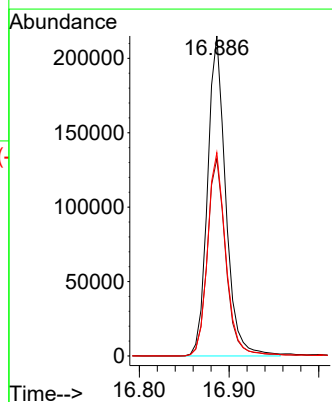
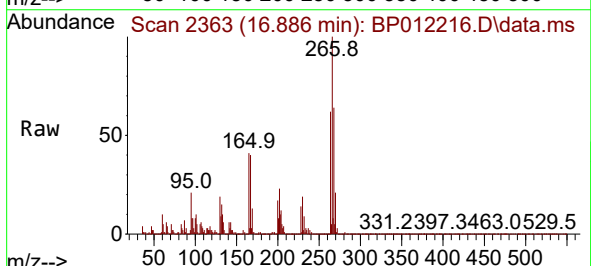
Tgt Ion:266 Resp: 301917

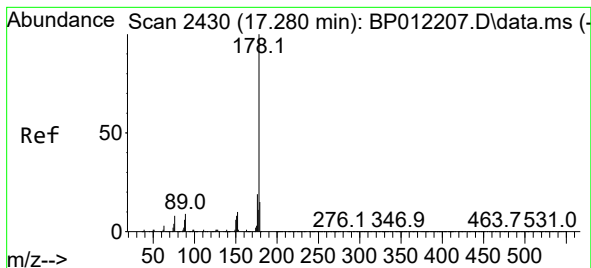
Ion Ratio Lower Upper

266 100

264 61.6 50.1 75.1

268 63.5 50.6 76.0





#72

Phenanthrene

Concen: 22.089 ng/ul

RT: 17.280 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

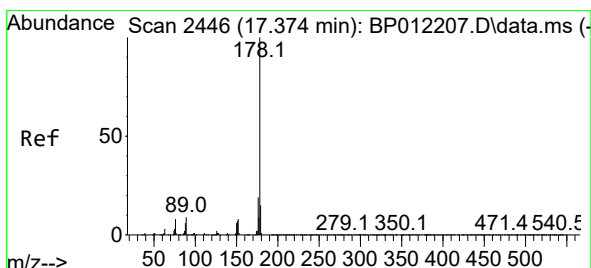
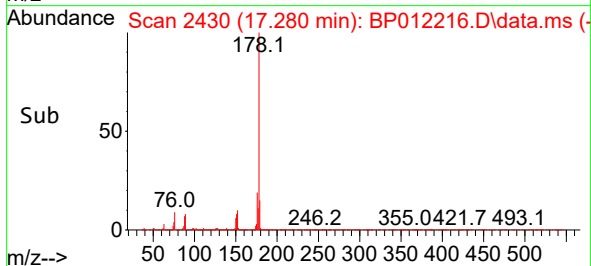
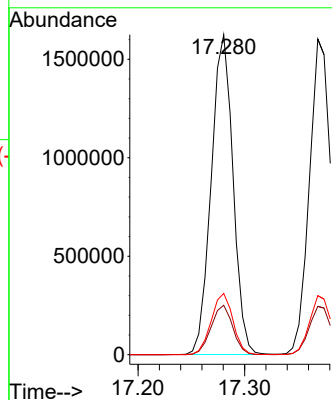
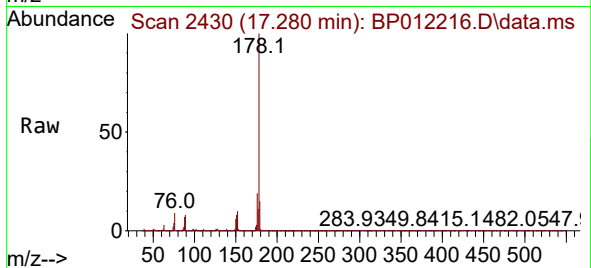
Tgt Ion:178 Resp: 2306953

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.2 15.6 23.4



#74

Anthracene

Concen: 22.324 ng/ul

RT: 17.369 min Scan# 2445

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

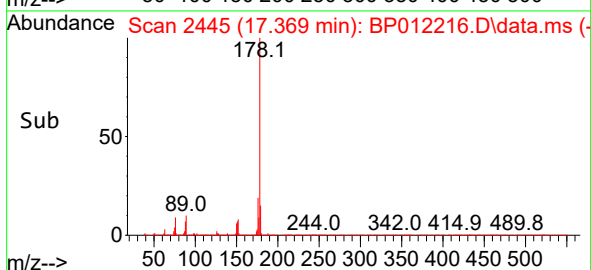
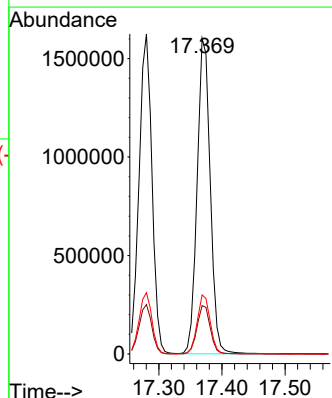
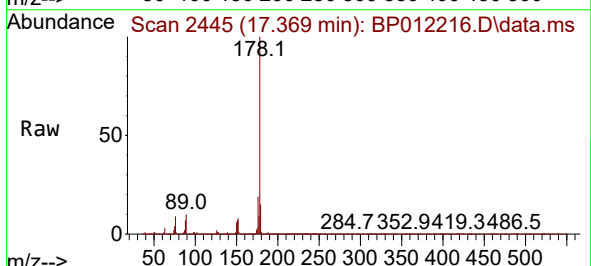
Tgt Ion:178 Resp: 2306807

