

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020153.D
 Acq On : 02 May 2024 19:57
 Operator : MA/JU
 Sample : PB160609BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 03 00:42:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 00:38:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	79672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	363406	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	272290	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	615154	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	595386	20.000	ng/ul	-0.01
88) Perylene-d12	25.004	264	511171	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	11211	5.943	ng/uL	0.00
4) Pyridine-d5	3.622	84	130542	23.815	ng/ul	0.00
7) Phenol-d5	6.810	99	226959	33.171	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	132389	31.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	163234	33.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	192377	34.777	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	86202	31.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	100205	32.155	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	196671	34.584	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	81542	10.245	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	666920	33.540	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	704417	32.069	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	108774	35.593	ng/ul	0.00
60) Fluorene-d10	15.322	176	554788	33.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	134853	34.546	ng/ul	0.00
73) Anthracene-d10	17.239	188	902002	33.895	ng/ul	0.00
81) Pyrene-d10	19.639	212	1101203	31.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	815430	32.992	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	24027	11.224	ng/uL	98
5) Pyridine	3.640	79	158471	28.583	ng/ul	98
6) Benzaldehyde	6.799	77	34056	9.902	ng/ul	91
8) Phenol	6.834	94	243526	34.484	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	184153	33.325	ng/ul	98
12) 2-Chlorophenol	7.193	128	176278	34.518	ng/ul	98
13) 2-Methylphenol	8.069	108	183904	34.912	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	235076	34.102	ng/ul	98
16) Acetophenone	8.451	105	321376	35.005	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.434	70	179965	36.122	ng/ul	96
18) 4-Methylphenol	8.393	108	202080	35.295	ng/ul	92
19) Hexachloroethane	8.669	117	78981	33.819	ng/ul	99
22) Nitrobenzene	8.828	77	260437	33.338	ng/ul	99
23) Isophorone	9.346	82	500115	33.293	ng/ul	99
25) 2-Nitrophenol	9.528	139	111850	34.651	ng/ul	95
26) 2,4-Dimethylphenol	9.587	107	237654	33.746	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	278044	33.388	ng/ul	99
29) 2,4-Dichlorophenol	10.057	162	196505	35.525	ng/ul	99
30) Naphthalene	10.451	128	608503	32.486	ng/ul	99
32) 4-Chloroaniline	10.587	127	118473	15.222	ng/ul	96
33) Hexachlorobutadiene	10.710	225	142249	33.109	ng/ul	98
34) Caprolactam	11.393	113	70699	36.605	ng/ul	93
35) 4-Chloro-3-methylphenol	11.716	107	259625	37.697	ng/ul	98
36) 2-Methylnaphthalene	12.081	142	440079	33.767	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020153.D
 Acq On : 02 May 2024 19:57
 Operator : MA/JU
 Sample : PB160609BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

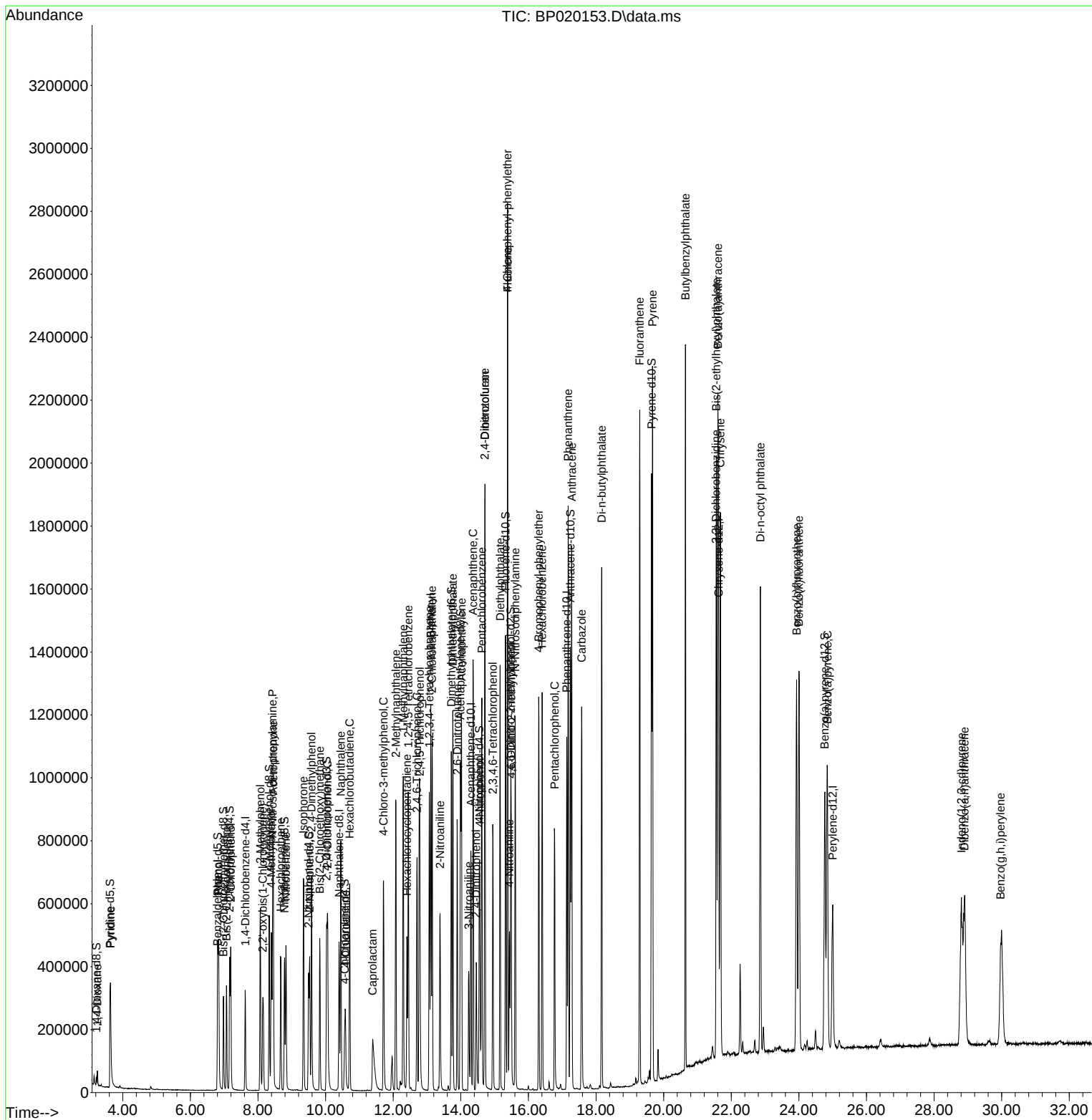
Instrument :
 BNA_P
 ClientSampleId :

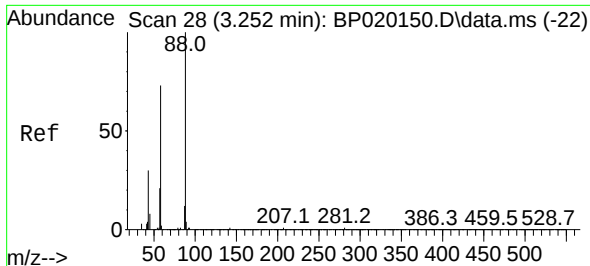
Quant Time: May 03 00:42:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 00:38:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	442639	33.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	275231	32.410	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	139367	30.176	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	176768	33.193	ng/ul	100
42) 2,4,5-Trichlorophenol	12.787	196	200515	34.991	ng/ul	95
43) 1,1'-Biphenyl	13.110	154	617246	32.050	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	494153	32.335	ng/ul	99
45) 2-Nitroaniline	13.387	65	187455	36.980	ng/ul	96
47) Dimethylphthalate	13.763	163	709080	35.304	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	144103	36.091	ng/ul	92
50) Acenaphthylene	14.022	152	829606	33.579	ng/ul	99
51) 3-Nitroaniline	14.239	138	95099	25.536	ng/ul	99
52) Acenaphthene	14.363	153	552146	33.256	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	92038	37.554	ng/ul	96
55) 4-Nitrophenol	14.557	109	125211	39.352	ng/ul	89
56) Dibenzofuran	14.716	168	776183	33.992	ng/ul	100
57) 2,4-Dinitrotoluene	14.710	165	217978	37.972	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	177615	34.516	ng/ul	96
59) Diethylphthalate	15.163	149	735656	36.693	ng/ul	99
61) Fluorene	15.386	166	662012	34.892	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.381	204	357279	35.495	ng/ul	97
63) 4-Nitroaniline	15.439	138	121196	39.052	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.492	198	144597	35.524	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	480460	28.051	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	231395	34.727	ng/ul	94
69) Hexachlorobenzene	16.404	284	267087	34.608	ng/ul	98
71) Pentachlorophenol	16.775	266	155996	33.442	ng/ul	99
72) Phenanthrene	17.175	178	1074313	34.229	ng/ul	99
74) Anthracene	17.280	178	1098417	34.409	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	275201	30.101	ng/uL	95
76) Pentachlorobenzene	14.622	250	290982	31.804	ng/uL	98
77) Carbazole	17.575	167	875437	31.834	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1308538	39.256	ng/ul	100
80) Fluoranthene	19.292	202	1363328	33.286	ng/ul	100
82) Pyrene	19.674	202	1384946	32.498	ng/ul	97
83) Butylbenzylphthalate	20.645	149	604192	37.348	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	20370	1.681	ng/ul#	84
85) Benzo(a)anthracene	21.604	228	1417025	35.090	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	888854	38.086	ng/ul	99
87) Chrysene	21.674	228	1301927	34.785	ng/ul	99
89) Di-n-octyl phthalate	22.862	149	1425534	43.546	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1211573	39.845	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	1202928	38.819	ng/ul	99
93) Benzo(a)pyrene	24.845	252	1078270	37.268	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	928476	26.178	ng/ul	98
95) Dibenzo(a,h)anthracene	28.903	278	912352	31.099	ng/ul	99
96) Benzo(g,h,i)perylene	29.968	276	345243	12.069	ng/ul	98

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

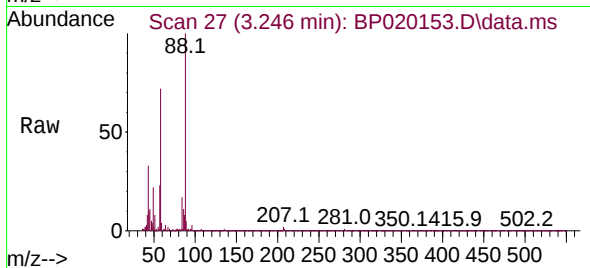
Quant Time: May 03 00:42:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 00:38:56 2024
Response via : Initial Calibration



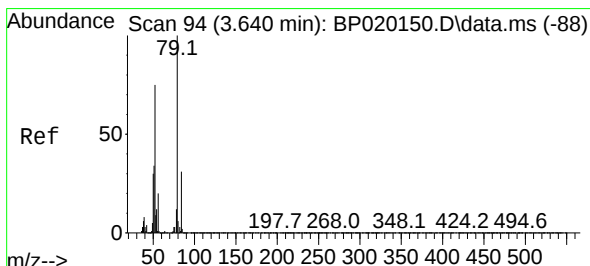
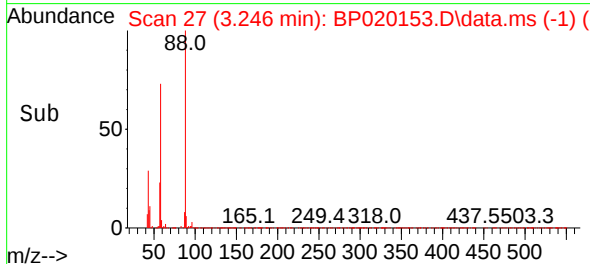
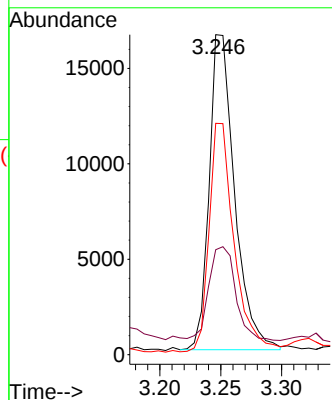


#2
1,4-Dioxane
Concen: 11.224 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Instrument :
BNA_P
ClientSampleId :

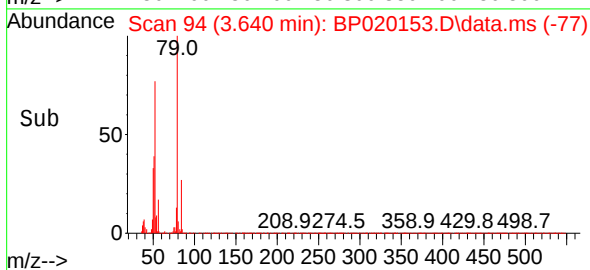
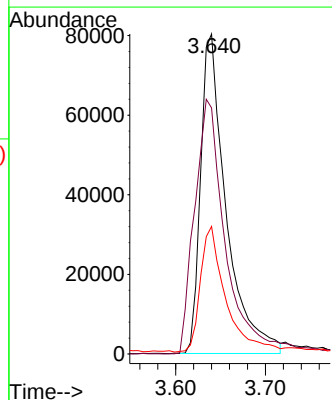
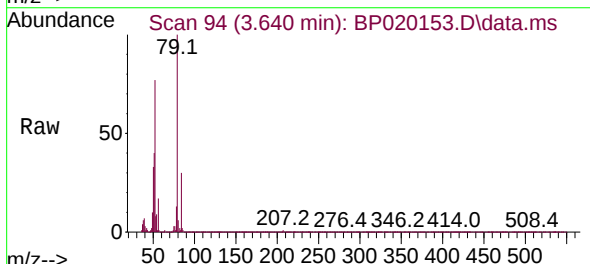


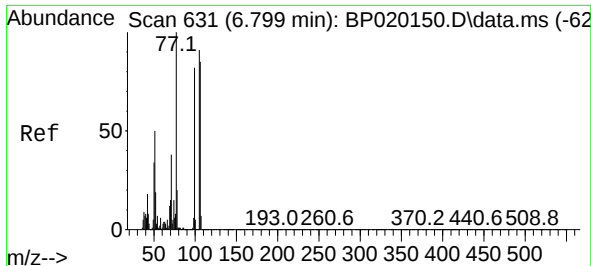
Tgt Ion: 88 Resp: 24027
Ion Ratio Lower Upper
88 100
43 32.8 23.9 35.9
58 72.3 58.2 87.4



#5
Pyridine
Concen: 28.583 ng/uL
RT: 3.640 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

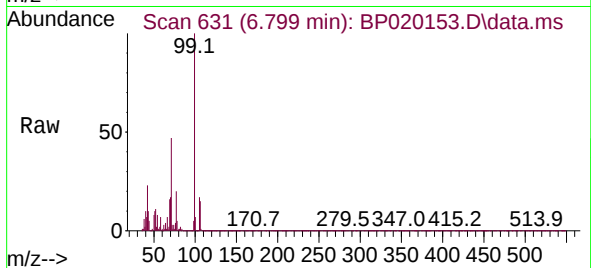
Tgt Ion: 79 Resp: 158471
Ion Ratio Lower Upper
79 100
52 76.9 60.7 91.1
51 39.8 33.1 49.7



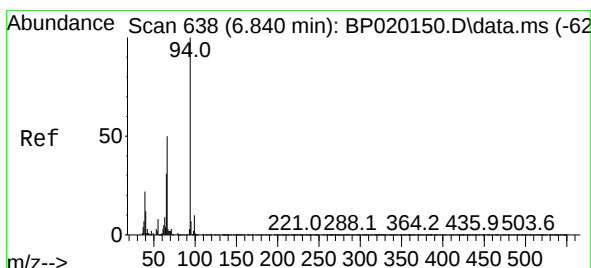
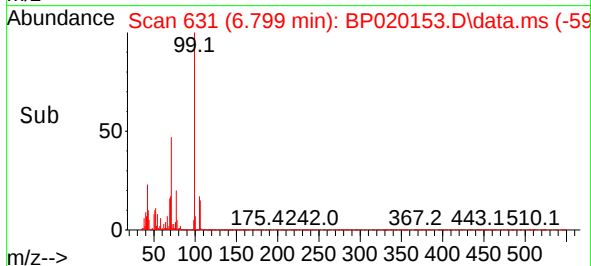
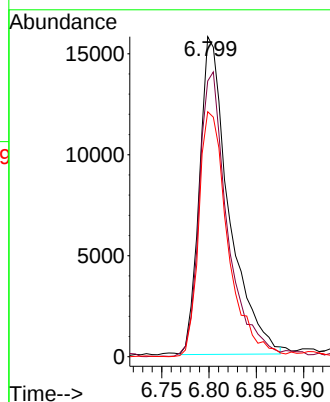


#6
Benzaldehyde
Concen: 9.902 ng/ul
RT: 6.799 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Instrument :
BNA_P
ClientSampleId :

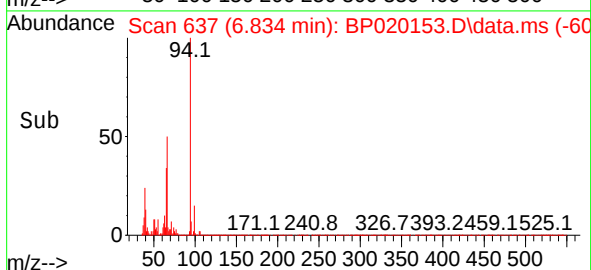
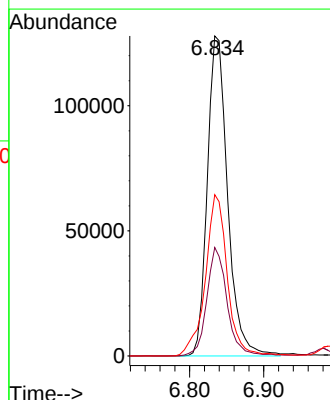
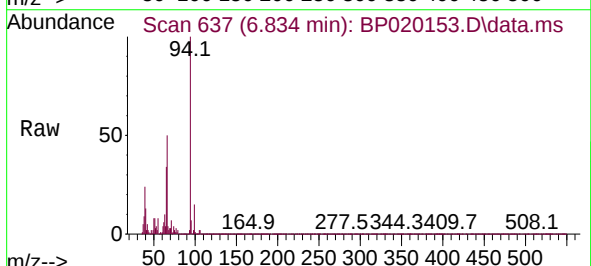


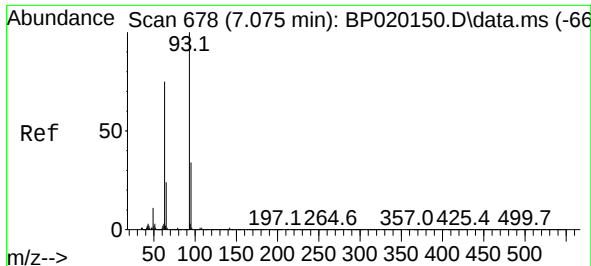
Tgt Ion: 77 Resp: 34056
Ion Ratio Lower Upper
77 100
105 86.1 75.4 113.2
106 76.6 68.2 102.2



#8
Phenol
Concen: 34.484 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

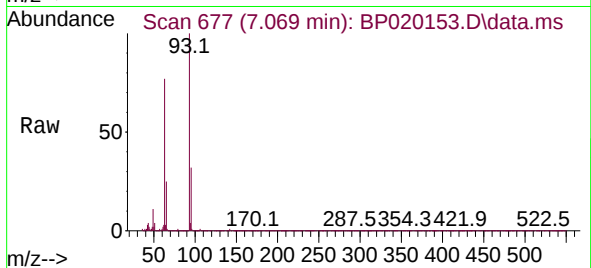
Tgt Ion: 94 Resp: 243526
Ion Ratio Lower Upper
94 100
65 33.9 26.1 39.1
66 50.4 38.6 57.8



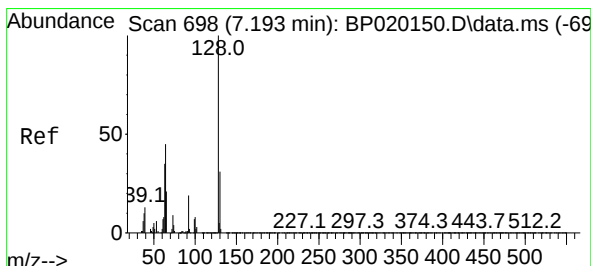
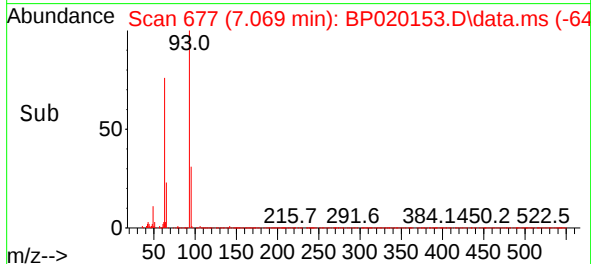
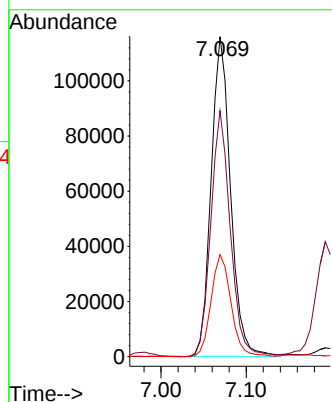


