

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012211.D
 Acq On : 20 Oct 2022 11:42
 Operator : CG/JU
 Sample : PB148327BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:22:10 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	7.822	152	381644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1540869	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	876899	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	1663684	20.000	ng/u1	0.00
79) Chrysene-d12	21.328	240	1495535	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1603700	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	66158	7.016	ng/uL	0.00
4) Pyridine-d5	3.681	84	832665	30.642	ng/u1	0.00
7) Phenol-d5	6.999	99	1155532	35.071	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	697595	34.912	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	904394	36.062	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	878909	34.323	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	436933	38.308	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	474012	38.520	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	855064	37.044	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	1041551	31.759	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	2197933	36.033	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	2622918	37.671	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	414169	36.242	ng/u1	0.00
60) Fluorene-d10	15.475	176	1889398	36.004	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	368937	38.981	ng/u1	0.00
73) Anthracene-d10	17.334	188	2821350	38.689	ng/u1	0.00
81) Pyrene-d10	19.575	212	3086132	36.244	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	3187470	39.634	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	130569	12.866	ng/uL	98
5) Pyridine	3.699	79	791431	29.631	ng/u1	98
6) Benzaldehyde	6.969	77	629028	40.618	ng/u1	98
8) Phenol	7.022	94	1106400	32.098	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.258	93	893928	32.131	ng/u1	98
12) 2-Chlorophenol	7.387	128	882241	32.604	ng/u1	98
13) 2-Methylphenol	8.275	108	823477	31.732	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.358	45	1152951	31.163	ng/u1	100
16) Acetophenone	8.658	105	1268259	32.062	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.646	70	614506	30.691	ng/u1	99
18) 4-Methylphenol	8.605	108	889470	31.472	ng/u1	96
19) Hexachloroethane	8.905	117	352539	32.983	ng/u1	99
22) Nitrobenzene	9.040	77	953504	34.312	ng/u1	99
23) Isophorone	9.569	82	1730034	32.435	ng/u1	100
25) 2-Nitrophenol	9.746	139	487362	34.858	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	918809	33.340	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	1155899	33.105	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	797365	33.381	ng/u1	99
30) Naphthalene	10.681	128	2732653	33.159	ng/u1	100
32) 4-Chloroaniline	10.799	127	1062937	31.401	ng/u1	100
33) Hexachlorobutadiene	10.957	225	514572	34.250	ng/u1	99
34) Caprolactam	11.593	113	112364	15.154	ng/u1	95
35) 4-Chloro-3-methylphenol	11.928	107	815438	31.619	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	1789582	31.917	ng/u1	99

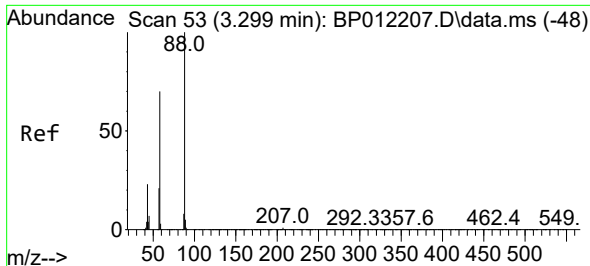
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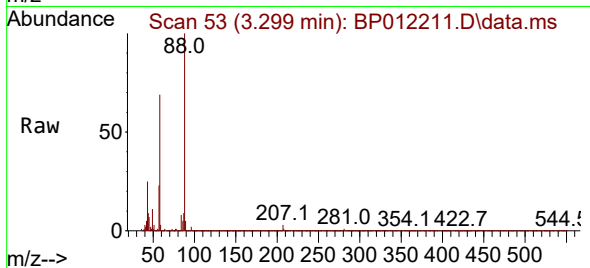
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1778034	31.758	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	947977	35.578	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	517720	36.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	606539	35.272	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	652635	34.791	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	2278035	34.929	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	1794463	34.704	ng/ul	99
45) 2-Nitroaniline	13.563	65	473557	34.449	ng/ul	97
47) Dimethylphthalate	13.940	163	2114978	33.089	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	428835	35.062	ng/ul	99
50) Acenaphthylene	14.198	152	2691169	34.689	ng/ul	100
51) 3-Nitroaniline	14.393	138	437419	33.882	ng/ul	96
52) Acenaphthene	14.540	153	1847784	33.679	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	246350	33.545	ng/ul	95
55) 4-Nitrophenol	14.704	109	279322	32.899	ng/ul	98
56) Dibenzofuran	14.875	168	2522214	33.581	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	603048	34.549	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	531284	33.501	ng/ul	98
59) Diethylphthalate	15.304	149	2061537	32.815	ng/ul	99
61) Fluorene	15.528	166	1966396	33.045	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	981228	33.089	ng/ul	98
63) 4-Nitroaniline	15.563	138	439943	36.302	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	354241	35.654	ng/ul	96
67) N-Nitrosodiphenylamine	15.740	169	1699742	35.201	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	629775	35.753	ng/ul	98
69) Hexachlorobenzene	16.534	284	734758	35.387	ng/ul	97
70) Atrazine	16.704	200	540185	32.046	ng/ul	98
71) Pentachlorophenol	16.887	266	434196	34.643	ng/ul	100
72) Phenanthrene	17.281	178	3110841	34.790	ng/ul	100
74) Anthracene	17.375	178	3115449	35.215	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	968669	39.019	ng/uL	99
76) Pentachlorobenzene	14.793	250	892384	34.126	ng/uL	99
77) Carbazole	17.645	167	2773353	35.520	ng/ul	100
78) Di-n-butylphthalate	18.192	149	3339120	35.649	ng/ul	99
80) Fluoranthene	19.251	202	3486450	33.136	ng/ul	98
82) Pyrene	19.604	202	3600125	33.443	ng/ul	97
83) Butylbenzylphthalate	20.475	149	1423818	34.007	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.251	252	1188059	36.474	ng/ul	99
85) Benzo(a)anthracene	21.316	228	3416448	35.051	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	2029065	34.591	ng/ul	99
87) Chrysene	21.369	228	3252398	35.758	ng/ul	99
89) Di-n-octyl phthalate	22.157	149	3421404	30.845	ng/ul	100
90) Benzo(b)fluoranthene	22.998	252	3601763	33.700	ng/ul	99
91) Benzo(k)fluoranthene	23.051	252	3637251	34.525	ng/ul	98
93) Benzo(a)pyrene	23.627	252	3267302	35.750	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.239	276	4542813	42.938	ng/ul	99
95) Dibenzo(a,h)anthracene	26.257	278	3898451	40.872	ng/ul	99
96) Benzo(g,h,i)perylene	27.010	276	3888071	39.139	ng/ul	99

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

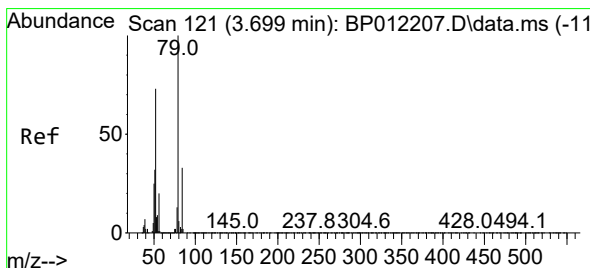
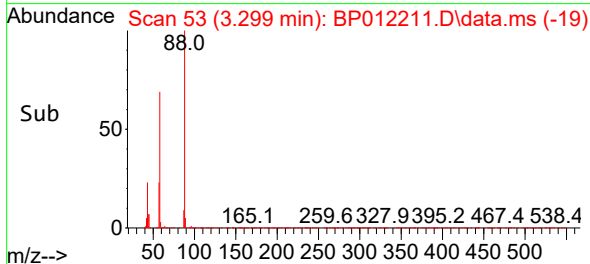
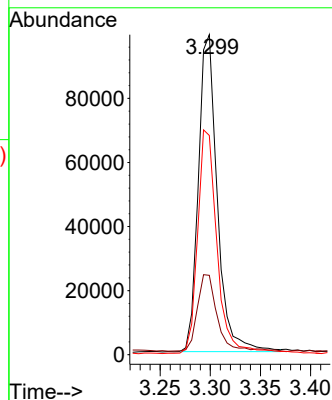


#2
 1,4-Dioxane
 Concen: 12.866 ng/uL
 RT: 3.299 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: BP012211.D
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 BNA_P
 ClientSampleId :

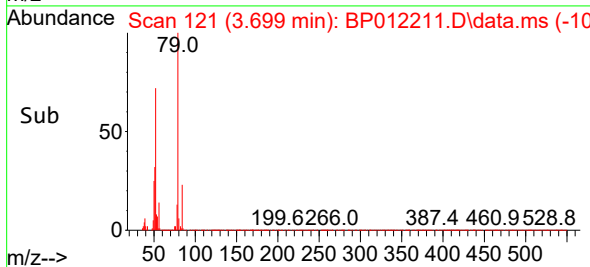
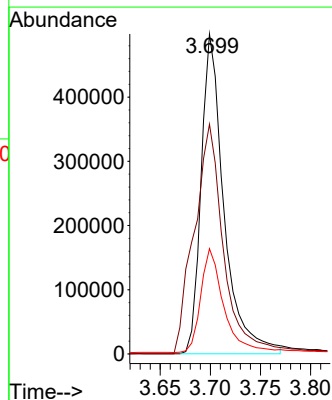
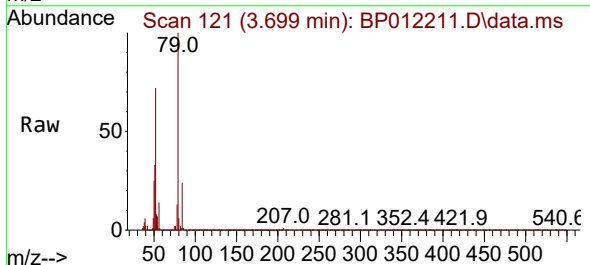


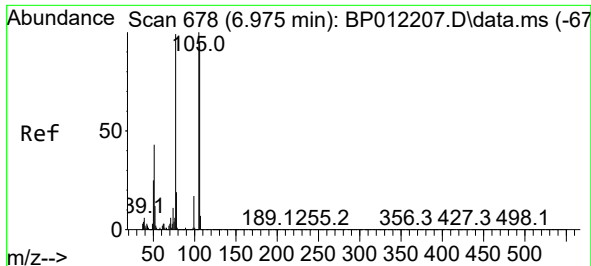
Tgt Ion: 88 Resp: 130569
 Ion Ratio Lower Upper
 88 100
 43 24.8 20.6 30.8
 58 68.5 56.1 84.1



#5
 Pyridine
 Concen: 29.631 ng/uL
 RT: 3.699 min Scan# 121
 Delta R.T. 0.000 min
 Lab File: BP012211.D
 Acq: 20 Oct 2022 11:42

Tgt Ion: 79 Resp: 791431
 Ion Ratio Lower Upper
 79 100
 52 71.8 59.4 89.2
 51 32.9 26.5 39.7

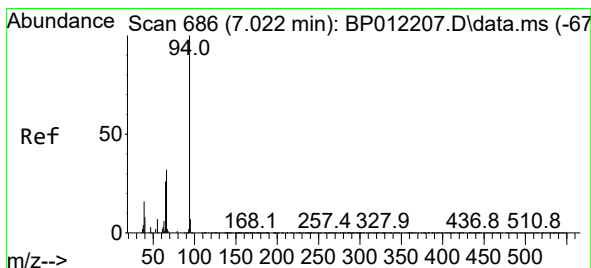
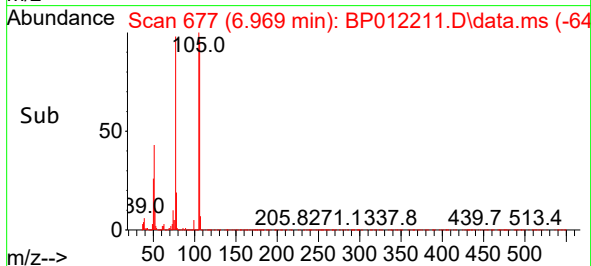
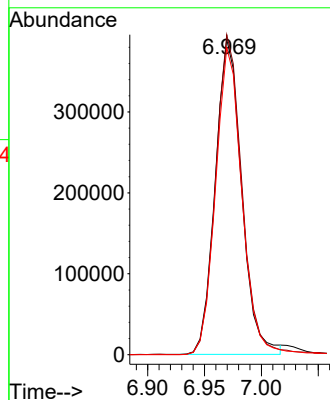
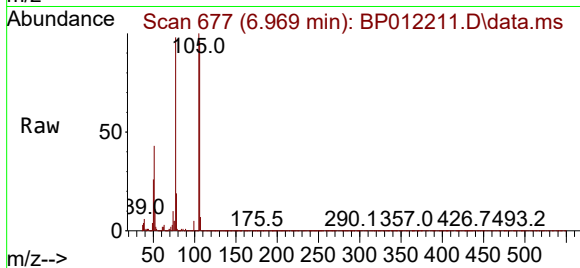




#6
Benzaldehyde
Concen: 40.618 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

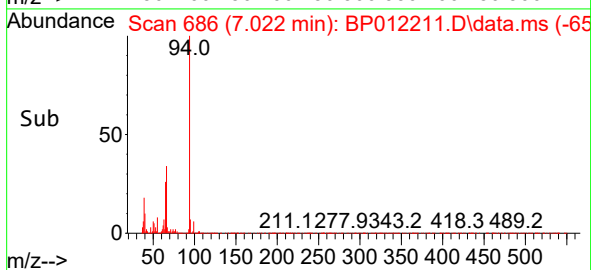
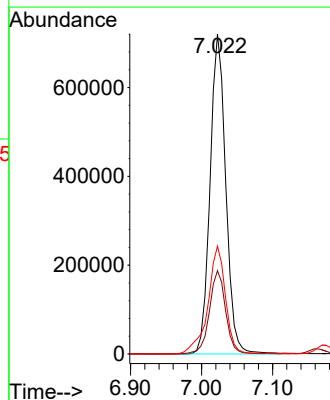
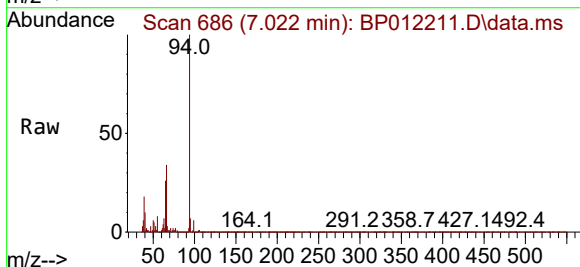
Instrument :
BNA_P
ClientSampleId :

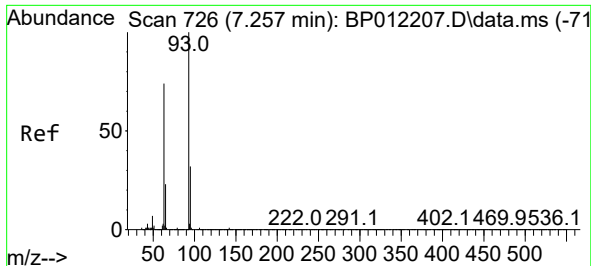
Tgt Ion: 77 Resp: 629028
Ion Ratio Lower Upper
77 100
105 101.5 79.0 118.6
106 97.4 76.4 114.6



#8
Phenol
Concen: 32.098 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

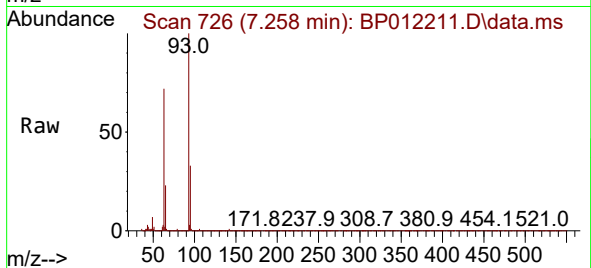
Tgt Ion: 94 Resp: 1106400
Ion Ratio Lower Upper
94 100
65 26.0 20.6 31.0
66 33.7 26.2 39.4



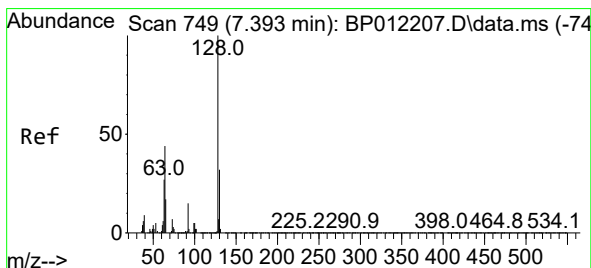
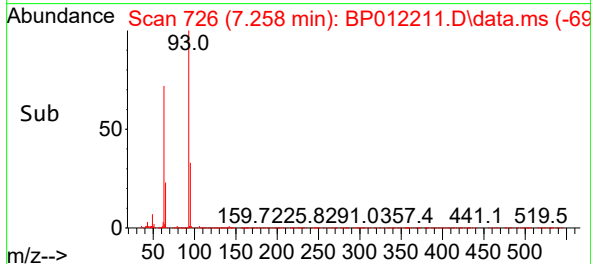
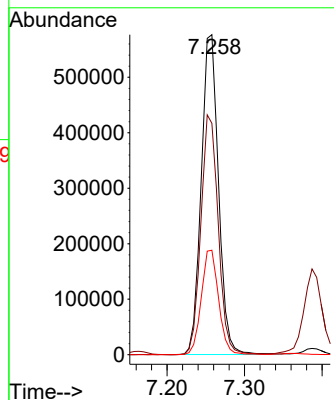


#10
Bis(2-Chloroethyl)ether
Concen: 32.131 ng/ul
RT: 7.258 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Instrument :
BNA_P
ClientSampleId :

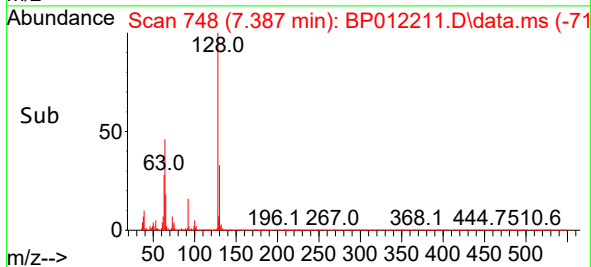
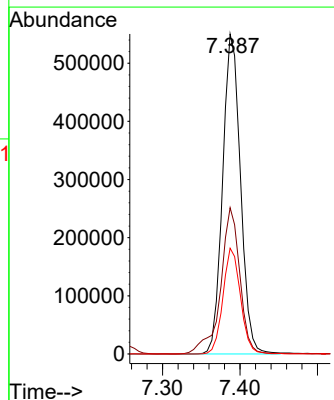
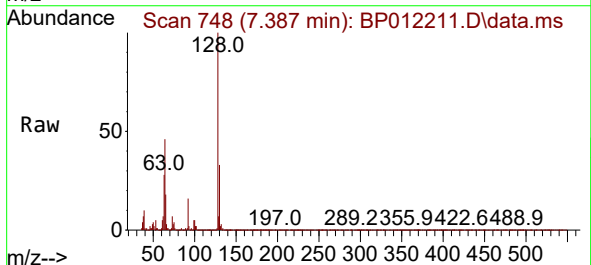


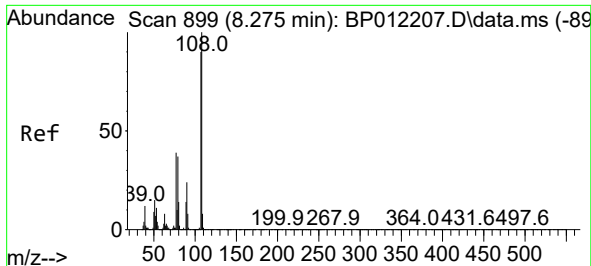
Tgt Ion: 93 Resp: 893928
Ion Ratio Lower Upper
93 100
63 72.3 60.2 90.2
95 32.7 26.1 39.1



#12
2-Chlorophenol
Concen: 32.604 ng/ul
RT: 7.387 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:128 Resp: 882241
Ion Ratio Lower Upper
128 100
64 45.7 35.4 53.2
130 33.1 26.1 39.1

