

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011553.D
 Acq On : 24 Aug 2022 22:30
 Operator : CG/JU
 Sample : PB147243BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 25 02:20:06 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	7.546	152	69712	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	310260	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.222	164	193727	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.992	188	394306	20.000	ng/u1	0.00
79) Chrysene-d12	21.122	240	399894	20.000	ng/u1	0.00
88) Perylene-d12	23.410	264	403853	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	13834	6.158	ng/uL	0.00
4) Pyridine-d5	3.470	84	170263	29.603	ng/u1	0.00
7) Phenol-d5	6.734	99	211529	33.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	135447	32.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	167712	35.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	171020	33.353	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	83116	37.211	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	88244	38.819	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	157148	37.451	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	225880	32.338	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	496572	36.241	ng/u1	0.00
49) Acenaphthylene-d8	13.910	160	559838	36.762	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	99535	37.703	ng/u1	0.00
60) Fluorene-d10	15.228	176	415100	36.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	79943	37.521	ng/u1	0.00
73) Anthracene-d10	17.092	188	667720	38.236	ng/u1	0.00
81) Pyrene-d10	19.357	212	751550	37.146	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.263	264	770500	39.221	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	26684	11.392	ng/uL	99
5) Pyridine	3.493	79	164689	28.686	ng/u1	97
6) Benzaldehyde	6.705	77	89453	30.427	ng/u1	97
8) Phenol	6.763	94	204367	31.043	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.993	93	158627	30.889	ng/u1	99
12) 2-Chlorophenol	7.116	128	169180	33.368	ng/u1	97
13) 2-Methylphenol	8.005	108	153308	31.611	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	241005	31.679	ng/u1	99
16) Acetophenone	8.381	105	267835	31.400	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.375	70	139595	32.901	ng/u1	99
18) 4-Methylphenol	8.340	108	169683	31.602	ng/u1	98
19) Hexachloroethane	8.610	117	78473	34.121	ng/u1	97
22) Nitrobenzene	8.757	77	214992	34.147	ng/u1	98
23) Isophorone	9.287	82	380170	34.399	ng/u1	100
25) 2-Nitrophenol	9.463	139	93603	36.089	ng/u1	93
26) 2,4-Dimethylphenol	9.534	107	211225	34.299	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.775	93	221916	33.219	ng/u1	99
29) 2,4-Dichlorophenol	9.993	162	151795	35.347	ng/u1	99
30) Naphthalene	10.387	128	537230	32.794	ng/u1	99
32) 4-Chloroaniline	10.516	127	166053	22.945	ng/u1	98
33) Hexachlorobutadiene	10.663	225	95375	34.887	ng/u1	93
34) Caprolactam	11.322	113	33076	21.242	ng/u1	96
35) 4-Chloro-3-methylphenol	11.657	107	194629	35.847	ng/u1	97
36) 2-Methylnaphthalene	12.016	142	359617	33.741	ng/u1	99

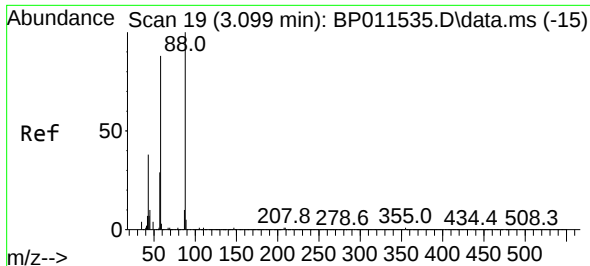
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.234	142	363193	33.598	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.387	216	167480	34.061	ng/ul	98
40) Hexachlorocyclopentadiene	12.357	237	89036	29.187	ng/ul	97
41) 2,4,6-Trichlorophenol	12.640	196	110800	35.011	ng/ul	100
42) 2,4,5-Trichlorophenol	12.716	196	122021	34.637	ng/ul	99
43) 1,1'-Biphenyl	13.045	154	480076	33.258	ng/ul	99
44) 2-Chloronaphthalene	13.087	162	360134	33.108	ng/ul	99
45) 2-Nitroaniline	13.310	65	140463	37.835	ng/ul	98
47) Dimethylphthalate	13.698	163	488937	34.525	ng/ul	98
48) 2,6-Dinitrotoluene	13.822	165	96181	37.776	ng/ul	98
50) Acenaphthylene	13.940	152	616774	34.091	ng/ul	99
51) 3-Nitroaniline	14.151	138	105234	37.946	ng/ul	98
52) Acenaphthene	14.287	153	409547	33.797	ng/ul	99
53) 2,4-Dinitrophenol	14.363	184	55458	35.587	ng/ul	94
55) 4-Nitrophenol	14.475	109	119326	37.936	ng/ul	91
56) Dibenzofuran	14.628	168	568898	34.044	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	148650	39.000	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.857	232	95966	34.697	ng/ul	97
59) Diethylphthalate	15.075	149	563267	36.314	ng/ul	98
61) Fluorene	15.281	166	473240	34.617	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.287	204	216349	35.032	ng/ul	99
63) 4-Nitroaniline	15.328	138	109076	40.718	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.381	198	81115	36.804	ng/ul	93
67) N-Nitrosodiphenylamine	15.504	169	414564	35.836	ng/ul	99
68) 4-Bromophenyl-phenylether	16.186	248	126187	35.850	ng/ul	96
69) Hexachlorobenzene	16.286	284	148070	36.501	ng/ul	98
70) Atrazine	16.475	200	46213	10.704	ng/ul	98
71) Pentachlorophenol	16.645	266	83141	33.054	ng/ul	98
72) Phenanthrene	17.039	178	759492	35.586	ng/ul	99
74) Anthracene	17.128	178	782935	36.362	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.004	216	169615	33.463	ng/uL	99
76) Pentachlorobenzene	14.540	250	166003	34.515	ng/uL	98
77) Carbazole	17.410	167	727360	35.914	ng/ul	99
78) Di-n-butylphthalate	17.980	149	994094	39.859	ng/ul	99
80) Fluoranthene	19.028	202	893792	35.922	ng/ul	98
82) Pyrene	19.386	202	919891	35.186	ng/ul	97
83) Butylbenzylphthalate	20.286	149	471951	40.242	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.051	252	280864	37.100	ng/ul	99
85) Benzo(a)anthracene	21.110	228	890983	36.570	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.051	149	720837	41.534	ng/ul	98
87) Chrysene	21.163	228	883839	36.929	ng/ul	99
89) Di-n-octyl phthalate	21.945	149	1222189	37.648	ng/ul	100
90) Benzo(b)fluoranthene	22.716	252	925630	36.846	ng/ul	99
91) Benzo(k)fluoranthene	22.763	252	879935	36.705	ng/ul	98
93) Benzo(a)pyrene	23.316	252	896168	36.539	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.768	276	1023991	37.432	ng/ul	100
95) Dibenzo(a,h)anthracene	25.786	278	882381	37.460	ng/ul	97
96) Benzo(g,h,i)perylene	26.492	276	820211	35.248	ng/ul	99

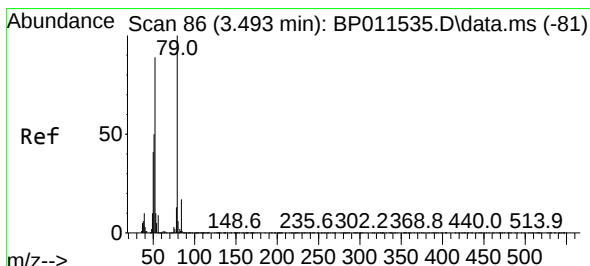
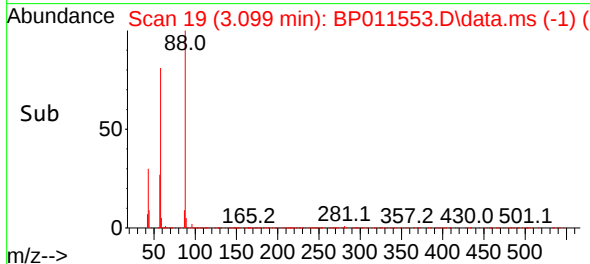
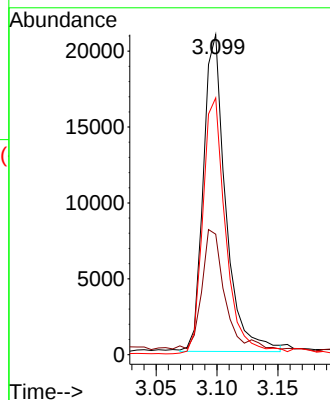
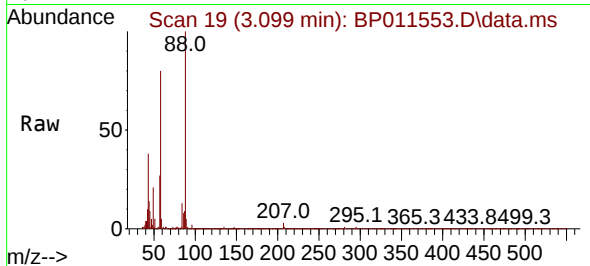
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#2
1,4-Dioxane
Concen: 11.392 ng/uL
RT: 3.099 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

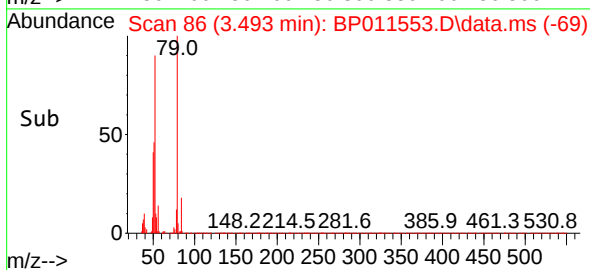
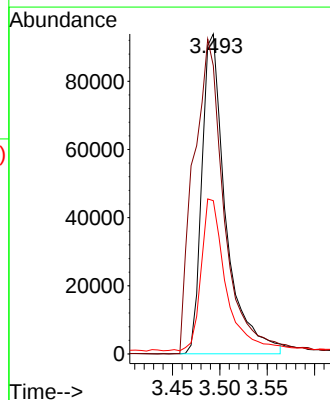
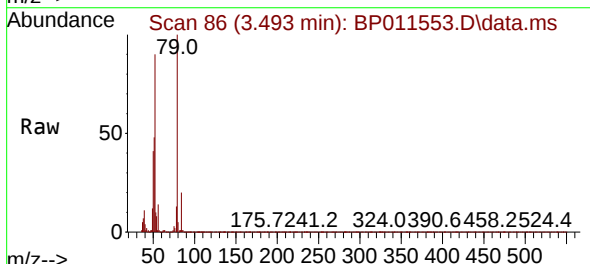
Instrument :
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ClientSampleId :

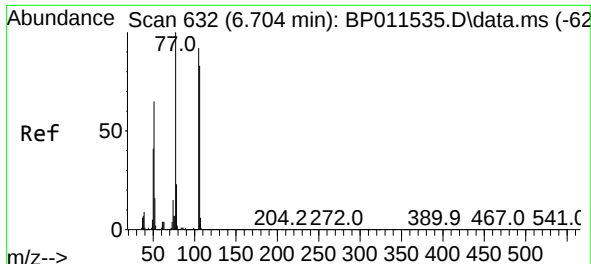
Tgt Ion: 88 Resp: 26684
Ion Ratio Lower Upper
88 100
43 37.6 29.0 43.4
58 80.3 64.7 97.1



#5
Pyridine
Concen: 28.686 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion: 79 Resp: 164689
Ion Ratio Lower Upper
79 100
52 90.1 70.2 105.2
51 47.9 36.1 54.1

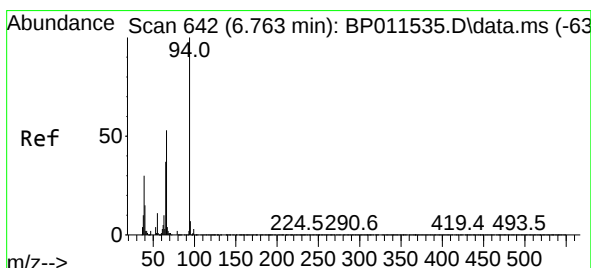
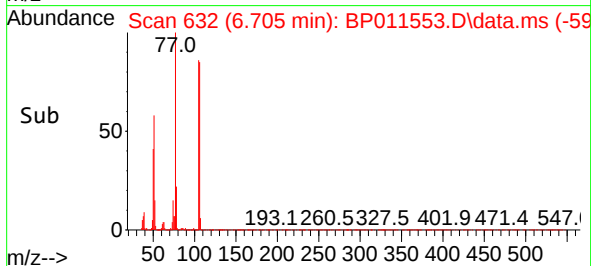
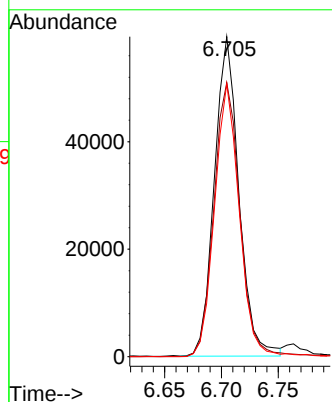
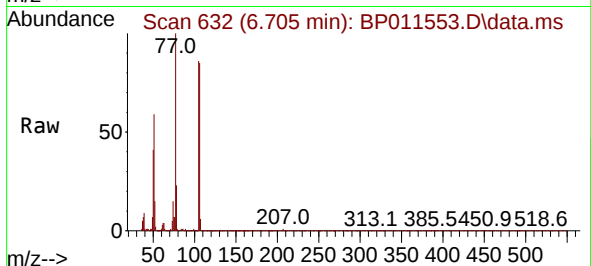




#6
Benzaldehyde
Concen: 30.427 ng/ul
RT: 6.705 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

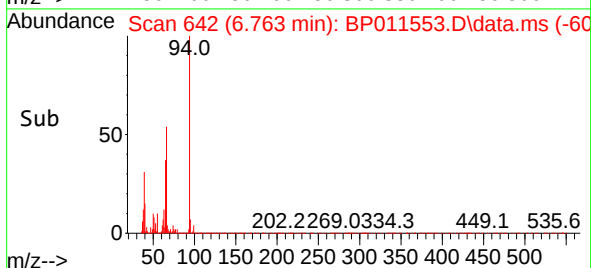
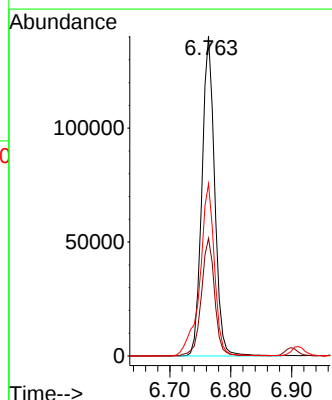
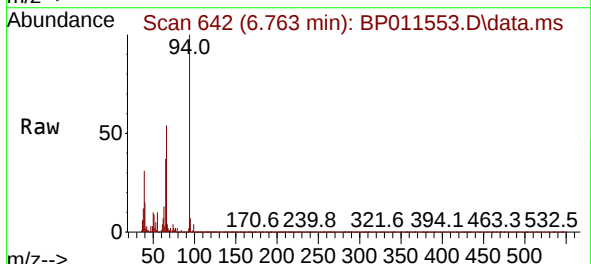
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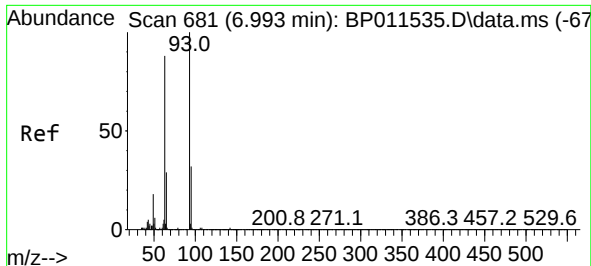
Tgt Ion: 77 Resp: 89453
Ion Ratio Lower Upper
77 100
105 85.7 72.0 108.0
106 85.3 67.4 101.0



#8
Phenol
Concen: 31.043 ng/ul
RT: 6.763 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion: 94 Resp: 204367
Ion Ratio Lower Upper
94 100
65 36.8 28.9 43.3
66 53.8 39.4 59.0

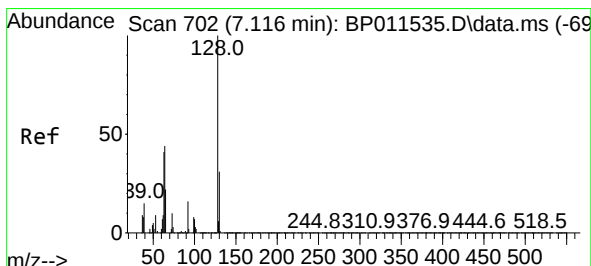
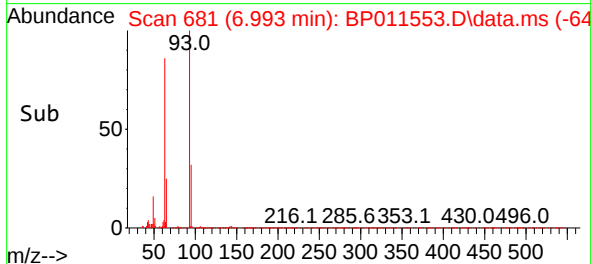
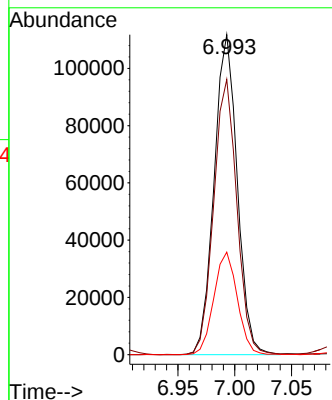
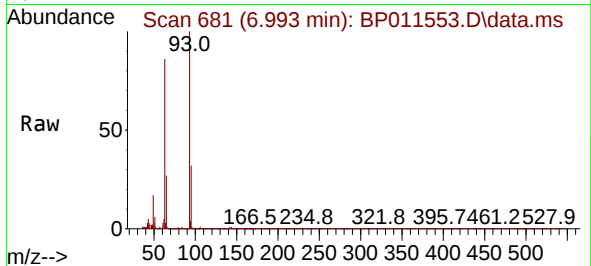




#10
Bis(2-Chloroethyl)ether
Concen: 30.889 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

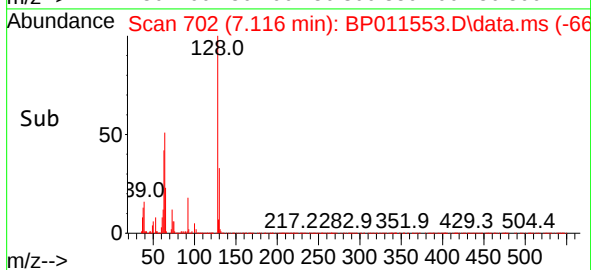
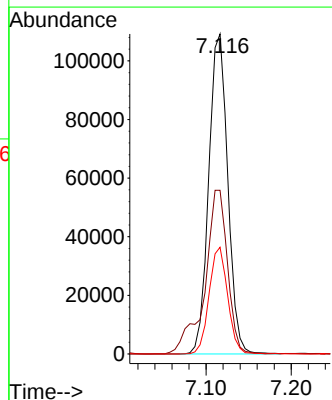
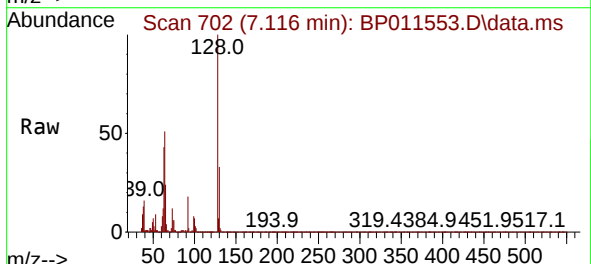
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ClientSampleId :

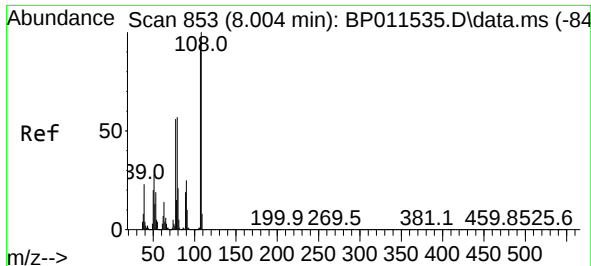
Tgt Ion: 93 Resp: 158627
Ion Ratio Lower Upper
93 100
63 86.0 67.8 101.6
95 32.1 25.0 37.6



#12
2-Chlorophenol
Concen: 33.368 ng/ul
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:128 Resp: 169180
Ion Ratio Lower Upper
128 100
64 51.2 40.2 60.2
130 33.3 24.6 37.0