#10
Bis(2-Chloroethyl)ether
Concen: 33.325 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Instrument :
BNA_P
ClientSampleId :

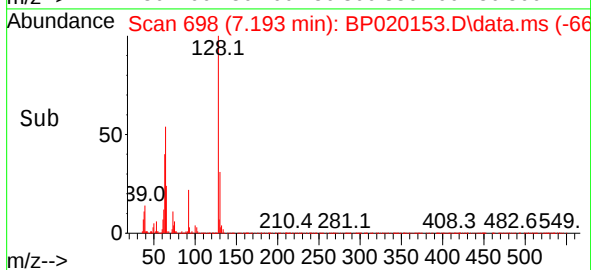
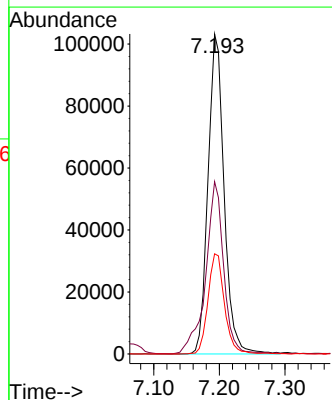
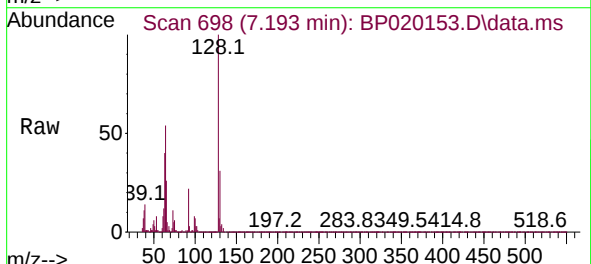


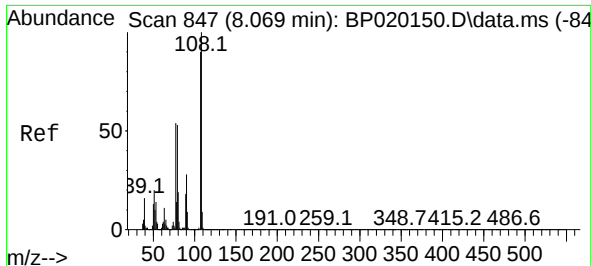
Tgt Ion: 93 Resp: 184153
Ion Ratio Lower Upper
93 100
63 76.9 59.5 89.3
95 31.9 25.3 37.9



#12
2-Chlorophenol
Concen: 34.518 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion: 128 Resp: 176278
Ion Ratio Lower Upper
128 100
64 53.8 43.8 65.6
130 31.3 26.5 39.7





#13

2-Methylphenol

Concen: 34.912 ng/ul

RT: 8.069 min Scan# 847

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

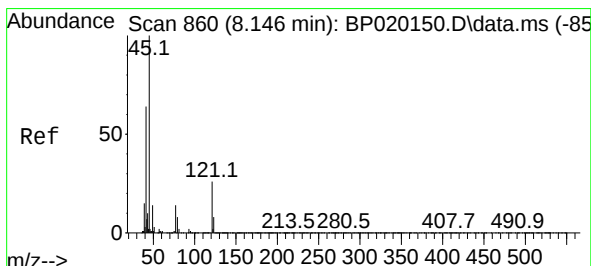
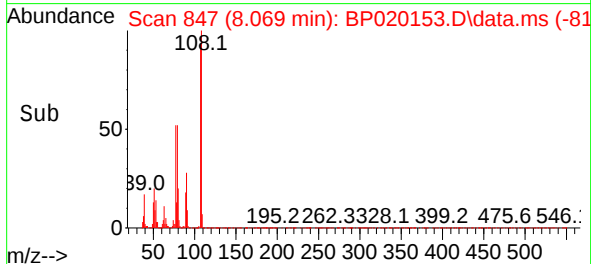
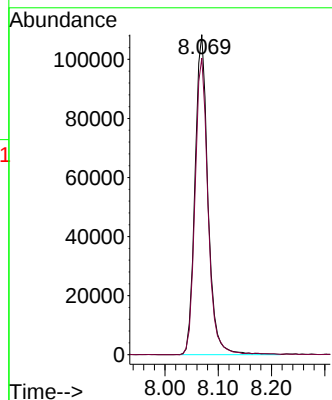
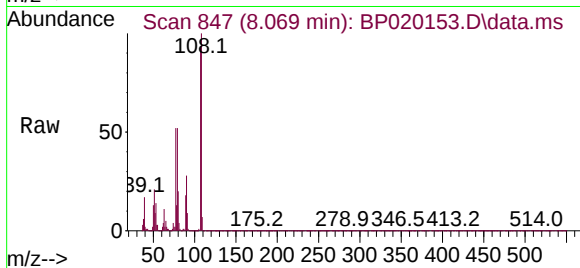
ClientSampleId :

Tgt Ion:108 Resp: 183904

Ion Ratio Lower Upper

108 100

107 92.7 73.0 109.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 34.102 ng/ul

RT: 8.146 min Scan# 860

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

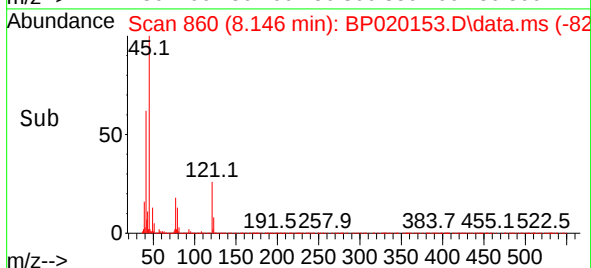
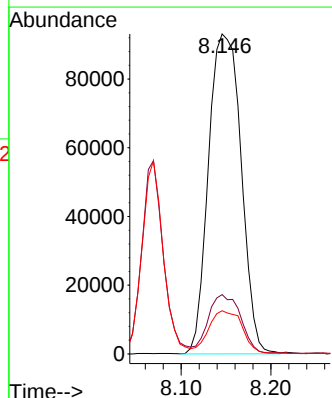
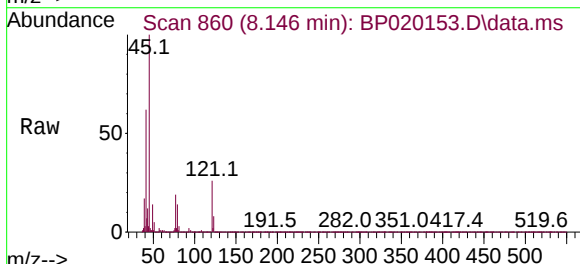
Tgt Ion: 45 Resp: 235076

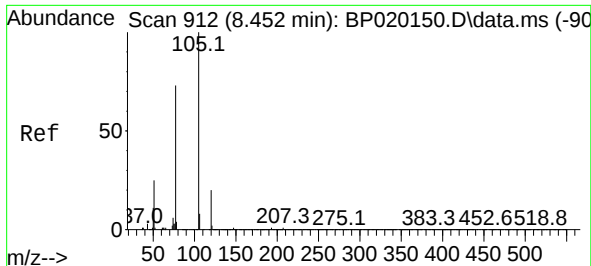
Ion Ratio Lower Upper

45 100

77 18.6 13.8 20.8

79 13.5 10.9 16.3

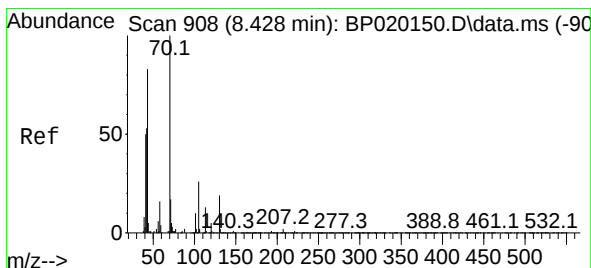
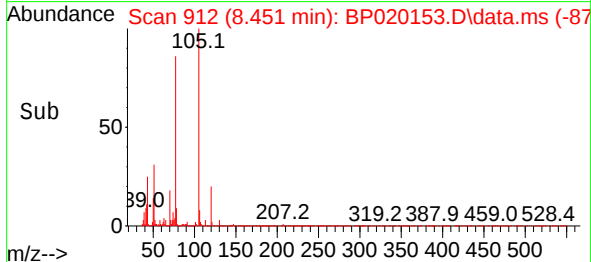
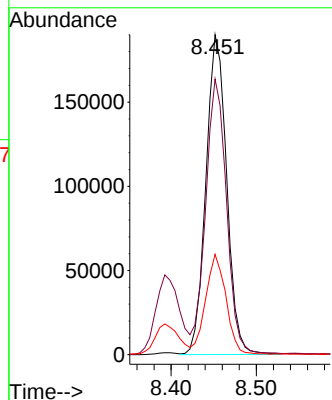
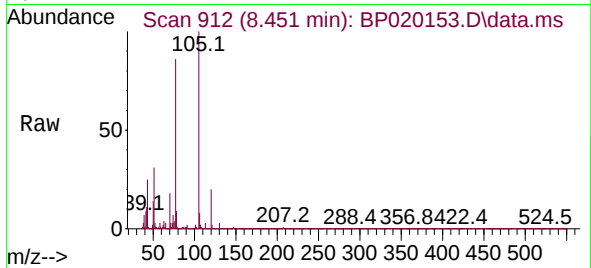




#16
Acetophenone
Concen: 35.005 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

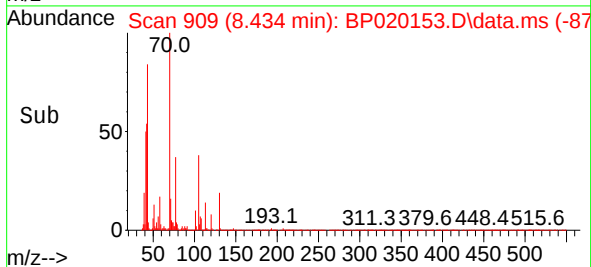
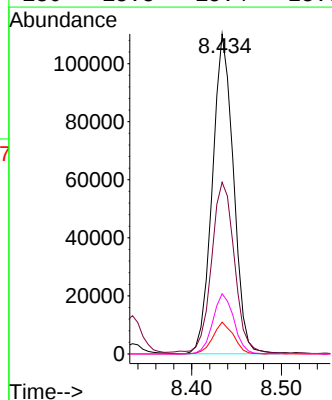
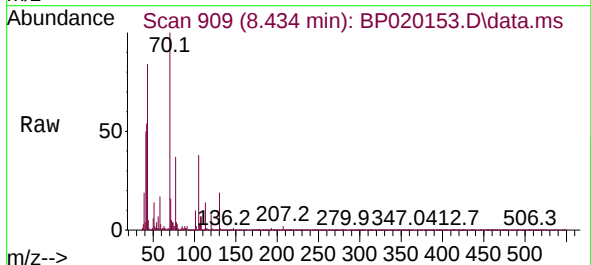
Instrument :
BNA_P
ClientSampleId :

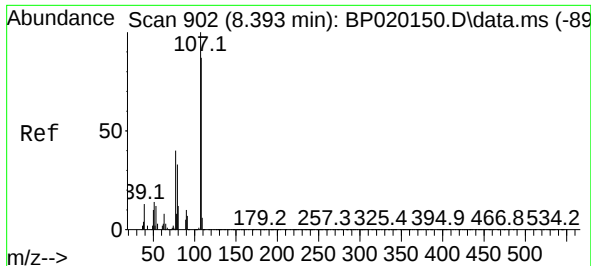
Tgt Ion:105 Resp: 321376
Ion Ratio Lower Upper
105 100
77 86.2 66.4 99.6
51 31.3 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 36.122 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion: 70 Resp: 179965
Ion Ratio Lower Upper
70 100
42 53.6 46.2 69.4
101 10.0 7.8 11.6
130 18.8 15.4 23.0





#18

4-Methylphenol

Concen: 35.295 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

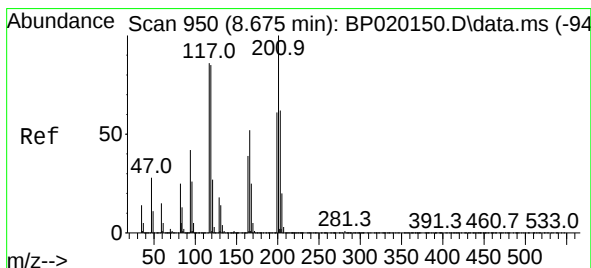
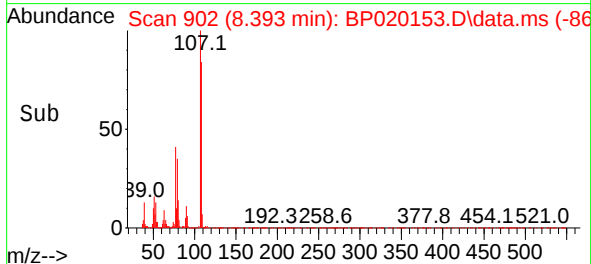
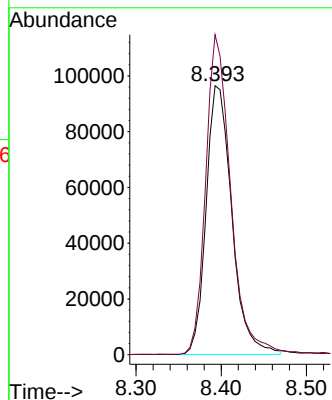
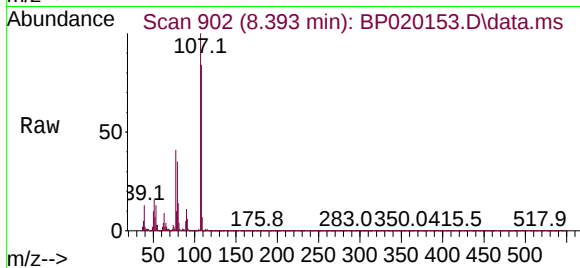
ClientSampleId :

Tgt Ion:108 Resp: 202080

Ion Ratio Lower Upper

108 100

107 119.0 88.2 132.2



#19

Hexachloroethane

Concen: 33.819 ng/ul

RT: 8.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

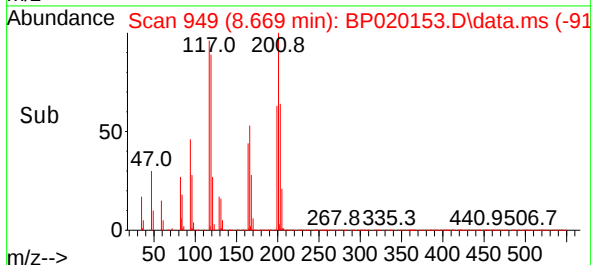
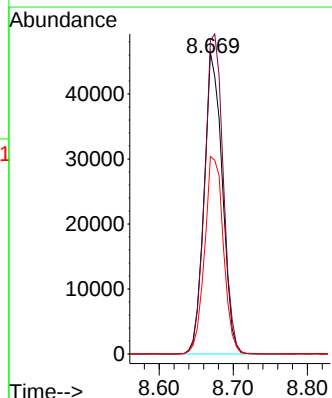
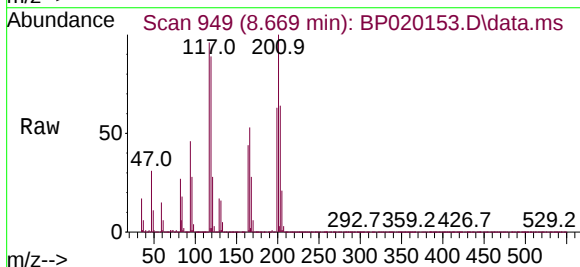
Tgt Ion:117 Resp: 78981

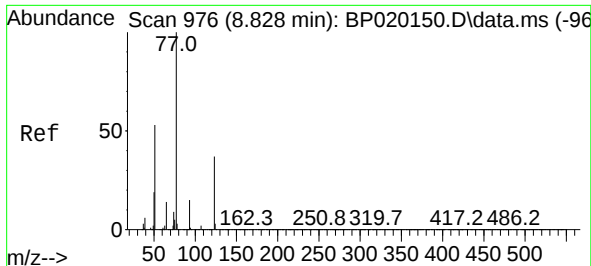
Ion Ratio Lower Upper

117 100

201 104.2 84.0 126.0

199 65.5 53.4 80.2

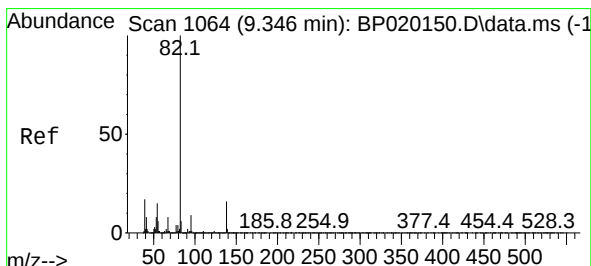
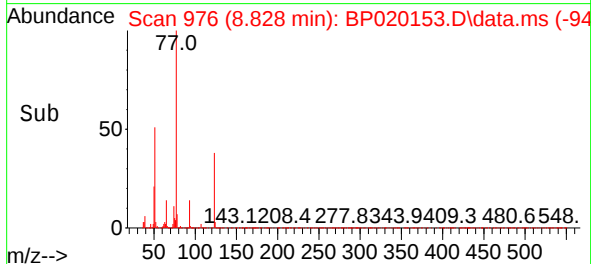
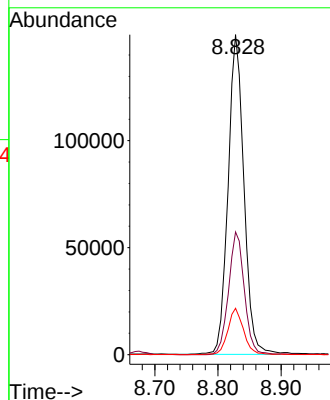
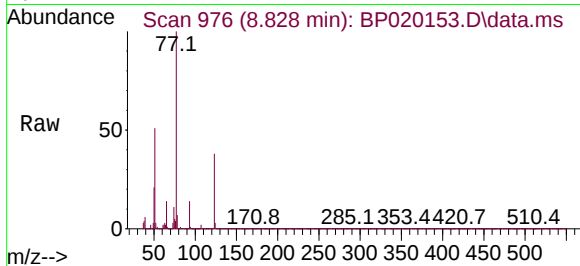




#22
Nitrobenzene
Concen: 33.338 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

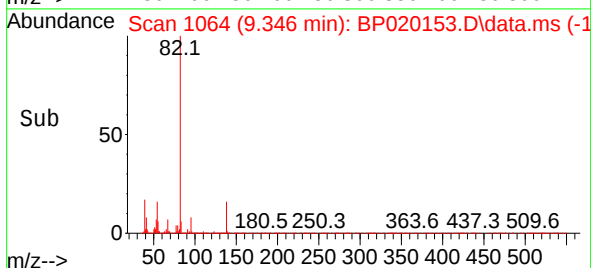
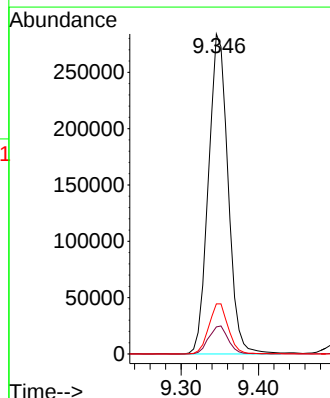
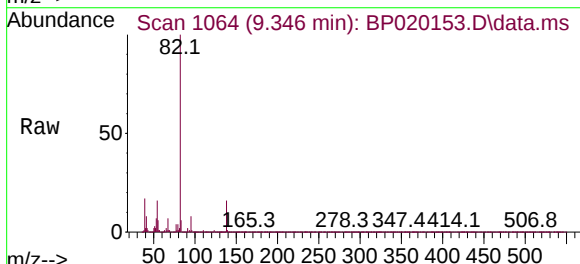
Instrument :
BNA_P
ClientSampleId :

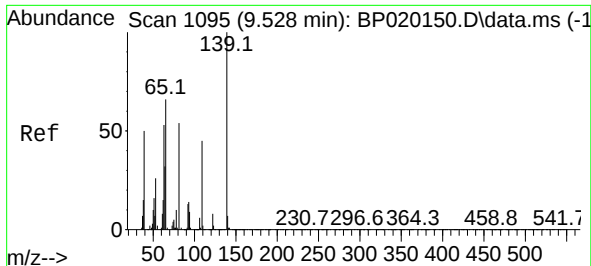
Tgt Ion: 77 Resp: 260437
Ion Ratio Lower Upper
77 100
123 38.3 31.4 47.2
65 14.5 11.4 17.2



#23
Isophorone
Concen: 33.293 ng/ul
RT: 9.346 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion: 82 Resp: 500115
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 15.7 12.9 19.3





