

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011557.D
 Acq On : 25 Aug 2022 09:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 26 01:01:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	74032	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	317117	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	189777	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	383170	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	365807	20.000	ng/u1	0.00
88) Perylene-d12	23.415	264	365705	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	18600	7.797	ng/uL	0.00
4) Pyridine-d5	3.475	84	115595	18.925	ng/u1	0.00
7) Phenol-d5	6.734	99	119745	17.601	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	81439	18.425	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	98708	19.727	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	98689	18.124	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	47871	20.968	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	48753	20.983	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	89230	20.805	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	136209	19.078	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	272376	20.292	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	311265	20.865	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	46944	18.152	ng/u1	0.00
60) Fluorene-d10	15.228	176	227791	20.172	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	39543	19.099	ng/u1	0.00
73) Anthracene-d10	17.098	188	349031	20.567	ng/u1	0.00
81) Pyrene-d10	19.363	212	376083	20.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.268	264	364959	20.516	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	19644	7.897	ng/uL	93
5) Pyridine	3.493	79	116111	19.045	ng/u1	100
6) Benzaldehyde	6.705	77	69172	22.155	ng/u1	99
8) Phenol	6.763	94	125444	17.943	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.993	93	99541	18.252	ng/u1	95
12) 2-Chlorophenol	7.116	128	103579	19.237	ng/u1	97
13) 2-Methylphenol	8.004	108	94850	18.416	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.093	45	150239	18.596	ng/u1	97
16) Acetophenone	8.381	105	164548	18.165	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.369	70	85314	18.934	ng/u1	99
18) 4-Methylphenol	8.340	108	103935	18.227	ng/u1	98
19) Hexachloroethane	8.610	117	47379	19.399	ng/u1	99
22) Nitrobenzene	8.757	77	130337	20.254	ng/u1	96
23) Isophorone	9.287	82	229418	20.310	ng/u1	99
25) 2-Nitrophenol	9.463	139	55913	21.092	ng/u1	95
26) 2,4-Dimethylphenol	9.534	107	127910	20.321	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.775	93	135757	19.882	ng/u1	98
29) 2,4-Dichlorophenol	9.993	162	90771	20.680	ng/u1	99
30) Naphthalene	10.387	128	332193	19.840	ng/u1	99
32) 4-Chloroaniline	10.516	127	141411	19.117	ng/u1	100
33) Hexachlorobutadiene	10.669	225	59400	21.258	ng/u1	97
34) Caprolactam	11.316	113	29196	18.345	ng/u1	94
35) 4-Chloro-3-methylphenol	11.657	107	111479	20.088	ng/u1	98
36) 2-Methylnaphthalene	12.016	142	217590	19.974	ng/u1	99

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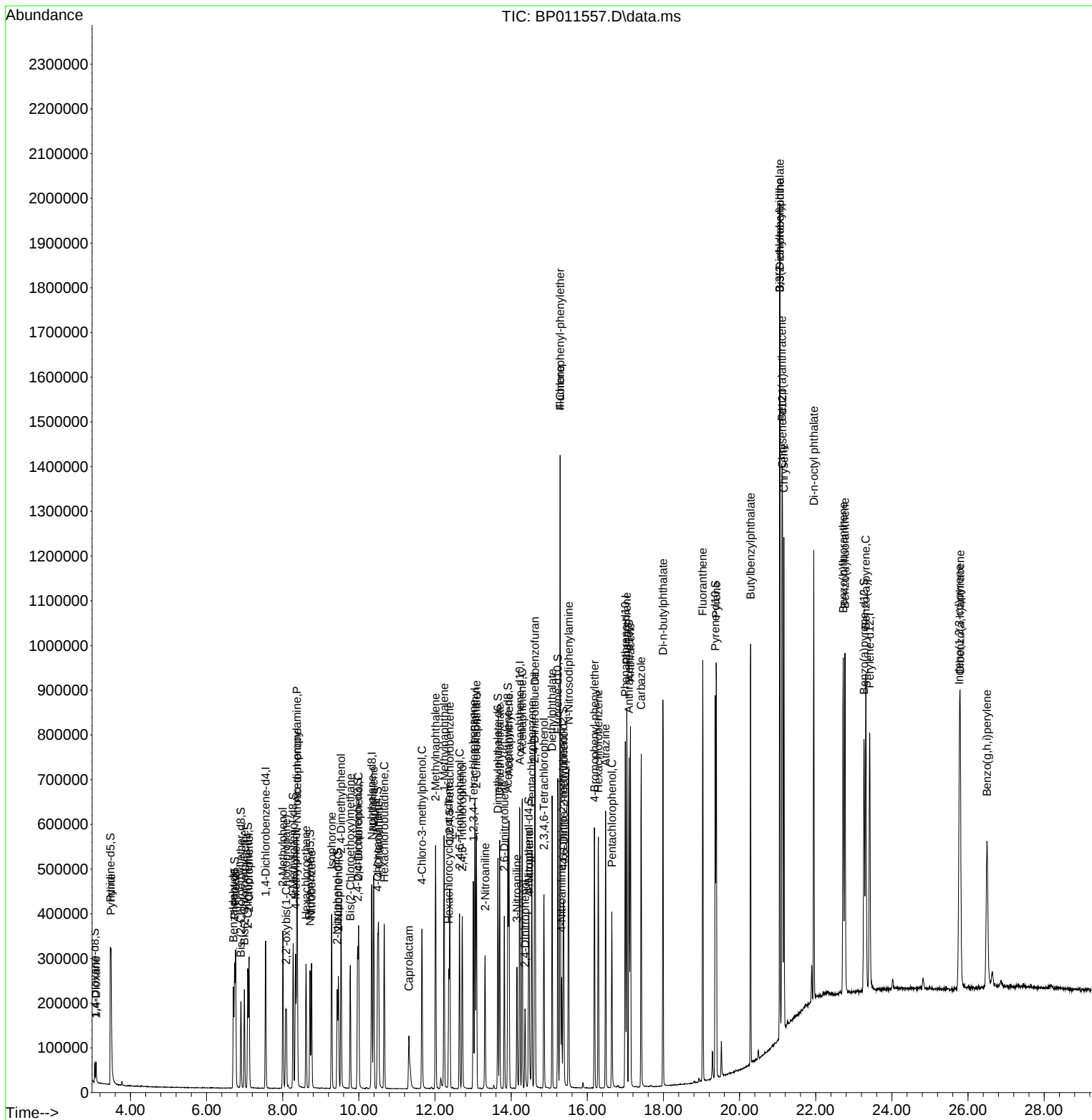
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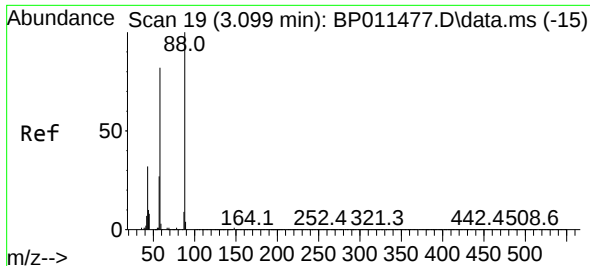
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	220412	19.949	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.387	216	101752	21.124	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	50649	16.949	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.645	196	66785	21.543	ng/ul	98
42) 2,4,5-Trichlorophenol	12.716	196	71569	20.738	ng/ul	100
43) 1,1'-Biphenyl	13.051	154	286655	20.272	ng/ul	99
44) 2-Chloronaphthalene	13.087	162	216376	20.306	ng/ul	98
45) 2-Nitroaniline	13.316	65	77222	21.233	ng/ul	98
47) Dimethylphthalate	13.698	163	280682	20.232	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	52016	20.855	ng/ul	98
50) Acenaphthylene	13.945	152	362886	20.475	ng/ul	99
51) 3-Nitroaniline	14.151	138	50579	18.618	ng/ul	94
52) Acenaphthene	14.292	153	238404	20.083	ng/ul	98
53) 2,4-Dinitrophenol	14.369	184	26945	17.651	ng/ul	97
55) 4-Nitrophenol	14.475	109	59359	19.264	ng/ul	91
56) Dibenzofuran	14.628	168	331231	20.234	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	78078	20.911	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.863	232	58664	21.652	ng/ul	98
59) Diethylphthalate	15.075	149	311381	20.493	ng/ul	98
61) Fluorene	15.286	166	273041	20.388	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.286	204	124809	20.630	ng/ul	97
63) 4-Nitroaniline	15.328	138	46574	17.748	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.381	198	41609	19.428	ng/ul	91
67) N-Nitrosodiphenylamine	15.510	169	231937	20.632	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	72963	21.331	ng/ul	96
69) Hexachlorobenzene	16.292	284	82429	20.911	ng/ul	97
70) Atrazine	16.480	200	83485	19.900	ng/ul	96
71) Pentachlorophenol	16.645	266	47903	19.598	ng/ul	99
72) Phenanthrene	17.039	178	421813	20.338	ng/ul	98
74) Anthracene	17.133	178	426272	20.373	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	103104	20.933	ng/uL	99
76) Pentachlorobenzene	14.545	250	99524	21.294	ng/uL	98
77) Carbazole	17.416	167	387176	19.673	ng/ul	99
78) Di-n-butylphthalate	17.986	149	520000	21.456	ng/ul	99
80) Fluoranthene	19.033	202	467386	20.535	ng/ul	98
82) Pyrene	19.386	202	485770	20.312	ng/ul	100
83) Butylbenzylphthalate	20.292	149	229835	21.424	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.057	252	135448	19.559	ng/ul	98
85) Benzo(a)anthracene	21.116	228	456235	20.471	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	344429	21.695	ng/ul	100
87) Chrysene	21.163	228	450748	20.589	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	581434	19.778	ng/ul	100
90) Benzo(b)fluoranthene	22.721	252	465405	20.459	ng/ul	98
91) Benzo(k)fluoranthene	22.768	252	445468	20.520	ng/ul	98
93) Benzo(a)pyrene	23.315	252	451581	20.333	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.774	276	494369	19.957	ng/ul	99
95) Dibenzo(a,h)anthracene	25.798	278	428450	20.087	ng/ul	97
96) Benzo(g,h,i)perylene	26.498	276	413599	19.628	ng/ul	98

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

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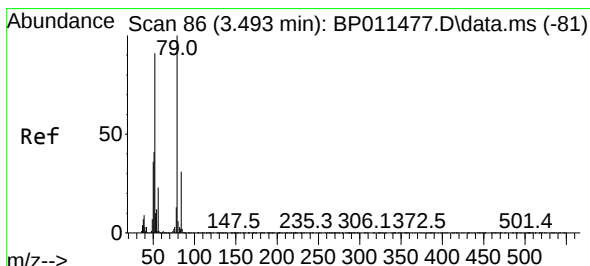
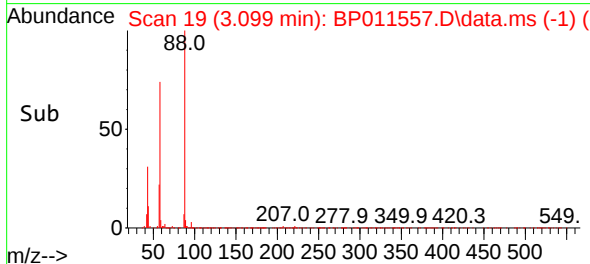
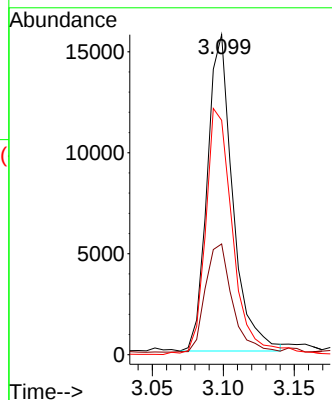
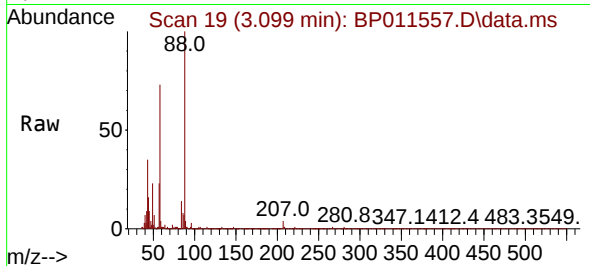




#2
1,4-Dioxane
Concen: 7.897 ng/uL
RT: 3.099 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP011557.D
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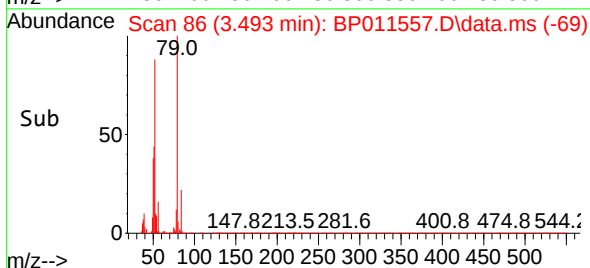
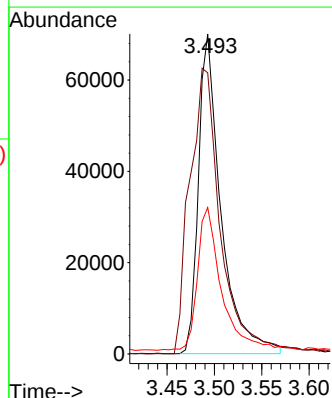
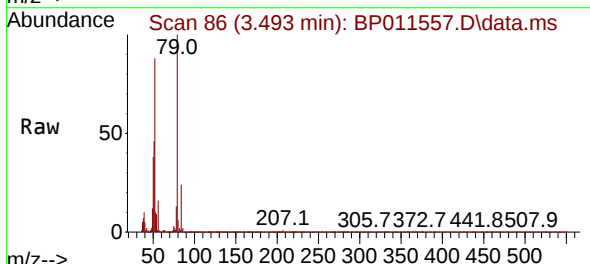
Instrument :
BNA_P
ClientSampleId :

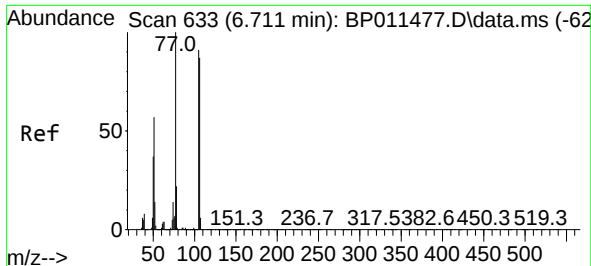
Tgt Ion: 88 Resp: 19644
Ion Ratio Lower Upper
88 100
43 34.6 29.0 43.4
58 73.3 64.7 97.1



#5
Pyridine
Concen: 19.045 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion: 79 Resp: 116111
Ion Ratio Lower Upper
79 100
52 87.9 70.2 105.2
51 45.8 36.1 54.1

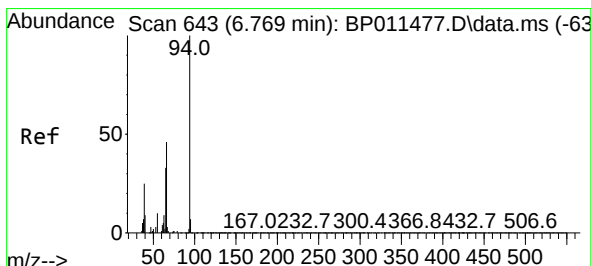
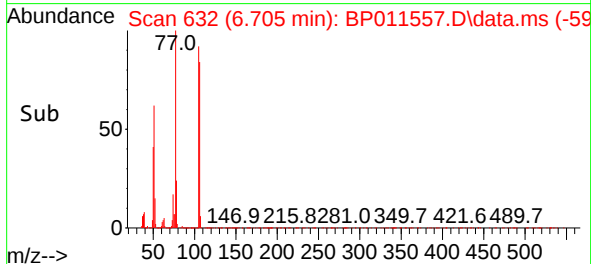
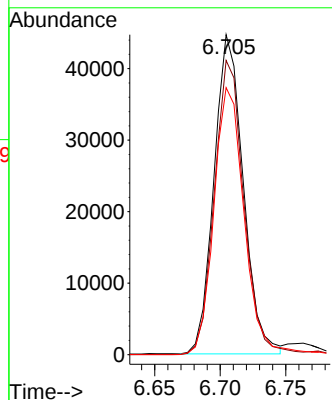
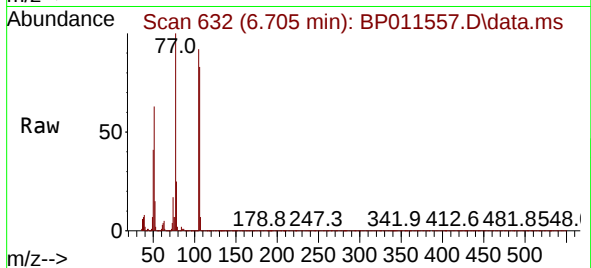




#6
Benzaldehyde
Concen: 22.155 ng/ul
RT: 6.705 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

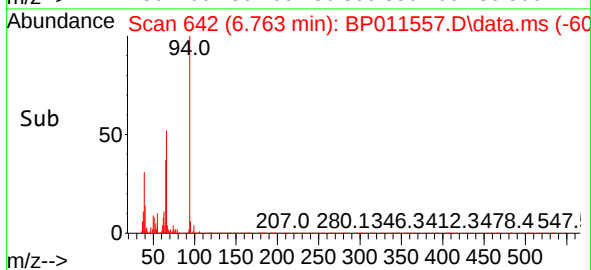
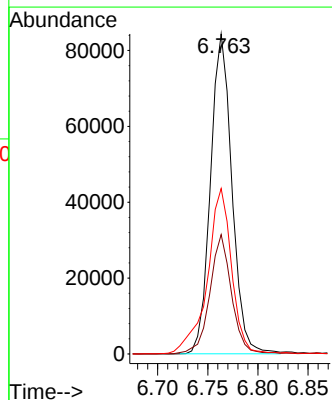
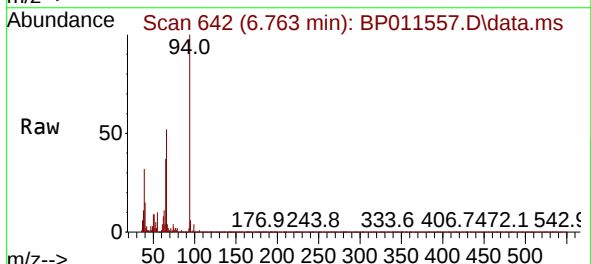
Instrument :
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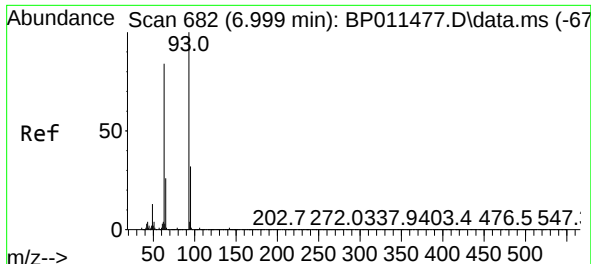
Tgt Ion: 77 Resp: 69172
Ion Ratio Lower Upper
77 100
105 91.9 72.0 108.0
106 83.4 67.4 101.0



#8
Phenol
Concen: 17.943 ng/ul
RT: 6.763 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion: 94 Resp: 125444
Ion Ratio Lower Upper
94 100
65 37.3 28.9 43.3
66 51.7 39.4 59.0





#10

Bis(2-Chloroethyl)ether

Concen: 18.252 ng/ul

RT: 6.993 min Scan# 682

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

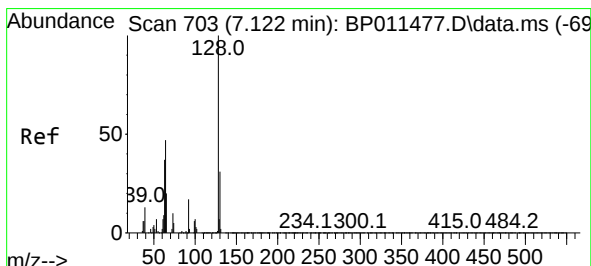
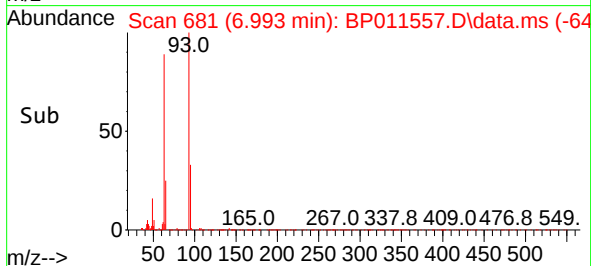
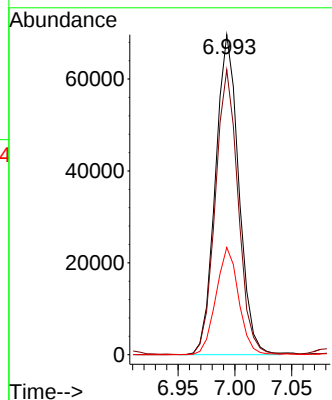
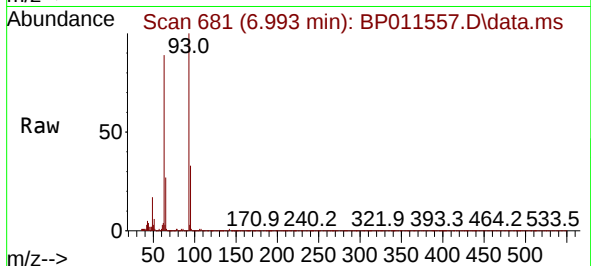
Tgt Ion: 93 Resp: 99541