#13

2-Methylphenol

Concen: 31.611 ng/ul

RT: 8.005 min Scan# 853

Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

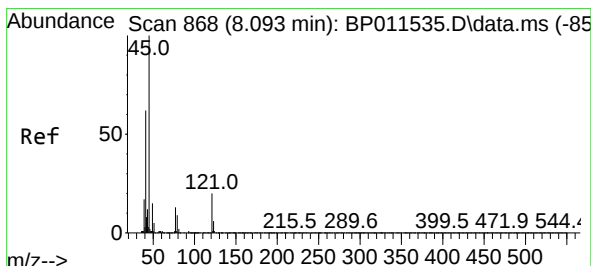
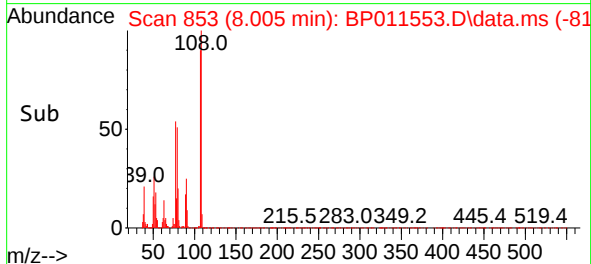
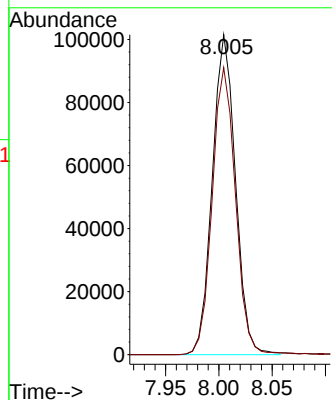
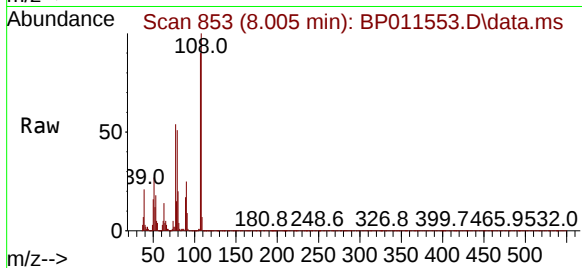
ClientSampleId :

Tgt Ion:108 Resp: 153308

Ion Ratio Lower Upper

108 100

107 89.7 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.679 ng/ul

RT: 8.093 min Scan# 868

Delta R.T. 0.012 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

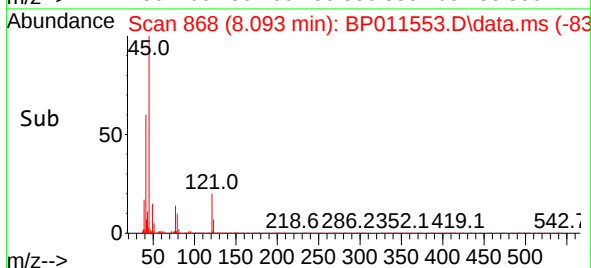
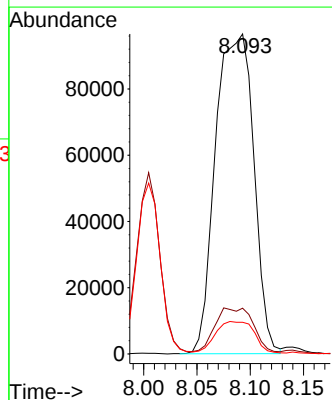
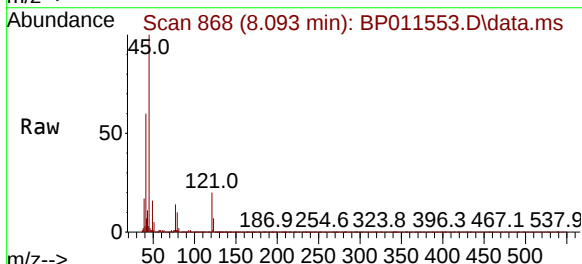
Tgt Ion: 45 Resp: 241005

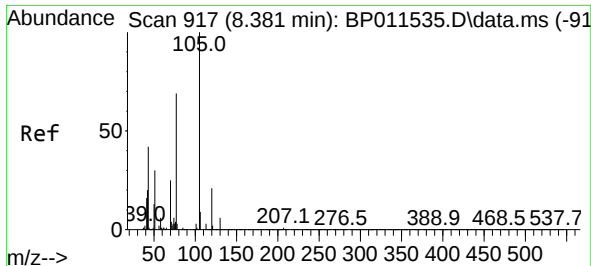
Ion Ratio Lower Upper

45 100

77 14.3 11.4 17.0

79 9.9 8.6 13.0

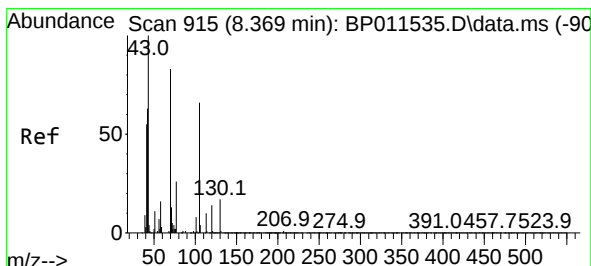
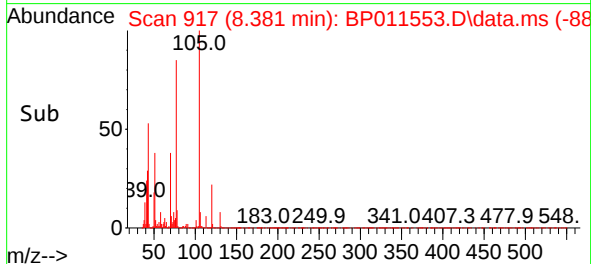
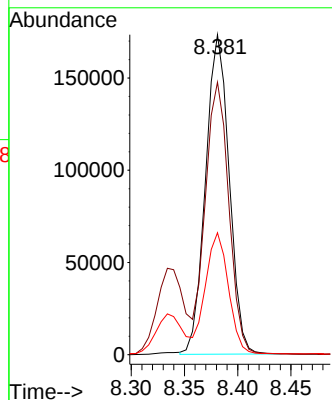
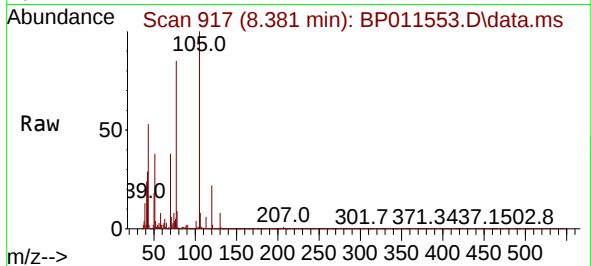




#16
Acetophenone
Concen: 31.400 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

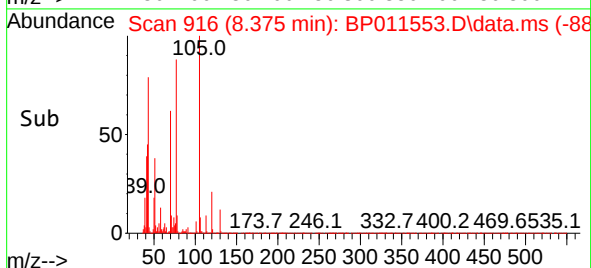
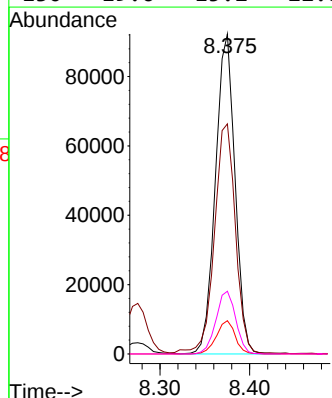
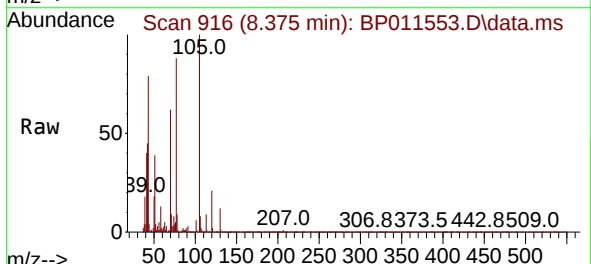
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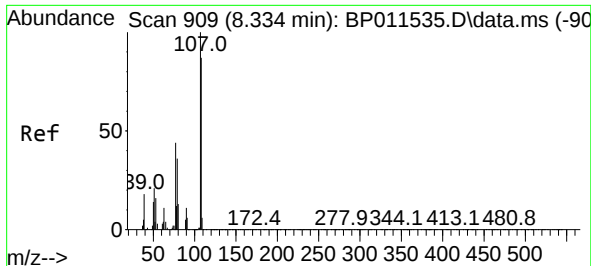
Tgt Ion:105 Resp: 267835
Ion Ratio Lower Upper
105 100
77 85.1 66.4 99.6
51 38.1 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 32.901 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion: 70 Resp: 139595
Ion Ratio Lower Upper
70 100
42 71.9 57.0 85.4
101 10.4 7.6 11.4
130 19.6 15.2 22.8

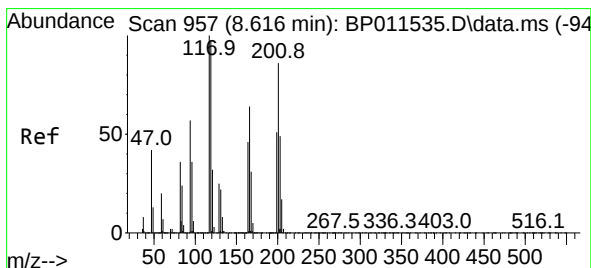
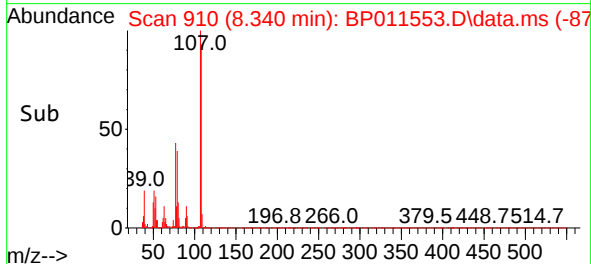
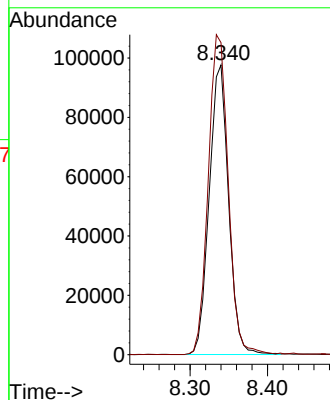
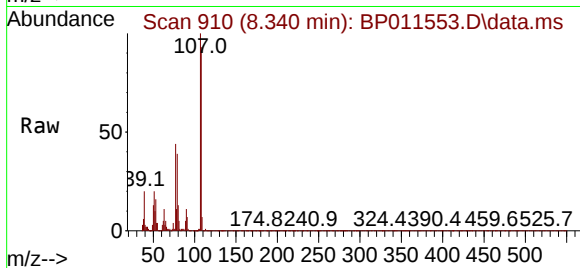




#18
4-Methylphenol
Concen: 31.602 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

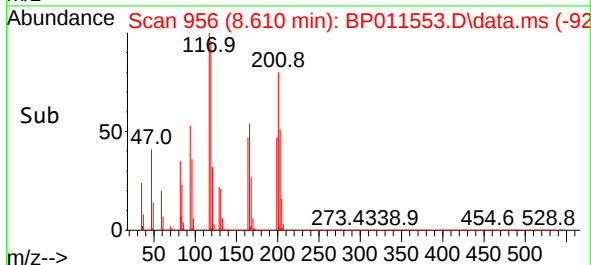
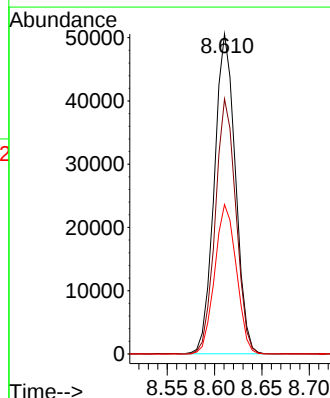
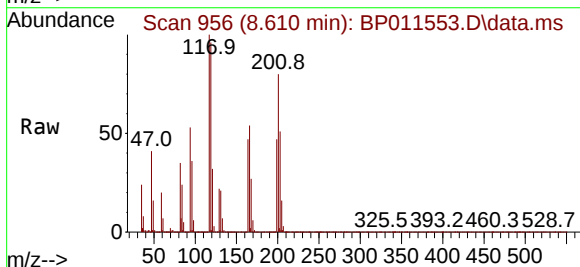
Instrument :
BNA_P
ClientSampleId :

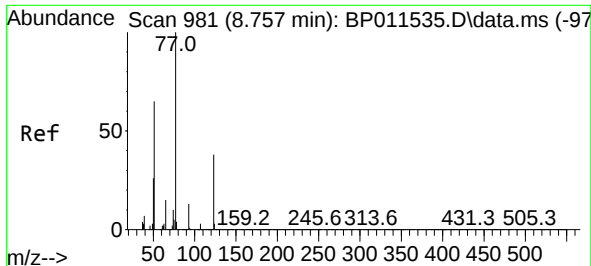
Tgt Ion:108 Resp: 169683
Ion Ratio Lower Upper
108 100
107 107.7 87.7 131.5



#19
Hexachloroethane
Concen: 34.121 ng/ul
RT: 8.610 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:117 Resp: 78473
Ion Ratio Lower Upper
117 100
201 79.7 64.2 96.4
199 46.7 41.0 61.6

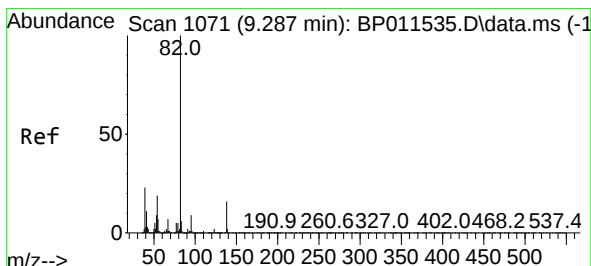
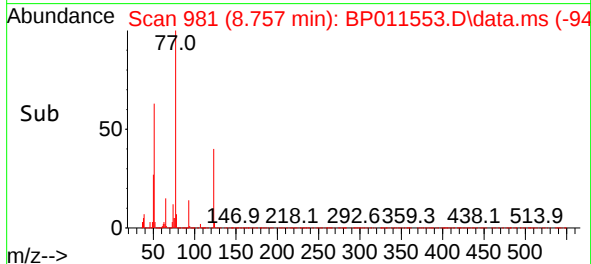
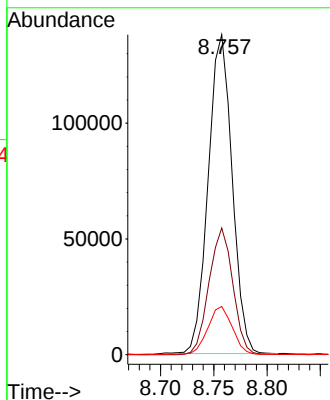
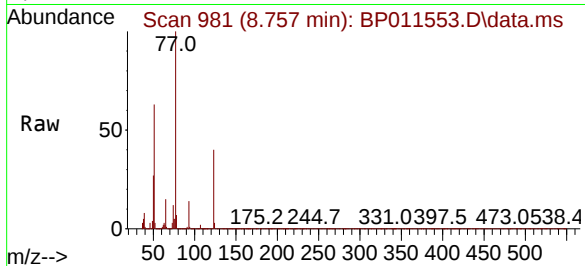




#22
Nitrobenzene
Concen: 34.147 ng/ul
RT: 8.757 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

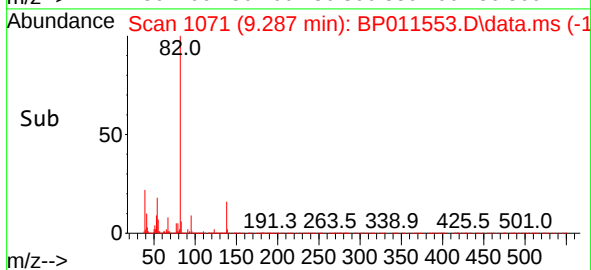
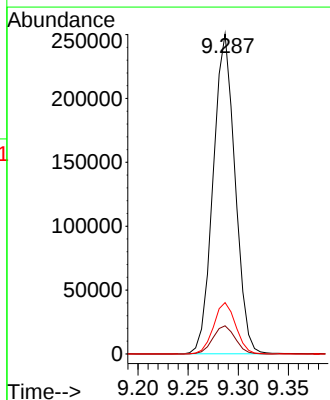
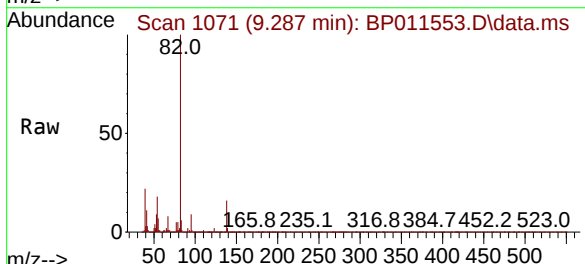
Instrument :
BNA_P
ClientSampleId :

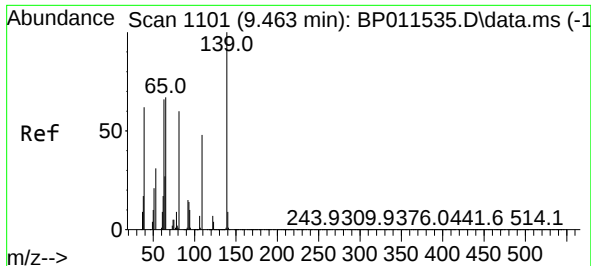
Tgt Ion: 77 Resp: 214992
Ion Ratio Lower Upper
77 100
123 39.6 30.4 45.6
65 15.0 11.5 17.3



#23
Isophorone
Concen: 34.399 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion: 82 Resp: 380170
Ion Ratio Lower Upper
82 100
95 8.8 7.1 10.7
138 16.1 12.6 19.0

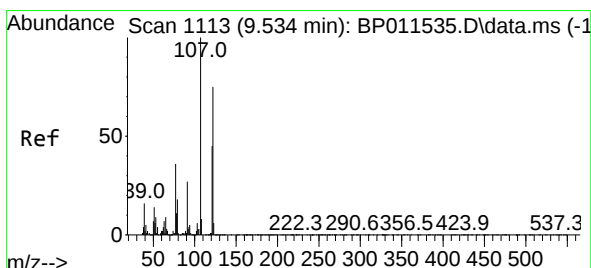
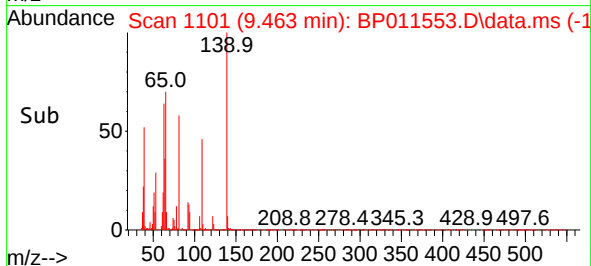
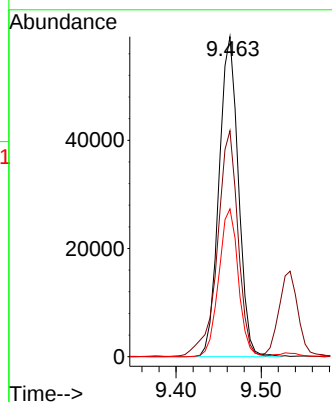
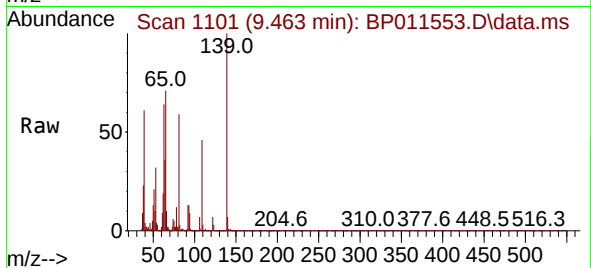




#25
2-Nitrophenol
Concen: 36.089 ng/ul
RT: 9.463 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

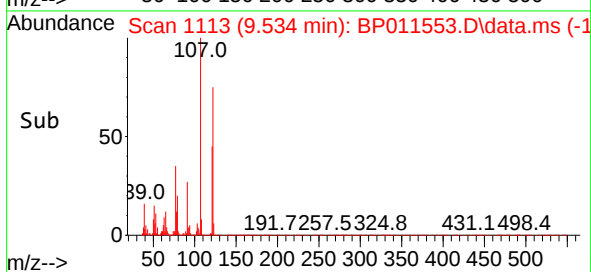
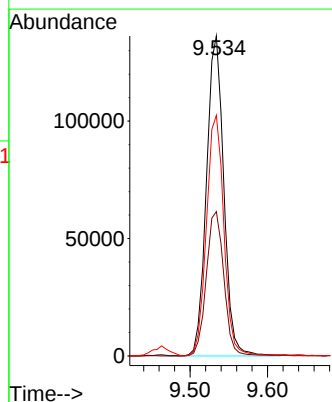
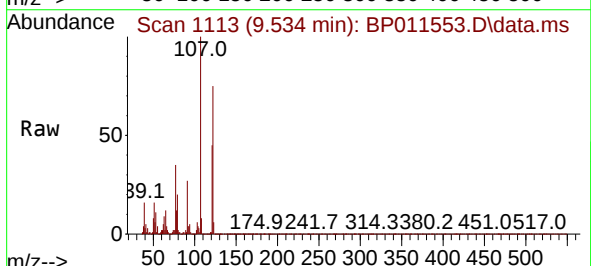
Instrument :
BNA_P
ClientSampleId :