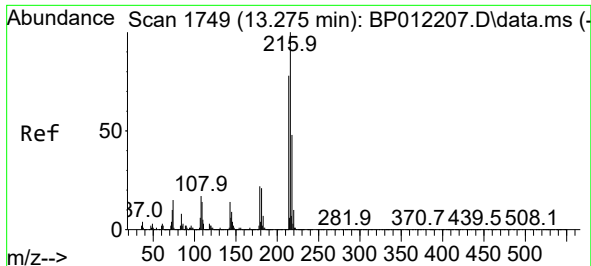
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.7 15.0 22.4

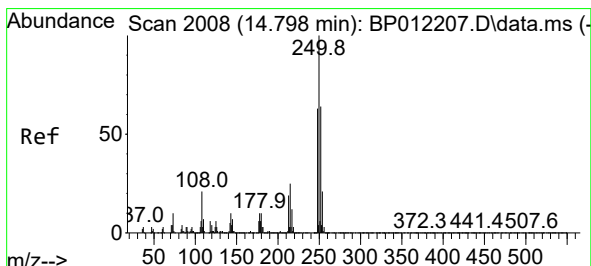
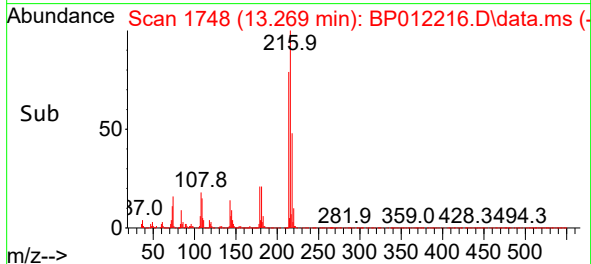
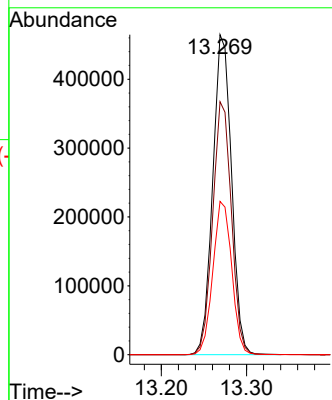
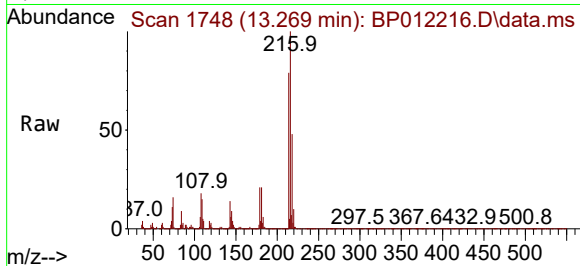




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.503 ng/uL
RT: 13.269 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

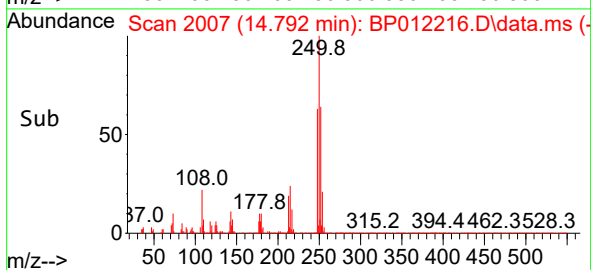
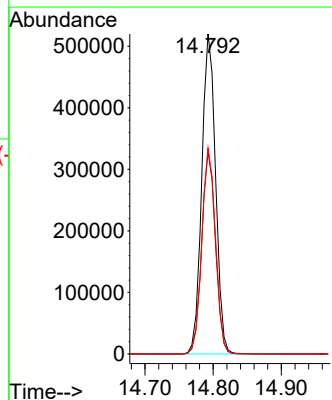
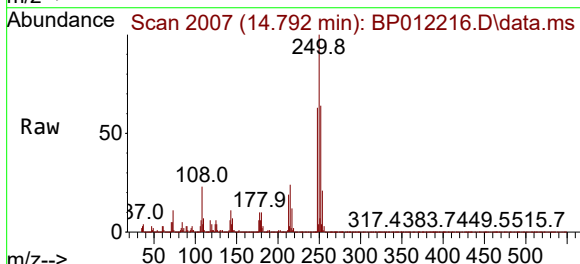
Instrument :
BNA_P
ClientSampleId :

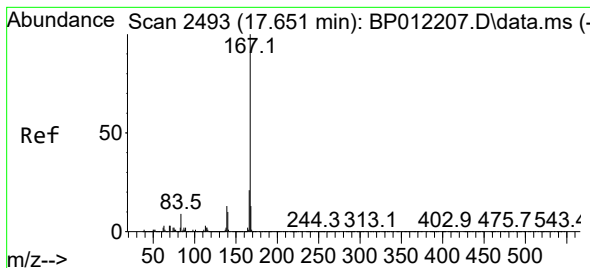
Tgt Ion:216 Resp: 710487
Ion Ratio Lower Upper
216 100
214 79.1 62.9 94.3
218 47.9 38.6 57.8



#76
Pentachlorobenzene
Concen: 23.950 ng/uL
RT: 14.792 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:250 Resp: 731496
Ion Ratio Lower Upper
250 100
248 63.2 50.3 75.5
252 64.4 52.0 78.0