Ion Ratio Lower Upper

93 100

63 89.0 67.8 101.6

95 33.5 25.0 37.6



#12

2-Chlorophenol

Concen: 19.237 ng/ul

RT: 7.116 min Scan# 702

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

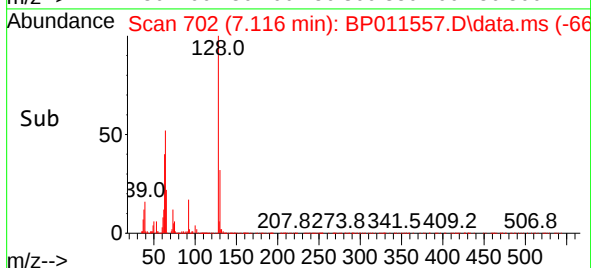
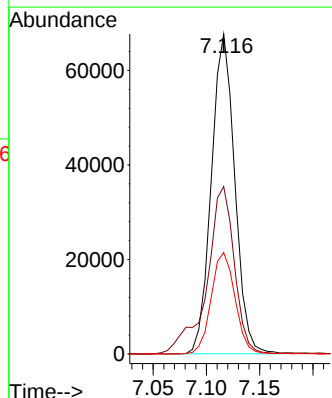
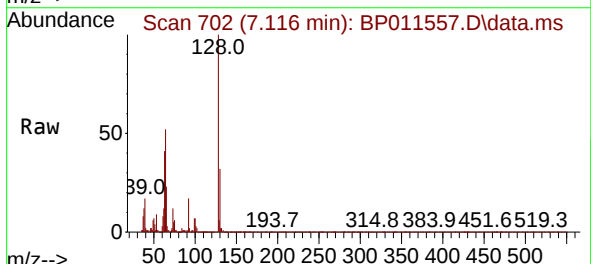
Tgt Ion:128 Resp: 103579

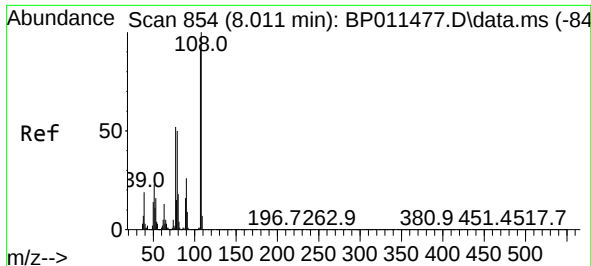
Ion Ratio Lower Upper

128 100

64 52.3 40.2 60.2

130 31.7 24.6 37.0





#13

2-Methylphenol

Concen: 18.416 ng/ul

RT: 8.004 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP011557.D

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Instrument :

BNA_P

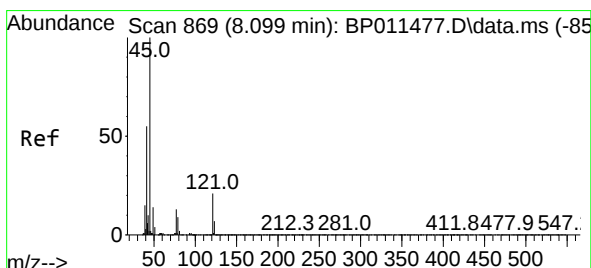
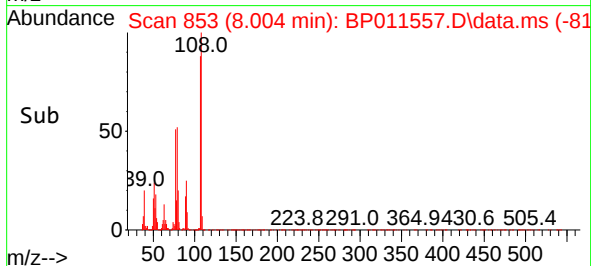
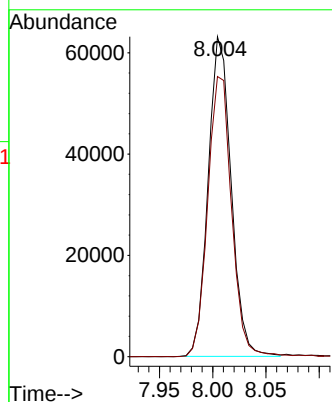
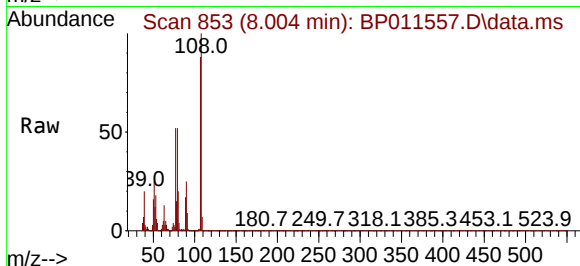
ClientSampleId :

Tgt Ion:108 Resp: 94850

Ion Ratio Lower Upper

108 100

107 87.6 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.596 ng/ul

RT: 8.093 min Scan# 868

Delta R.T. 0.012 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

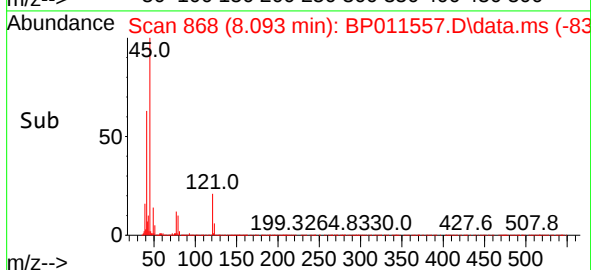
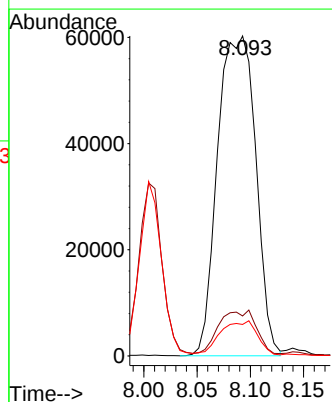
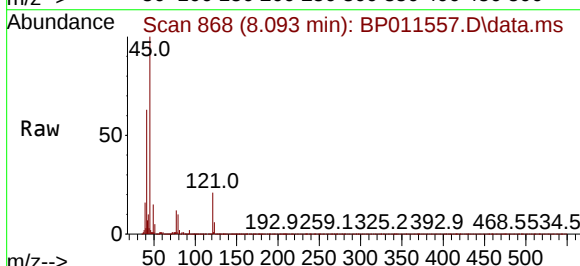
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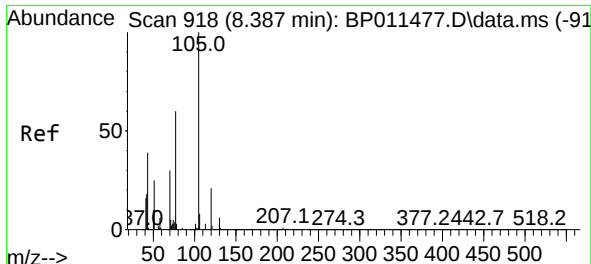
Ion Ratio Lower Upper

45 100

77 12.5 11.4 17.0

79 9.8 8.6 13.0

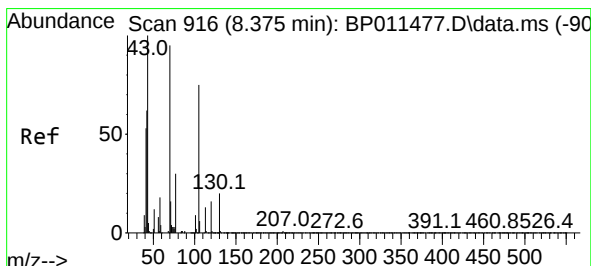
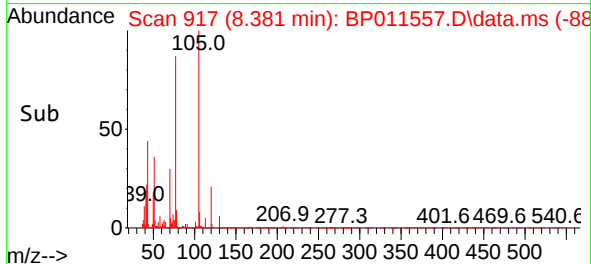
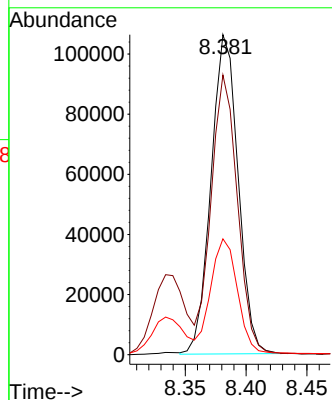
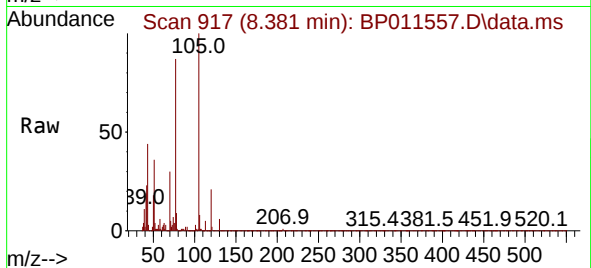




#16
Acetophenone
Concen: 18.165 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. -0.000 min
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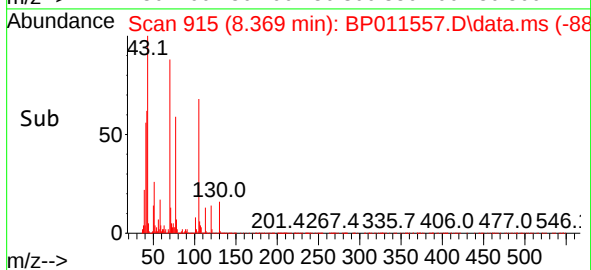
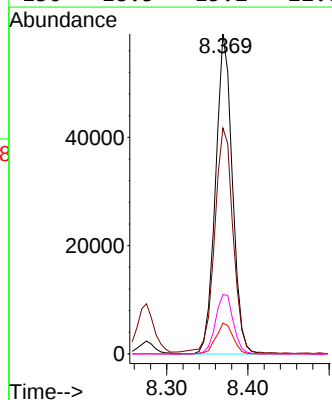
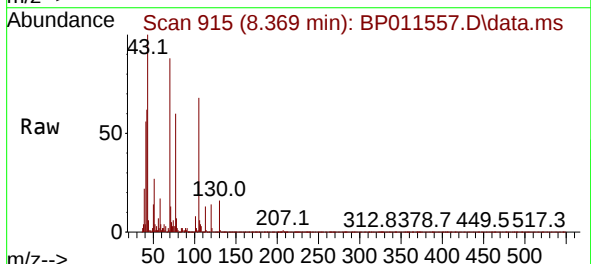
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ClientSampleId :

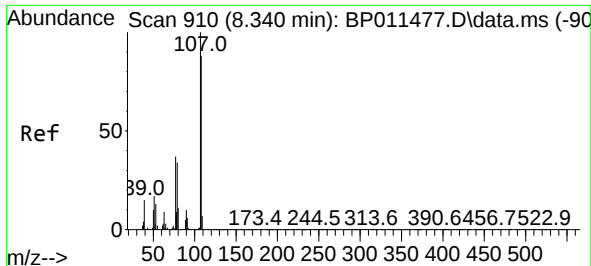
Tgt Ion:105 Resp: 164548
Ion Ratio Lower Upper
105 100
77 87.4 66.4 99.6
51 36.2 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 18.934 ng/ul
RT: 8.369 min Scan# 915
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion: 70 Resp: 85314
Ion Ratio Lower Upper
70 100
42 70.6 57.0 85.4
101 9.7 7.6 11.4
130 18.5 15.2 22.8

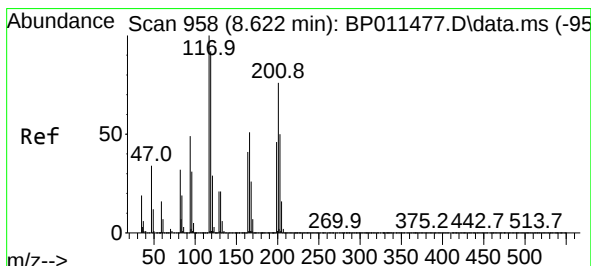
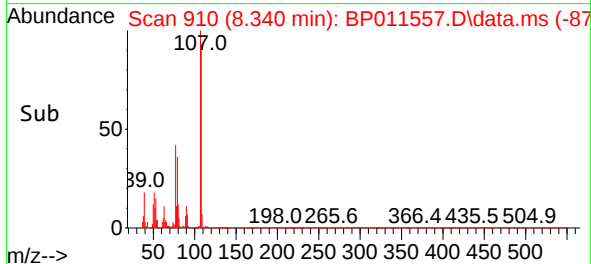
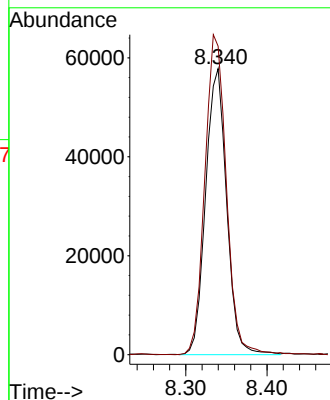
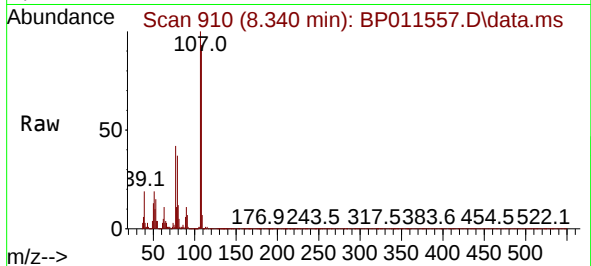




#18
4-Methylphenol
Concen: 18.227 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

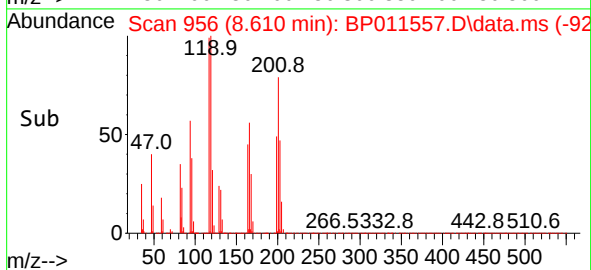
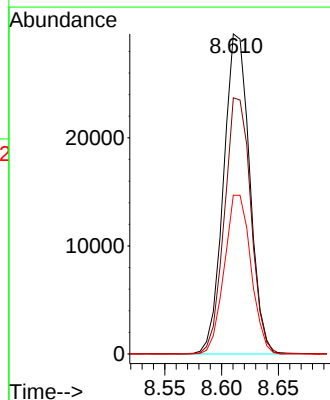
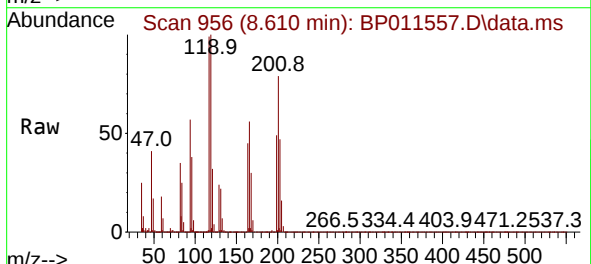
Instrument :
BNA_P
ClientSampleId :

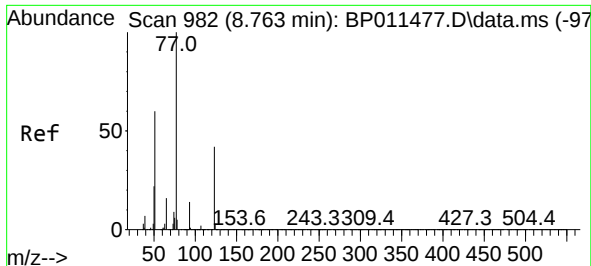
Tgt Ion:108 Resp: 103935
Ion Ratio Lower Upper
108 100
107 107.8 87.7 131.5



#19
Hexachloroethane
Concen: 19.399 ng/ul
RT: 8.610 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:117 Resp: 47379
Ion Ratio Lower Upper
117 100
201 80.1 64.2 96.4
199 49.6 41.0 61.6

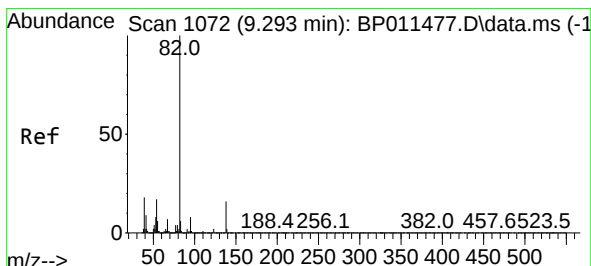
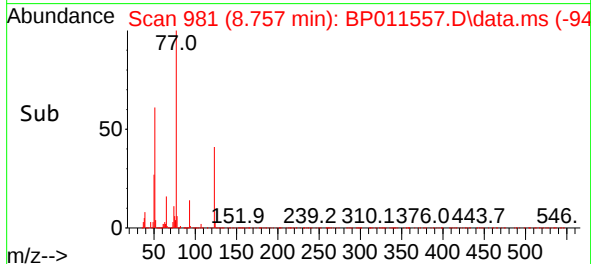
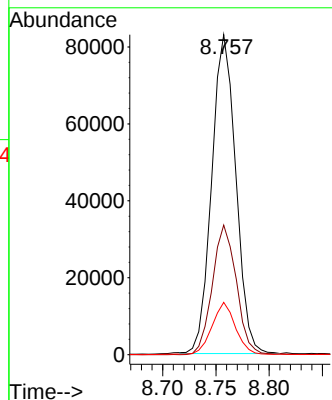
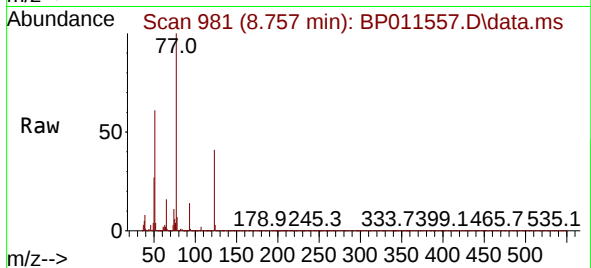




#22
Nitrobenzene
Concen: 20.254 ng/ul
RT: 8.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

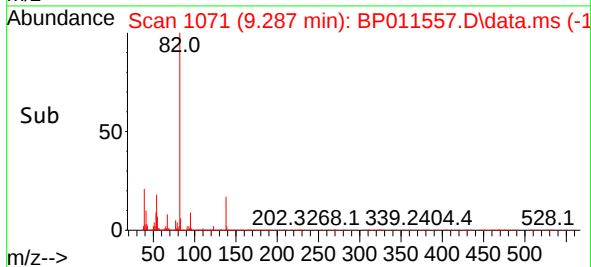
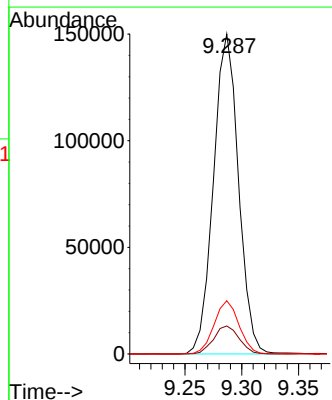
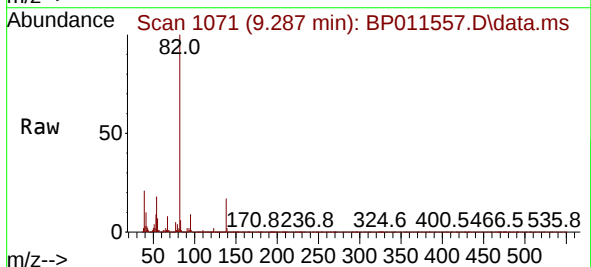
Instrument :
BNA_P
ClientSampleId :

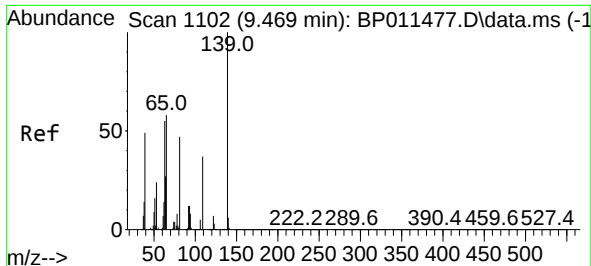
Tgt Ion: 77 Resp: 130337
Ion Ratio Lower Upper
77 100
123 40.5 30.4 45.6
65 16.4 11.5 17.3



#23
Isophorone
Concen: 20.310 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion: 82 Resp: 229418
Ion Ratio Lower Upper
82 100
95 8.7 7.1 10.7
138 16.7 12.6 19.0