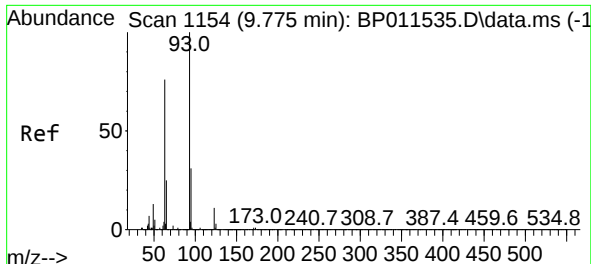
Tgt Ion:139 Resp: 93603
Ion Ratio Lower Upper
139 100
65 70.6 50.4 75.6
109 46.2 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 34.299 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:107 Resp: 211225
Ion Ratio Lower Upper
107 100
121 45.1 36.6 55.0
122 75.2 58.7 88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 33.219 ng/ul

RT: 9.775 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

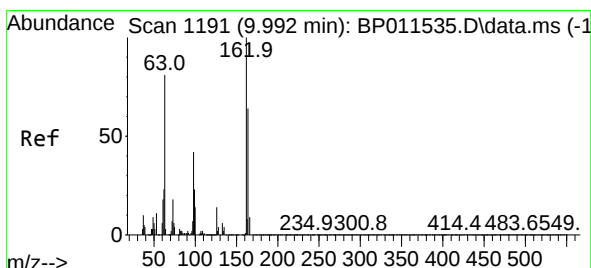
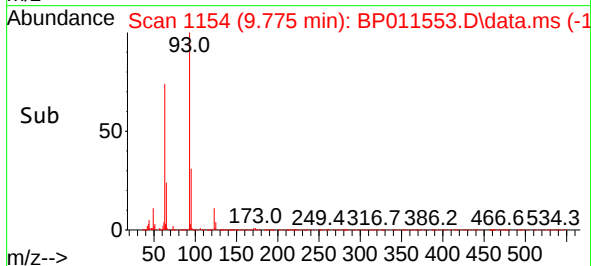
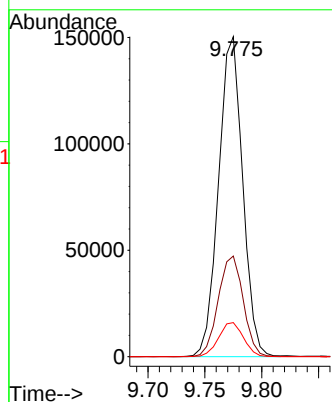
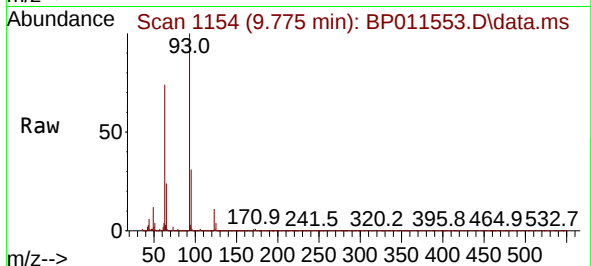
Tgt Ion: 93 Resp: 221916

Ion Ratio Lower Upper

93 100

95 31.4 24.8 37.2

123 10.7 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 35.347 ng/ul

RT: 9.993 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

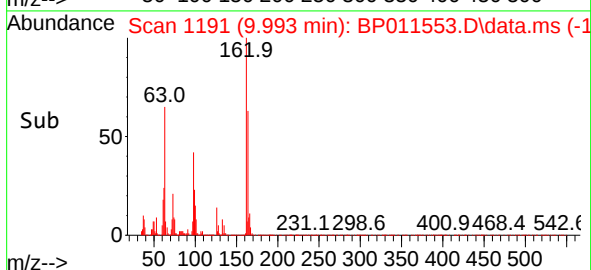
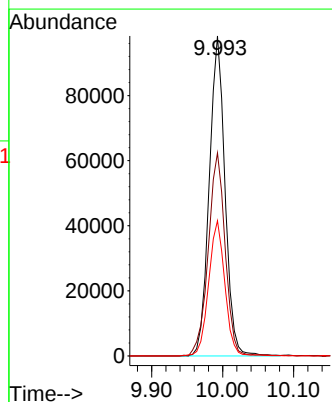
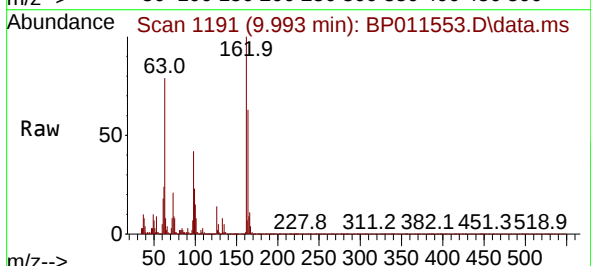
Tgt Ion:162 Resp: 151795

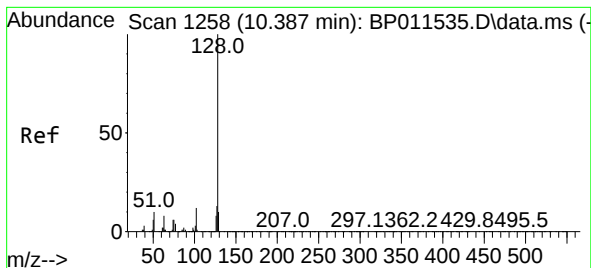
Ion Ratio Lower Upper

162 100

164 63.5 50.2 75.2

98 42.3 32.9 49.3

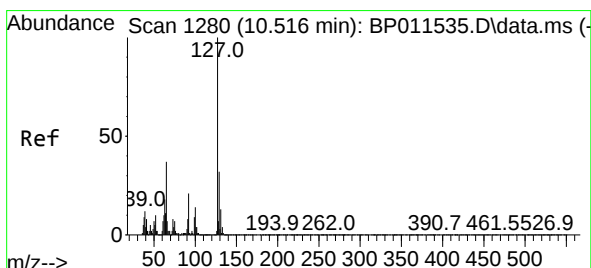
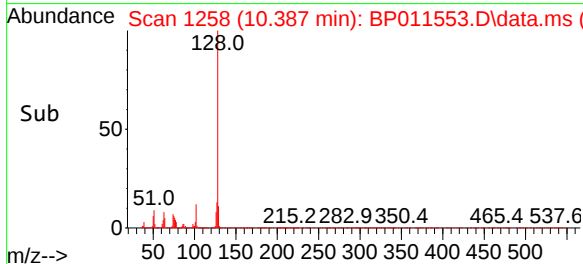
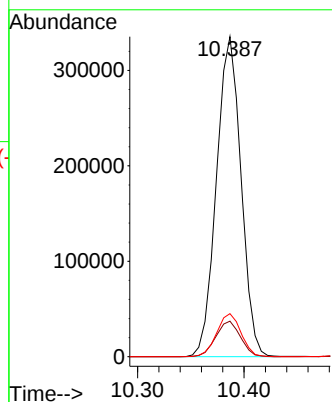
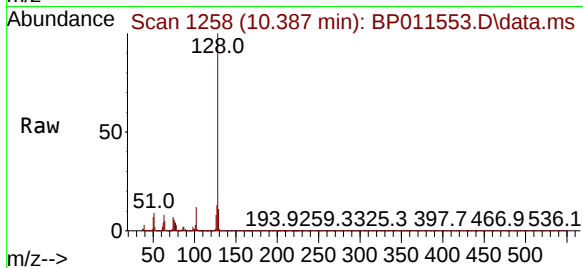




#30
Naphthalene
Concen: 32.794 ng/ul
RT: 10.387 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

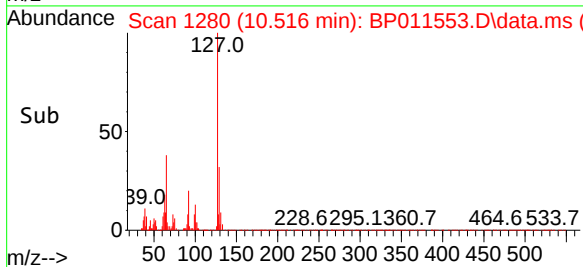
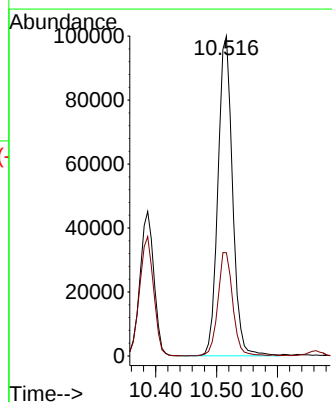
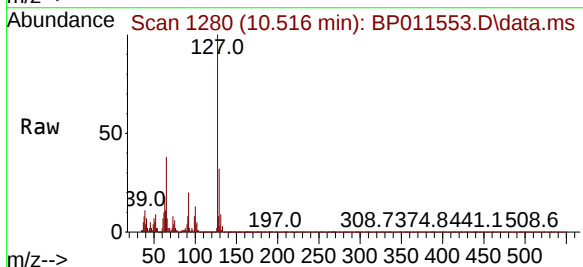
Instrument :
BNA_P
ClientSampleId :

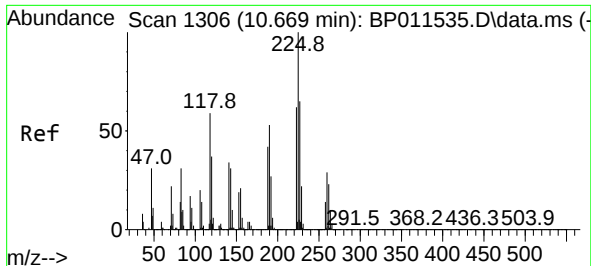
Tgt Ion:128 Resp: 537230
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.3 15.5



#32
4-Chloroaniline
Concen: 22.945 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

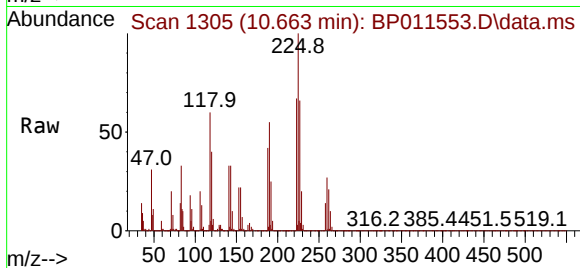
Tgt Ion:127 Resp: 166053
Ion Ratio Lower Upper
127 100
129 32.3 25.1 37.7



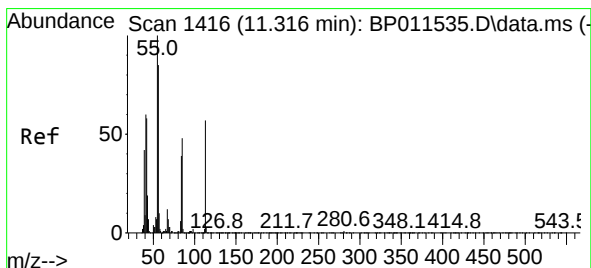
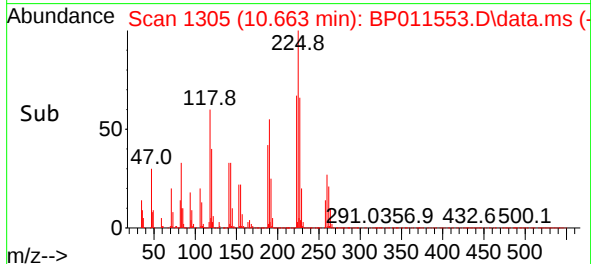
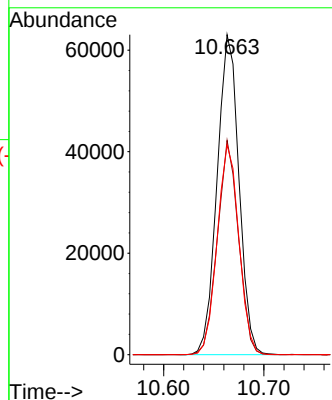


#33
Hexachlorobutadiene
Concen: 34.887 ng/ul
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Instrument :
BNA_P
ClientSampleId :

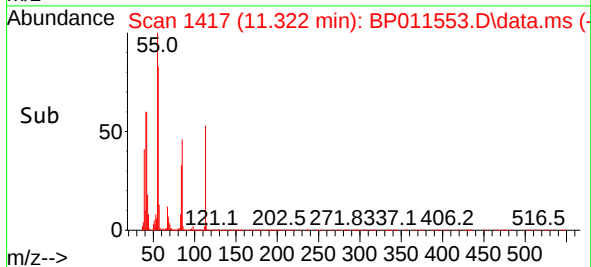
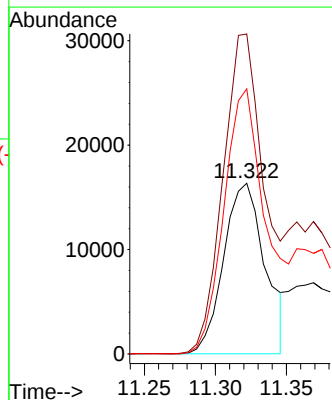
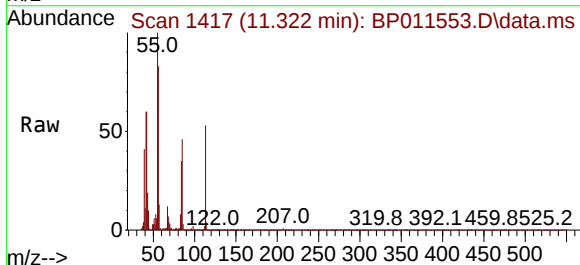


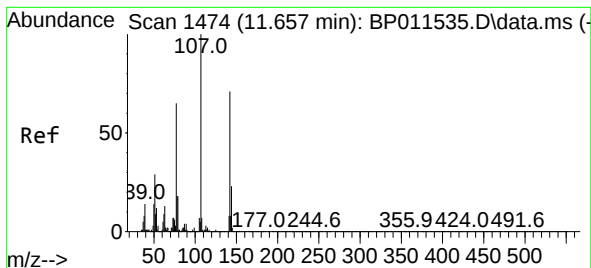
Tgt Ion:225 Resp: 95375
Ion Ratio Lower Upper
225 100
223 66.9 47.8 71.8
227 65.6 50.0 75.0



#34
Caprolactam
Concen: 21.242 ng/ul
RT: 11.322 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:113 Resp: 33076
Ion Ratio Lower Upper
113 100
55 187.4 153.4 230.2
56 155.3 119.6 179.4

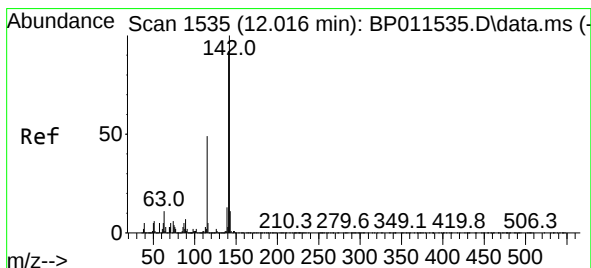
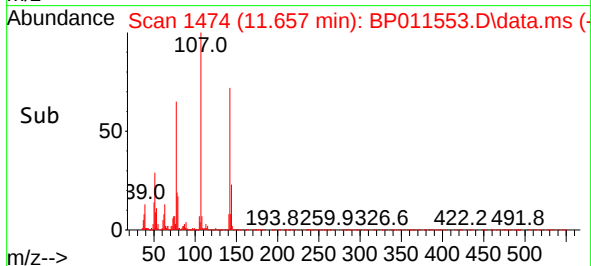
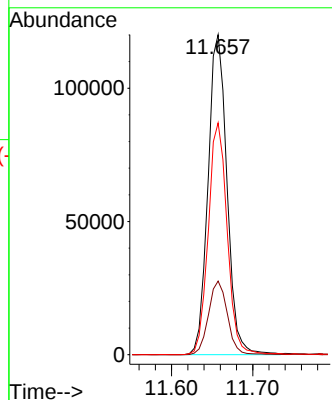
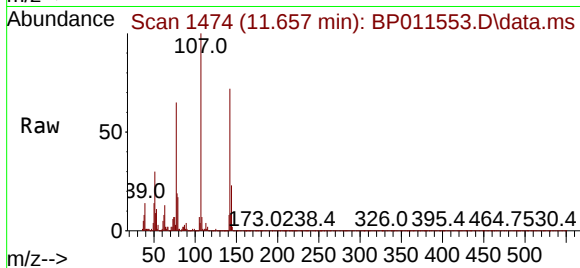




#35
4-Chloro-3-methylphenol
Concen: 35.847 ng/ul
RT: 11.657 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

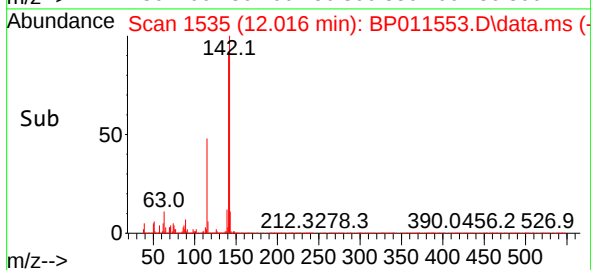
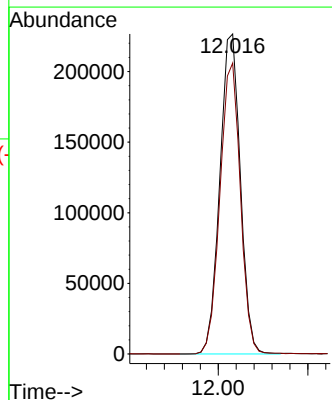
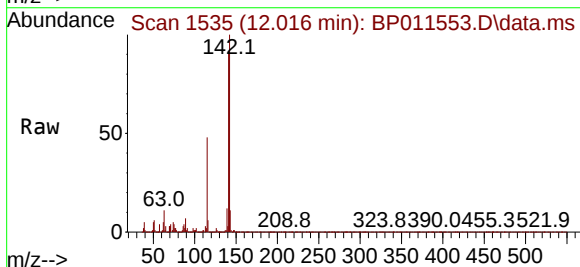
Instrument :
BNA_P
ClientSampleId :

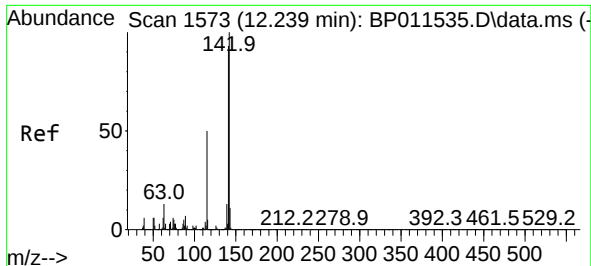
Tgt Ion:107 Resp: 194629
Ion Ratio Lower Upper
107 100
144 23.0 18.3 27.5
142 72.5 55.8 83.8



#36
2-Methylnaphthalene
Concen: 33.741 ng/ul
RT: 12.016 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion:142 Resp: 359617
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0

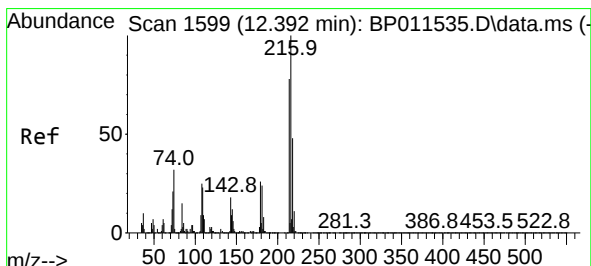
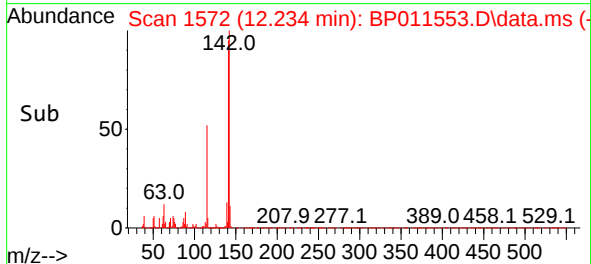
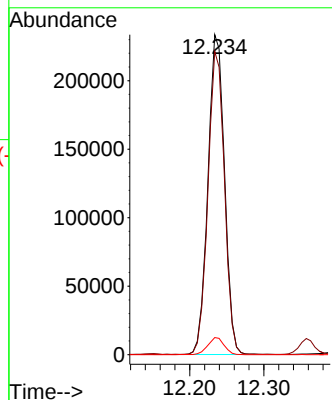
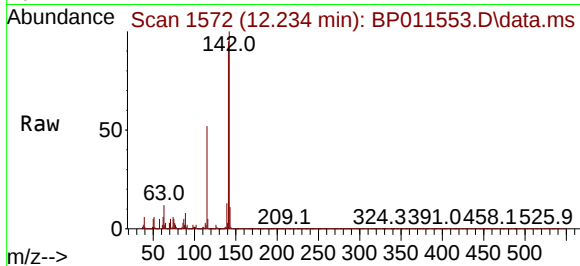