#77

Carbazole

Concen: 21.853 ng/ul

RT: 17.645 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

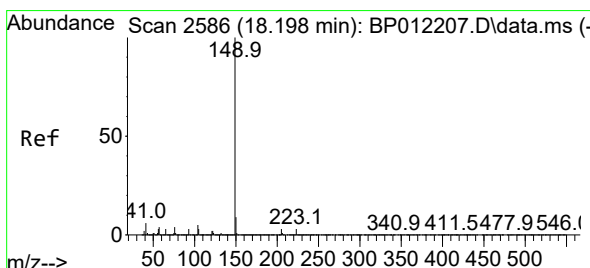
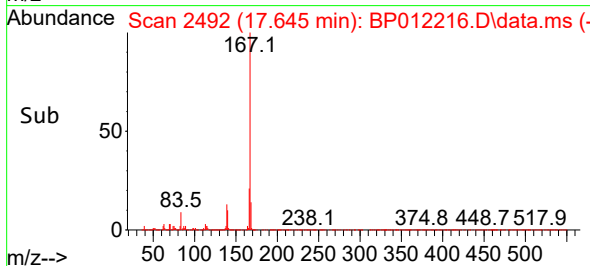
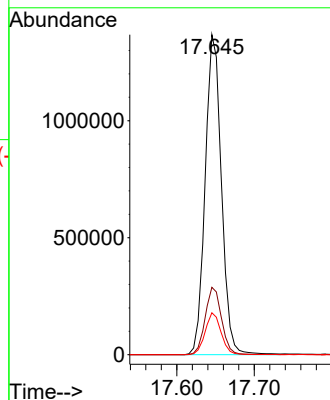
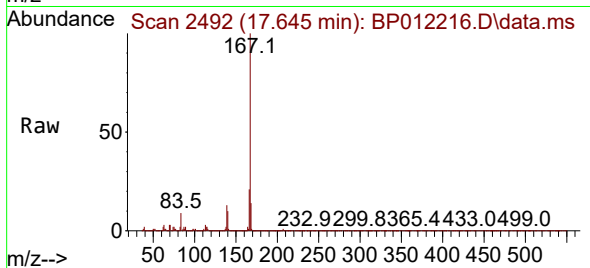
Tgt Ion:167 Resp: 1992931

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

139 13.1 10.2 15.4



#78

Di-n-butylphthalate

Concen: 21.168 ng/ul

RT: 18.198 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

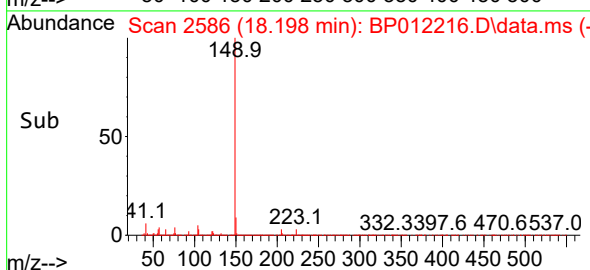
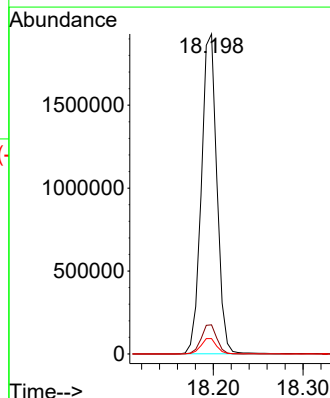
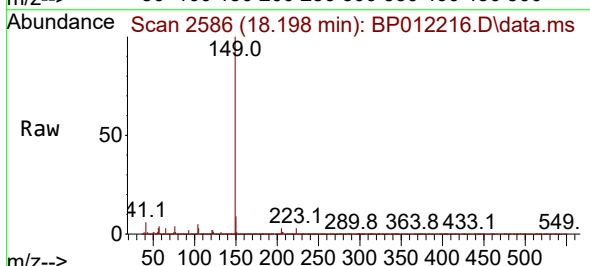
Tgt Ion:149 Resp: 2315814

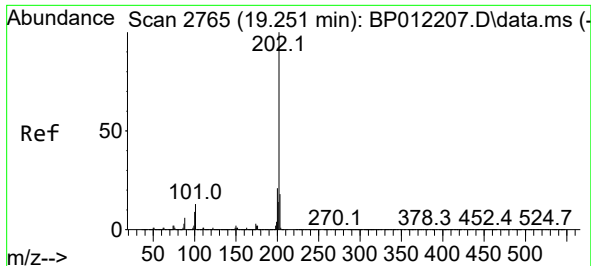
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.8 3.8 5.6

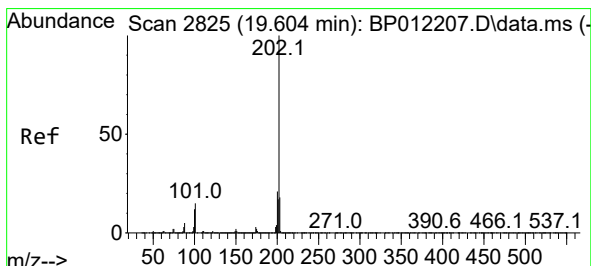
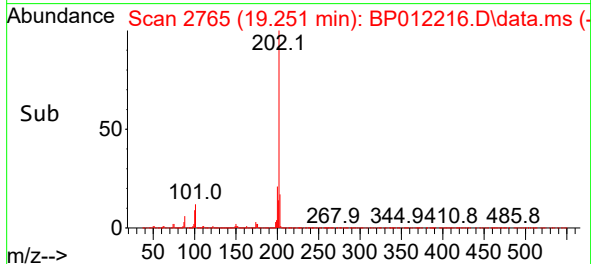
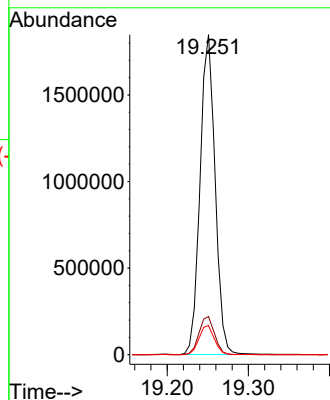
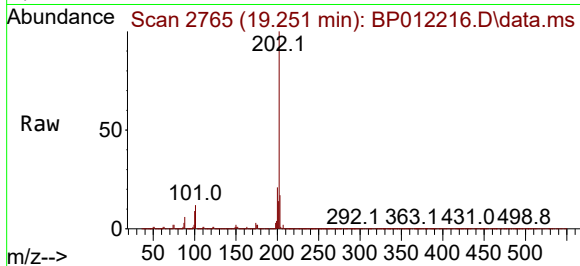




