

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011554.D
 Acq On : 24 Aug 2022 23:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 25 02:20:53 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	74633	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	330303	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.222	164	196753	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.992	188	391268	20.000	ng/u1	0.00
79) Chrysene-d12	21.122	240	372941	20.000	ng/u1	0.00
88) Perylene-d12	23.410	264	374290	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	19231	7.996	ng/uL	0.00
4) Pyridine-d5	3.475	84	115220	18.712	ng/u1	0.00
7) Phenol-d5	6.734	99	128474	18.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	84259	18.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	100645	19.952	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	103142	18.789	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	49416	20.781	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	50645	20.927	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	92210	20.641	ng/u1	0.00
31) 4-Chloroaniline-d4	10.487	131	143097	19.243	ng/u1	0.00
46) Dimethylphthalate-d6	13.646	166	283955	20.405	ng/u1	0.00
49) Acenaphthylene-d8	13.910	160	321479	20.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	49257	18.371	ng/u1	0.00
60) Fluorene-d10	15.222	176	232375	19.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	40412	19.114	ng/u1	0.00
73) Anthracene-d10	17.092	188	359208	20.729	ng/u1	0.00
81) Pyrene-d10	19.351	212	388004	20.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.263	264	370423	20.345	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	19215	7.662	ng/uL	95
5) Pyridine	3.493	79	116724	18.991	ng/u1	97
6) Benzaldehyde	6.705	77	70563	22.419	ng/u1	96
8) Phenol	6.764	94	130572	18.526	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.993	93	103663	18.855	ng/u1	98
12) 2-Chlorophenol	7.111	128	110226	20.307	ng/u1	97
13) 2-Methylphenol	8.005	108	98205	18.914	ng/u1	99
16) Acetophenone	8.381	105	171796	18.813	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.369	70	89785	19.766	ng/u1	99
18) 4-Methylphenol	8.334	108	107438	18.690	ng/u1	90
19) Hexachloroethane	8.611	117	49612	20.150	ng/u1	99
22) Nitrobenzene	8.752	77	136091	20.304	ng/u1	99
23) Isophorone	9.281	82	243666	20.710	ng/u1	98
25) 2-Nitrophenol	9.458	139	57495	20.822	ng/u1	94
26) 2,4-Dimethylphenol	9.528	107	132847	20.263	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.769	93	141843	19.945	ng/u1	99
29) 2,4-Dichlorophenol	9.993	162	96545	21.118	ng/u1	97
30) Naphthalene	10.381	128	348936	20.008	ng/u1	99
32) 4-Chloroaniline	10.510	127	148355	19.256	ng/u1	98
33) Hexachlorobutadiene	10.663	225	60255	20.703	ng/u1	94
34) Caprolactam	11.310	113	31659	19.098	ng/u1	94
35) 4-Chloro-3-methylphenol	11.652	107	118286	20.464	ng/u1	98
36) 2-Methylnaphthalene	12.010	142	227552	20.055	ng/u1	99
37) 1-Methylnaphthalene	12.234	142	230869	20.061	ng/u1	96

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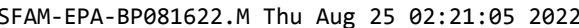
Instrument :
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 ClientSampleId :

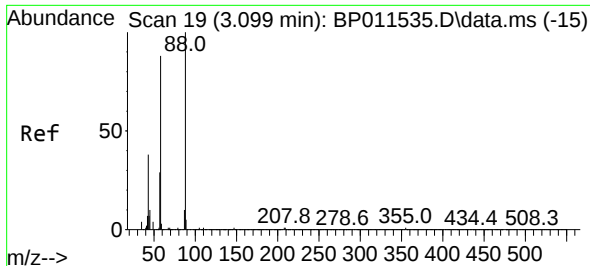
Quant Time: Aug 25 02:20:53 2022
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.387	216	102206	20.466	ng/ul	97
40) Hexachlorocyclopentadiene	12.357	237	53588	17.297	ng/ul	99
41) 2,4,6-Trichlorophenol	12.640	196	69185	21.525	ng/ul	95
42) 2,4,5-Trichlorophenol	12.710	196	74671	20.870	ng/ul	96
43) 1,1'-Biphenyl	13.046	154	297774	20.311	ng/ul	98
44) 2-Chloronaphthalene	13.081	162	224457	20.318	ng/ul	98
45) 2-Nitroaniline	13.310	65	76705	20.343	ng/ul	98
47) Dimethylphthalate	13.693	163	294293	20.461	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	53359	20.635	ng/ul	97
50) Acenaphthylene	13.940	152	372669	20.282	ng/ul	98
51) 3-Nitroaniline	14.146	138	51054	18.126	ng/ul	96
52) Acenaphthene	14.287	153	249003	20.232	ng/ul	99
53) 2,4-Dinitrophenol	14.363	184	27033	17.080	ng/ul	95
55) 4-Nitrophenol	14.469	109	61546	19.266	ng/ul	95
56) Dibenzofuran	14.622	168	340031	20.035	ng/ul	99
57) 2,4-Dinitrotoluene	14.610	165	81585	21.075	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.857	232	59802	21.289	ng/ul	99
59) Diethylphthalate	15.075	149	319889	20.306	ng/ul	99
61) Fluorene	15.281	166	280203	20.181	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.281	204	126390	20.151	ng/ul	98
63) 4-Nitroaniline	15.322	138	47995	17.641	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.381	198	42722	19.535	ng/ul	98
67) N-Nitrosodiphenylamine	15.504	169	237106	20.655	ng/ul	98
68) 4-Bromophenyl-phenylether	16.187	248	73515	21.048	ng/ul	98
69) Hexachlorobenzene	16.287	284	83229	20.676	ng/ul	97
70) Atrazine	16.475	200	85507	19.960	ng/ul	98
71) Pentachlorophenol	16.639	266	48849	19.572	ng/ul	96
72) Phenanthrene	17.034	178	429654	20.288	ng/ul	99
74) Anthracene	17.128	178	435278	20.373	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.004	216	106248	21.124	ng/uL	100
76) Pentachlorobenzene	14.540	250	101910	21.354	ng/uL	98
77) Carbazole	17.410	167	398425	19.825	ng/ul	99
78) Di-n-butylphthalate	17.981	149	533151	21.543	ng/ul	100
80) Fluoranthene	19.028	202	477297	20.569	ng/ul	99
82) Pyrene	19.381	202	493643	20.246	ng/ul	99
83) Butylbenzylphthalate	20.280	149	235516	21.533	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.051	252	142230	20.146	ng/ul	98
85) Benzo(a)anthracene	21.104	228	466248	20.520	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.051	149	352975	21.808	ng/ul	99
87) Chrysene	21.157	228	457172	20.482	ng/ul	99
89) Di-n-octyl phthalate	21.939	149	592082	19.679	ng/ul	100
90) Benzo(b)fluoranthene	22.716	252	479118	20.578	ng/ul	99
91) Benzo(k)fluoranthene	22.763	252	441438	19.868	ng/ul	97
93) Benzo(a)pyrene	23.304	252	456165	20.068	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.757	276	504391	19.894	ng/ul	97
95) Dibenzo(a,h)anthracene	25.780	278	432867	19.828	ng/ul	97
96) Benzo(g,h,i)perylene	26.486	276	413214	19.160	ng/ul	98

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

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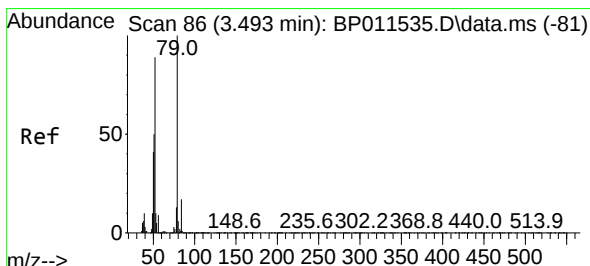
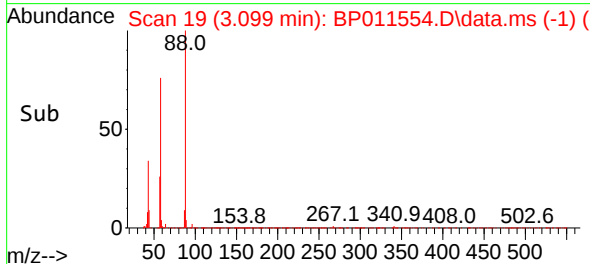
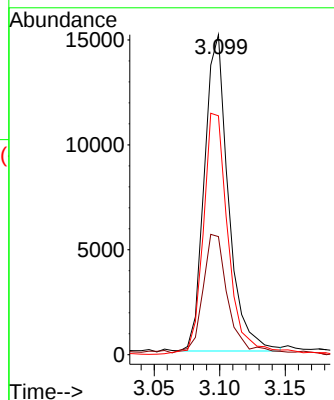
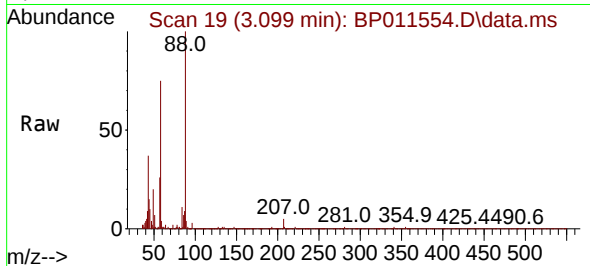




#2
1,4-Dioxane
Concen: 7.662 ng/uL
RT: 3.099 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

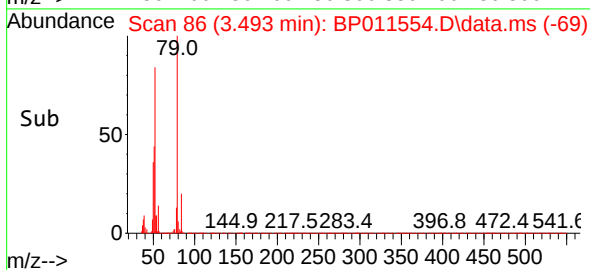
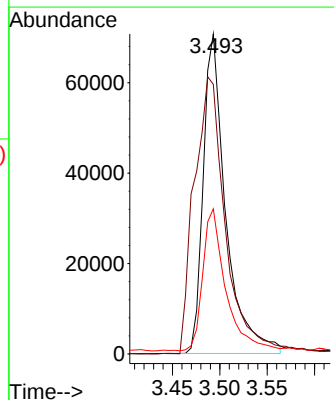
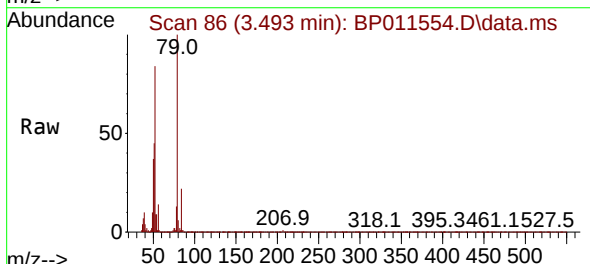
Instrument :
BNA_P
ClientSampleId :

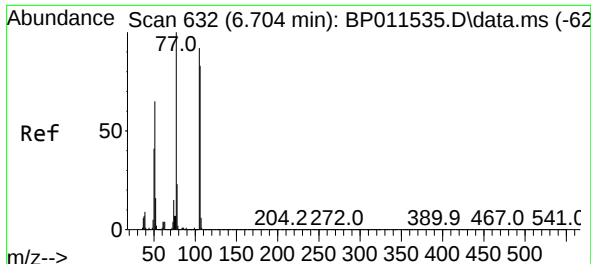
Tgt Ion: 88 Resp: 19215
Ion Ratio Lower Upper
88 100
43 36.9 29.0 43.4
58 74.6 64.7 97.1



#5
Pyridine
Concen: 18.991 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

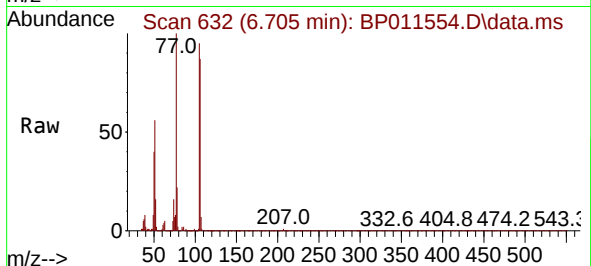
Tgt Ion: 79 Resp: 116724
Ion Ratio Lower Upper
79 100
52 84.2 70.2 105.2
51 45.3 36.1 54.1



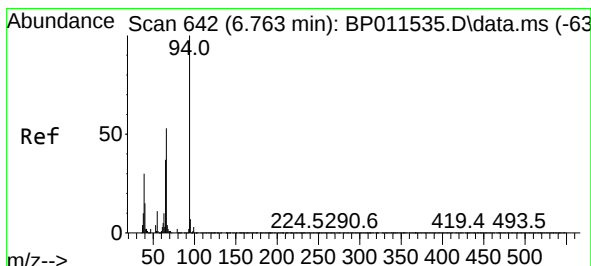
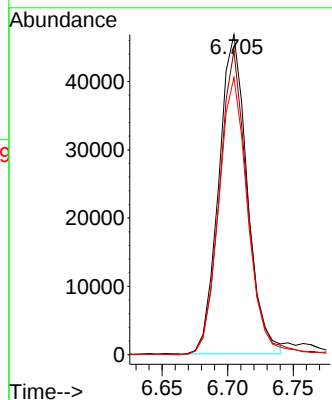
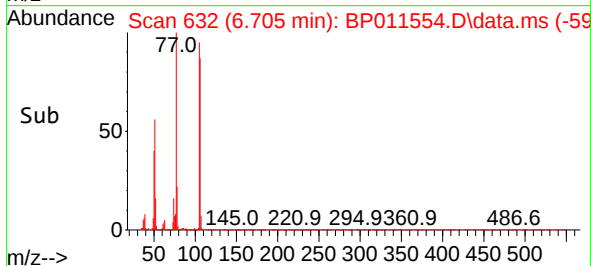


#6
Benzaldehyde
Concen: 22.419 ng/ul
RT: 6.705 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Instrument :
BNA_P
ClientSampleId :

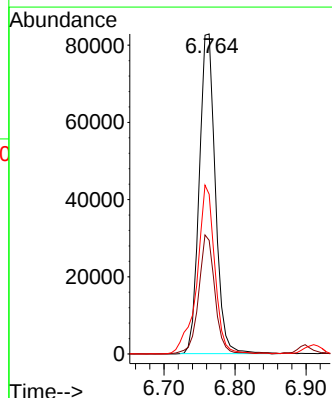
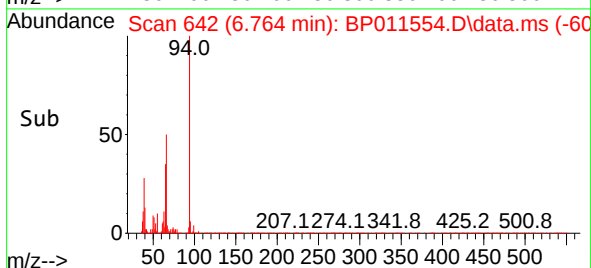
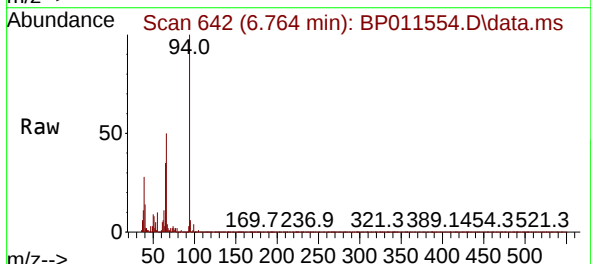


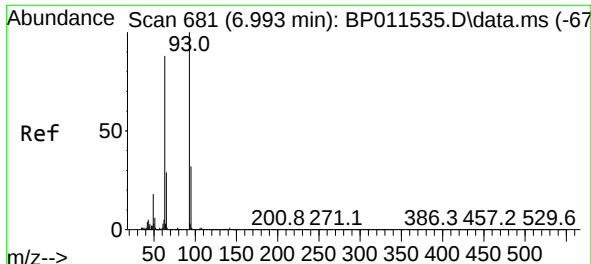
Tgt Ion: 77 Resp: 70563
Ion Ratio Lower Upper
77 100
105 95.0 72.0 108.0
106 86.7 67.4 101.0



#8
Phenol
Concen: 18.526 ng/ul
RT: 6.764 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion: 94 Resp: 130572
Ion Ratio Lower Upper
94 100
65 35.5 28.9 43.3
66 49.9 39.4 59.0

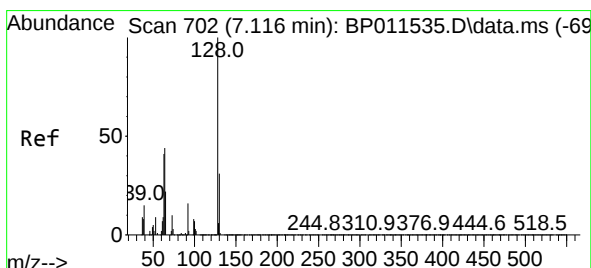
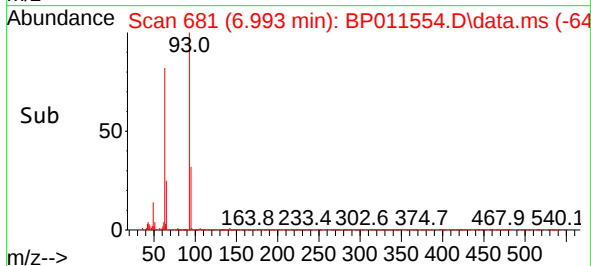
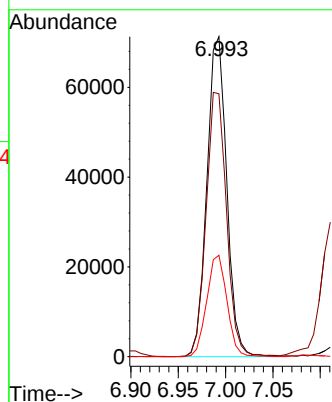
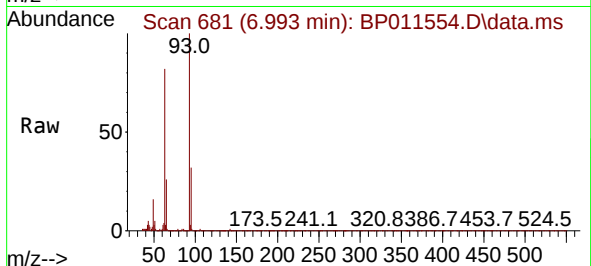




#10
Bis(2-Chloroethyl)ether
Concen: 18.855 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

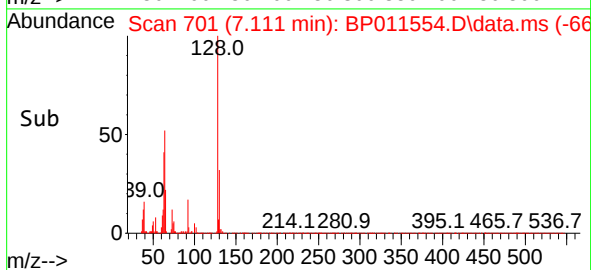
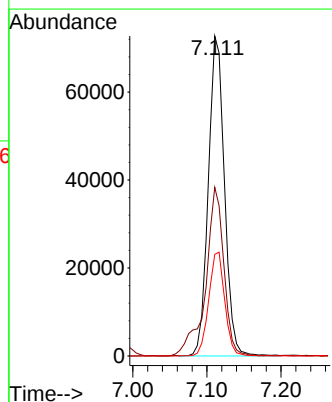
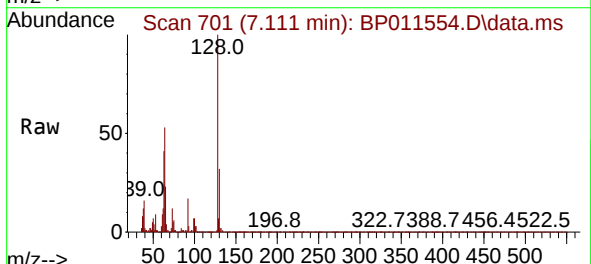
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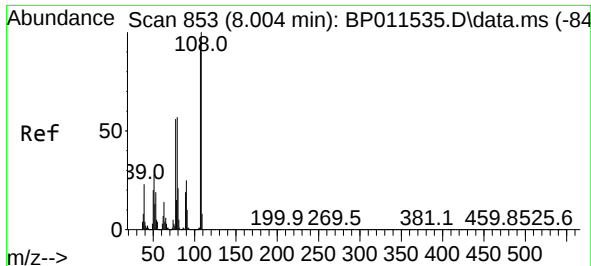
Tgt Ion: 93 Resp: 103663
Ion Ratio Lower Upper
93 100
63 82.2 67.8 101.6
95 31.7 25.0 37.6