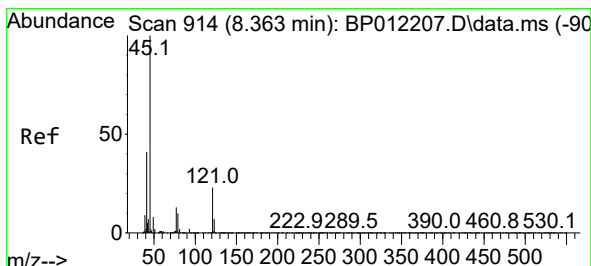
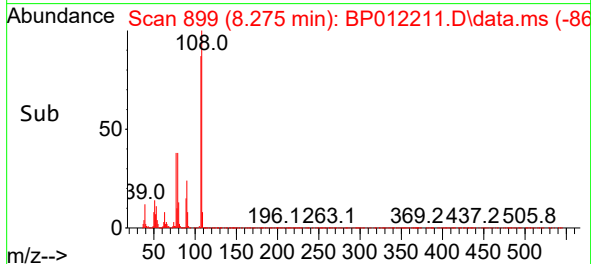
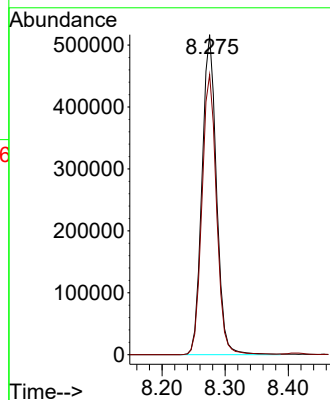
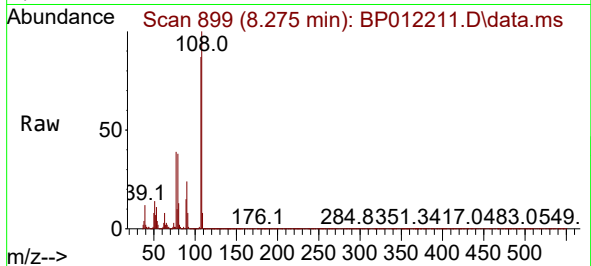




#13
2-Methylphenol
Concen: 31.732 ng/ul
RT: 8.275 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

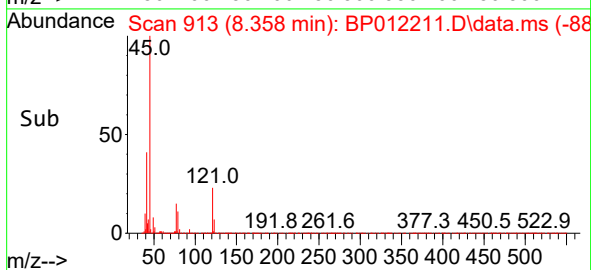
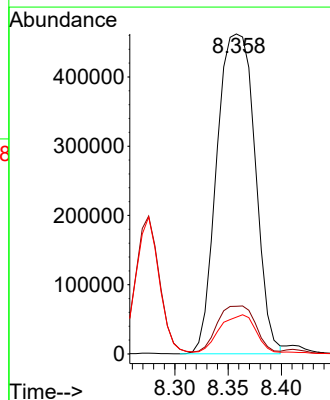
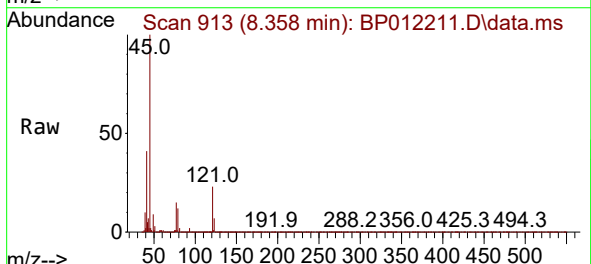
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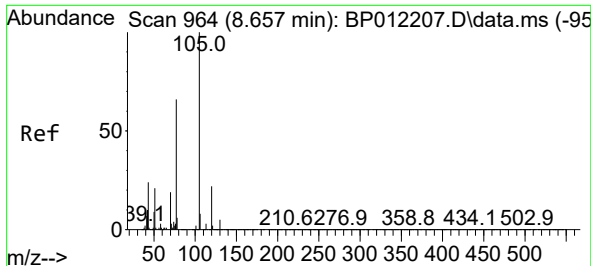
Tgt Ion:108 Resp: 823477
Ion Ratio Lower Upper
108 100
107 87.5 71.1 106.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.163 ng/ul
RT: 8.358 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion: 45 Resp: 1152951
Ion Ratio Lower Upper
45 100
77 14.9 12.1 18.1
79 11.5 9.3 13.9

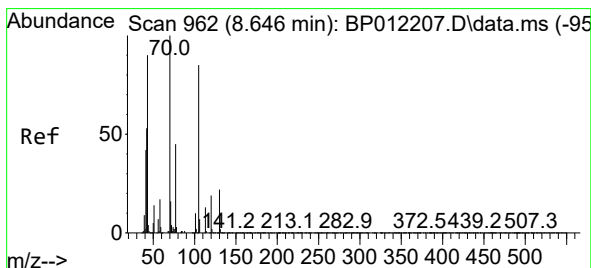
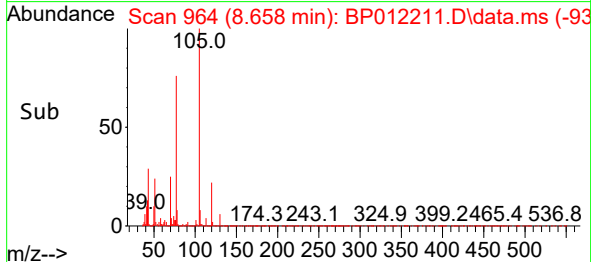
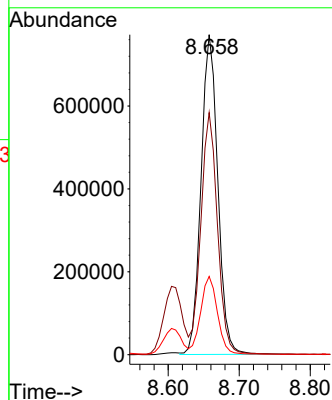
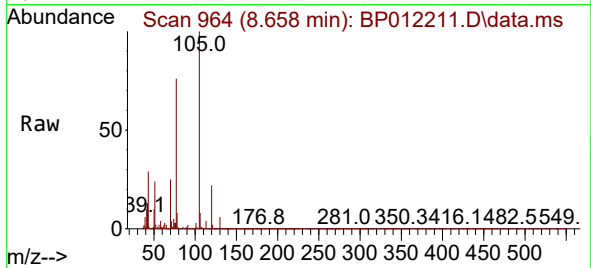




#16
Acetophenone
Concen: 32.062 ng/ul
RT: 8.658 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

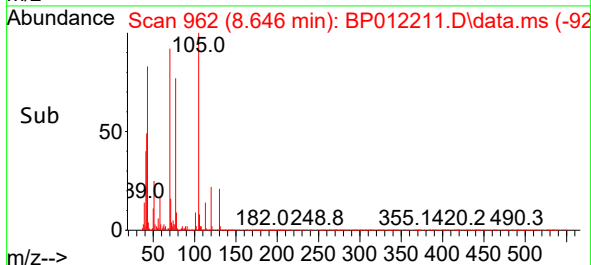
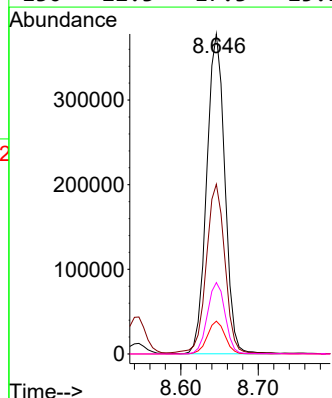
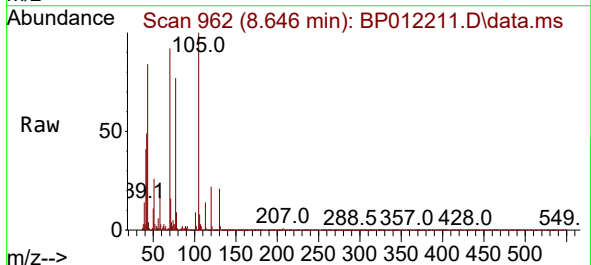
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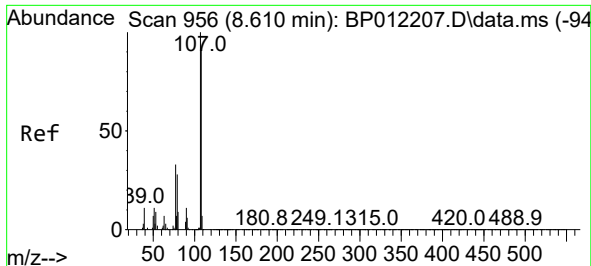
Tgt Ion:105 Resp: 1268259
Ion Ratio Lower Upper
105 100
77 75.6 60.0 90.0
51 24.5 20.1 30.1



#17
N-Nitroso-di-n-propylamine
Concen: 30.691 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion: 70 Resp: 614506
Ion Ratio Lower Upper
70 100
42 53.0 42.4 63.6
101 10.3 7.6 11.4
130 22.3 17.3 25.9

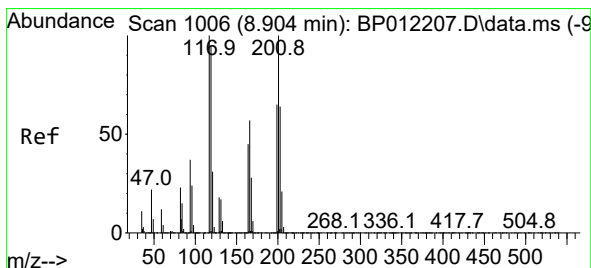
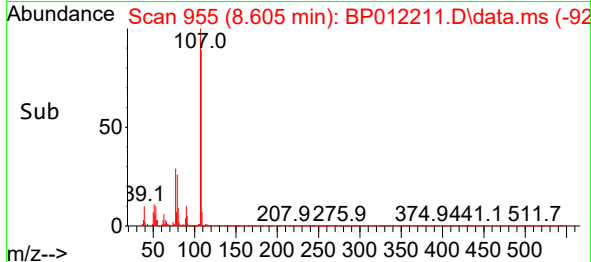
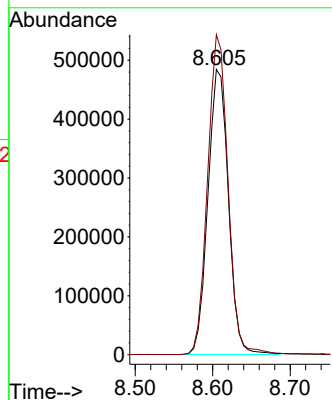
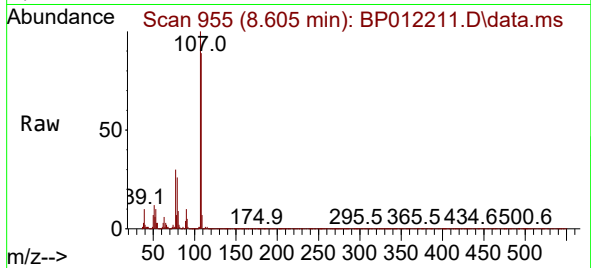




#18
4-Methylphenol
Concen: 31.472 ng/ul
RT: 8.605 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

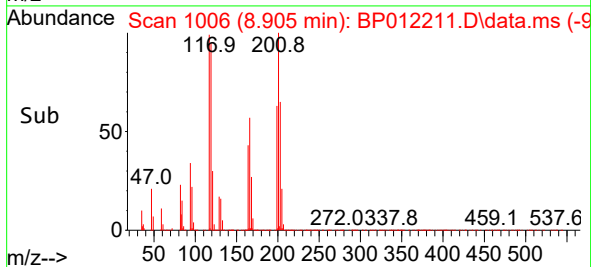
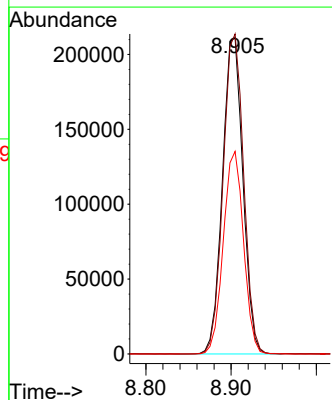
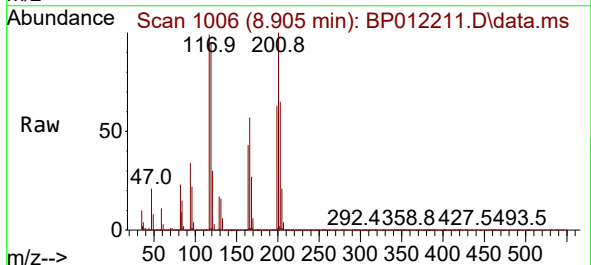
Instrument :
BNA_P
ClientSampleId :

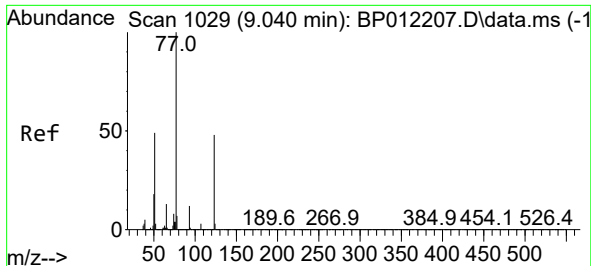
Tgt Ion:108 Resp: 889470
Ion Ratio Lower Upper
108 100
107 112.2 86.6 130.0



#19
Hexachloroethane
Concen: 32.983 ng/ul
RT: 8.905 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:117 Resp: 352539
Ion Ratio Lower Upper
117 100
201 101.2 79.7 119.5
199 64.0 50.7 76.1

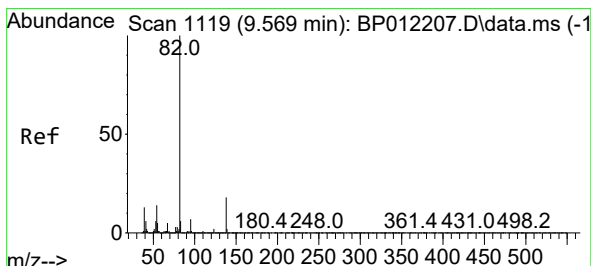
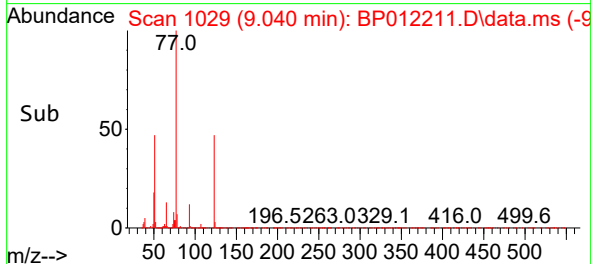
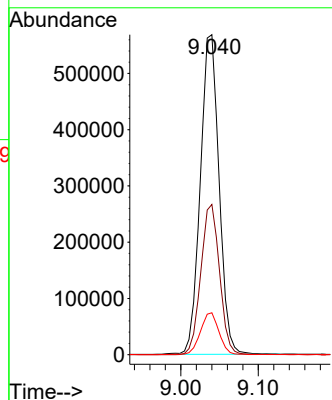
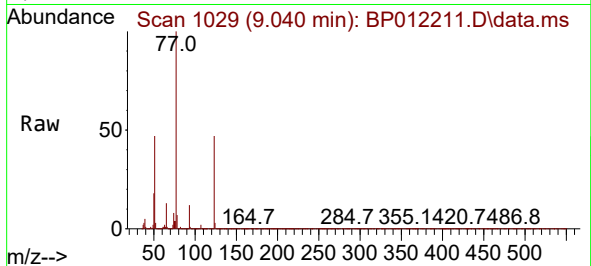




#22
Nitrobenzene
Concen: 34.312 ng/ul
RT: 9.040 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

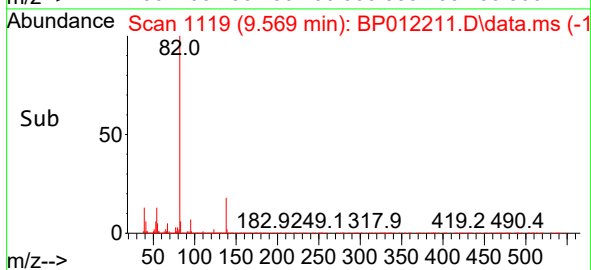
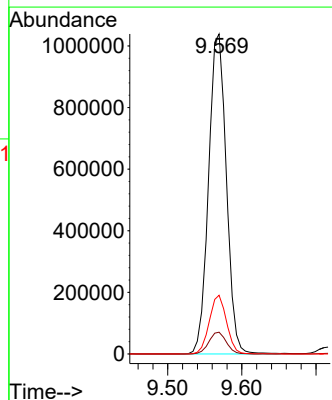
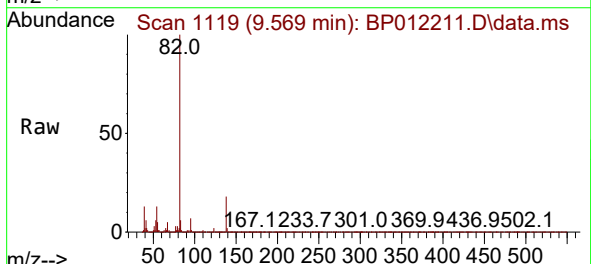
Instrument :
BNA_P
ClientSampleId :

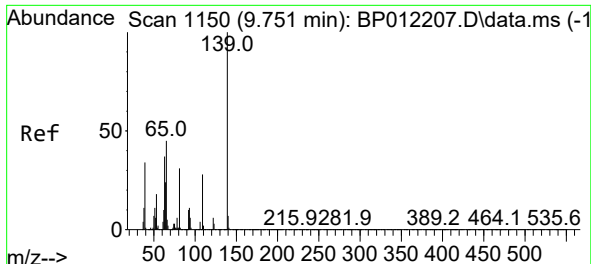
Tgt Ion: 77 Resp: 953504
Ion Ratio Lower Upper
77 100
123 47.0 37.1 55.7
65 13.1 10.0 15.0



#23
Isophorone
Concen: 32.435 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion: 82 Resp: 1730034
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.3 14.5 21.7

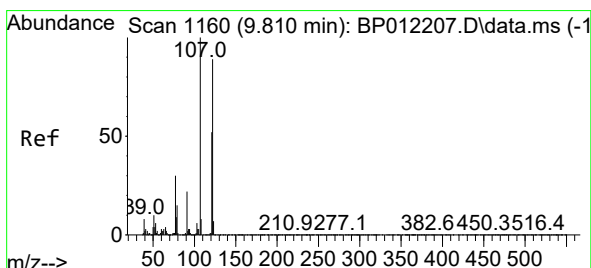
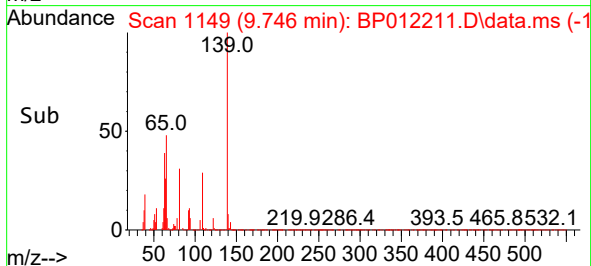
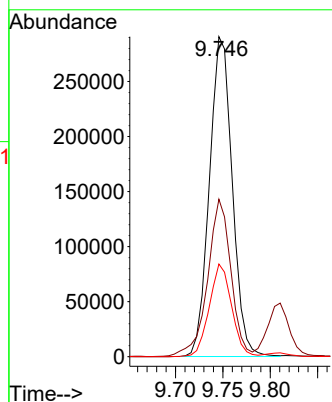
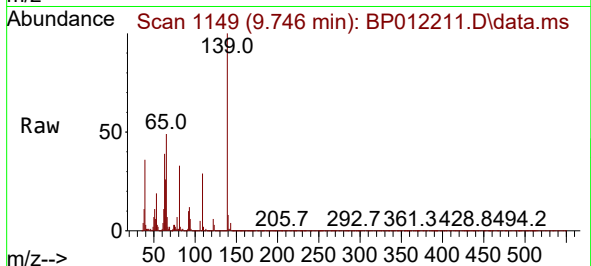




#25
2-Nitrophenol
Concen: 34.858 ng/ul
RT: 9.746 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

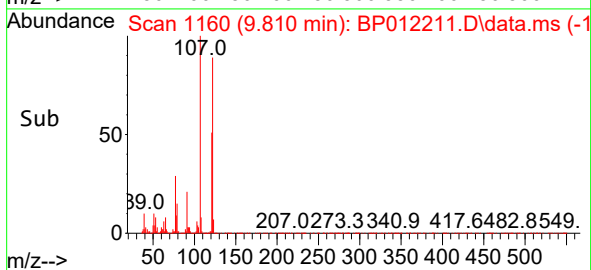
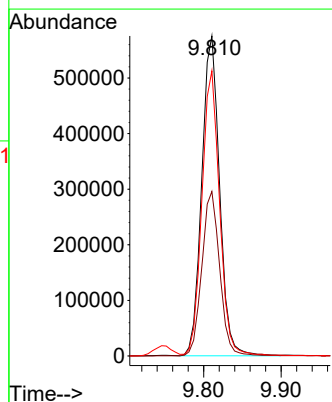
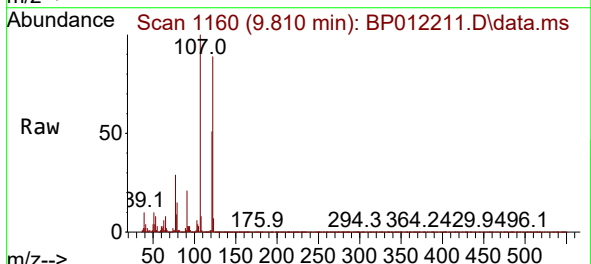
Instrument :
BNA_P
ClientSampleId :