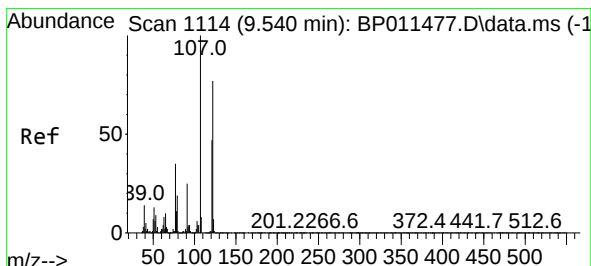
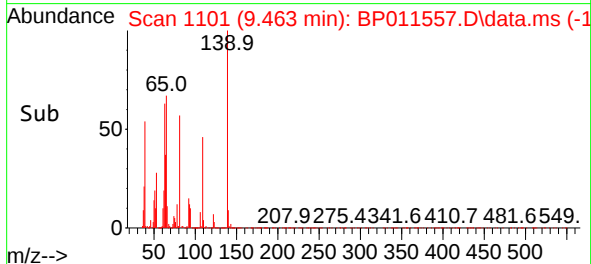
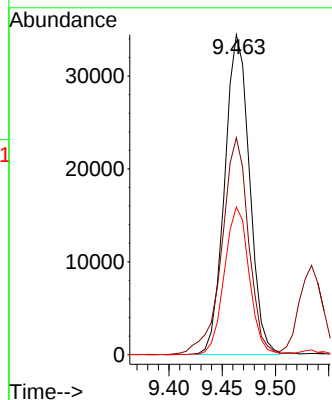
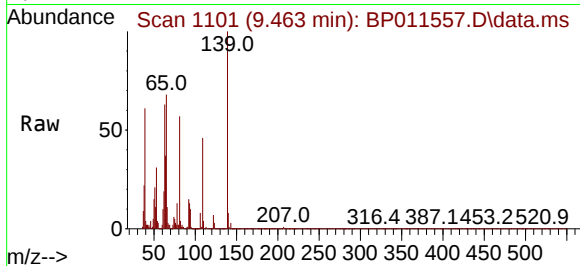




#25
2-Nitrophenol
Concen: 21.092 ng/ul
RT: 9.463 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

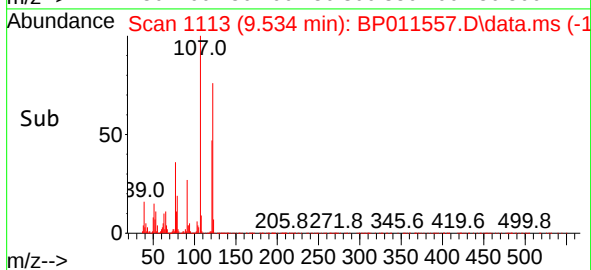
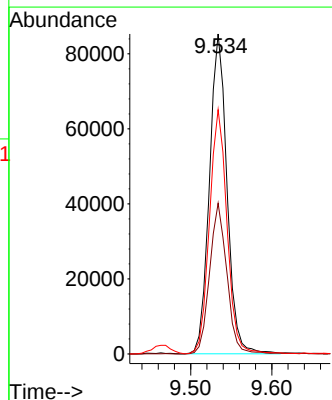
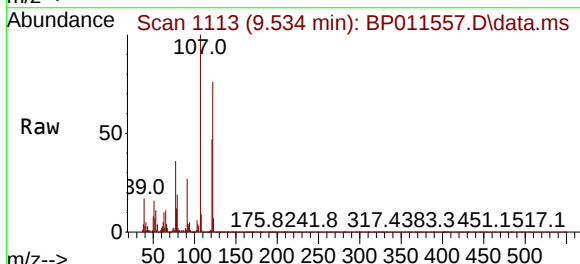
Instrument :
BNA_P
ClientSampleId :

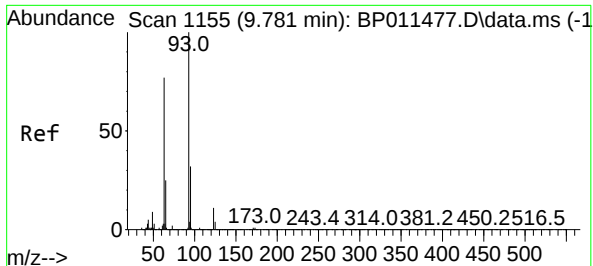
Tgt Ion:139 Resp: 55913
Ion Ratio Lower Upper
139 100
65 67.8 50.4 75.6
109 46.1 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 20.321 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:107 Resp: 127910
Ion Ratio Lower Upper
107 100
121 47.1 36.6 55.0
122 76.3 58.7 88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 19.882 ng/ul

RT: 9.775 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

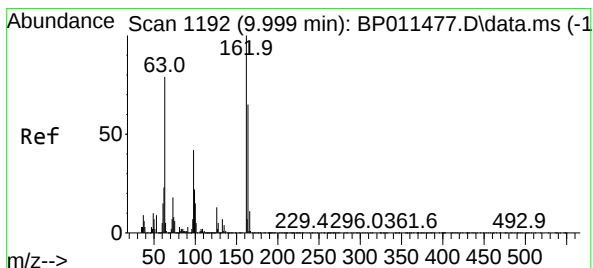
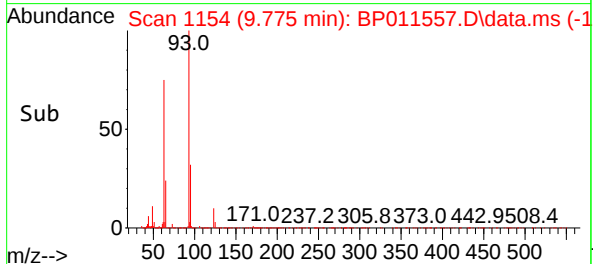
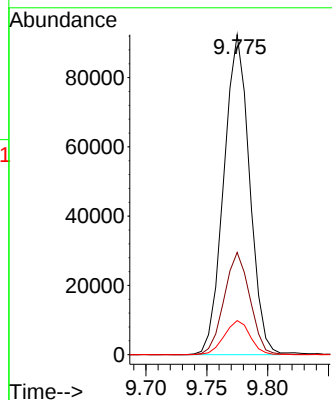
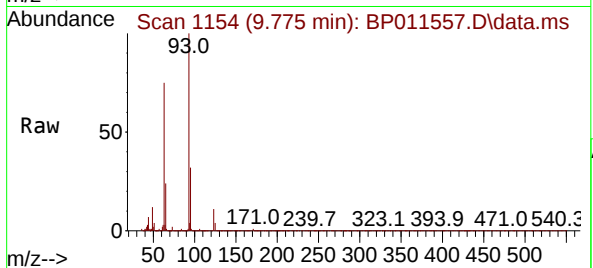
Tgt Ion: 93 Resp: 135757

Ion Ratio Lower Upper

93 100

95 32.0 24.8 37.2

123 10.6 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 20.680 ng/ul

RT: 9.993 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

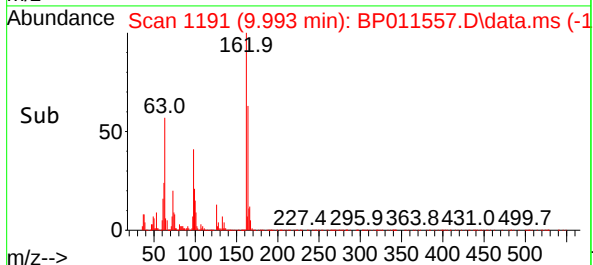
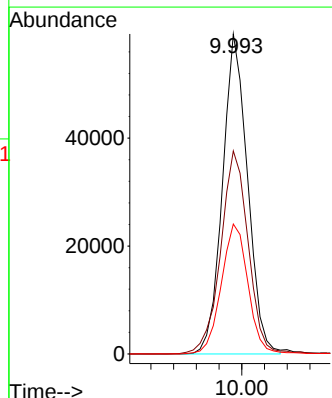
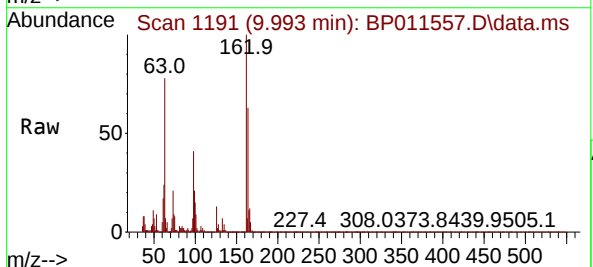
Tgt Ion:162 Resp: 90771

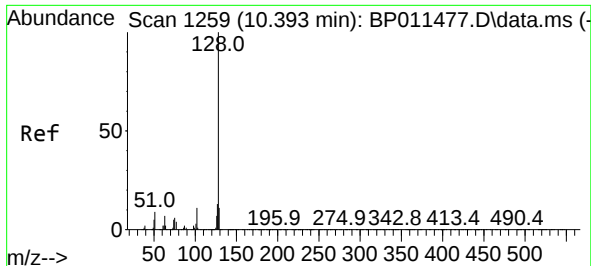
Ion Ratio Lower Upper

162 100

164 63.4 50.2 75.2

98 40.6 32.9 49.3

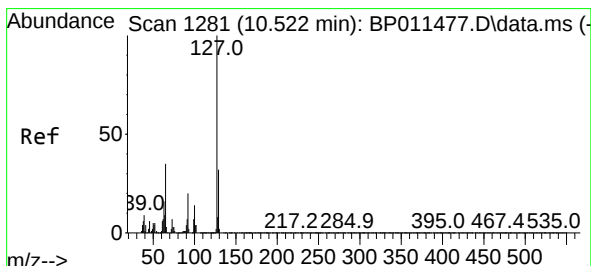
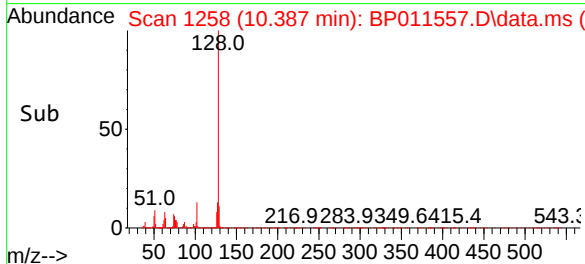
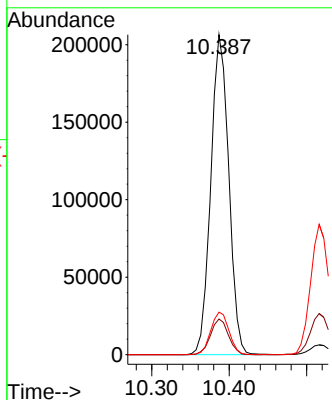
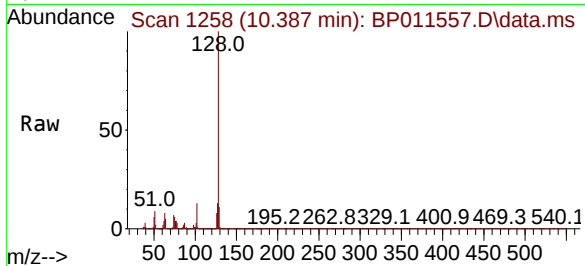




#30
Naphthalene
Concen: 19.840 ng/ul
RT: 10.387 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

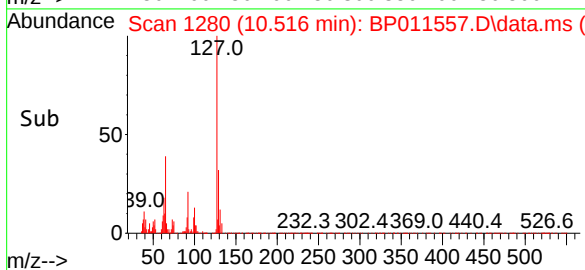
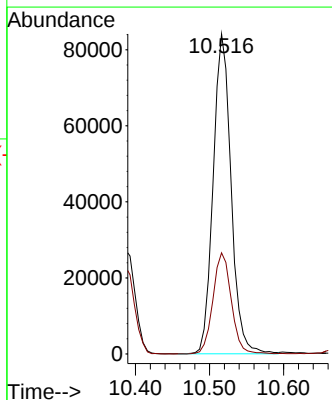
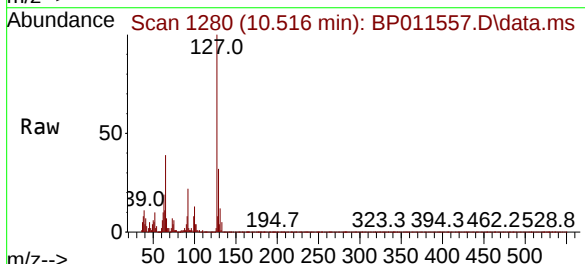
Instrument :
BNA_P
ClientSampleId :

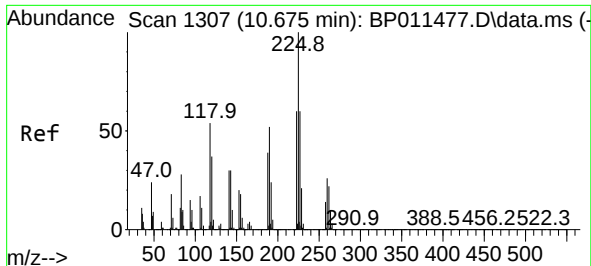
Tgt Ion:128 Resp: 332193
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 19.117 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:127 Resp: 141411
Ion Ratio Lower Upper
127 100
129 31.6 25.1 37.7

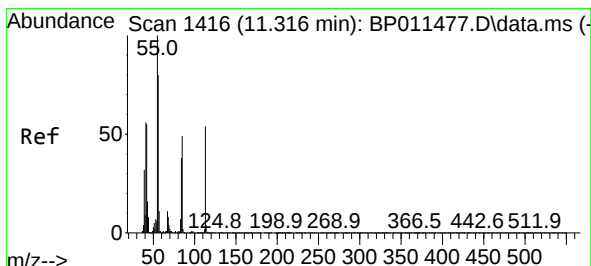
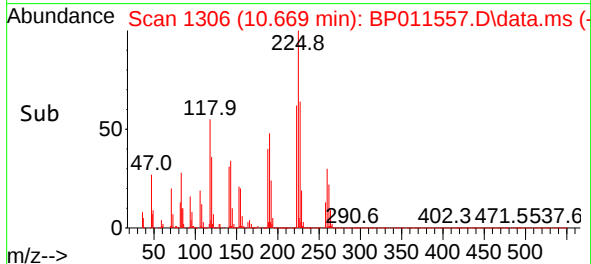
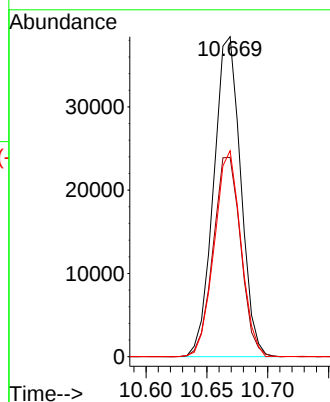
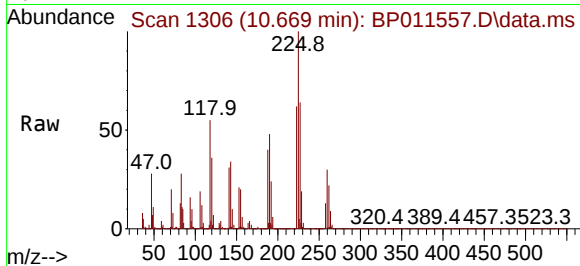




#33
Hexachlorobutadiene
Concen: 21.258 ng/ul
RT: 10.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

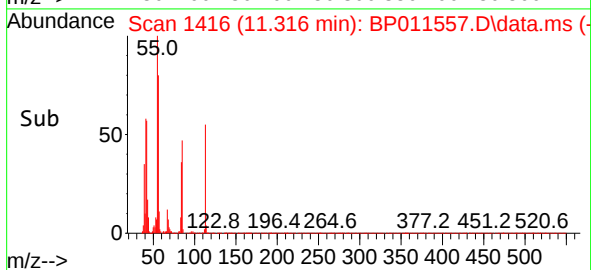
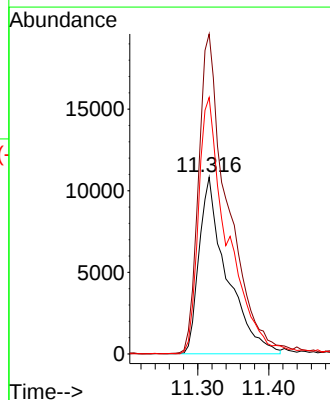
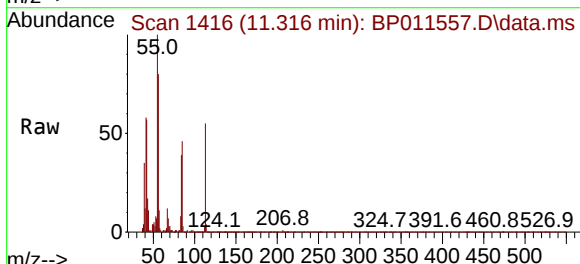
Instrument :
BNA_P
ClientSampleId :

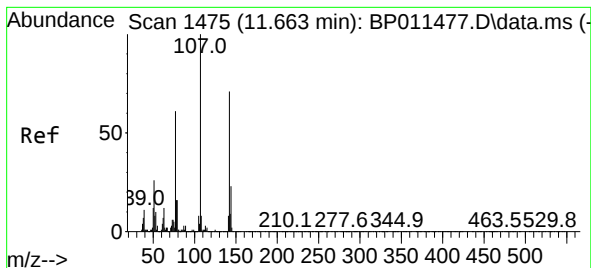
Tgt Ion:225 Resp: 59400
Ion Ratio Lower Upper
225 100
223 62.3 47.8 71.8
227 64.4 50.0 75.0



#34
Caprolactam
Concen: 18.345 ng/ul
RT: 11.316 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:113 Resp: 29196
Ion Ratio Lower Upper
113 100
55 181.0 153.4 230.2
56 145.1 119.6 179.4

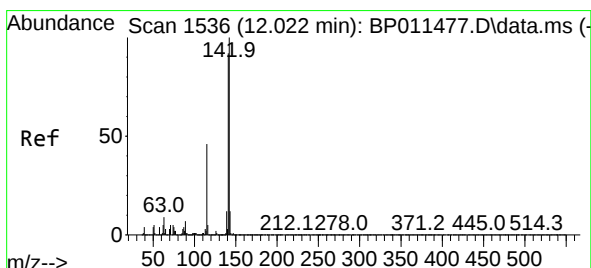
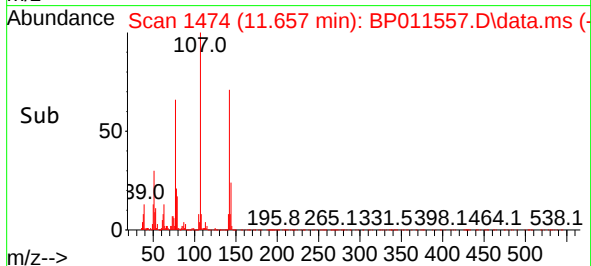
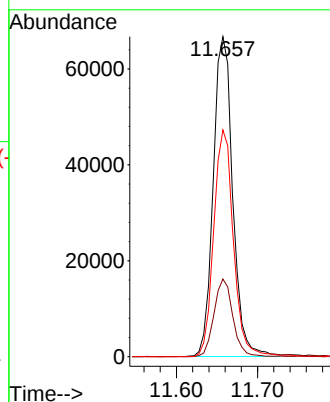
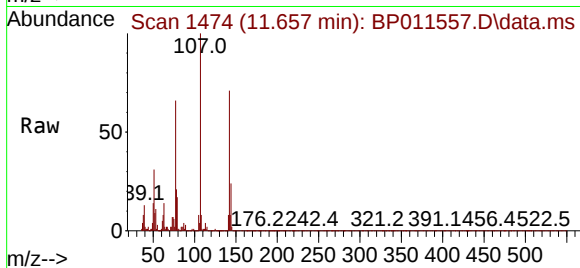




#35
4-Chloro-3-methylphenol
Concen: 20.088 ng/ul
RT: 11.657 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

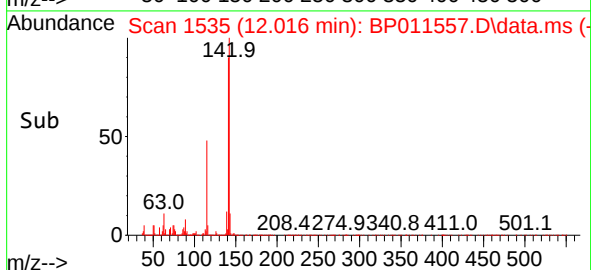
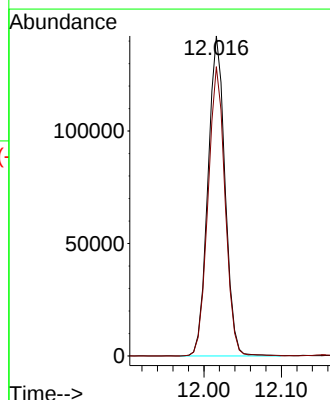
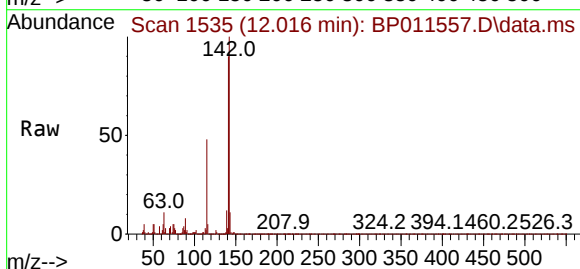
Instrument :
BNA_P
ClientSampleId :

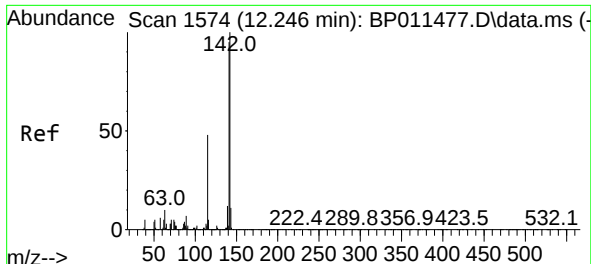
Tgt Ion:107 Resp: 111479
Ion Ratio Lower Upper
107 100
144 24.3 18.3 27.5
142 70.9 55.8 83.8