#80
Fluoranthene
Concen: 22.426 ng/ul
RT: 19.251 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

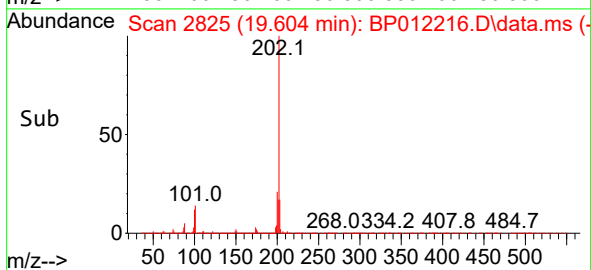
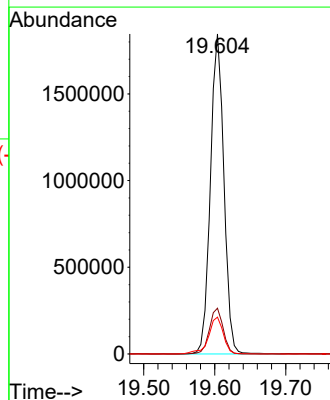
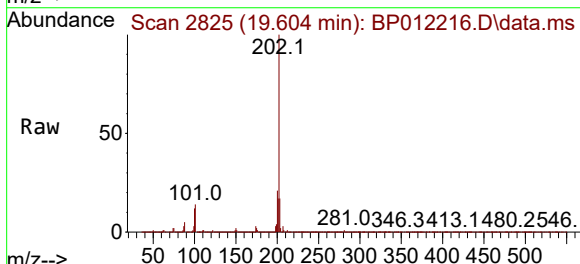
Instrument :
BNA_P
ClientSampleId :

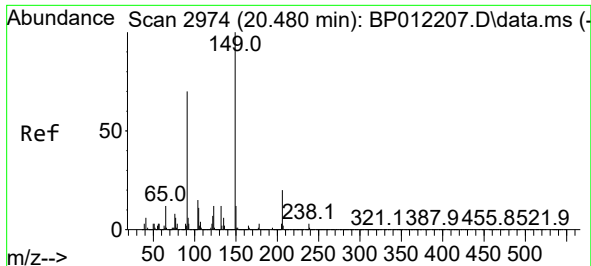
Tgt Ion:202 Resp: 2385640
Ion Ratio Lower Upper
202 100
101 11.9 10.4 15.6
100 9.1 7.7 11.5



#82
Pyrene
Concen: 22.337 ng/ul
RT: 19.604 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:202 Resp: 2431023
Ion Ratio Lower Upper
202 100
101 14.3 12.3 18.5
100 11.5 10.0 15.0

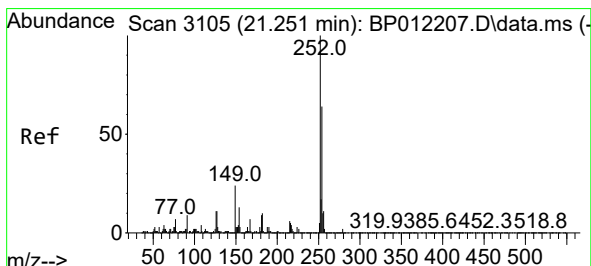
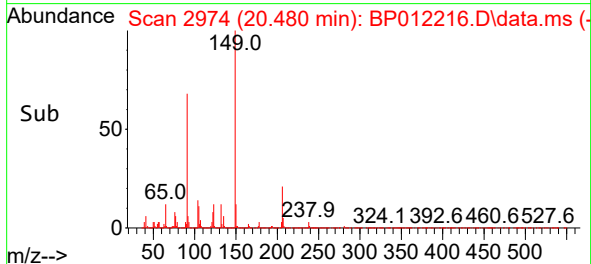
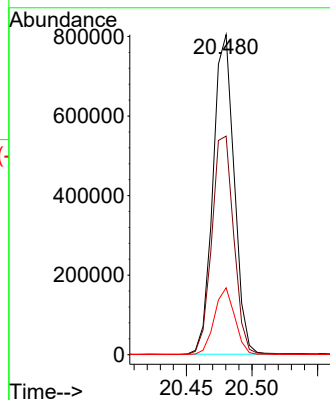
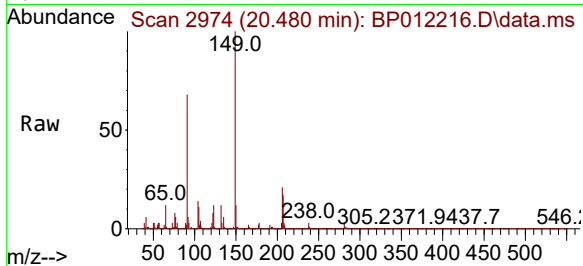




#83
Butylbenzylphthalate
Concen: 21.284 ng/ul
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