#25

2-Nitrophenol

Concen: 34.651 ng/ul

RT: 9.528 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

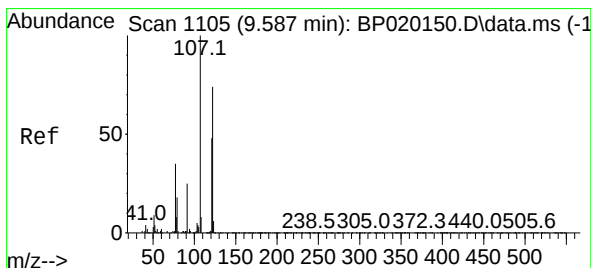
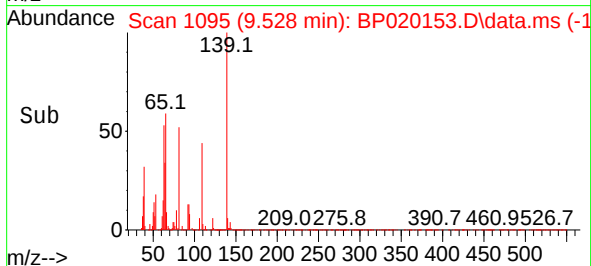
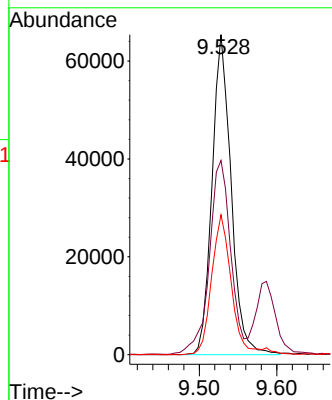
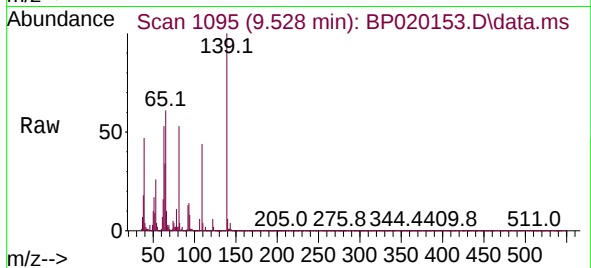
Tgt Ion:139 Resp: 111850

Ion Ratio Lower Upper

139 100

65 60.7 53.8 80.6

109 43.7 35.3 52.9



#26

2,4-Dimethylphenol

Concen: 33.746 ng/ul

RT: 9.587 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

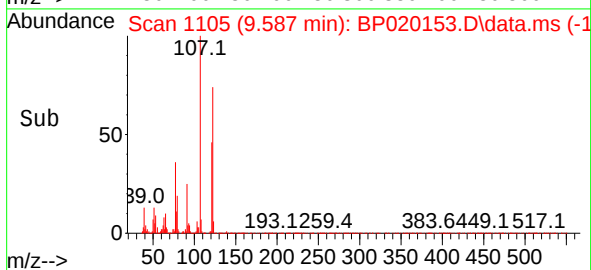
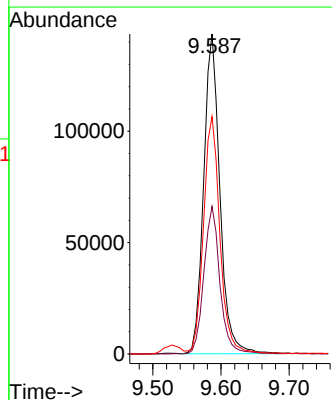
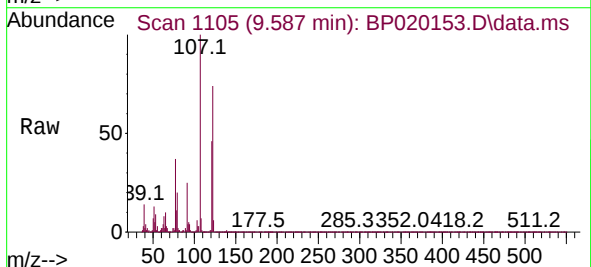
Tgt Ion:107 Resp: 237654

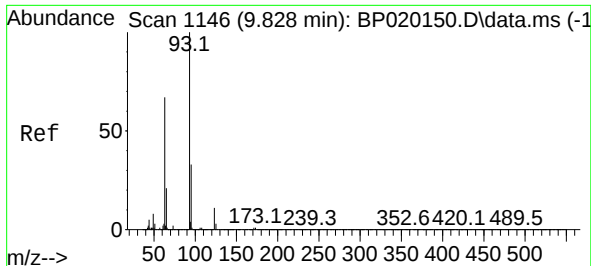
Ion Ratio Lower Upper

107 100

121 46.1 36.0 54.0

122 74.1 59.4 89.2

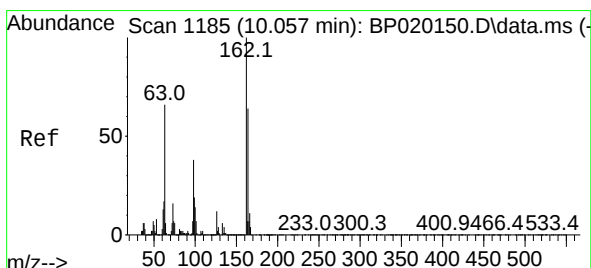
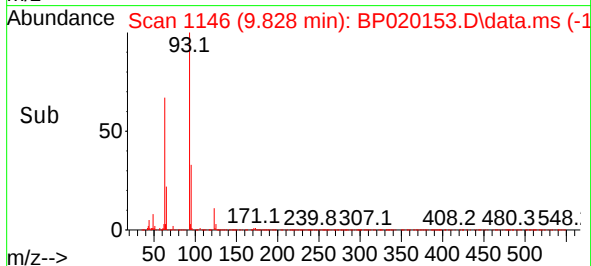
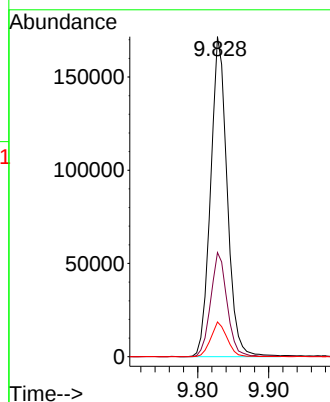
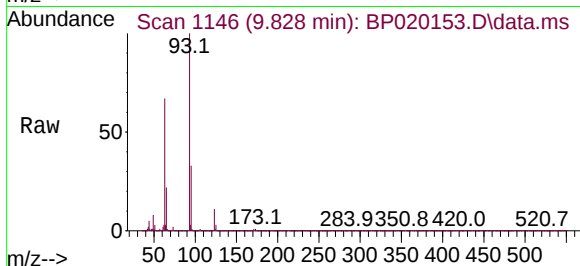




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.388 ng/ul
 RT: 9.828 min Scan# 1146
 Delta R.T. -0.000 min
 Lab File: BP020153.D
 Acq: 02 May 2024 19:57

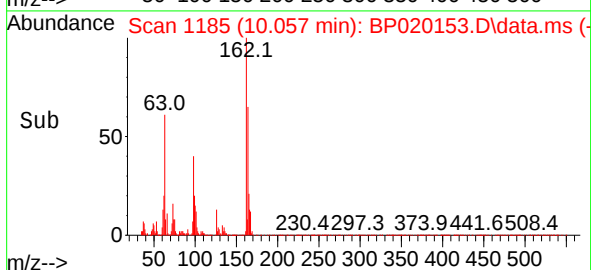
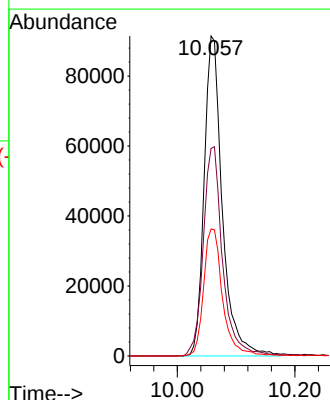
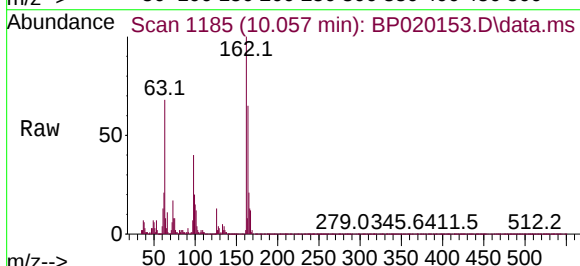
Instrument :
 BNA_P
 ClientSampleId :

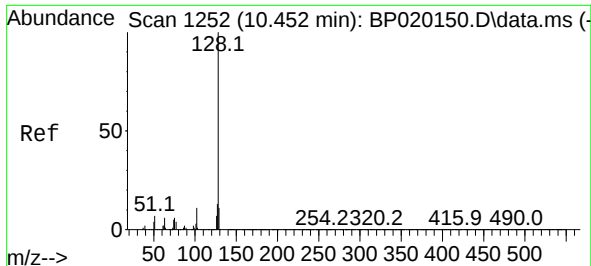
Tgt Ion: 93	Resp: 278044
Ion Ratio	Lower Upper
93 100	
95 32.5	25.6 38.4
123 10.9	8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 35.525 ng/ul
 RT: 10.057 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: BP020153.D
 Acq: 02 May 2024 19:57

Tgt Ion:162	Resp: 196505
Ion Ratio	Lower Upper
162 100	
164 64.9	53.1 79.7
98 39.7	31.4 47.2





#30

Naphthalene

Concen: 32.486 ng/ul

RT: 10.451 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

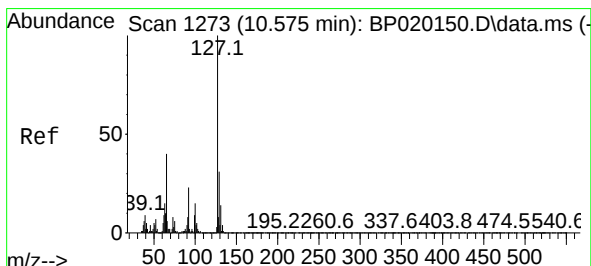
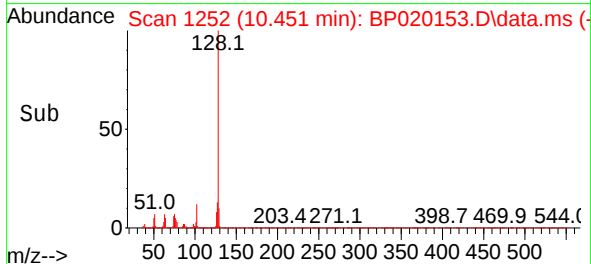
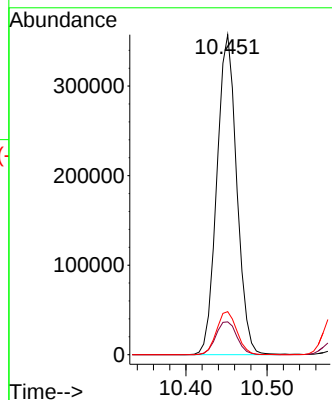
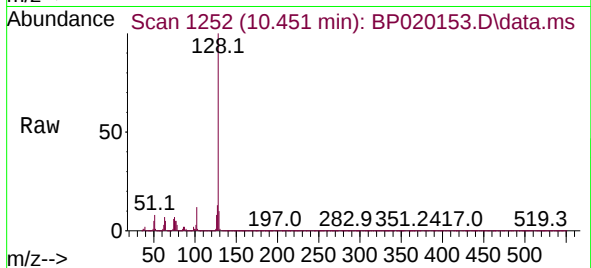
Tgt Ion:128 Resp: 608503

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 13.4 10.6 16.0



#32

4-Chloroaniline

Concen: 15.222 ng/ul

RT: 10.587 min Scan# 1275

Delta R.T. 0.012 min

Lab File: BP020153.D

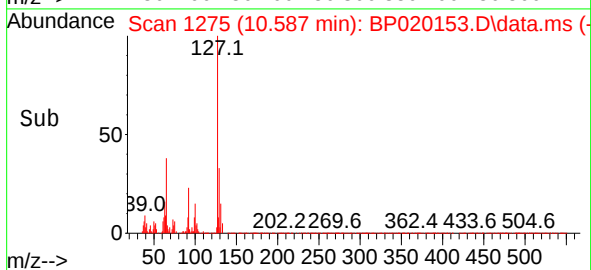
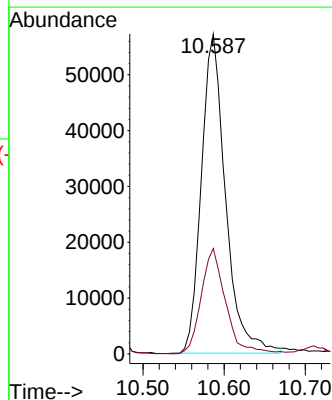
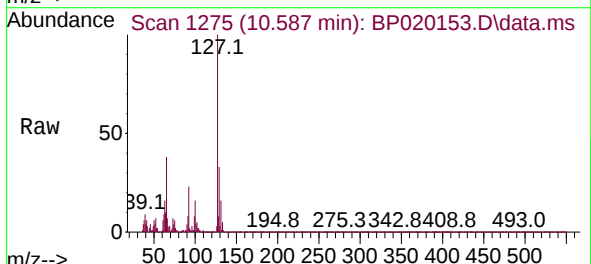
Acq: 02 May 2024 19:57

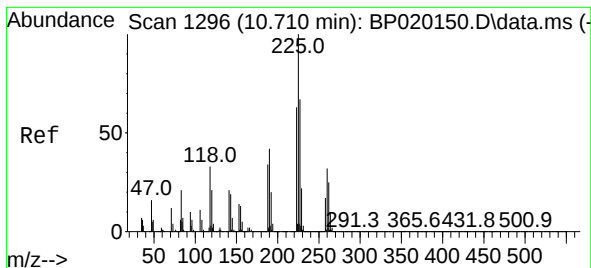
Tgt Ion:127 Resp: 118473

Ion Ratio Lower Upper

127 100

129 33.0 24.8 37.2





#33

Hexachlorobutadiene

Concen: 33.109 ng/ul

RT: 10.710 min Scan# 1296

Delta R.T. -0.000 min

Lab File: BP020153.D

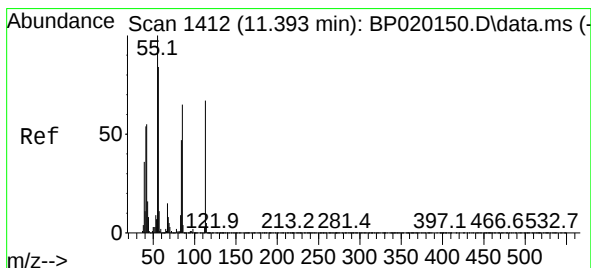
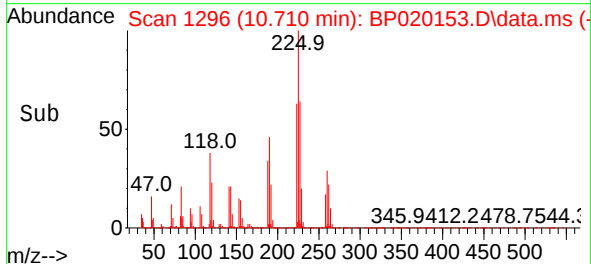
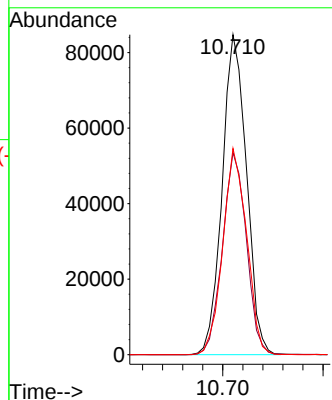
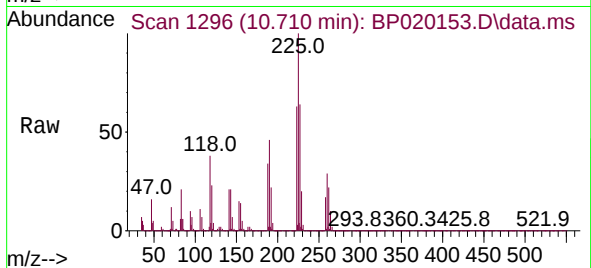
Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	225	Resp:	142249
Ion Ratio	Lower	Upper	
225	100		
223	63.1	53.2	79.8
227	64.4	51.4	77.0



#34

Caprolactam

Concen: 36.605 ng/ul

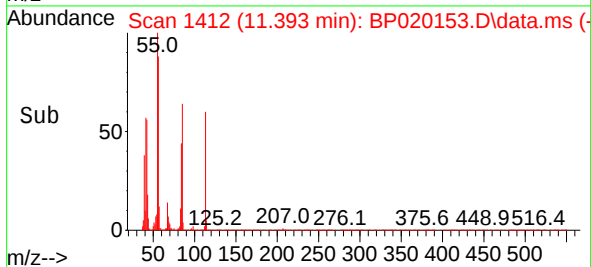
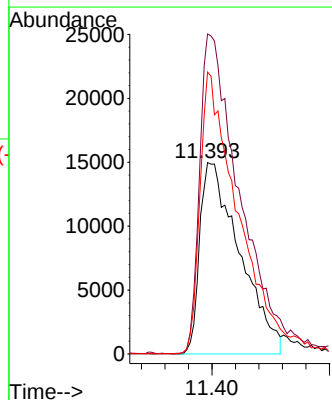
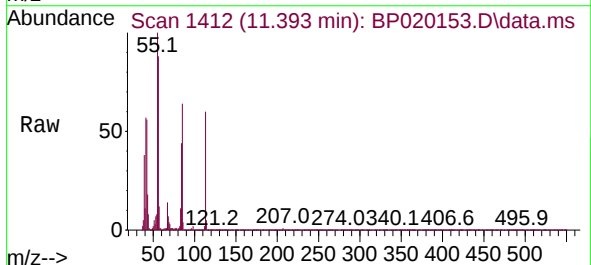
RT: 11.393 min Scan# 1412

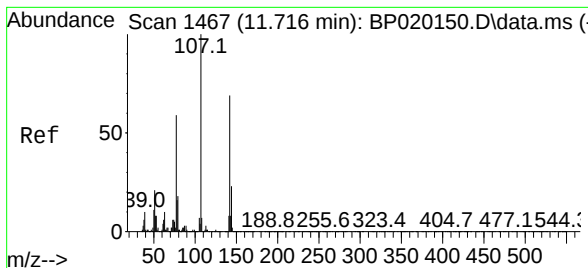
Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Tgt Ion:	113	Resp:	70699
Ion Ratio	Lower	Upper	
113	100		
55	167.3	131.0	196.6
56	147.4	105.4	158.2

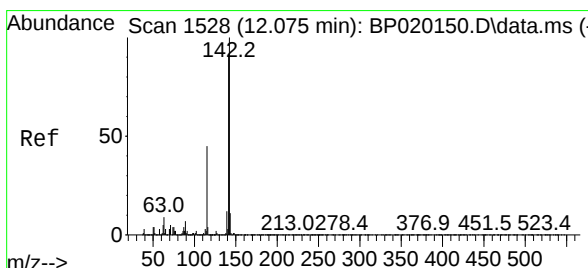
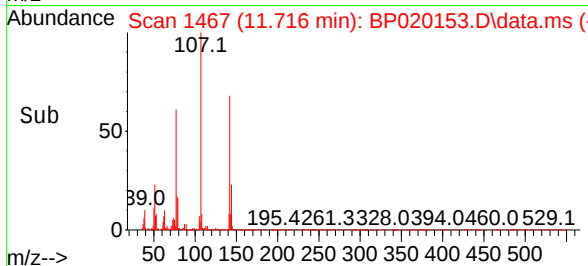
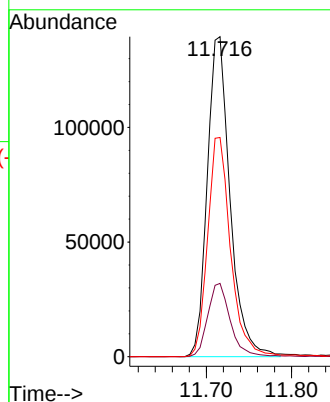
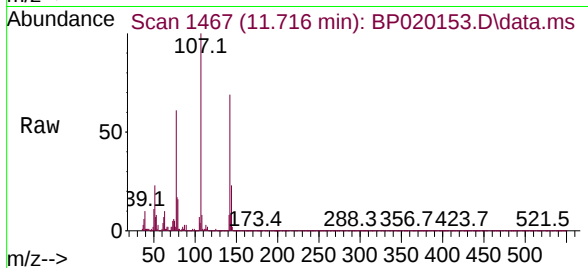




#35
4-Chloro-3-methylphenol
Concen: 37.697 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

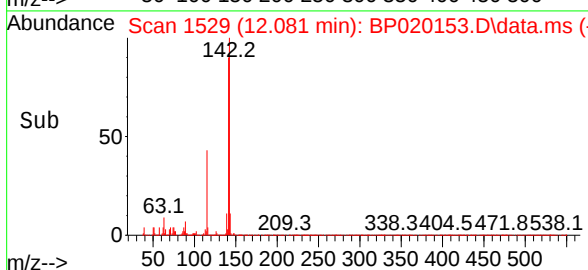
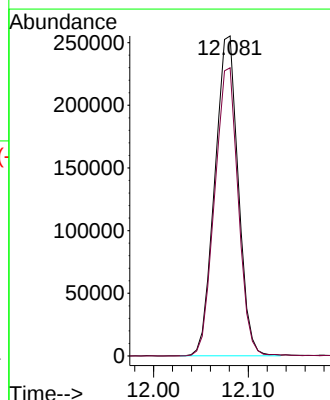
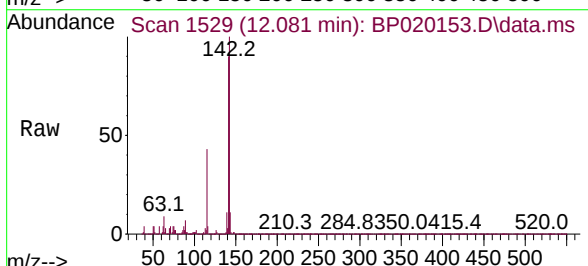
Instrument :
BNA_P
ClientSampleId :