#12
2-Chlorophenol
Concen: 20.307 ng/ul
RT: 7.111 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:128 Resp: 110226
Ion Ratio Lower Upper
128 100
64 52.7 40.2 60.2
130 31.8 24.6 37.0





#13

2-Methylphenol

Concen: 18.914 ng/ul

RT: 8.005 min Scan# 853

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

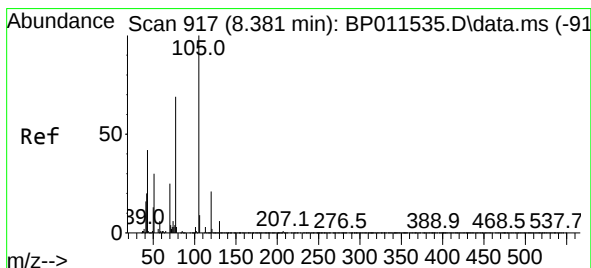
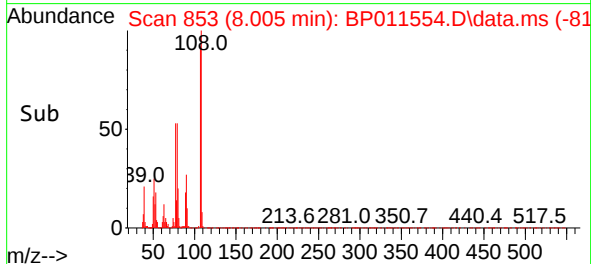
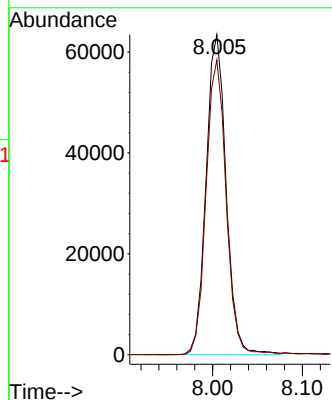
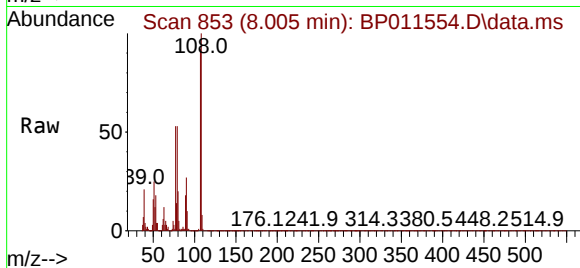
ClientSampleId :

Tgt Ion:108 Resp: 98205

Ion Ratio Lower Upper

108 100

107 92.1 73.2 109.8



#16

Acetophenone

Concen: 18.813 ng/ul

RT: 8.381 min Scan# 917

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

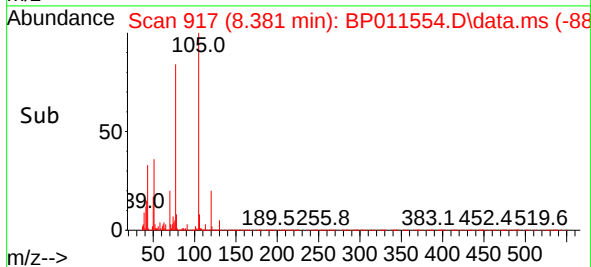
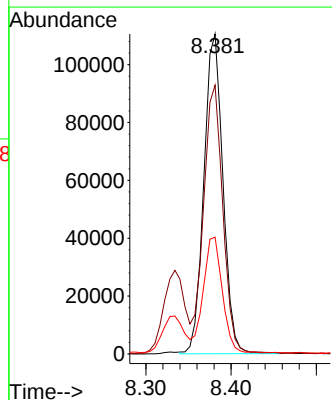
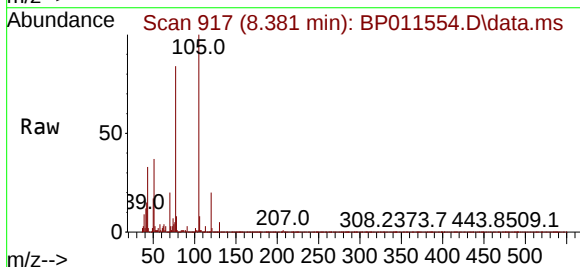
Tgt Ion:105 Resp: 171796

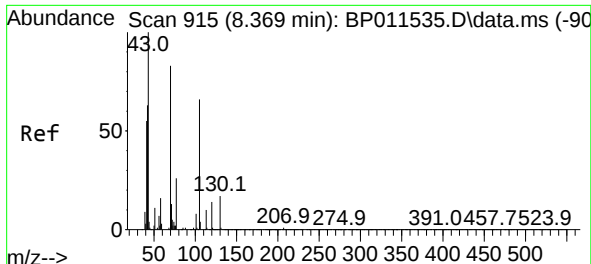
Ion Ratio Lower Upper

105 100

77 84.0 66.4 99.6

51 36.5 28.2 42.4

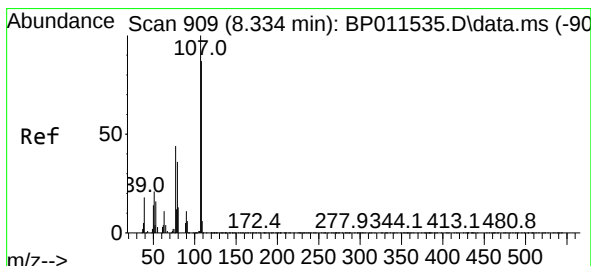
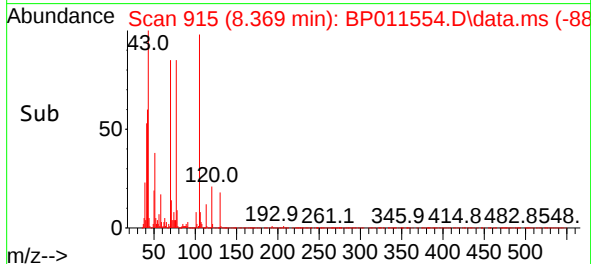
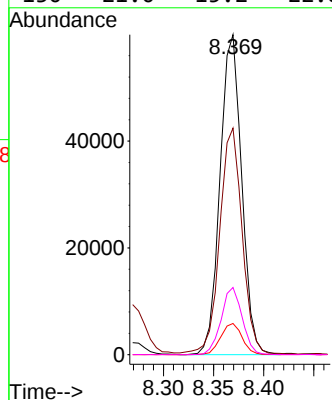
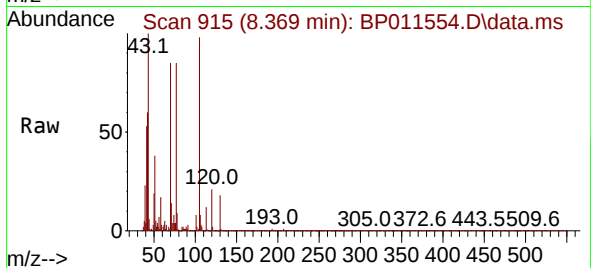




#17
N-Nitroso-di-n-propylamine
Concen: 19.766 ng/ul
RT: 8.369 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

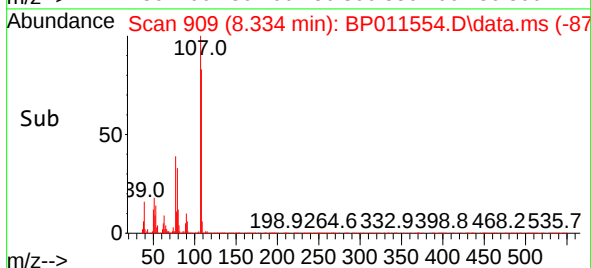
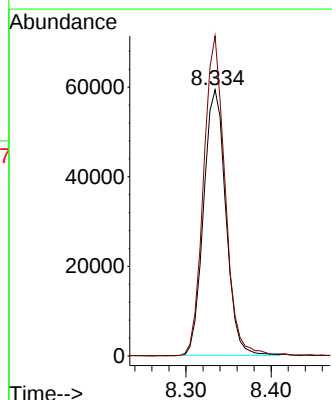
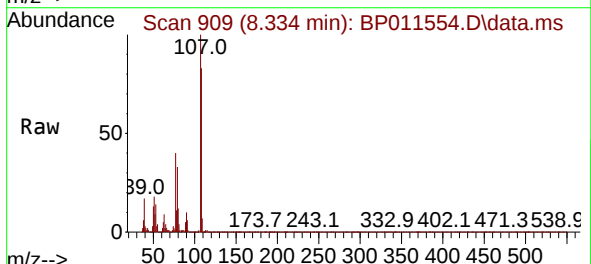
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BNA_P
ClientSampleId :

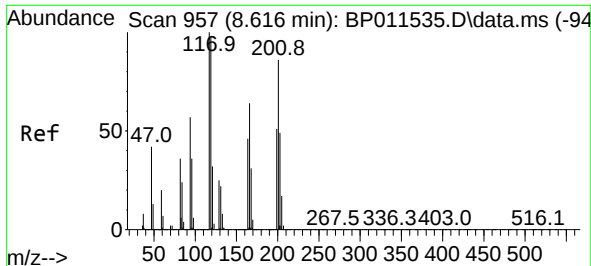
Tgt Ion: 70 Resp: 89785
Ion Ratio Lower Upper
70 100
42 70.8 57.0 85.4
101 9.8 7.6 11.4
130 21.0 15.2 22.8



#18
4-Methylphenol
Concen: 18.690 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion: 108 Resp: 107438
Ion Ratio Lower Upper
108 100
107 120.2 87.7 131.5





#19

Hexachloroethane

Concen: 20.150 ng/ul

RT: 8.611 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

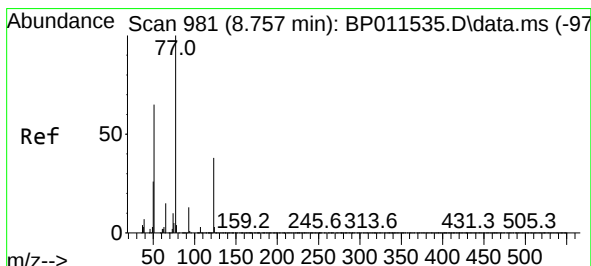
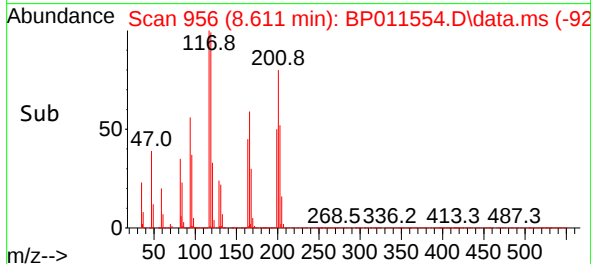
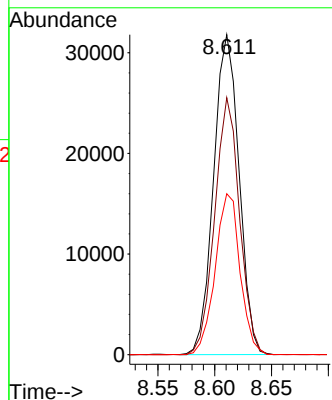
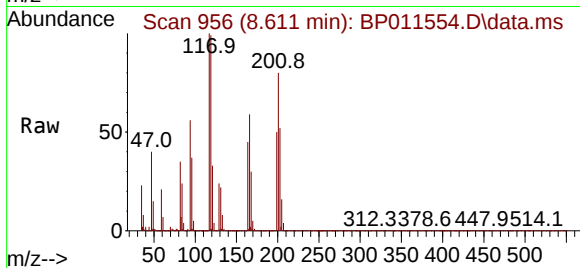
Tgt Ion:117 Resp: 49612

Ion Ratio Lower Upper

117 100

201 80.3 64.2 96.4

199 50.3 41.0 61.6



#22

Nitrobenzene

Concen: 20.304 ng/ul

RT: 8.752 min Scan# 980

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

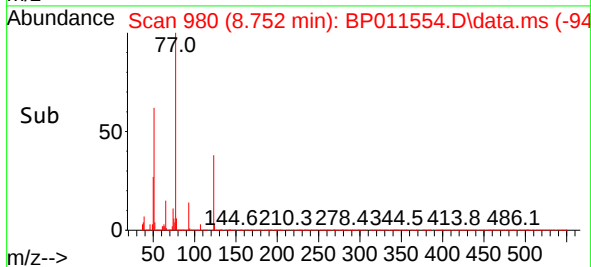
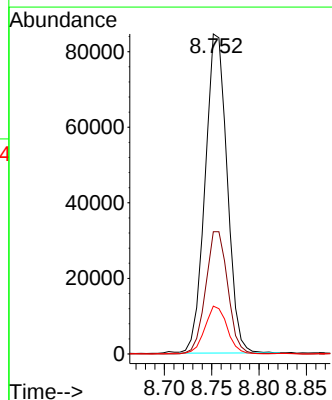
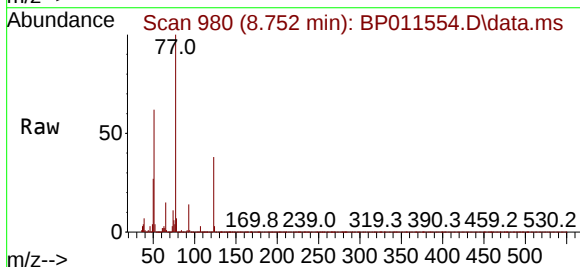
Tgt Ion: 77 Resp: 136091

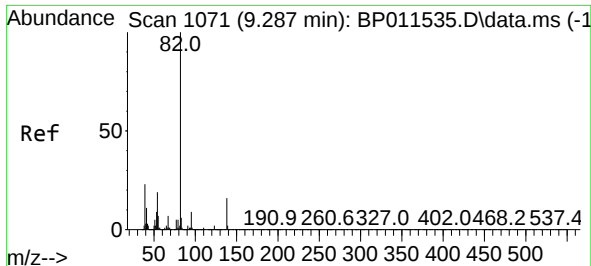
Ion Ratio Lower Upper

77 100

123 38.2 30.4 45.6

65 14.9 11.5 17.3

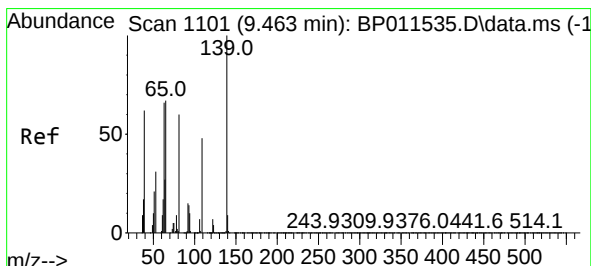
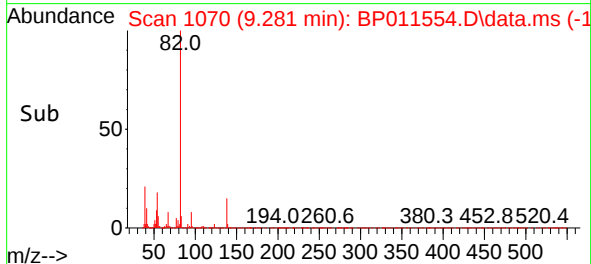
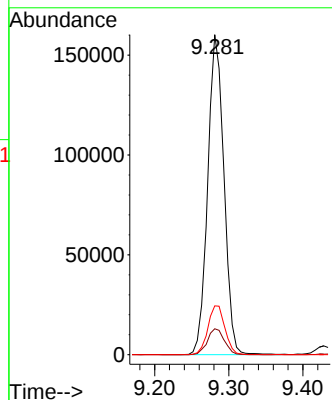
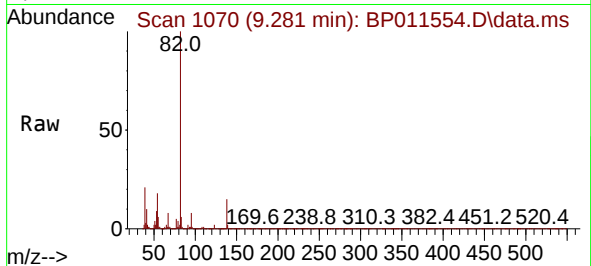




#23
Isophorone
Concen: 20.710 ng/ul
RT: 9.281 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

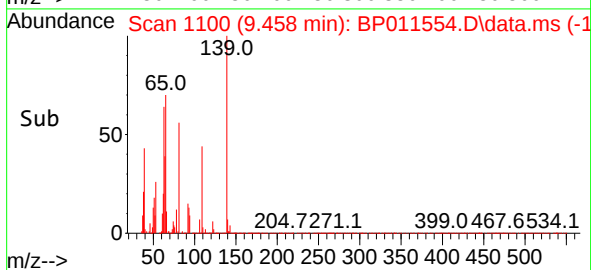
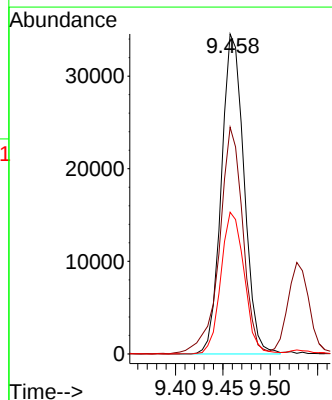
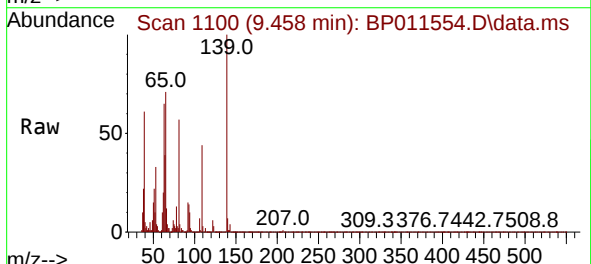
Instrument :
BNA_P
ClientSampleId :

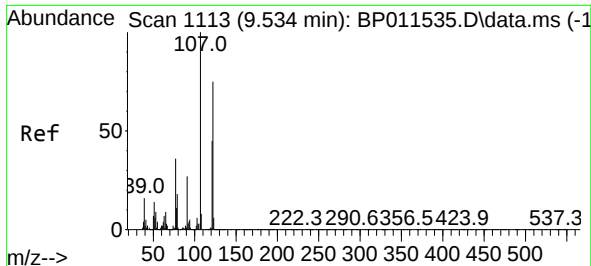
Tgt Ion: 82 Resp: 243666
Ion Ratio Lower Upper
82 100
95 8.1 7.1 10.7
138 15.3 12.6 19.0



#25
2-Nitrophenol
Concen: 20.822 ng/ul
RT: 9.458 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

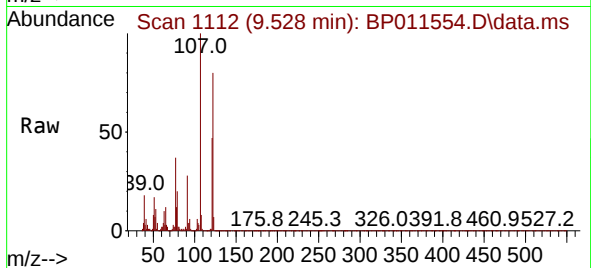
Tgt Ion: 139 Resp: 57495
Ion Ratio Lower Upper
139 100
65 70.9 50.4 75.6
109 44.3 35.5 53.3