#36
2-Methylnaphthalene
Concen: 19.974 ng/ul
RT: 12.016 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:142 Resp: 217590
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0

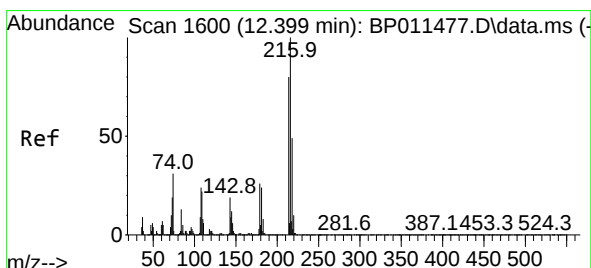
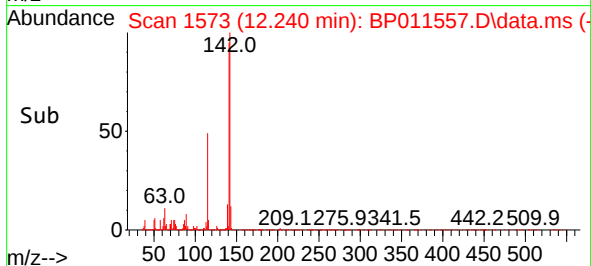
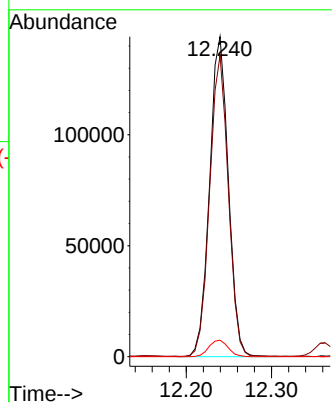
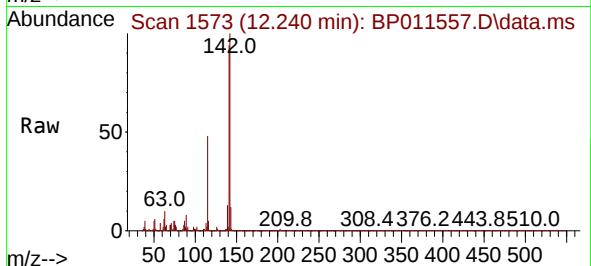




#37
1-Methylnaphthalene
Concen: 19.949 ng/ul
RT: 12.240 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

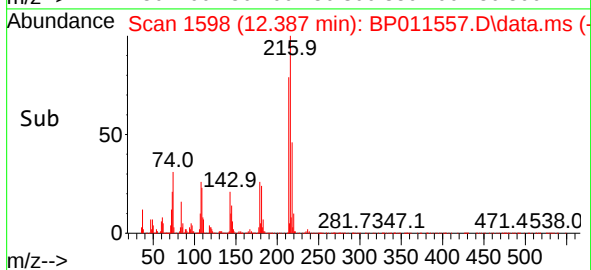
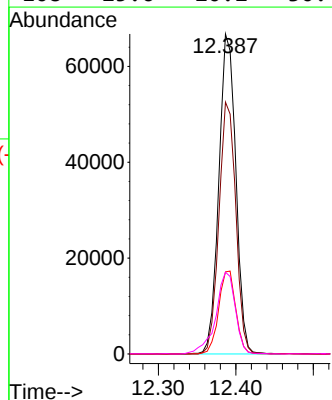
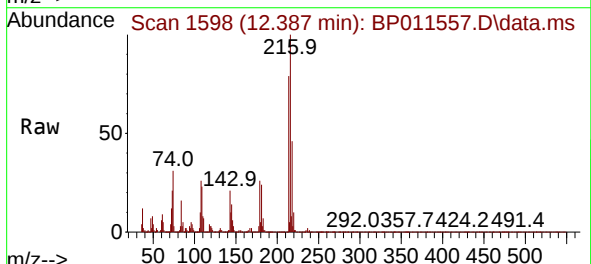
Instrument :
BNA_P
ClientSampleId :

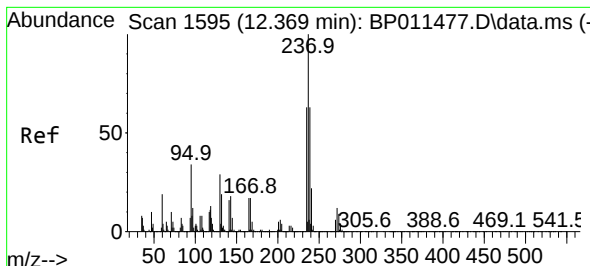
Tgt Ion:142 Resp: 220412
Ion Ratio Lower Upper
142 100
141 94.1 73.0 109.6
116 5.2 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.124 ng/ul
RT: 12.387 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:216 Resp: 101752
Ion Ratio Lower Upper
216 100
214 78.7 60.4 90.6
179 25.6 20.0 30.0
108 25.6 20.2 30.4





#40

Hexachlorocyclopentadiene

Concen: 16.949 ng/ul

RT: 12.363 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BP011557.D

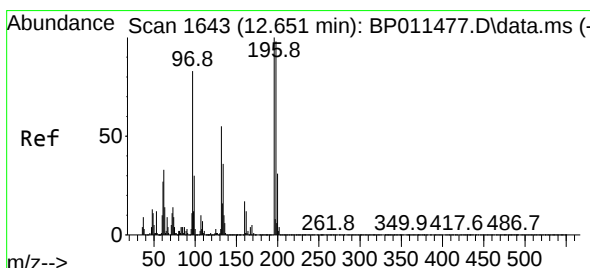
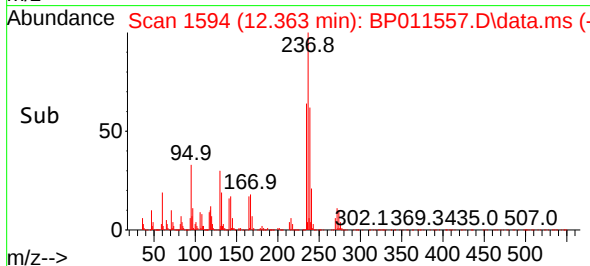
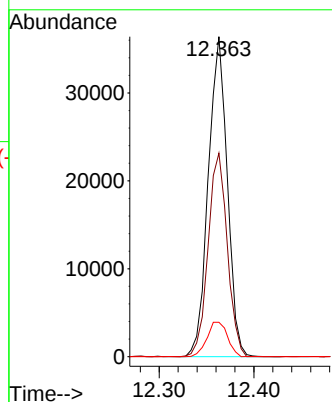
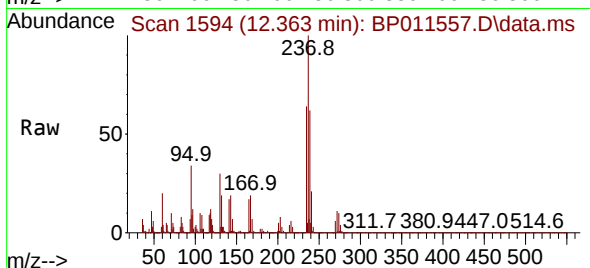
Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	50649
Ion Ratio	Lower	Upper
237	100	
235	63.6	50.9 76.3
272	10.8	11.0 16.4#



#41

2,4,6-Trichlorophenol

Concen: 21.543 ng/ul

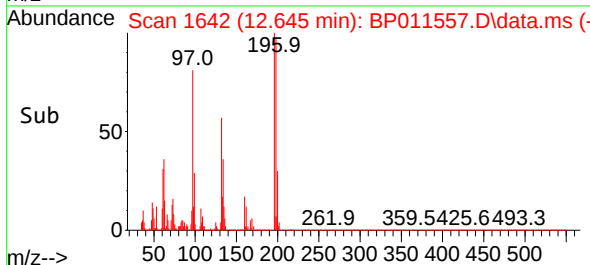
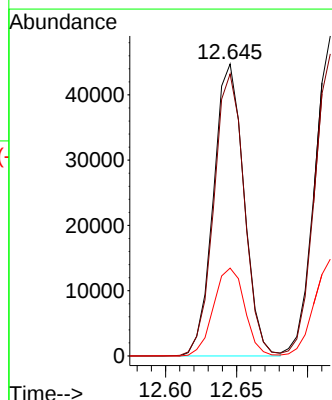
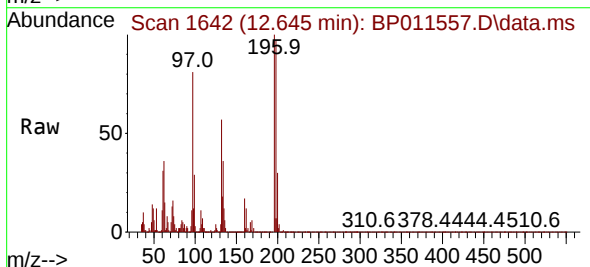
RT: 12.645 min Scan# 1642

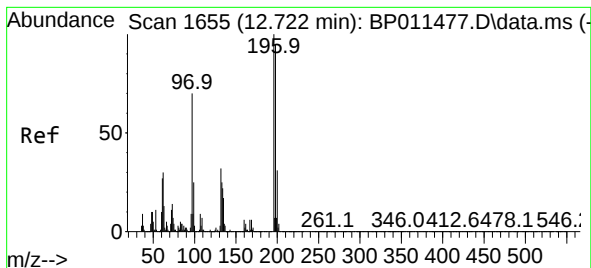
Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Tgt Ion:196	Resp:	66785
Ion Ratio	Lower	Upper
196	100	
198	96.6	75.6 113.4
200	30.1	23.1 34.7





#42

2,4,5-Trichlorophenol

Concen: 20.738 ng/ul

RT: 12.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

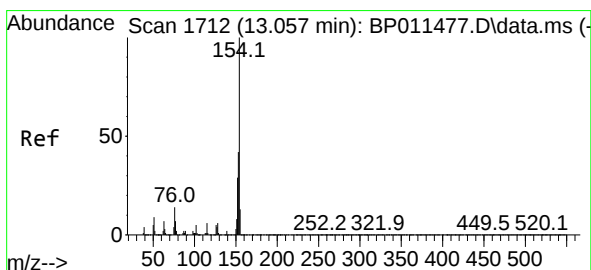
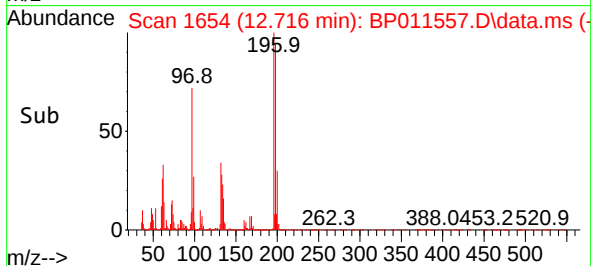
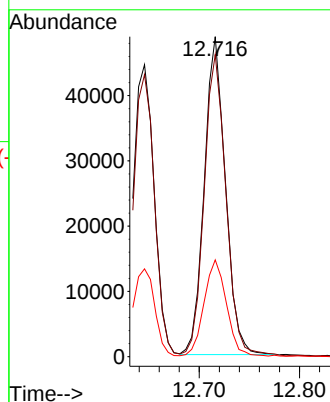
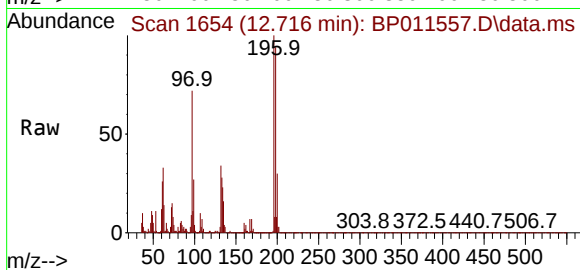
Tgt Ion:196 Resp: 71569

Ion Ratio Lower Upper

196 100

198 94.4 75.6 113.4

200 30.2 23.8 35.6



#43

1,1'-Biphenyl

Concen: 20.272 ng/ul

RT: 13.051 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

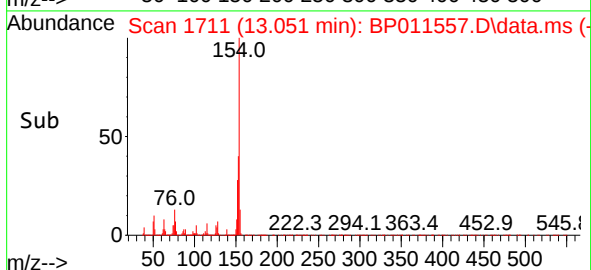
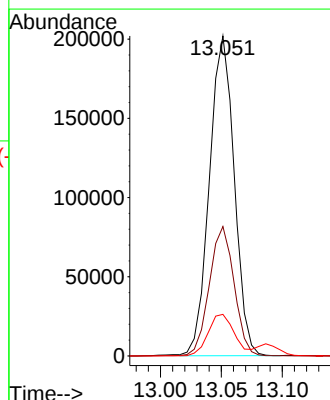
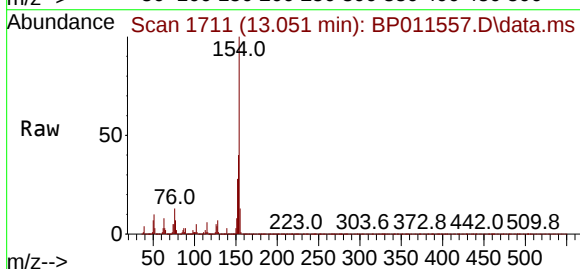
Tgt Ion:154 Resp: 286655

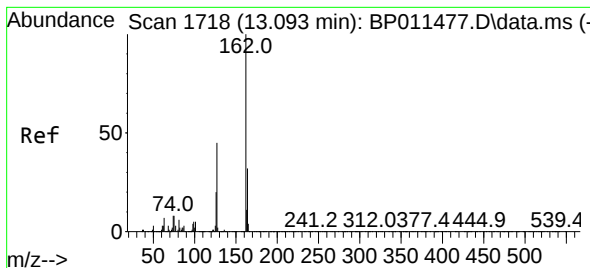
Ion Ratio Lower Upper

154 100

153 40.4 32.2 48.4

76 13.0 11.6 17.4





#44

2-Chloronaphthalene

Concen: 20.306 ng/ul

RT: 13.087 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

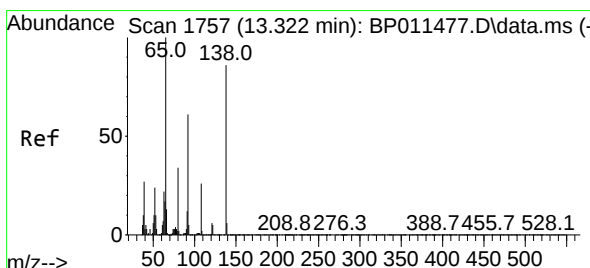
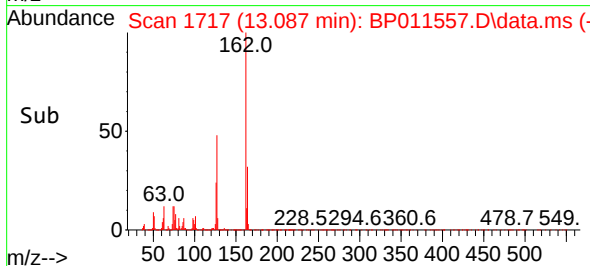
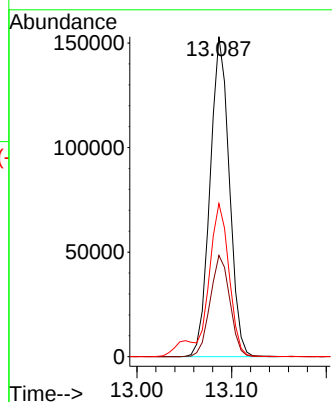
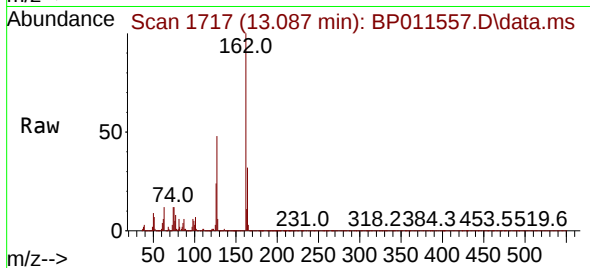
Tgt Ion:162 Resp: 216376

Ion Ratio Lower Upper

162 100

164 31.6 26.4 39.6

127 47.9 37.4 56.2



#45

2-Nitroaniline

Concen: 21.233 ng/ul

RT: 13.316 min Scan# 1756

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

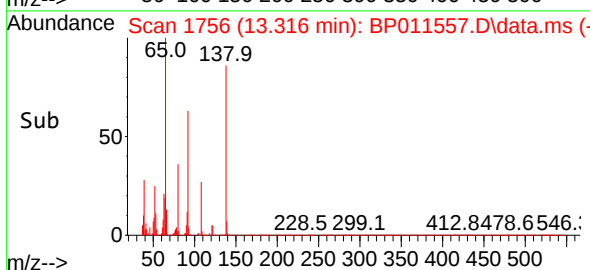
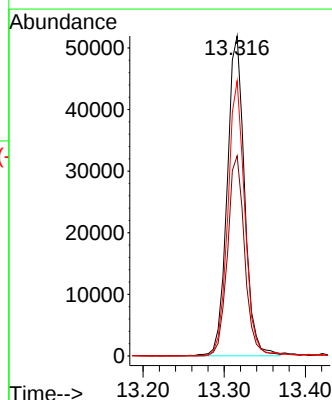
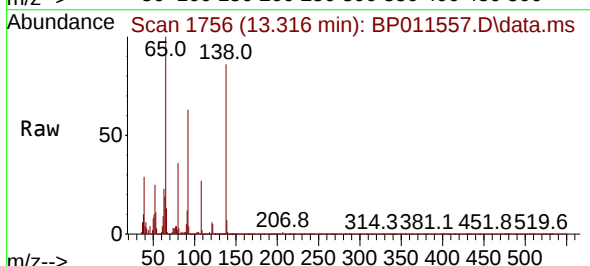
Tgt Ion: 65 Resp: 77222

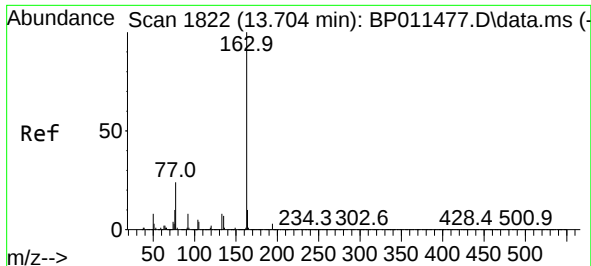
Ion Ratio Lower Upper

65 100

92 62.5 50.8 76.2

138 86.0 66.7 100.1





#47

Dimethylphthalate

Concen: 20.232 ng/ul

RT: 13.698 min Scan# 1821

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

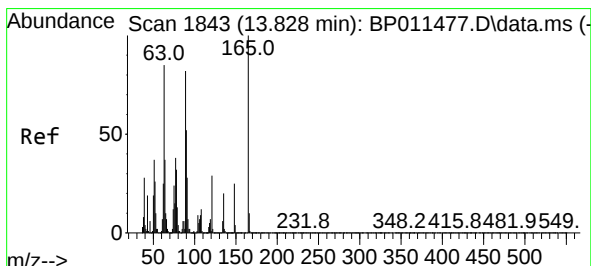
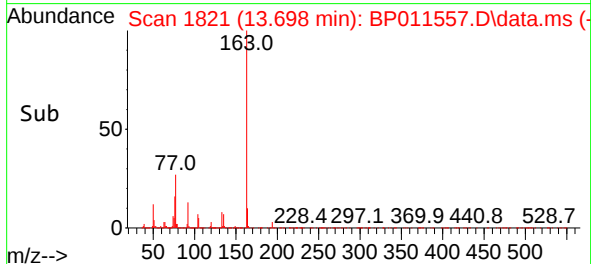
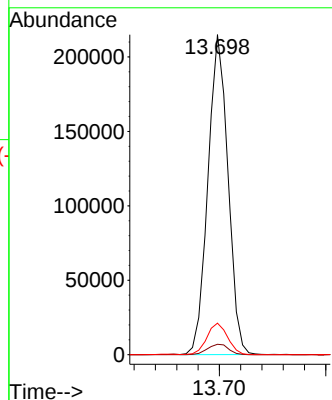
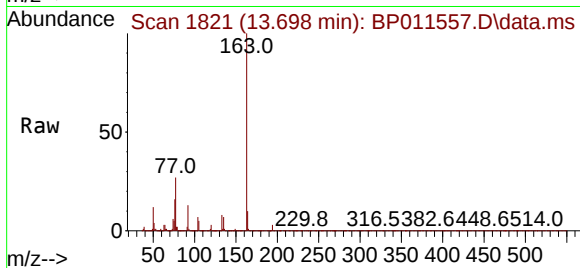
Tgt Ion:163 Resp: 280682

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 9.9 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 20.855 ng/ul