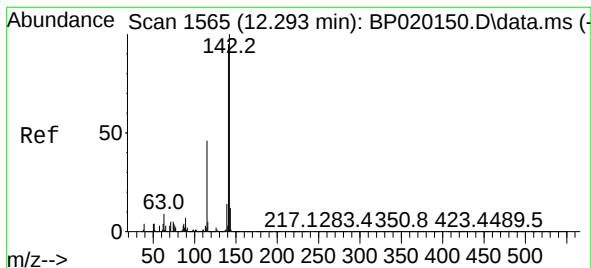
Tgt Ion:107 Resp: 259625
Ion Ratio Lower Upper
107 100
144 22.9 18.3 27.5
142 68.5 56.6 84.8



#36
2-Methylnaphthalene
Concen: 33.767 ng/ul
RT: 12.081 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion:142 Resp: 440079
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#37

1-Methylnaphthalene

Concen: 33.750 ng/ul

RT: 12.298 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

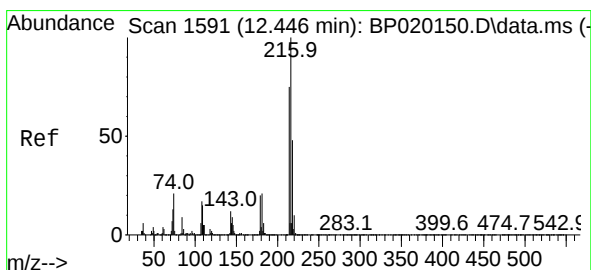
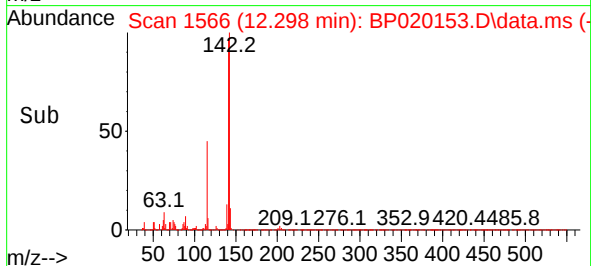
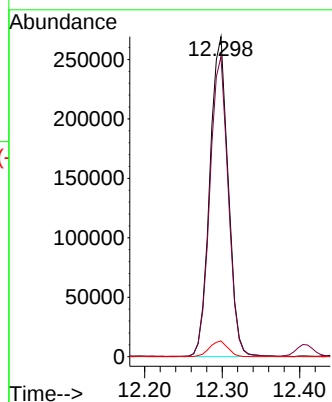
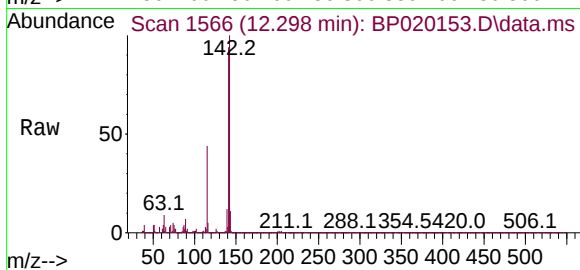
Tgt Ion:142 Resp: 442639

Ion Ratio Lower Upper

142 100

141 93.8 75.5 113.3

116 4.9 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.410 ng/ul

RT: 12.445 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Tgt Ion:216 Resp: 275231

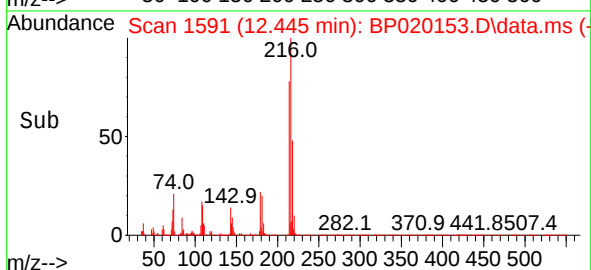
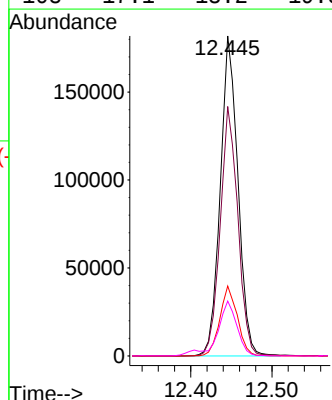
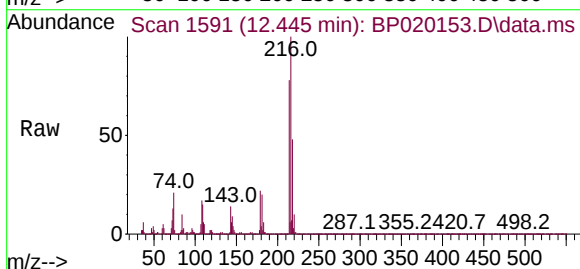
Ion Ratio Lower Upper

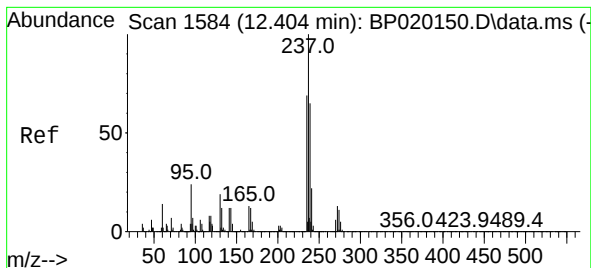
216 100

214 77.9 61.3 91.9

179 21.9 16.9 25.3

108 17.1 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 30.176 ng/ul

RT: 12.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

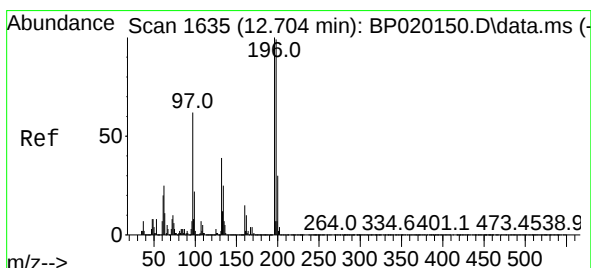
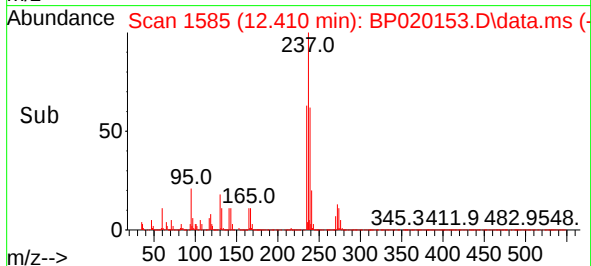
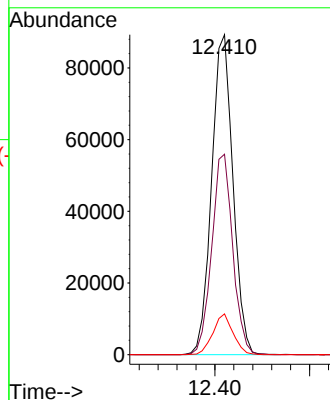
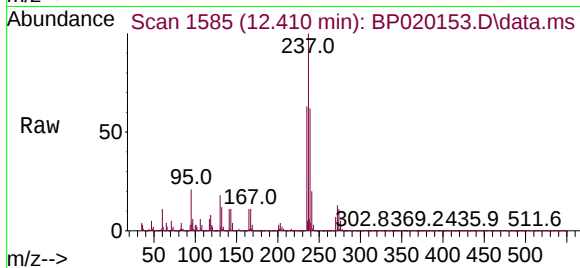
Tgt Ion:237 Resp: 139367

Ion Ratio Lower Upper

237 100

235 62.7 52.4 78.6

272 12.7 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 33.193 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

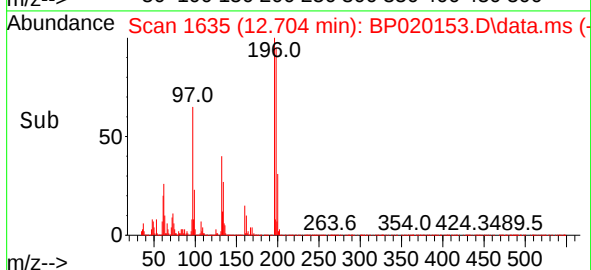
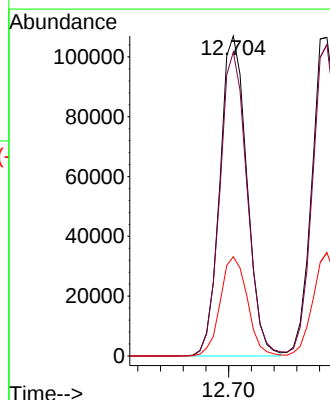
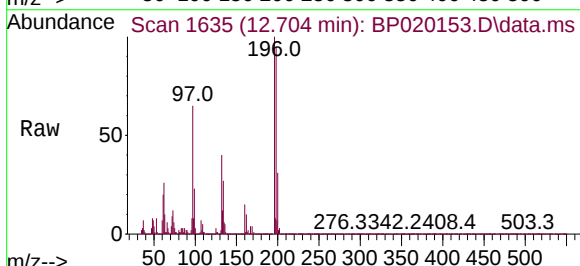
Tgt Ion:196 Resp: 176768

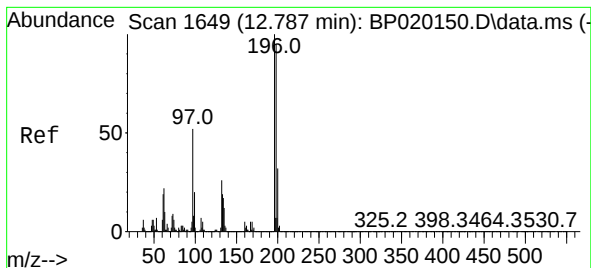
Ion Ratio Lower Upper

196 100

198 95.0 75.8 113.8

200 31.0 24.8 37.2





#42

2,4,5-Trichlorophenol

Concen: 34.991 ng/ul

RT: 12.787 min Scan# 1

Delta R.T. -0.000 min

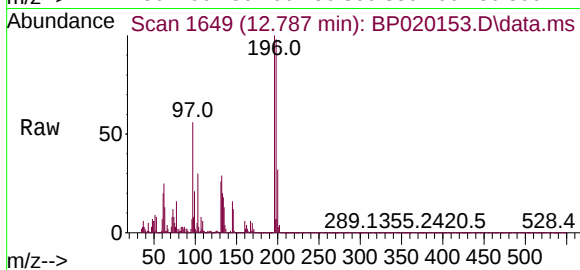
Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :



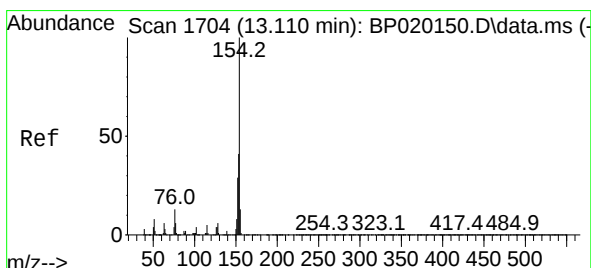
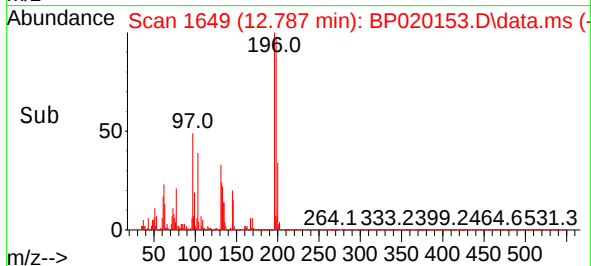
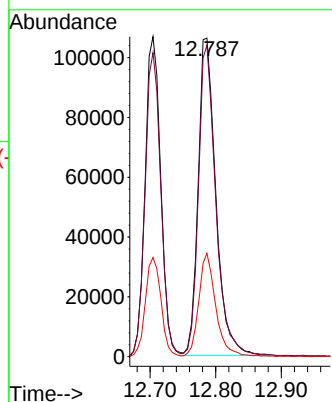
Tgt Ion:196 Resp: 200515

Ion Ratio Lower Upper

196 100

198 97.7 73.5 110.3

200 32.4 24.4 36.6



#43

1,1'-Biphenyl

Concen: 32.050 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

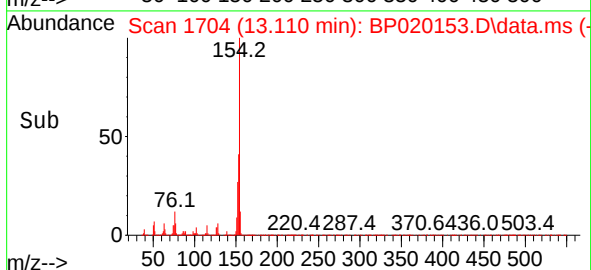
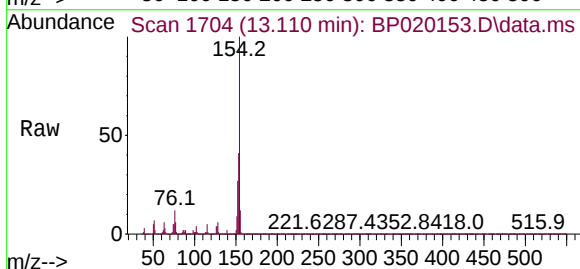
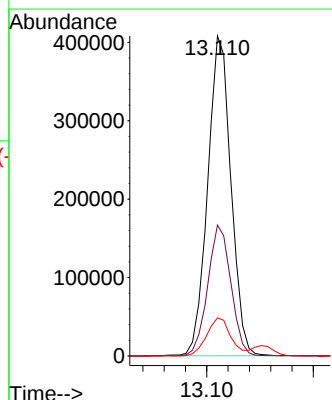
Tgt Ion:154 Resp: 617246

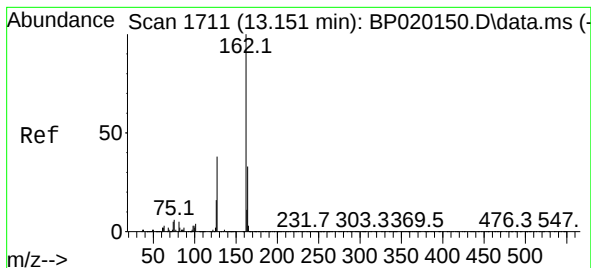
Ion Ratio Lower Upper

154 100

153 40.9 33.1 49.7

76 11.9 9.7 14.5





#44

2-Chloronaphthalene

Concen: 32.335 ng/ul

RT: 13.151 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

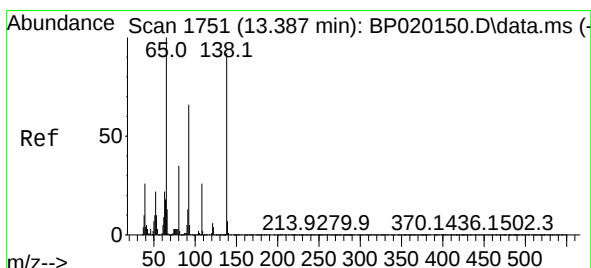
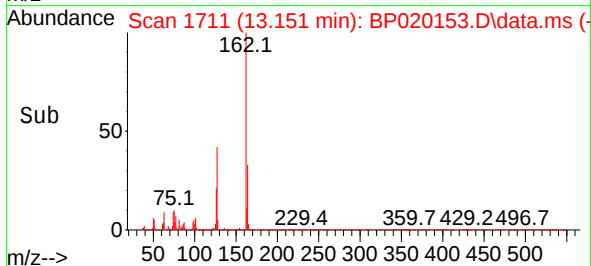
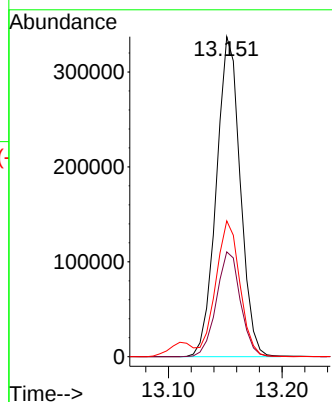
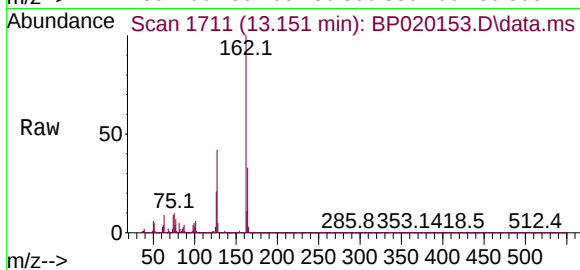
Tgt Ion:162 Resp: 494153

Ion Ratio Lower Upper

162 100

164 32.8 26.1 39.1

127 42.5 33.6 50.4



#45

2-Nitroaniline

Concen: 36.980 ng/ul

RT: 13.387 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

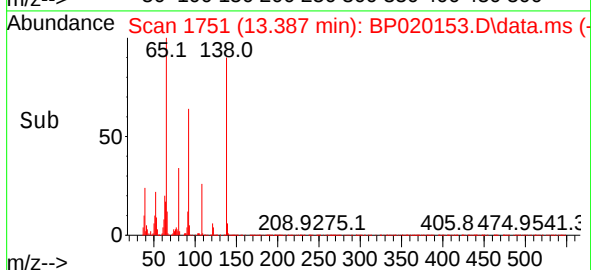
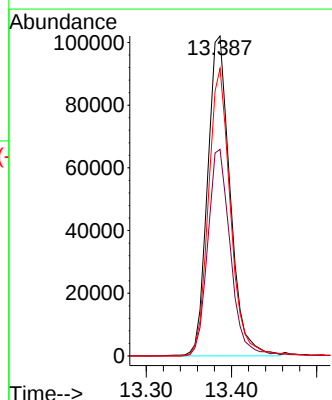
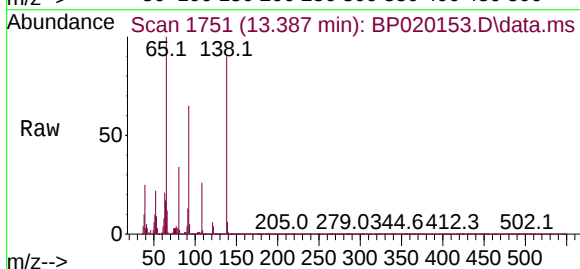
Tgt Ion: 65 Resp: 187455

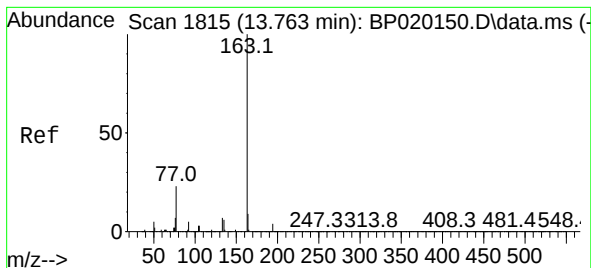
Ion Ratio Lower Upper

65 100

92 64.5 55.6 83.4

138 89.8 73.1 109.7





#47

Dimethylphthalate

Concen: 35.304 ng/ul

RT: 13.763 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

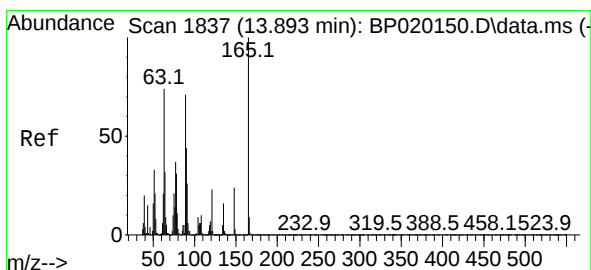
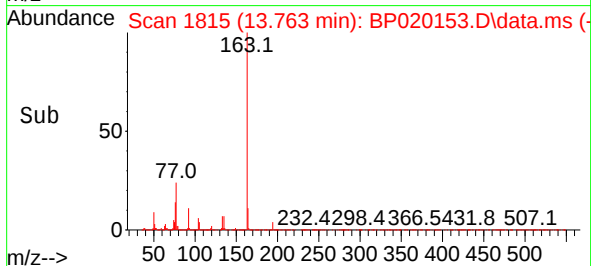
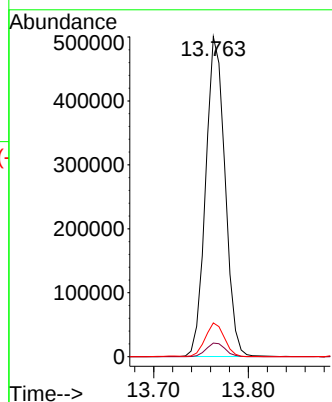
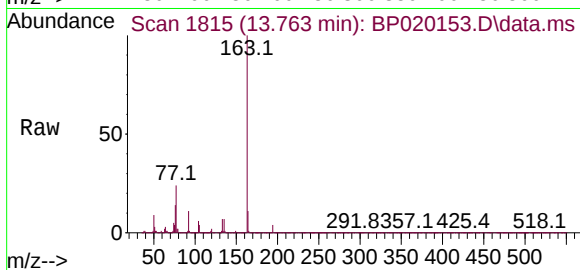
Tgt Ion:163 Resp: 709080