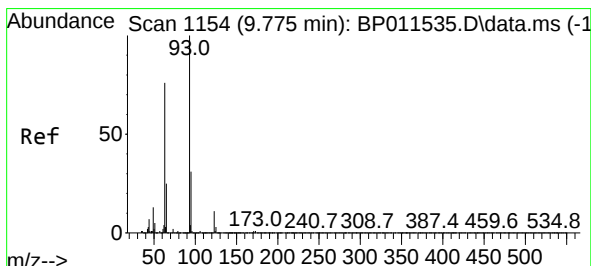
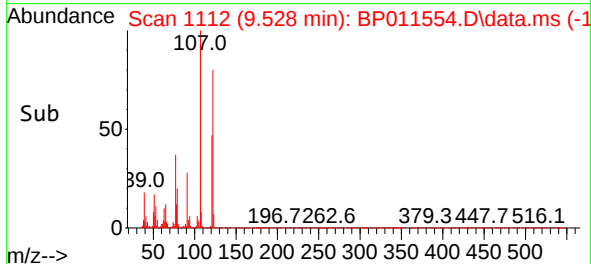
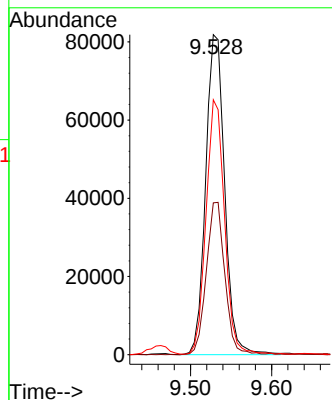


#26
2,4-Dimethylphenol
Concen: 20.263 ng/ul
RT: 9.528 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Instrument :
BNA_P
ClientSampleId :

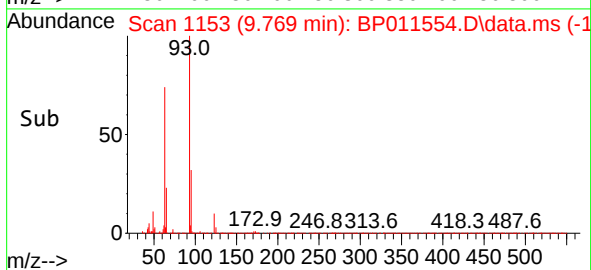
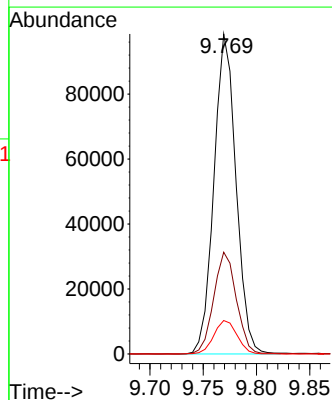
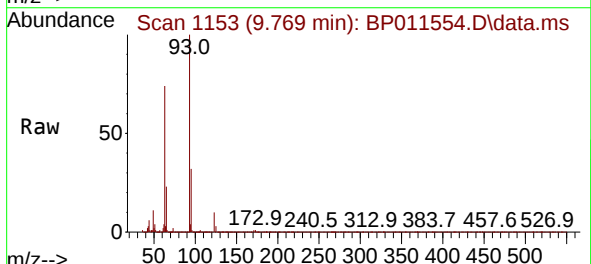


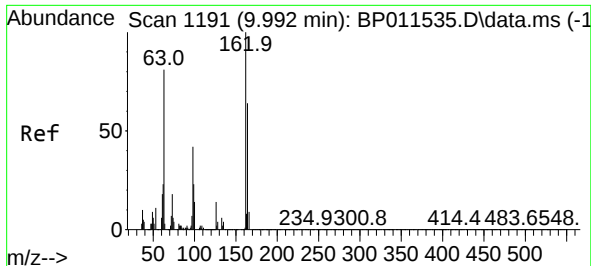
Tgt Ion:107 Resp: 132847
Ion Ratio Lower Upper
107 100
121 47.5 36.6 55.0
122 79.7 58.7 88.1



#27
Bis(2-Chloroethoxy)methane
Concen: 19.945 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion: 93 Resp: 141843
Ion Ratio Lower Upper
93 100
95 31.8 24.8 37.2
123 10.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 21.118 ng/ul

RT: 9.993 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP011554.D

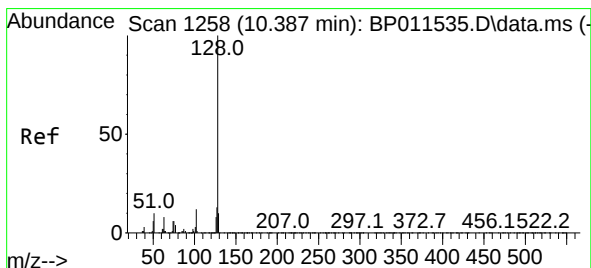
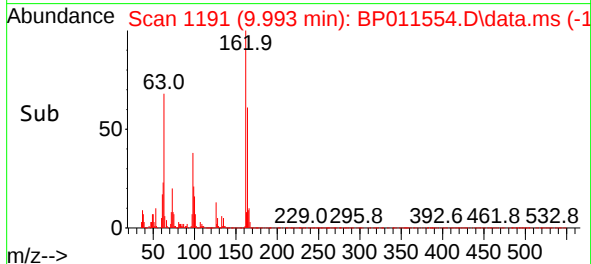
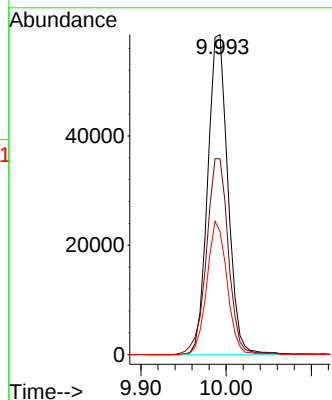
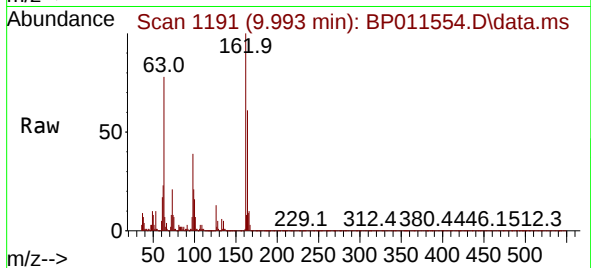
Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:162	Resp:	96545
Ion Ratio	Lower	Upper
162	100	
164	61.2	50.2 75.2
98	38.5	32.9 49.3



#30

Naphthalene

Concen: 20.008 ng/ul

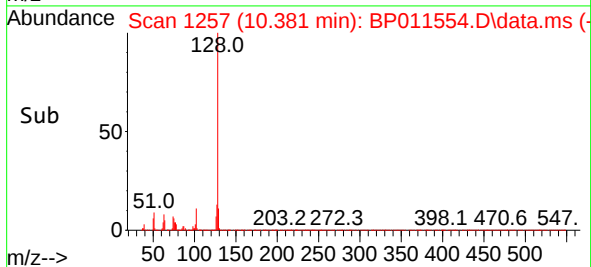
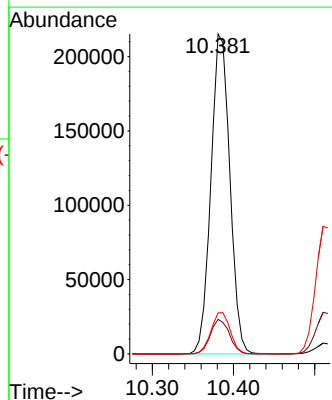
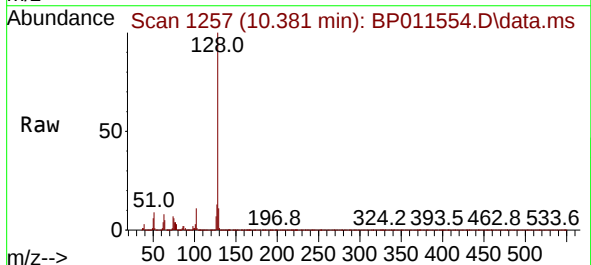
RT: 10.381 min Scan# 1257

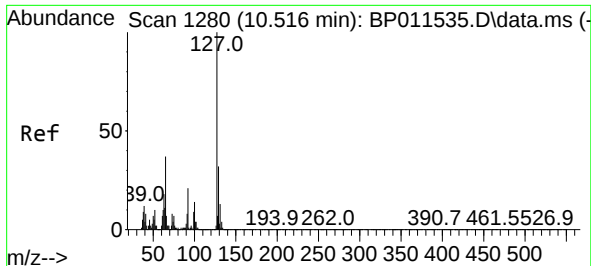
Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Tgt Ion:128	Resp:	348936
Ion Ratio	Lower	Upper
128	100	
129	10.8	9.0 13.6
127	12.9	10.3 15.5

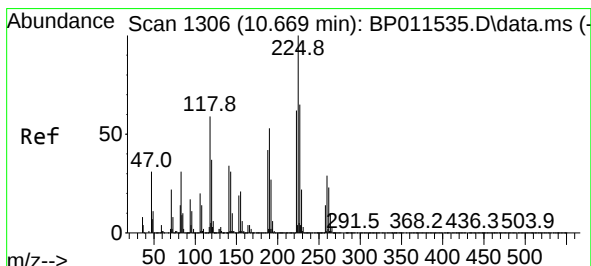
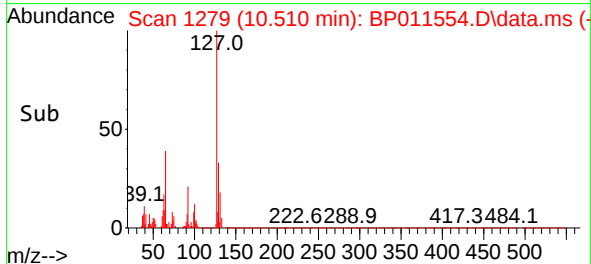
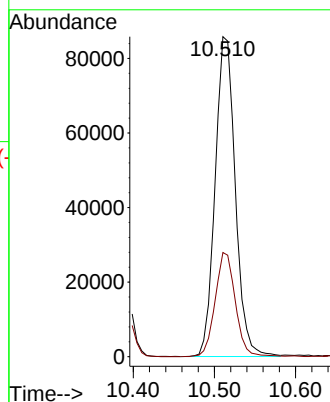
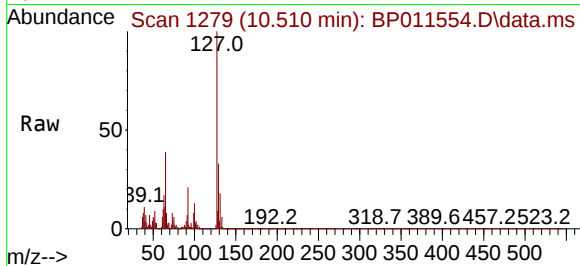




#32
4-Chloroaniline
Concen: 19.256 ng/ul
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

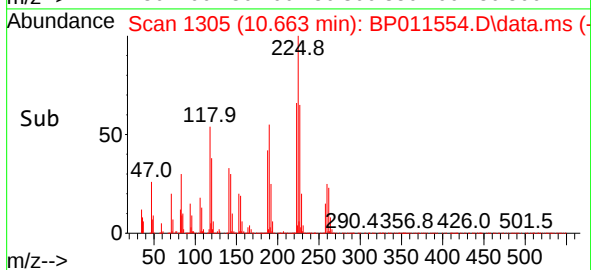
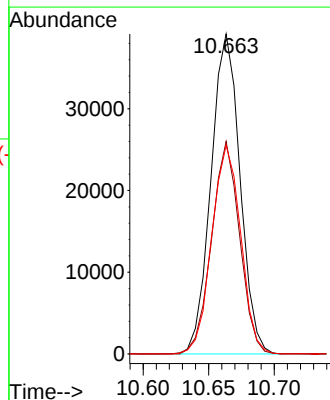
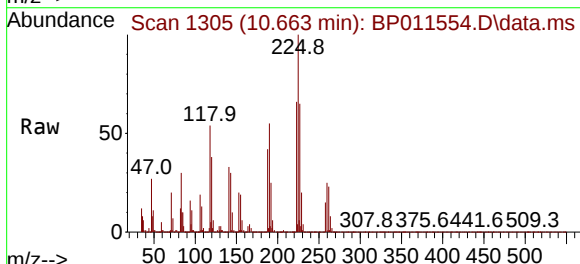
Instrument :
BNA_P
ClientSampleId :

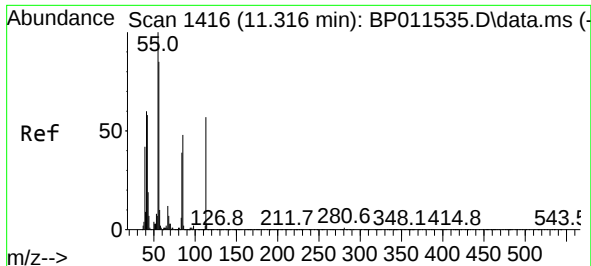
Tgt Ion:127 Resp: 148355
Ion Ratio Lower Upper
127 100
129 32.6 25.1 37.7



#33
Hexachlorobutadiene
Concen: 20.703 ng/ul
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:225 Resp: 60255
Ion Ratio Lower Upper
225 100
223 66.4 47.8 71.8
227 65.2 50.0 75.0

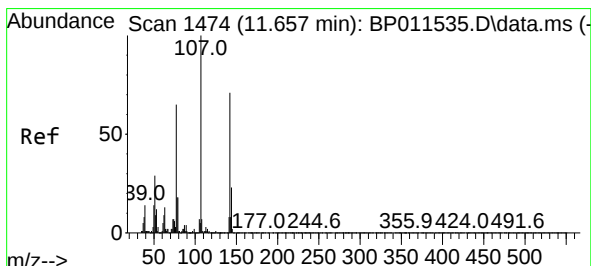
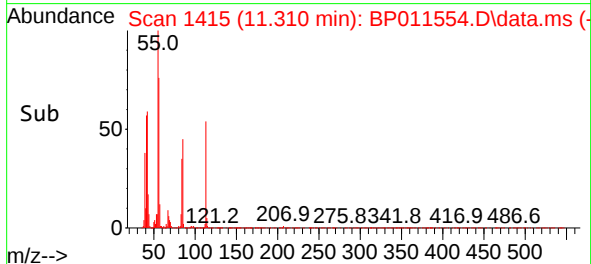
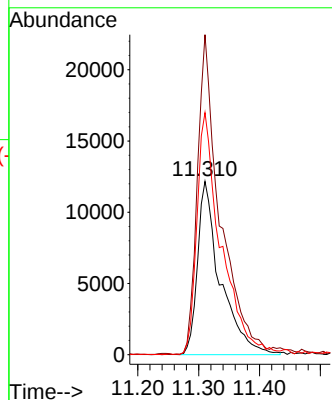
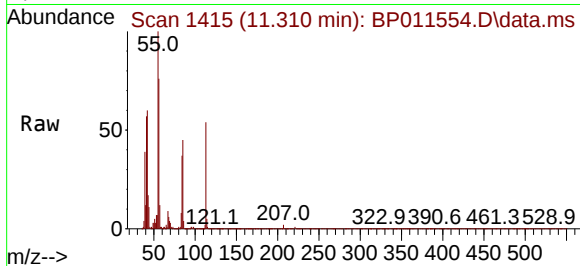




#34
Caprolactam
Concen: 19.098 ng/ul
RT: 11.310 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

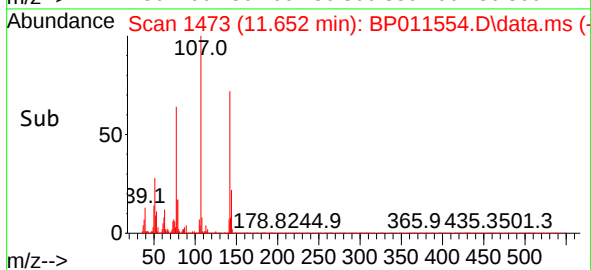
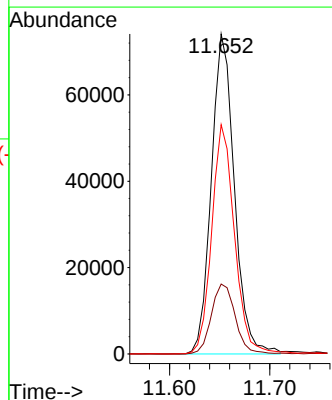
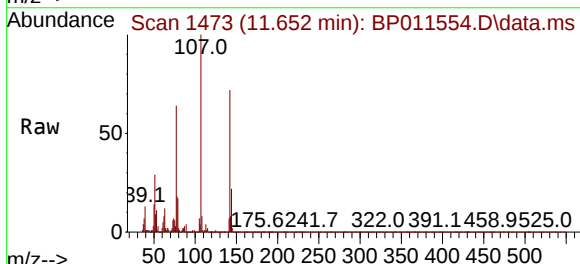
Instrument :
BNA_P
ClientSampleId :

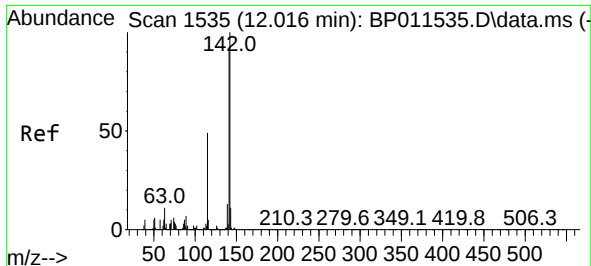
Tgt Ion:113 Resp: 31659
Ion Ratio Lower Upper
113 100
55 184.6 153.4 230.2
56 139.7 119.6 179.4



#35
4-Chloro-3-methylphenol
Concen: 20.464 ng/ul
RT: 11.652 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:107 Resp: 118286
Ion Ratio Lower Upper
107 100
144 21.8 18.3 27.5
142 71.6 55.8 83.8

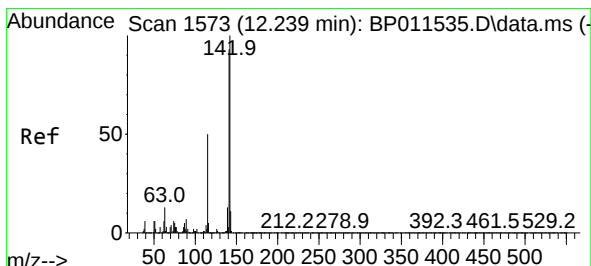
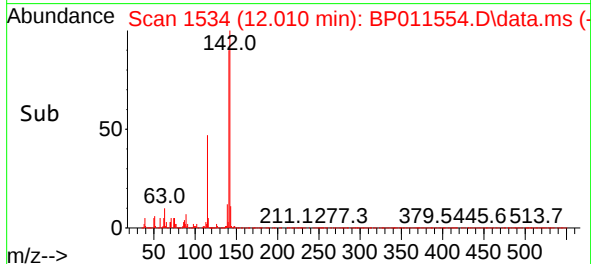
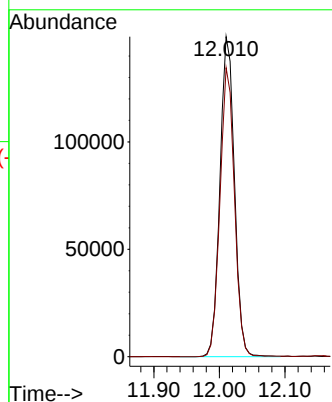
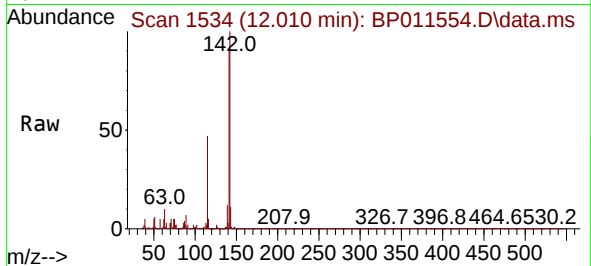




#36
2-Methylnaphthalene
Concen: 20.055 ng/ul
RT: 12.010 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