#37
1-Methylnaphthalene
Concen: 33.598 ng/ul
RT: 12.234 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

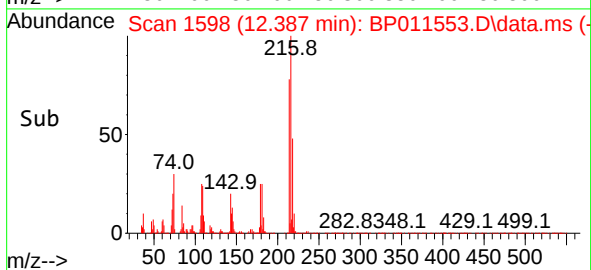
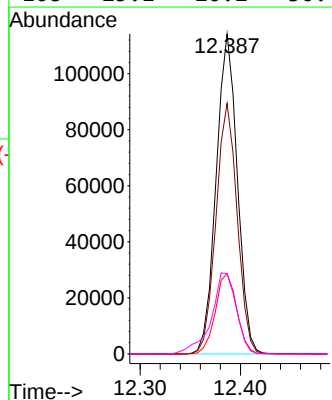
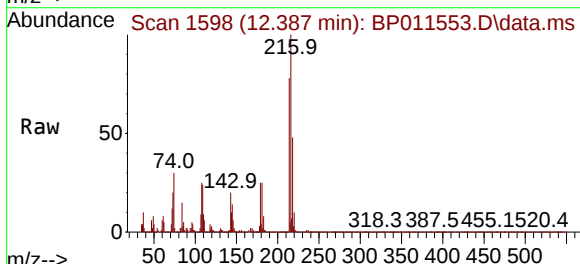
Instrument :
BNA_P
ClientSampleId :

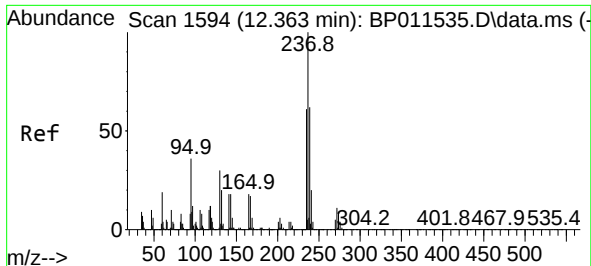
Tgt Ion:142 Resp: 363193
Ion Ratio Lower Upper
142 100
141 94.8 73.0 109.6
116 5.4 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.061 ng/ul
RT: 12.387 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:216 Resp: 167480
Ion Ratio Lower Upper
216 100
214 78.3 60.4 90.6
179 25.2 20.0 30.0
108 25.1 20.2 30.4

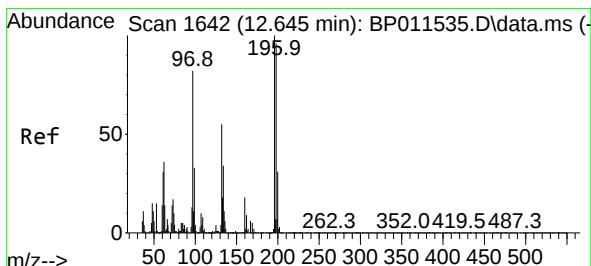
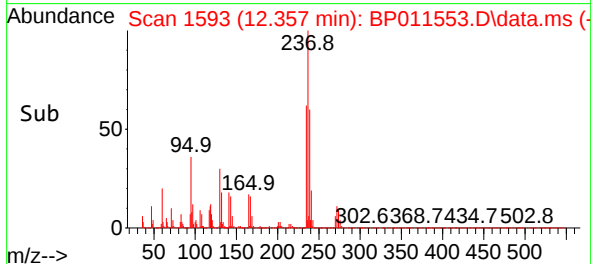
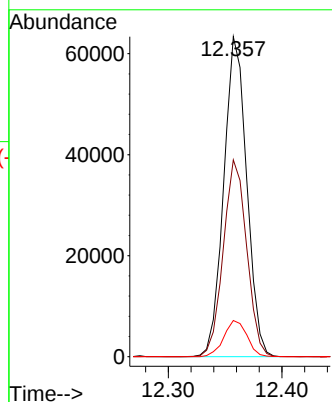
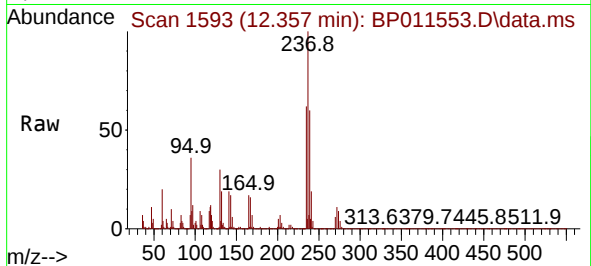




#40
Hexachlorocyclopentadiene
Concen: 29.187 ng/ul
RT: 12.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

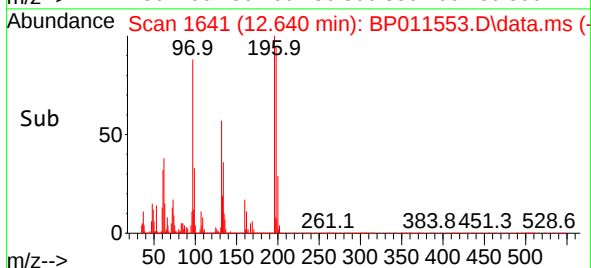
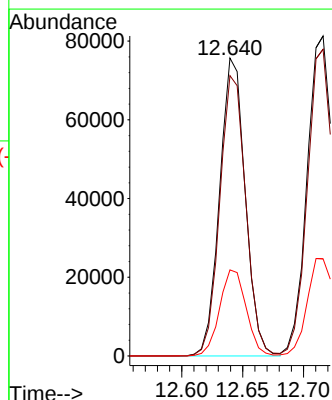
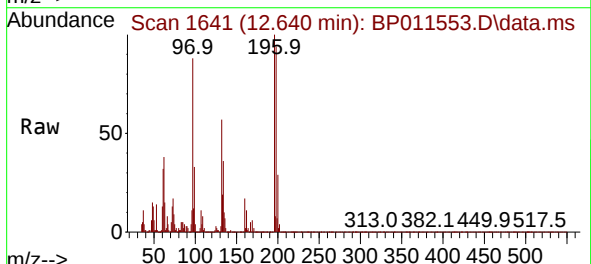
Instrument :
BNA_P
ClientSampleId :

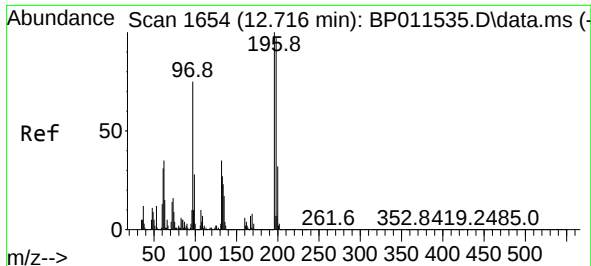
Tgt Ion:237 Resp: 89036
Ion Ratio Lower Upper
237 100
235 61.5 50.9 76.3
272 11.3 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 35.011 ng/ul
RT: 12.640 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:196 Resp: 110800
Ion Ratio Lower Upper
196 100
198 94.1 75.6 113.4
200 28.9 23.1 34.7

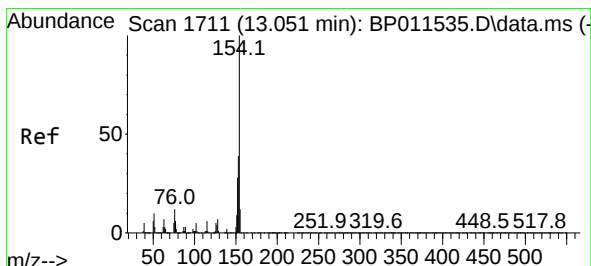
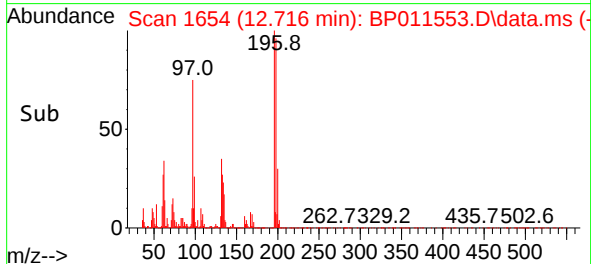
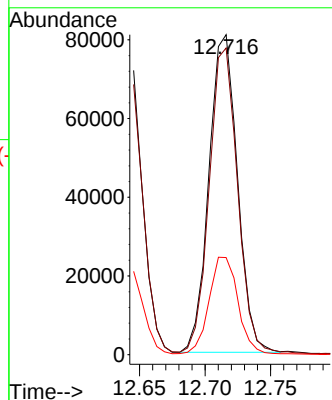
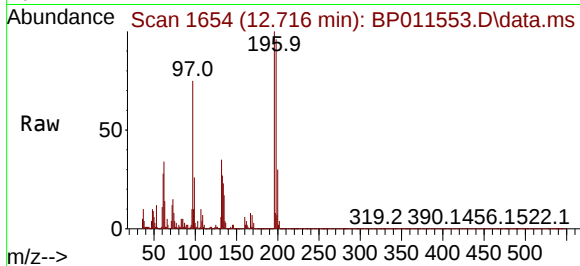




#42
2,4,5-Trichlorophenol
Concen: 34.637 ng/ul
RT: 12.716 min Scan# 1654
Delta R.T. 0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

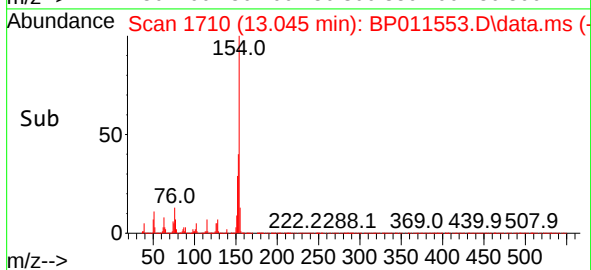
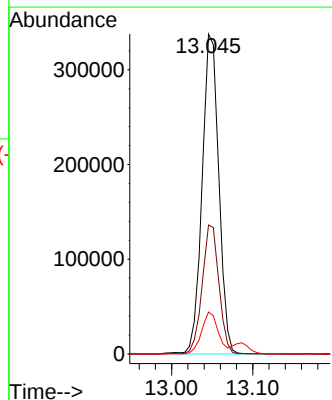
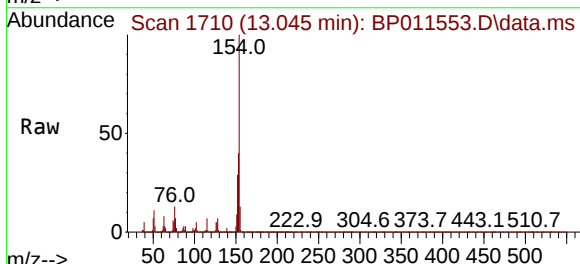
Instrument :
BNA_P
ClientSampleId :

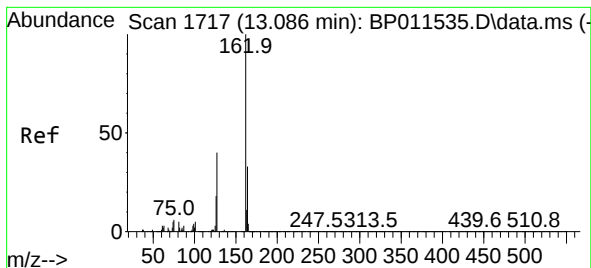
Tgt Ion:196 Resp: 122021
Ion Ratio Lower Upper
196 100
198 95.9 75.6 113.4
200 30.3 23.8 35.6



#43
1,1'-Biphenyl
Concen: 33.258 ng/ul
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:154 Resp: 480076
Ion Ratio Lower Upper
154 100
153 40.3 32.2 48.4
76 13.1 11.6 17.4





#44

2-Chloronaphthalene

Concen: 33.108 ng/ul

RT: 13.087 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

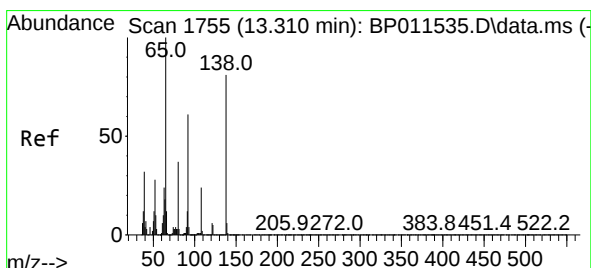
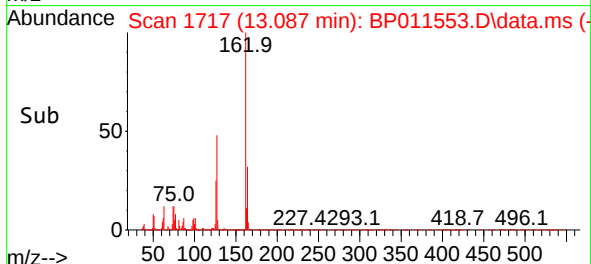
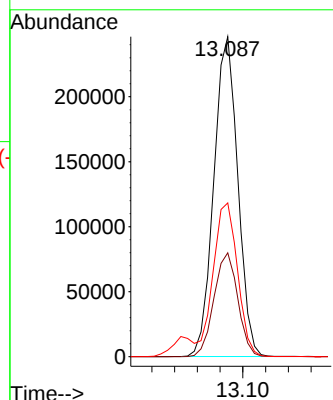
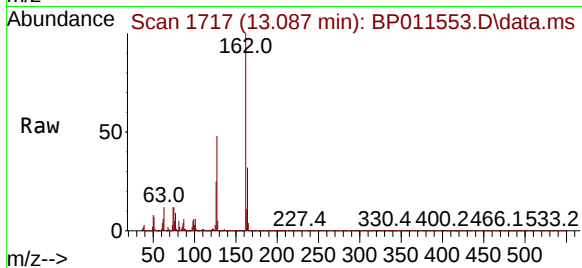
Tgt Ion:162 Resp: 360134

Ion Ratio Lower Upper

162 100

164 32.4 26.4 39.6

127 48.0 37.4 56.2



#45

2-Nitroaniline

Concen: 37.835 ng/ul

RT: 13.310 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

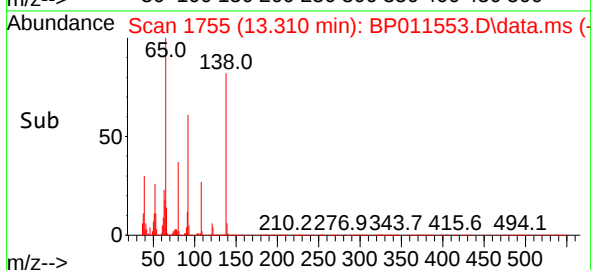
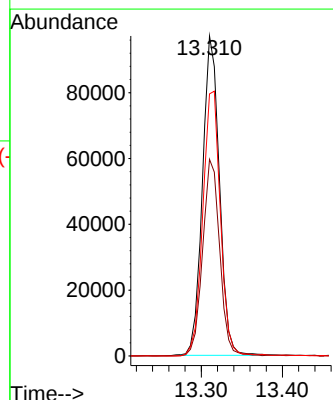
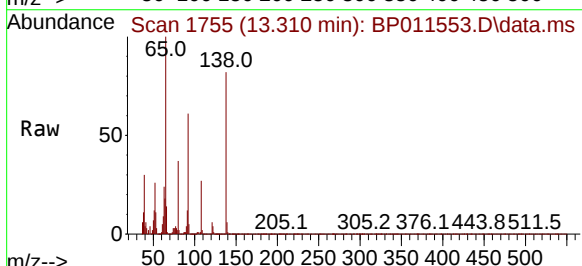
Tgt Ion: 65 Resp: 140463

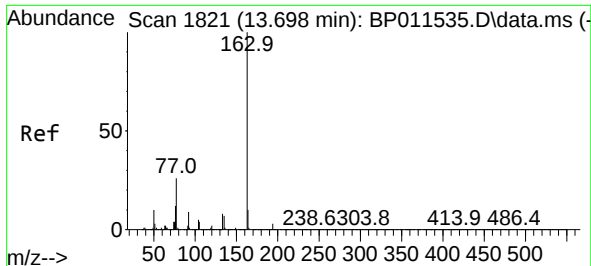
Ion Ratio Lower Upper

65 100

92 61.5 50.8 76.2

138 81.9 66.7 100.1

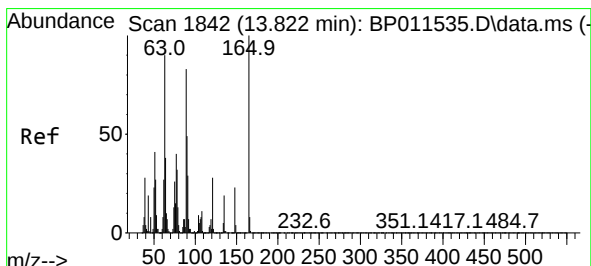
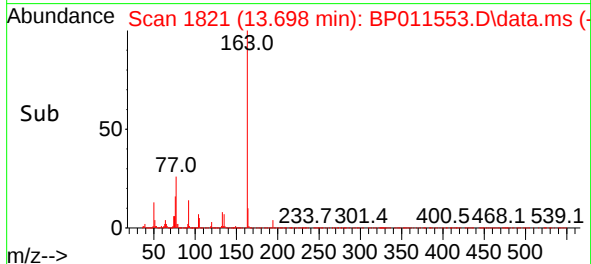
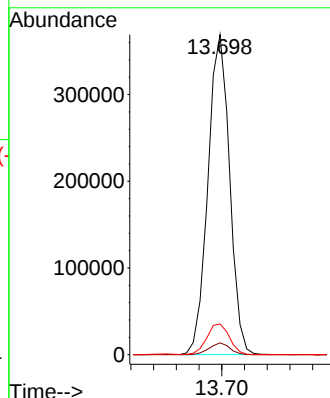
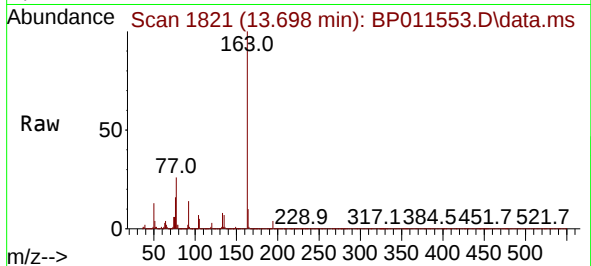




#47
Dimethylphthalate
Concen: 34.525 ng/ul
RT: 13.698 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

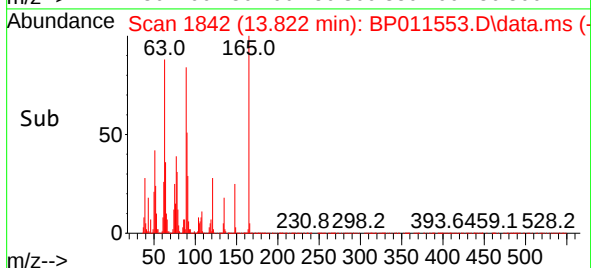
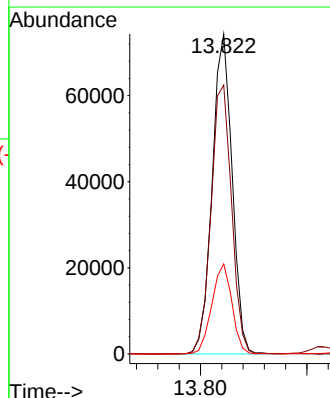
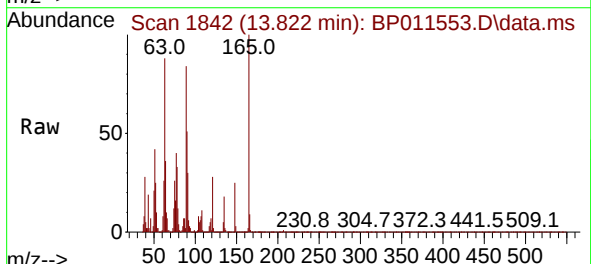
Instrument :
BNA_P
ClientSampleId :

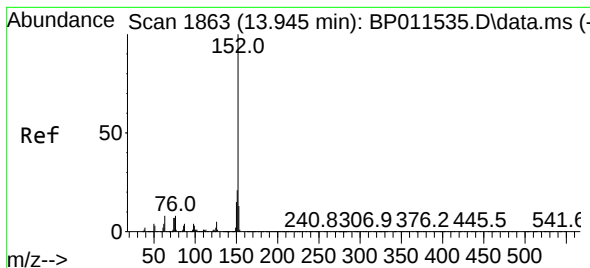
Tgt Ion:163 Resp: 488937
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.6 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 37.776 ng/ul
RT: 13.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion:165 Resp: 96181
Ion Ratio Lower Upper
165 100
89 84.1 66.6 99.8
121 28.2 21.0 31.6