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.6 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 36.091 ng/ul

RT: 13.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

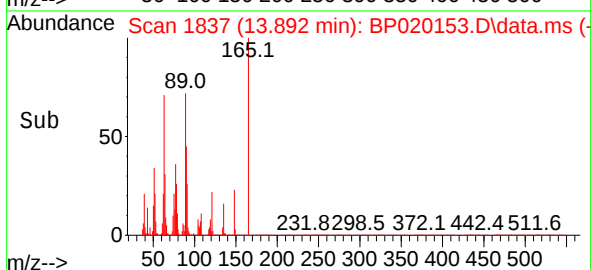
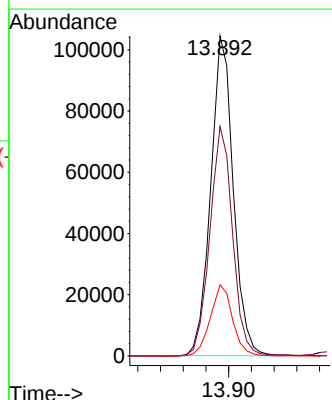
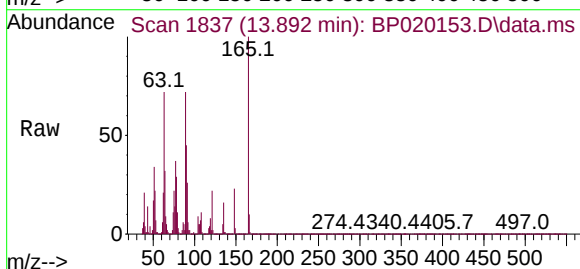
Tgt Ion:165 Resp: 144103

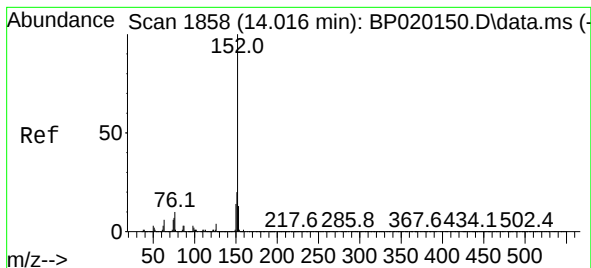
Ion Ratio Lower Upper

165 100

89 71.7 51.0 76.6

121 22.2 18.5 27.7





#50

Acenaphthylene

Concen: 33.579 ng/ul

RT: 14.022 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

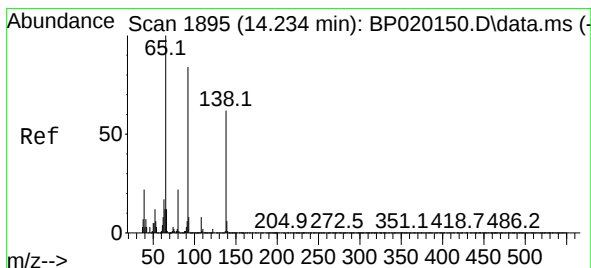
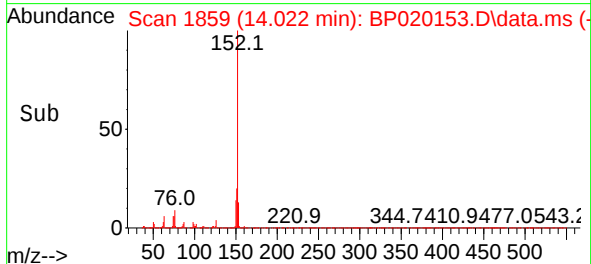
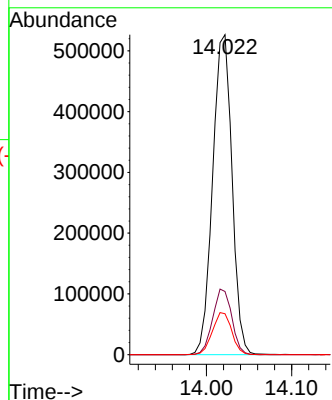
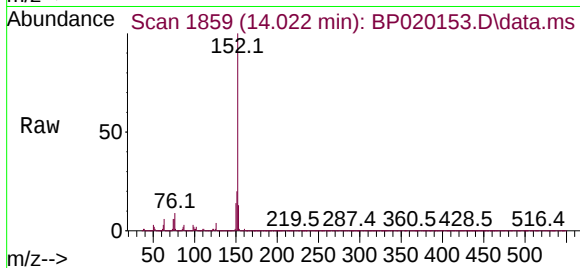
Tgt Ion:152 Resp: 829606

Ion Ratio Lower Upper

152 100

151 19.7 16.5 24.7

153 12.8 10.3 15.5



#51

3-Nitroaniline

Concen: 25.536 ng/ul

RT: 14.239 min Scan# 1896

Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

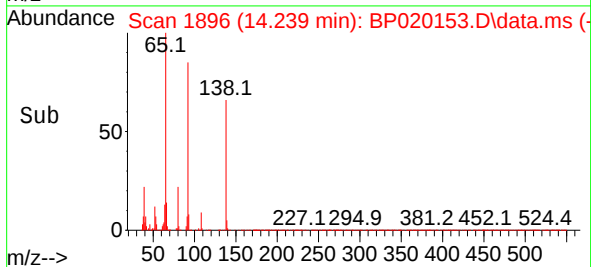
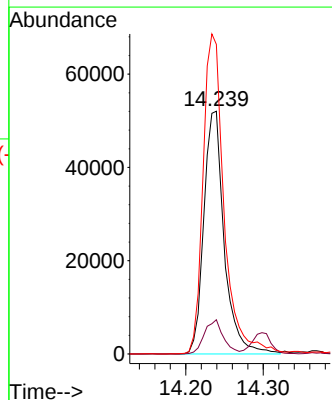
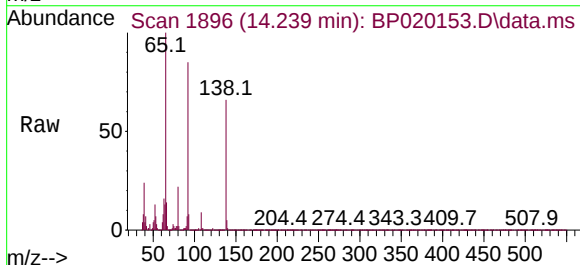
Tgt Ion:138 Resp: 95099

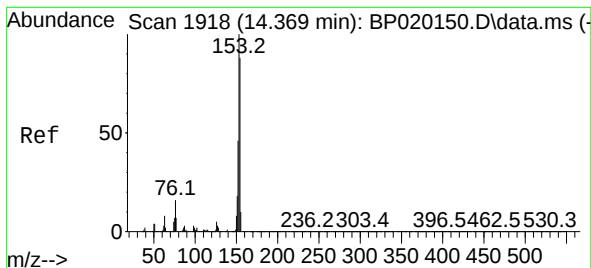
Ion Ratio Lower Upper

138 100

108 14.1 10.8 16.2

92 127.6 103.3 154.9





#52

Acenaphthene

Concen: 33.256 ng/ul

RT: 14.363 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

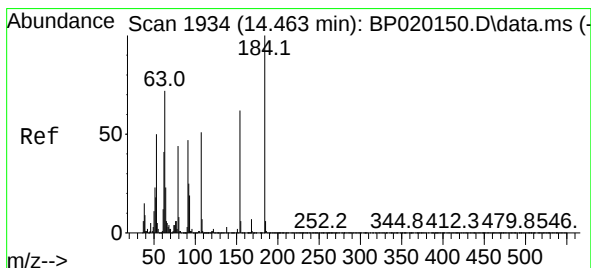
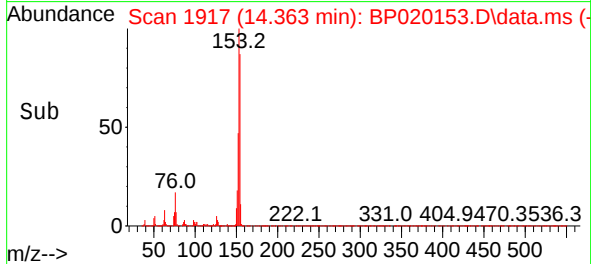
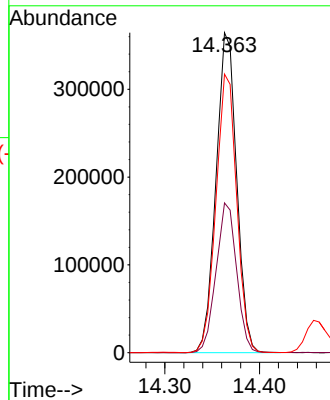
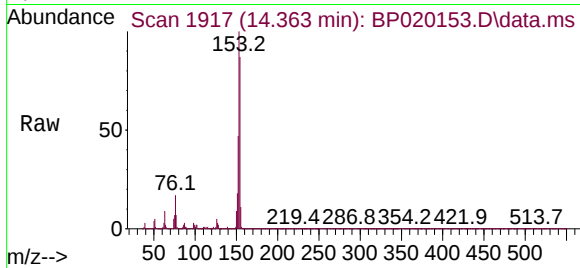
Tgt Ion:153 Resp: 552146

Ion Ratio Lower Upper

153 100

152 46.8 37.4 56.2

154 87.1 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 37.554 ng/ul

RT: 14.457 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

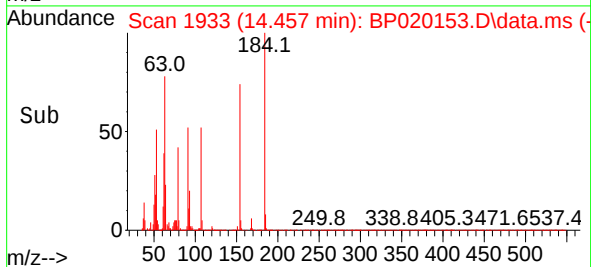
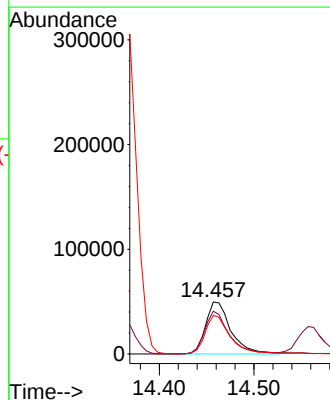
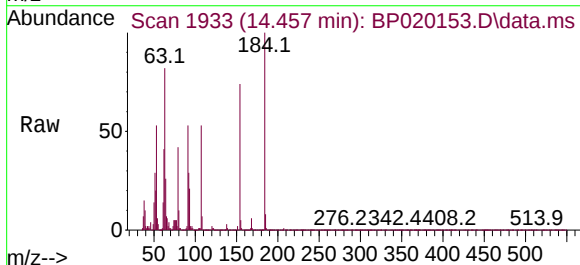
Tgt Ion:184 Resp: 92038

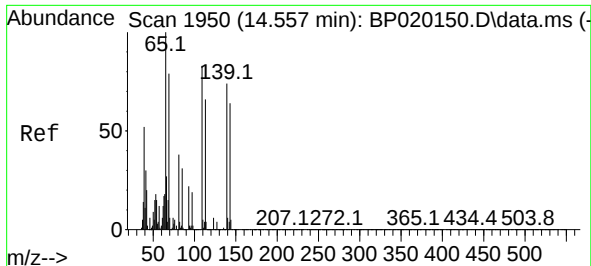
Ion Ratio Lower Upper

184 100

63 82.0 65.6 98.4

154 74.1 53.8 80.8





#55

4-Nitrophenol

Concen: 39.352 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

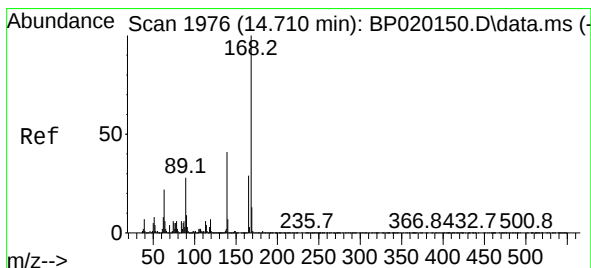
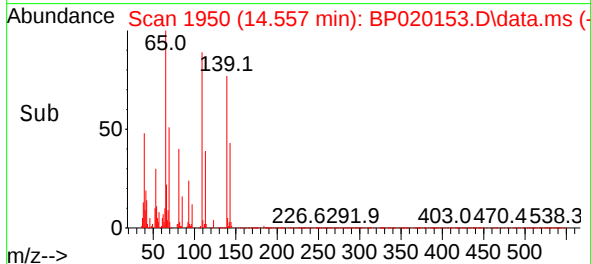
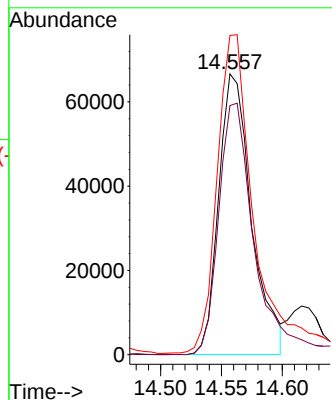
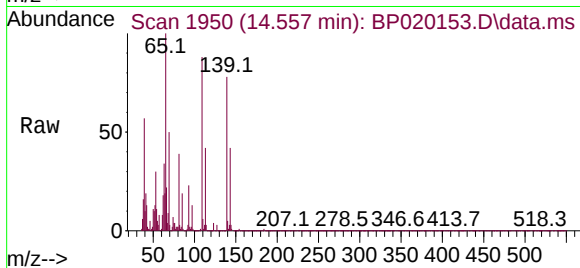
Tgt Ion:109 Resp: 125211

Ion Ratio Lower Upper

109 100

139 88.7 78.4 117.6

65 113.7 101.8 152.6



#56

Dibenzofuran

Concen: 33.992 ng/ul

RT: 14.716 min Scan# 1977

Delta R.T. 0.006 min

Lab File: BP020153.D

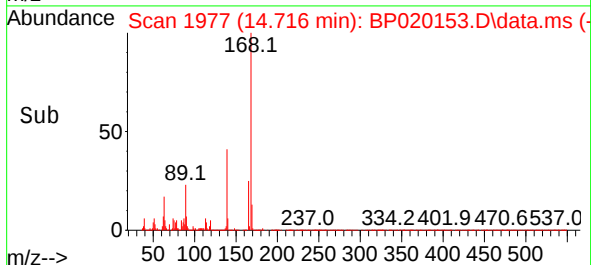
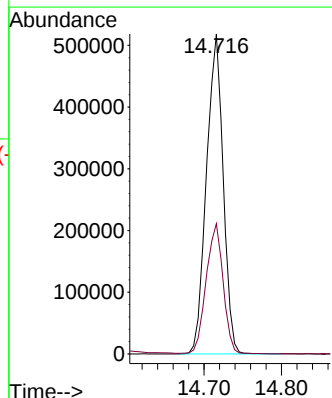
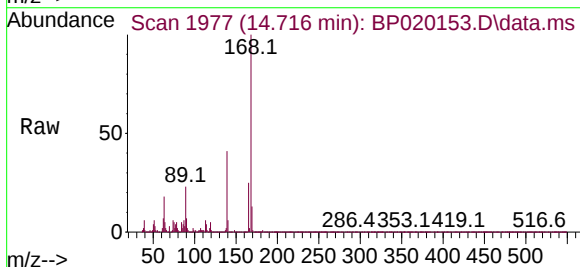
Acq: 02 May 2024 19:57

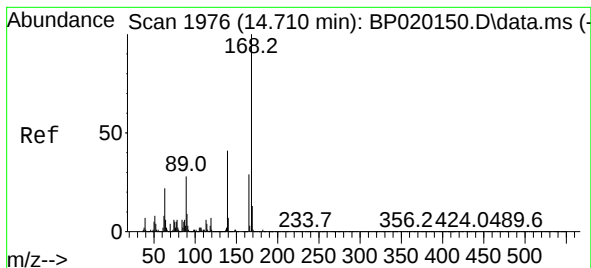
Tgt Ion:168 Resp: 776183

Ion Ratio Lower Upper

168 100

139 40.7 32.7 49.1





#57

2,4-Dinitrotoluene

Concen: 37.972 ng/ul

RT: 14.710 min Scan# 1976

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

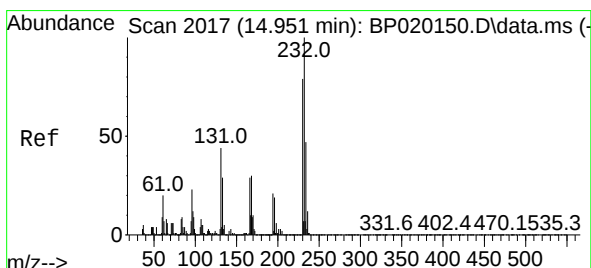
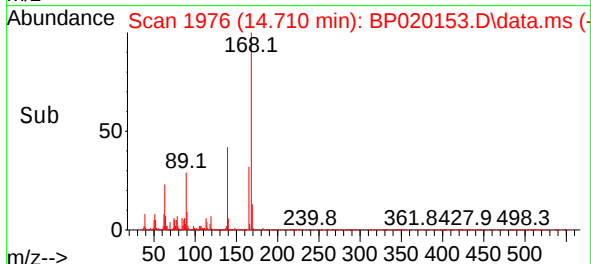
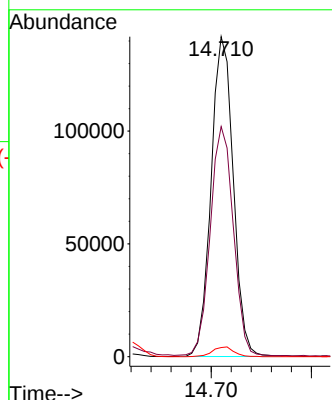
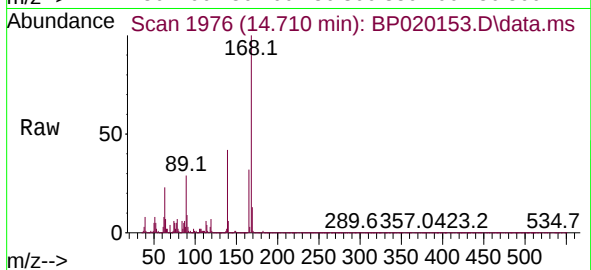
Tgt Ion:165 Resp: 217978

Ion Ratio Lower Upper

165 100

63 71.9 59.7 89.5

182 2.9 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.516 ng/ul

RT: 14.951 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Tgt Ion:232 Resp: 177615

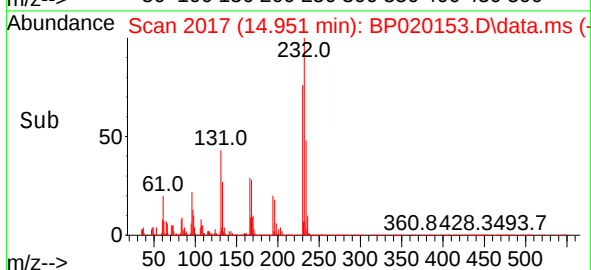
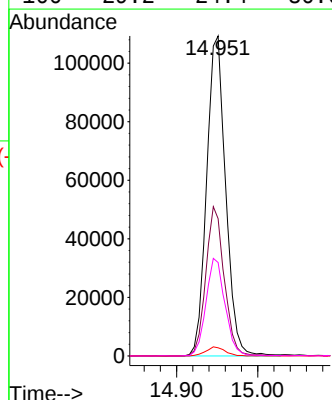
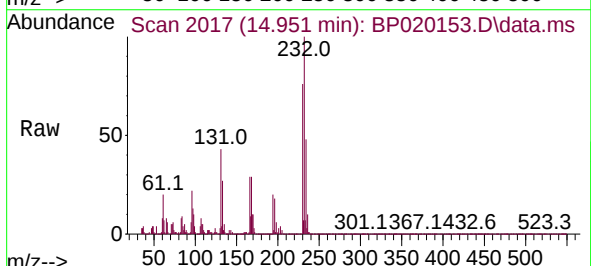
Ion Ratio Lower Upper