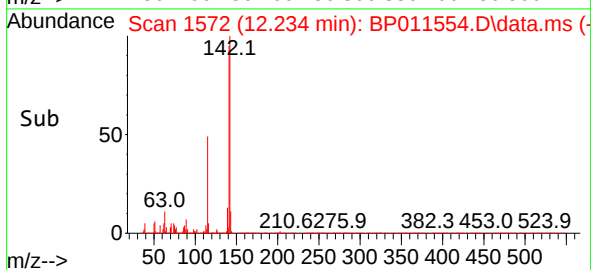
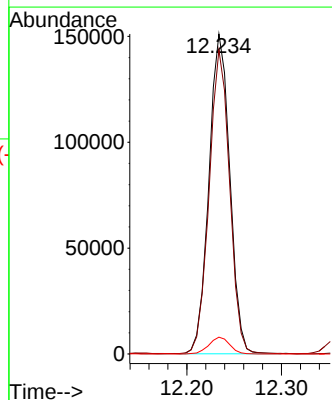
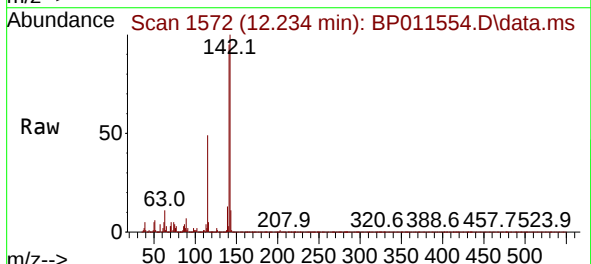
Instrument :
BNA_P
ClientSampleId :

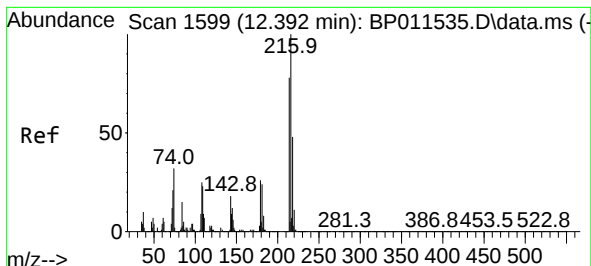
Tgt Ion:142 Resp: 227552
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.0



#37
1-Methylnaphthalene
Concen: 20.061 ng/ul
RT: 12.234 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:142 Resp: 230869
Ion Ratio Lower Upper
142 100
141 95.0 73.0 109.6
116 5.3 4.0 6.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.466 ng/ul

RT: 12.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:216 Resp: 102206

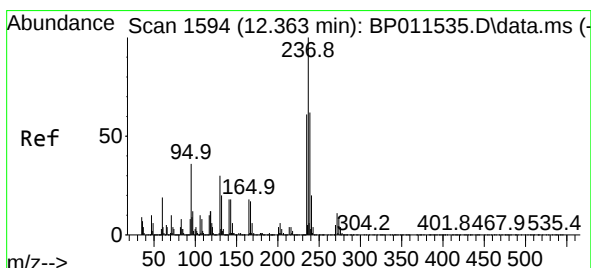
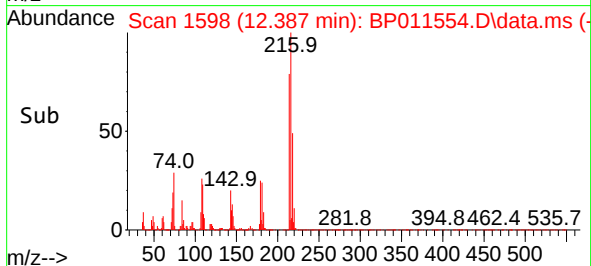
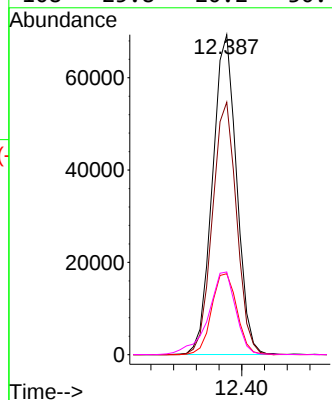
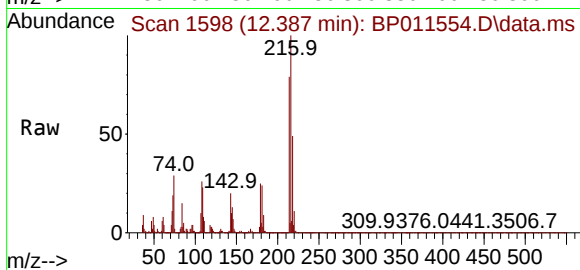
Ion Ratio Lower Upper

216 100

214 78.9 60.4 90.6

179 25.3 20.0 30.0

108 25.8 20.2 30.4



#40

Hexachlorocyclopentadiene

Concen: 17.297 ng/ul

RT: 12.357 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

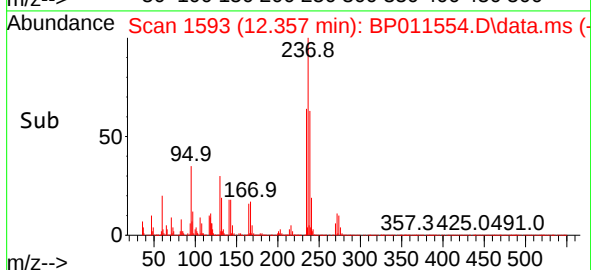
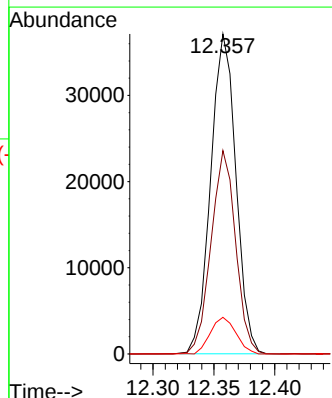
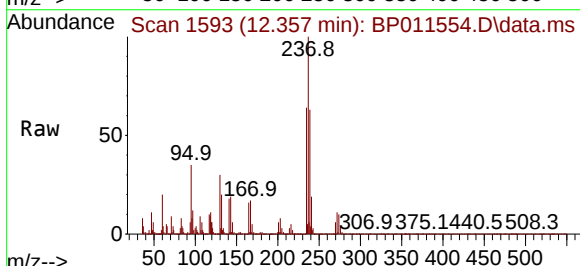
Tgt Ion:237 Resp: 53588

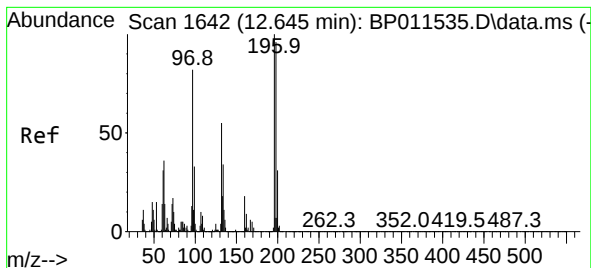
Ion Ratio Lower Upper

237 100

235 63.6 50.9 76.3

272 12.3 11.0 16.4





#41

2,4,6-Trichlorophenol

Concen: 21.525 ng/ul

RT: 12.640 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BP011554.D

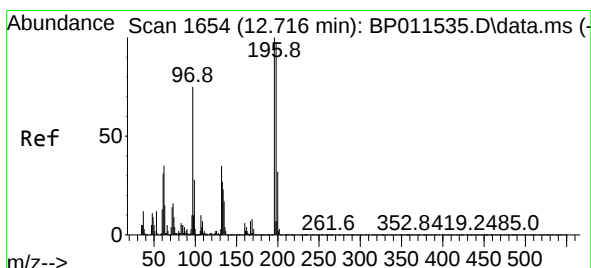
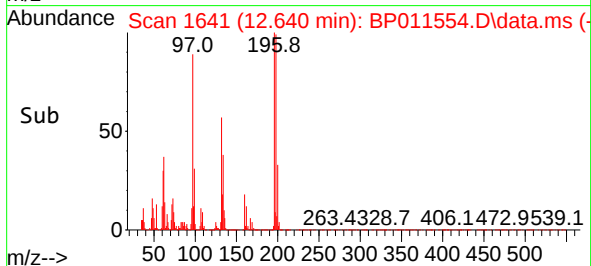
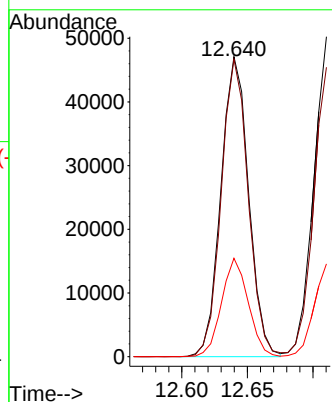
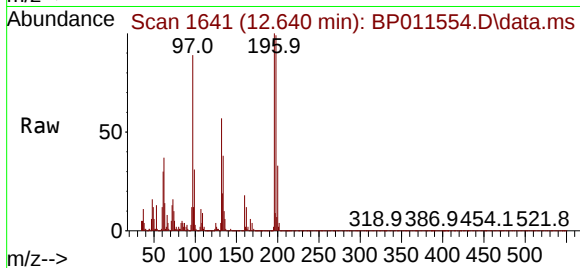
Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:196	Resp:	69185
Ion Ratio	Lower	Upper
196	100	
198	99.1	75.6 113.4
200	32.8	23.1 34.7



#42

2,4,5-Trichlorophenol

Concen: 20.870 ng/ul

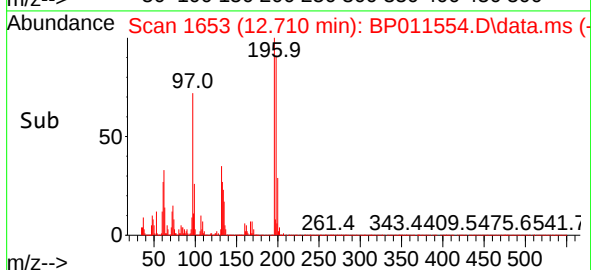
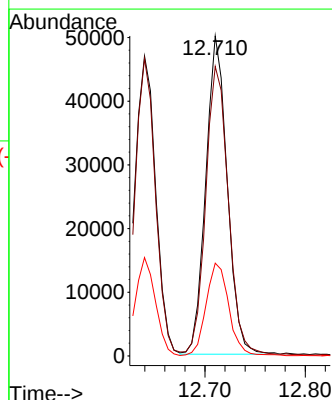
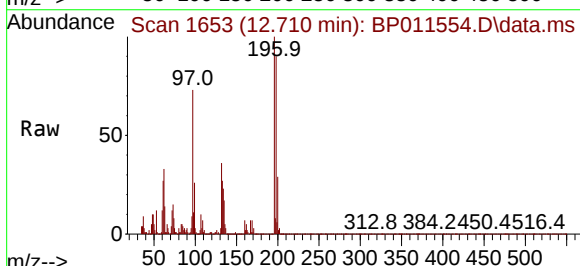
RT: 12.710 min Scan# 1653

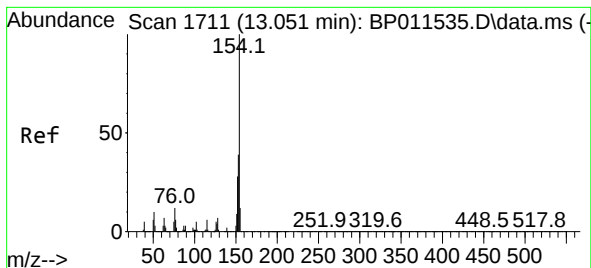
Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Tgt Ion:196	Resp:	74671
Ion Ratio	Lower	Upper
196	100	
198	90.4	75.6 113.4
200	29.0	23.8 35.6





#43

1,1'-Biphenyl

Concen: 20.311 ng/ul

RT: 13.046 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

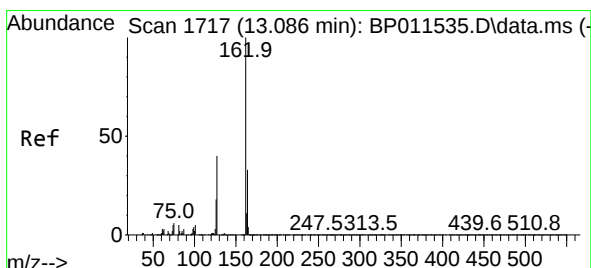
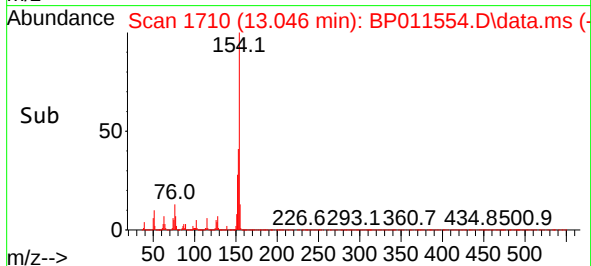
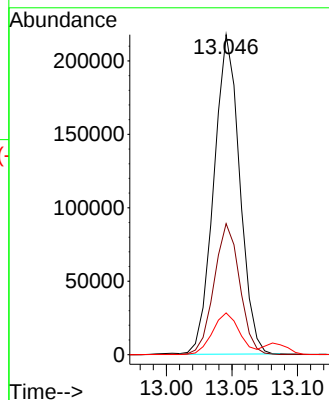
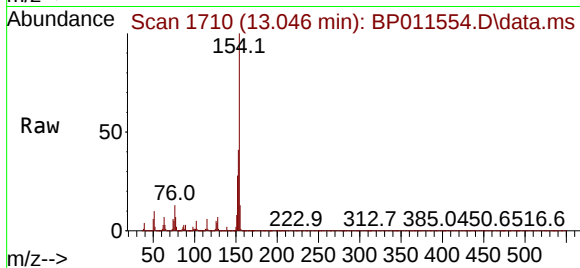
Tgt Ion:154 Resp: 297774

Ion Ratio Lower Upper

154 100

153 41.0 32.2 48.4

76 13.0 11.6 17.4



#44

2-Chloronaphthalene

Concen: 20.318 ng/ul

RT: 13.081 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

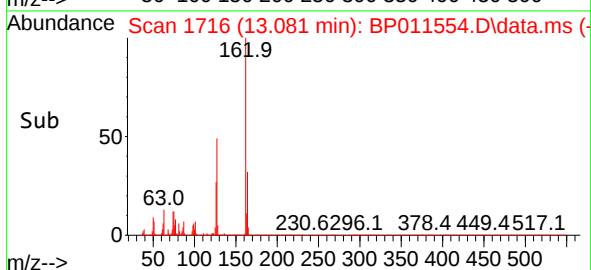
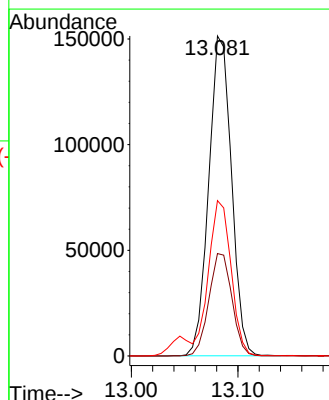
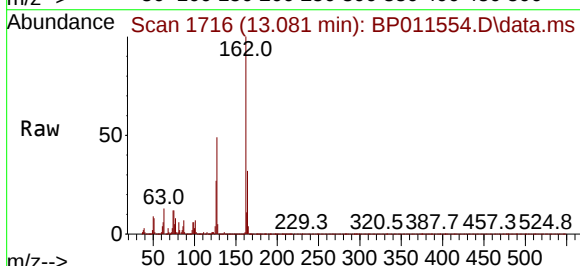
Tgt Ion:162 Resp: 224457

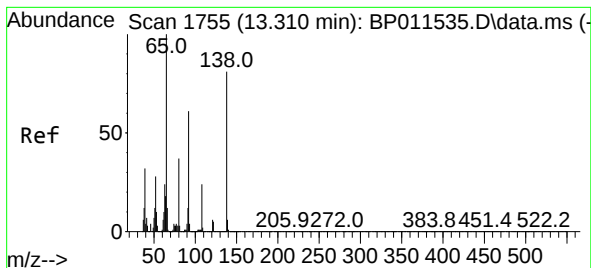
Ion Ratio Lower Upper

162 100

164 32.0 26.4 39.6

127 48.6 37.4 56.2

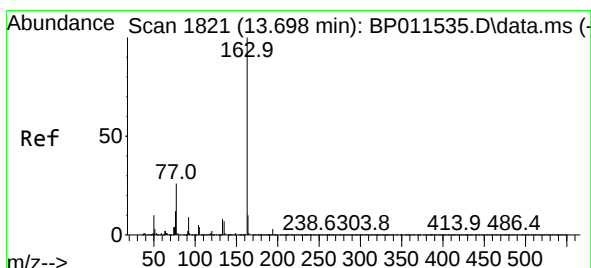
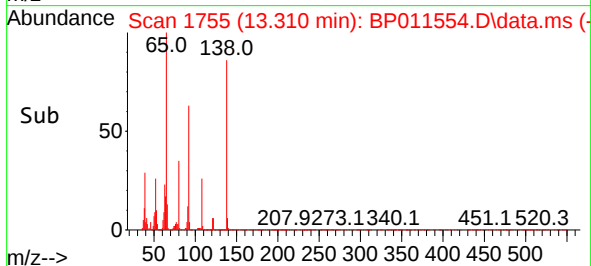
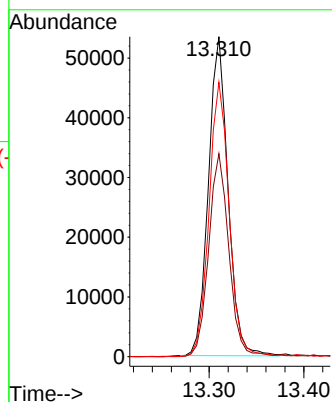
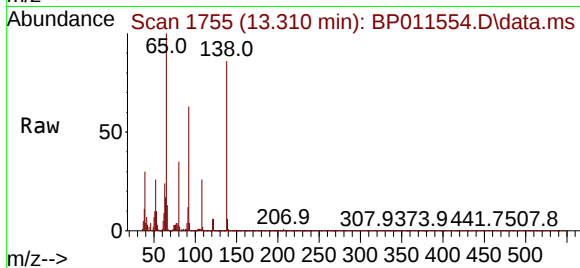




#45
2-Nitroaniline
Concen: 20.343 ng/ul
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

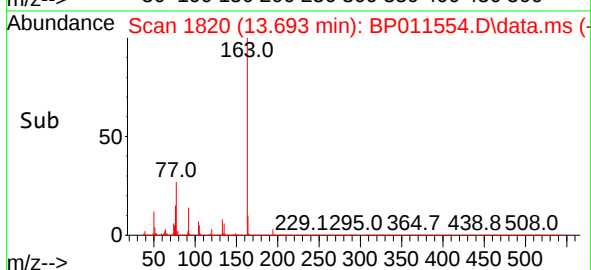
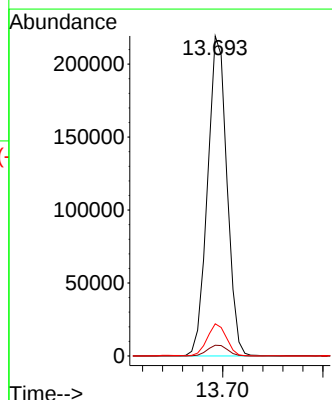
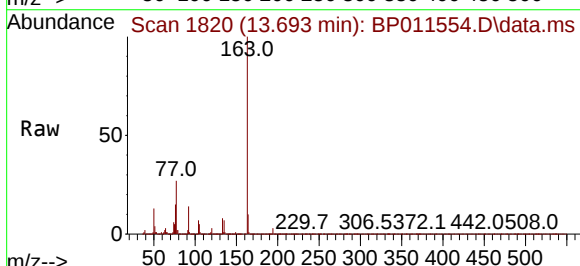
Instrument :
BNA_P
ClientSampleId :

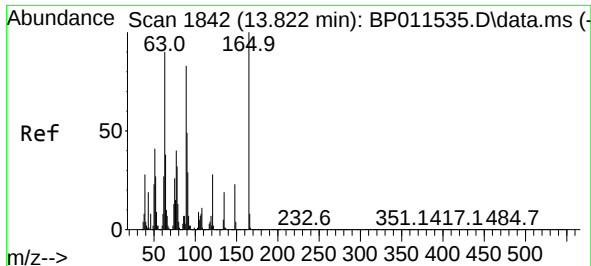
Tgt Ion: 65 Resp: 76705
Ion Ratio Lower Upper
65 100
92 63.4 50.8 76.2
138 85.8 66.7 100.1



#47
Dimethylphthalate
Concen: 20.461 ng/ul
RT: 13.693 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