#50

Acenaphthylene

Concen: 34.091 ng/ul

RT: 13.940 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

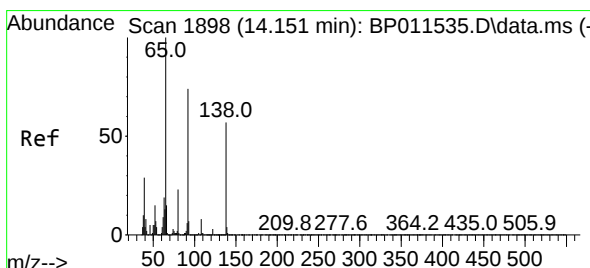
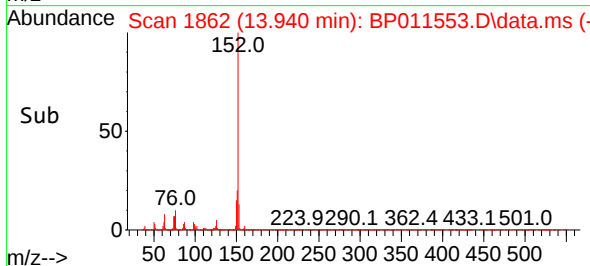
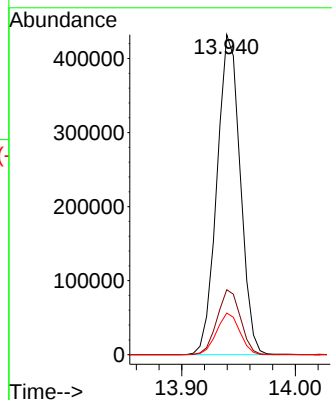
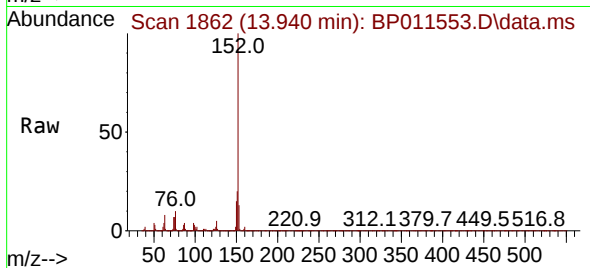
Tgt Ion:152 Resp: 616774

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

153 13.0 10.6 15.8



#51

3-Nitroaniline

Concen: 37.946 ng/ul

RT: 14.151 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

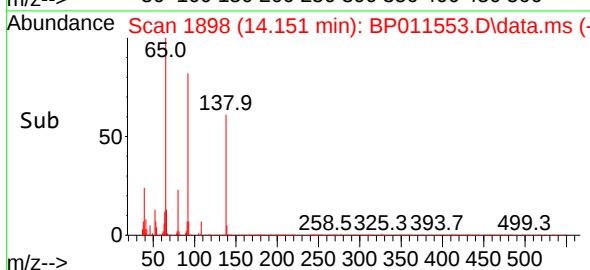
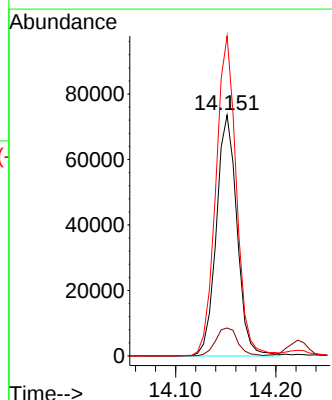
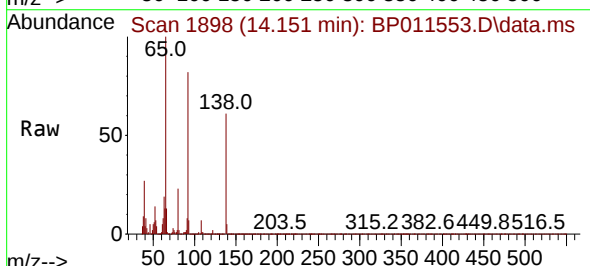
Tgt Ion:138 Resp: 105234

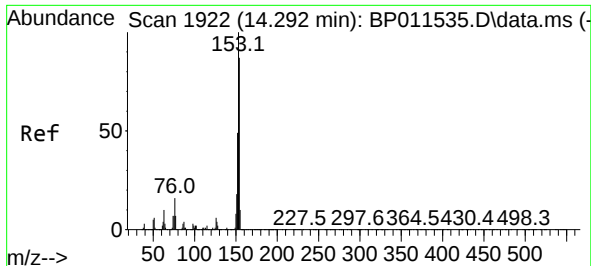
Ion Ratio Lower Upper

138 100

108 11.6 8.6 13.0

92 132.9 104.2 156.2

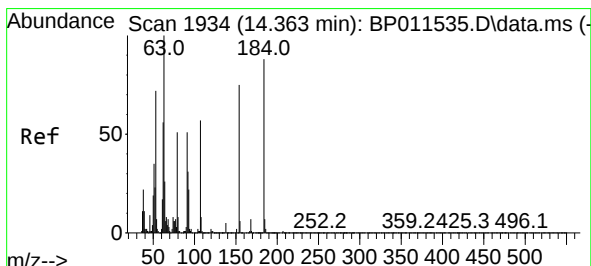
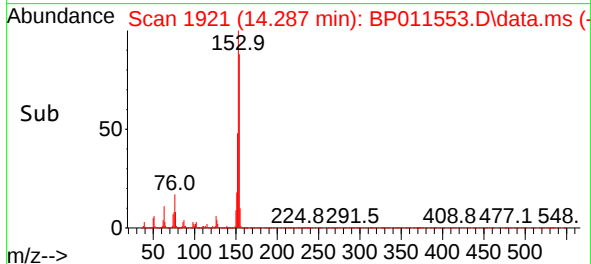
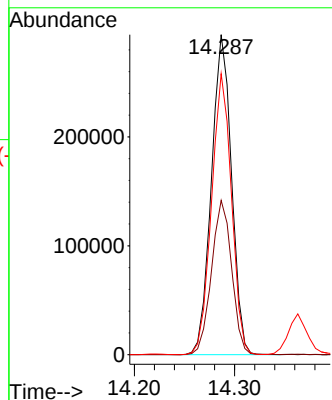
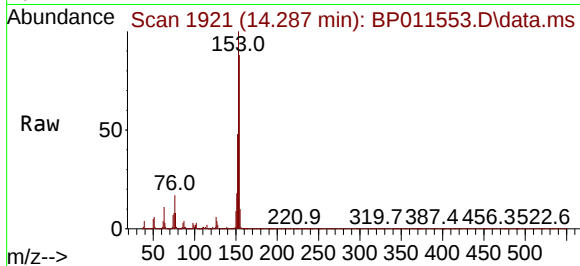




#52
Acenaphthene
Concen: 33.797 ng/ul
RT: 14.287 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

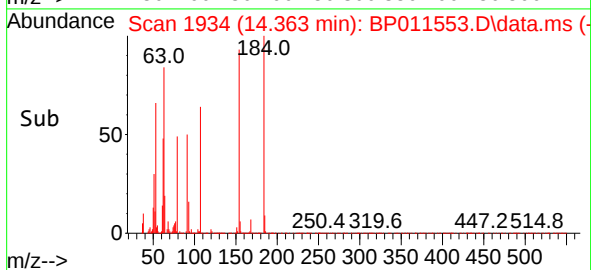
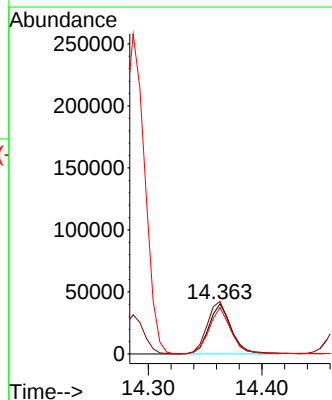
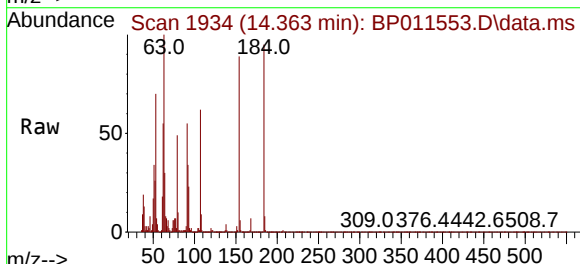
Instrument :
BNA_P
ClientSampleId :

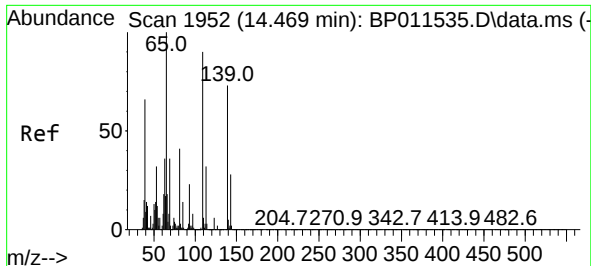
Tgt Ion:153 Resp: 409547
Ion Ratio Lower Upper
153 100
152 48.2 37.7 56.5
154 87.8 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 35.587 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:184 Resp: 55458
Ion Ratio Lower Upper
184 100
63 104.9 82.5 123.7
154 92.9 66.6 100.0

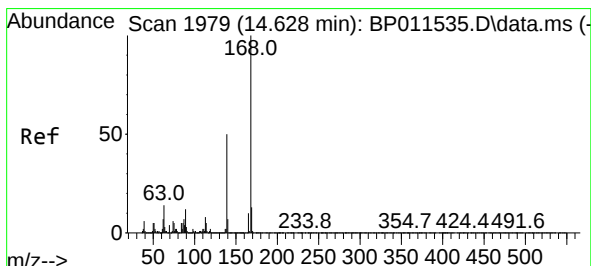
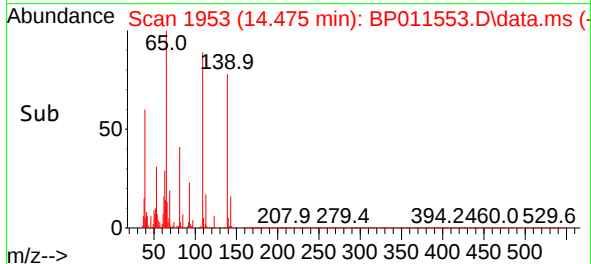
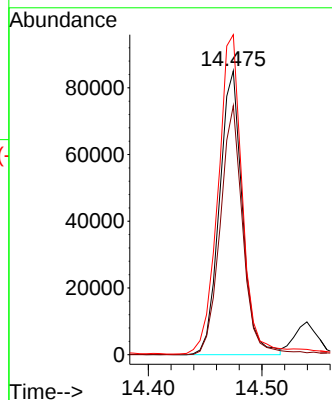
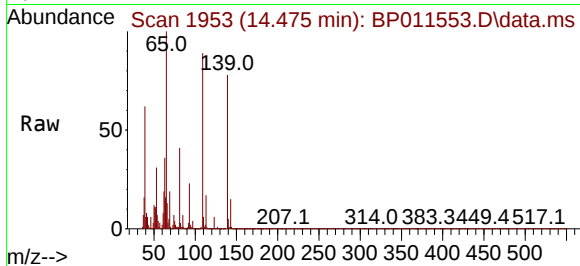




#55
4-Nitrophenol
Concen: 37.936 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

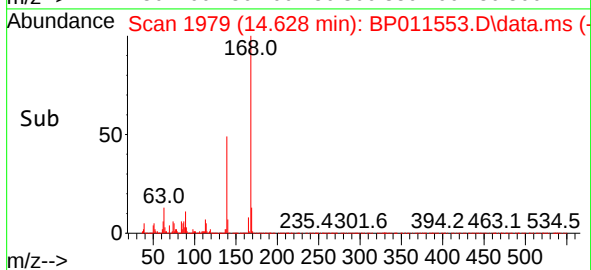
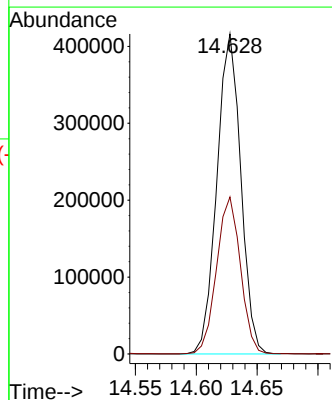
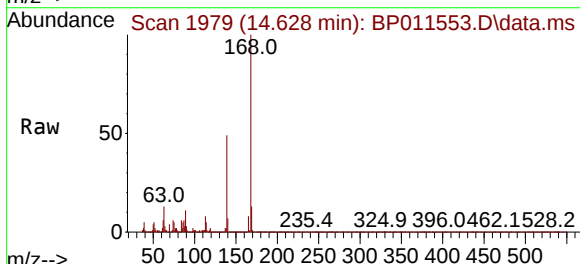
Instrument :
BNA_P
ClientSampleId :

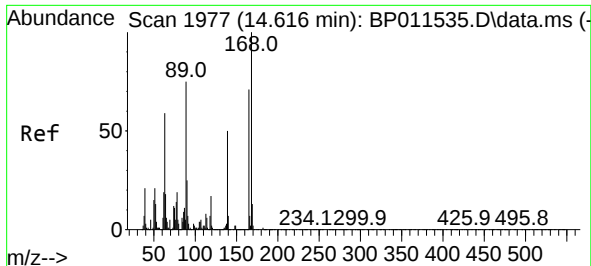
Tgt Ion:109 Resp: 119326
Ion Ratio Lower Upper
109 100
139 87.7 76.0 114.0
65 112.8 98.8 148.2



#56
Dibenzofuran
Concen: 34.044 ng/ul
RT: 14.628 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:168 Resp: 568898
Ion Ratio Lower Upper
168 100
139 49.1 38.4 57.6

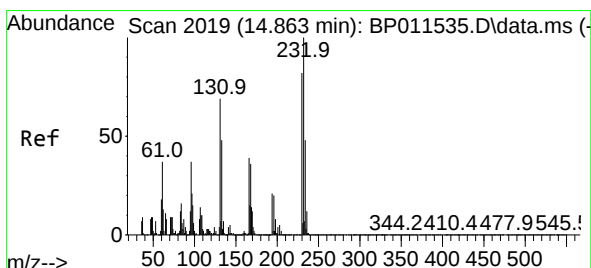
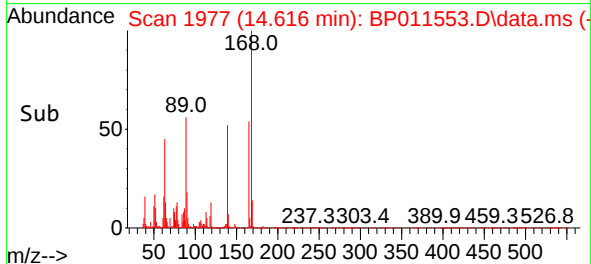
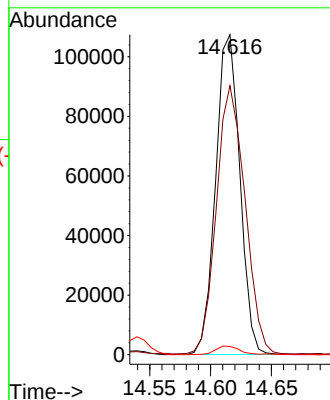
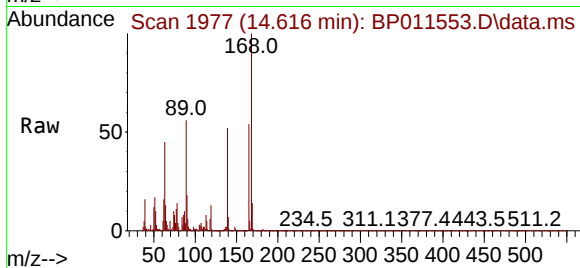




#57
2,4-Dinitrotoluene
Concen: 39.000 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

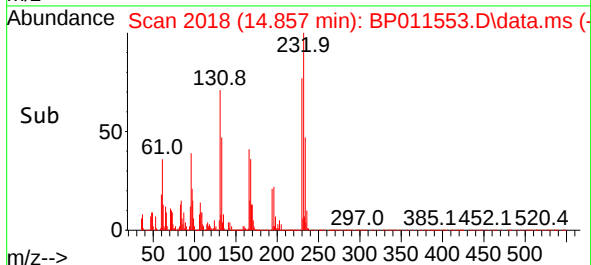
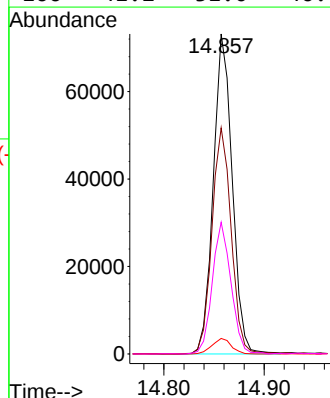
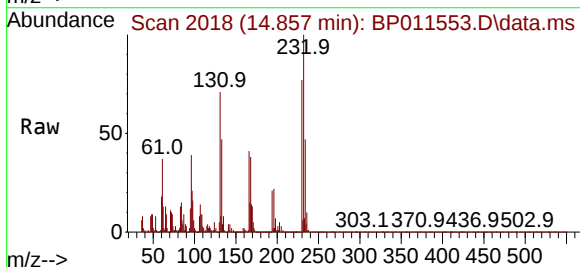
Instrument :
BNA_P
ClientSampleId :

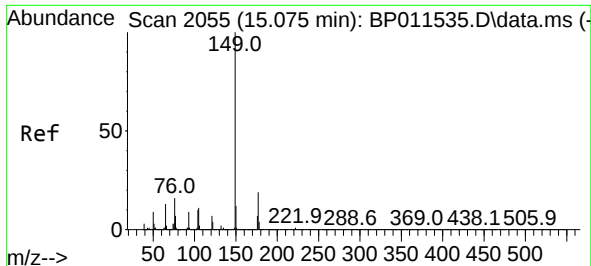
Tgt Ion:165 Resp: 148650
Ion Ratio Lower Upper
165 100
63 84.0 60.2 90.2
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.697 ng/ul
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:232 Resp: 95966
Ion Ratio Lower Upper
232 100
131 70.6 55.4 83.0
130 4.8 3.6 5.4
166 41.2 31.0 46.4

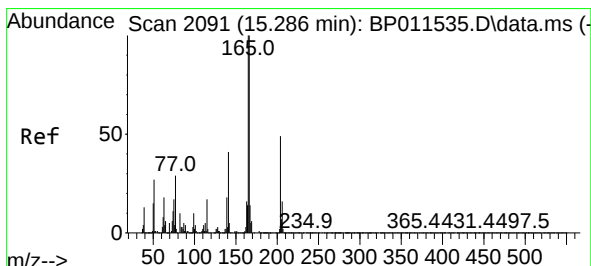
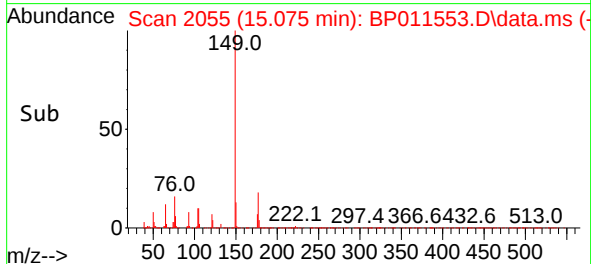
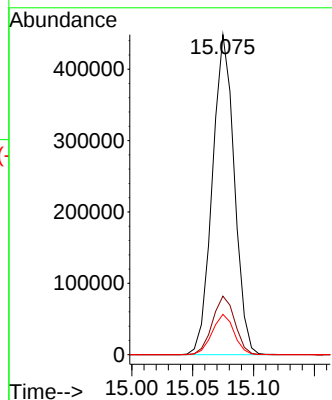
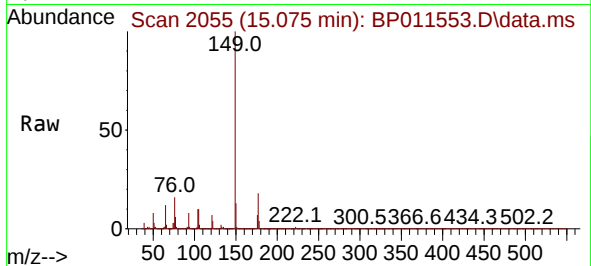




#59
Diethylphthalate
Concen: 36.314 ng/ul
RT: 15.075 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

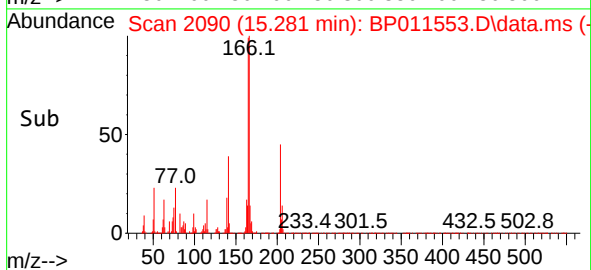
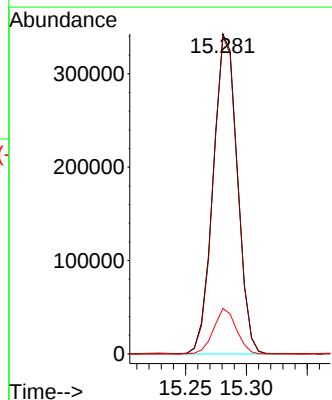
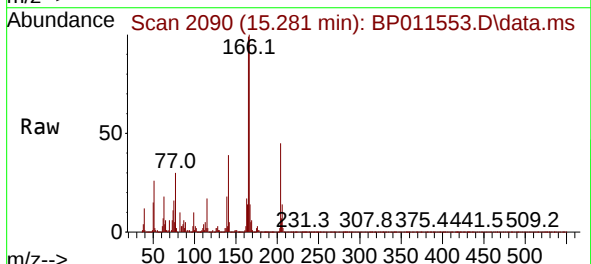
Instrument :
BNA_P
ClientSampleId :