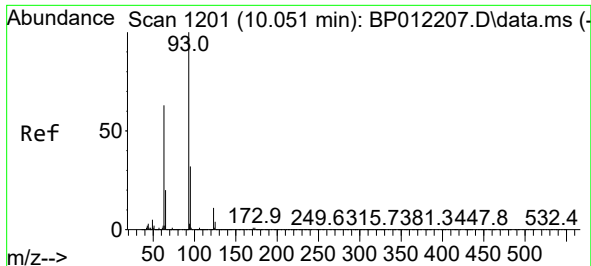
Tgt Ion:139 Resp: 487362
Ion Ratio Lower Upper
139 100
65 49.2 38.0 57.0
109 29.0 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 33.340 ng/ul
RT: 9.810 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:107 Resp: 918809
Ion Ratio Lower Upper
107 100
121 51.4 40.6 60.8
122 89.1 71.0 106.6





#27

Bis(2-Chloroethoxy)methane

Concen: 33.105 ng/ul

RT: 10.046 min Scan# 11

Delta R.T. -0.006 min

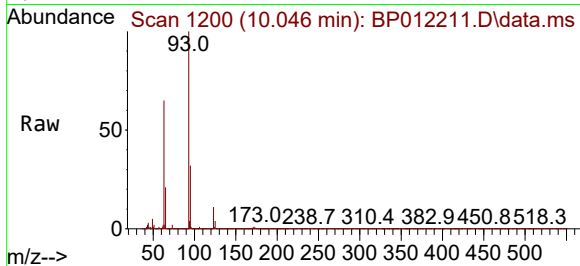
Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :



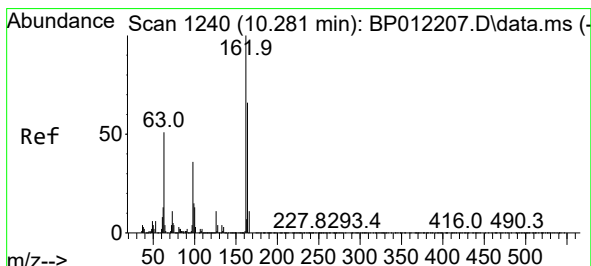
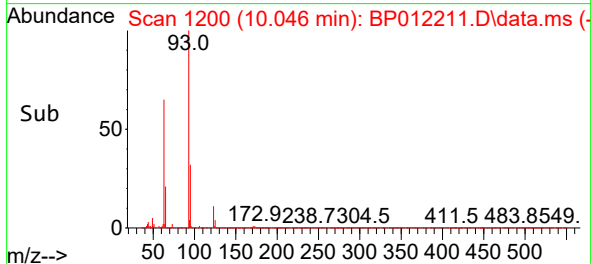
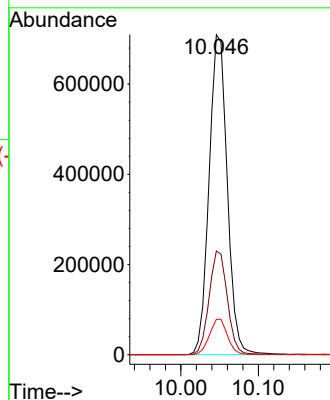
Tgt Ion: 93 Resp: 1155899

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.1 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 33.381 ng/ul

RT: 10.281 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

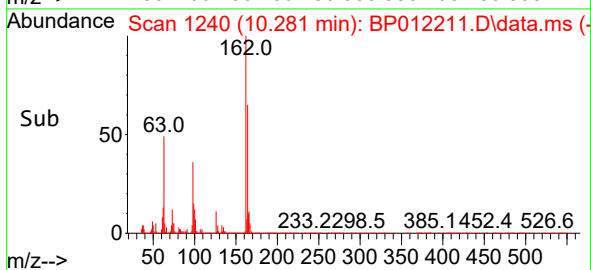
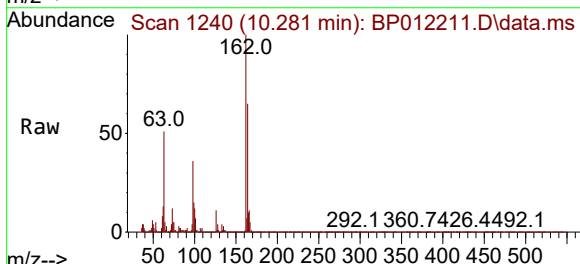
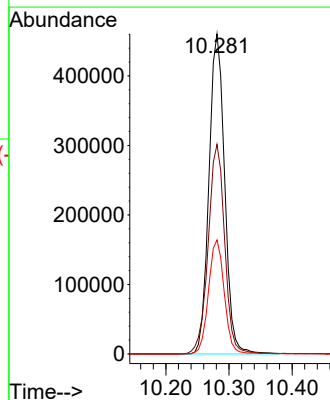
Tgt Ion:162 Resp: 797365

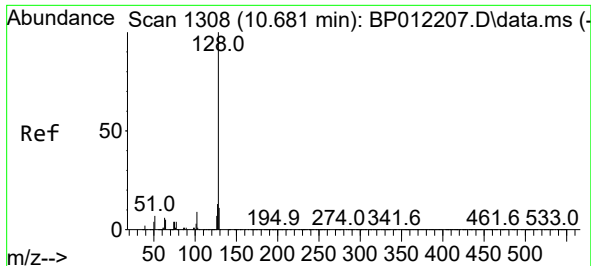
Ion Ratio Lower Upper

162 100

164 65.5 51.2 76.8

98 35.6 28.3 42.5

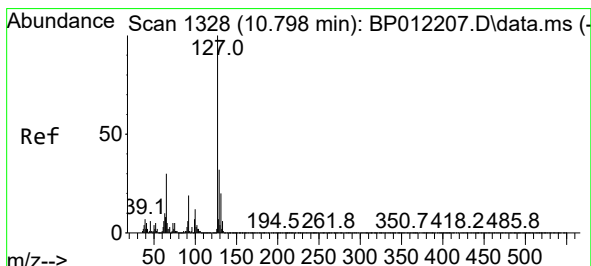
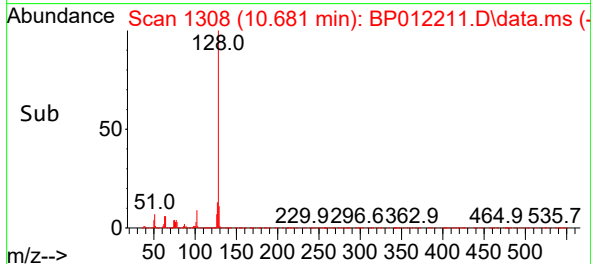
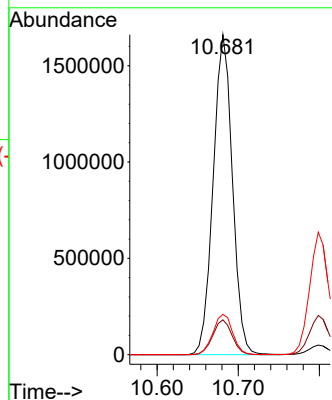
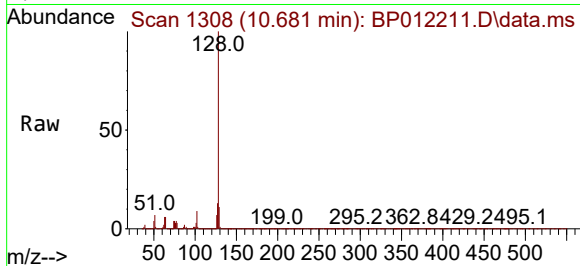




#30
Naphthalene
Concen: 33.159 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

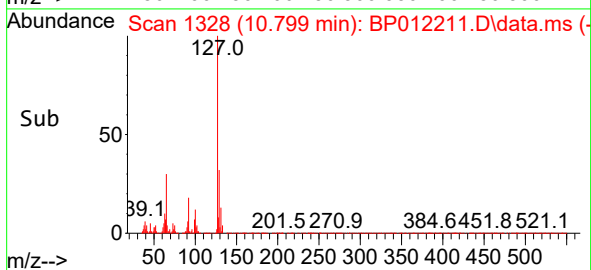
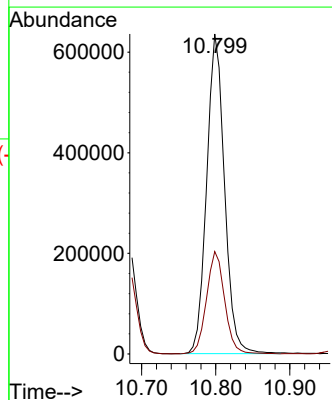
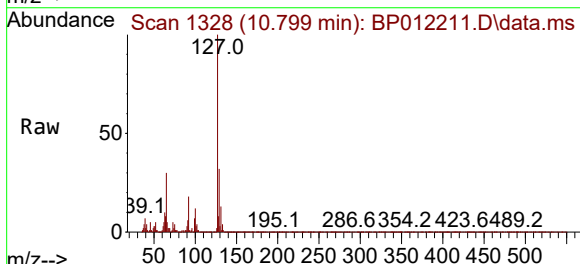
Instrument :
BNA_P
ClientSampleId :

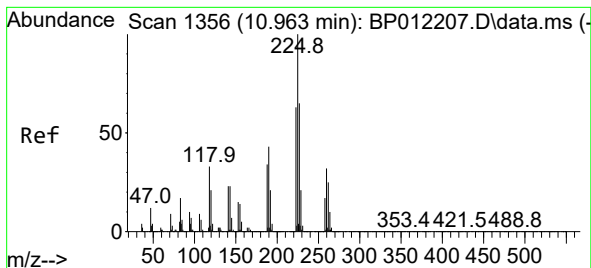
Tgt Ion:128 Resp: 2732653
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.6 10.2 15.4



#32
4-Chloroaniline
Concen: 31.401 ng/ul
RT: 10.799 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:127 Resp: 1062937
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4





#33

Hexachlorobutadiene

Concen: 34.250 ng/ul

RT: 10.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

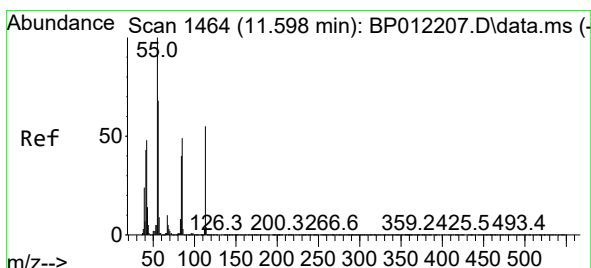
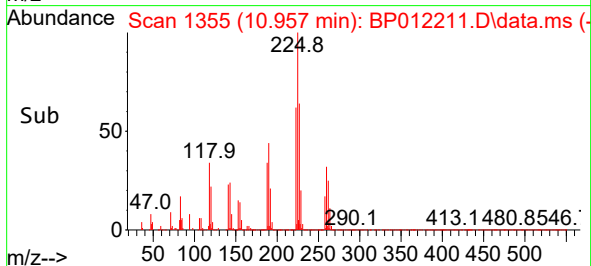
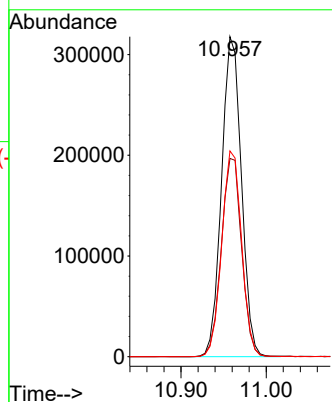
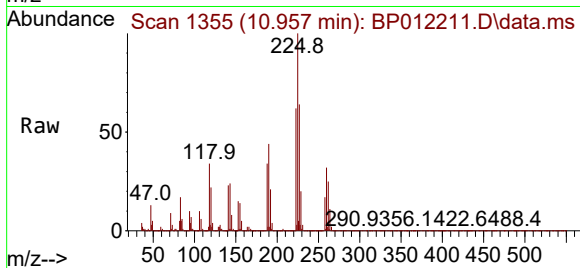
Tgt Ion:225 Resp: 514572

Ion Ratio Lower Upper

225 100

223 62.0 50.2 75.4

227 64.3 51.9 77.9



#34

Caprolactam

Concen: 15.154 ng/ul

RT: 11.593 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

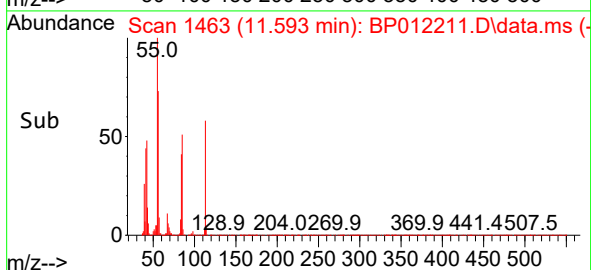
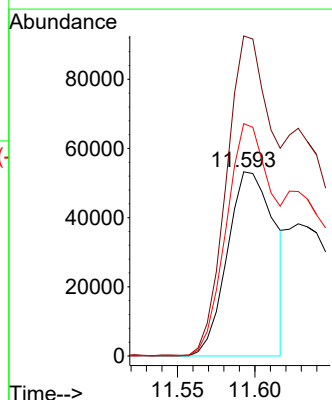
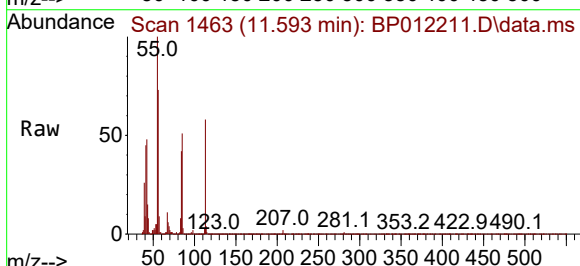
Tgt Ion:113 Resp: 112364

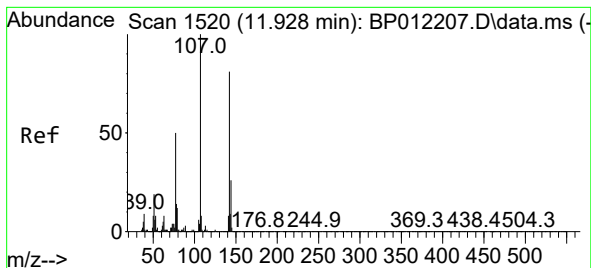
Ion Ratio Lower Upper

113 100

55 173.8 133.7 200.5

56 126.2 95.4 143.2

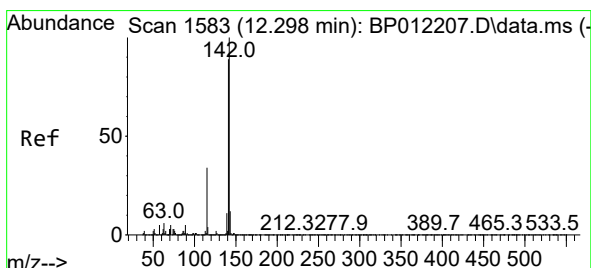
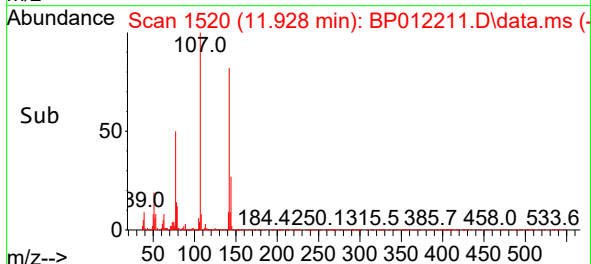
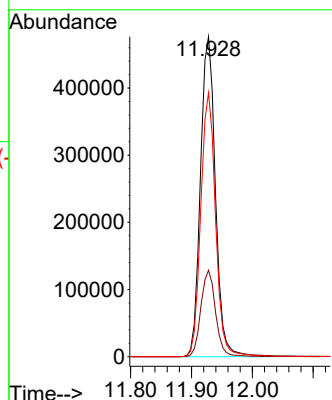
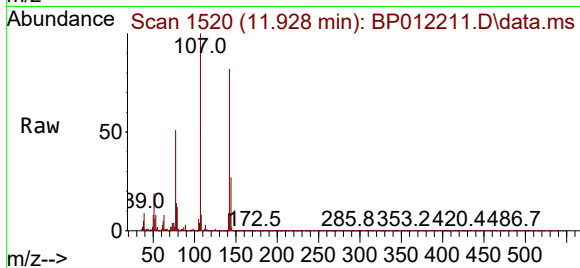




#35
4-Chloro-3-methylphenol
Concen: 31.619 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

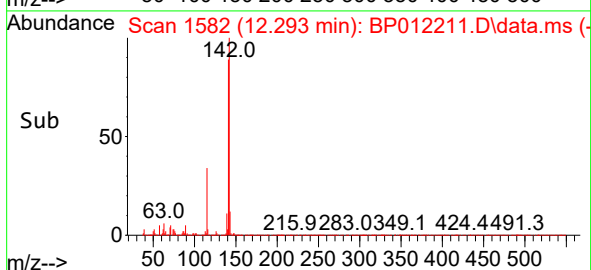
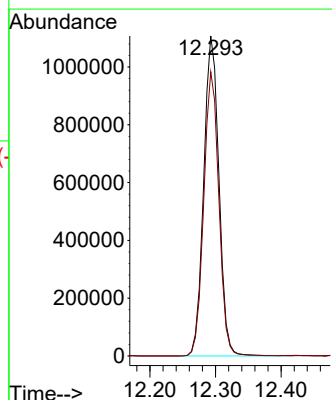
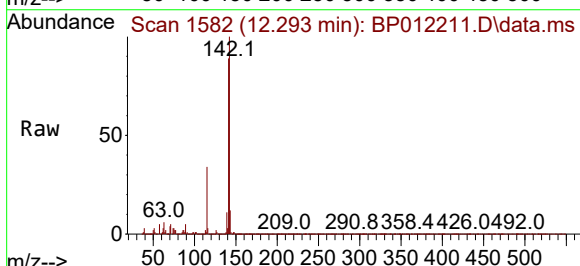
Instrument :
BNA_P
ClientSampleId :

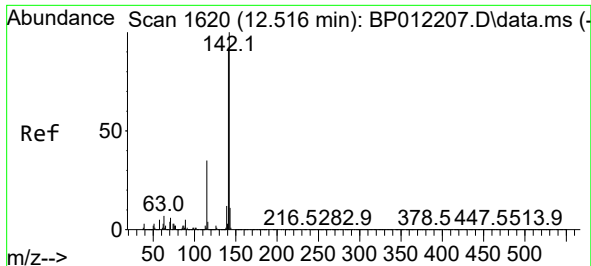
Tgt Ion:107 Resp: 815438
Ion Ratio Lower Upper
107 100
144 27.0 21.2 31.8
142 82.4 65.5 98.3



#36
2-Methylnaphthalene
Concen: 31.917 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:142 Resp: 1789582
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5

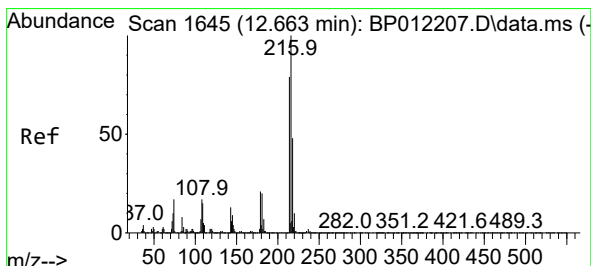
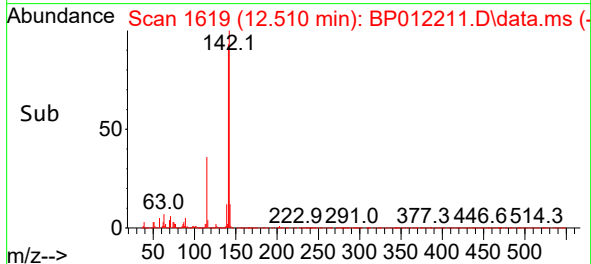
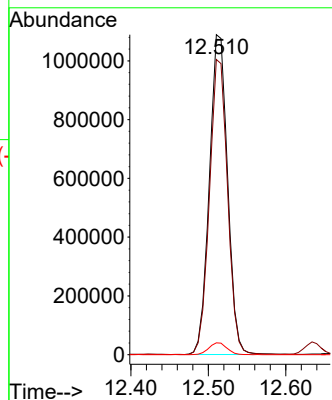
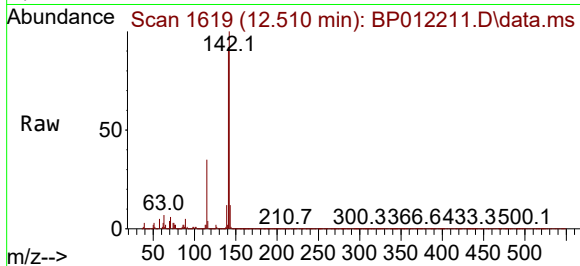