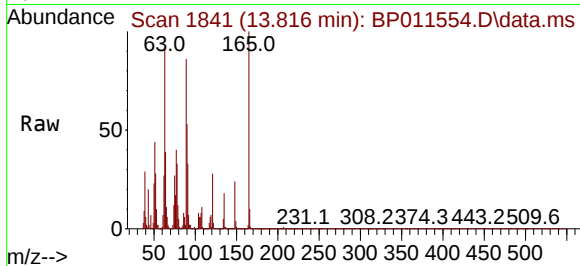
Tgt Ion: 163 Resp: 294293
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.0 8.3 12.5



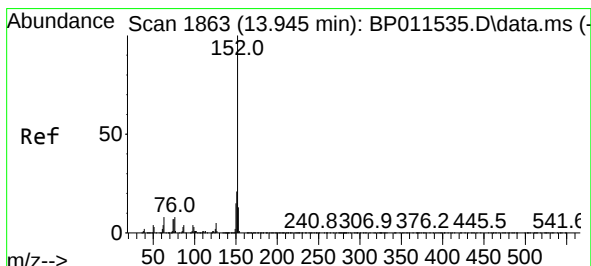
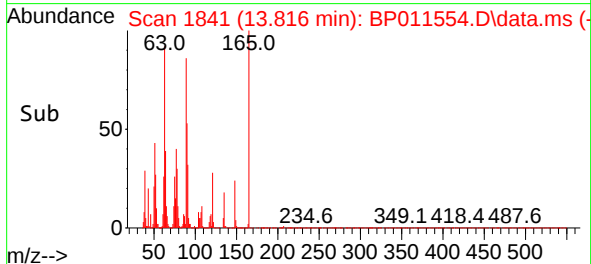
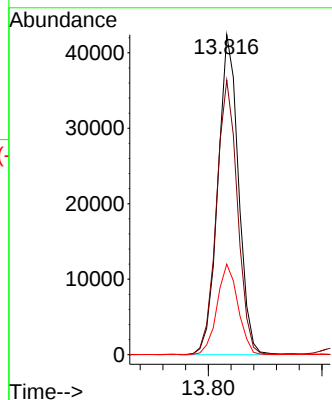


#48
2,6-Dinitrotoluene
Concen: 20.635 ng/ul
RT: 13.816 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Instrument :
BNA_P
ClientSampleId :

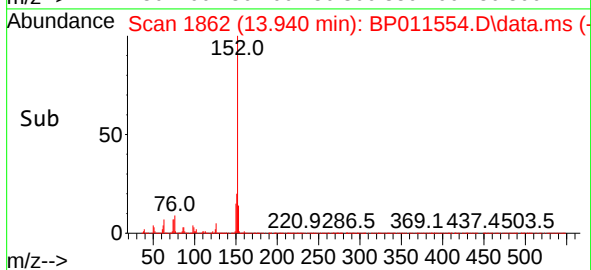
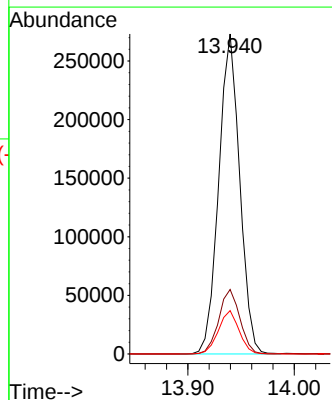
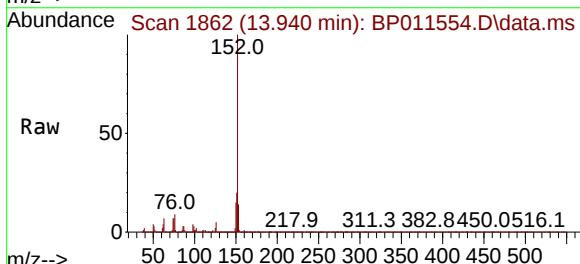


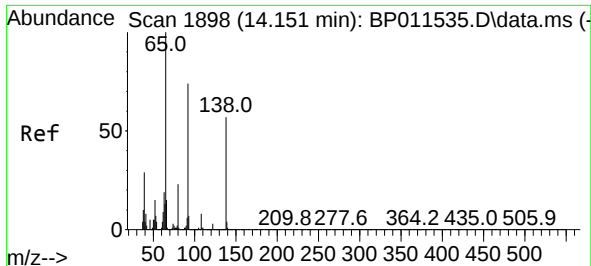
Tgt Ion:165 Resp: 53359
Ion Ratio Lower Upper
165 100
89 85.9 66.6 99.8
121 28.3 21.0 31.6



#50
Acenaphthylene
Concen: 20.282 ng/ul
RT: 13.940 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:152 Resp: 372669
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.5 10.6 15.8

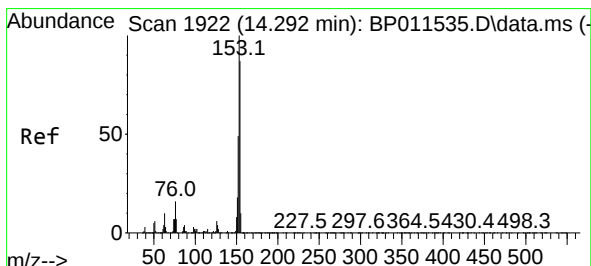
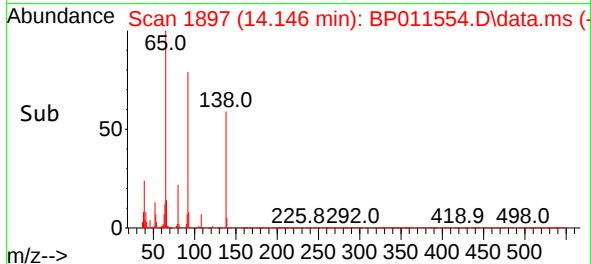
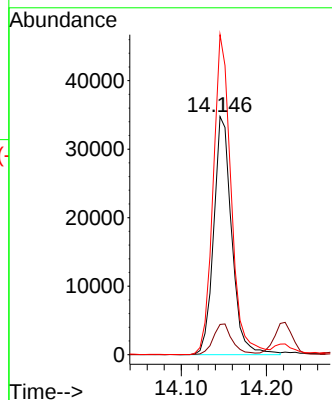
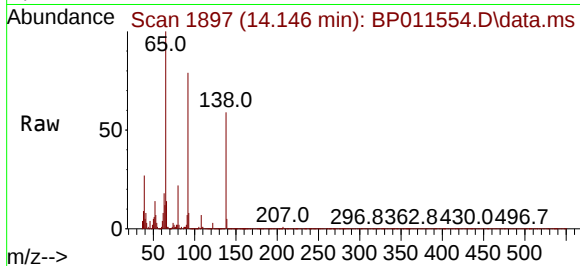




#51
3-Nitroaniline
Concen: 18.126 ng/ul
RT: 14.146 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

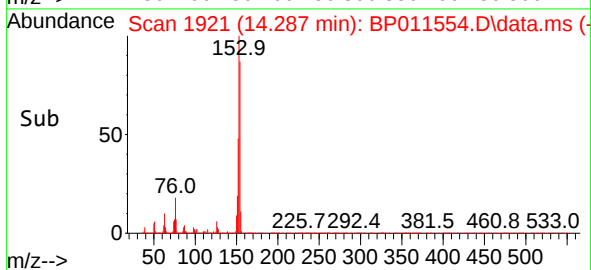
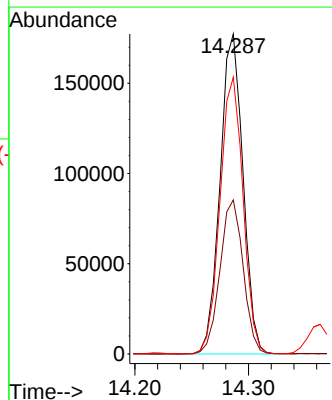
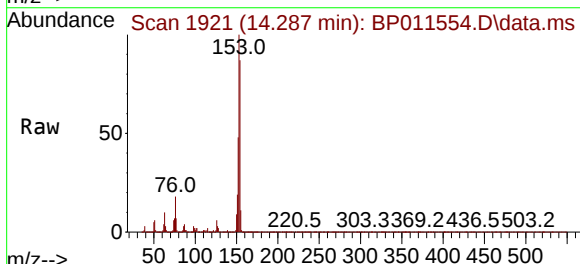
Instrument :
BNA_P
ClientSampleId :

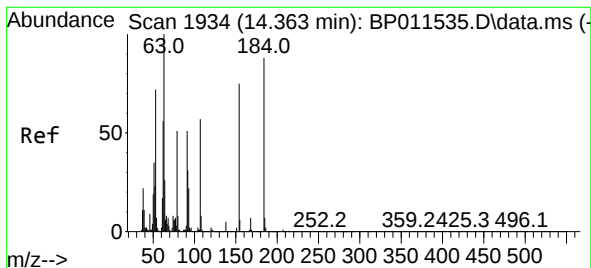
Tgt Ion:138 Resp: 51054
Ion Ratio Lower Upper
138 100
108 12.7 8.6 13.0
92 134.4 104.2 156.2



#52
Acenaphthene
Concen: 20.232 ng/ul
RT: 14.287 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:153 Resp: 249003
Ion Ratio Lower Upper
153 100
152 48.2 37.7 56.5
154 86.5 69.4 104.0

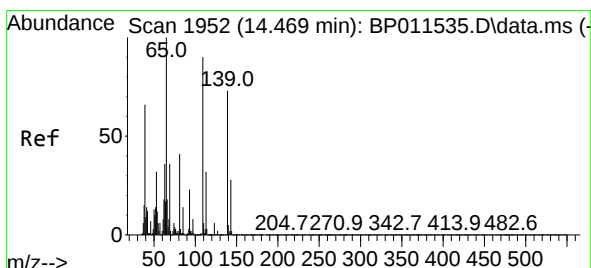
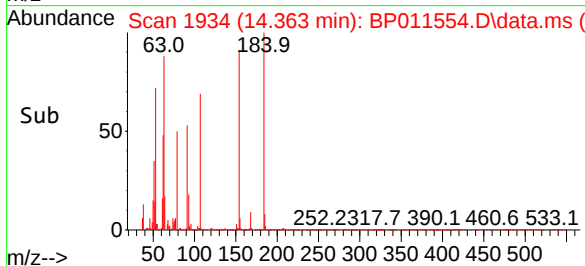
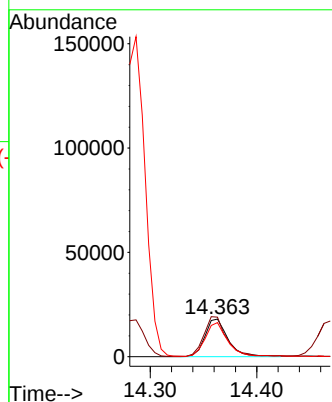
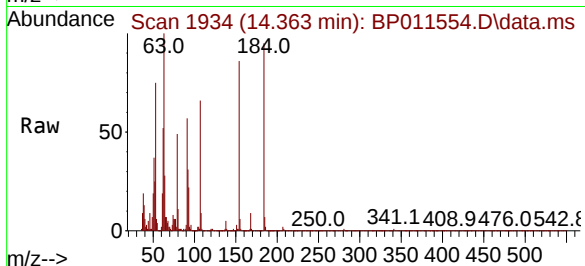




#53
2,4-Dinitrophenol
Concen: 17.080 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

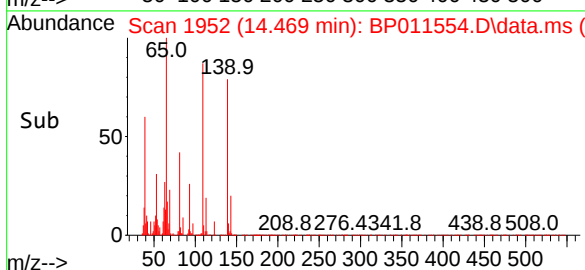
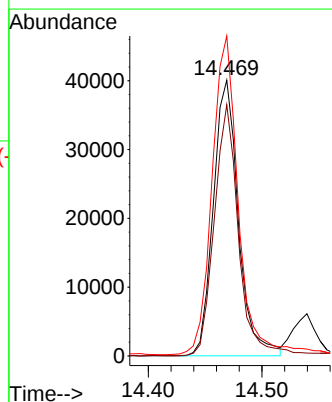
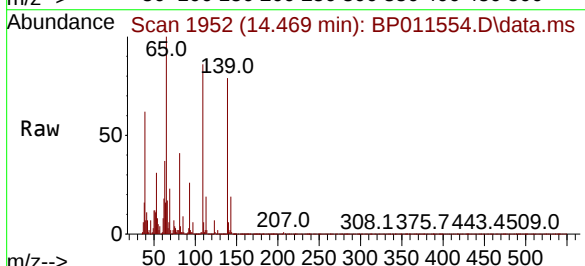
Instrument :
BNA_P
ClientSampleId :

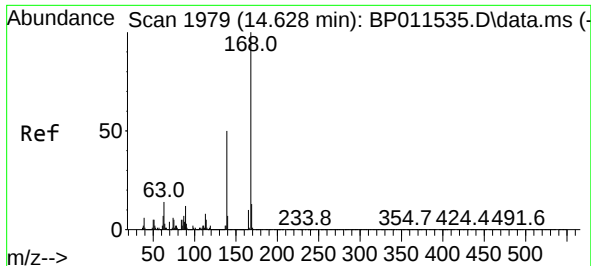
Tgt Ion:184 Resp: 27033
Ion Ratio Lower Upper
184 100
63 105.2 82.5 123.7
154 90.9 66.6 100.0



#55
4-Nitrophenol
Concen: 19.266 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:109 Resp: 61546
Ion Ratio Lower Upper
109 100
139 91.1 76.0 114.0
65 116.0 98.8 148.2

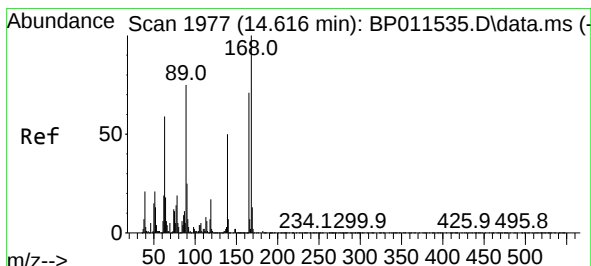
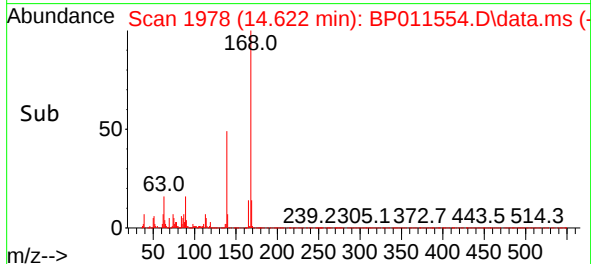
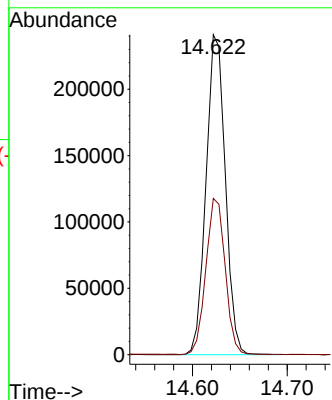
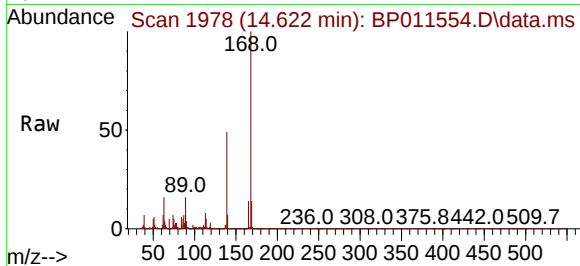




#56
Dibenzofuran
Concen: 20.035 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

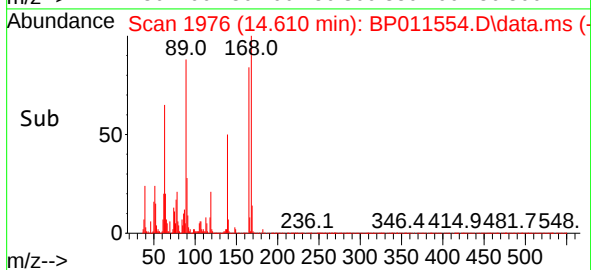
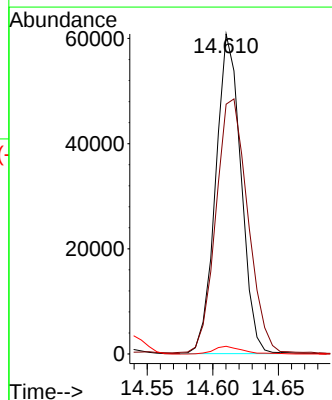
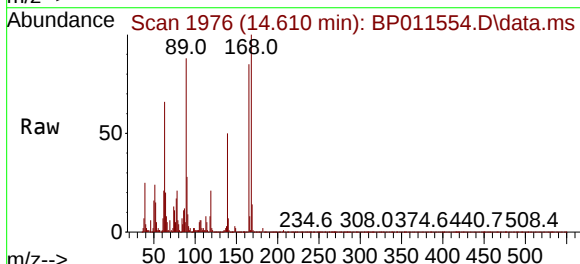
Instrument :
BNA_P
ClientSampleId :

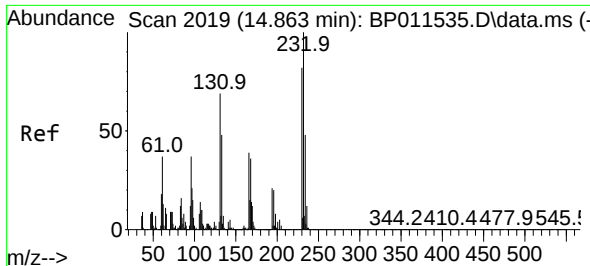
Tgt Ion:168 Resp: 340031
Ion Ratio Lower Upper
168 100
139 48.8 38.4 57.6



#57
2,4-Dinitrotoluene
Concen: 21.075 ng/ul
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:165 Resp: 81585
Ion Ratio Lower Upper
165 100
63 78.0 60.2 90.2
182 2.4 1.8 2.8

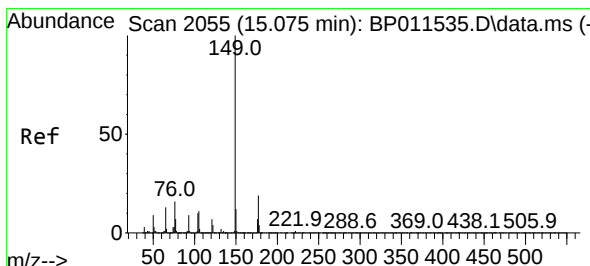
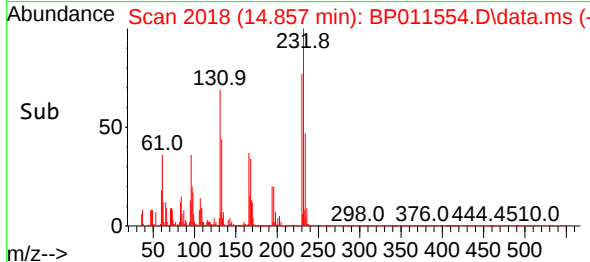
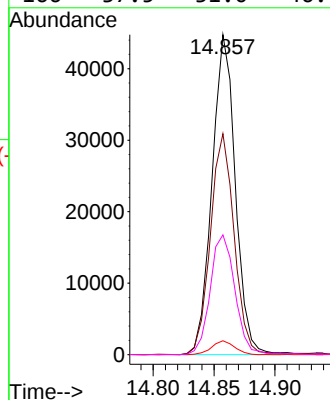
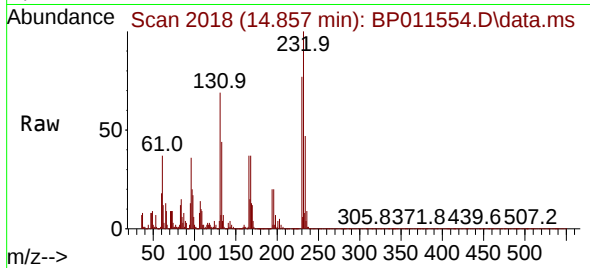




#58
2,3,4,6-Tetrachlorophenol
Concen: 21.289 ng/ul
RT: 14.857 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