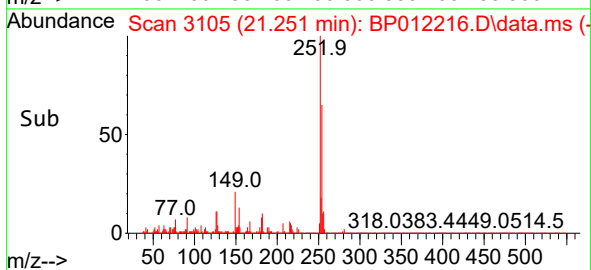
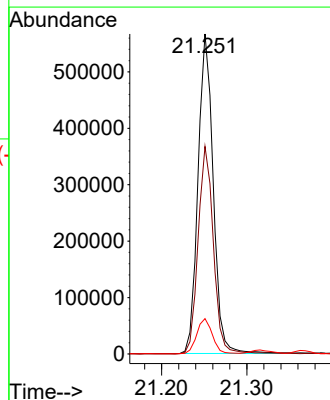
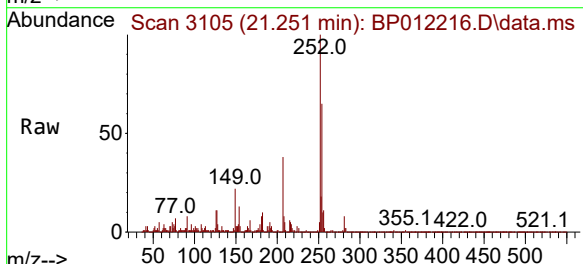
Instrument :
BNA_P
ClientSampleId :

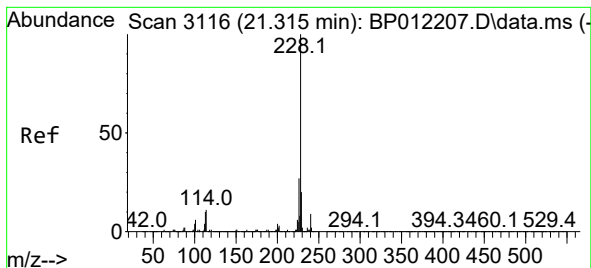
Tgt Ion:149 Resp: 900969
Ion Ratio Lower Upper
149 100
91 68.3 56.1 84.1
206 20.9 16.1 24.1



#84
3,3'-Dichlorobenzidine
Concen: 21.340 ng/ul
RT: 21.251 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:252 Resp: 702769
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.4
126 11.0 9.8 14.6





#85

Benzo(a)anthracene

Concen: 21.586 ng/ul

RT: 21.316 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

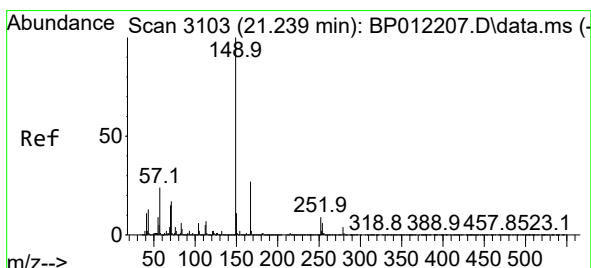
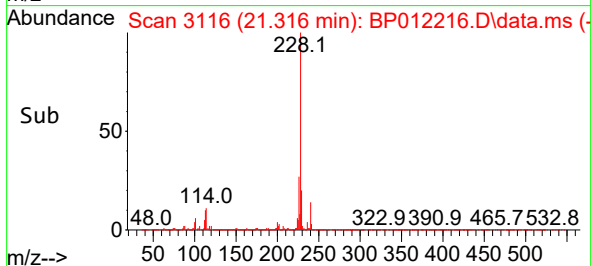
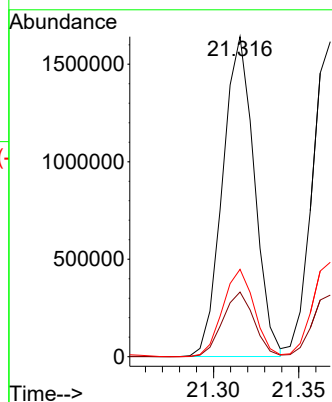
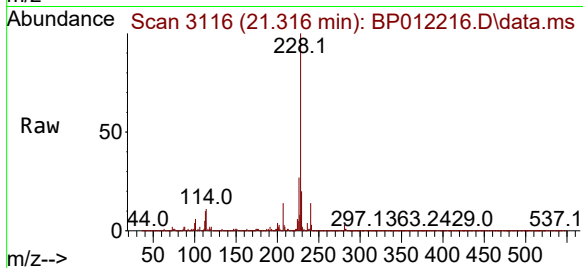
Tgt Ion:228 Resp: 2127198

Ion Ratio Lower Upper

228 100

229 20.2 16.1 24.1

226 27.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.407 ng/ul

RT: 21.233 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

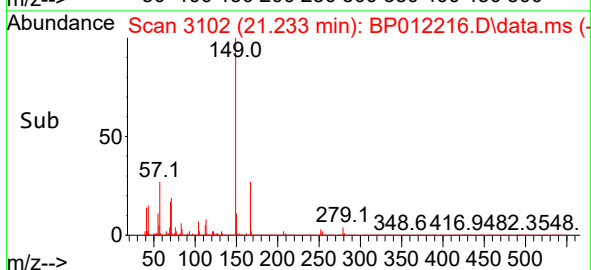
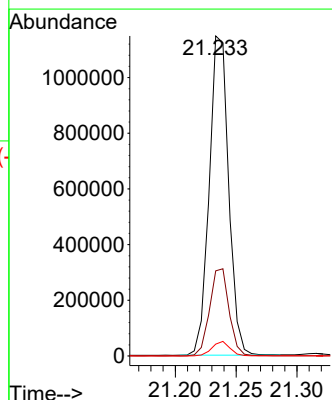
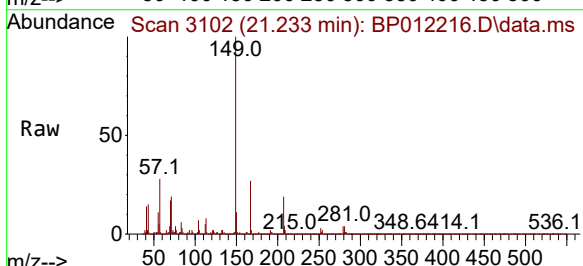
Tgt Ion:149 Resp: 1269549