#37
1-Methylnaphthalene
Concen: 31.758 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

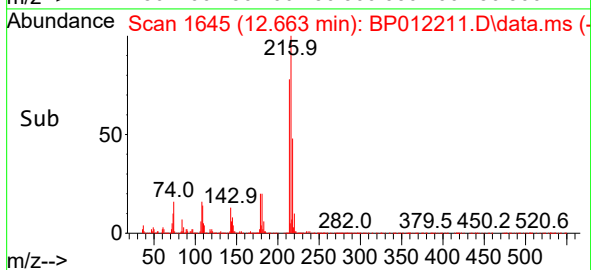
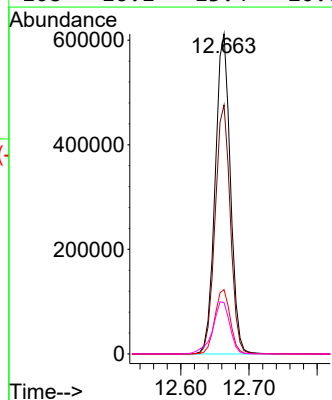
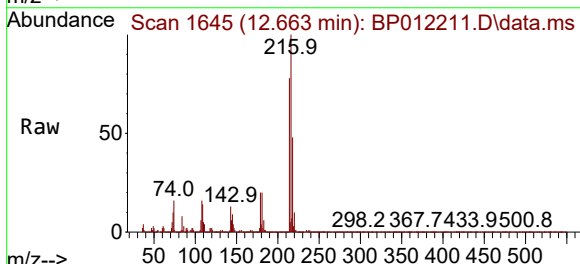
Instrument :
BNA_P
ClientSampleId :

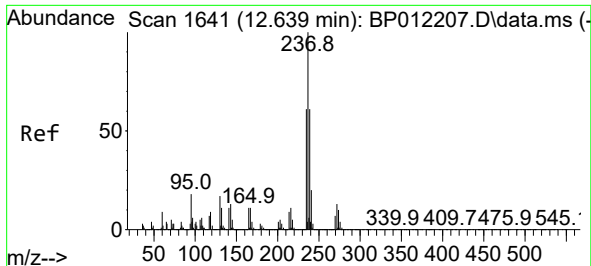
Tgt Ion:142 Resp: 1778034
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0
116 3.7 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.578 ng/ul
RT: 12.663 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:216 Resp: 947977
Ion Ratio Lower Upper
216 100
214 77.8 62.5 93.7
179 20.1 16.5 24.7
108 16.1 13.4 20.0

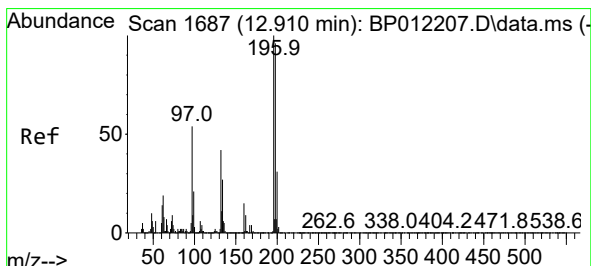
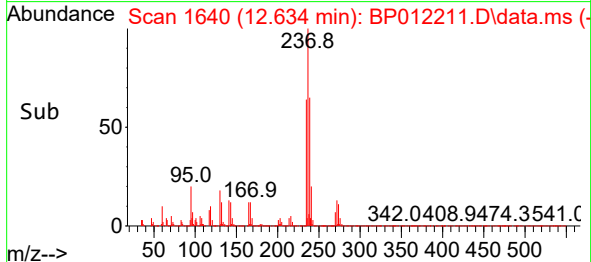
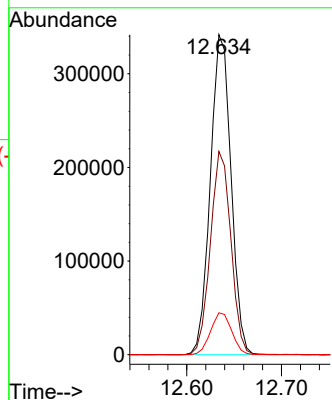
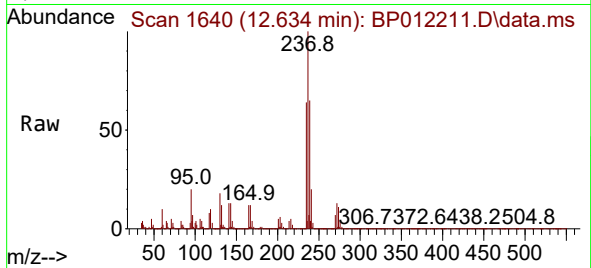




#40
Hexachlorocyclopentadiene
Concen: 36.547 ng/ul
RT: 12.634 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

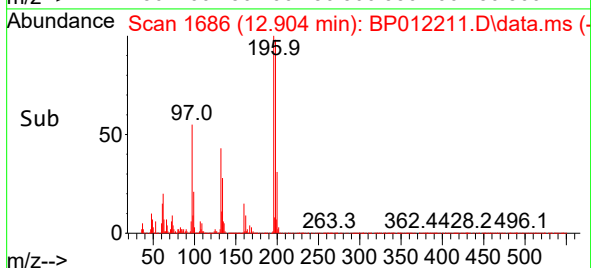
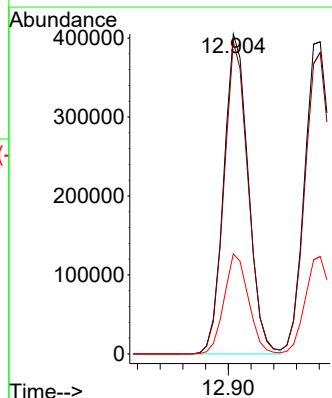
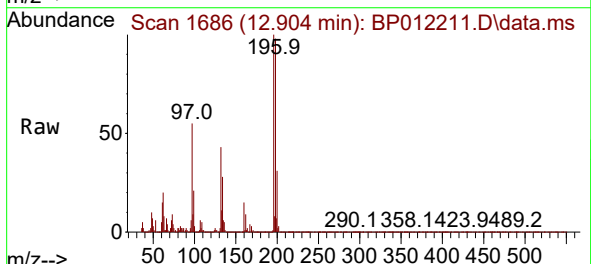
Instrument :
BNA_P
ClientSampleId :

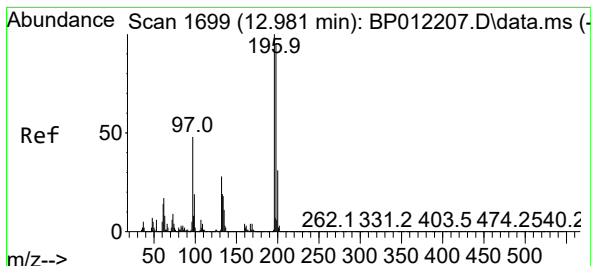
Tgt Ion:237 Resp: 517720
Ion Ratio Lower Upper
237 100
235 63.5 49.4 74.0
272 13.1 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 35.272 ng/ul
RT: 12.904 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:196 Resp: 606539
Ion Ratio Lower Upper
196 100
198 97.6 77.4 116.2
200 31.3 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 34.791 ng/ul

RT: 12.981 min Scan# 1699

Delta R.T. 0.000 min

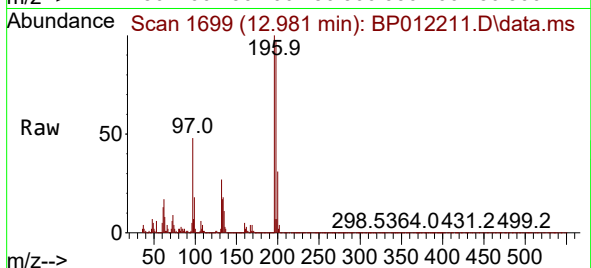
Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :



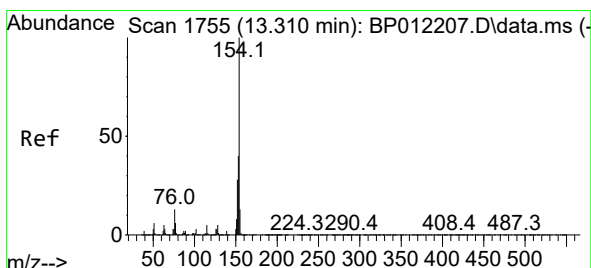
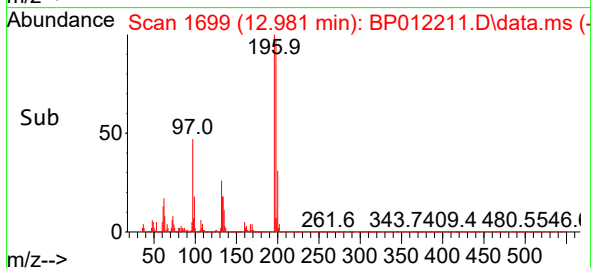
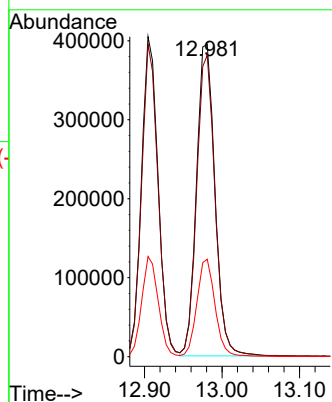
Tgt Ion:196 Resp: 652635

Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.2

200 31.2 24.7 37.1



#43

1,1'-Biphenyl

Concen: 34.929 ng/ul

RT: 13.310 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

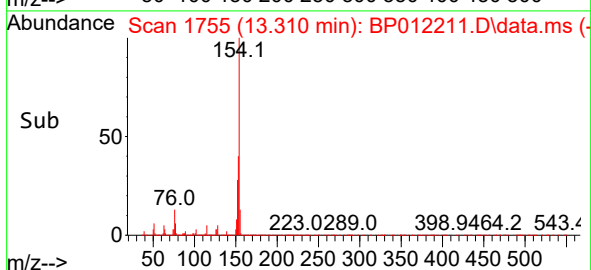
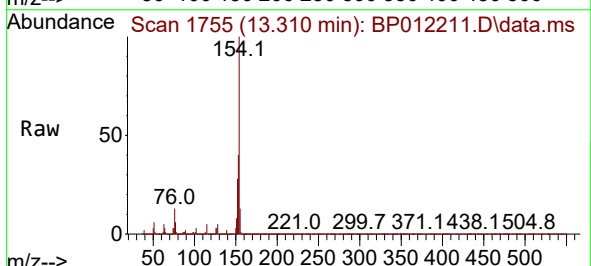
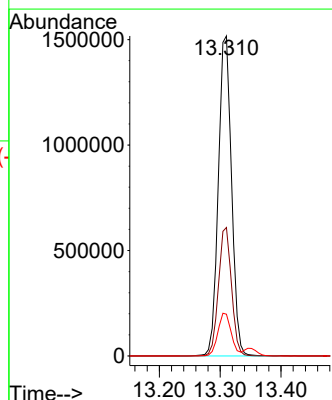
Tgt Ion:154 Resp: 2278035

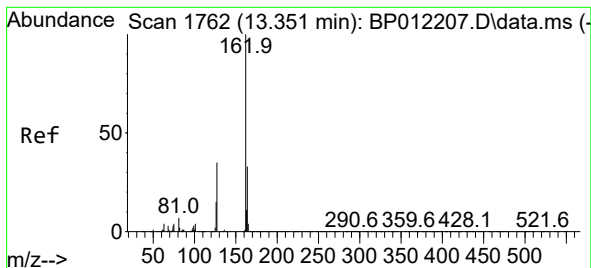
Ion Ratio Lower Upper

154 100

153 40.2 31.5 47.3

76 13.1 11.0 16.4

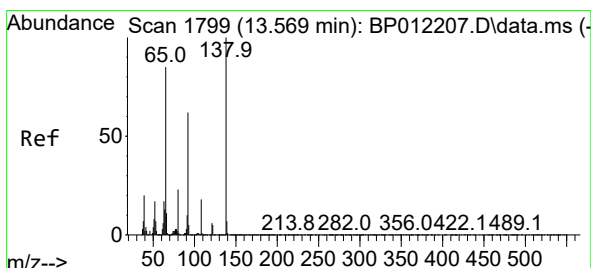
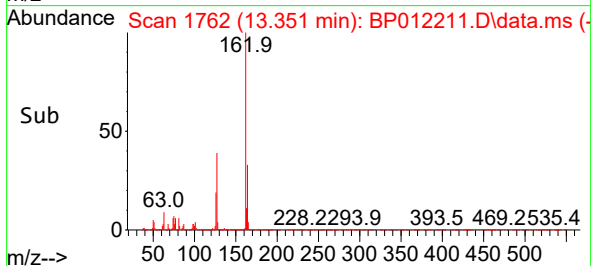
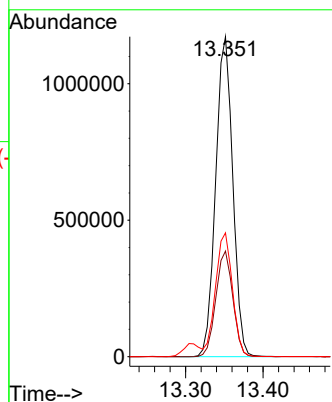
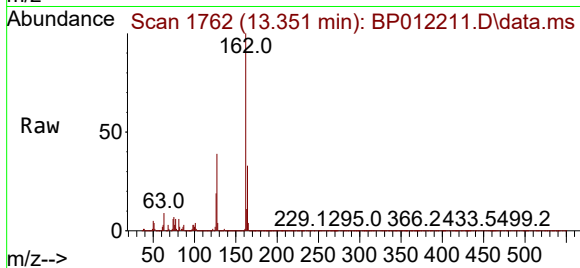




#44
2-Chloronaphthalene
Concen: 34.704 ng/ul
RT: 13.351 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

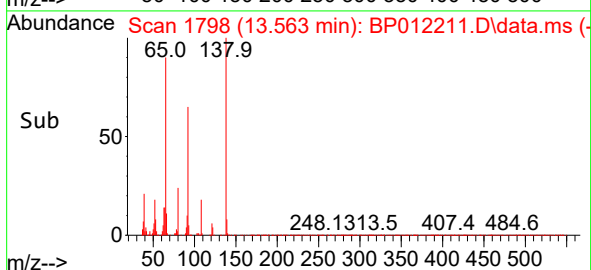
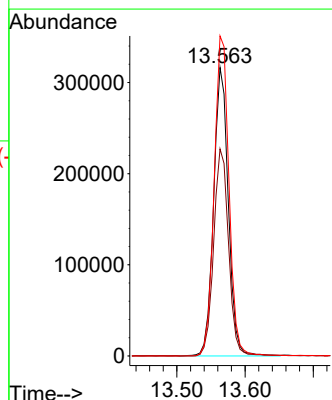
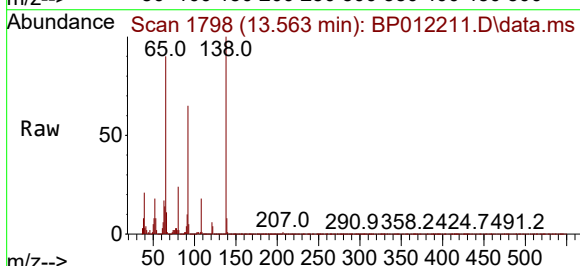
Instrument :
BNA_P
ClientSampleId :

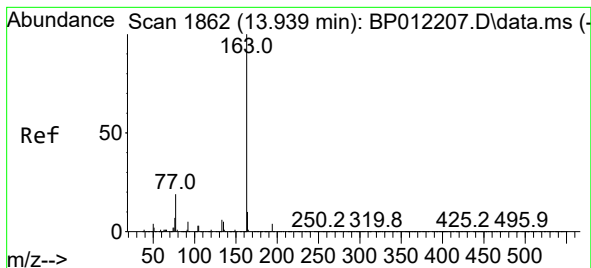
Tgt Ion:162 Resp: 1794463
Ion Ratio Lower Upper
162 100
164 33.0 26.1 39.1
127 38.7 30.8 46.2



#45
2-Nitroaniline
Concen: 34.449 ng/ul
RT: 13.563 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion: 65 Resp: 473557
Ion Ratio Lower Upper
65 100
92 71.8 57.5 86.3
138 110.9 92.5 138.7





#47

Dimethylphthalate

Concen: 33.089 ng/ul

RT: 13.940 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

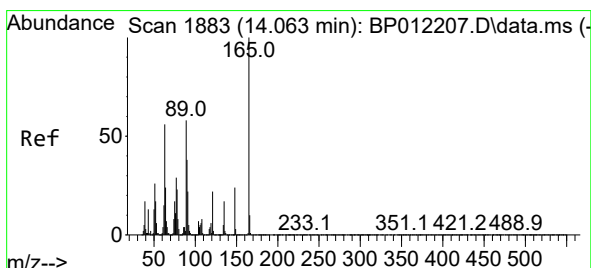
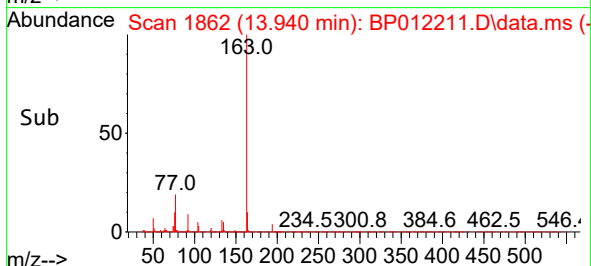
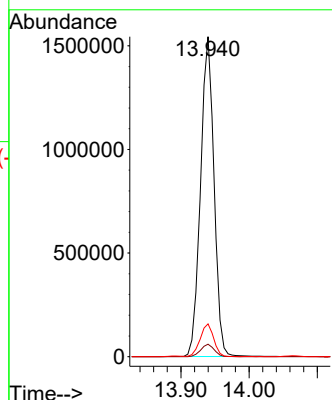
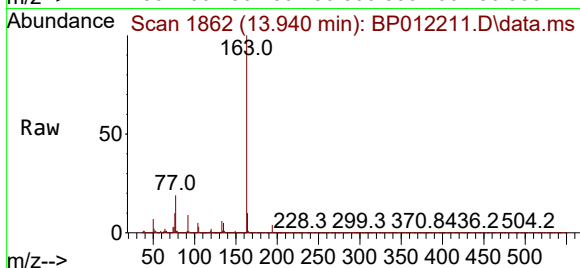
Tgt Ion:163 Resp: 2114978

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 35.062 ng/ul

RT: 14.063 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

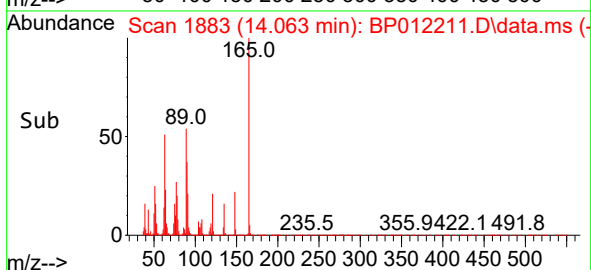
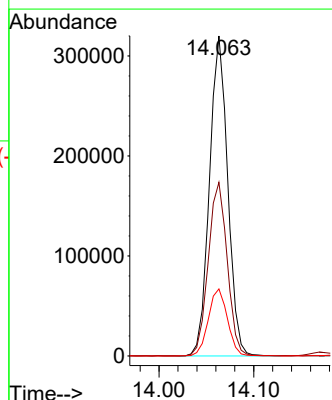
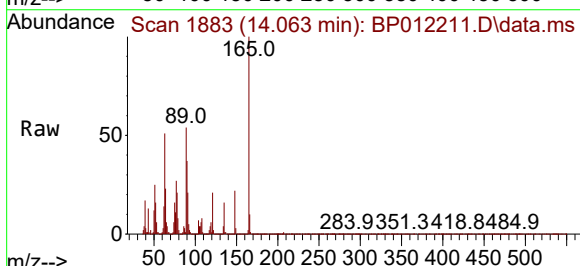
Tgt Ion:165 Resp: 428835