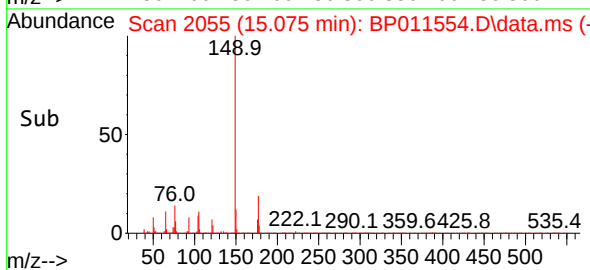
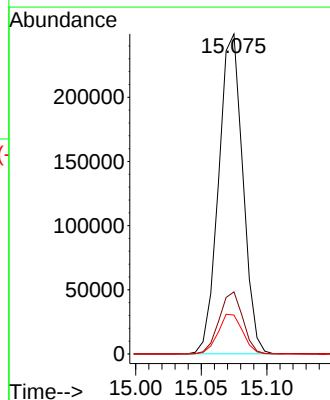
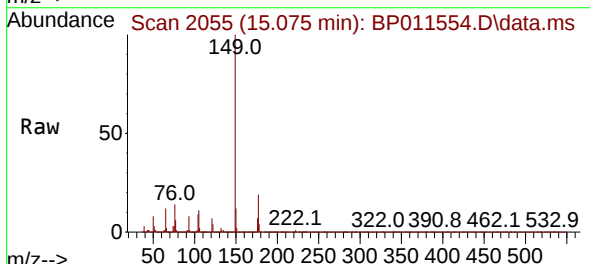
Instrument :
BNA_P
ClientSampleId :

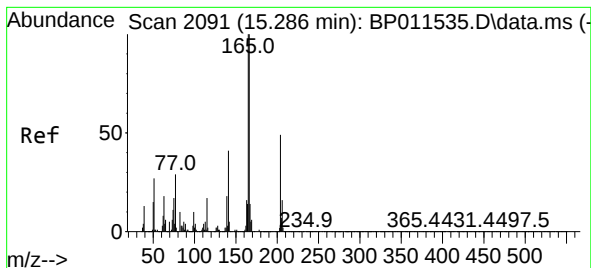
Tgt Ion:232	Resp:	59802
Ion Ratio	Lower	Upper
232	100	
131	69.0	55.4 83.0
130	4.4	3.6 5.4
166	37.5	31.0 46.4



#59
Diethylphthalate
Concen: 20.306 ng/ul
RT: 15.075 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:149	Resp:	319889
Ion Ratio	Lower	Upper
149	100	
177	19.4	15.7 23.5
150	12.2	10.1 15.1





#61

Fluorene

Concen: 20.181 ng/ul

RT: 15.281 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

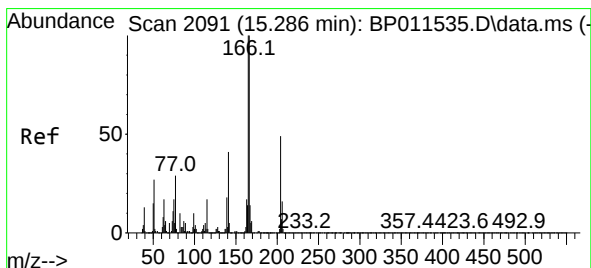
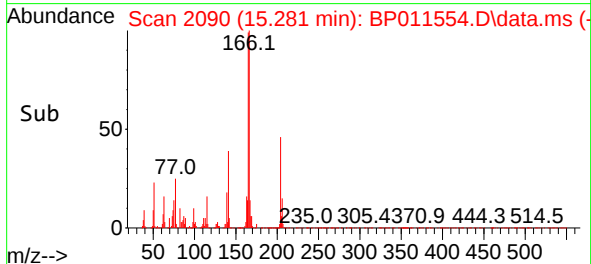
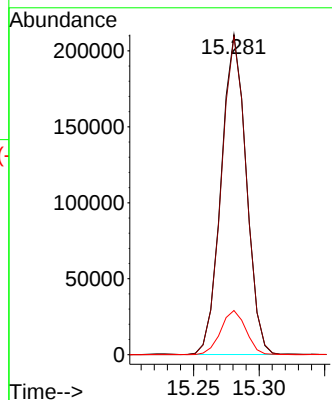
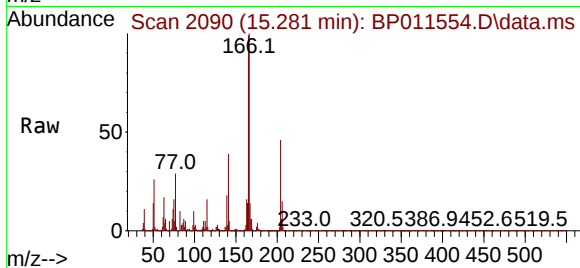
Tgt Ion:166 Resp: 280203

Ion Ratio Lower Upper

166 100

165 99.4 78.2 117.2

167 13.8 10.3 15.5



#62

4-Chlorophenyl-phenylether

Concen: 20.151 ng/ul

RT: 15.281 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

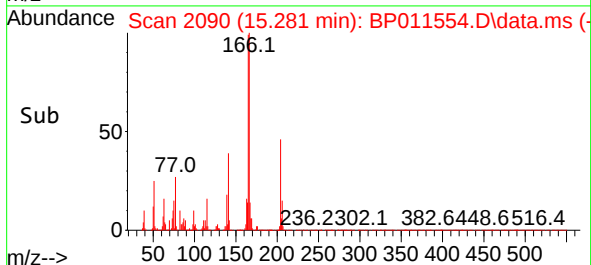
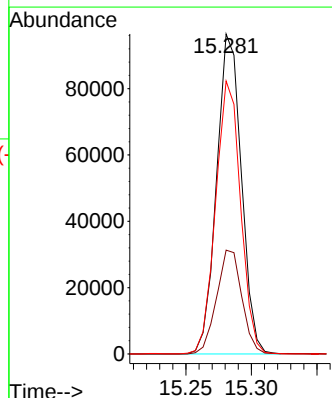
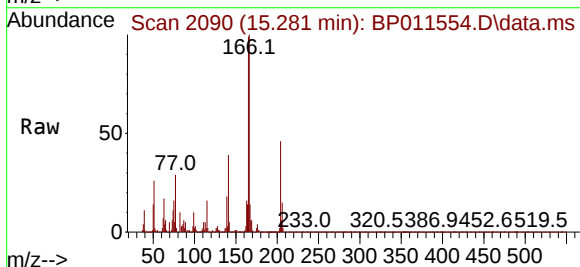
Tgt Ion:204 Resp: 126390

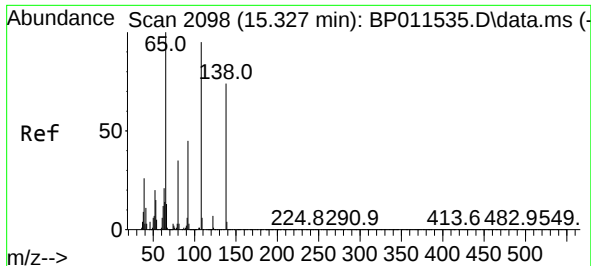
Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

141 85.3 66.5 99.7

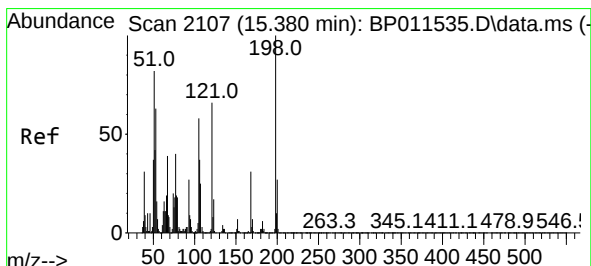
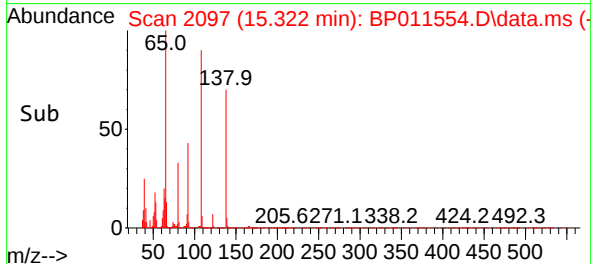
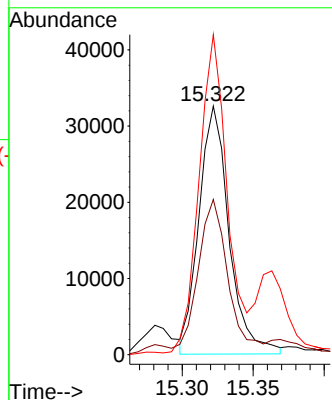
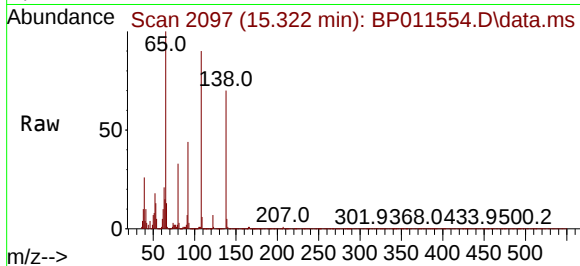




#63
4-Nitroaniline
Concen: 17.641 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

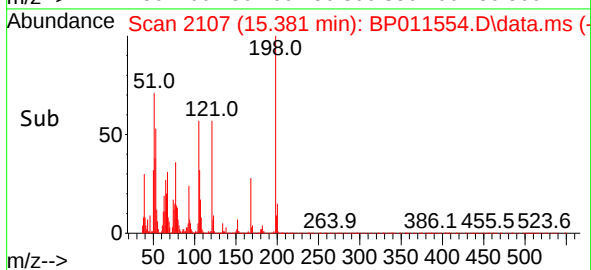
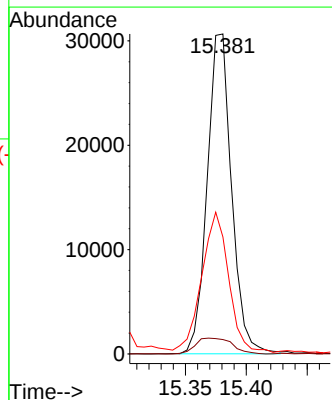
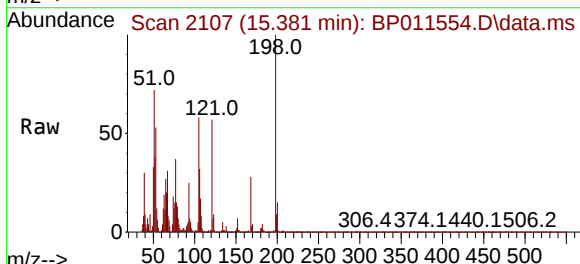
Instrument :
BNA_P
ClientSampleId :

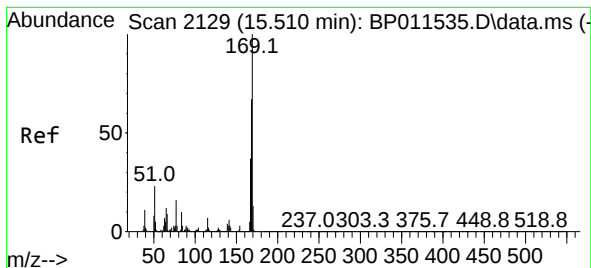
Tgt Ion:138 Resp: 47995
Ion Ratio Lower Upper
138 100
92 62.4 49.5 74.3
108 128.7 93.7 140.5



#66
4,6-Dinitro-2-methylphenol
Concen: 19.535 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:198 Resp: 42722
Ion Ratio Lower Upper
198 100
182 4.5 3.9 5.9
77 36.6 30.1 45.1





#67

N-Nitrosodiphenylamine

Concen: 20.655 ng/ul

RT: 15.504 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

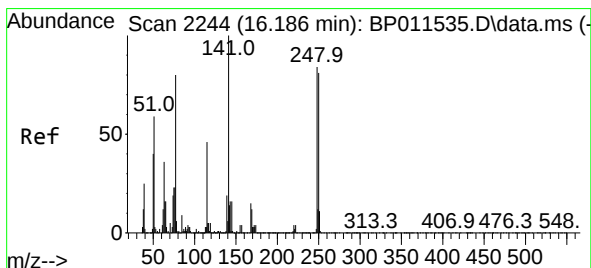
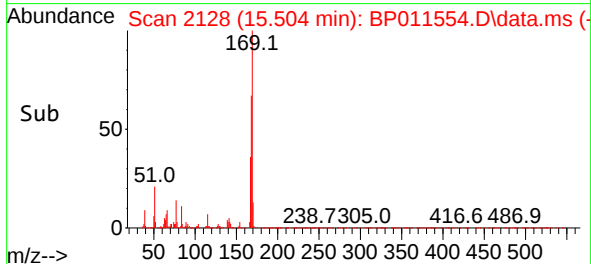
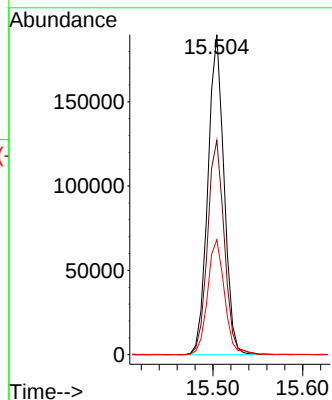
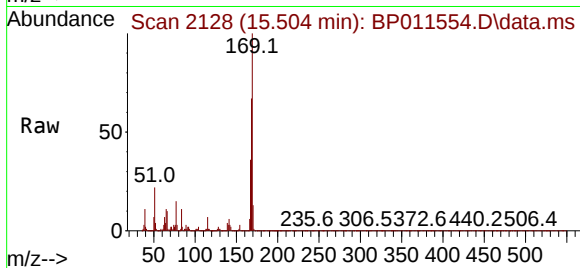
Tgt Ion:169 Resp: 237106

Ion Ratio Lower Upper

169 100

168 67.0 54.6 82.0

167 36.0 30.2 45.4



#68

4-Bromophenyl-phenylether

Concen: 21.048 ng/ul

RT: 16.187 min Scan# 2244

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

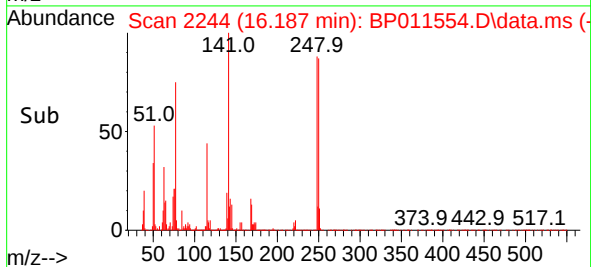
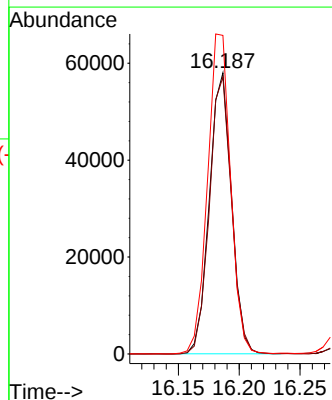
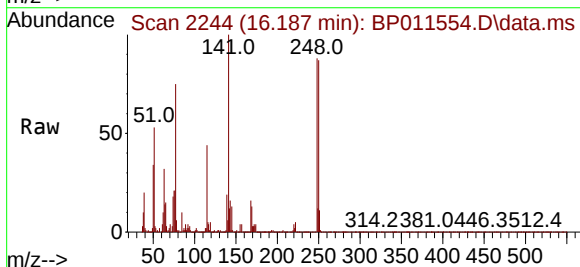
Tgt Ion:248 Resp: 73515

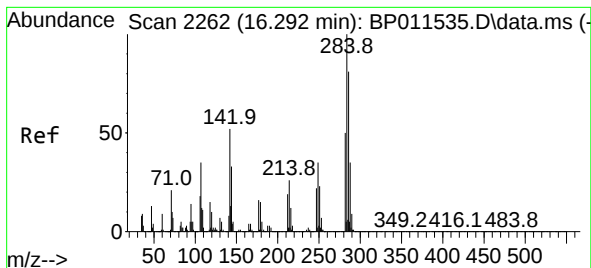
Ion Ratio Lower Upper

248 100

250 98.5 82.8 124.2

141 113.3 90.8 136.2





#69

Hexachlorobenzene

Concen: 20.676 ng/ul

RT: 16.287 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

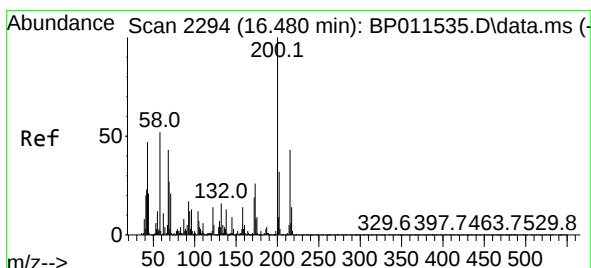
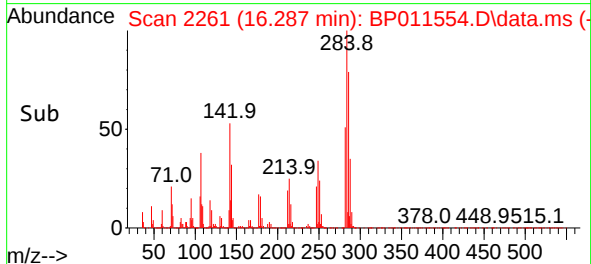
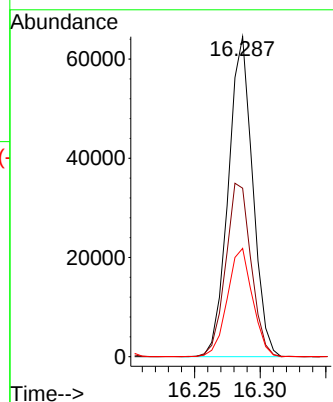
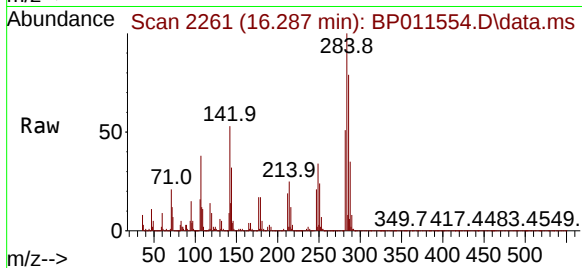
Tgt Ion:284 Resp: 83229

Ion Ratio Lower Upper

284 100

142 52.7 43.5 65.3

249 33.8 28.4 42.6



#70

Atrazine

Concen: 19.960 ng/ul

RT: 16.475 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

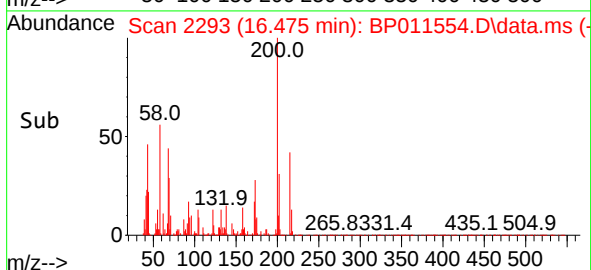
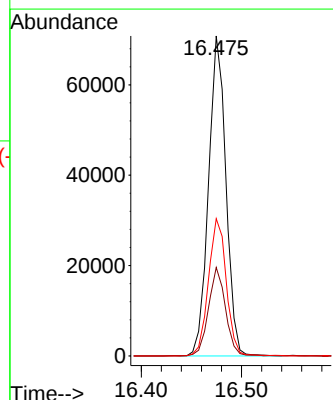
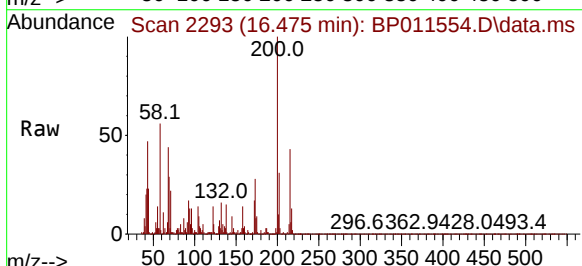
Tgt Ion:200 Resp: 85507