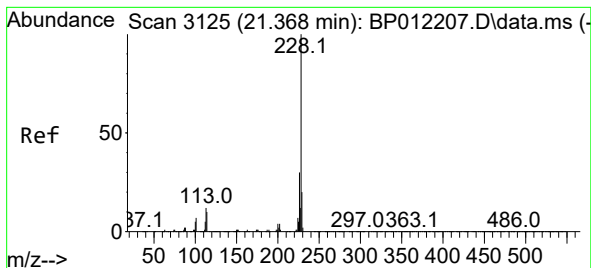
Ion Ratio Lower Upper

149 100

167 26.6 21.6 32.4

279 3.7 3.4 5.0





#87

Chrysene

Concen: 22.137 ng/ul

RT: 21.368 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

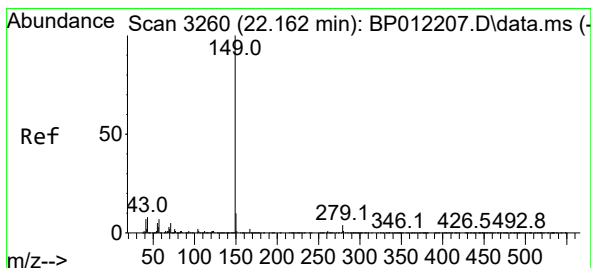
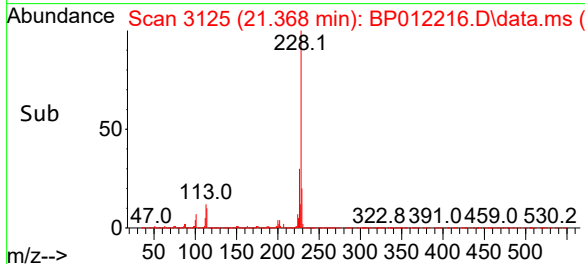
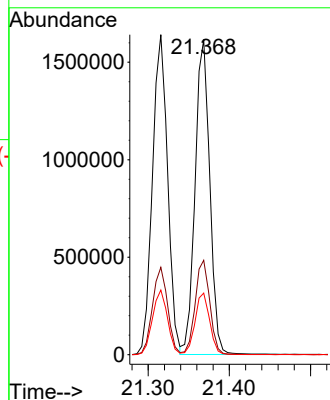
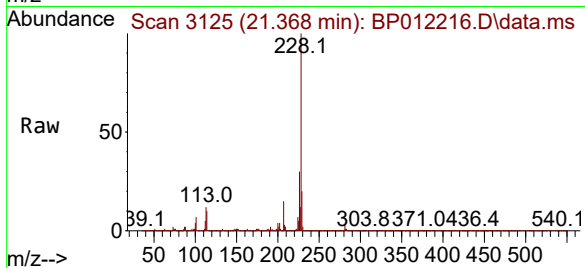
Tgt Ion:228 Resp: 2035737

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.6 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 19.163 ng/ul

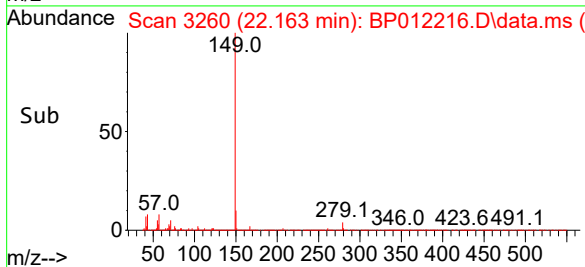
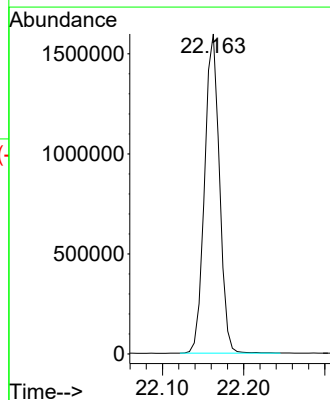
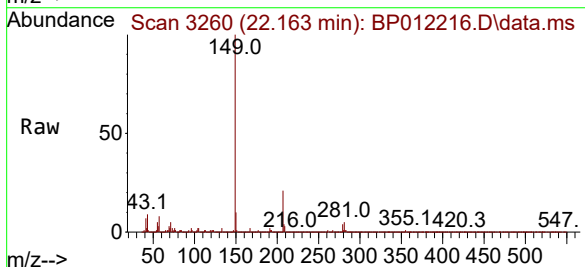
RT: 22.163 min Scan# 3260

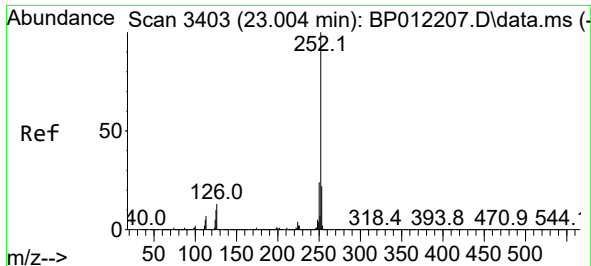
Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Tgt Ion:149 Resp: 2026393