RT: 13.822 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

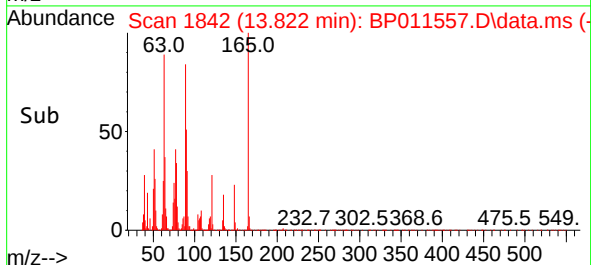
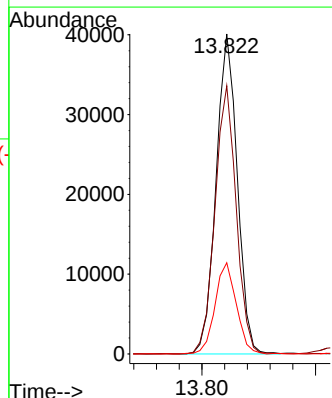
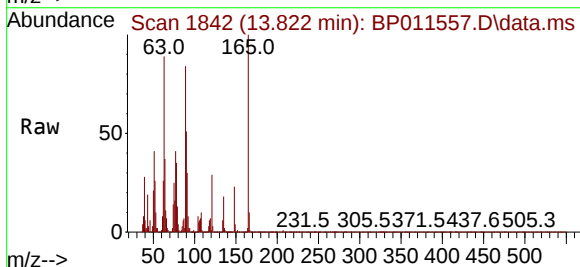
Tgt Ion:165 Resp: 52016

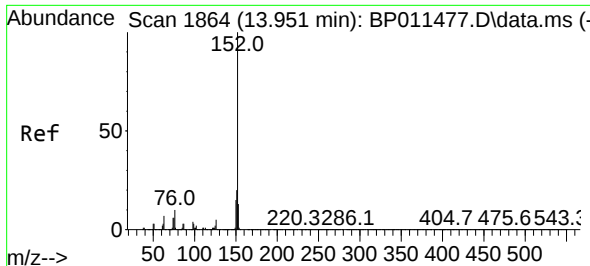
Ion Ratio Lower Upper

165 100

89 83.8 66.6 99.8

121 28.5 21.0 31.6

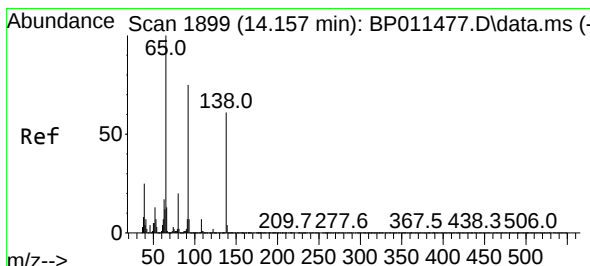
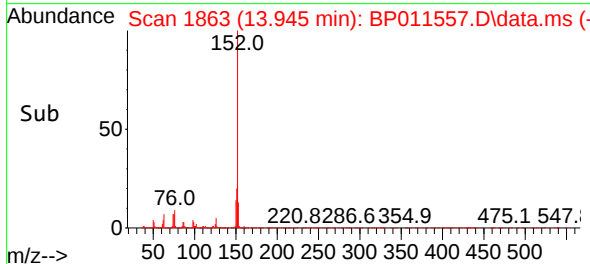
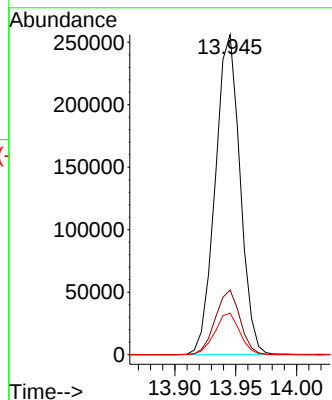
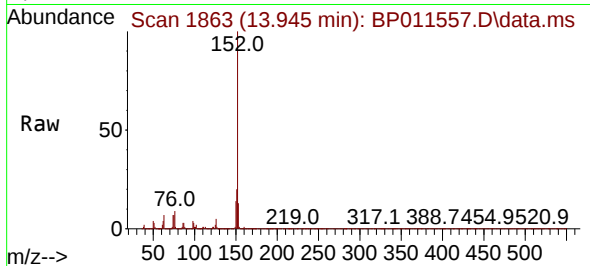




#50
Acenaphthylene
Concen: 20.475 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

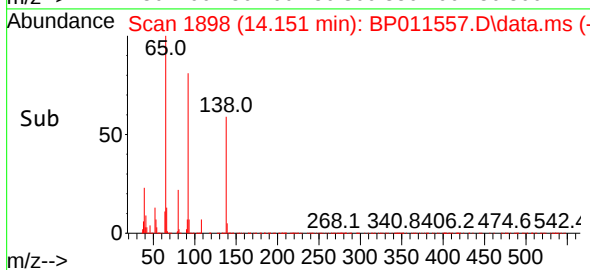
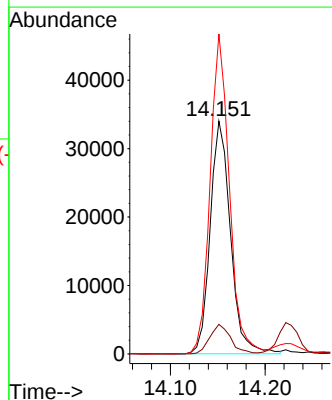
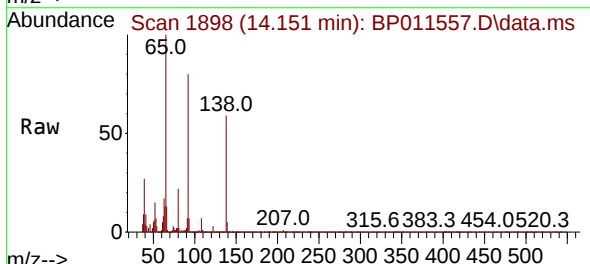
Instrument :
BNA_P
ClientSampleId :

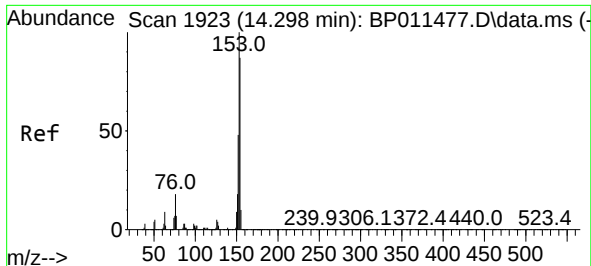
Tgt Ion:152 Resp: 362886
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 18.618 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:138 Resp: 50579
Ion Ratio Lower Upper
138 100
108 12.7 8.6 13.0
92 137.4 104.2 156.2

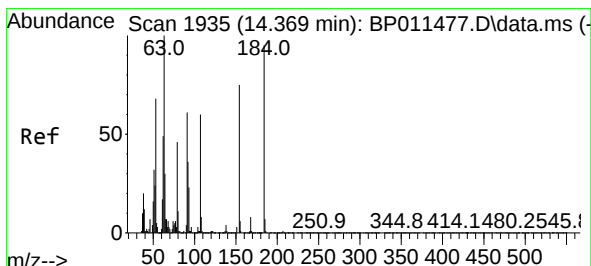
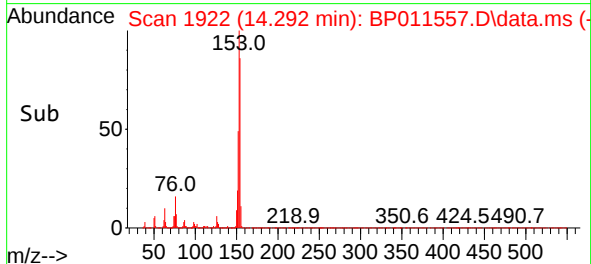
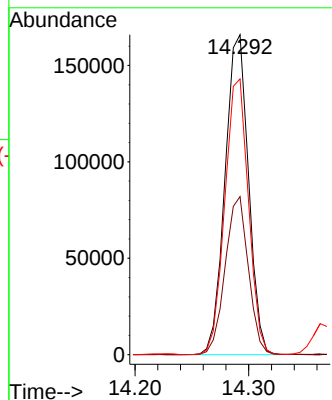
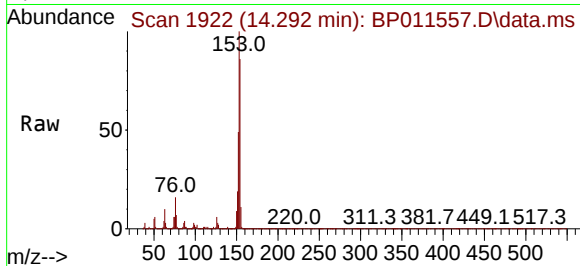




#52
Acenaphthene
Concen: 20.083 ng/ul
RT: 14.292 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

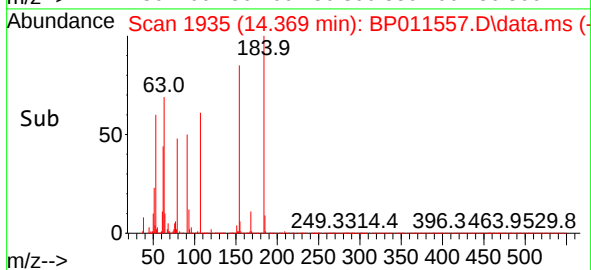
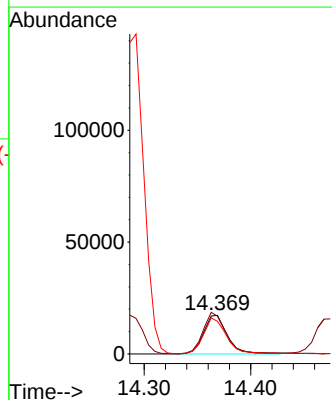
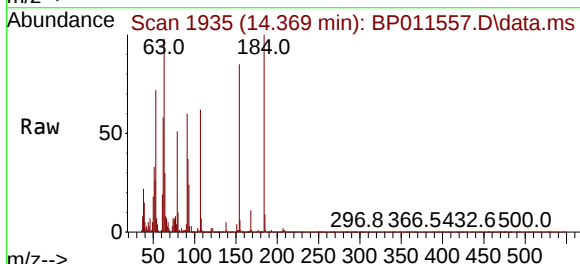
Instrument :
BNA_P
ClientSampleId :

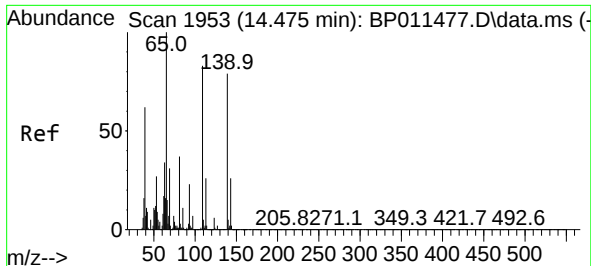
Tgt Ion:153 Resp: 238404
Ion Ratio Lower Upper
153 100
152 49.4 37.7 56.5
154 86.2 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 17.651 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:184 Resp: 26945
Ion Ratio Lower Upper
184 100
63 97.9 82.5 123.7
154 84.7 66.6 100.0

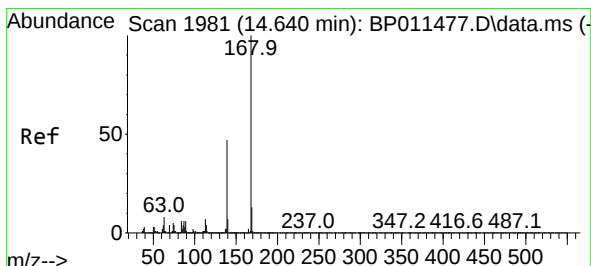
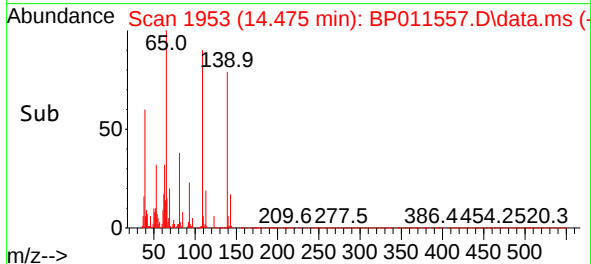
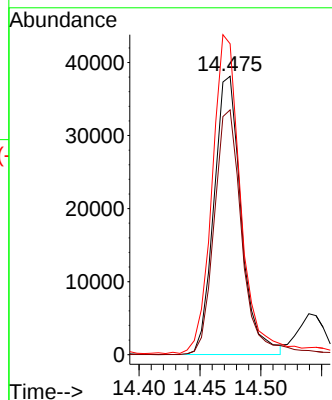
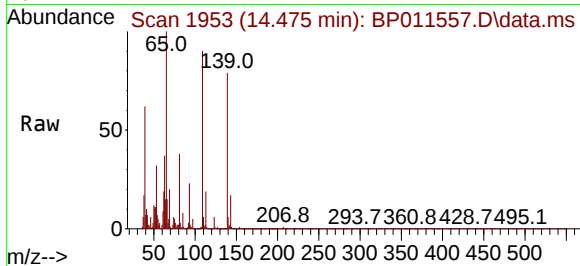




#55
4-Nitrophenol
Concen: 19.264 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

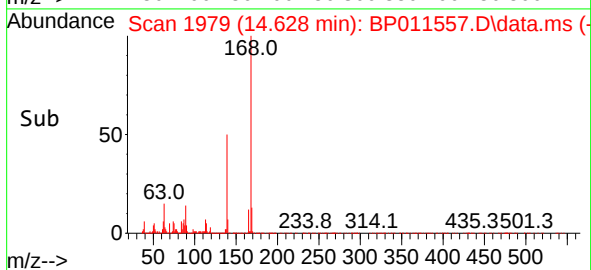
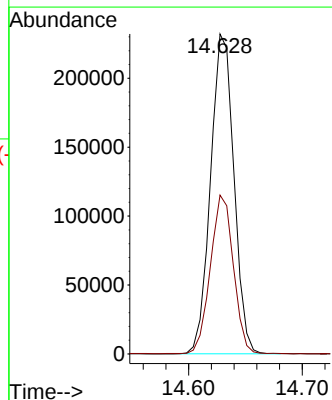
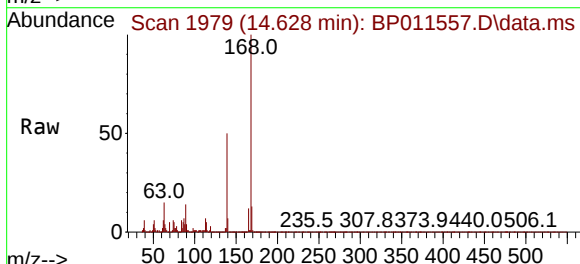
Instrument :
BNA_P
ClientSampleId :

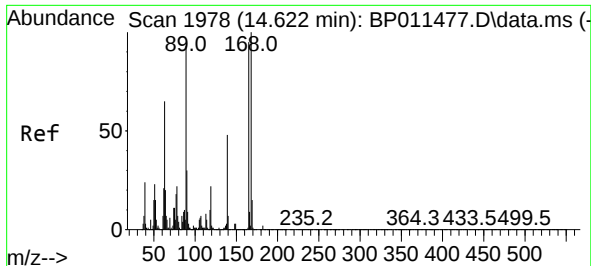
Tgt Ion	Ratio	Lower	Upper
109	100		
139	87.9	76.0	114.0
65	111.6	98.8	148.2



#56
Dibenzofuran
Concen: 20.234 ng/ul
RT: 14.628 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	49.7	38.4	57.6

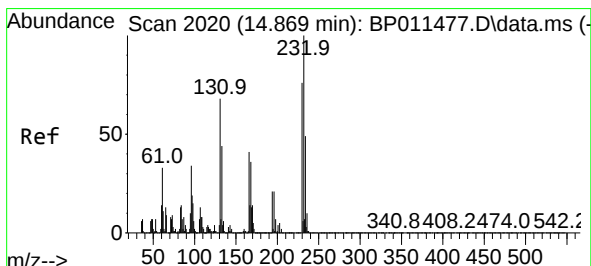
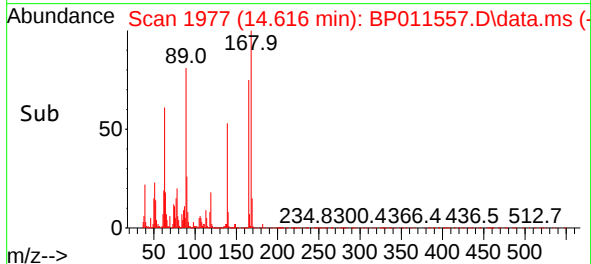
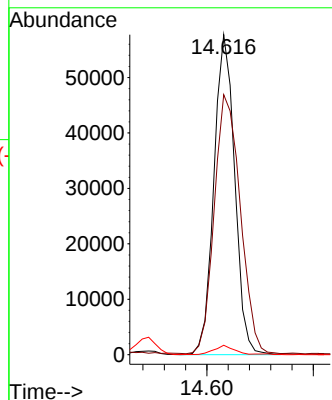
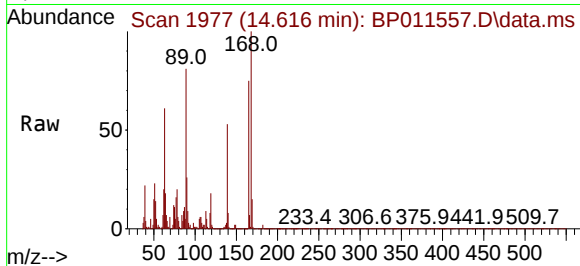




#57
2,4-Dinitrotoluene
Concen: 20.911 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

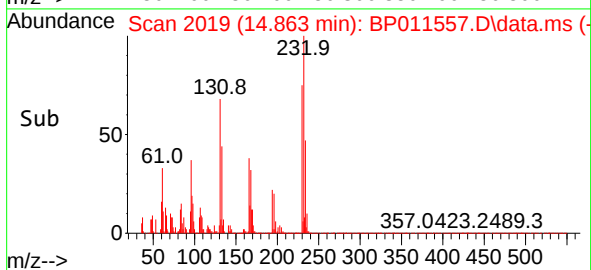
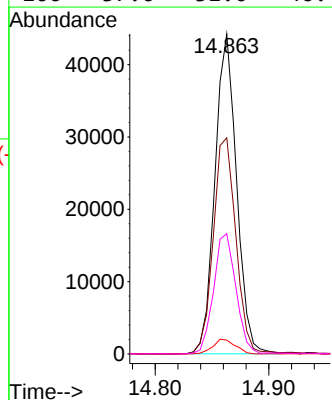
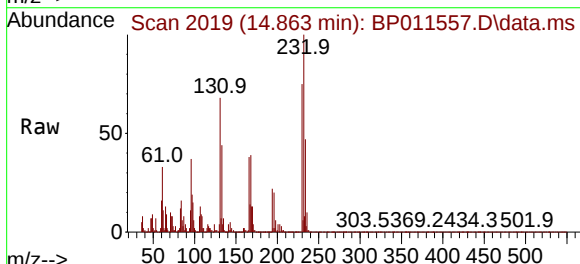
Instrument :
BNA_P
ClientSampleId :

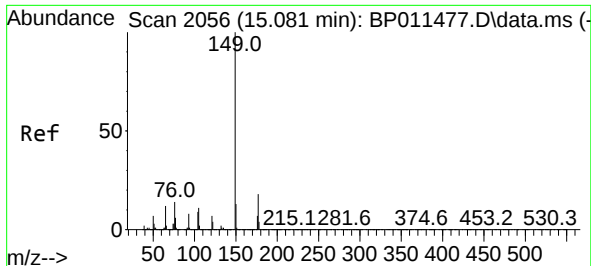
Tgt Ion:165 Resp: 78078
Ion Ratio Lower Upper
165 100
63 81.2 60.2 90.2
182 2.9 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.652 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:232 Resp: 58664
Ion Ratio Lower Upper
232 100
131 67.6 55.4 83.0
130 4.3 3.6 5.4
166 37.6 31.0 46.4

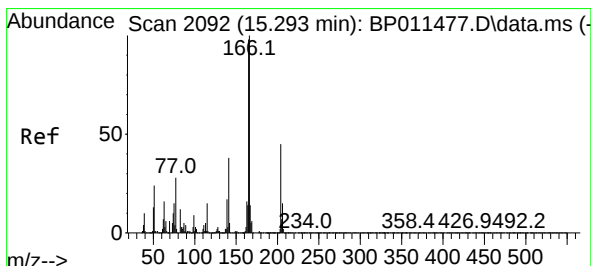
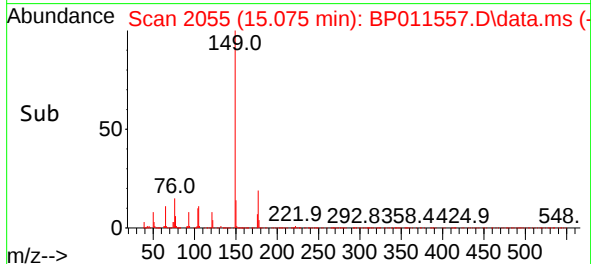
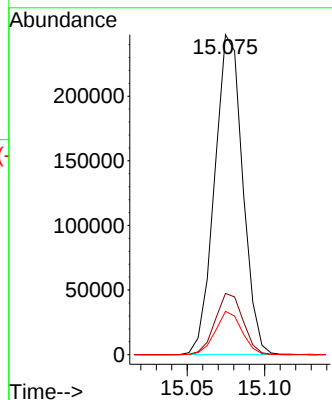
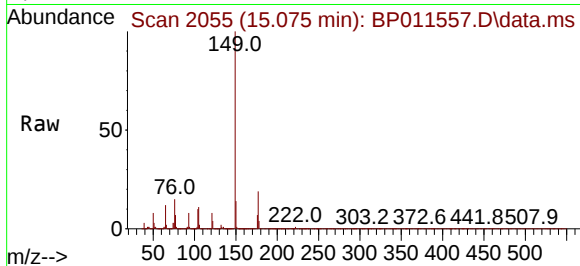