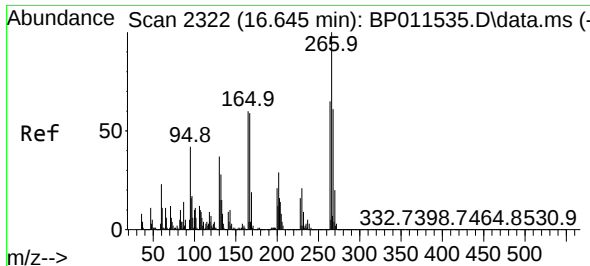
Ion Ratio Lower Upper

200 100

173 27.6 22.0 33.0

215 42.9 36.3 54.5

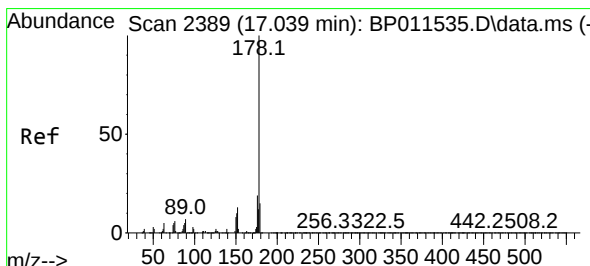
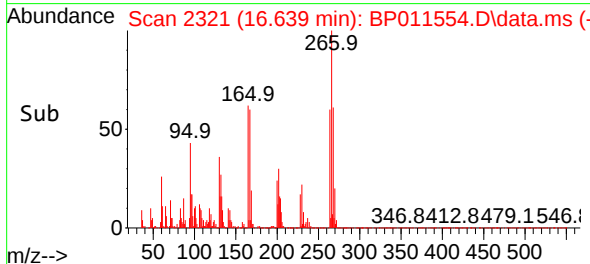
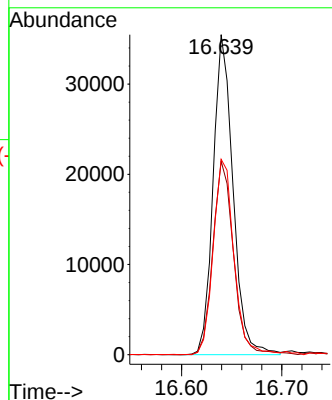
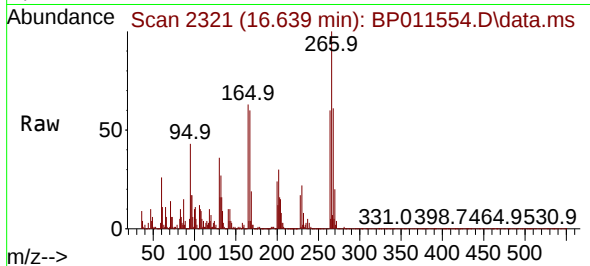




#71
 Pentachlorophenol
 Concen: 19.572 ng/ul
 RT: 16.639 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011554.D
 Acq: 24 Aug 2022 23:05

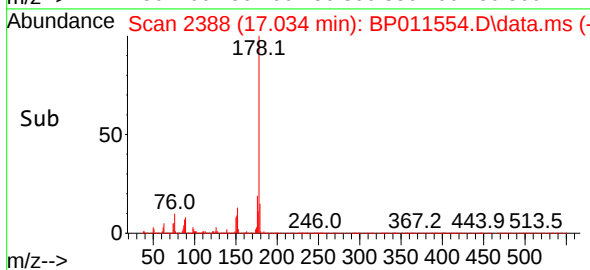
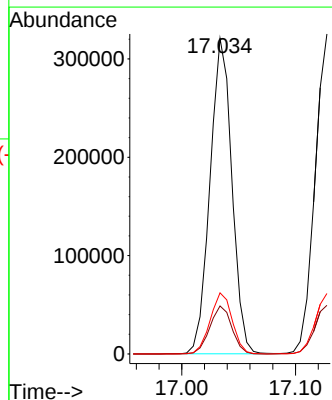
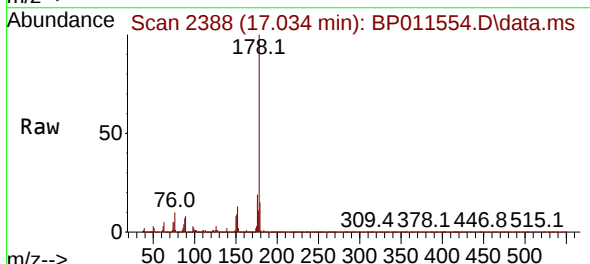
Instrument :
 BNA_P
 ClientSampleId :

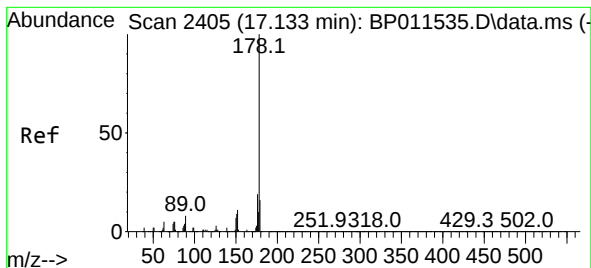
Tgt Ion:266 Resp: 48849
 Ion Ratio Lower Upper
 266 100
 264 60.4 50.6 76.0
 268 61.0 51.3 76.9



#72
 Phenanthrene
 Concen: 20.288 ng/ul
 RT: 17.034 min Scan# 2388
 Delta R.T. -0.006 min
 Lab File: BP011554.D
 Acq: 24 Aug 2022 23:05

Tgt Ion:178 Resp: 429654
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.6 18.8
 176 19.4 15.8 23.8





#74

Anthracene

Concen: 20.373 ng/u1

RT: 17.128 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

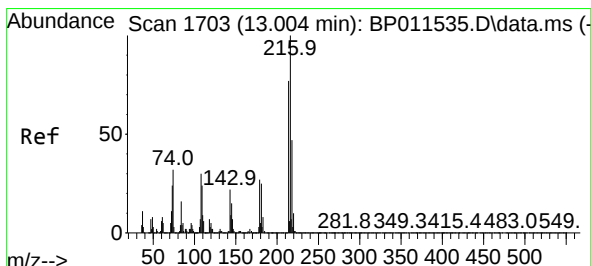
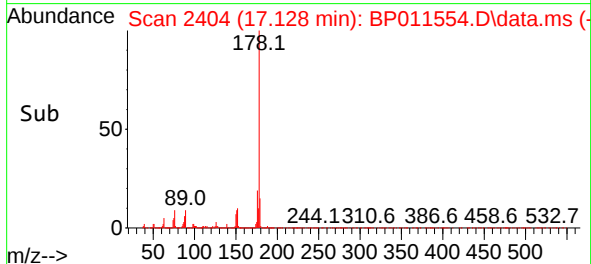
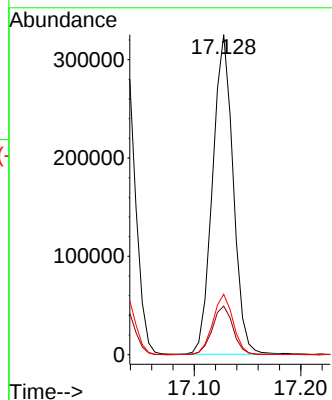
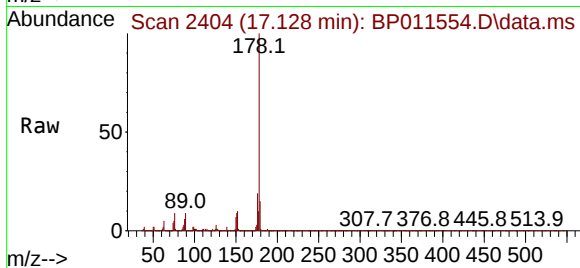
Tgt Ion:178 Resp: 435278

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.9 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.124 ng/u1

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

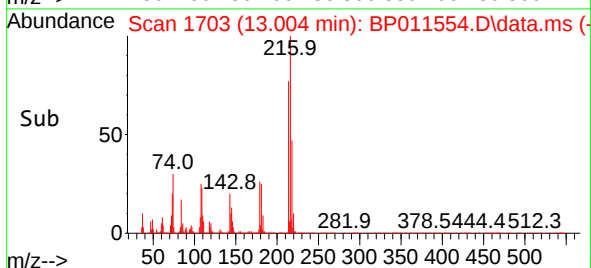
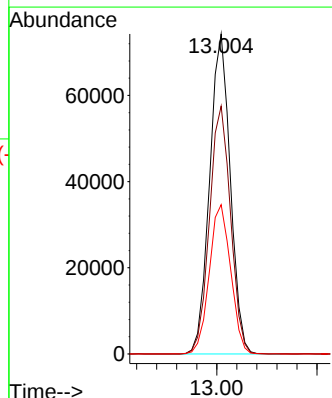
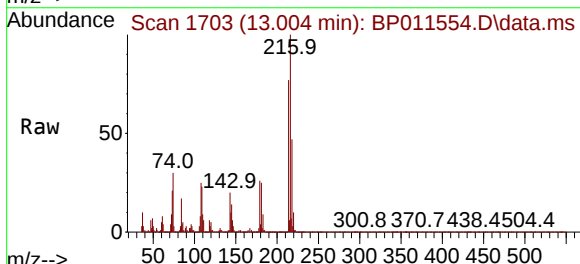
Tgt Ion:216 Resp: 106248

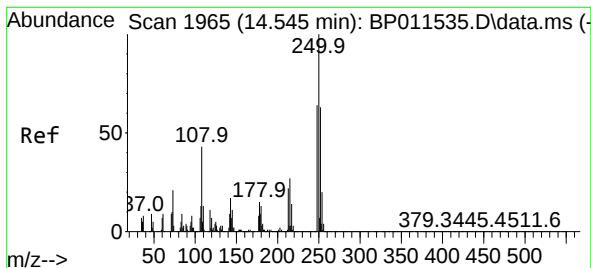
Ion Ratio Lower Upper

216 100

214 77.4 61.8 92.6

218 46.6 37.4 56.0





#76

Pentachlorobenzene

Concen: 21.354 ng/uL

RT: 14.540 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

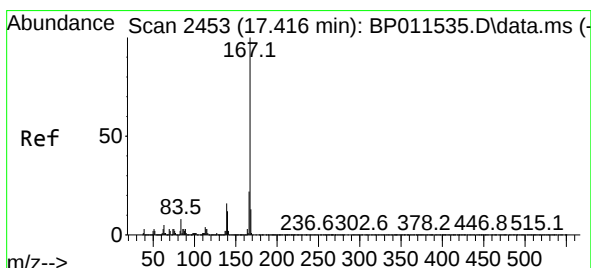
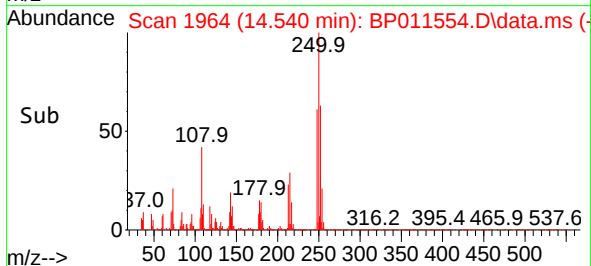
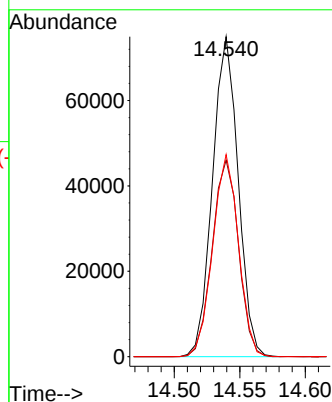
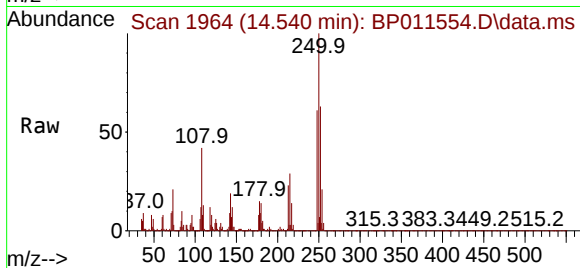
Tgt Ion:250 Resp: 101910

Ion Ratio Lower Upper

250 100

248 61.4 51.7 77.5

252 63.2 50.0 75.0



#77

Carbazole

Concen: 19.825 ng/uL

RT: 17.410 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

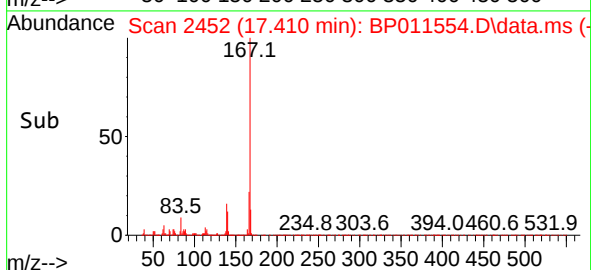
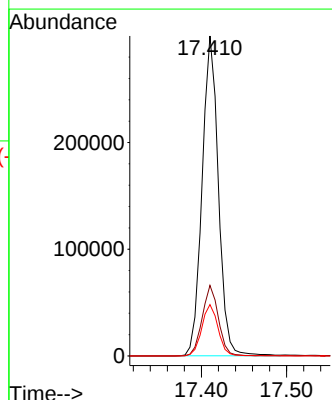
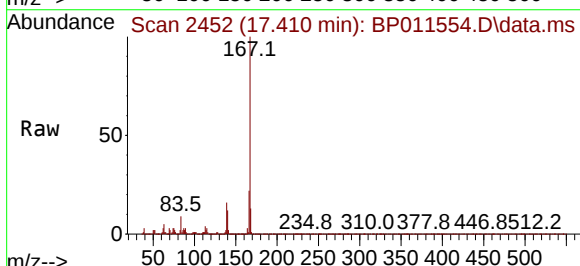
Tgt Ion:167 Resp: 398425

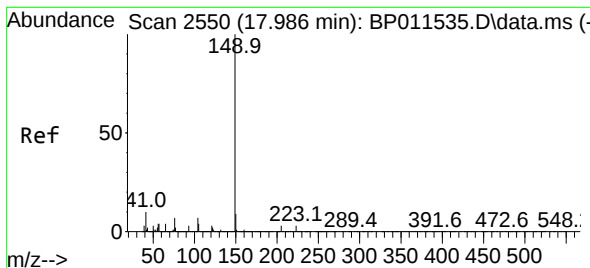
Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

139 16.0 12.1 18.1





#78

Di-n-butylphthalate

Concen: 21.543 ng/ul

RT: 17.981 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

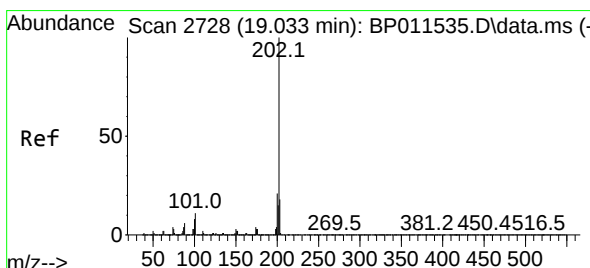
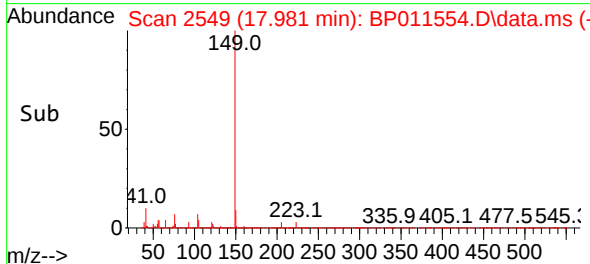
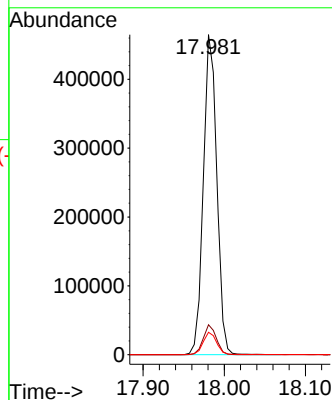
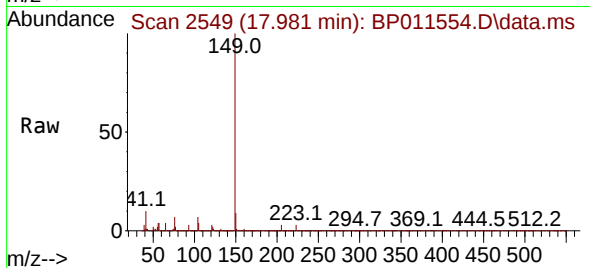
Tgt Ion:149 Resp: 533151

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 7.0 5.5 8.3



#80

Fluoranthene

Concen: 20.569 ng/ul

RT: 19.028 min Scan# 2727

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

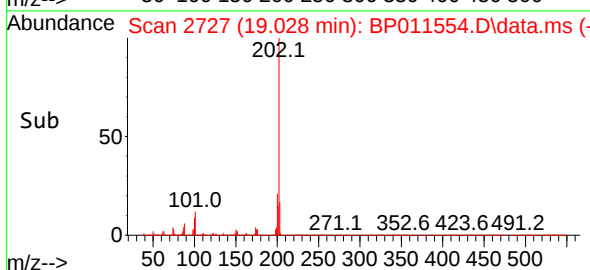
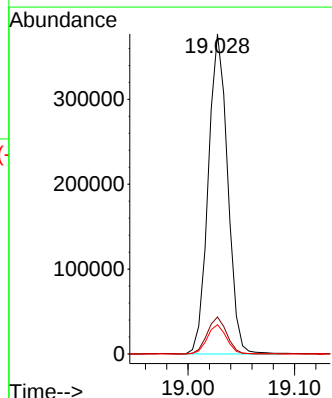
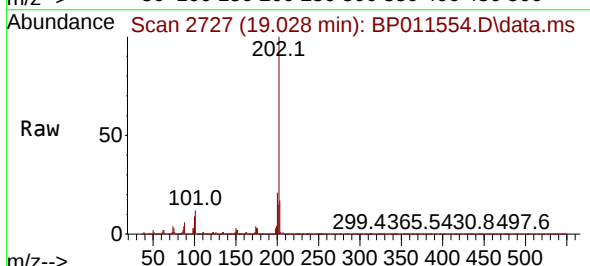
Tgt Ion:202 Resp: 477297

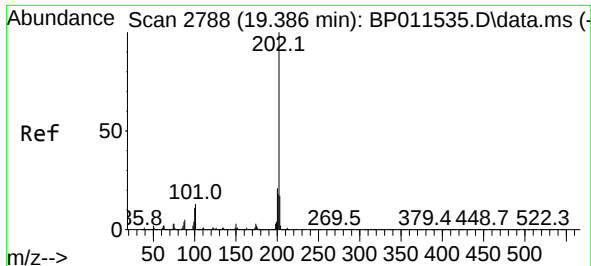
Ion Ratio Lower Upper

202 100

101 11.6 9.5 14.3

100 9.2 7.9 11.9

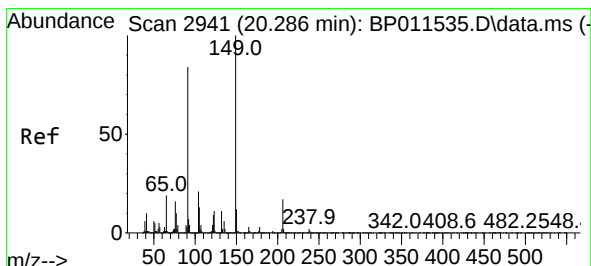
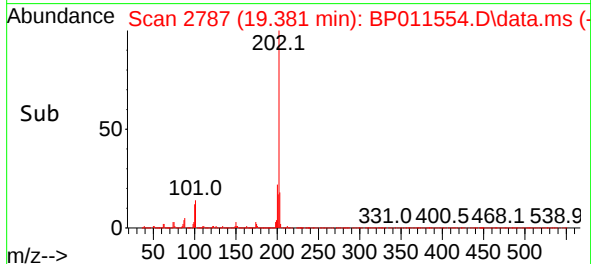
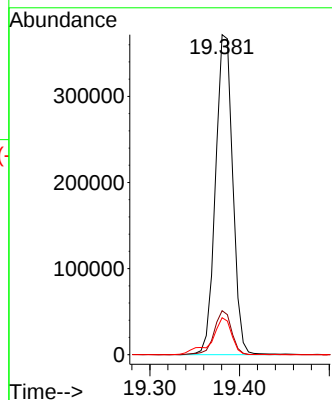
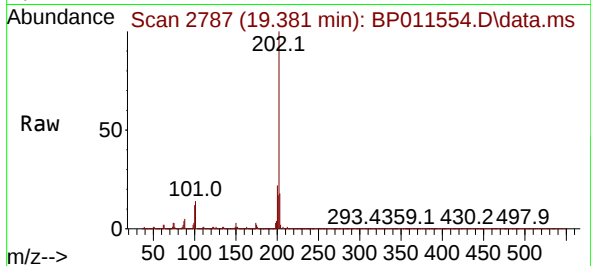