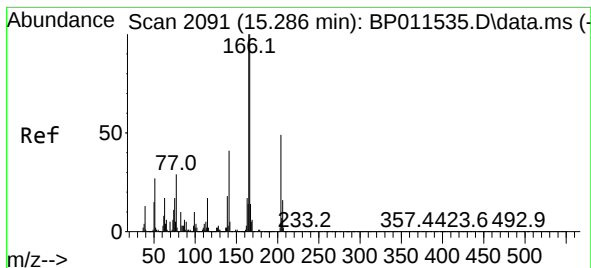
Tgt Ion:149 Resp: 563267
Ion Ratio Lower Upper
149 100
177 18.3 15.7 23.5
150 12.6 10.1 15.1



#61
Fluorene
Concen: 34.617 ng/ul
RT: 15.281 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:166 Resp: 473240
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 14.2 10.3 15.5

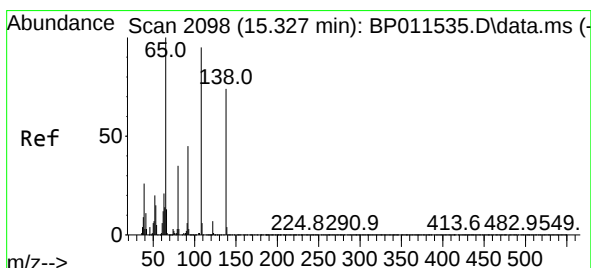
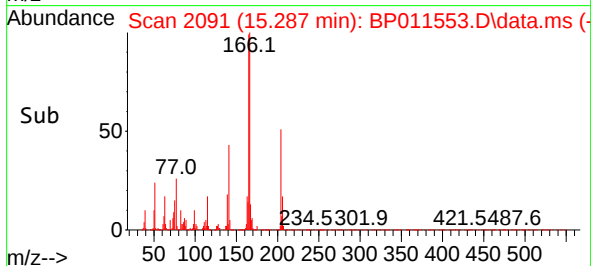
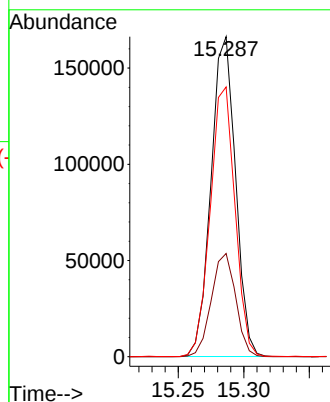
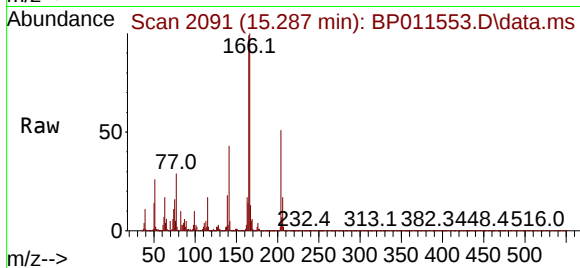




#62
4-Chlorophenyl-phenylether
Concen: 35.032 ng/ul
RT: 15.287 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

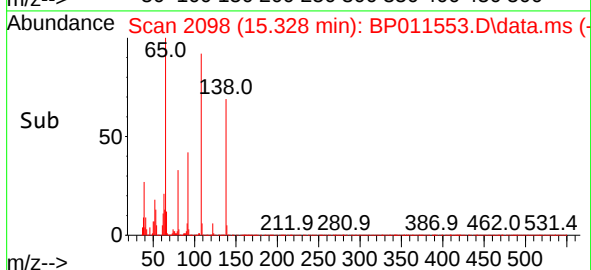
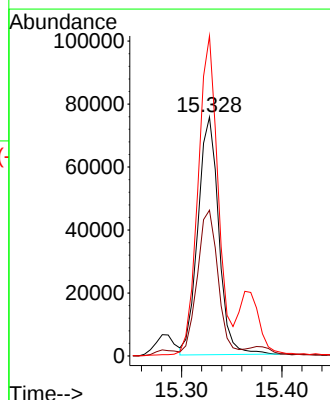
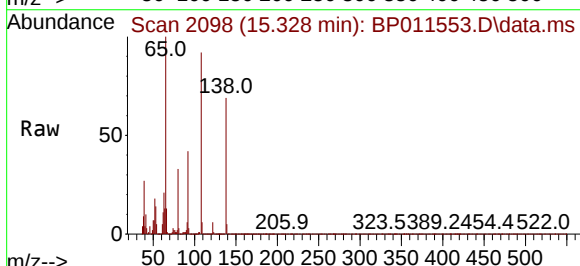
Instrument :
BNA_P
ClientSampleId :

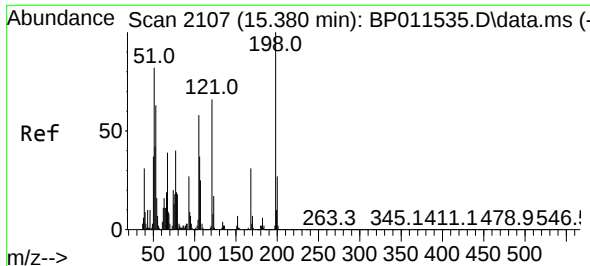
Tgt Ion:204 Resp: 216349
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 84.3 66.5 99.7



#63
4-Nitroaniline
Concen: 40.718 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:138 Resp: 109076
Ion Ratio Lower Upper
138 100
92 61.0 49.5 74.3
108 134.0 93.7 140.5

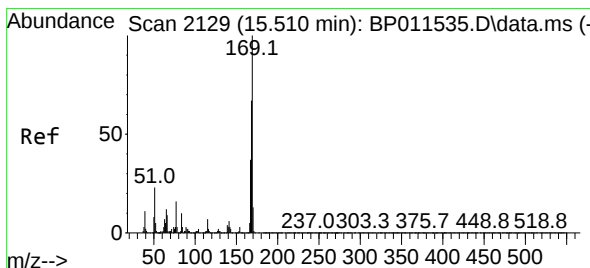
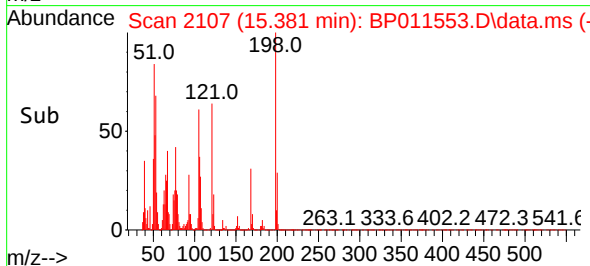
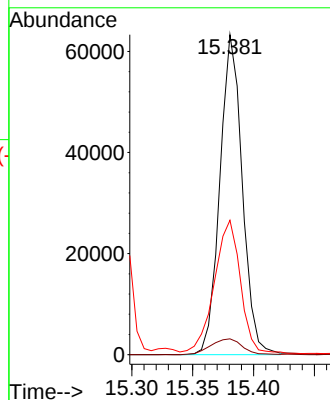
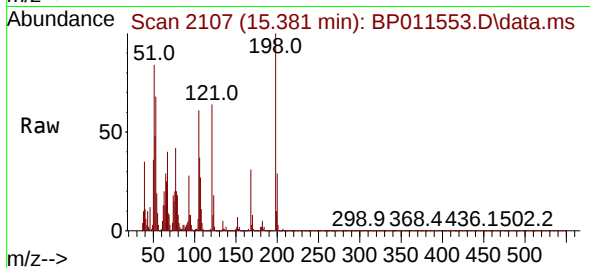




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.804 ng/ul
 RT: 15.381 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: BP011535.D
 Acq: 24 Aug 2022 22:30

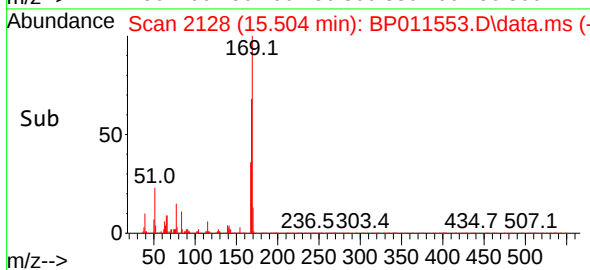
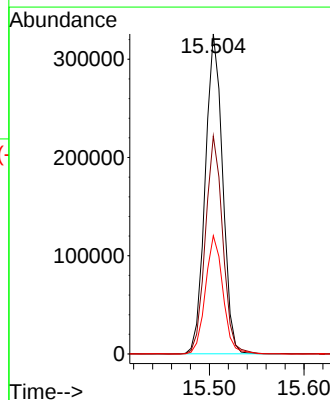
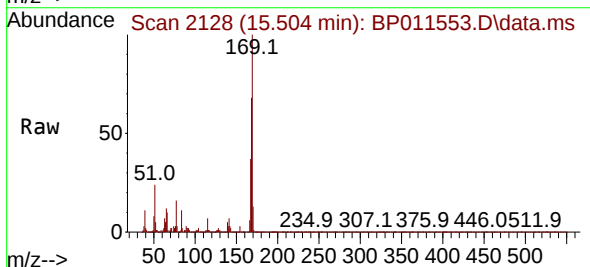
Instrument :
 BNA_P
 ClientSampleId :

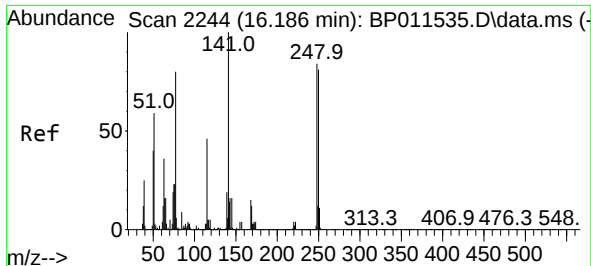
Tgt Ion:198 Resp: 81115
 Ion Ratio Lower Upper
 198 100
 182 5.0 3.9 5.9
 77 42.0 30.1 45.1



#67
 N-Nitrosodiphenylamine
 Concen: 35.836 ng/ul
 RT: 15.504 min Scan# 2128
 Delta R.T. 0.000 min
 Lab File: BP011553.D
 Acq: 24 Aug 2022 22:30

Tgt Ion:169 Resp: 414564
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.6 82.0
 167 36.9 30.2 45.4

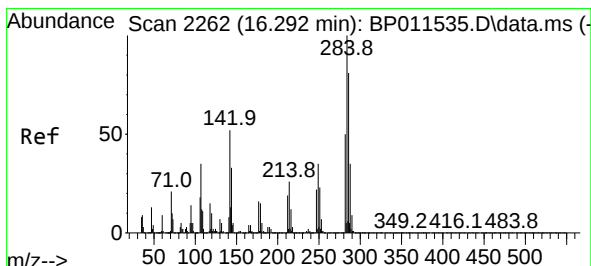
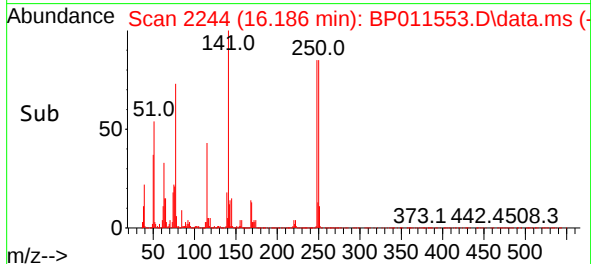
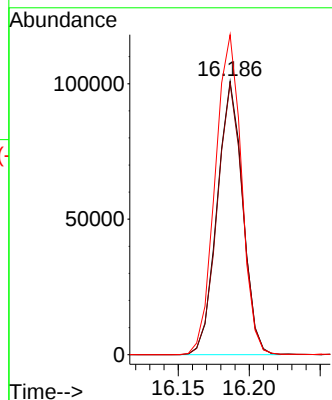
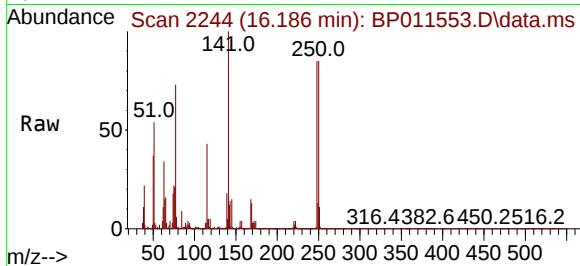




#68
4-Bromophenyl-phenylether
Concen: 35.850 ng/ul
RT: 16.186 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

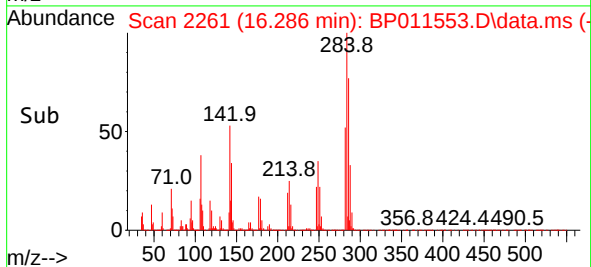
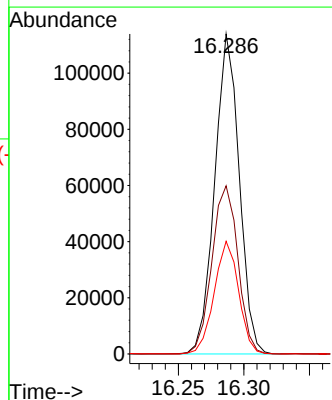
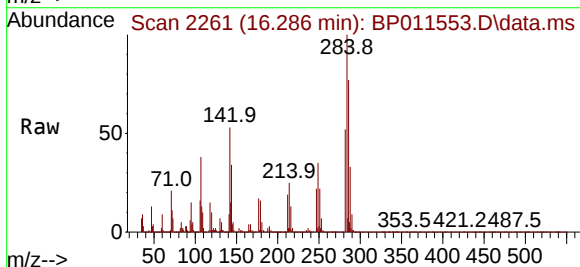
Instrument :
BNA_P
ClientSampleId :

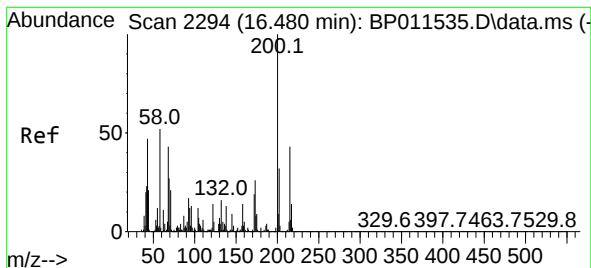
Tgt Ion:248 Resp: 126187
Ion Ratio Lower Upper
248 100
250 99.2 82.8 124.2
141 117.1 90.8 136.2



#69
Hexachlorobenzene
Concen: 36.501 ng/ul
RT: 16.286 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion:284 Resp: 148070
Ion Ratio Lower Upper
284 100
142 52.6 43.5 65.3
249 35.2 28.4 42.6





#70

Atrazine

Concen: 10.704 ng/ul

RT: 16.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

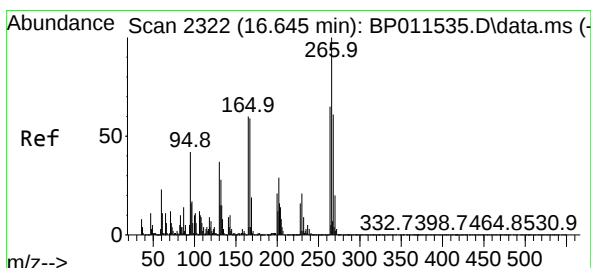
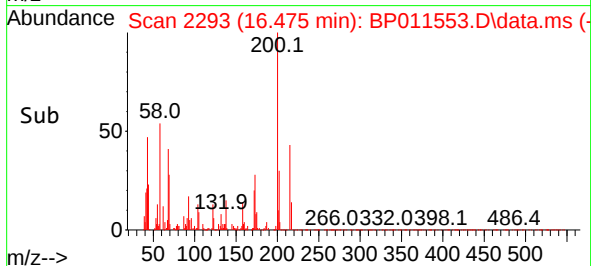
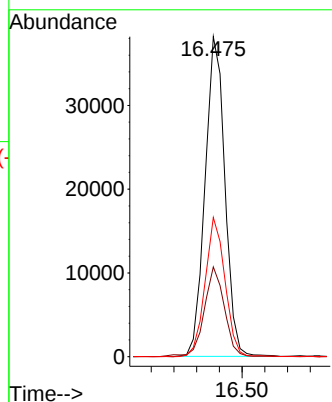
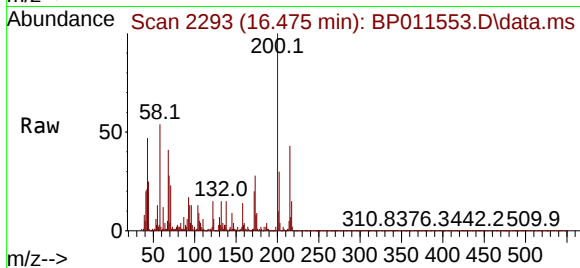
Tgt Ion:200 Resp: 46213

Ion Ratio Lower Upper

200 100

173 28.1 22.0 33.0

215 43.5 36.3 54.5



#71

Pentachlorophenol

Concen: 33.054 ng/ul

RT: 16.645 min Scan# 2322

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

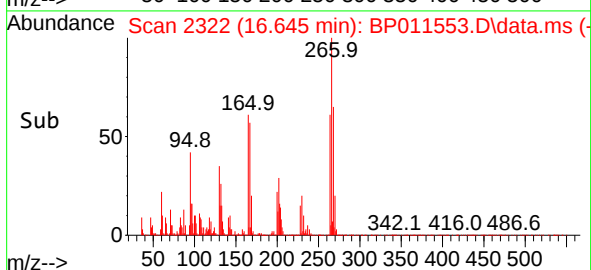
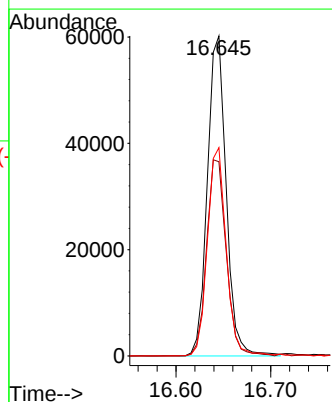
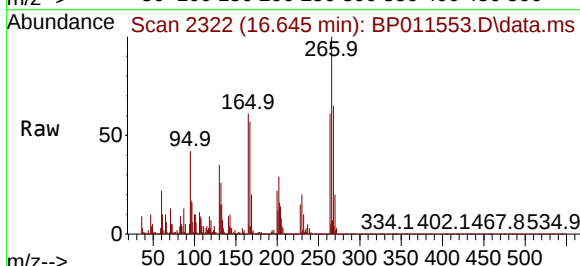
Tgt Ion:266 Resp: 83141

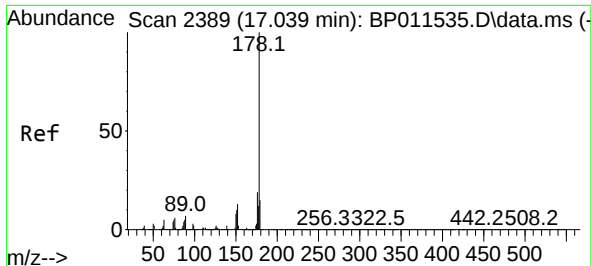
Ion Ratio Lower Upper

266 100

264 60.7 50.6 76.0

268 65.1 51.3 76.9

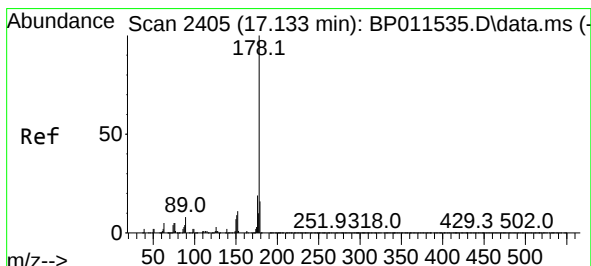
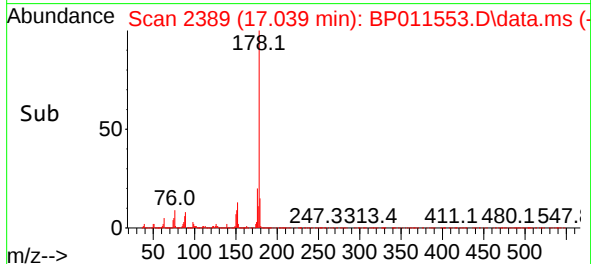
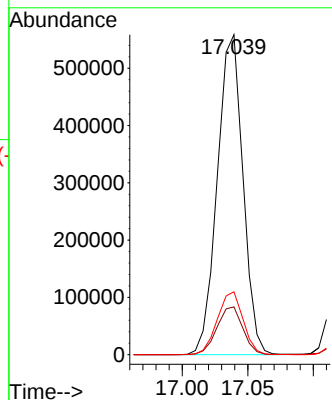
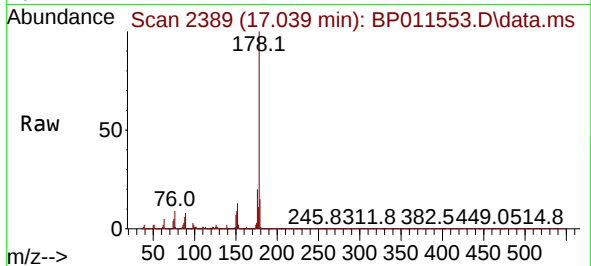