#59
Diethylphthalate
Concen: 20.493 ng/ul
RT: 15.075 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

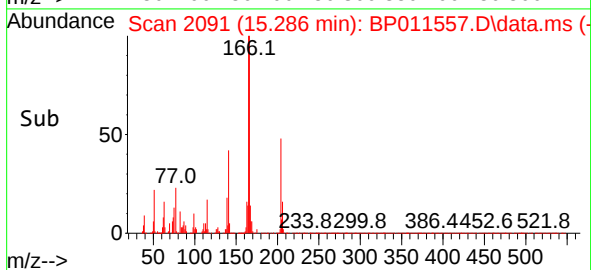
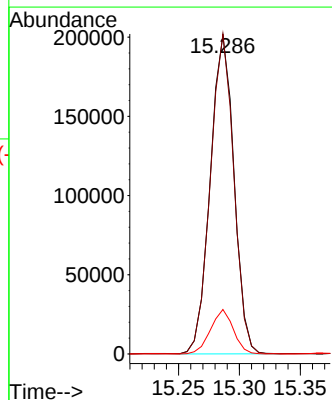
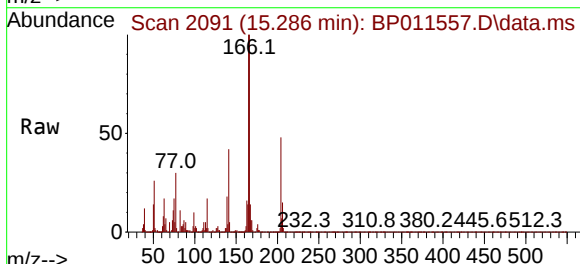
Instrument :
BNA_P
ClientSampleId :

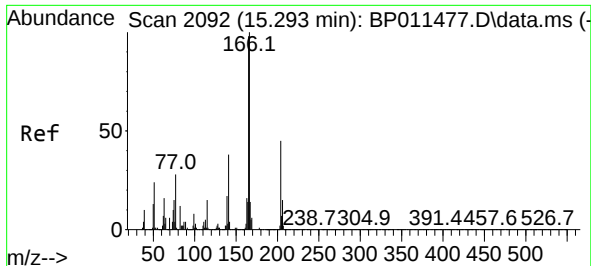
Tgt Ion:149 Resp: 311381
Ion Ratio Lower Upper
149 100
177 19.2 15.7 23.5
150 13.6 10.1 15.1



#61
Fluorene
Concen: 20.388 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:166 Resp: 273041
Ion Ratio Lower Upper
166 100
165 100.4 78.2 117.2
167 14.0 10.3 15.5

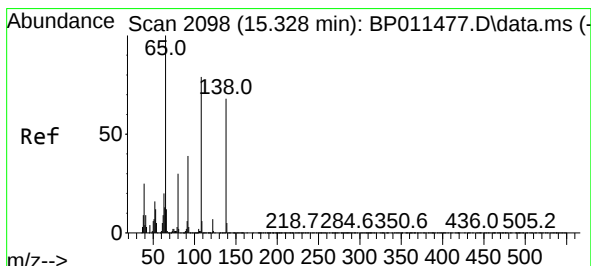
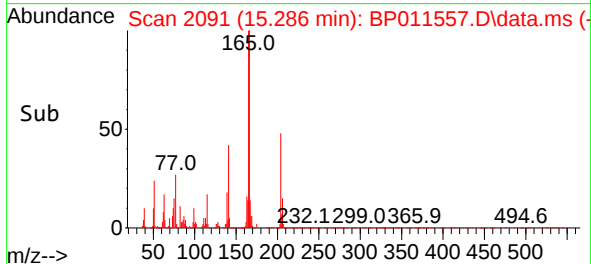
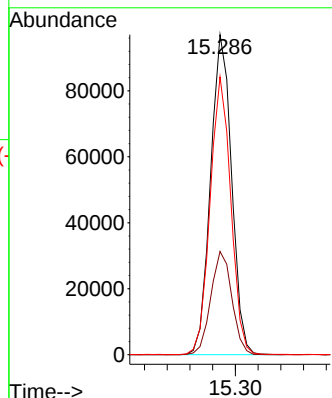
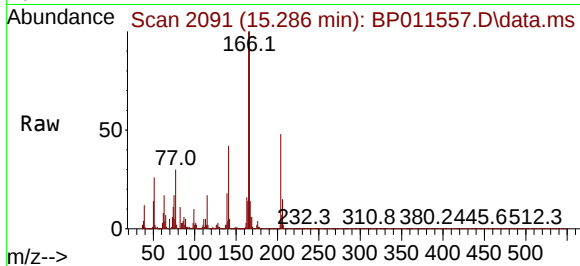




#62
4-Chlorophenyl-phenylether
Concen: 20.630 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

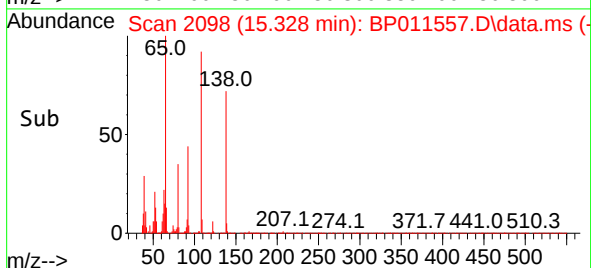
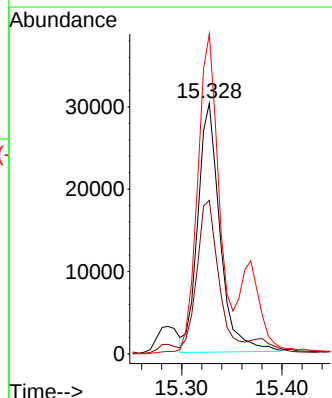
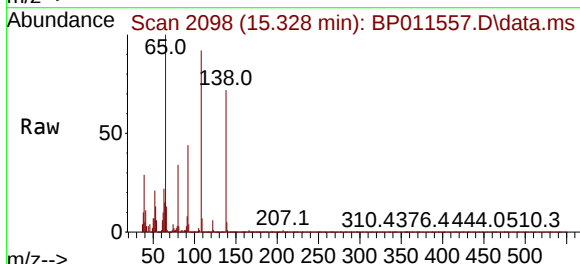
Instrument :
BNA_P
ClientSampleId :

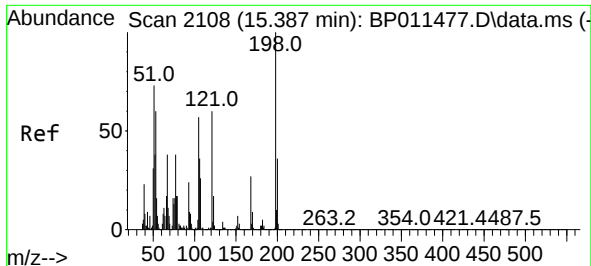
Tgt Ion:204 Resp: 124809
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 86.8 66.5 99.7



#63
4-Nitroaniline
Concen: 17.748 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:138 Resp: 46574
Ion Ratio Lower Upper
138 100
92 61.2 49.5 74.3
108 127.6 93.7 140.5

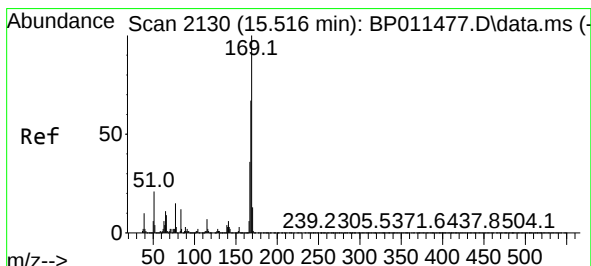
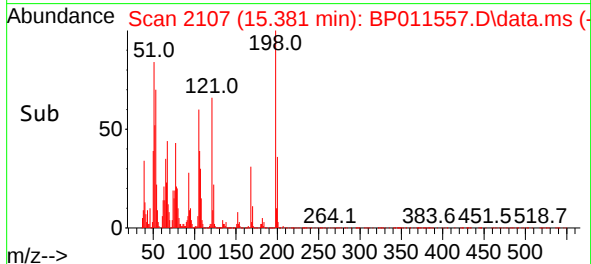
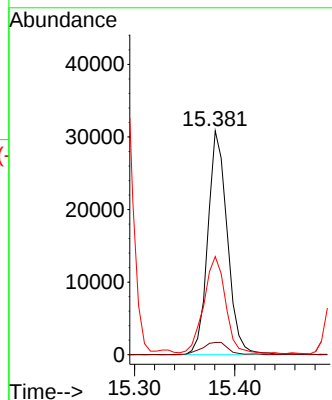
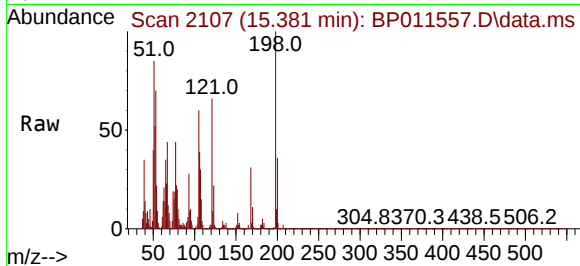




#66
4,6-Dinitro-2-methylphenol
Concen: 19.428 ng/ul
RT: 15.381 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

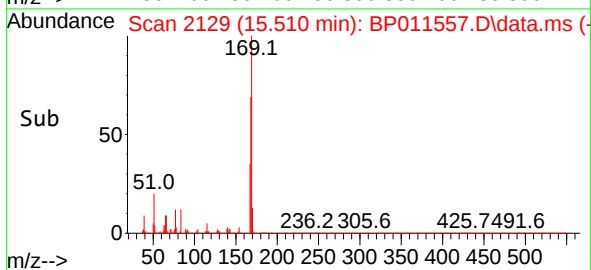
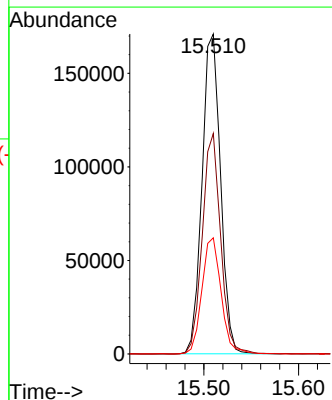
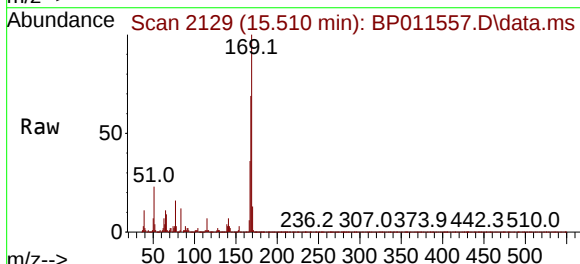
Instrument :
BNA_P
ClientSampleId :

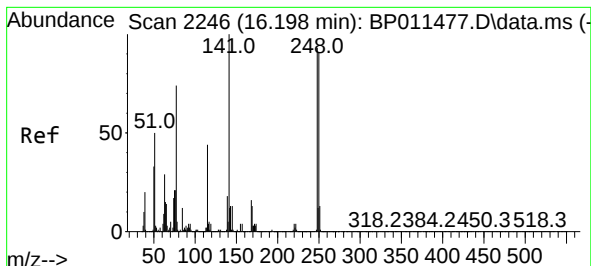
Tgt Ion:198 Resp: 41609
Ion Ratio Lower Upper
198 100
182 5.4 3.9 5.9
77 43.9 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 20.632 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:169 Resp: 231937
Ion Ratio Lower Upper
169 100
168 68.9 54.6 82.0
167 36.3 30.2 45.4

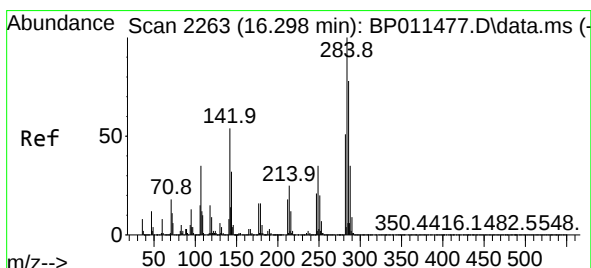
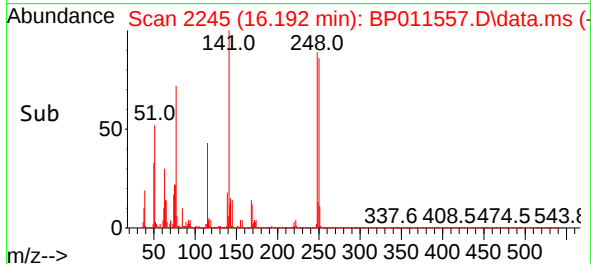
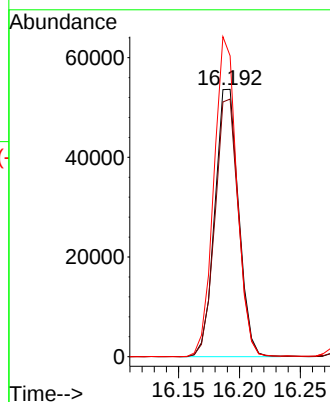
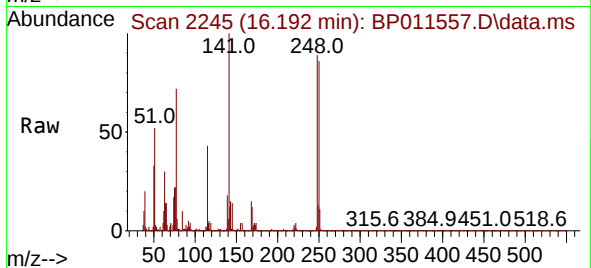




#68
4-Bromophenyl-phenylether
Concen: 21.331 ng/ul
RT: 16.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

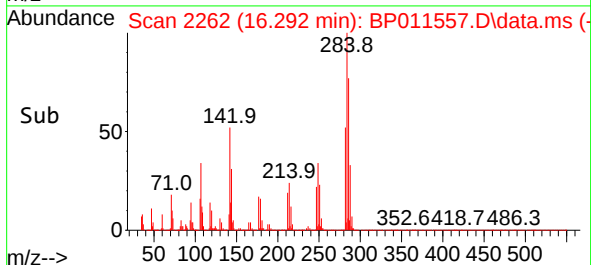
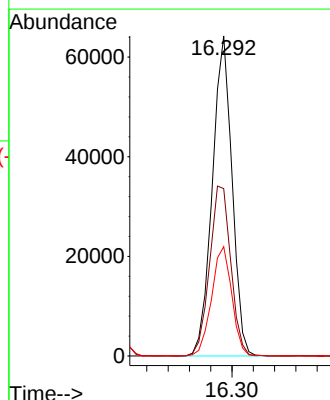
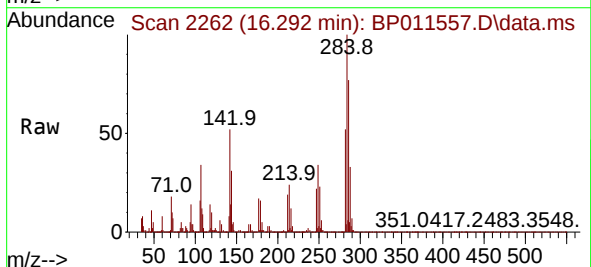
Instrument :
BNA_P
ClientSampleId :

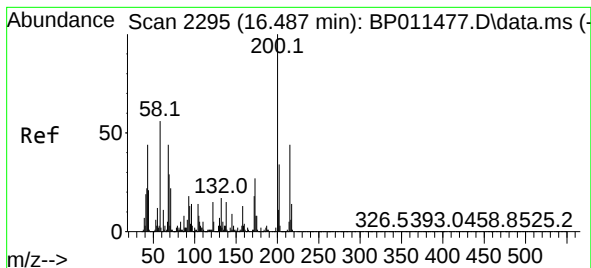
Tgt Ion:248	Resp:	72963
Ion Ratio	Lower	Upper
248	100	
250	96.4	82.8 124.2
141	112.5	90.8 136.2



#69
Hexachlorobenzene
Concen: 20.911 ng/ul
RT: 16.292 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:284	Resp:	82429
Ion Ratio	Lower	Upper
284	100	
142	52.3	43.5 65.3
249	34.2	28.4 42.6





#70

Atrazine

Concen: 19.900 ng/ul

RT: 16.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

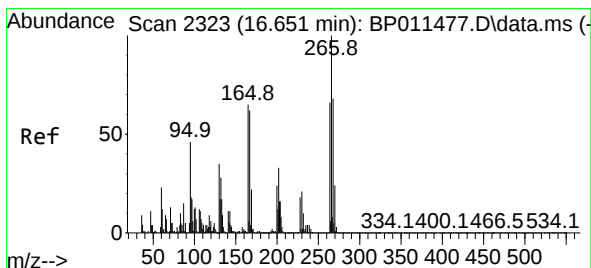
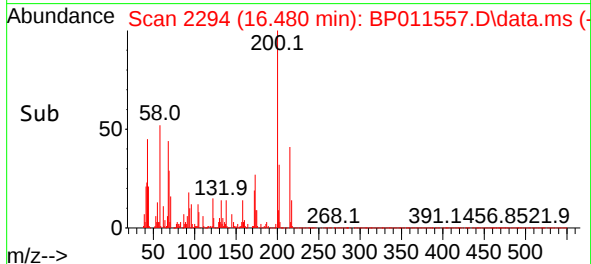
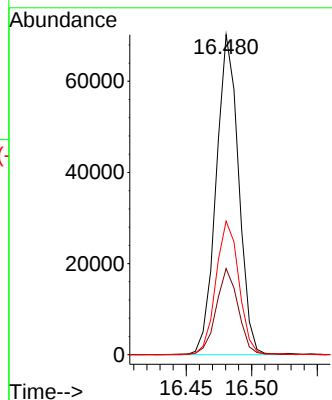
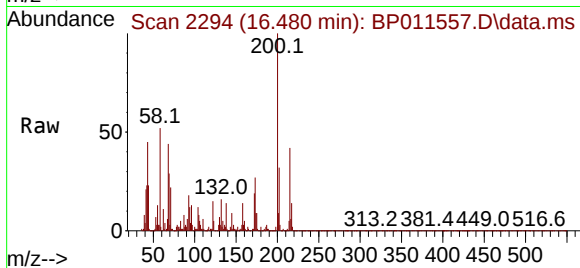
Tgt Ion:200 Resp: 83485

Ion Ratio Lower Upper

200 100

173 26.9 22.0 33.0

215 41.8 36.3 54.5



#71

Pentachlorophenol

Concen: 19.598 ng/ul

RT: 16.645 min Scan# 2322

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

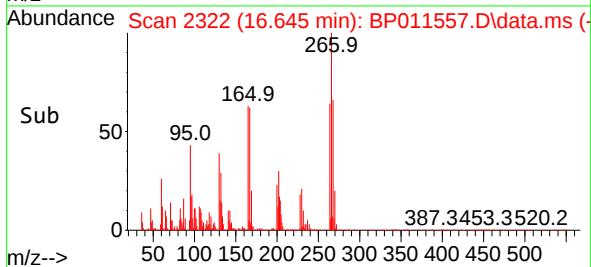
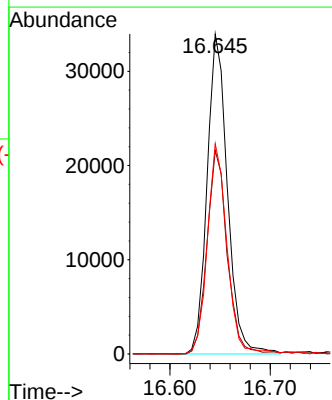
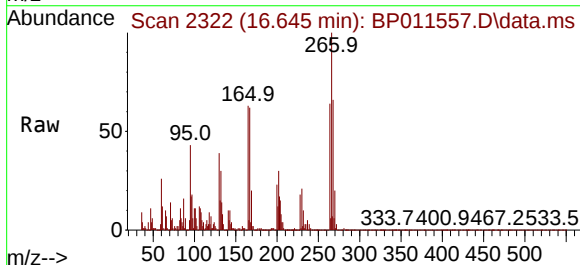
Tgt Ion:266 Resp: 47903