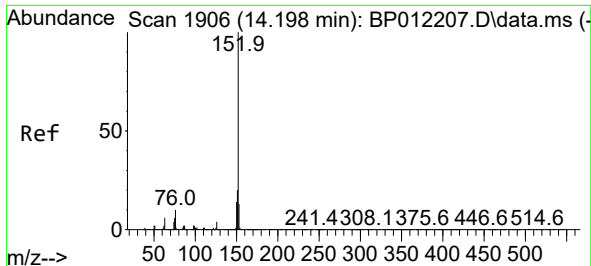
Ion Ratio Lower Upper

165 100

89 54.3 43.9 65.9

121 20.9 17.1 25.7

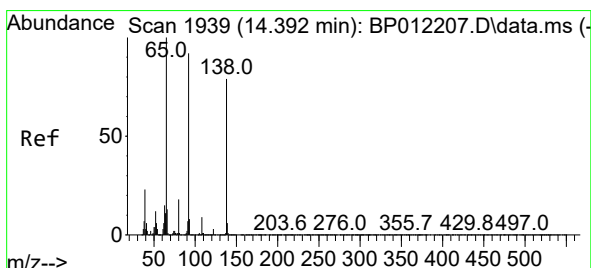
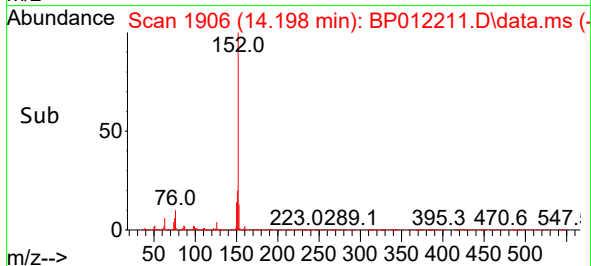
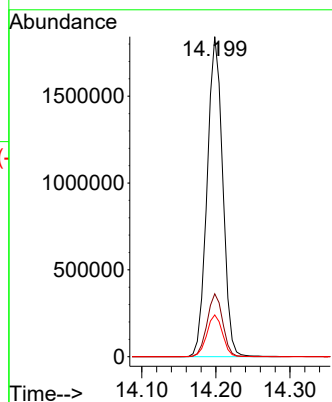
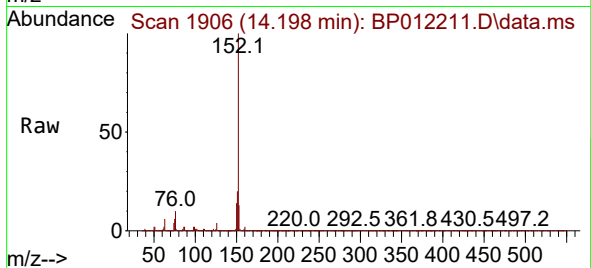




#50
Acenaphthylene
Concen: 34.689 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

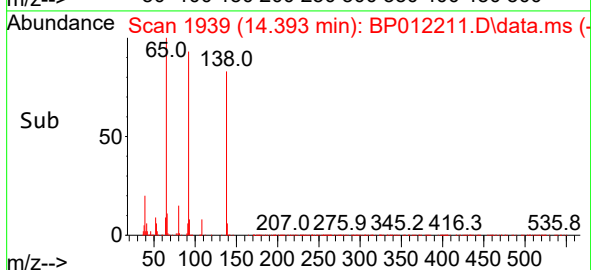
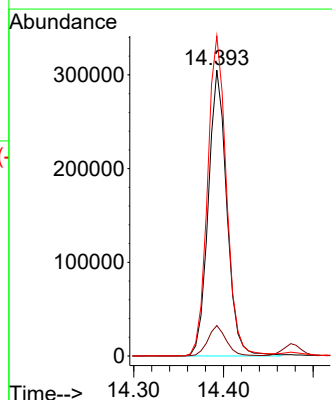
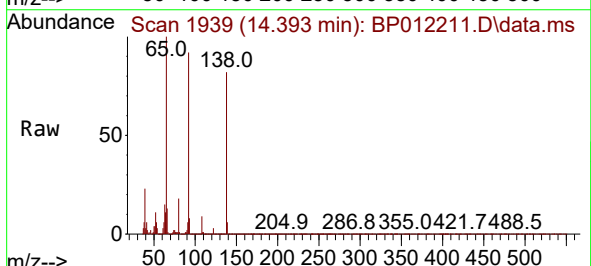
Instrument :
BNA_P
ClientSampleId :

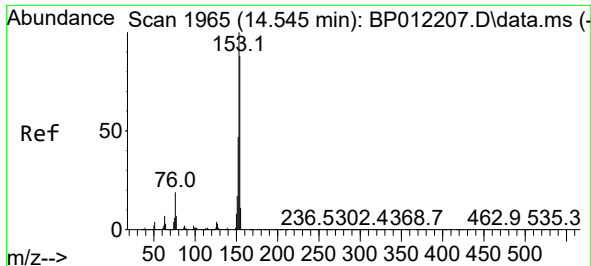
Tgt Ion:152 Resp: 2691169
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 33.882 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

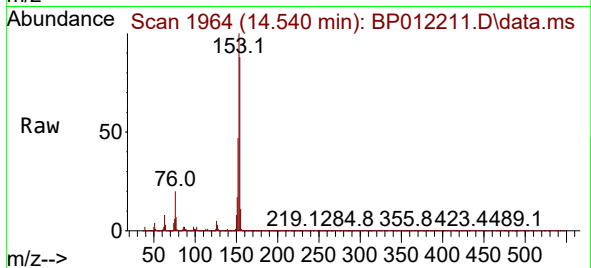
Tgt Ion:138 Resp: 437419
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 112.0 93.1 139.7



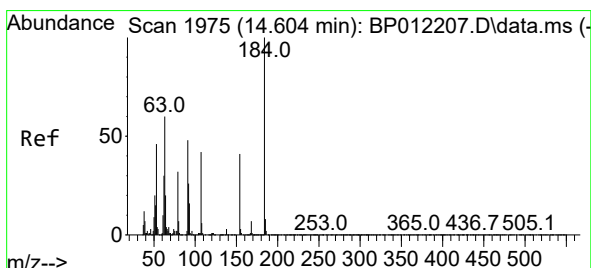
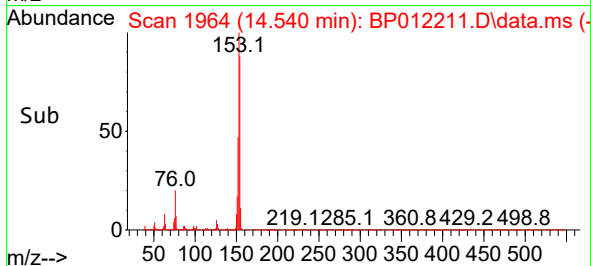
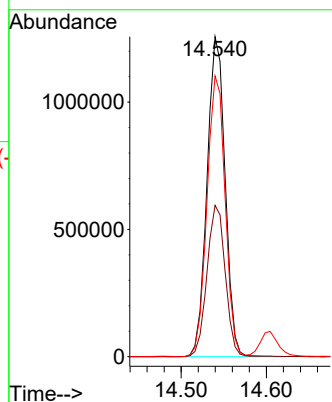


#52
Acenaphthene
Concen: 33.679 ng/ul
RT: 14.540 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Instrument :
BNA_P
ClientSampleId :

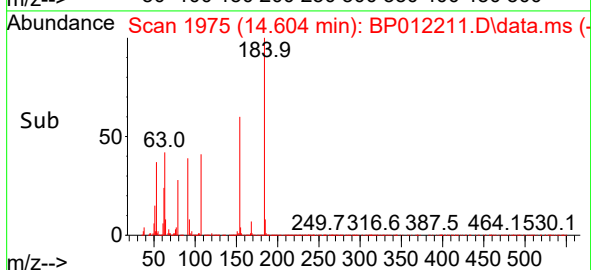
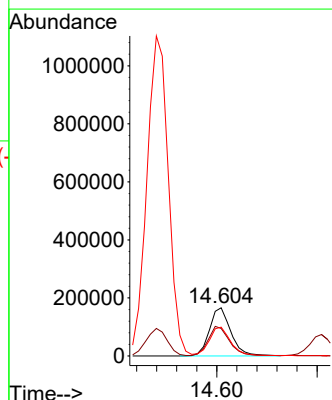
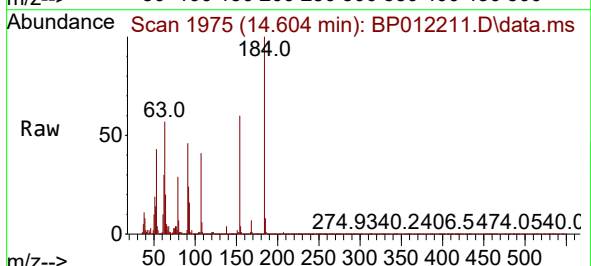


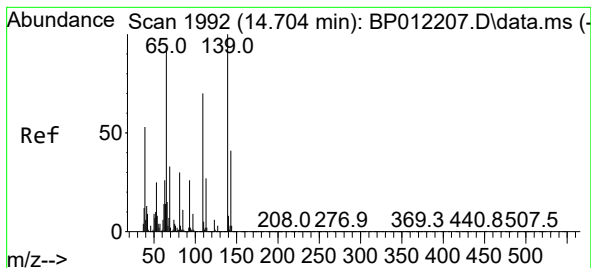
Tgt Ion:153 Resp: 1847784
Ion Ratio Lower Upper
153 100
152 47.3 38.1 57.1
154 87.7 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 33.545 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:184 Resp: 246350
Ion Ratio Lower Upper
184 100
63 57.1 51.1 76.7
154 59.8 47.2 70.8

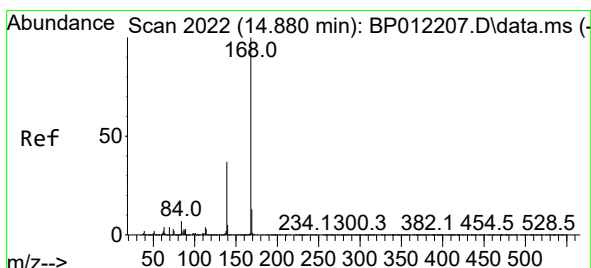
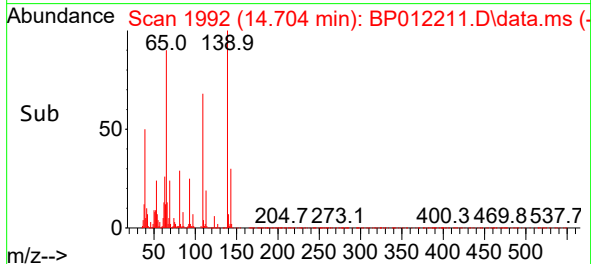
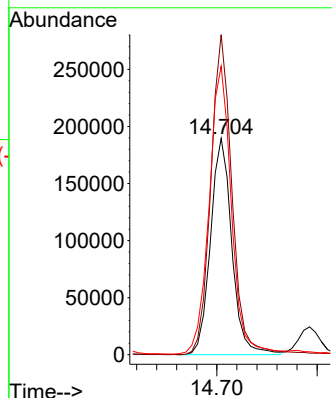
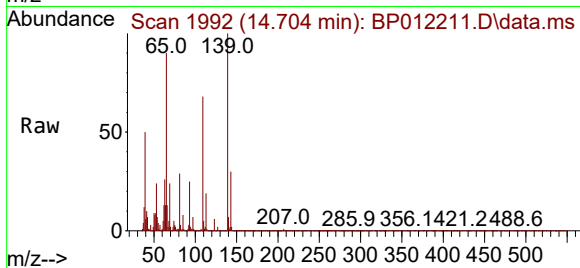




#55
4-Nitrophenol
Concen: 32.899 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

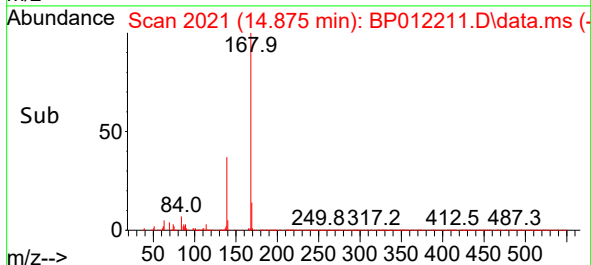
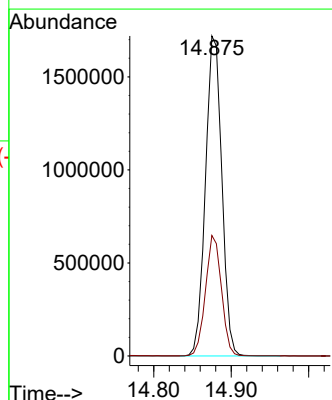
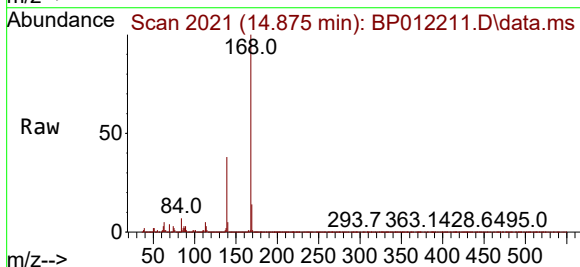
Instrument :
BNA_P
ClientSampleId :

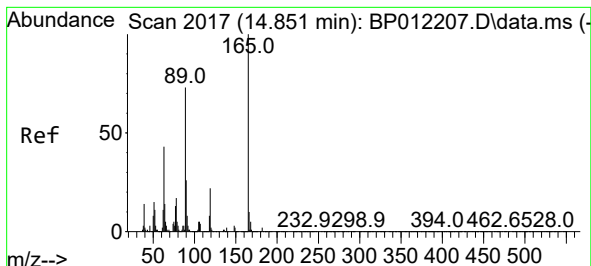
Tgt Ion:109 Resp: 279322
Ion Ratio Lower Upper
109 100
139 147.9 118.5 177.7
65 133.4 110.5 165.7



#56
Dibenzofuran
Concen: 33.581 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:168 Resp: 2522214
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.4





#57

2,4-Dinitrotoluene

Concen: 34.549 ng/ul

RT: 14.851 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

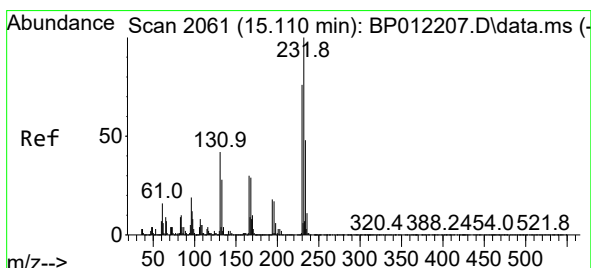
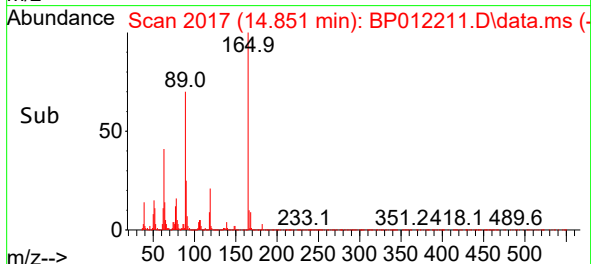
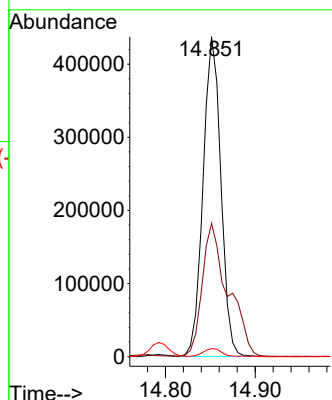
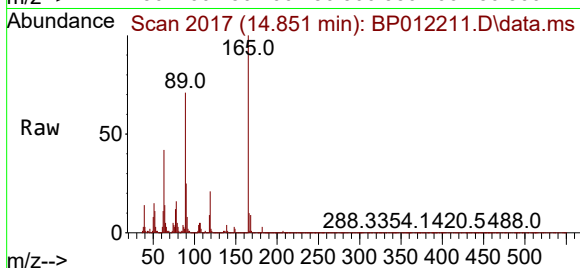
Tgt Ion:165 Resp: 603048

Ion Ratio Lower Upper

165 100

63 41.7 34.1 51.1

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.501 ng/ul

RT: 15.104 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Tgt Ion:232 Resp: 531284

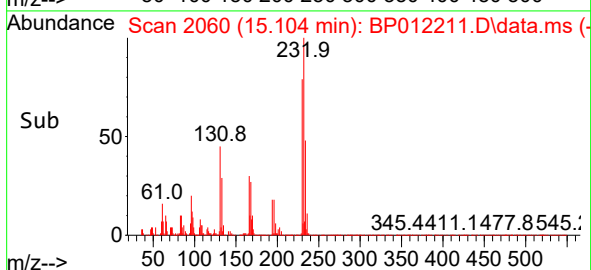
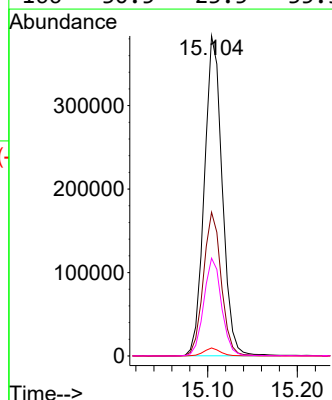
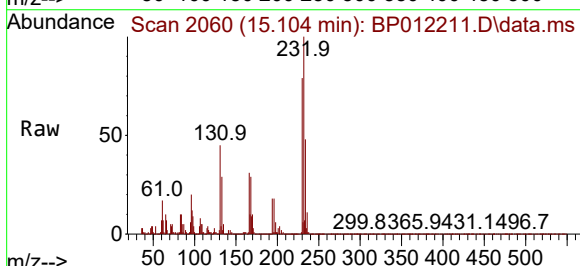
Ion Ratio Lower Upper

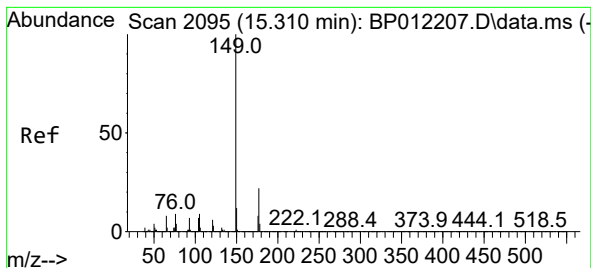
232 100

131 44.9 35.0 52.4

130 2.5 1.8 2.8

166 30.5 23.5 35.3





#59

Diethylphthalate

Concen: 32.815 ng/ul

RT: 15.304 min Scan# 2094

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

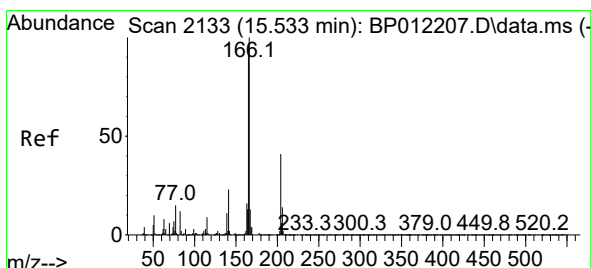
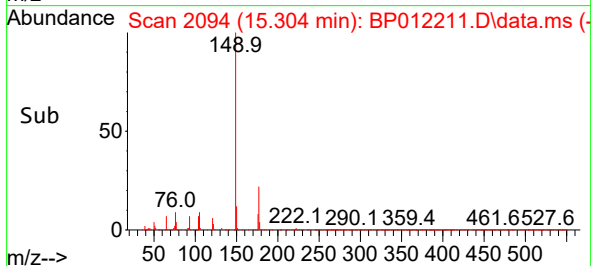
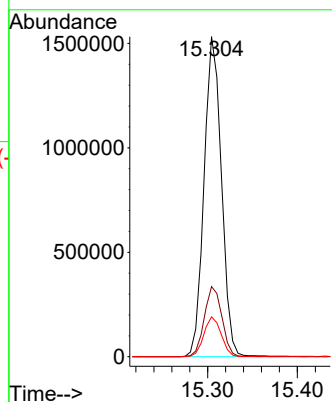
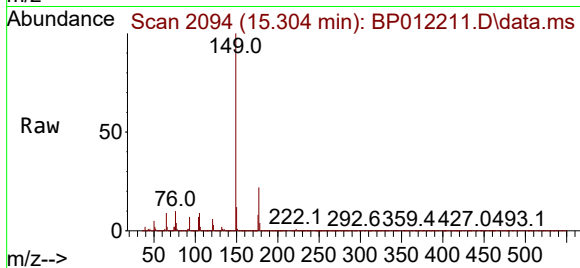
Tgt Ion:149 Resp: 2061537