#72
Phenanthrene
Concen: 35.586 ng/u1
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

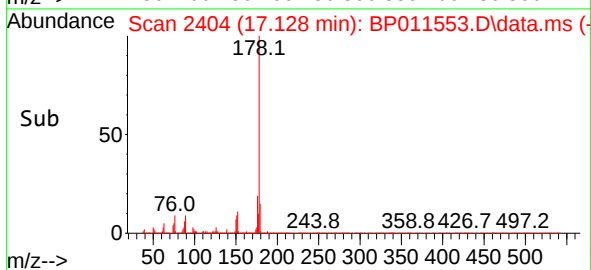
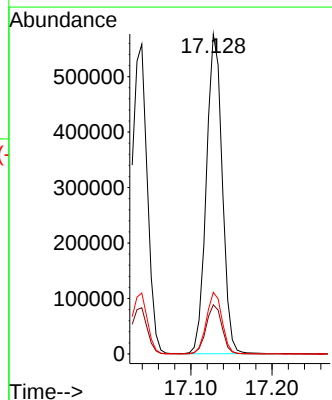
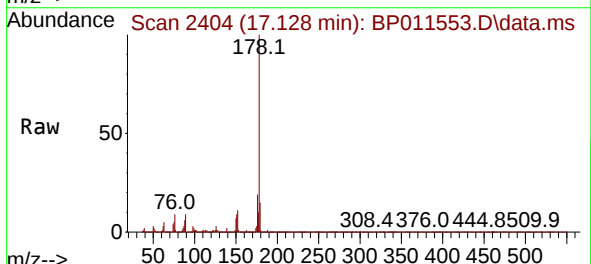
Instrument :
BNA_P
ClientSampleId :

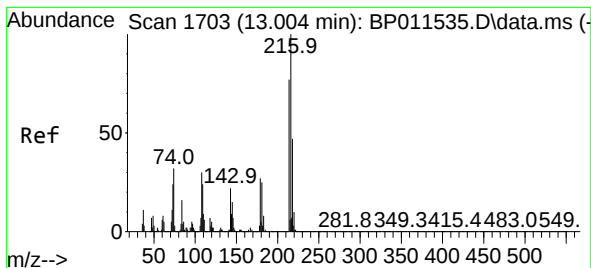
Tgt Ion:178 Resp: 759492
Ion Ratio Lower Upper
178 100
179 15.0 12.6 18.8
176 19.7 15.8 23.8



#74
Anthracene
Concen: 36.362 ng/u1
RT: 17.128 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion:178 Resp: 782935
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.2 15.4 23.0

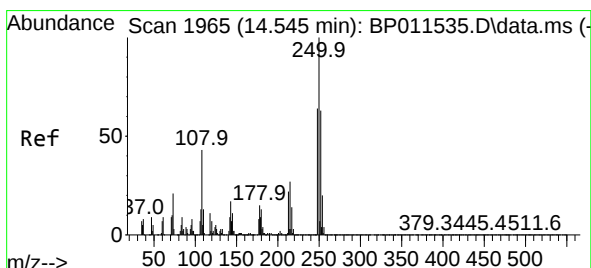
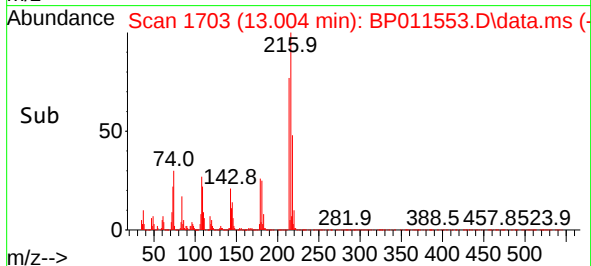
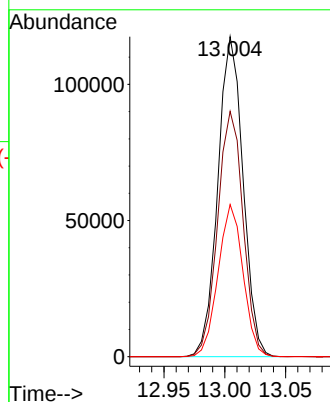
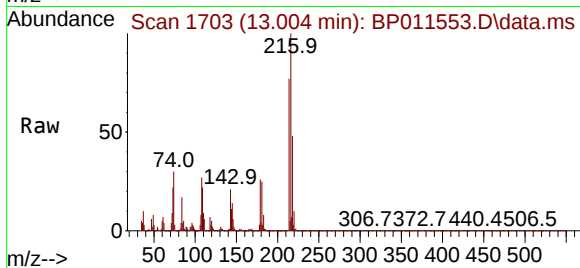




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.463 ng/uL
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

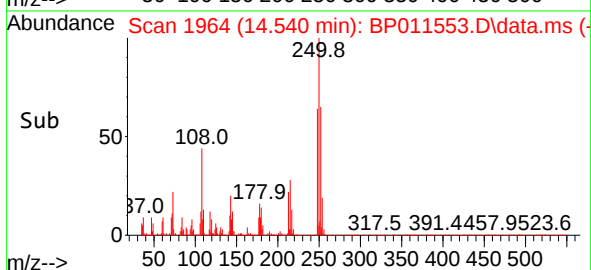
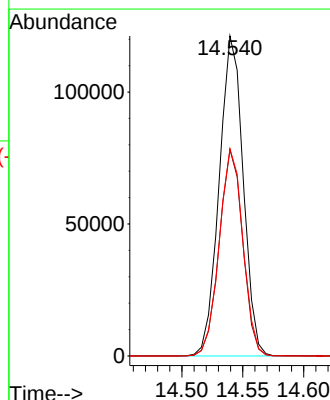
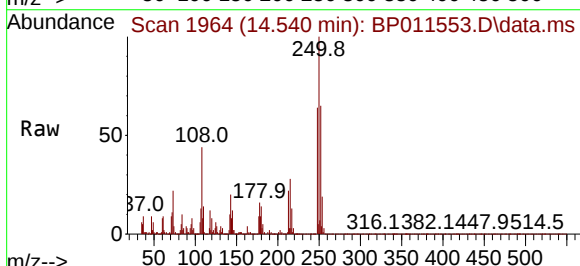
Instrument :
BNA_P
ClientSampleId :

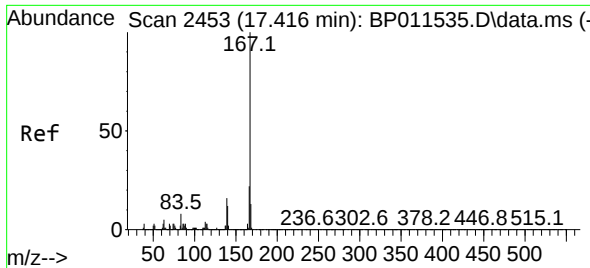
Tgt Ion:216 Resp: 169615
Ion Ratio Lower Upper
216 100
214 76.7 61.8 92.6
218 47.5 37.4 56.0



#76
Pentachlorobenzene
Concen: 34.515 ng/uL
RT: 14.540 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:250 Resp: 166003
Ion Ratio Lower Upper
250 100
248 64.4 51.7 77.5
252 64.8 50.0 75.0

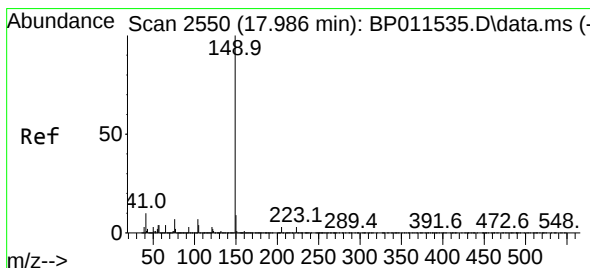
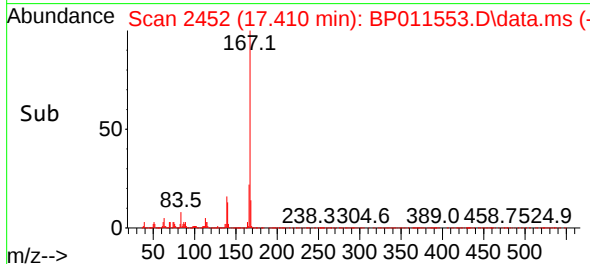
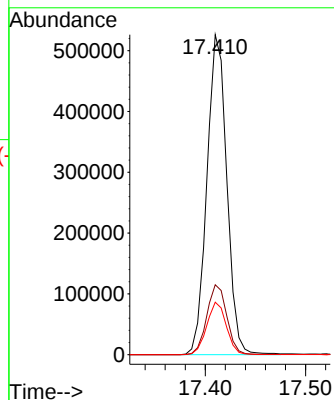
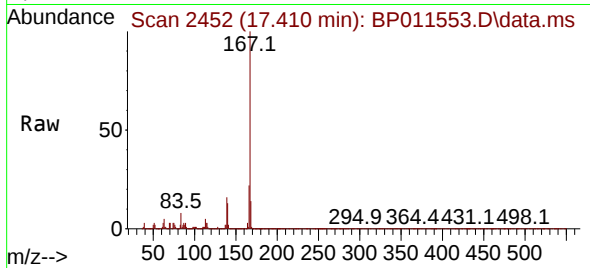




#77
Carbazole
Concen: 35.914 ng/ul
RT: 17.410 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

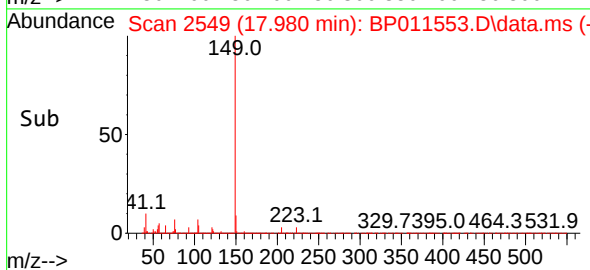
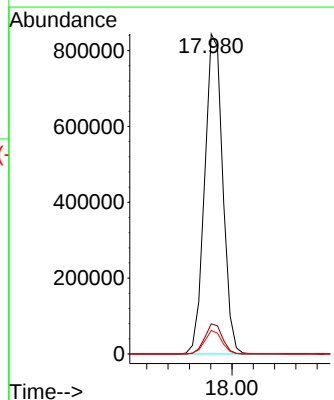
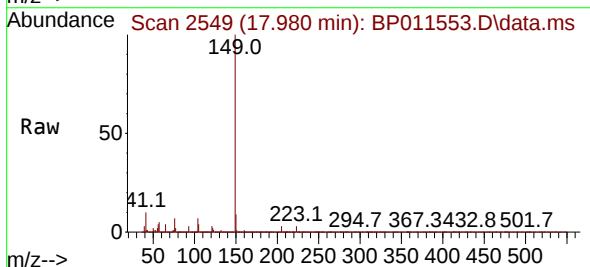
Instrument :
BNA_P
ClientSampleId :

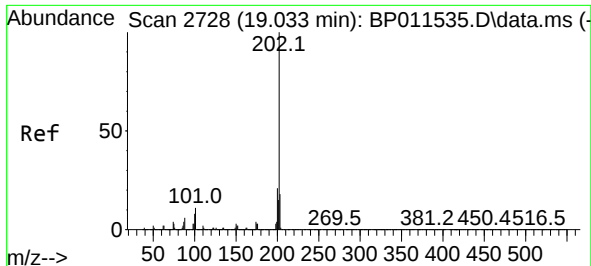
Tgt Ion:167 Resp: 727360
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 16.4 12.1 18.1



#78
Di-n-butylphthalate
Concen: 39.859 ng/ul
RT: 17.980 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:149 Resp: 994094
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 7.3 5.5 8.3

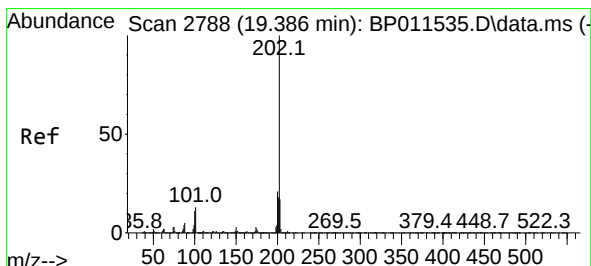
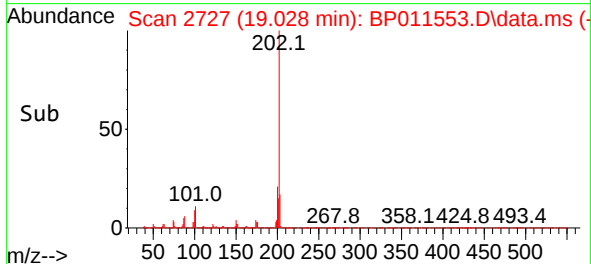
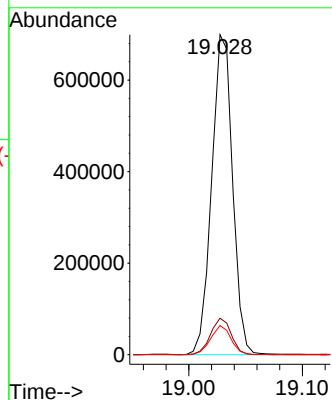
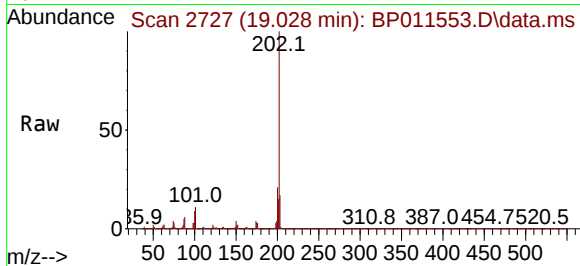




#80
Fluoranthene
Concen: 35.922 ng/u1
RT: 19.028 min Scan# 2727
Delta R.T. -0.006 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

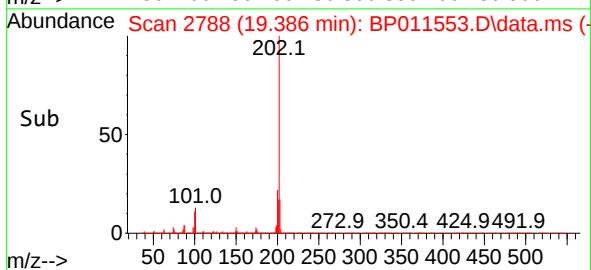
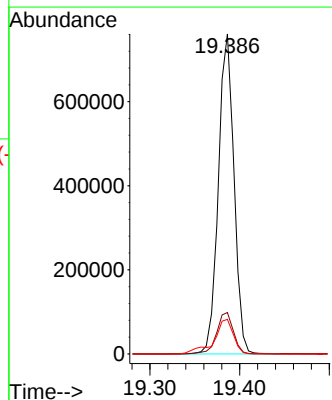
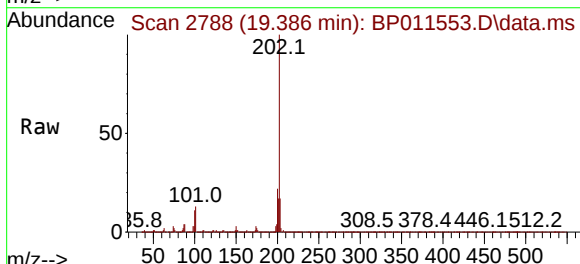
Instrument :
BNA_P
ClientSampleId :

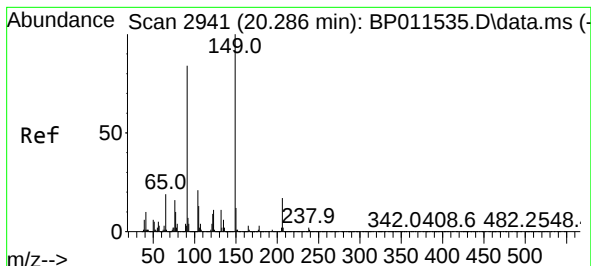
Tgt Ion:202 Resp: 893792
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 9.1 7.9 11.9



#82
Pyrene
Concen: 35.186 ng/u1
RT: 19.386 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:202 Resp: 919891
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.2
100 10.8 9.4 14.0





#83

Butylbenzylphthalate

Concen: 40.242 ng/ul

RT: 20.286 min Scan# 2941

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

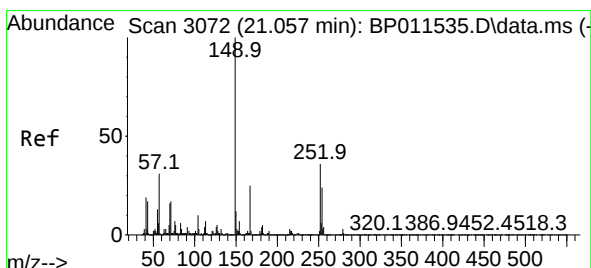
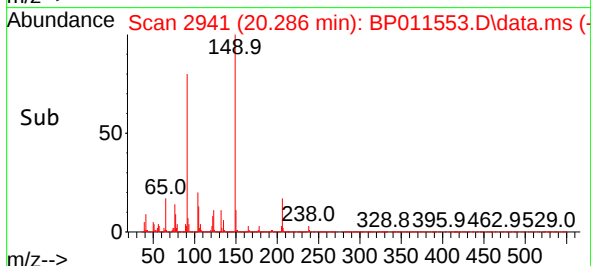
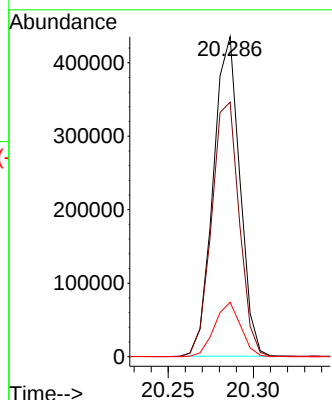
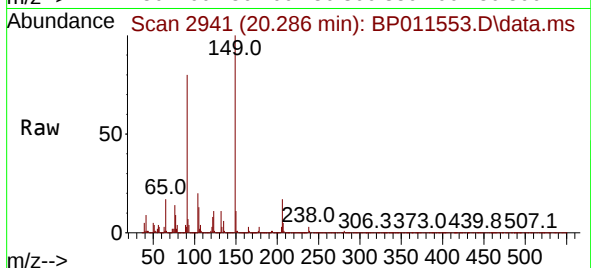
Tgt Ion:149 Resp: 471951

Ion Ratio Lower Upper

149 100

91 79.5 68.5 102.7

206 17.0 12.6 18.8



#84

3,3'-Dichlorobenzidine

Concen: 37.100 ng/ul

RT: 21.051 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

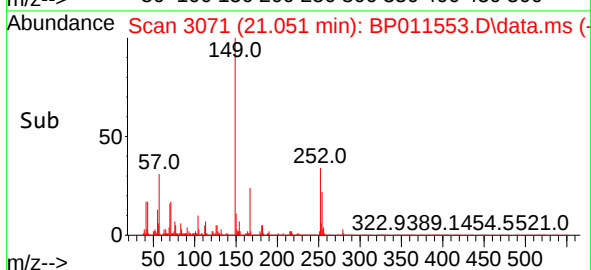
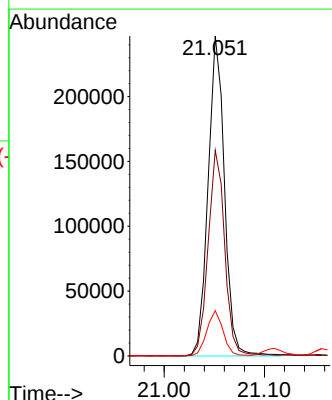
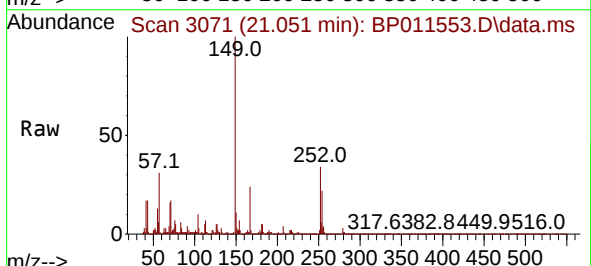
Tgt Ion:252 Resp: 280864