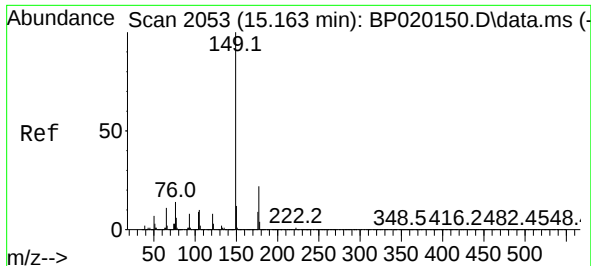
232 100

131 42.9 36.7 55.1

130 2.5 1.9 2.9

166 29.2 24.4 36.6





#59

Diethylphthalate

Concen: 36.693 ng/ul

RT: 15.163 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BP020153.D

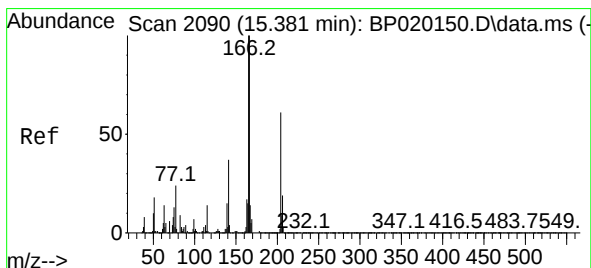
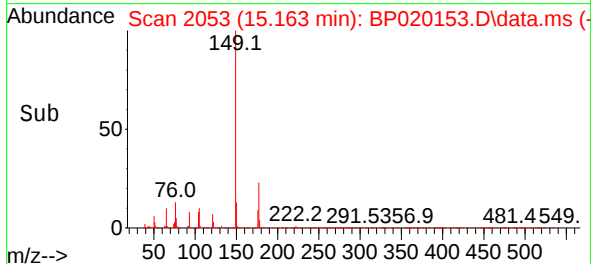
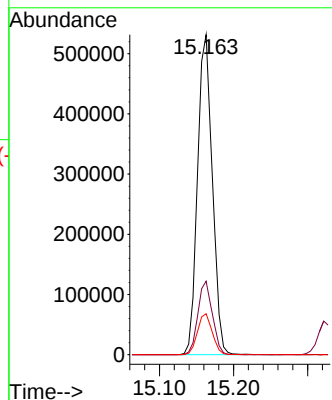
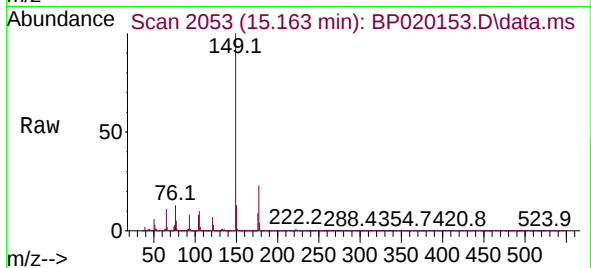
Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149	Resp: 735656
Ion Ratio	Lower Upper
149	100
177	22.9 17.9 26.9
150	12.8 10.2 15.2



#61

Fluorene

Concen: 34.892 ng/ul

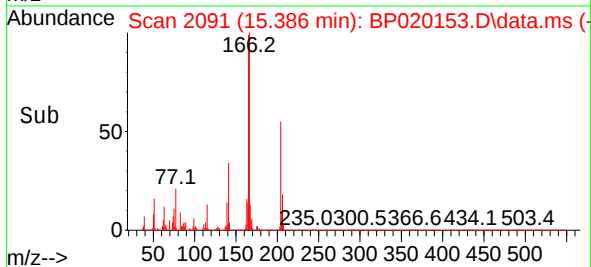
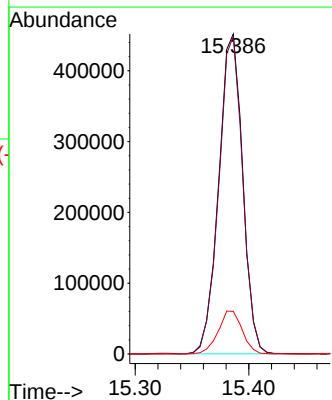
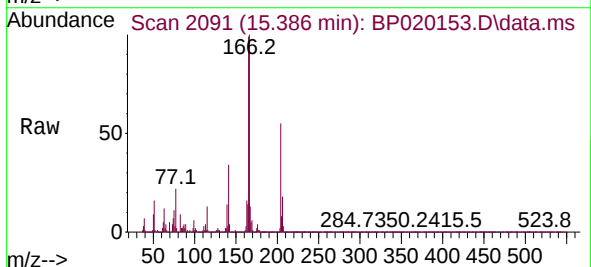
RT: 15.386 min Scan# 2091

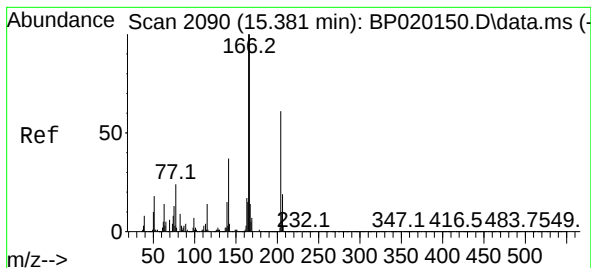
Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Tgt Ion:166	Resp: 662012
Ion Ratio	Lower Upper
166	100
165	99.2 76.2 114.2
167	13.3 10.3 15.5

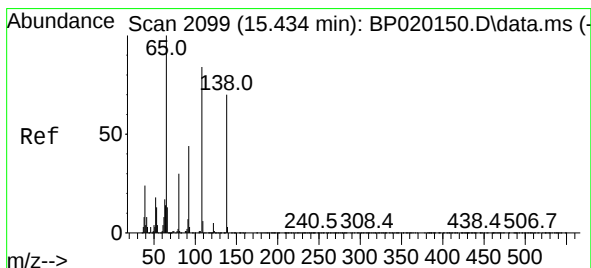
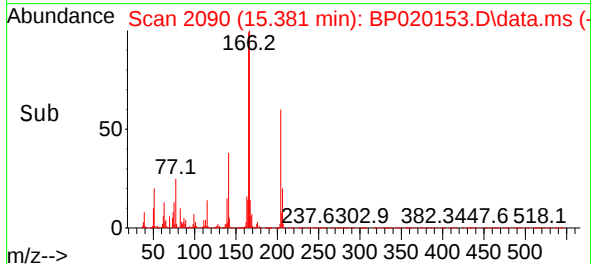
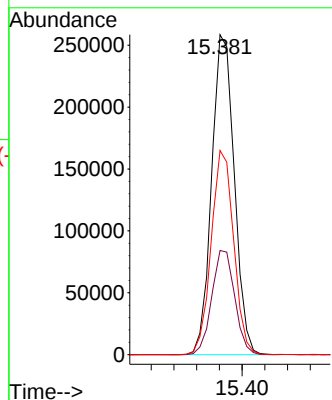
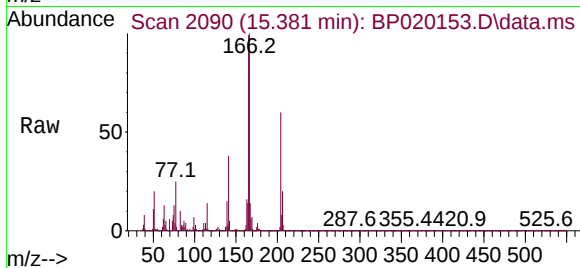




#62
4-Chlorophenyl-phenylether
Concen: 35.495 ng/ul
RT: 15.381 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

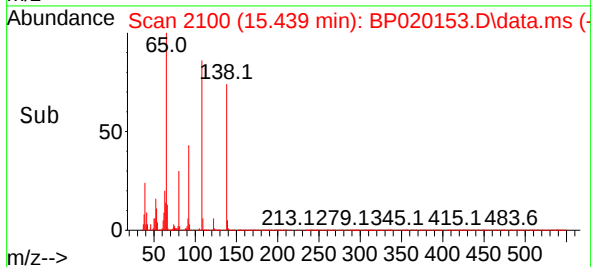
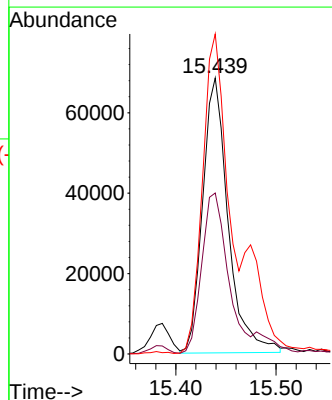
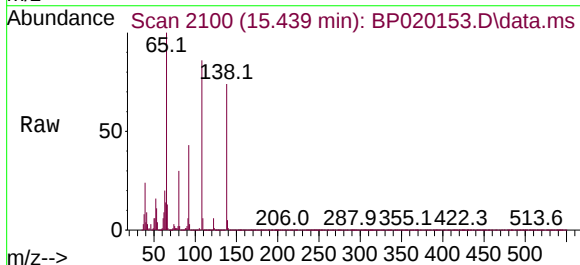
Instrument :
BNA_P
ClientSampleId :

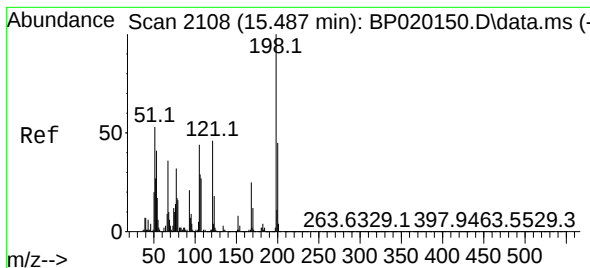
Tgt Ion:204 Resp: 357279
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.2
141 63.8 53.0 79.6



#63
4-Nitroaniline
Concen: 39.052 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion:138 Resp: 121196
Ion Ratio Lower Upper
138 100
92 58.3 47.6 71.4
108 115.9 90.5 135.7

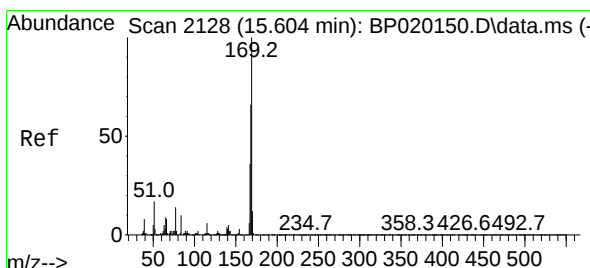
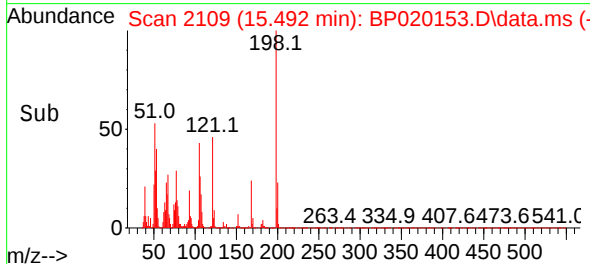
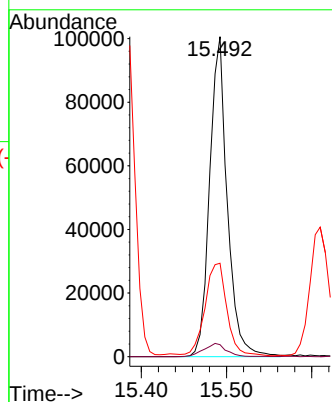
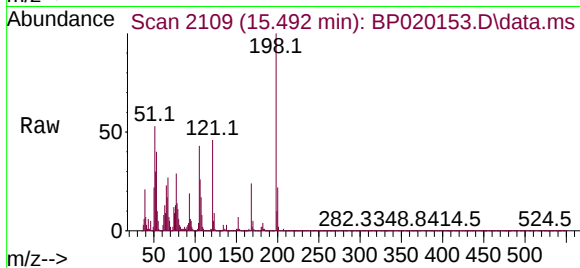




#66
4,6-Dinitro-2-methylphenol
Concen: 35.524 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

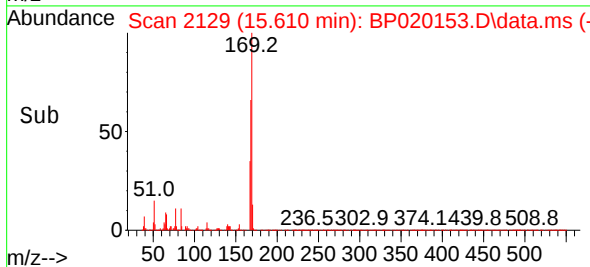
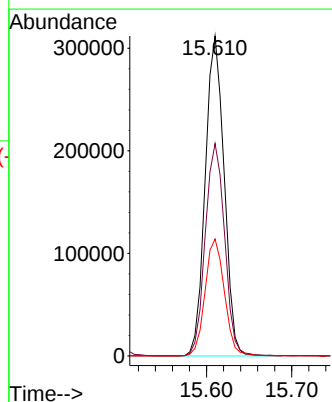
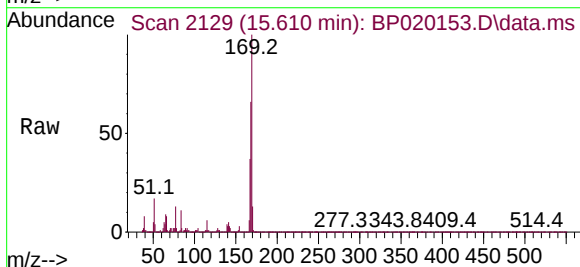
Instrument :
BNA_P
ClientSampleId :

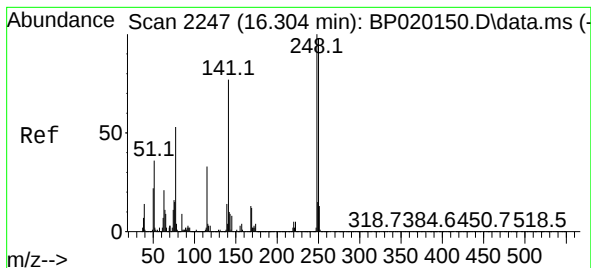
Tgt Ion:198 Resp: 144597
Ion Ratio Lower Upper
198 100
182 3.7 3.3 4.9
77 29.2 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 28.051 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion:169 Resp: 480460
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.2
167 36.5 29.0 43.6





#68

4-Bromophenyl-phenylether

Concen: 34.727 ng/ul

RT: 16.304 min Scan# 2247

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

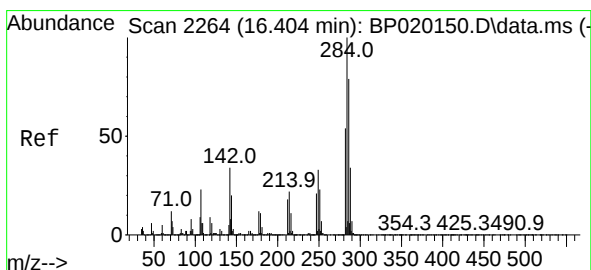
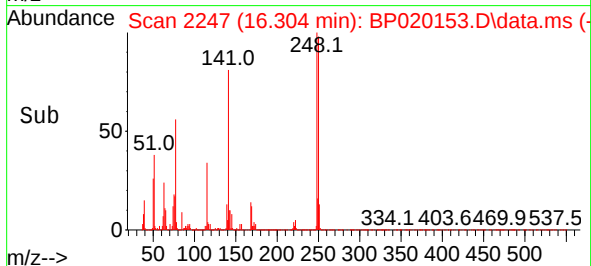
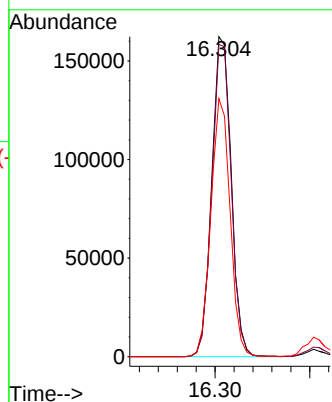
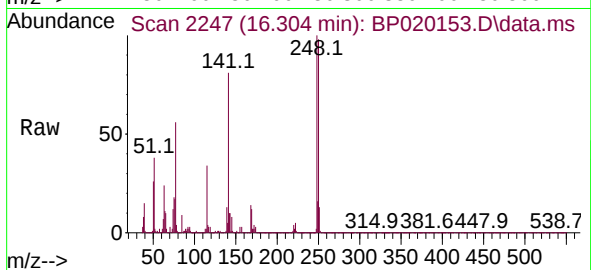
Tgt Ion:248 Resp: 231395

Ion Ratio Lower Upper

248 100

250 97.6 76.2 114.4

141 80.6 57.2 85.8



#69

Hexachlorobenzene

Concen: 34.608 ng/ul

RT: 16.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

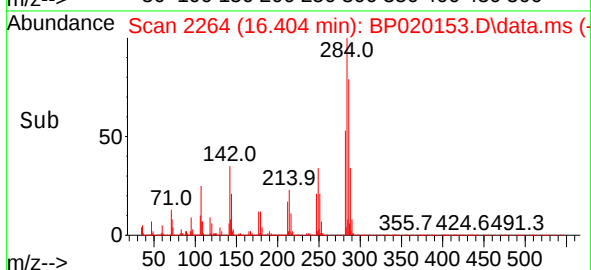
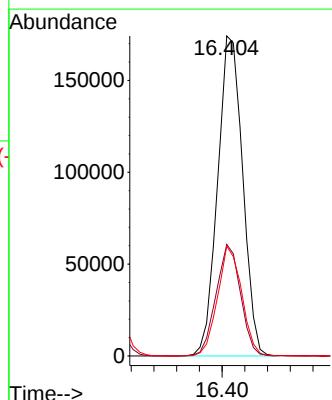
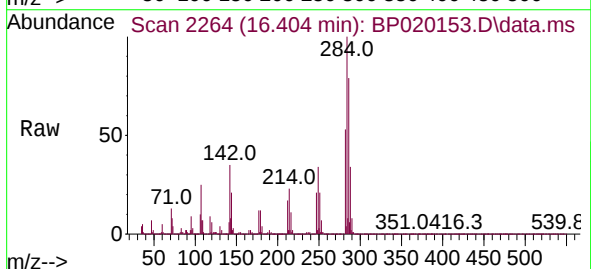
Tgt Ion:284 Resp: 267087

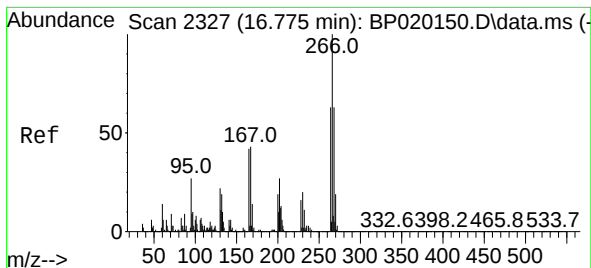
Ion Ratio Lower Upper

284 100

142 34.9 27.8 41.8

249 34.3 25.4 38.0





#71

Pentachlorophenol

Concen: 33.442 ng/ul

RT: 16.775 min Scan# 2327

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

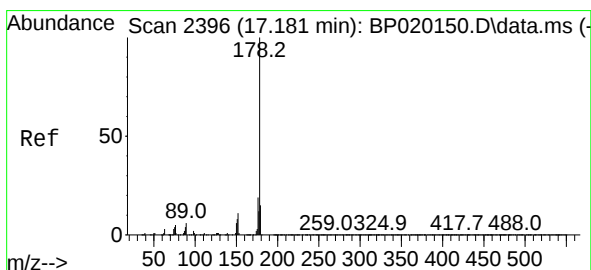
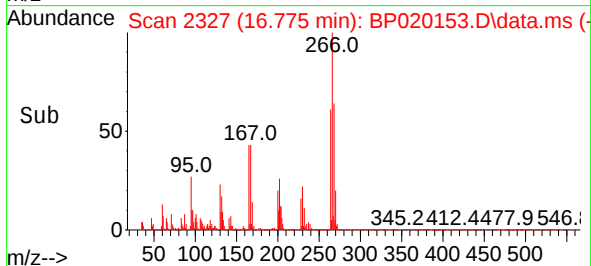
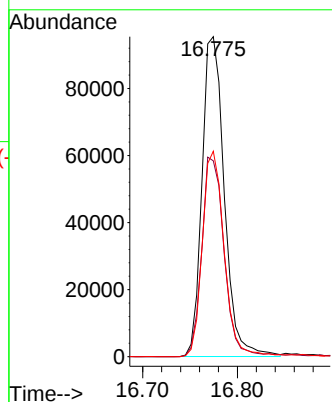
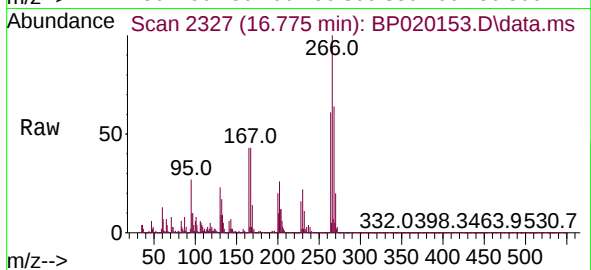
Tgt Ion:266 Resp: 155996

Ion Ratio Lower Upper

266 100

264 61.2 49.8 74.6

268 64.2 50.4 75.6



#72

Phenanthrene

Concen: 34.229 ng/ul

RT: 17.175 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

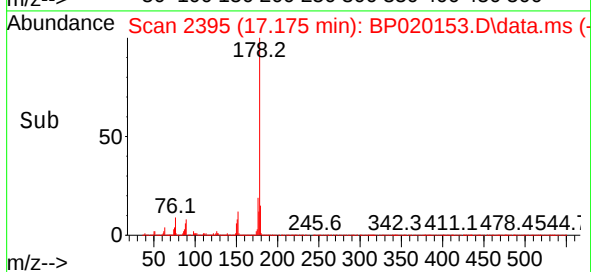
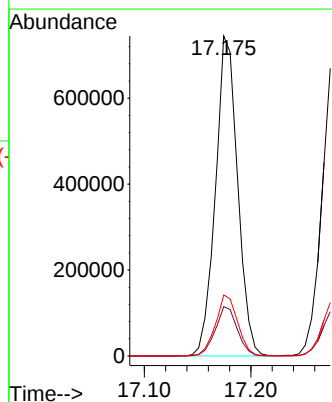
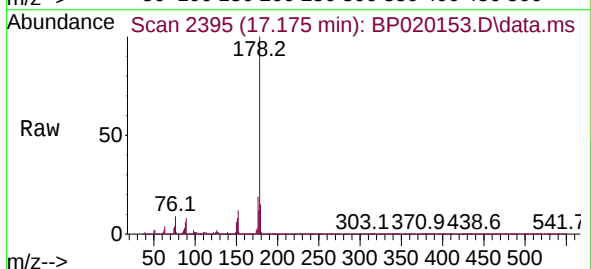
Tgt Ion:178 Resp: 1074313