Ion Ratio Lower Upper

149 100

177 21.9 17.9 26.9

150 12.4 10.1 15.1



#61

Fluorene

Concen: 33.045 ng/ul

RT: 15.528 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

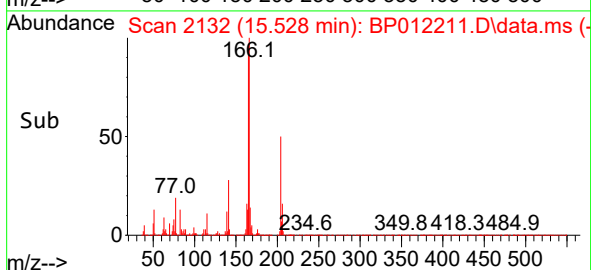
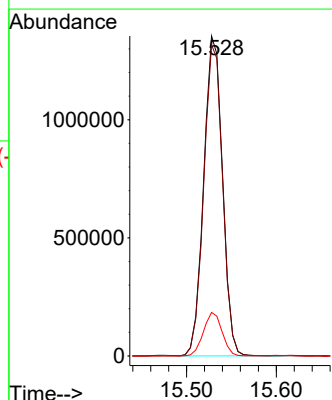
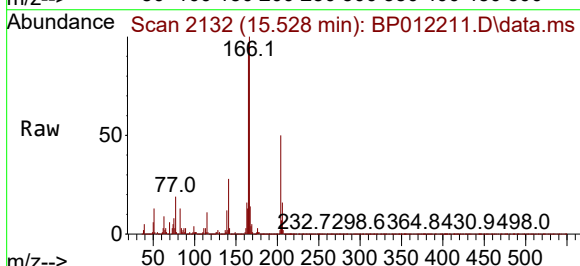
Tgt Ion:166 Resp: 1966396

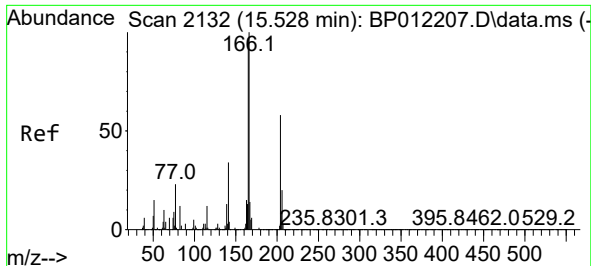
Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

167 13.6 10.7 16.1





#62

4-Chlorophenyl-phenylether

Concen: 33.089 ng/ul

RT: 15.522 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

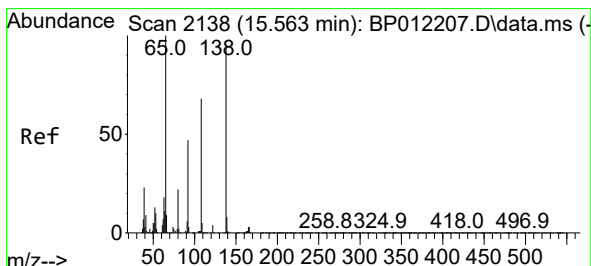
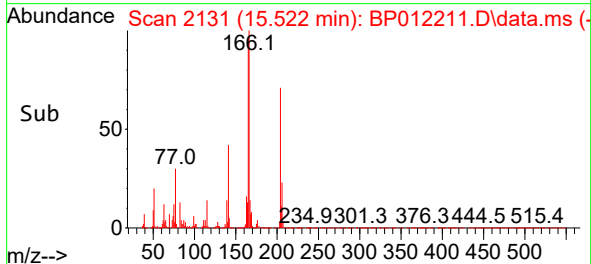
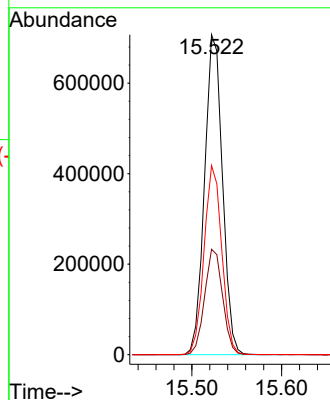
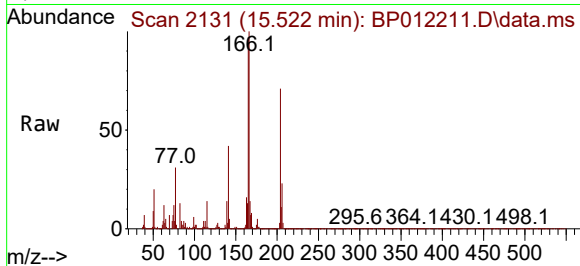
Tgt Ion:204 Resp: 981228

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

141 59.1 45.3 67.9



#63

4-Nitroaniline

Concen: 36.302 ng/ul

RT: 15.563 min Scan# 2138

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

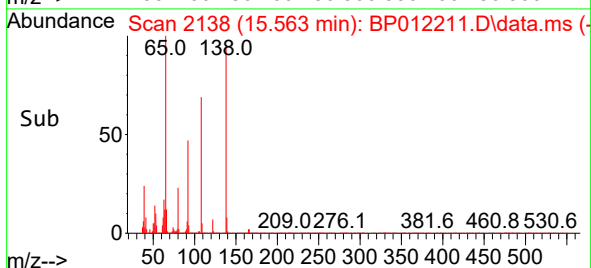
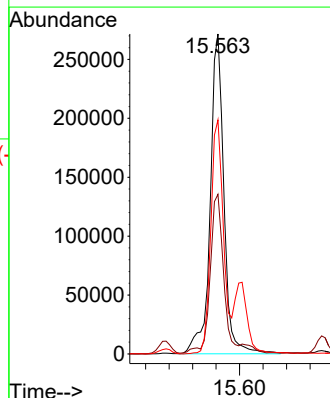
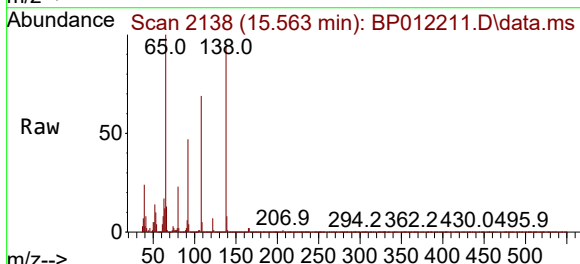
Tgt Ion:138 Resp: 439943

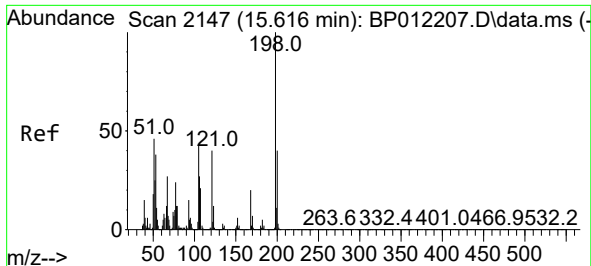
Ion Ratio Lower Upper

138 100

92 49.9 41.6 62.4

108 73.1 57.0 85.6

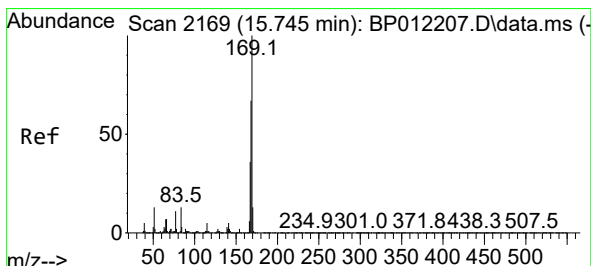
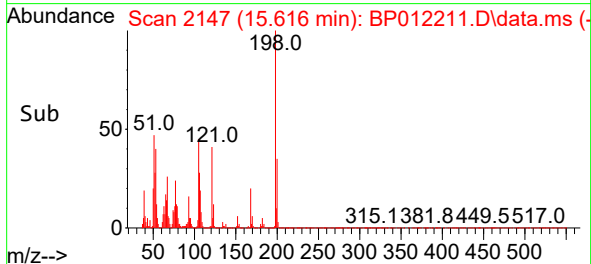
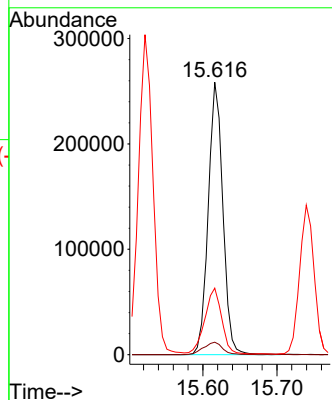
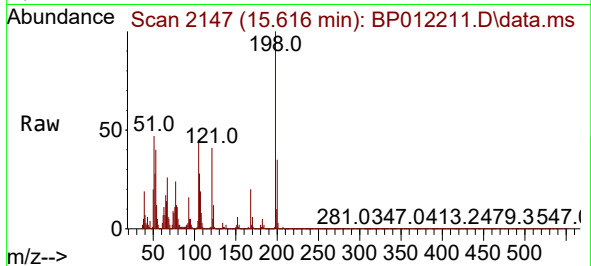




#66
4,6-Dinitro-2-methylphenol
Concen: 35.654 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

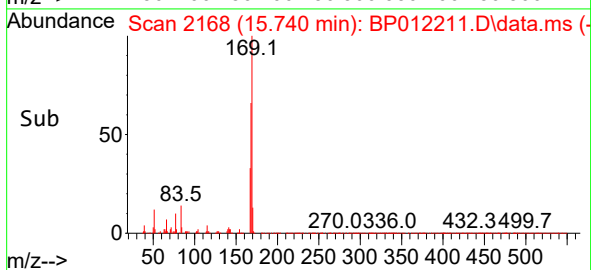
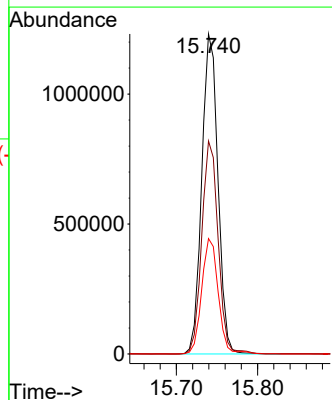
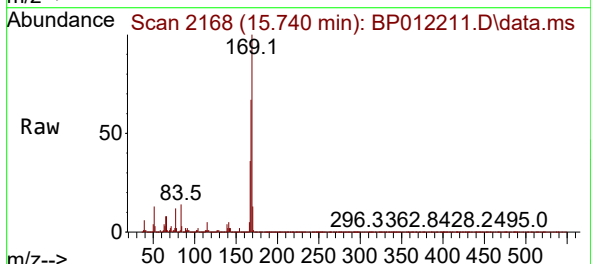
Instrument :
BNA_P
ClientSampleId :

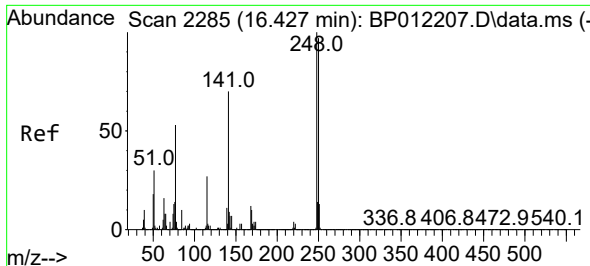
Tgt Ion:198 Resp: 354241
Ion Ratio Lower Upper
198 100
182 4.6 3.8 5.6
77 24.4 17.8 26.6



#67
N-Nitrosodiphenylamine
Concen: 35.201 ng/ul
RT: 15.740 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

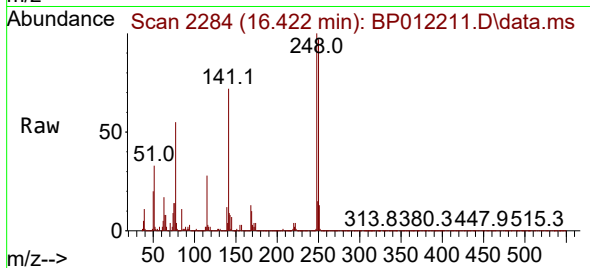
Tgt Ion:169 Resp: 1699742
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.0 29.2 43.8



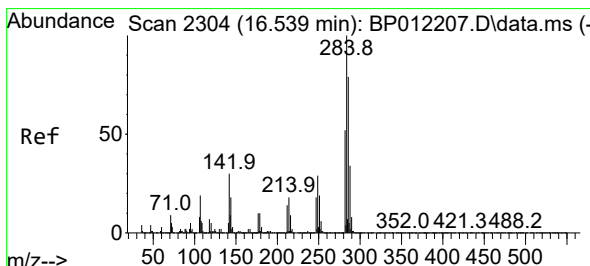
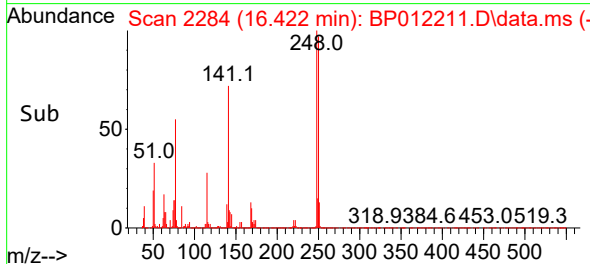
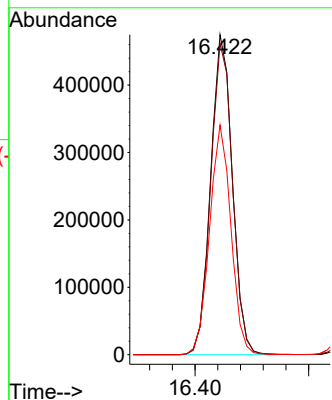


#68
4-Bromophenyl-phenylether
Concen: 35.753 ng/ul
RT: 16.422 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Instrument :
BNA_P
ClientSampleId :

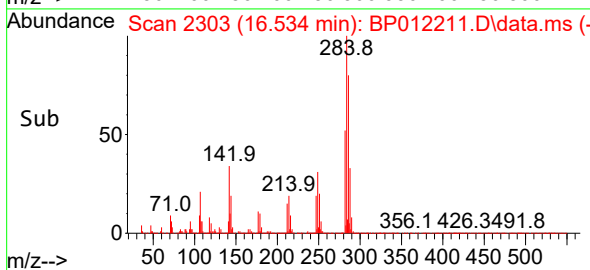
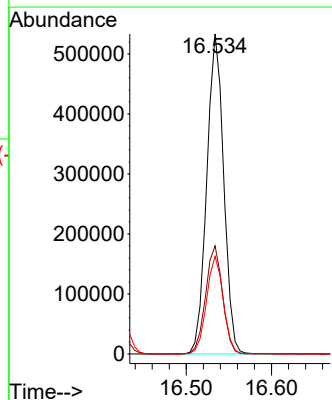
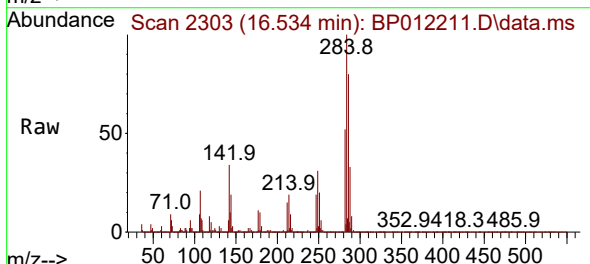


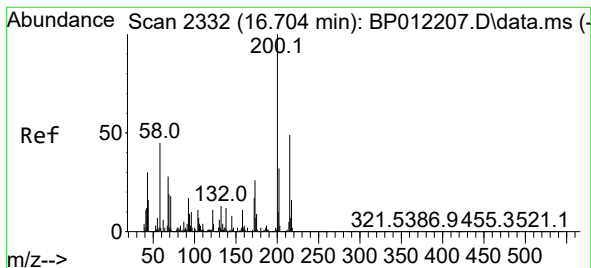
Tgt Ion:248 Resp: 629775
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 71.7 55.1 82.7



#69
Hexachlorobenzene
Concen: 35.387 ng/ul
RT: 16.534 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:284 Resp: 734758
Ion Ratio Lower Upper
284 100
142 33.8 25.5 38.3
249 30.5 23.6 35.4





#70

Atrazine

Concen: 32.046 ng/ul

RT: 16.704 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

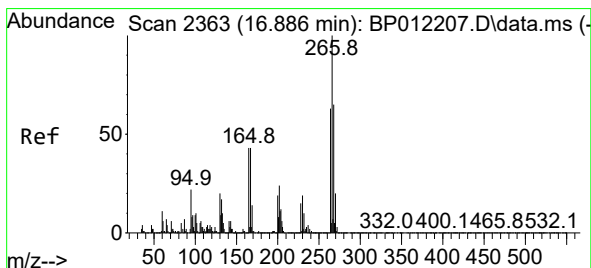
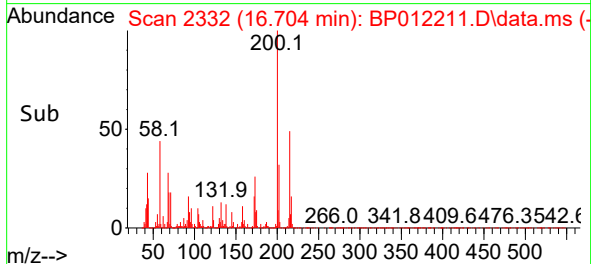
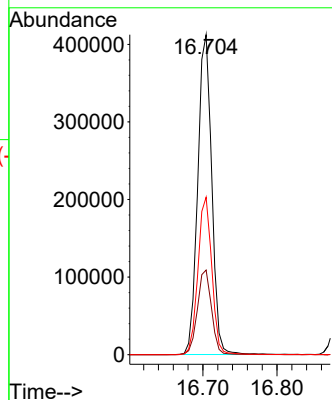
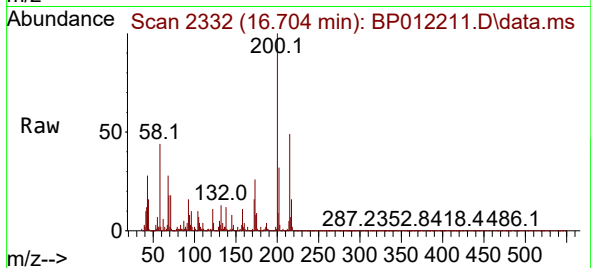
Tgt Ion:200 Resp: 540185

Ion Ratio Lower Upper

200 100

173 26.4 21.4 32.0

215 49.2 38.2 57.2



#71

Pentachlorophenol

Concen: 34.643 ng/ul

RT: 16.887 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

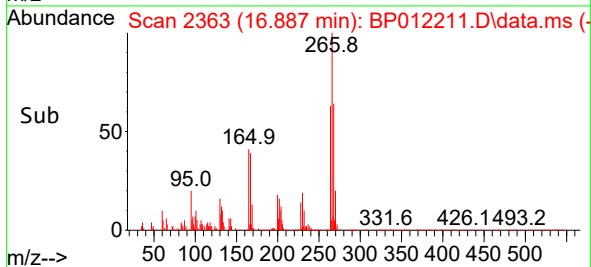
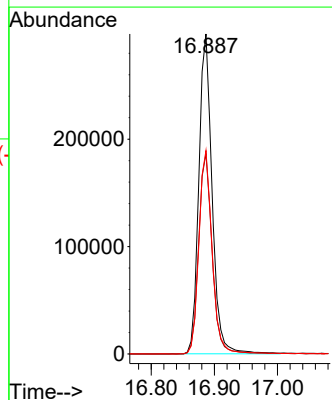
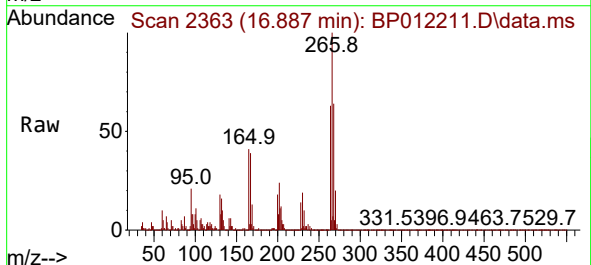
Tgt Ion:266 Resp: 434196

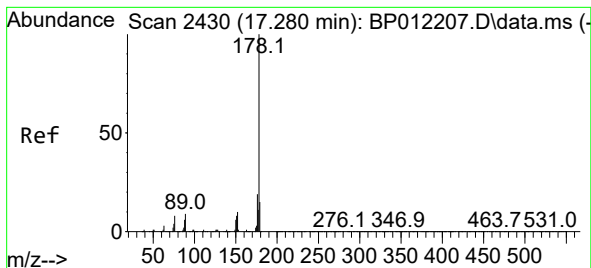
Ion Ratio Lower Upper

266 100

264 62.7 50.1 75.1

268 63.6 50.6 76.0





#72

Phenanthrene

Concen: 34.790 ng/ul

RT: 17.281 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

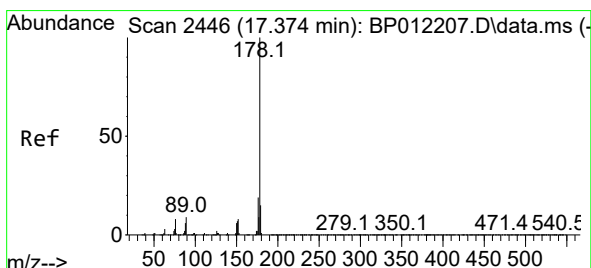
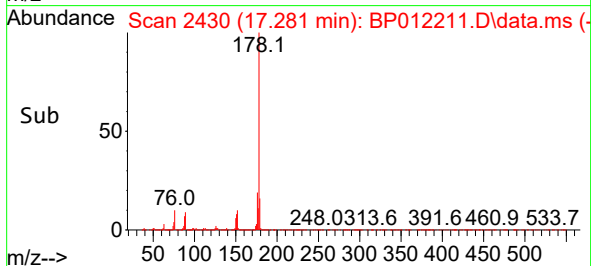
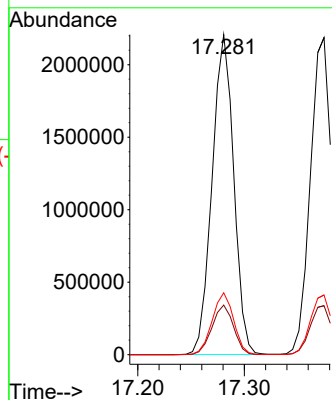
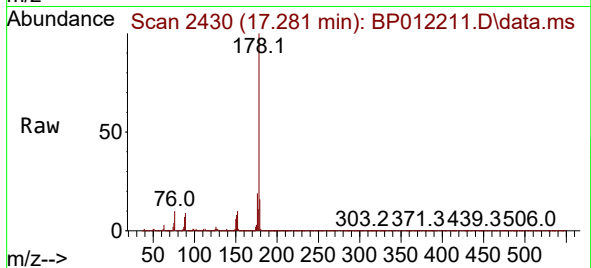
Tgt Ion:178 Resp: 3110841