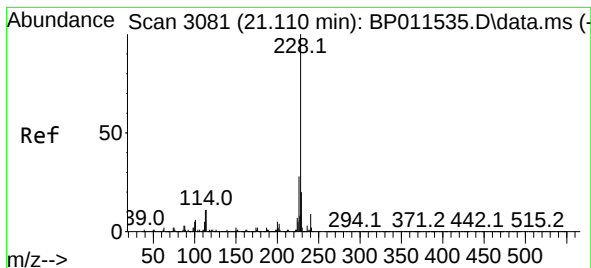
Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 14.1 12.2 18.2





#85

Benzo(a)anthracene

Concen: 36.570 ng/ul

RT: 21.110 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

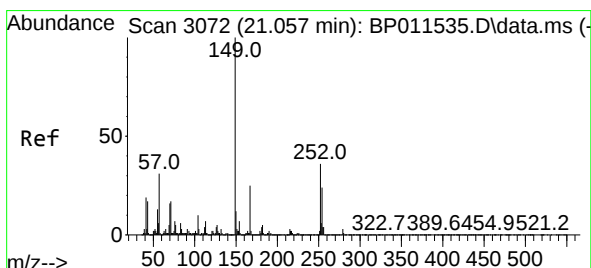
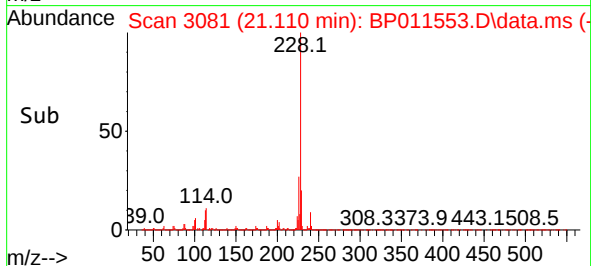
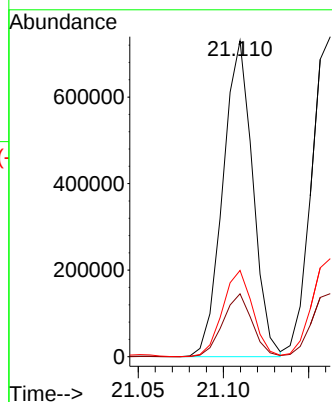
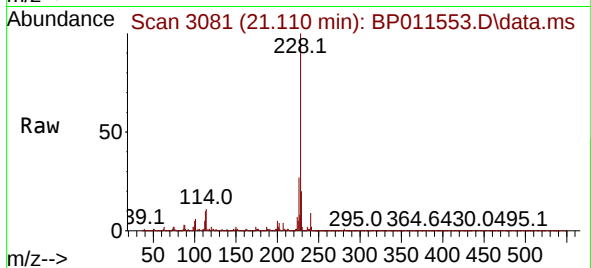
Tgt Ion:228 Resp: 890983

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

226 27.3 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.534 ng/ul

RT: 21.051 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

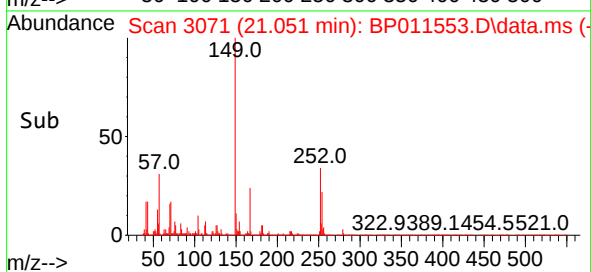
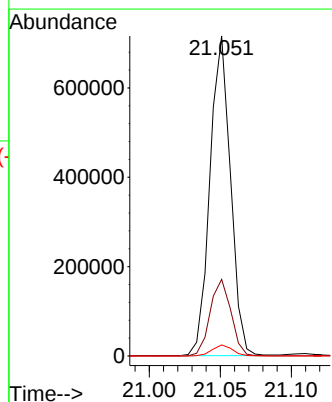
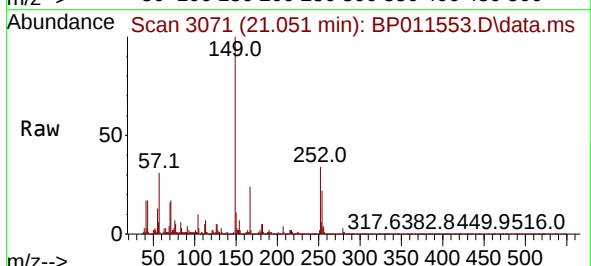
Tgt Ion:149 Resp: 720837

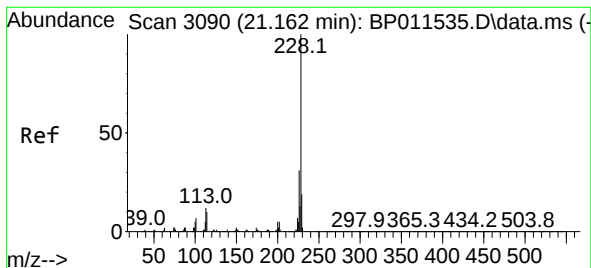
Ion Ratio Lower Upper

149 100

167 23.9 19.8 29.8

279 3.4 2.7 4.1





#87

Chrysene

Concen: 36.929 ng/ul

RT: 21.163 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

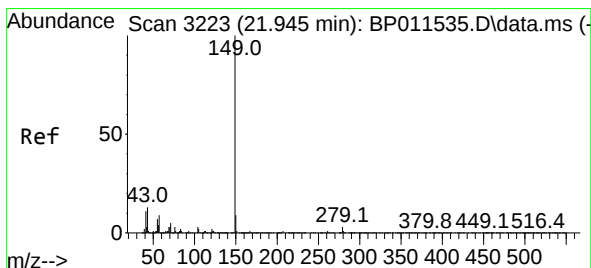
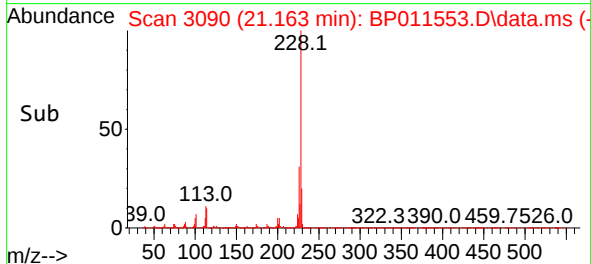
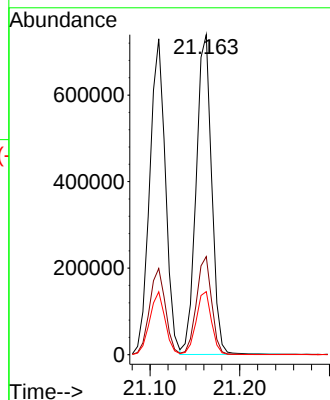
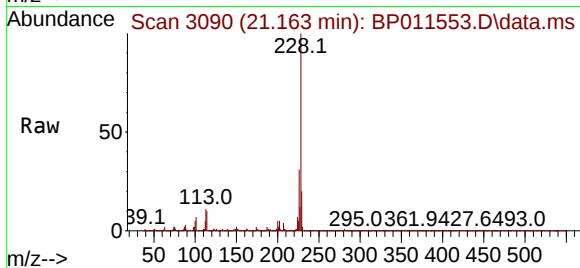
Tgt Ion:228 Resp: 883839

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 19.7 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 37.648 ng/ul

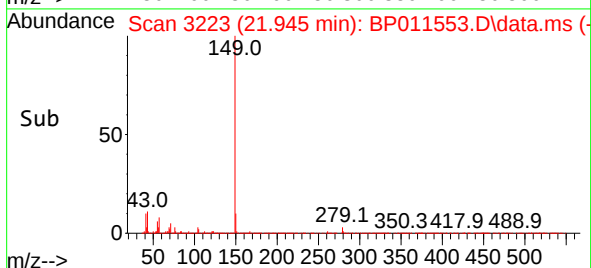
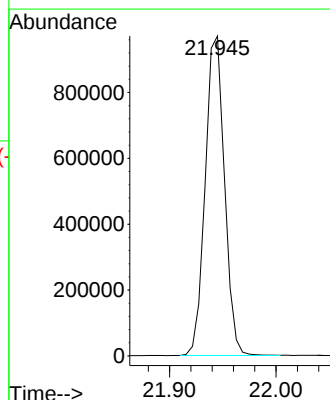
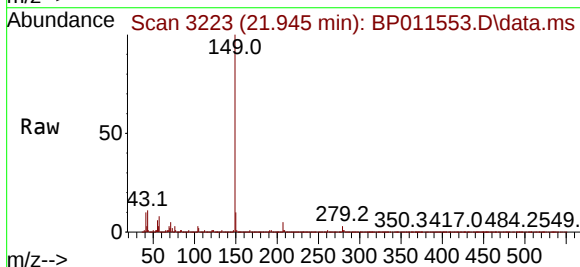
RT: 21.945 min Scan# 3223

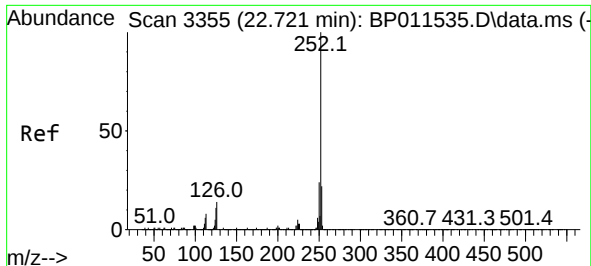
Delta R.T. 0.000 min

Lab File: BP011553.D

Acq: 24 Aug 2022 22:30

Tgt Ion:149 Resp: 1222189

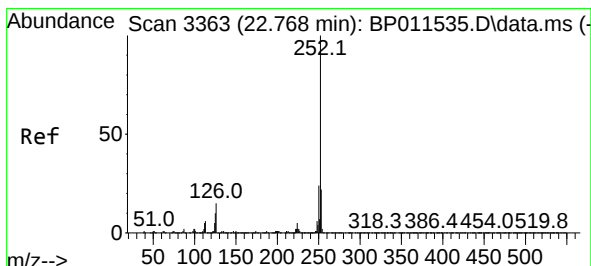
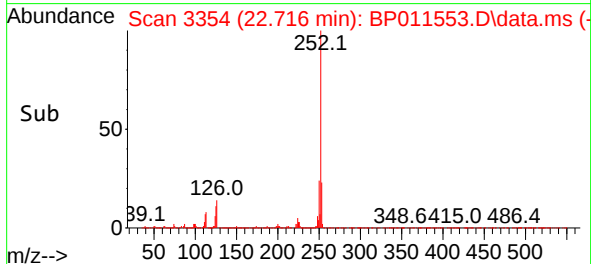
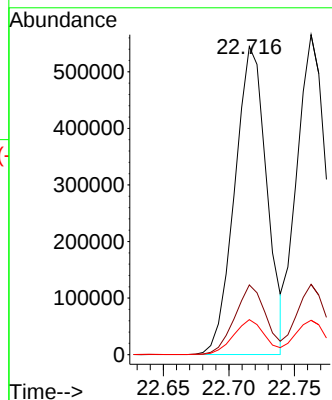
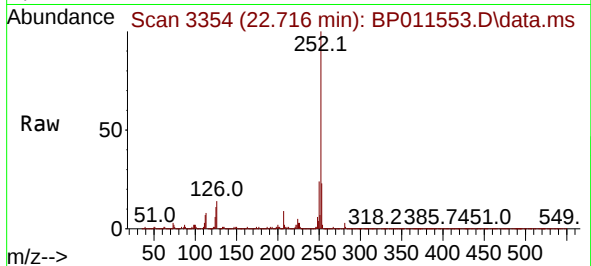




#90
Benzo(b)fluoranthene
Concen: 36.846 ng/ul
RT: 22.716 min Scan# 3355
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

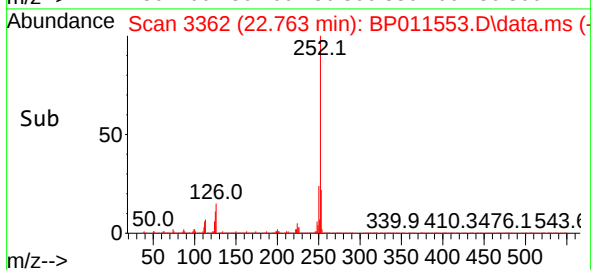
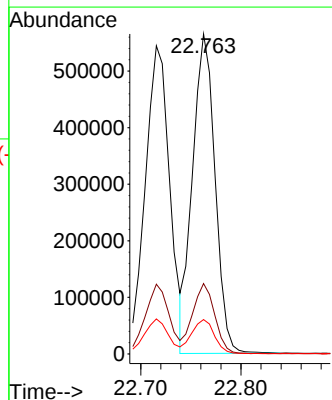
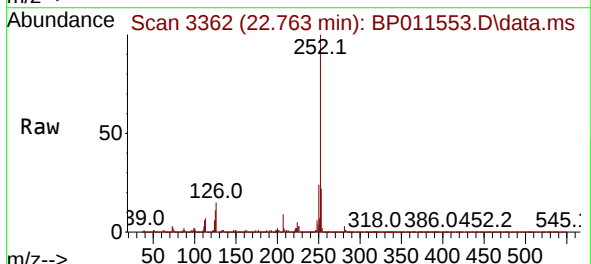
Instrument :
BNA_P
ClientSampleId :

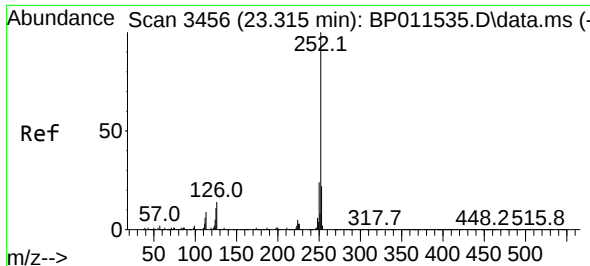
Tgt Ion:252 Resp: 925630
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.4 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 36.705 ng/ul
RT: 22.763 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP011553.D
Acq: 24 Aug 2022 22:30

Tgt Ion:252 Resp: 879935
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.7 9.8 14.8

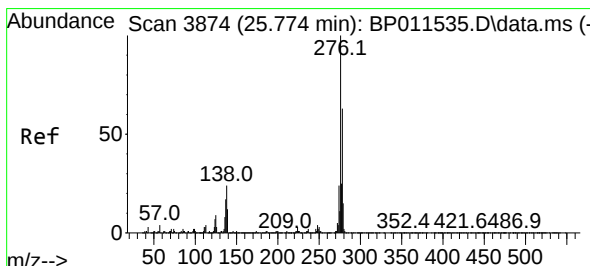
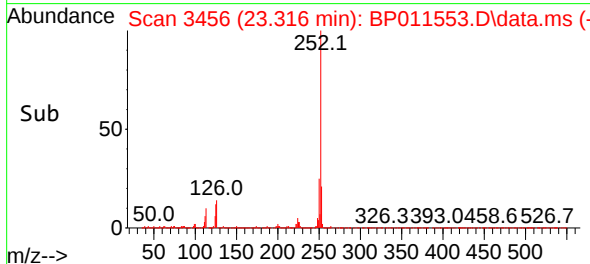
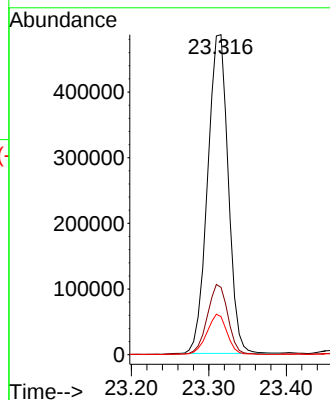
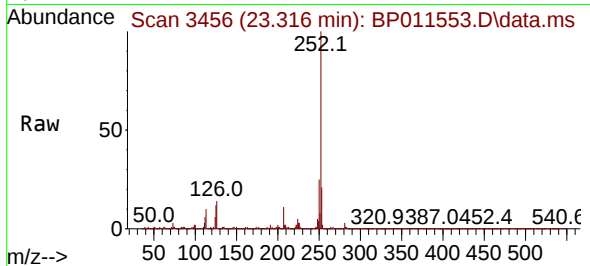




#93
Benzo(a)pyrene
Concen: 36.539 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

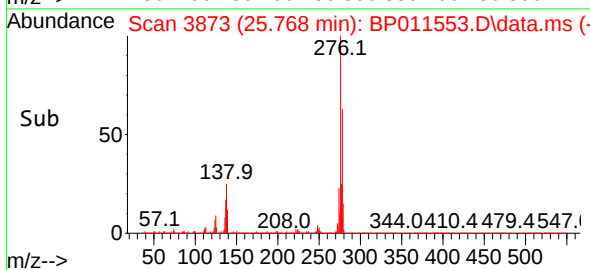
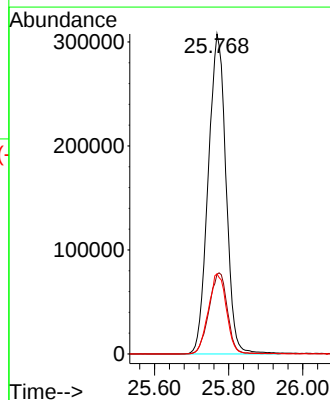
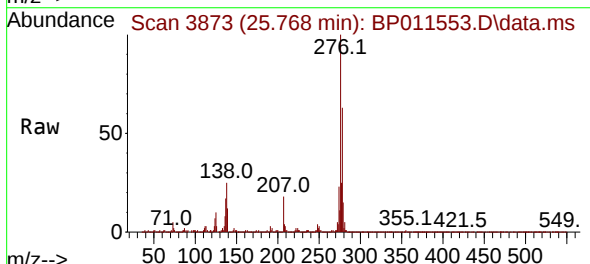
Instrument :
BNA_P
ClientSampleId :

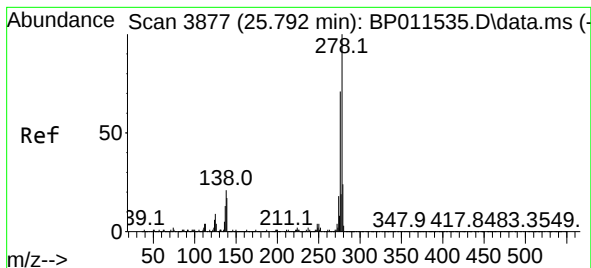
Tgt Ion:252 Resp: 896168
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 11.9 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 37.432 ng/ul
RT: 25.768 min Scan# 3873
Delta R.T. -0.006 min
Lab File: BP011535.D
Acq: 24 Aug 2022 22:30

Tgt Ion:276 Resp: 1023991
Ion Ratio Lower Upper
276 100
138 24.9 20.2 30.4
277 25.1 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 37.460 ng/ul

RT: 25.786 min Scan# 3876

Delta R.T. -0.006 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Instrument :

BNA_P

ClientSampleId :

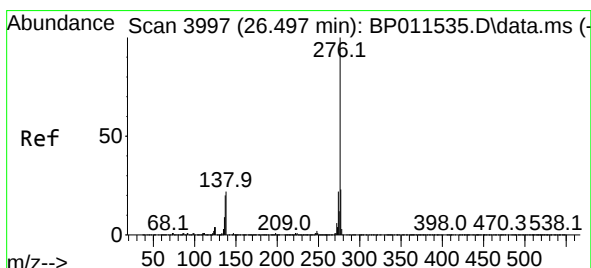
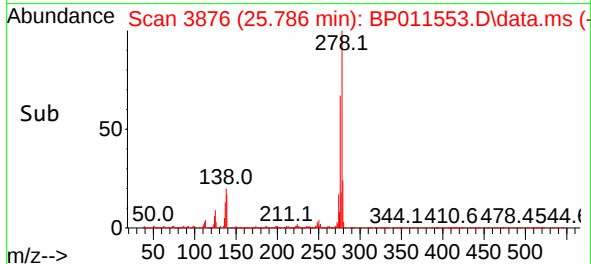
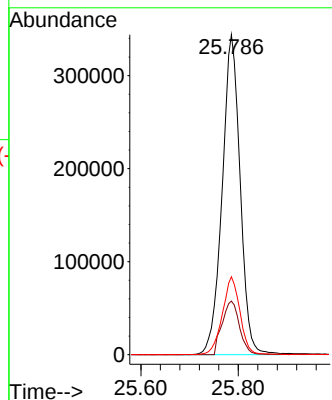
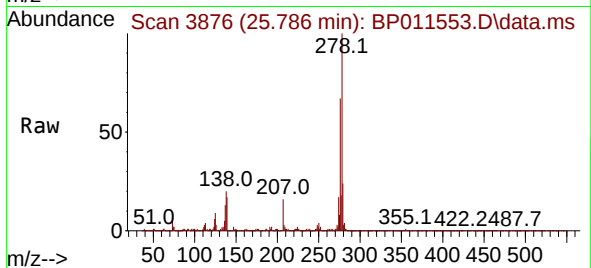
Tgt Ion:278 Resp: 882381

Ion Ratio Lower Upper

278 100

139 16.8 15.4 23.0

279 24.3 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 35.248 ng/ul

RT: 26.492 min Scan# 3996

Delta R.T. 0.006 min

Lab File: BP011535.D

Acq: 24 Aug 2022 22:30

Tgt Ion:276 Resp: 820211

Ion Ratio Lower Upper

276 100

138 23.9 19.4 29.2

277 23.6 19.1 28.7