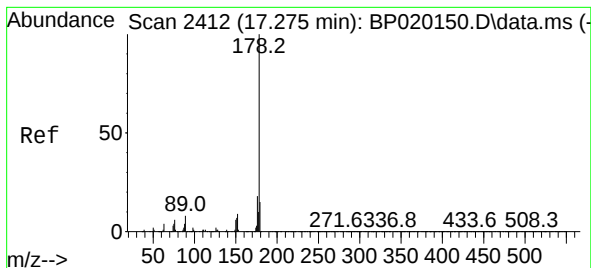
Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.1 15.2 22.8





#74

Anthracene

Concen: 34.409 ng/uI

RT: 17.280 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

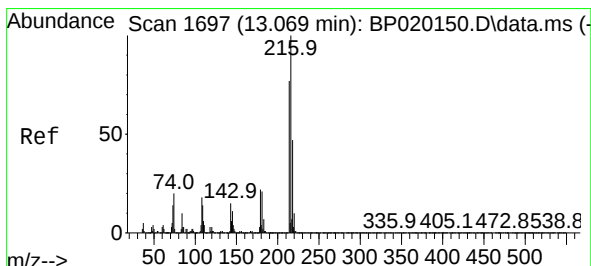
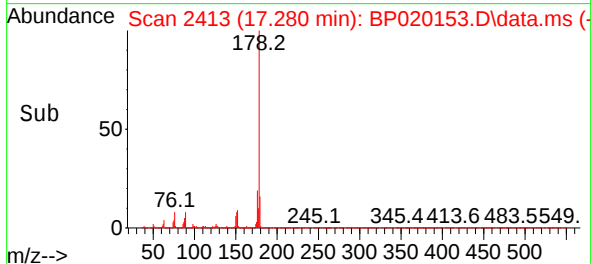
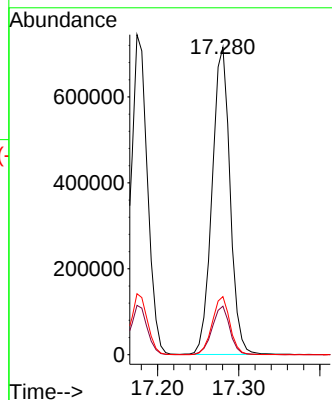
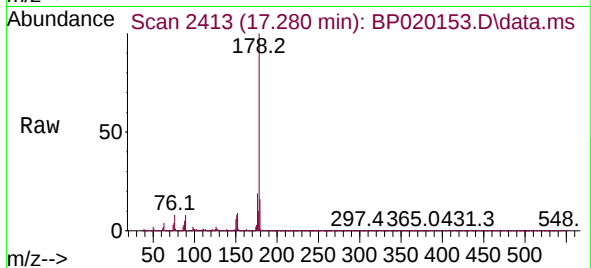
Tgt Ion:178 Resp: 1098417

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

176 18.9 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.101 ng/uL

RT: 13.069 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

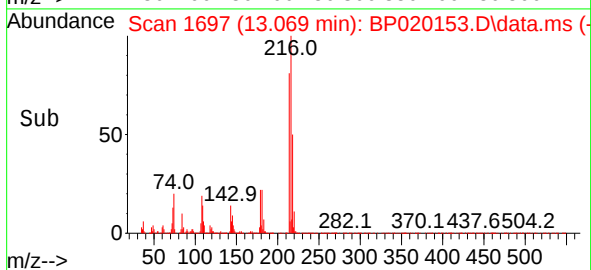
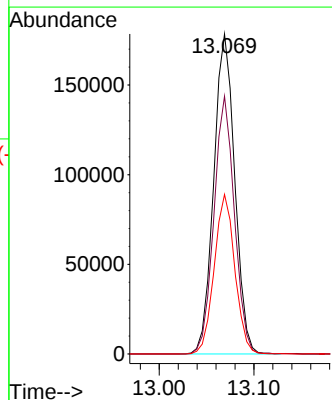
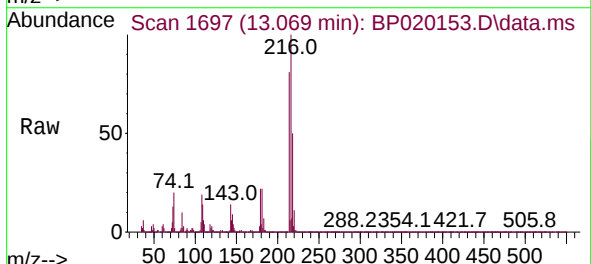
Tgt Ion:216 Resp: 275201

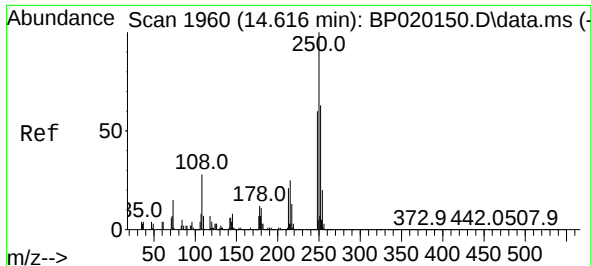
Ion Ratio Lower Upper

216 100

214 80.5 60.1 90.1

218 49.8 38.7 58.1

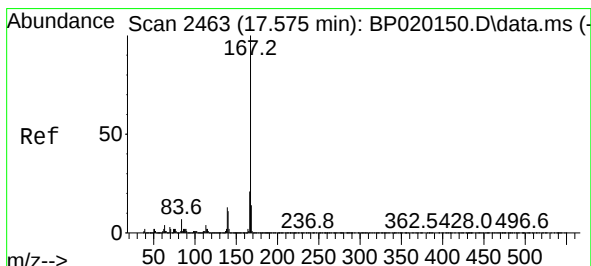
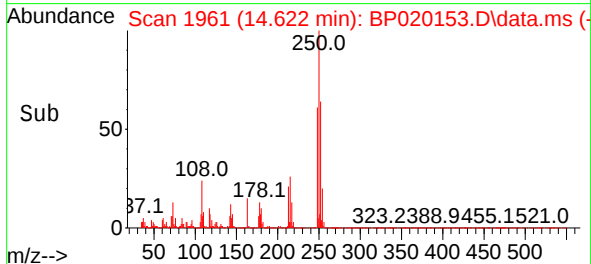
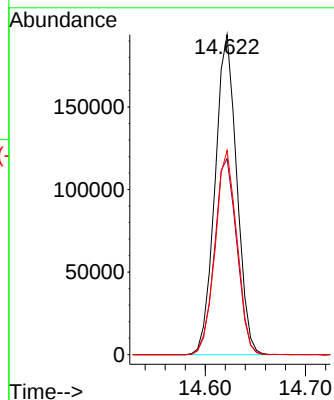
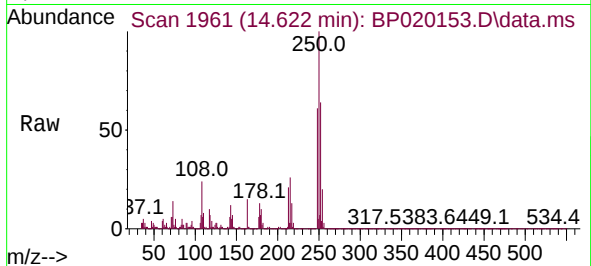




#76
 Pentachlorobenzene
 Concen: 31.804 ng/uL
 RT: 14.622 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: BP020153.D
 Acq: 02 May 2024 19:57

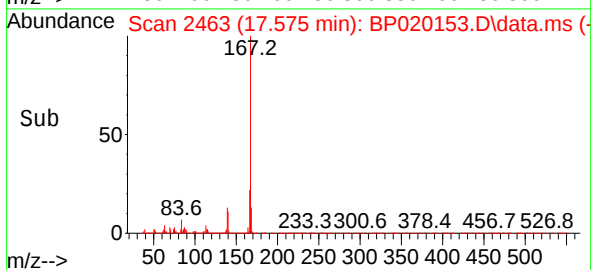
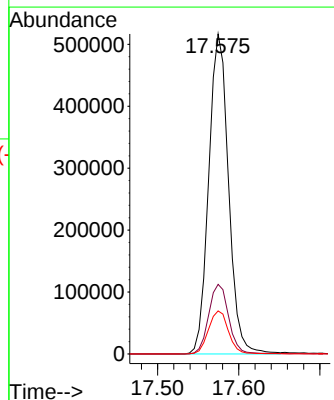
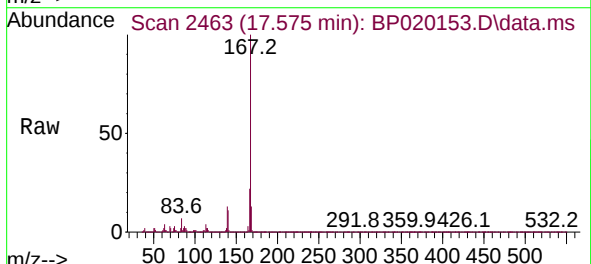
Instrument :
 BNA_P
 ClientSampleId :

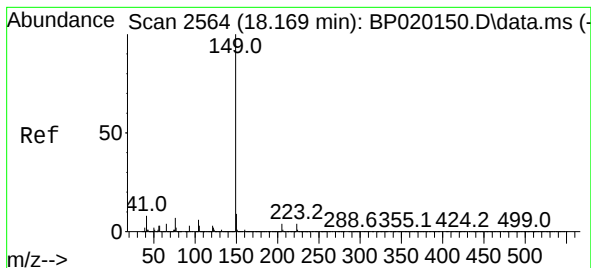
Tgt Ion:250 Resp: 290982
 Ion Ratio Lower Upper
 250 100
 248 61.2 51.0 76.6
 252 63.8 52.1 78.1



#77
 Carbazole
 Concen: 31.834 ng/uL
 RT: 17.575 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BP020153.D
 Acq: 02 May 2024 19:57

Tgt Ion:167 Resp: 875437
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.5 11.0 16.4





#78

Di-n-butylphthalate

Concen: 39.256 ng/ul

RT: 18.169 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

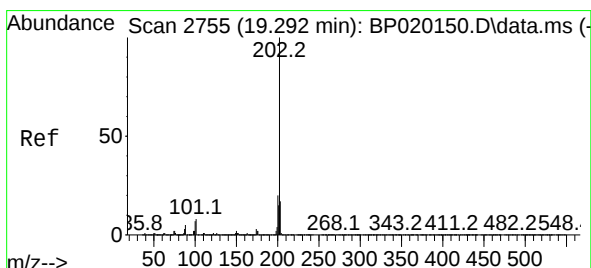
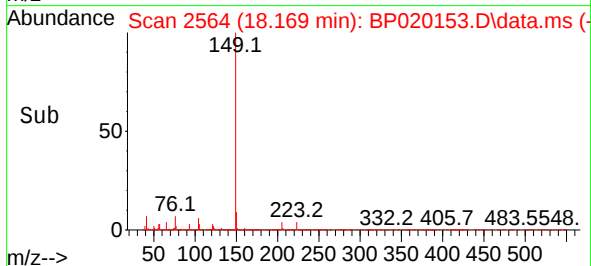
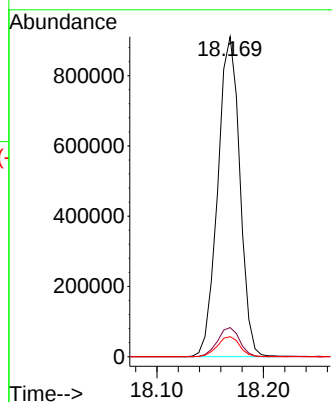
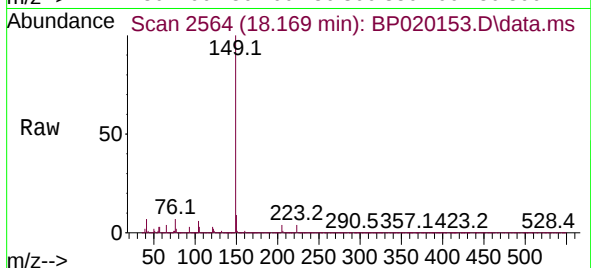
Tgt Ion:149 Resp: 1308538

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 6.3 5.0 7.6



#80

Fluoranthene

Concen: 33.286 ng/ul

RT: 19.292 min Scan# 2755

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

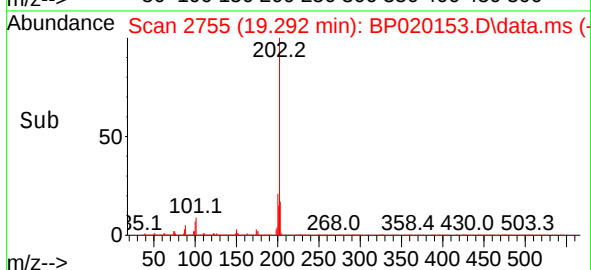
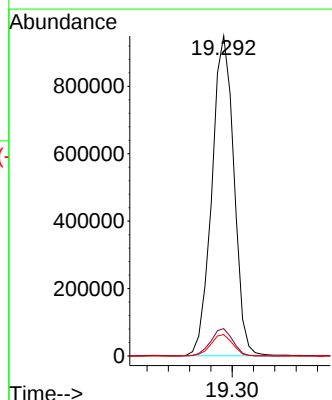
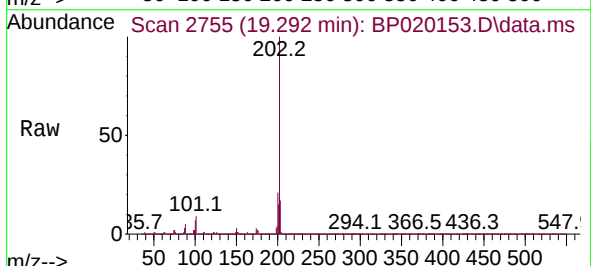
Tgt Ion:202 Resp: 1363328

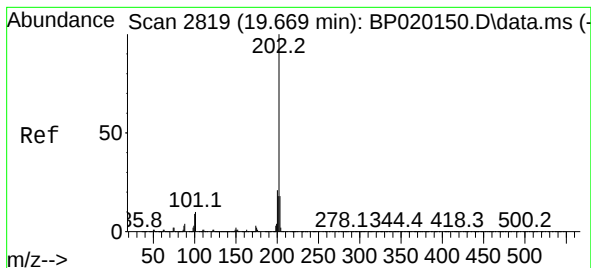
Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

100 6.7 5.5 8.3





#82

Pyrene

Concen: 32.498 ng/ul

RT: 19.674 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

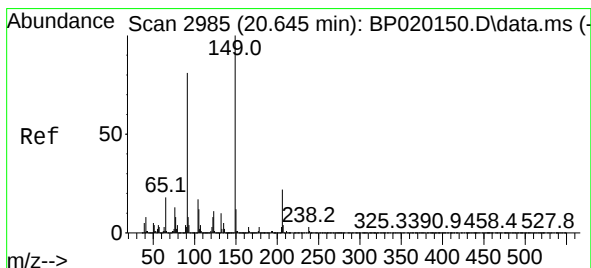
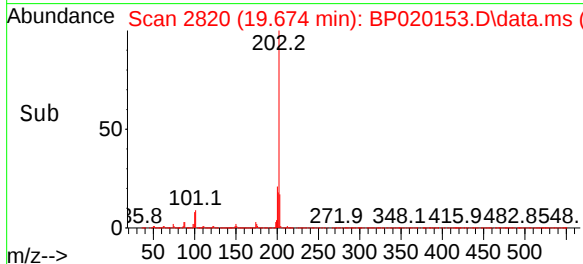
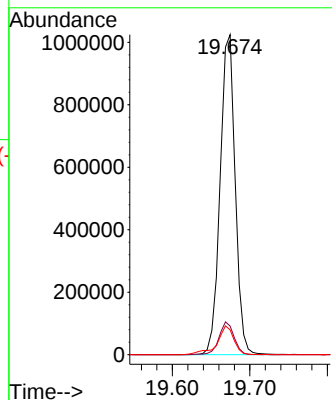
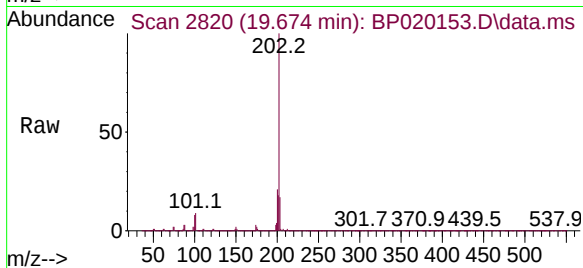
Tgt Ion:202 Resp: 1384946

Ion Ratio Lower Upper

202 100

101 9.0 8.1 12.1

100 7.7 6.8 10.2



#83

Butylbenzylphthalate

Concen: 37.348 ng/ul

RT: 20.645 min Scan# 2985

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

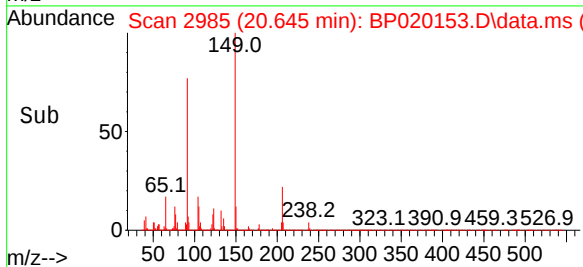
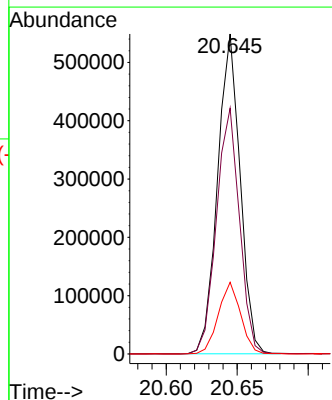
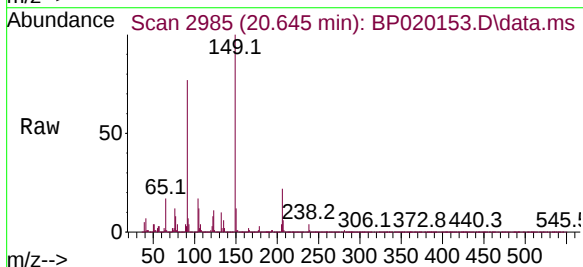
Tgt Ion:149 Resp: 604192

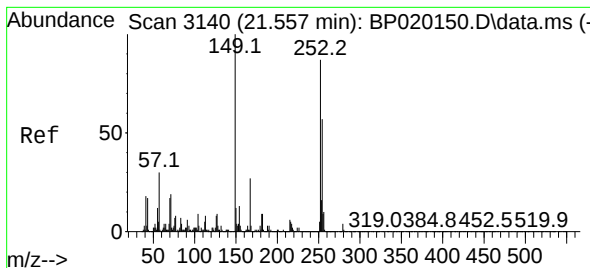
Ion Ratio Lower Upper

149 100

91 76.8 62.7 94.1

206 22.4 17.3 25.9





#84

3,3'-Dichlorobenzidine

Concen: 1.681 ng/ul

RT: 21.551 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP020153.D

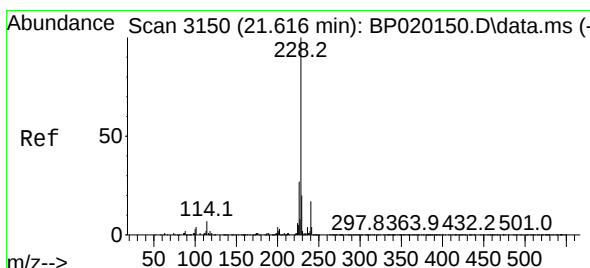
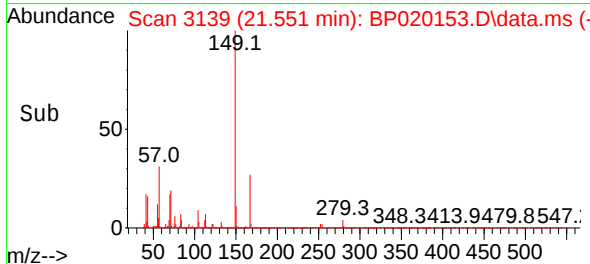
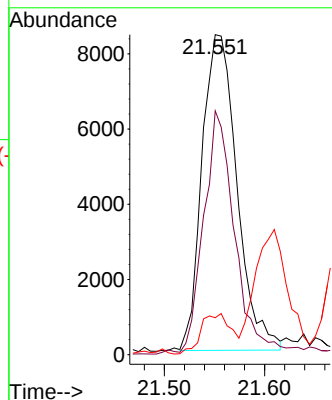
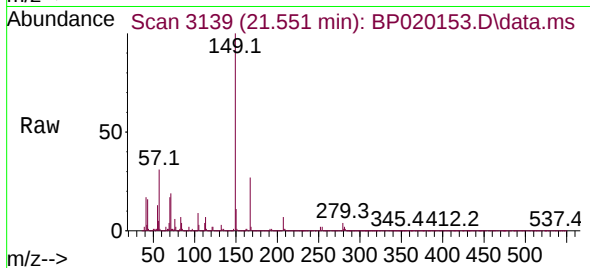
Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:252	Resp:	20370
Ion Ratio	Lower	Upper
252	100	
254	76.2	50.2 75.4#
126	11.6	7.3 10.9#