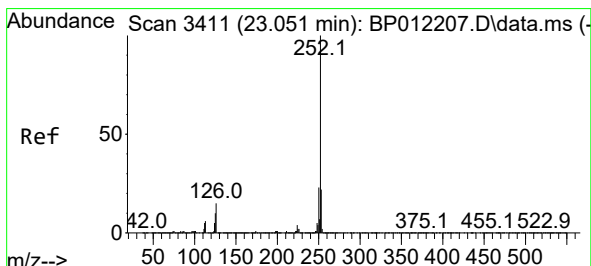
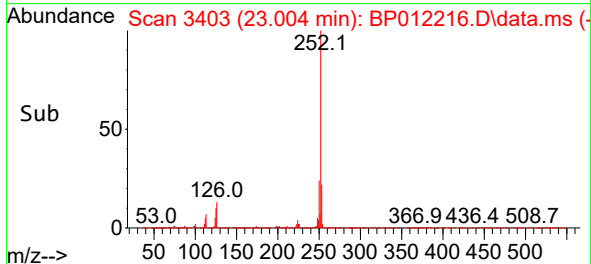
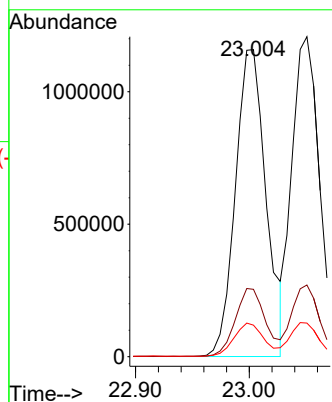
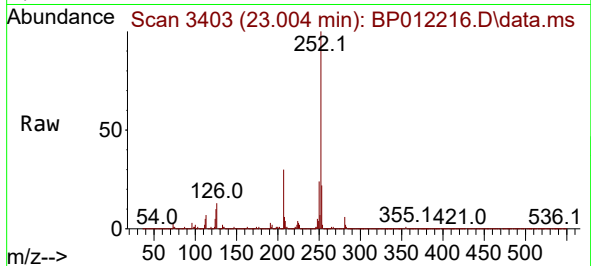




#90
Benzo(b)fluoranthene
Concen: 21.297 ng/ul
RT: 23.004 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

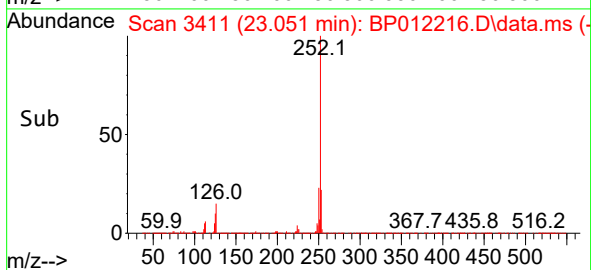
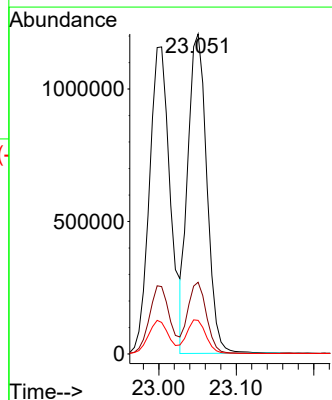
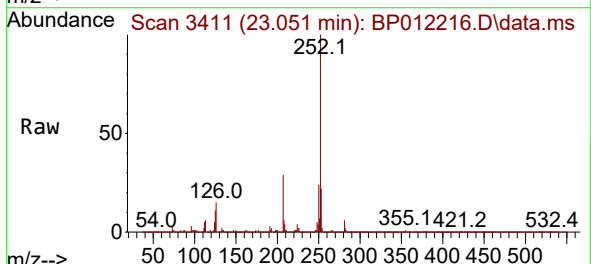
Instrument :
BNA_P
ClientSampleId :

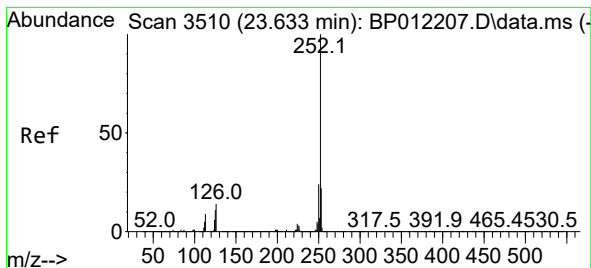
Tgt Ion:252 Resp: 2170011
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 20.385 ng/ul
RT: 23.051 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP012216.D
Acq: 20 Oct 2022 16:32

Tgt Ion:252 Resp: 2047420
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.5 8.6 13.0





#93

Benzo(a)pyrene

Concen: 21.640 ng/ul

RT: 23.627 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

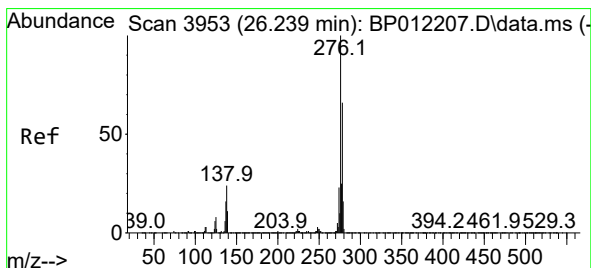
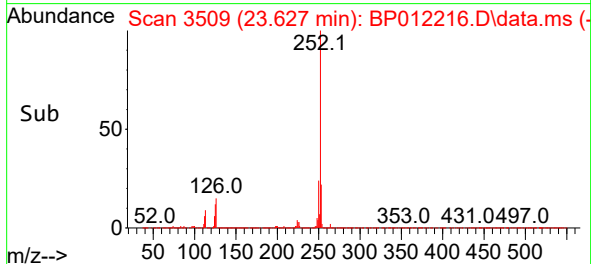
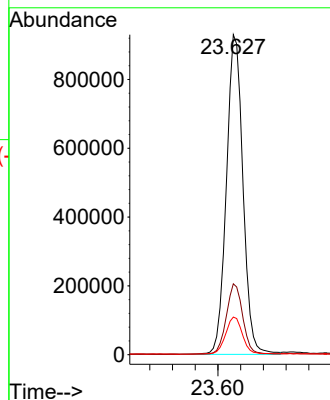
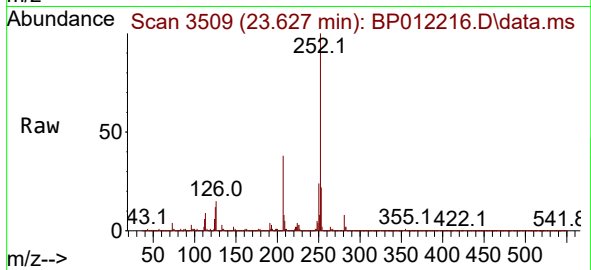
Tgt Ion:252 Resp: 1885540