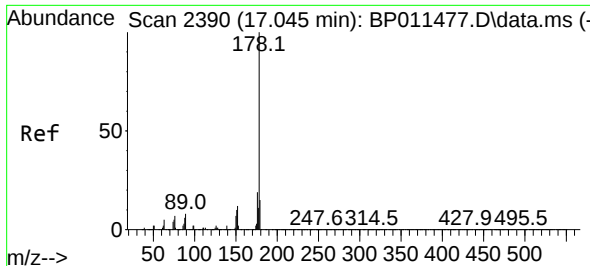
Ion Ratio Lower Upper

266 100

264 63.6 50.6 76.0

268 65.7 51.3 76.9

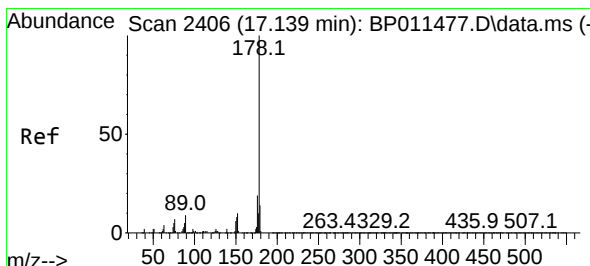
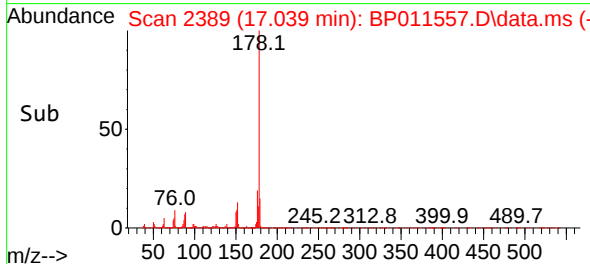
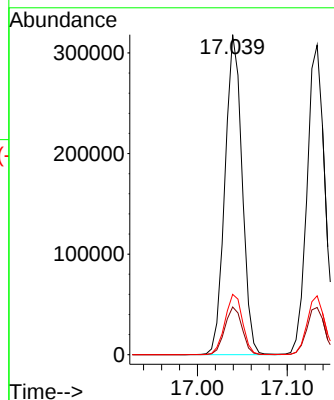
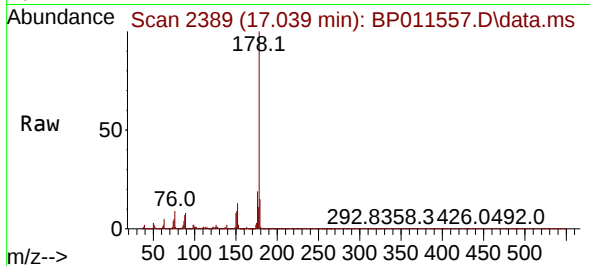




#72
Phenanthrene
Concen: 20.338 ng/ul
RT: 17.039 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

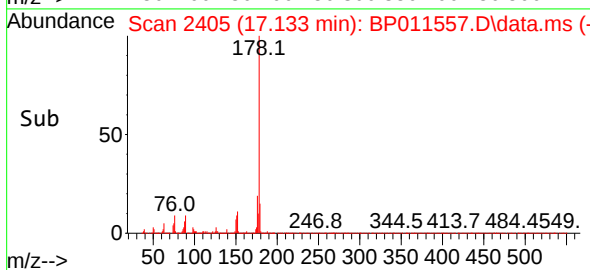
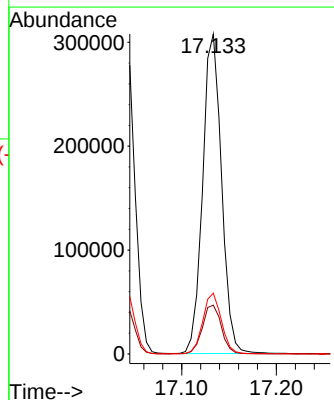
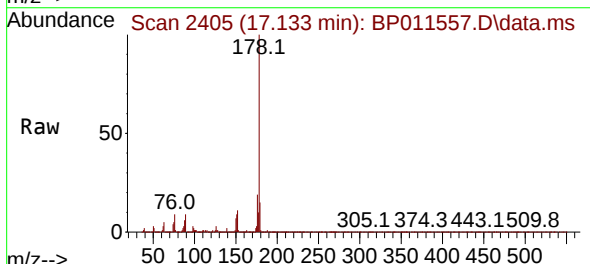
Instrument :
BNA_P
ClientSampleId :

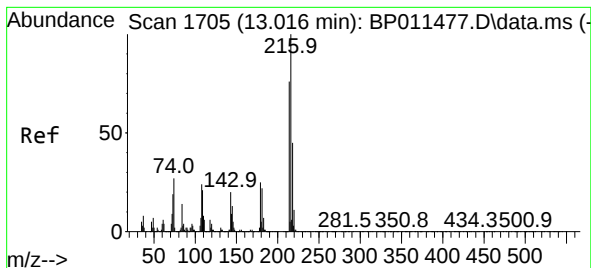
Tgt Ion:178 Resp: 421813
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 18.8 15.8 23.8



#74
Anthracene
Concen: 20.373 ng/ul
RT: 17.133 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:178 Resp: 426272
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.0 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.933 ng/uL

RT: 13.010 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011557.D

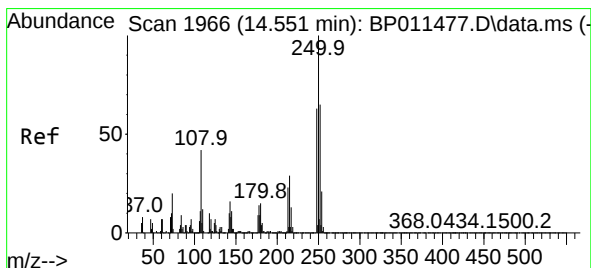
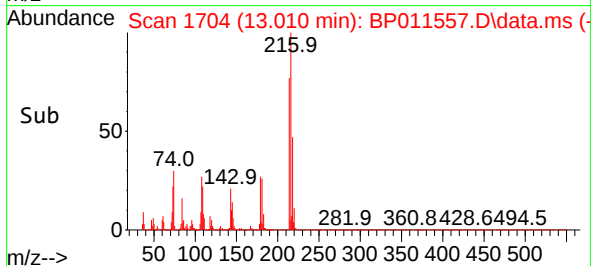
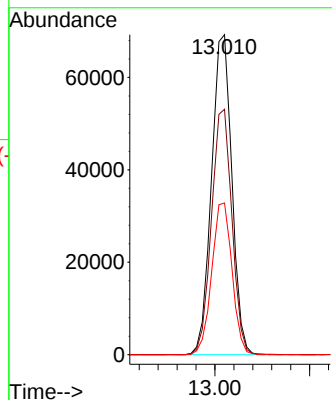
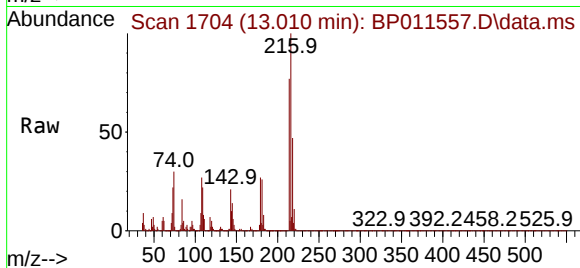
Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	216	Resp:	103104
Ion Ratio	Lower	Upper	
216	100		
214	76.7	61.8	92.6
218	47.4	37.4	56.0



#76

Pentachlorobenzene

Concen: 21.294 ng/uL

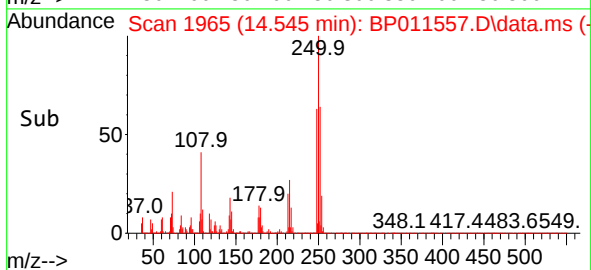
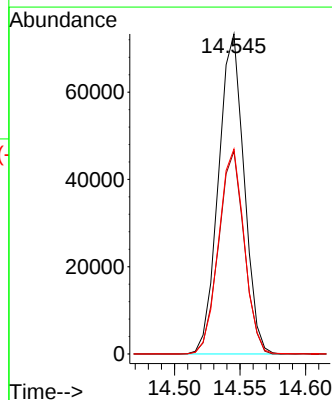
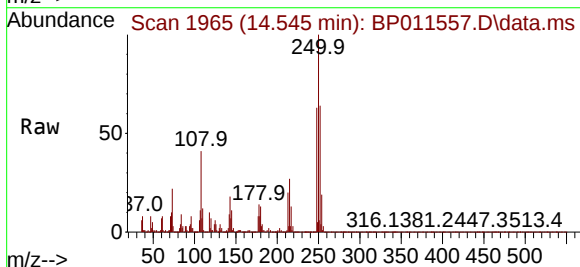
RT: 14.545 min Scan# 1965

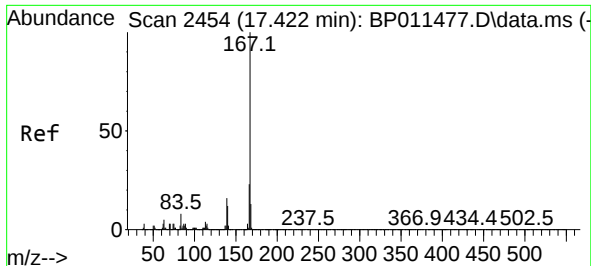
Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

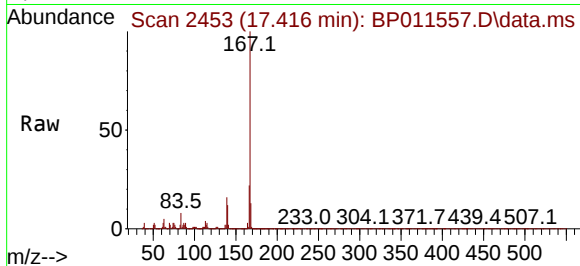
Tgt Ion:	250	Resp:	99524
Ion Ratio	Lower	Upper	
250	100		
248	63.3	51.7	77.5
252	64.1	50.0	75.0



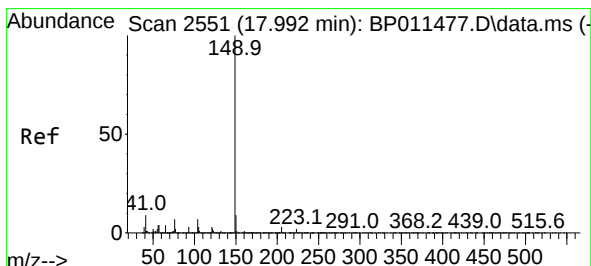
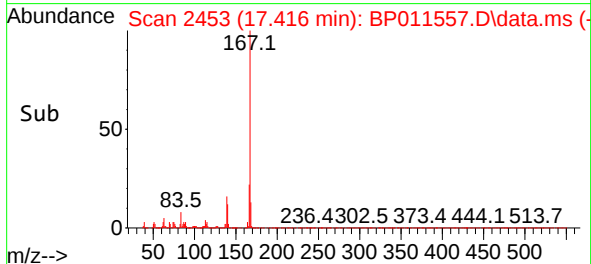
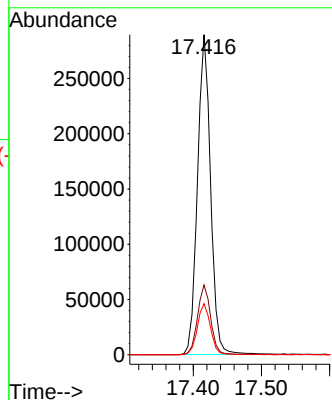


#77
 Carbazole
 Concen: 19.673 ng/ul
 RT: 17.416 min Scan# 2454
 Delta R.T. 0.006 min
 Lab File: BP011557.D
 Acq: 25 Aug 2022 09:56

Instrument :
 BNA_P
 ClientSampleId :

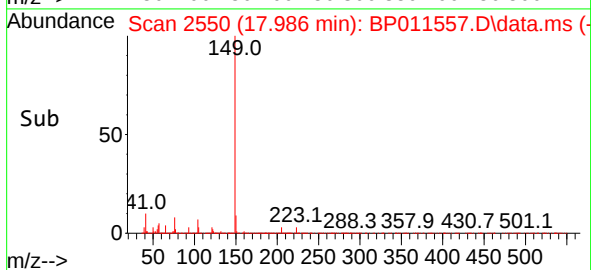
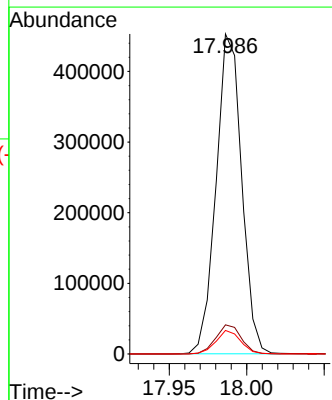
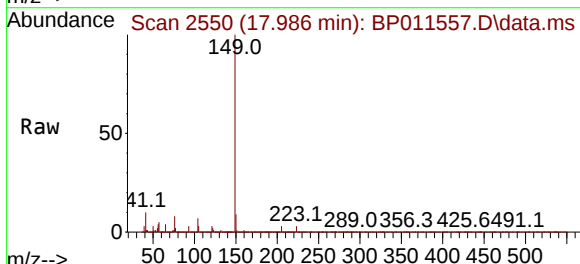


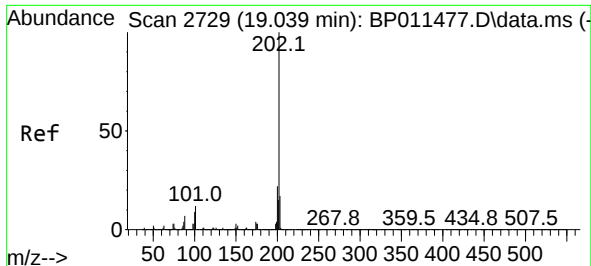
Tgt Ion:167 Resp: 387176
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 15.9 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 21.456 ng/ul
 RT: 17.986 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BP011557.D
 Acq: 25 Aug 2022 09:56

Tgt Ion:149 Resp: 520000
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 7.4 5.5 8.3

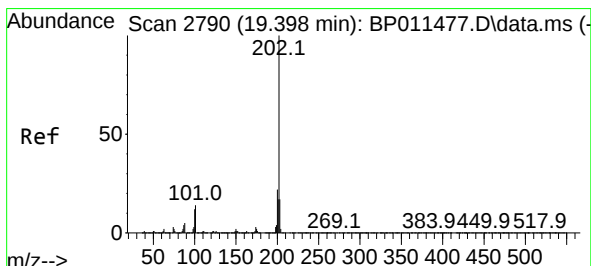
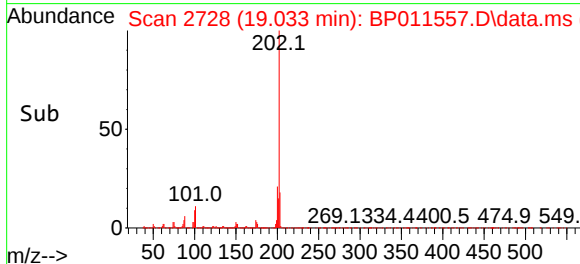
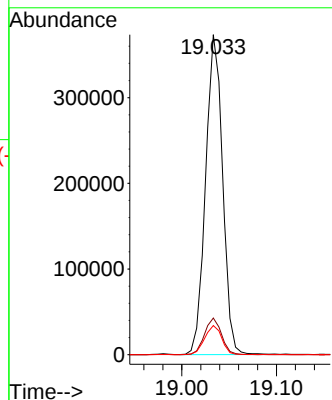
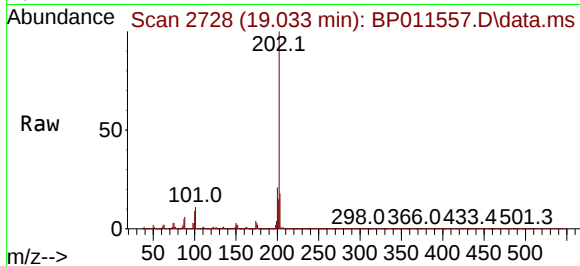




#80
Fluoranthene
Concen: 20.535 ng/u1
RT: 19.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

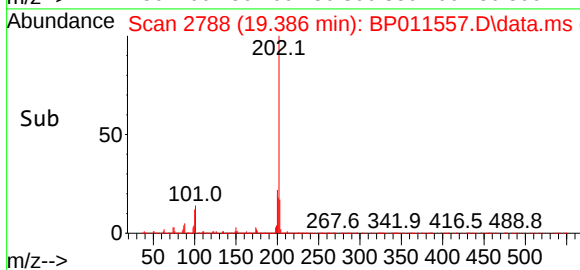
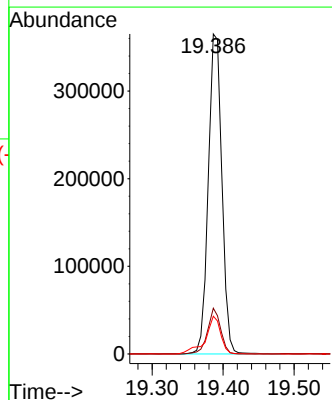
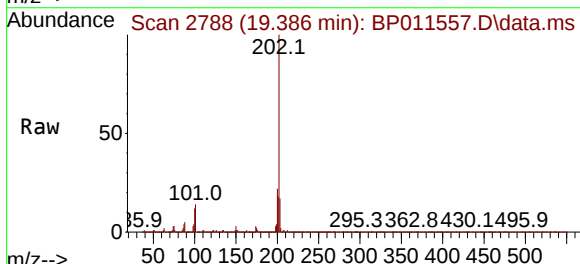
Instrument :
BNA_P
ClientSampleId :

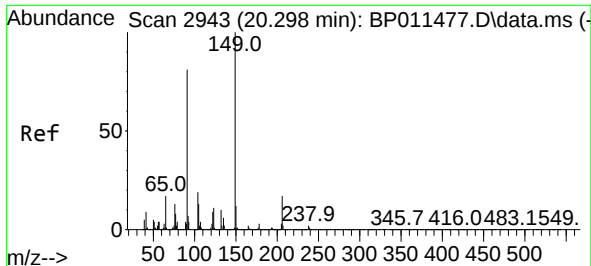
Tgt Ion:202 Resp: 467386
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 9.1 7.9 11.9



#82
Pyrene
Concen: 20.312 ng/u1
RT: 19.386 min Scan# 2788
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:202 Resp: 485770
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.2
100 11.8 9.4 14.0

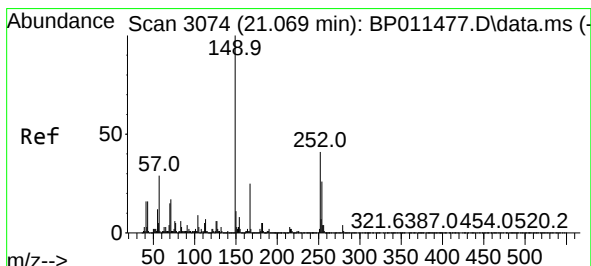
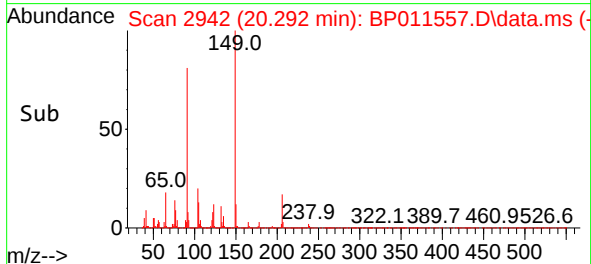
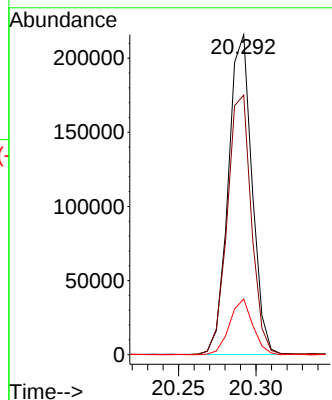
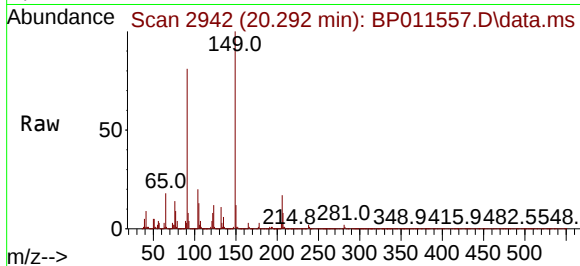




#83
Butylbenzylphthalate
Concen: 21.424 ng/ul
RT: 20.292 min Scan# 2942
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

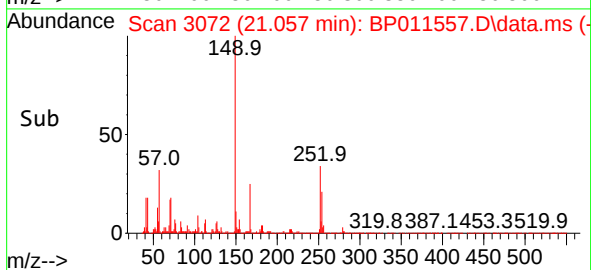
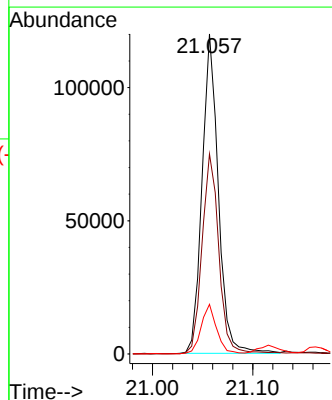
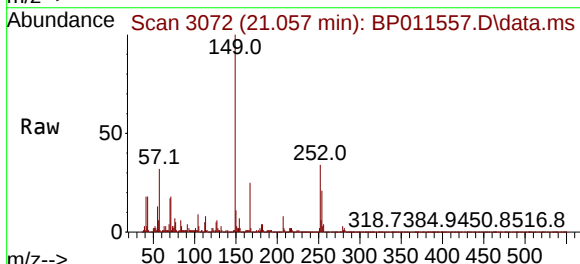
Instrument :
BNA_P
ClientSampleId :