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.4 15.6 23.4



#74

Anthracene

Concen: 35.215 ng/ul

RT: 17.375 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

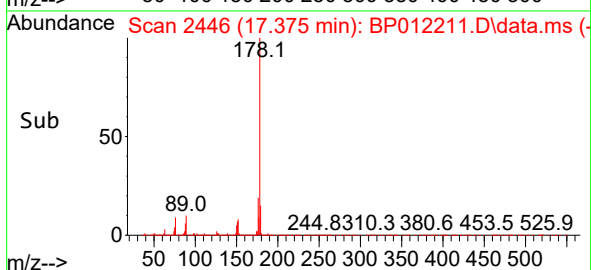
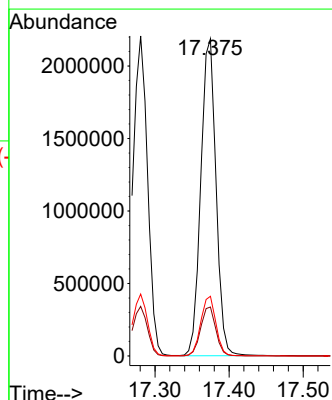
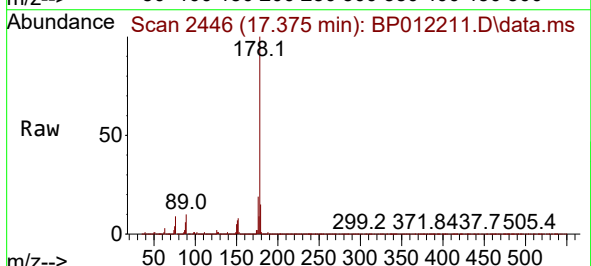
Tgt Ion:178 Resp: 3115449

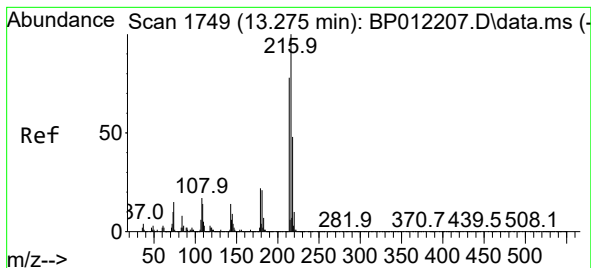
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.8 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.019 ng/uL

RT: 13.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

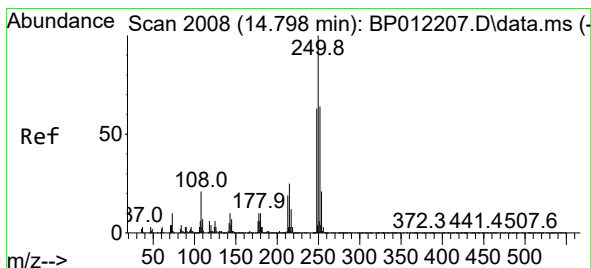
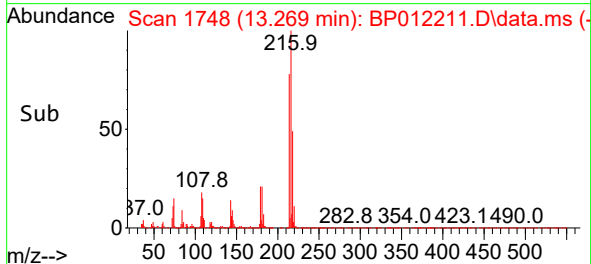
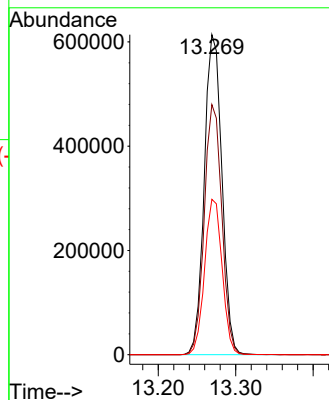
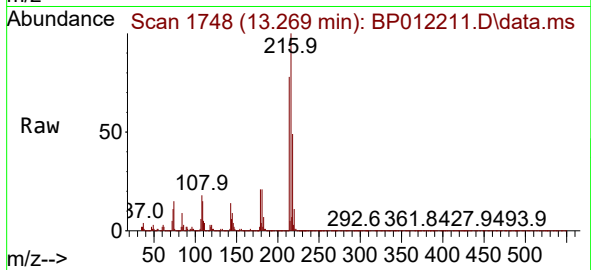
Tgt Ion:216 Resp: 968669

Ion Ratio Lower Upper

216 100

214 78.1 62.9 94.3

218 48.6 38.6 57.8



#76

Pentachlorobenzene

Concen: 34.126 ng/uL

RT: 14.793 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

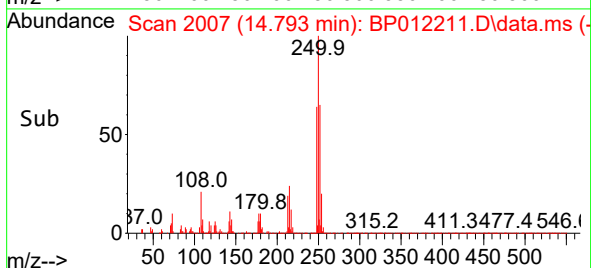
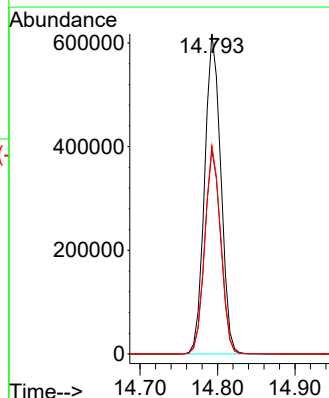
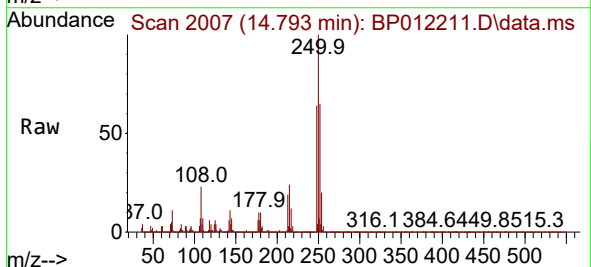
Tgt Ion:250 Resp: 892384

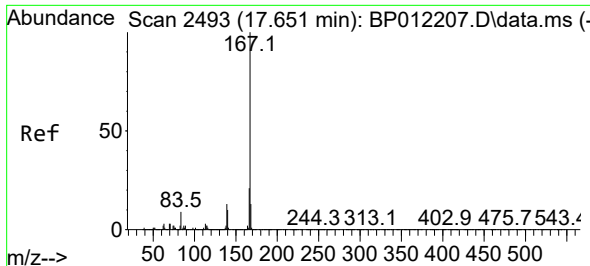
Ion Ratio Lower Upper

250 100

248 63.7 50.3 75.5

252 65.1 52.0 78.0

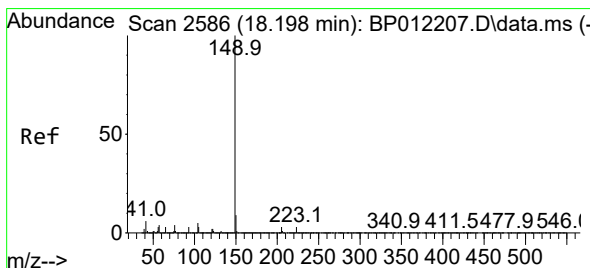
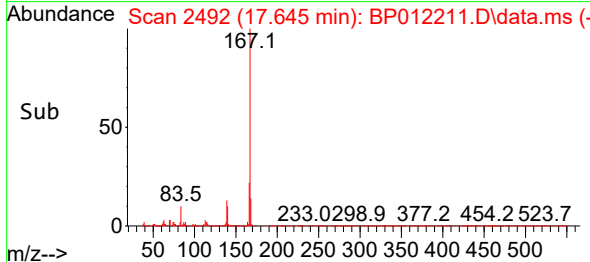
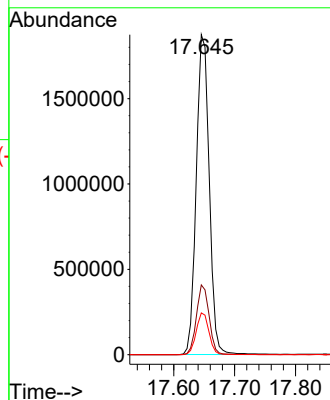
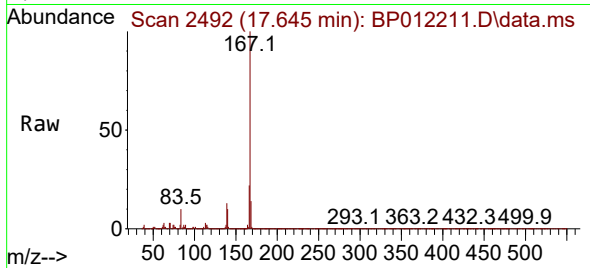




#77
 Carbazole
 Concen: 35.520 ng/ul
 RT: 17.645 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BP012211.D
 Acq: 20 Oct 2022 11:42

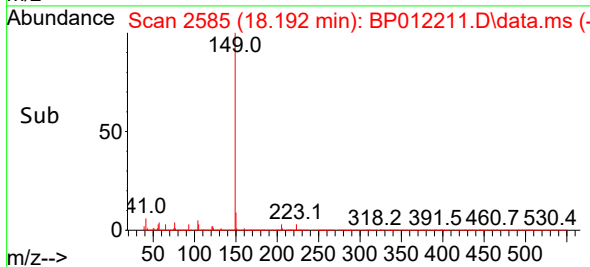
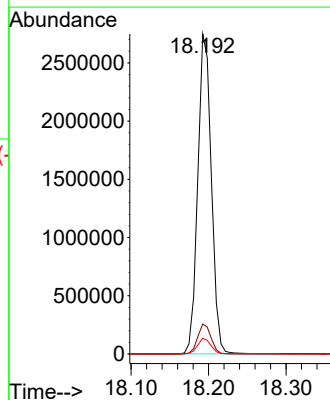
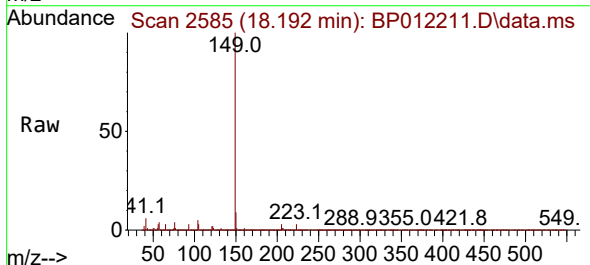
Instrument :
 BNA_P
 ClientSampleId :

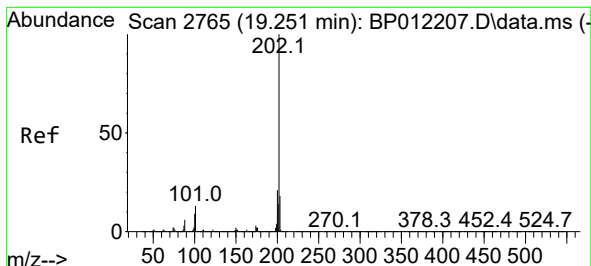
Tgt Ion:167 Resp: 2773353
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.1 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 35.649 ng/ul
 RT: 18.192 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BP012211.D
 Acq: 20 Oct 2022 11:42

Tgt Ion:149 Resp: 3339120
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.9 3.8 5.6





#80

Fluoranthene

Concen: 33.136 ng/ul

RT: 19.251 min Scan# 2765

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

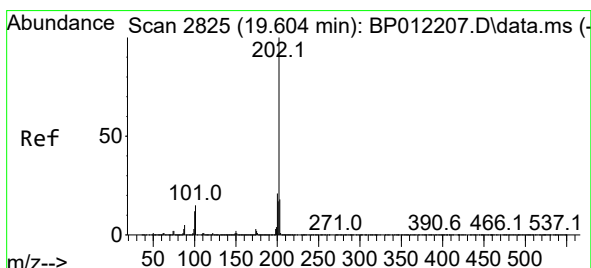
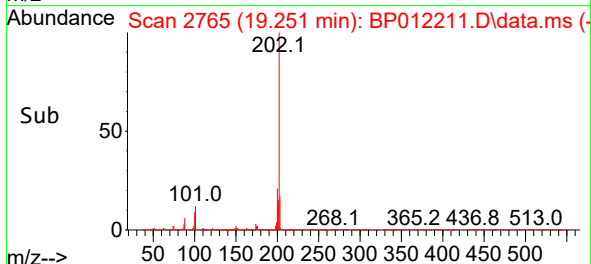
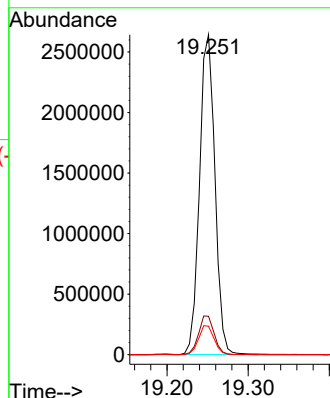
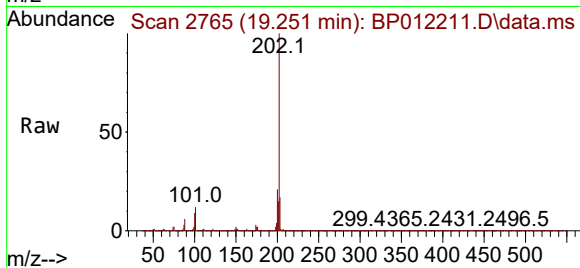
Tgt Ion:202 Resp: 3486450

Ion Ratio Lower Upper

202 100

101 12.0 10.4 15.6

100 8.9 7.7 11.5



#82

Pyrene

Concen: 33.443 ng/ul

RT: 19.604 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

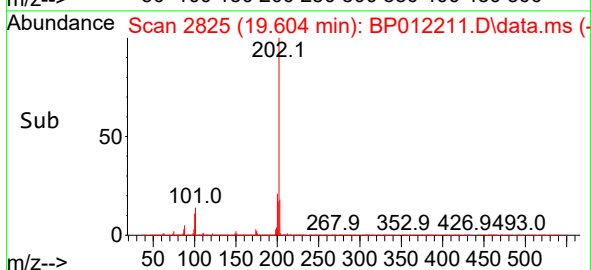
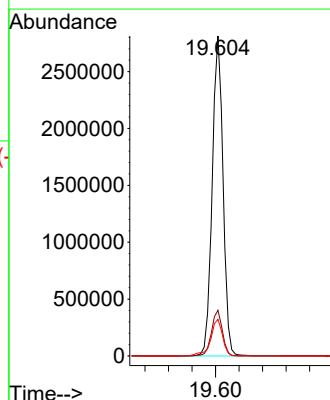
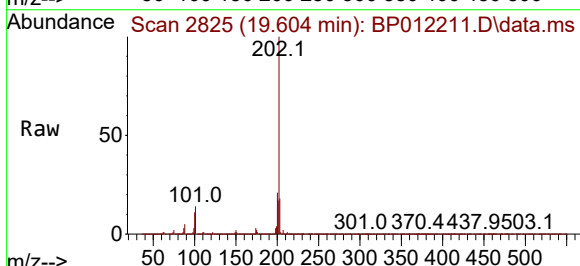
Tgt Ion:202 Resp: 3600125

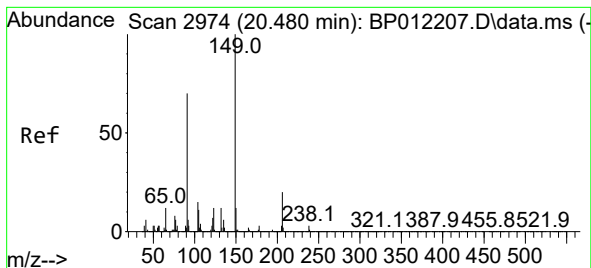
Ion Ratio Lower Upper

202 100

101 14.3 12.3 18.5

100 11.4 10.0 15.0





#83

Butylbenzylphthalate

Concen: 34.007 ng/ul

RT: 20.475 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

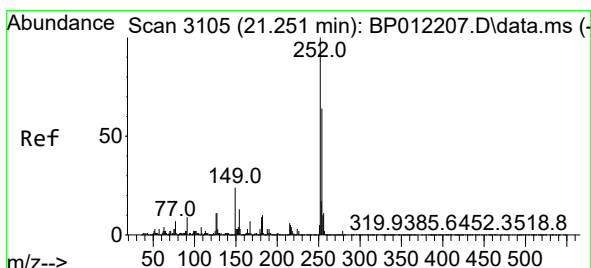
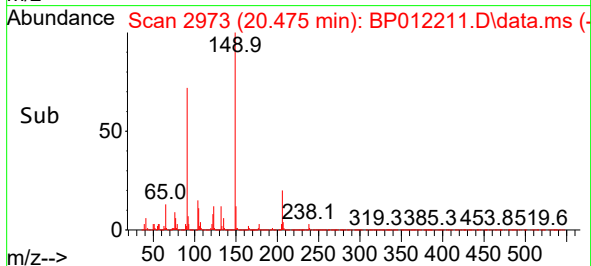
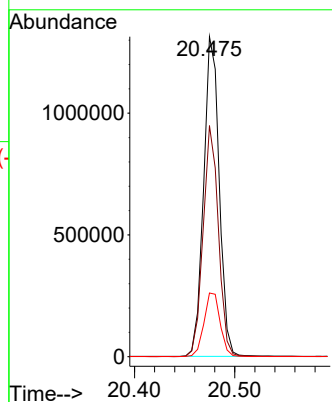
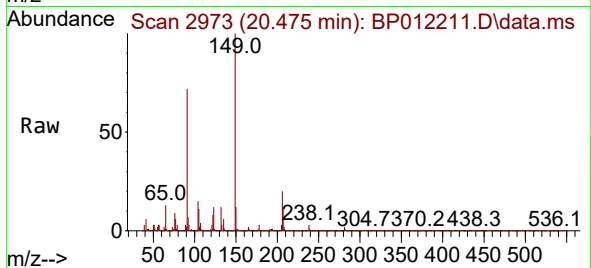
Tgt Ion:149 Resp: 1423818

Ion Ratio Lower Upper

149 100

91 72.2 56.1 84.1

206 19.9 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 36.474 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

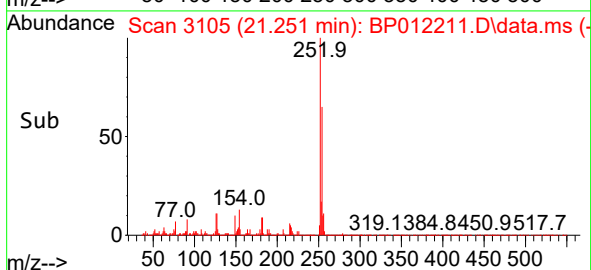
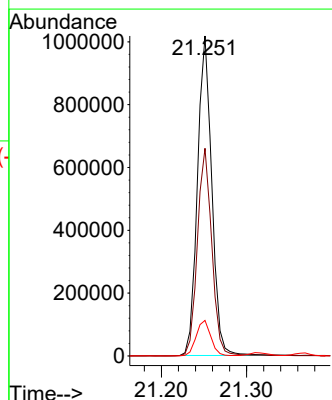
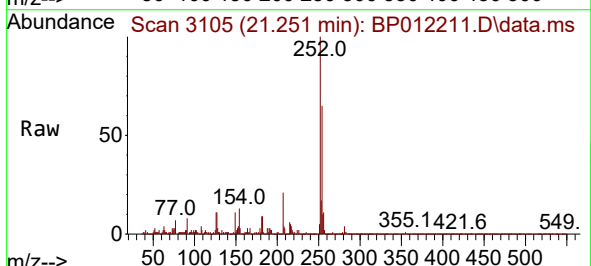
Tgt Ion:252 Resp: 1188059