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.8 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 24.281 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

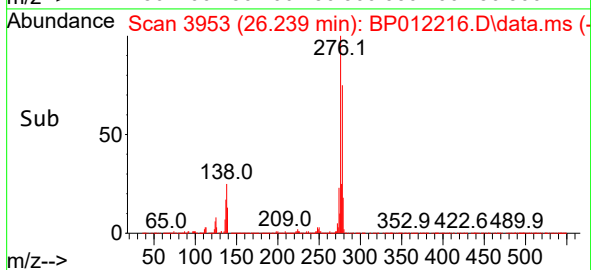
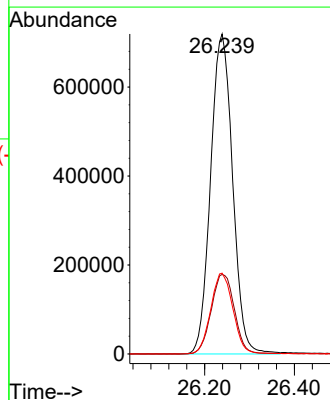
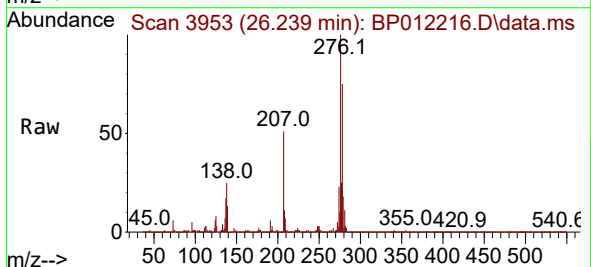
Tgt Ion:276 Resp: 2449045

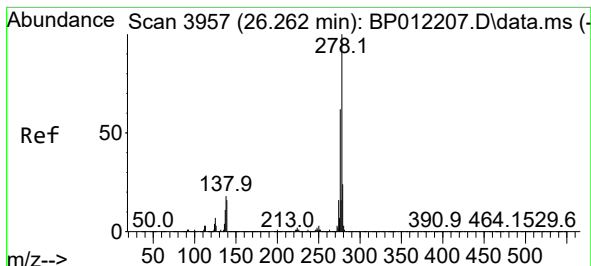
Ion Ratio Lower Upper

276 100

138 24.9 20.3 30.5

277 25.2 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 24.508 ng/ul

RT: 26.256 min Scan# 3956

Delta R.T. -0.006 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Instrument :

BNA_P

ClientSampleId :

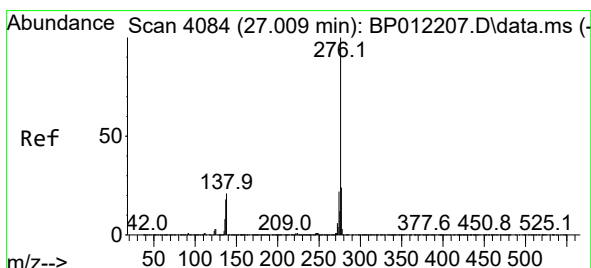
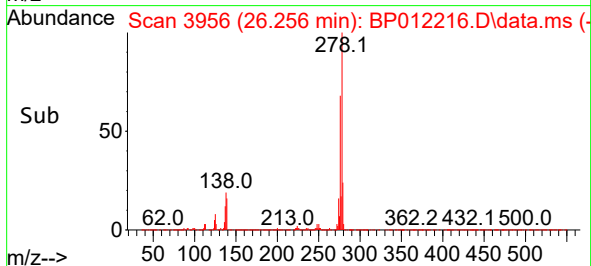
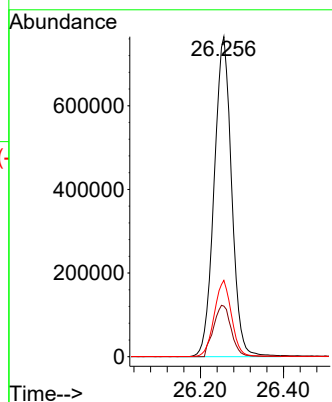
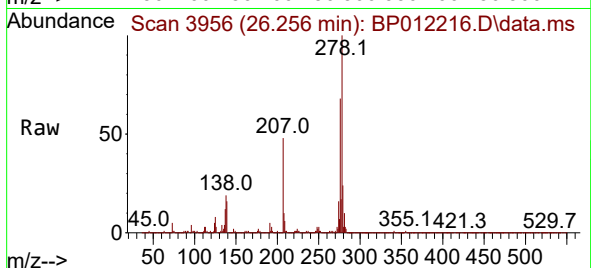
Tgt Ion:278 Resp: 2228643

Ion Ratio Lower Upper

278 100

139 15.8 12.9 19.3

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 23.317 ng/ul

RT: 27.009 min Scan# 4084

Delta R.T. 0.000 min

Lab File: BP012216.D

Acq: 20 Oct 2022 16:32

Tgt Ion:276 Resp: 2208261

Ion Ratio Lower Upper

276 100

138 21.5 17.9 26.9

277 23.5 18.9 28.3