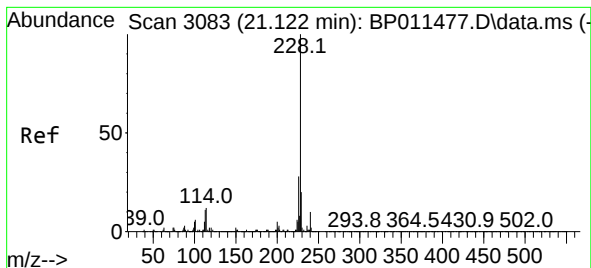
Tgt Ion:149 Resp: 229835
Ion Ratio Lower Upper
149 100
91 81.2 68.5 102.7
206 17.4 12.6 18.8



#84
3,3'-Dichlorobenzidine
Concen: 19.559 ng/ul
RT: 21.057 min Scan# 3072
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:252 Resp: 135448
Ion Ratio Lower Upper
252 100
254 62.5 51.2 76.8
126 15.5 12.2 18.2





#85

Benzo(a)anthracene

Concen: 20.471 ng/ul

RT: 21.116 min Scan# 3082

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNP_P

ClientSampleId :

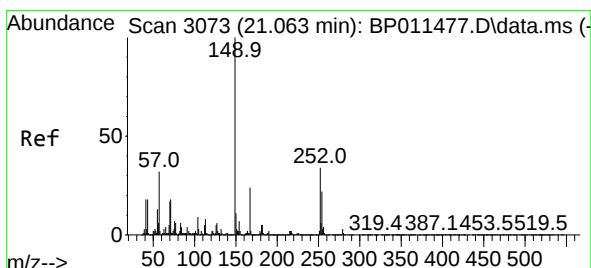
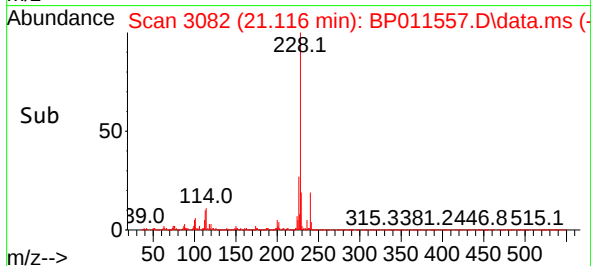
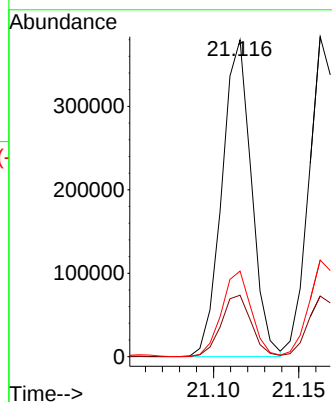
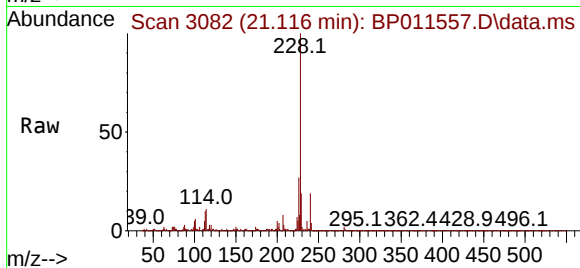
Tgt Ion:228 Resp: 456235

Ion Ratio Lower Upper

228 100

229 19.4 16.0 24.0

226 27.0 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.695 ng/ul

RT: 21.057 min Scan# 3072

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

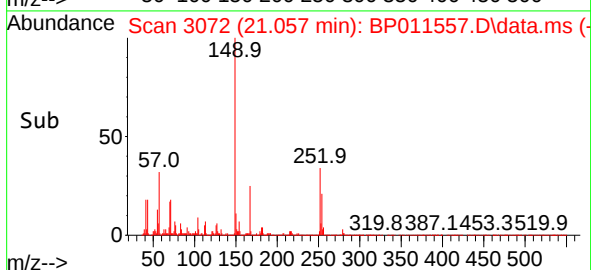
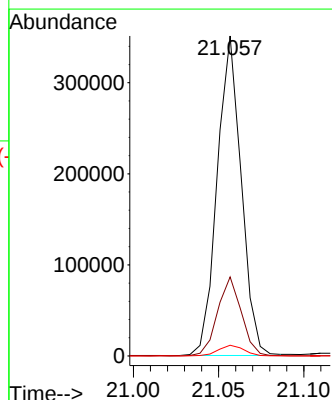
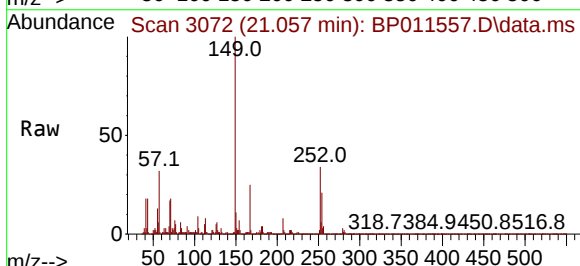
Tgt Ion:149 Resp: 344429

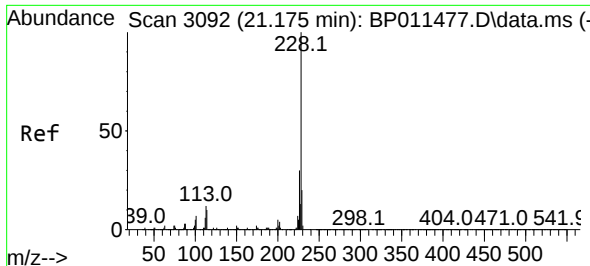
Ion Ratio Lower Upper

149 100

167 24.7 19.8 29.8

279 3.3 2.7 4.1

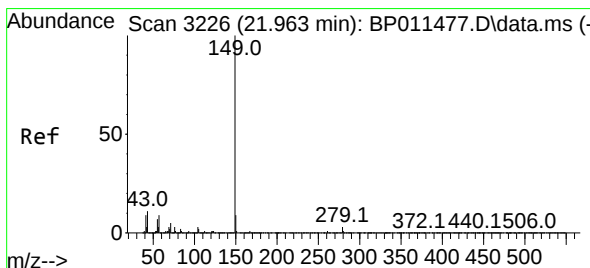
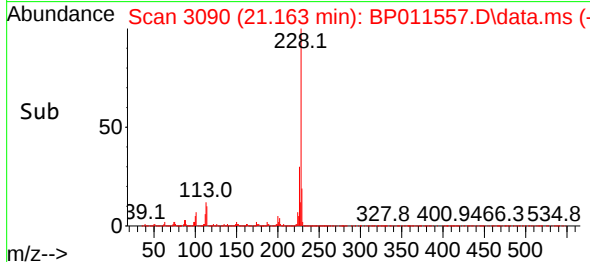
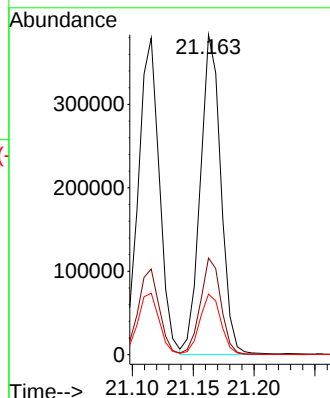
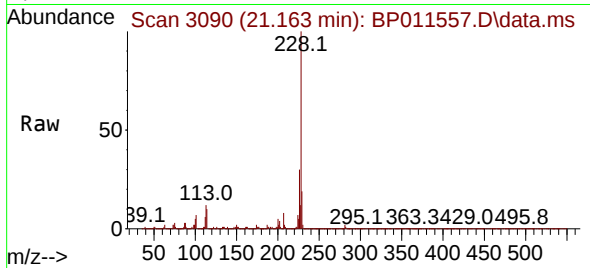




#87
Chrysene
Concen: 20.589 ng/ul
RT: 21.163 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

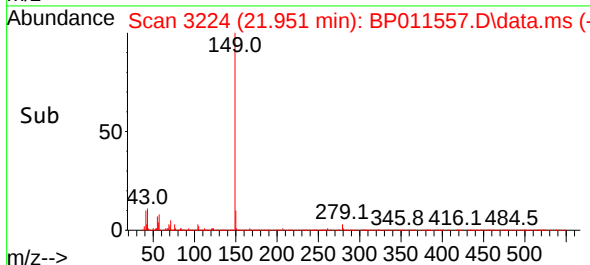
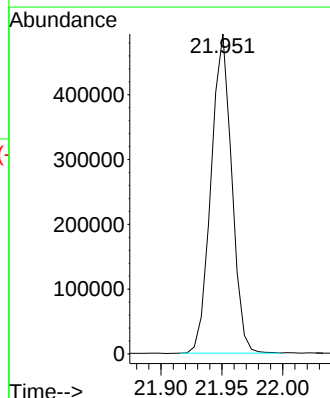
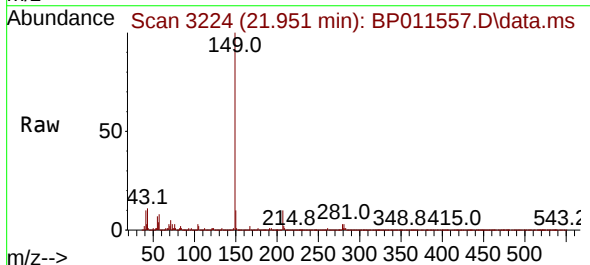
Instrument :
BNA_P
ClientSampleId :

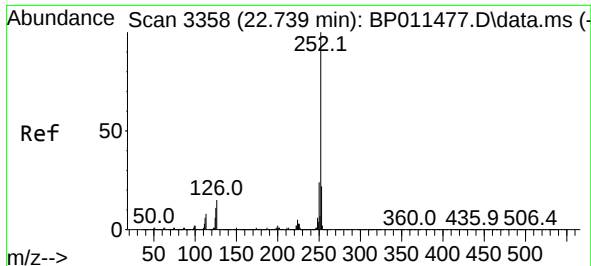
Tgt Ion:228 Resp: 450748
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 18.9 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 19.778 ng/ul
RT: 21.951 min Scan# 3224
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:149 Resp: 581434

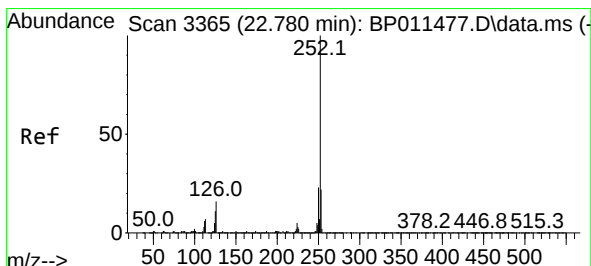
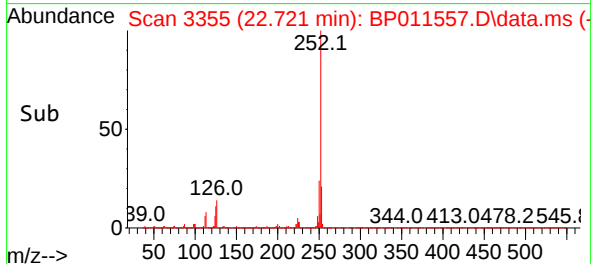
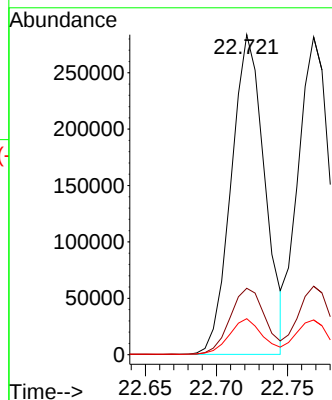
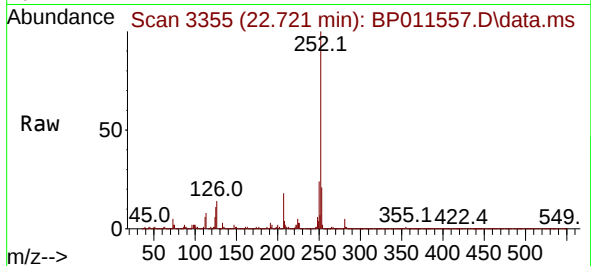




#90
Benzo(b)fluoranthene
Concen: 20.459 ng/ul
RT: 22.721 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

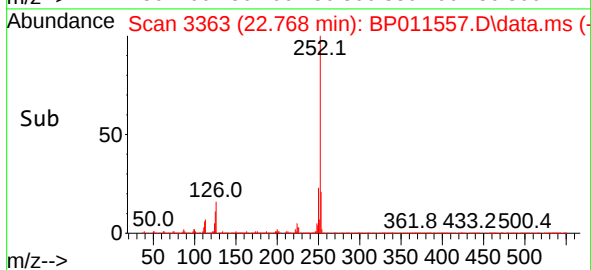
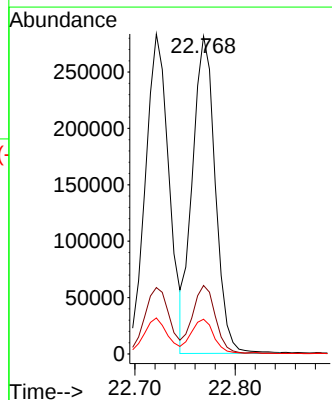
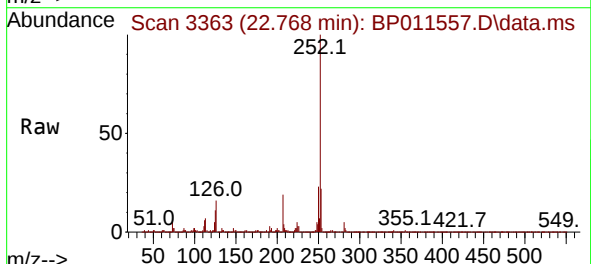
Instrument :
BNA_P
ClientSampleId :

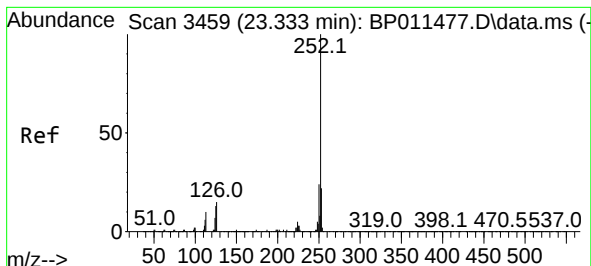
Tgt Ion:252 Resp: 465405
Ion Ratio Lower Upper
252 100
253 20.7 17.5 26.3
125 11.3 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 20.520 ng/ul
RT: 22.768 min Scan# 3363
Delta R.T. 0.006 min
Lab File: BP011557.D
Acq: 25 Aug 2022 09:56

Tgt Ion:252 Resp: 445468
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 10.9 9.8 14.8





#93

Benzo(a)pyrene

Concen: 20.333 ng/ul

RT: 23.315 min Scan# 3459

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

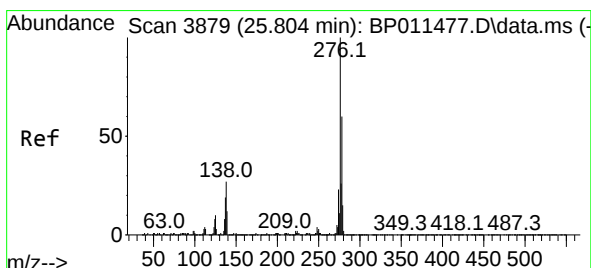
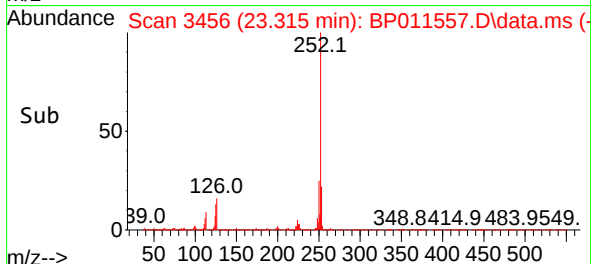
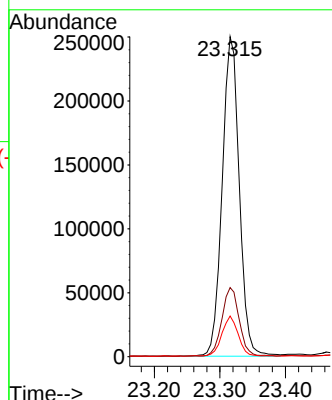
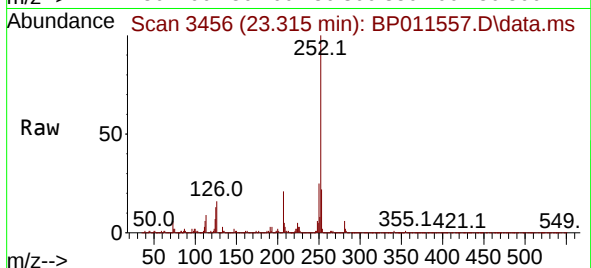
Tgt Ion:252 Resp: 451581

Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

125 12.7 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.957 ng/ul

RT: 25.774 min Scan# 3874

Delta R.T. -0.000 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

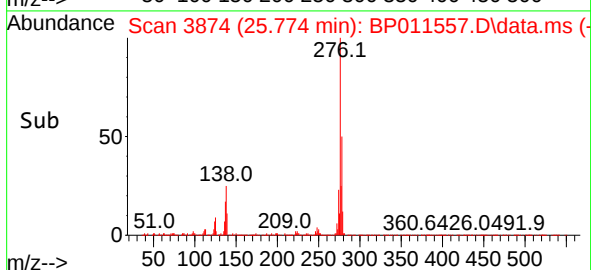
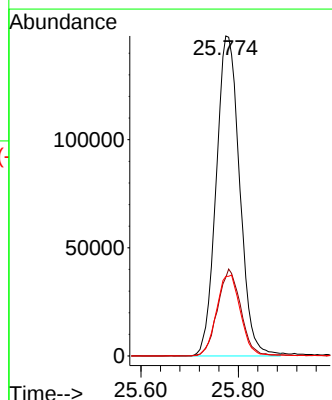
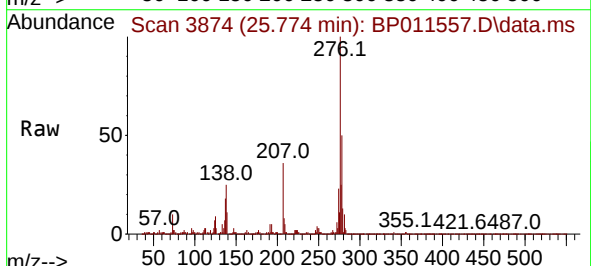
Tgt Ion:276 Resp: 494369

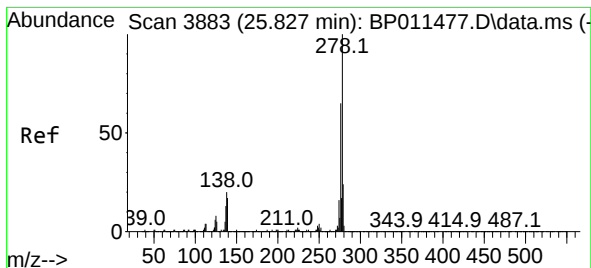
Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.4

277 24.9 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 20.087 ng/ul

RT: 25.798 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Instrument :

BNA_P

ClientSampleId :

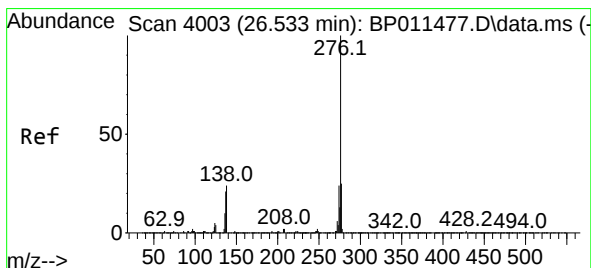
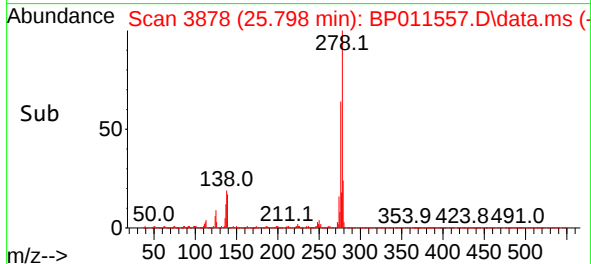
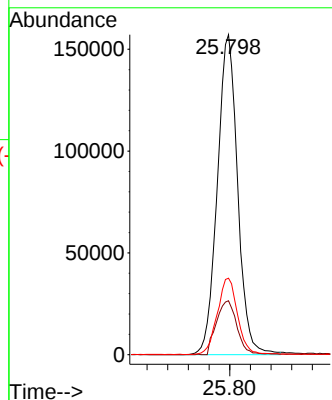
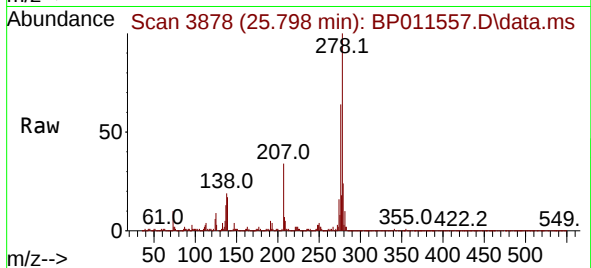
Tgt Ion:278 Resp: 428450

Ion Ratio Lower Upper

278 100

139 16.8 15.4 23.0

279 23.9 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 19.628 ng/ul

RT: 26.498 min Scan# 3997

Delta R.T. 0.012 min

Lab File: BP011557.D

Acq: 25 Aug 2022 09:56

Tgt Ion:276 Resp: 413599

Ion Ratio Lower Upper

276 100

138 22.7 19.4 29.2

277 23.8 19.1 28.7