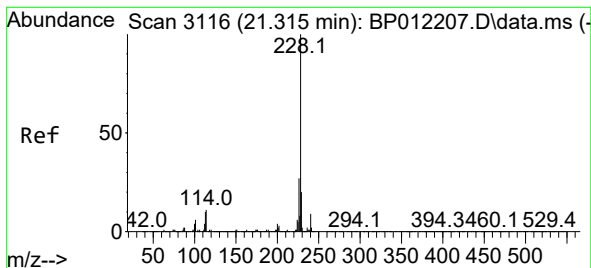
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.4

126 11.1 9.8 14.6





#85

Benzo(a)anthracene

Concen: 35.051 ng/ul

RT: 21.316 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

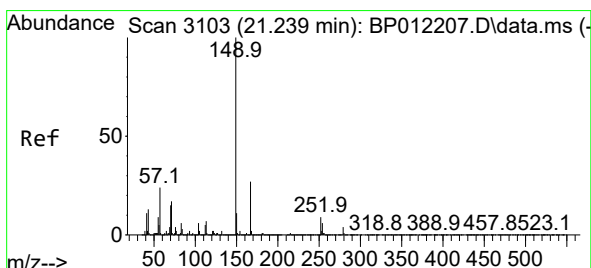
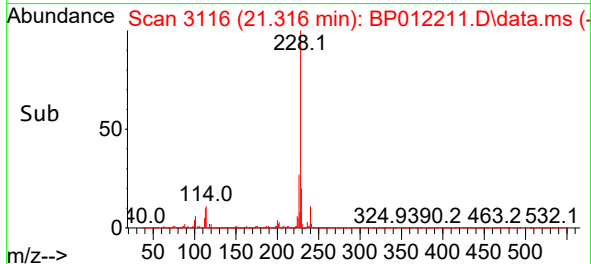
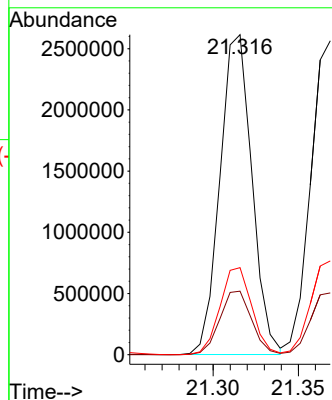
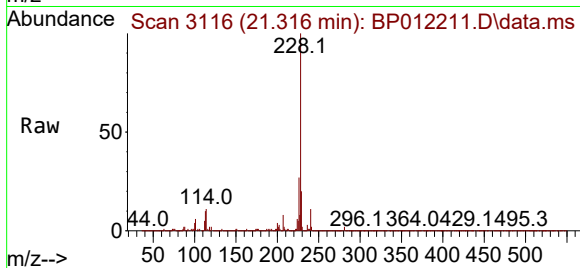
Tgt Ion:228 Resp: 3416448

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.591 ng/ul

RT: 21.233 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

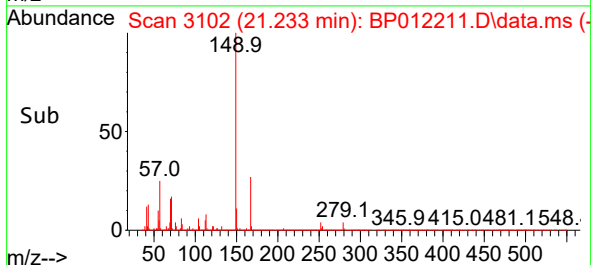
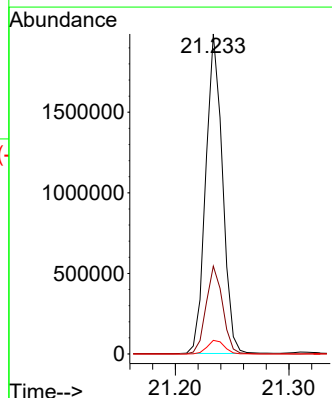
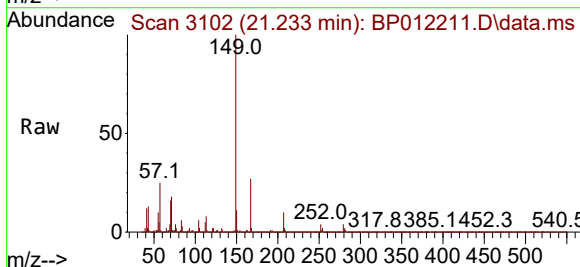
Tgt Ion:149 Resp: 2029065

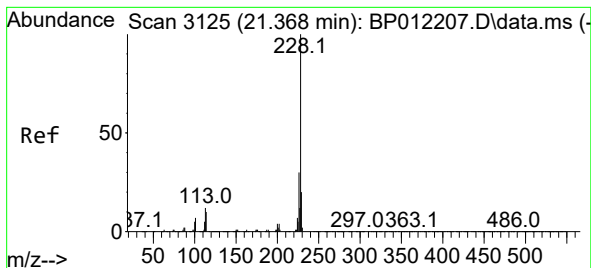
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.3 3.4 5.0





#87

Chrysene

Concen: 35.758 ng/ul

RT: 21.369 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

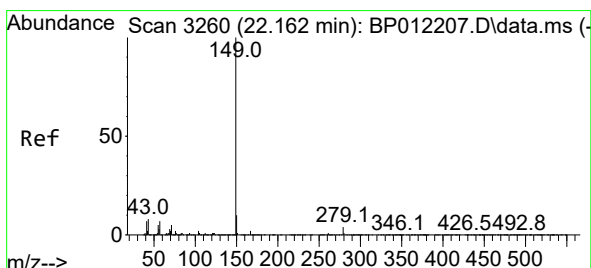
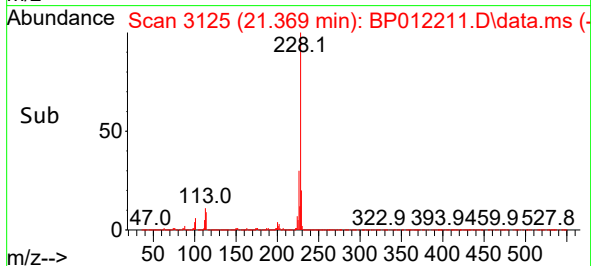
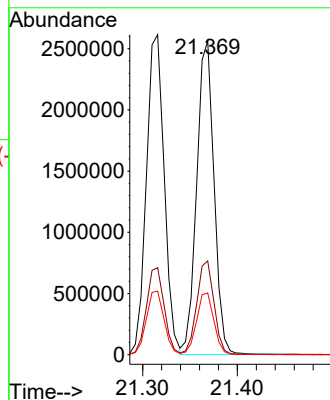
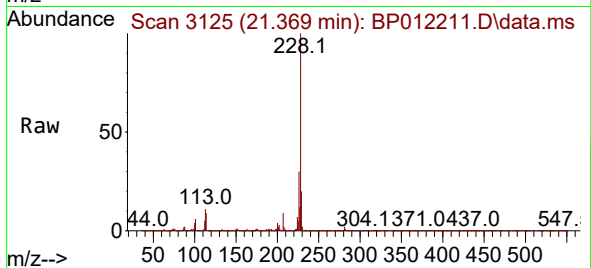
Tgt Ion:228 Resp: 3252398

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.7 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 30.845 ng/ul

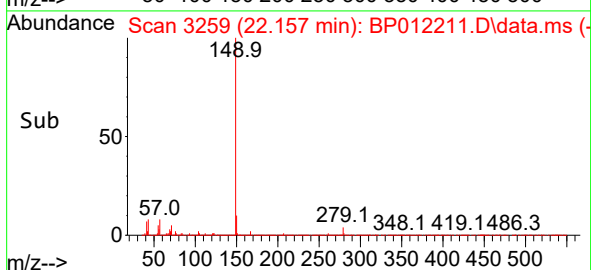
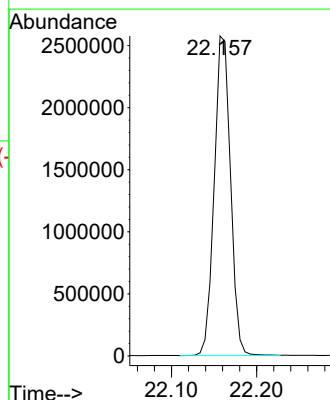
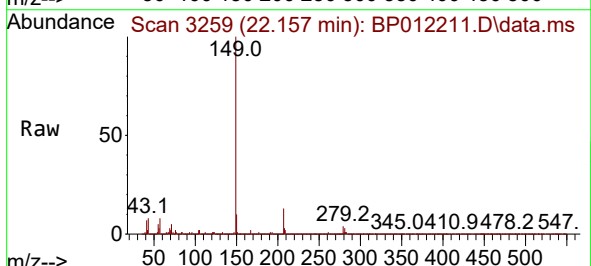
RT: 22.157 min Scan# 3259

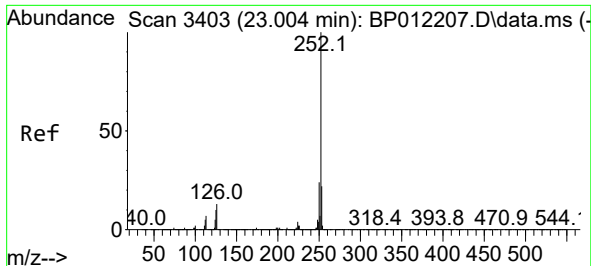
Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Tgt Ion:149 Resp: 3421404

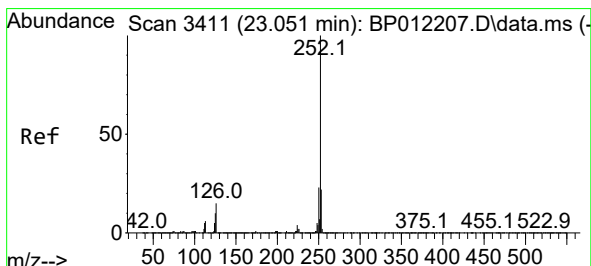
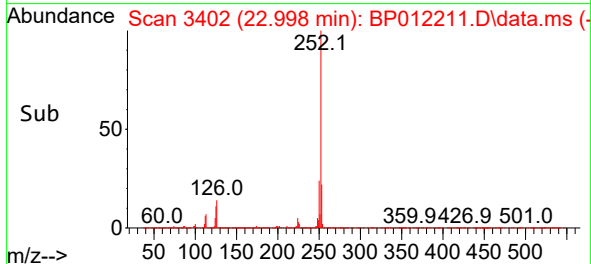
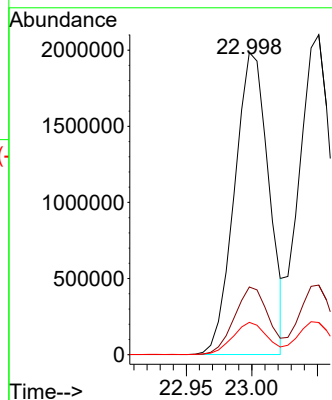
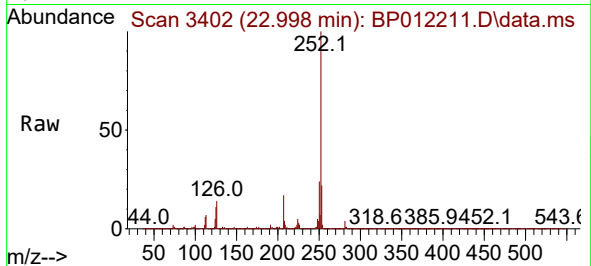




#90
Benzo(b)fluoranthene
Concen: 33.700 ng/ul
RT: 22.998 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

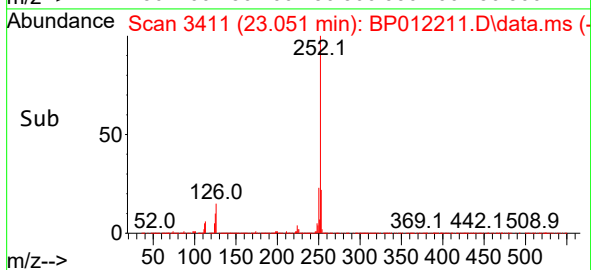
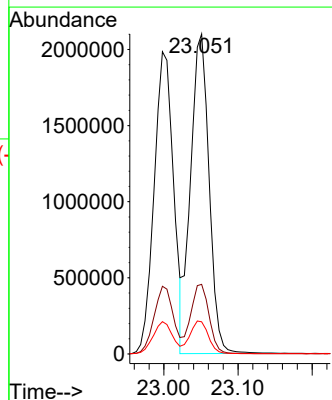
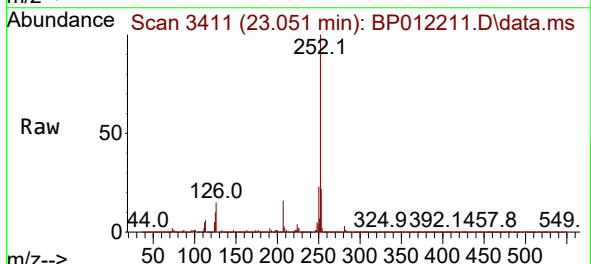
Instrument :
BNA_P
ClientSampleId :

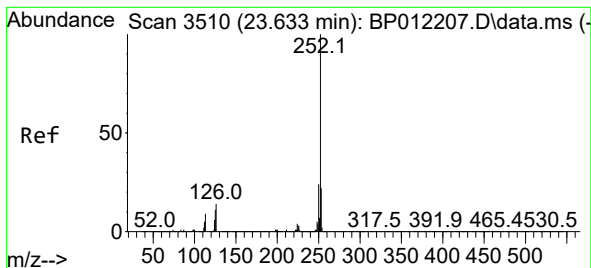
Tgt Ion:252 Resp: 3601763
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.7 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 34.525 ng/ul
RT: 23.051 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP012211.D
Acq: 20 Oct 2022 11:42

Tgt Ion:252 Resp: 3637251
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.1 8.6 13.0





#93

Benzo(a)pyrene

Concen: 35.750 ng/ul

RT: 23.627 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

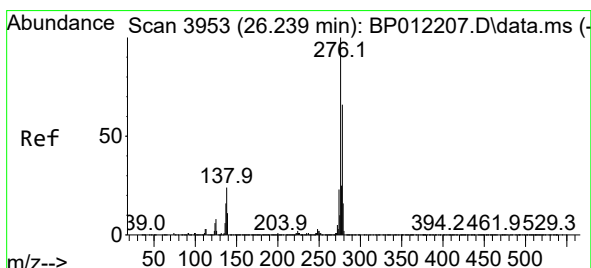
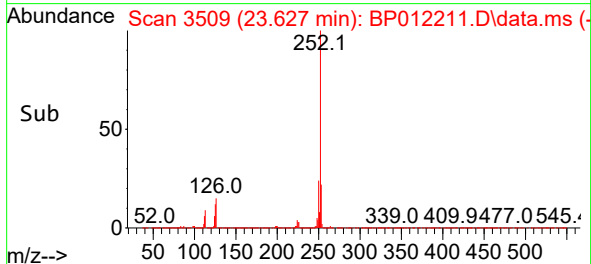
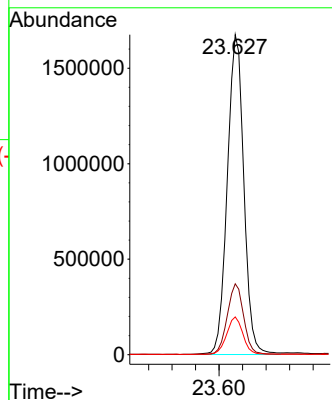
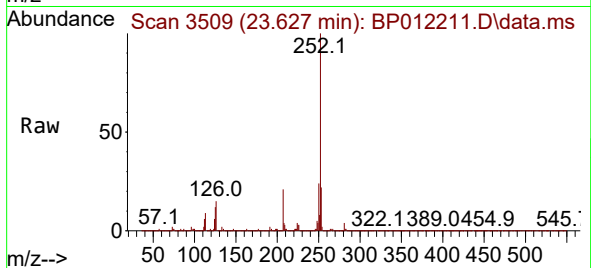
Tgt Ion:252 Resp: 3267302

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.8 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 42.938 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

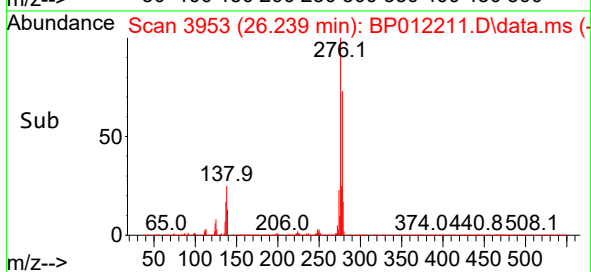
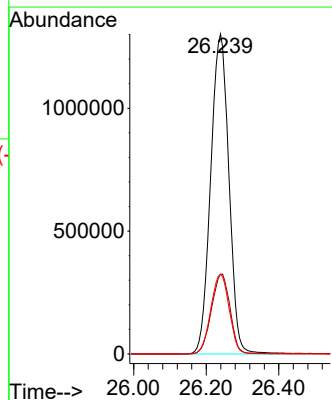
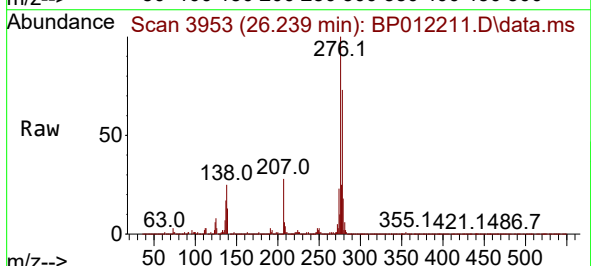
Tgt Ion:276 Resp: 4542813

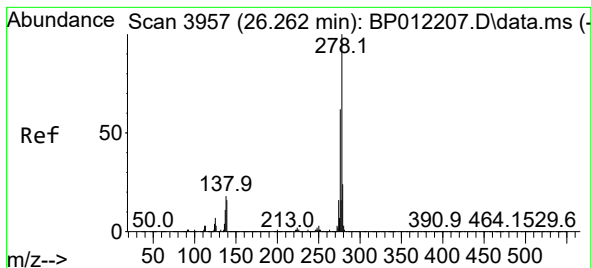
Ion Ratio Lower Upper

276 100

138 24.9 20.3 30.5

277 24.9 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 40.872 ng/ul

RT: 26.257 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

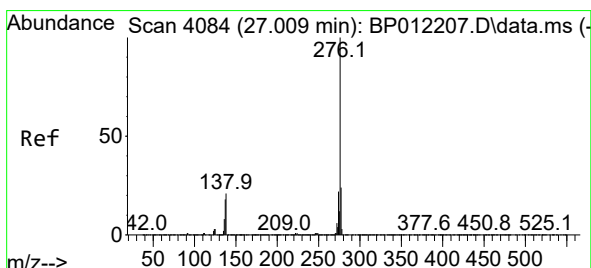
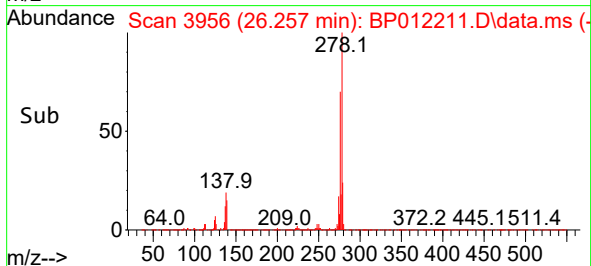
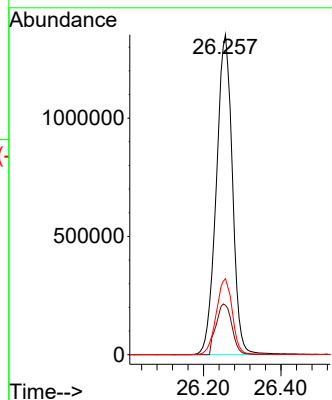
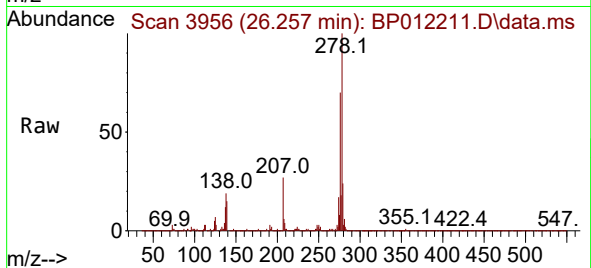
Tgt Ion:278 Resp: 3898451

Ion Ratio Lower Upper

278 100

139 15.5 12.9 19.3

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 39.139 ng/ul

RT: 27.010 min Scan# 4084

Delta R.T. 0.000 min

Lab File: BP012211.D

Acq: 20 Oct 2022 11:42

Tgt Ion:276 Resp: 3888071

Ion Ratio Lower Upper

276 100

138 22.0 17.9 26.9

277 24.1 18.9 28.3