#85

Benzo(a)anthracene

Concen: 35.090 ng/ul

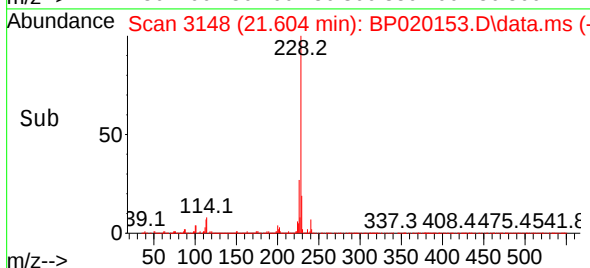
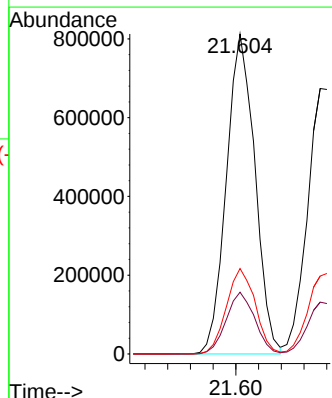
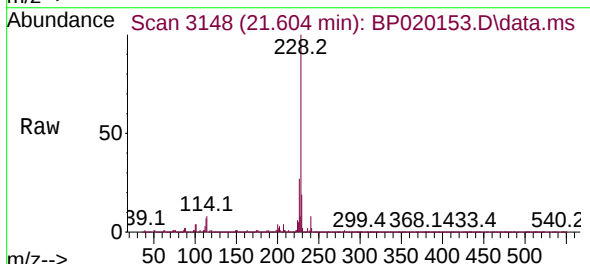
RT: 21.604 min Scan# 3148

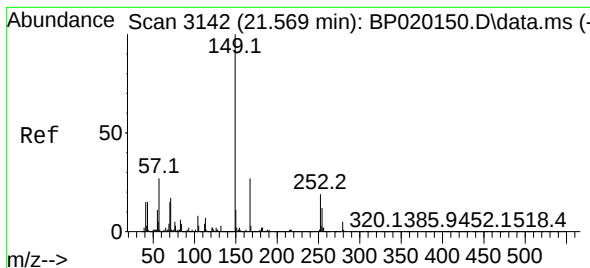
Delta R.T. -0.012 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Tgt Ion:228	Resp:	1417025
Ion Ratio	Lower	Upper
228	100	
229	19.3	15.8 23.8
226	26.7	21.5 32.3

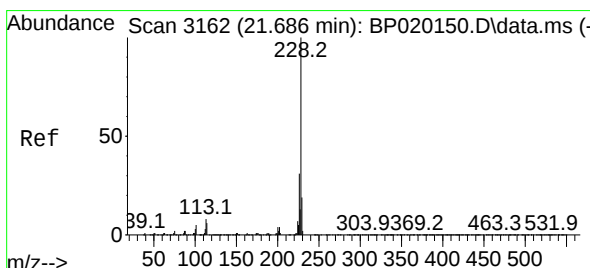
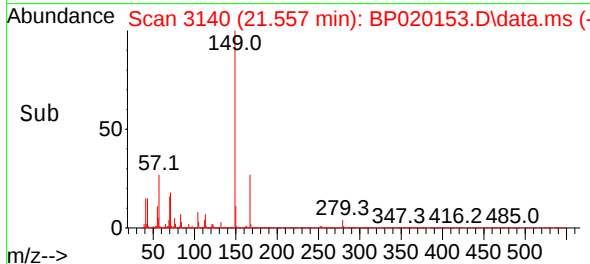
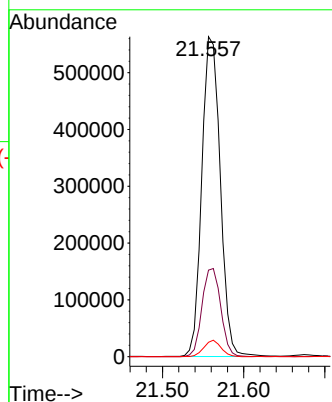
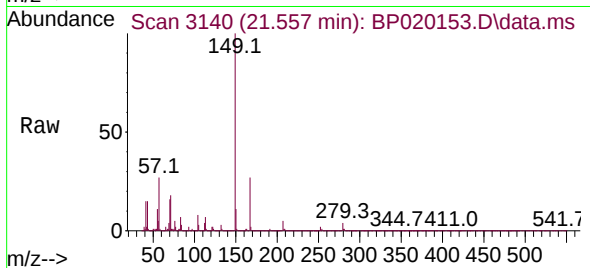




#86
Bis(2-ethylhexyl)phthalate
Concen: 38.086 ng/ul
RT: 21.557 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

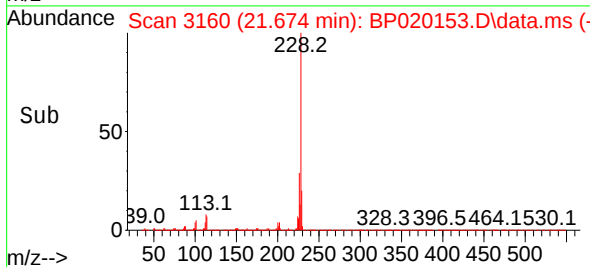
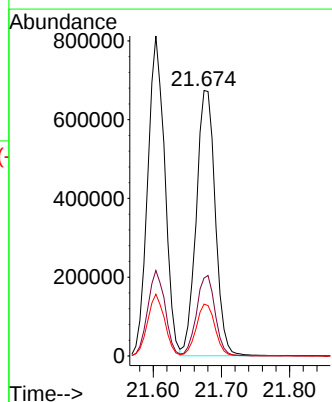
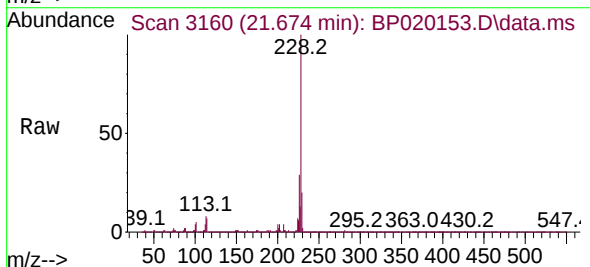
Instrument :
BNA_P
ClientSampleId :

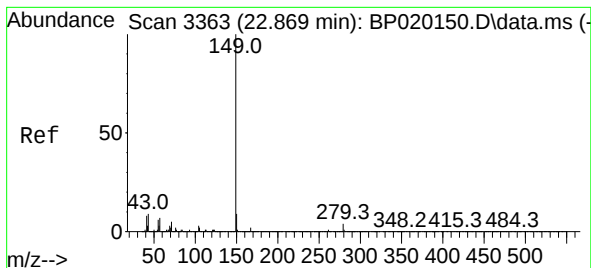
Tgt Ion:149 Resp: 888854
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.5 3.4 5.2



#87
Chrysene
Concen: 34.785 ng/ul
RT: 21.674 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP020153.D
Acq: 02 May 2024 19:57

Tgt Ion:228 Resp: 1301927
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 19.5 15.9 23.9





#89

Di-n-octyl phthalate

Concen: 43.546 ng/ul

RT: 22.862 min Scan# 3362

Delta R.T. -0.006 min

Lab File: BP020153.D

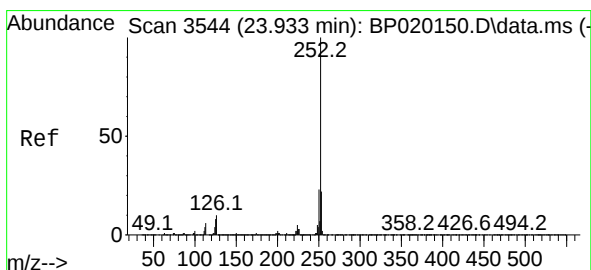
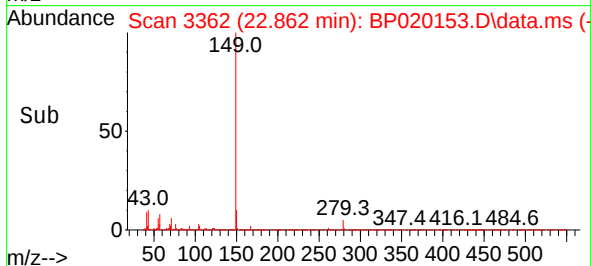
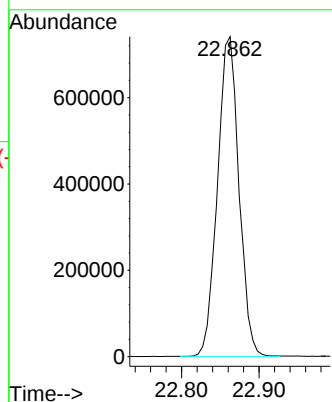
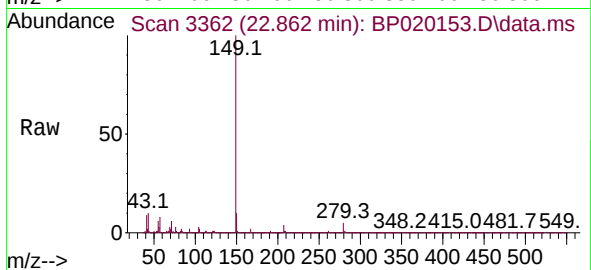
Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 1425534



#90

Benzo(b)fluoranthene

Concen: 39.845 ng/ul

RT: 23.933 min Scan# 3544

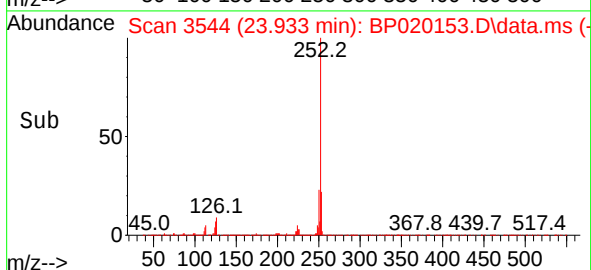
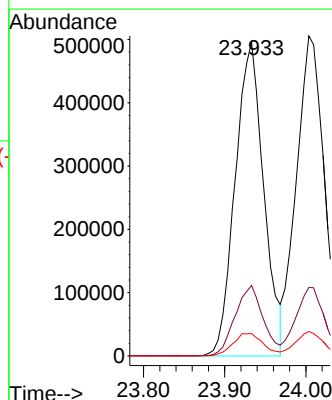
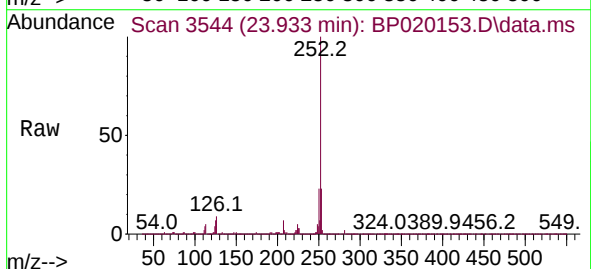
Delta R.T. -0.000 min

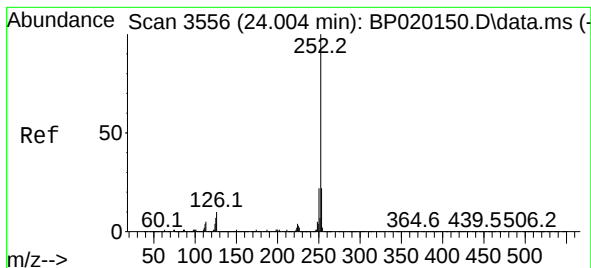
Lab File: BP020153.D

Acq: 02 May 2024 19:57

Tgt Ion:252 Resp: 1211573

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	7.2	6.2	9.2





#91

Benzo(k)fluoranthene

Concen: 38.819 ng/ul

RT: 24.004 min Scan# 3556

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

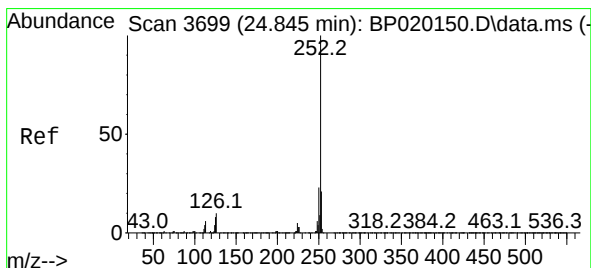
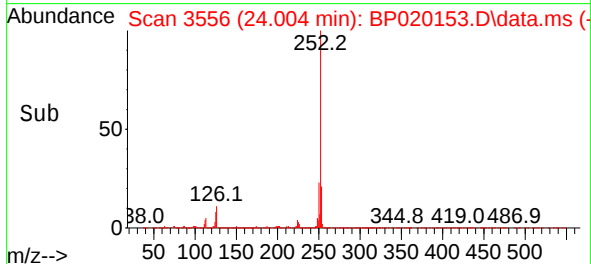
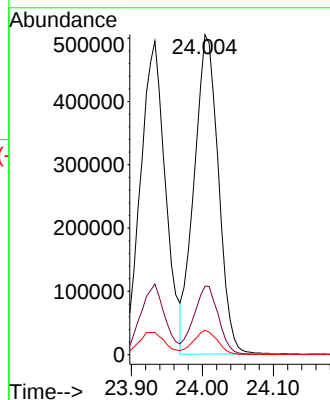
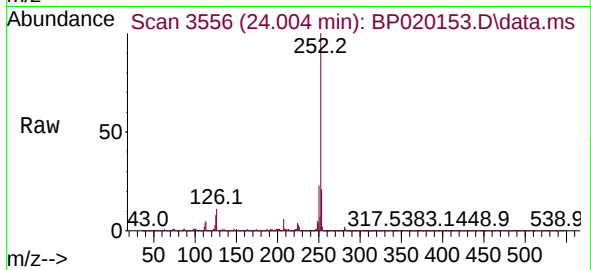
Tgt Ion:252 Resp: 1202928

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 7.6 5.6 8.4



#93

Benzo(a)pyrene

Concen: 37.268 ng/ul

RT: 24.845 min Scan# 3699

Delta R.T. -0.000 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

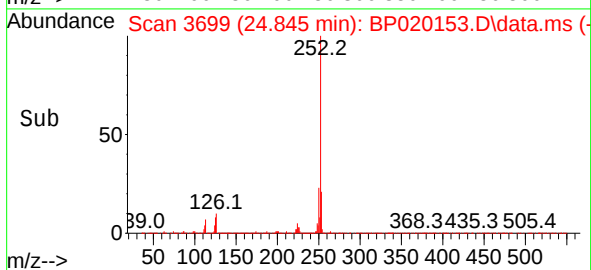
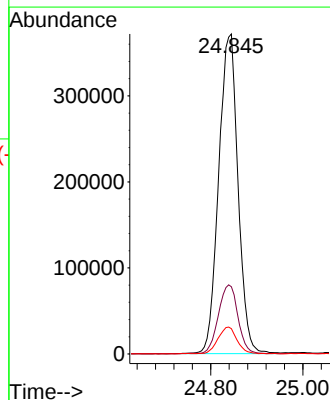
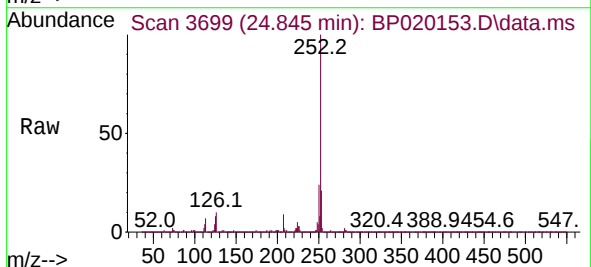
Tgt Ion:252 Resp: 1078270

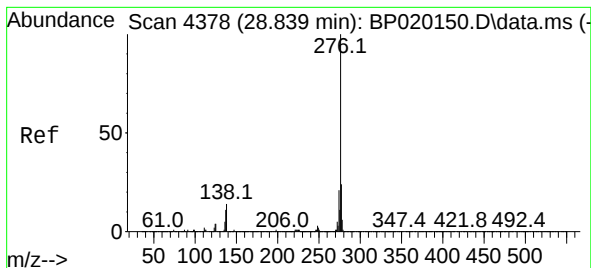
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 7.9 6.6 10.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 26.178 ng/ul

RT: 28.809 min Scan# 4378

Delta R.T. -0.030 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

Instrument :

BNA_P

ClientSampleId :

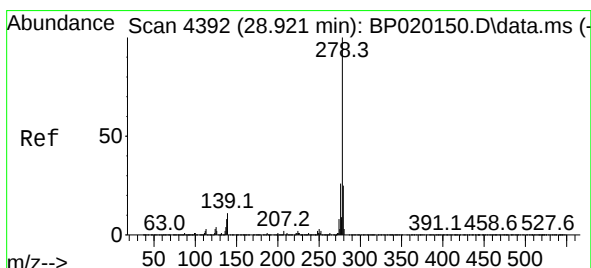
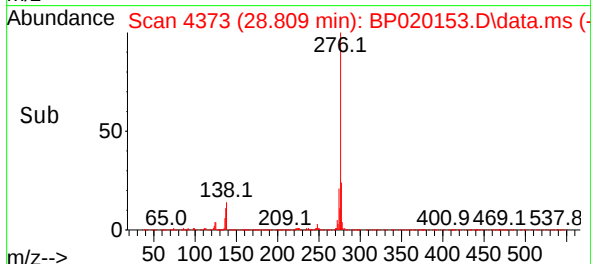
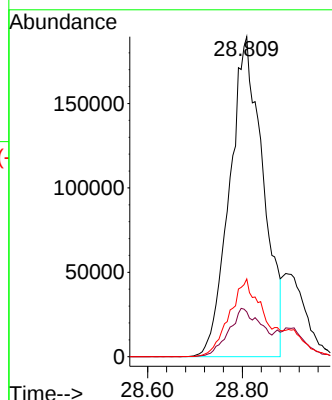
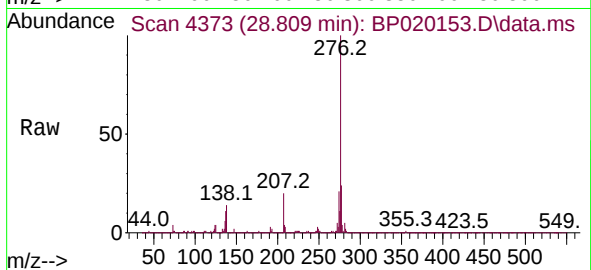
Tgt Ion:276 Resp: 928476

Ion Ratio Lower Upper

276 100

138 14.0 12.3 18.5

277 24.3 19.0 28.4



#95

Dibenzo(a,h)anthracene

Concen: 31.099 ng/ul

RT: 28.903 min Scan# 4389

Delta R.T. -0.018 min

Lab File: BP020153.D

Acq: 02 May 2024 19:57

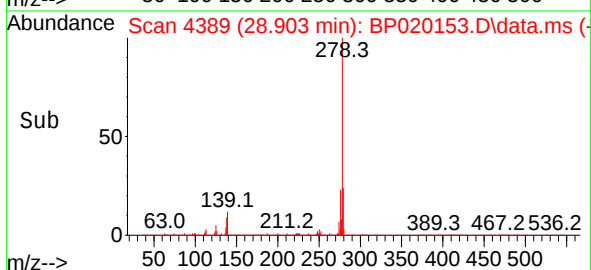
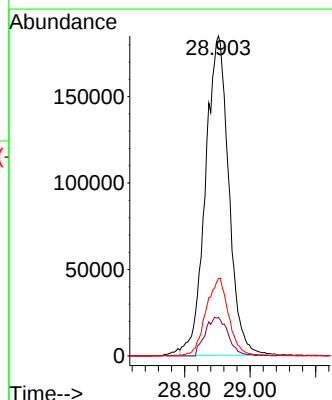
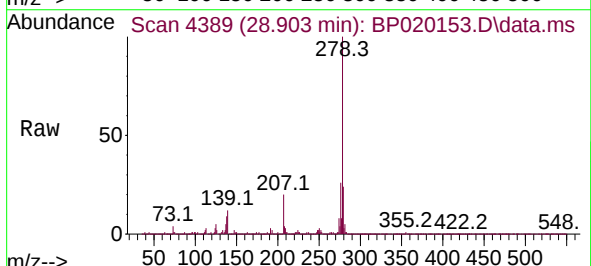
Tgt Ion:278 Resp: 912352

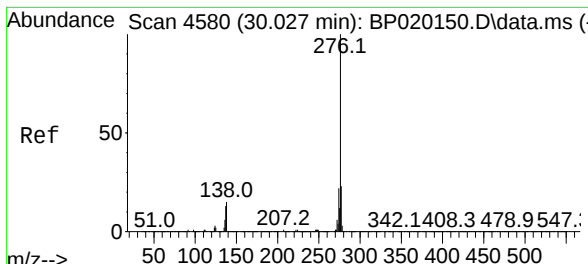
Ion Ratio Lower Upper

278 100

139 12.0 10.2 15.2

279 24.2 19.3 28.9





#96
 Benzo(g,h,i)perylene
 Concen: 12.069 ng/ul
 RT: 29.968 min Scan# 4570
 Delta R.T. -0.059 min
 Lab File: BP020153.D
 Acq: 02 May 2024 19:57

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:276 Resp: 345243

Ion	Ratio	Lower	Upper
276	100		
138	15.1	11.6	17.4
277	25.0	19.4	29.0