#82
Pyrene
Concen: 20.246 ng/ul
RT: 19.381 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

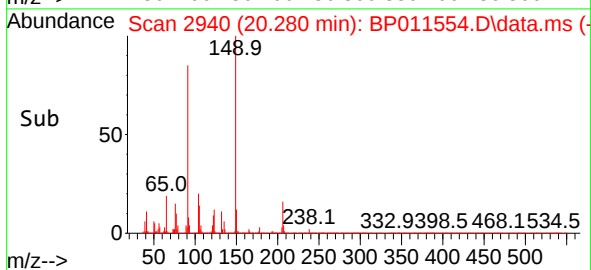
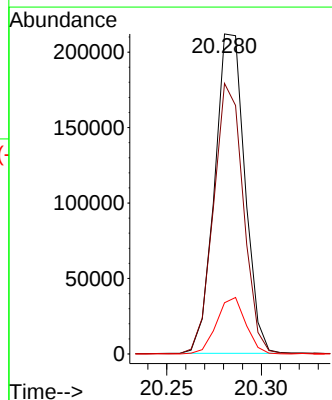
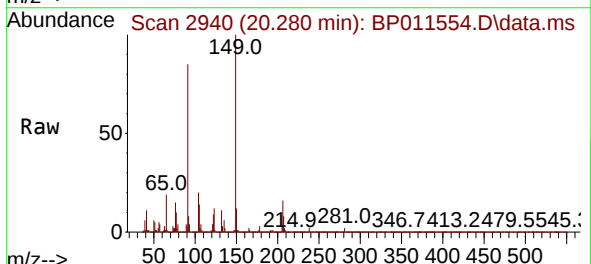
Instrument :
BNA_P
ClientSampleId :

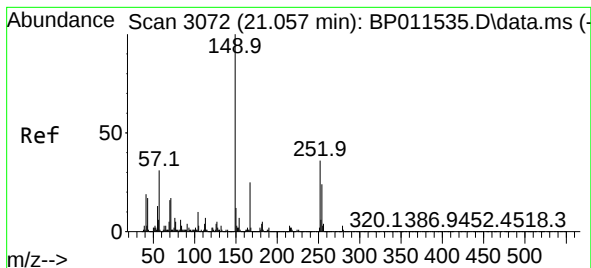
Tgt Ion:202 Resp: 493643
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.2
100 11.6 9.4 14.0



#83
Butylbenzylphthalate
Concen: 21.533 ng/ul
RT: 20.280 min Scan# 2940
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:149 Resp: 235516
Ion Ratio Lower Upper
149 100
91 84.5 68.5 102.7
206 16.0 12.6 18.8





#84

3,3'-Dichlorobenzidine

Concen: 20.146 ng/ul

RT: 21.051 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

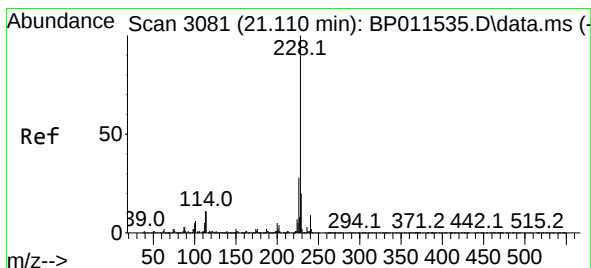
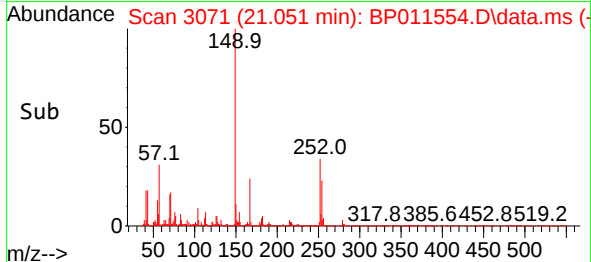
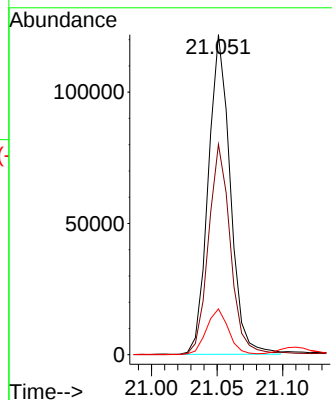
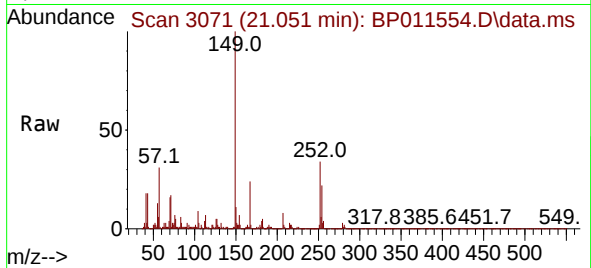
Tgt Ion:252 Resp: 142230

Ion Ratio Lower Upper

252 100

254 65.8 51.2 76.8

126 14.3 12.2 18.2



#85

Benzo(a)anthracene

Concen: 20.520 ng/ul

RT: 21.104 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

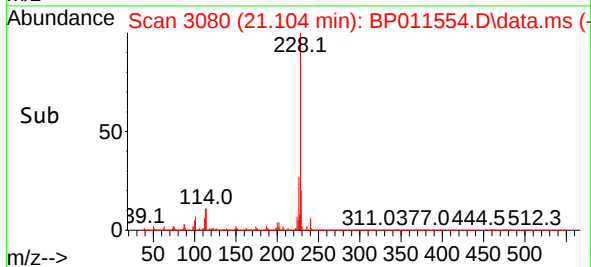
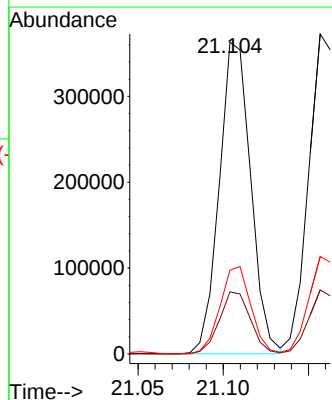
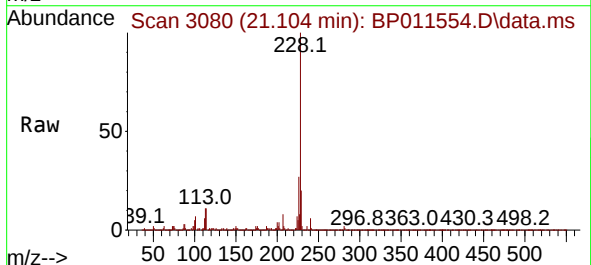
Tgt Ion:228 Resp: 466248

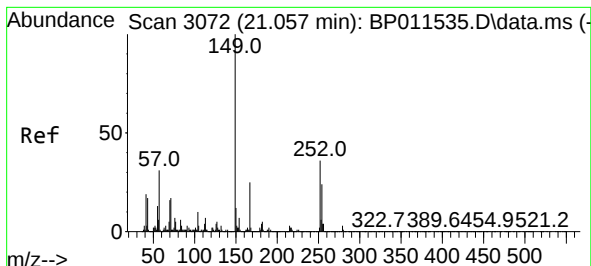
Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

226 26.9 22.6 33.8

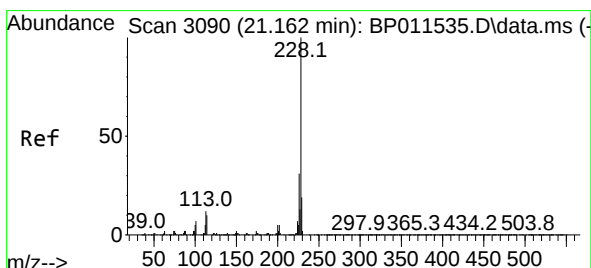
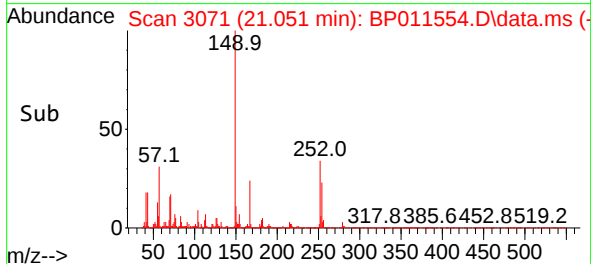
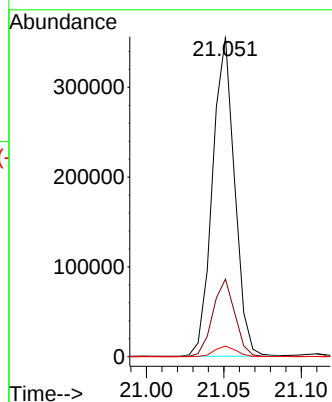
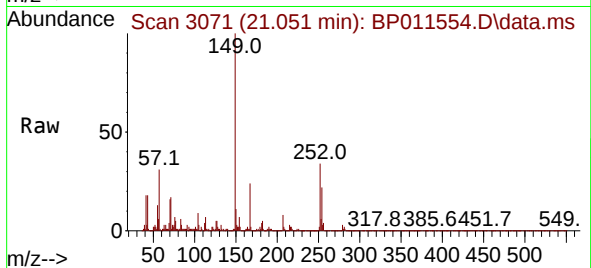




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.808 ng/ul
 RT: 21.051 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: BP011554.D
 Acq: 24 Aug 2022 23:05

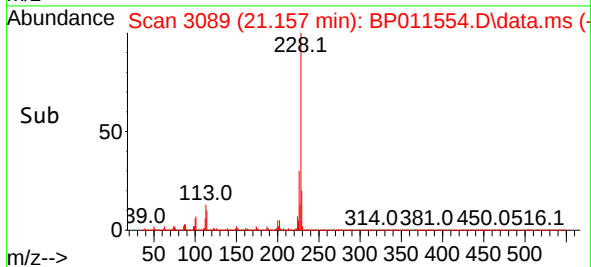
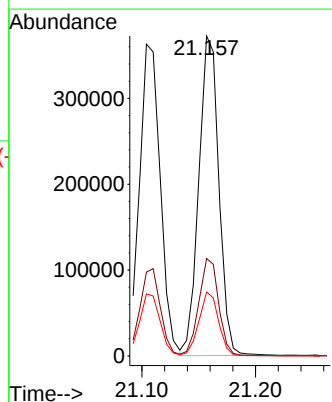
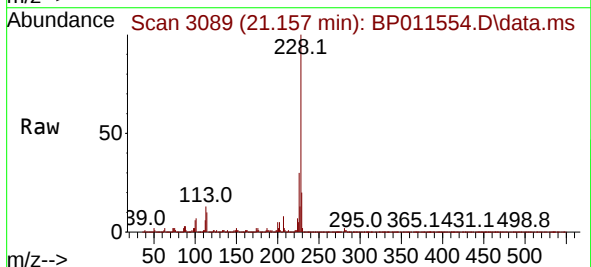
Instrument :
 BNA_P
 ClientSampleId :

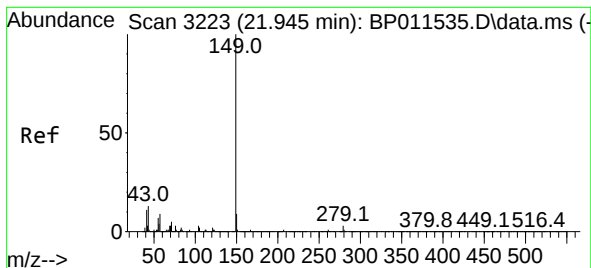
Tgt Ion:149 Resp: 352975
 Ion Ratio Lower Upper
 149 100
 167 24.2 19.8 29.8
 279 3.3 2.7 4.1



#87
 Chrysene
 Concen: 20.482 ng/ul
 RT: 21.157 min Scan# 3089
 Delta R.T. -0.006 min
 Lab File: BP011554.D
 Acq: 24 Aug 2022 23:05

Tgt Ion:228 Resp: 457172
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 20.0 16.0 24.0





#89

Di-n-octyl phthalate

Concen: 19.679 ng/ul

RT: 21.939 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011554.D

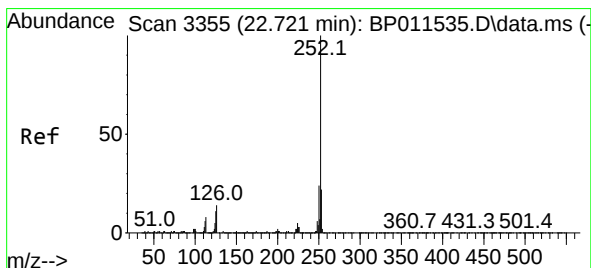
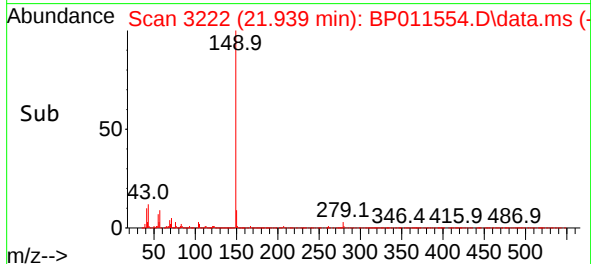
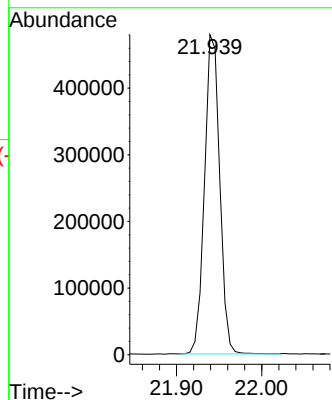
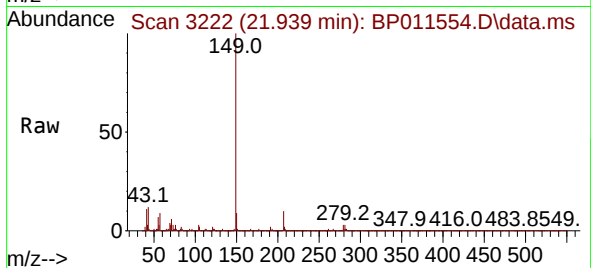
Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 592082



#90

Benzo(b)fluoranthene

Concen: 20.578 ng/ul

RT: 22.716 min Scan# 3354

Delta R.T. 0.000 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

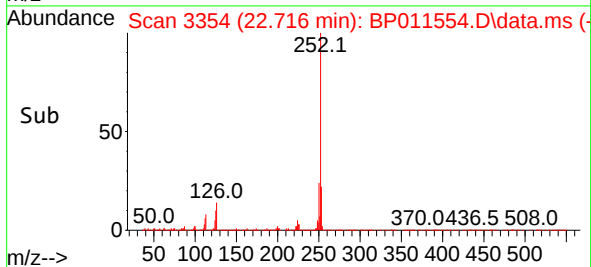
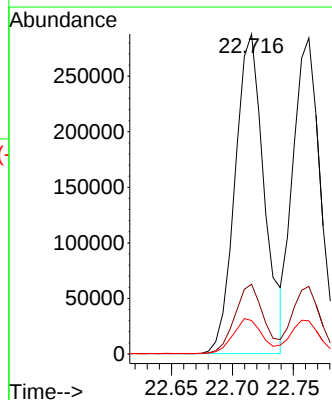
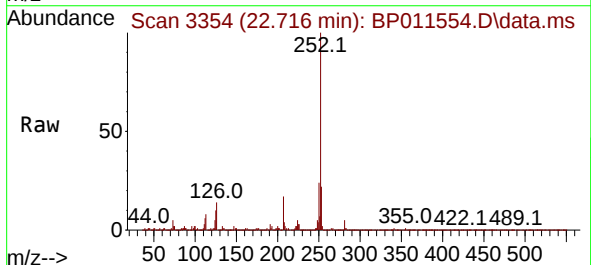
Tgt Ion:252 Resp: 479118

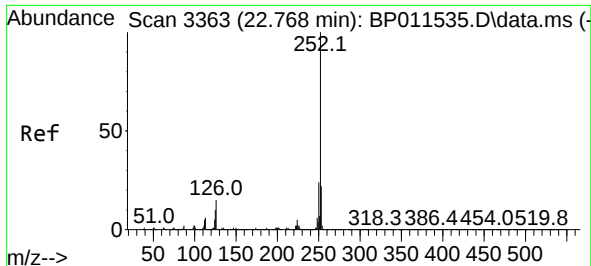
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.5 9.0 13.4

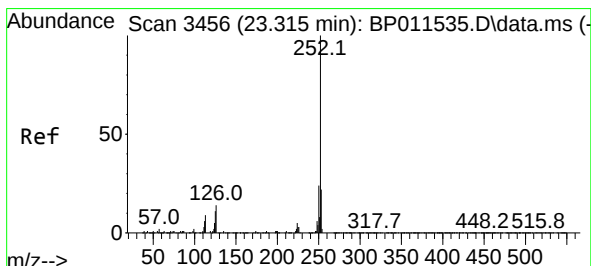
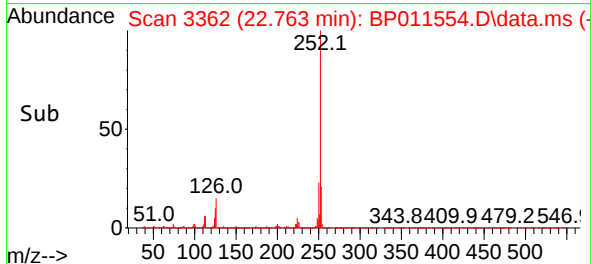
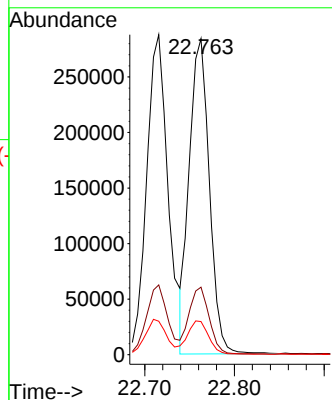
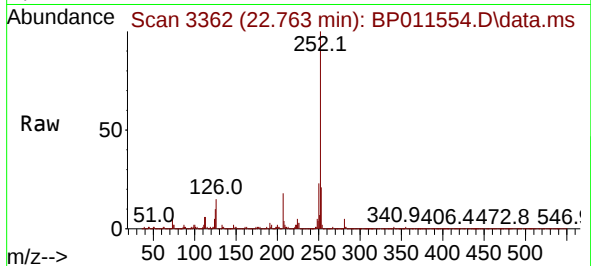




#91
Benzo(k)fluoranthene
Concen: 19.868 ng/ul
RT: 22.763 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

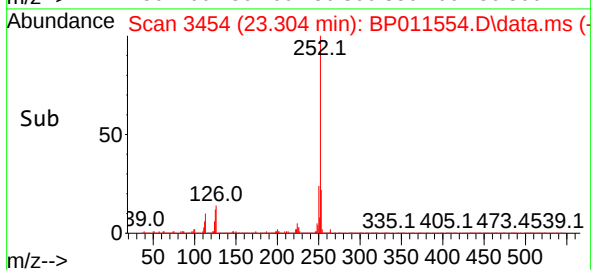
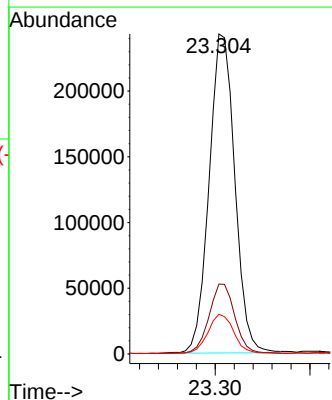
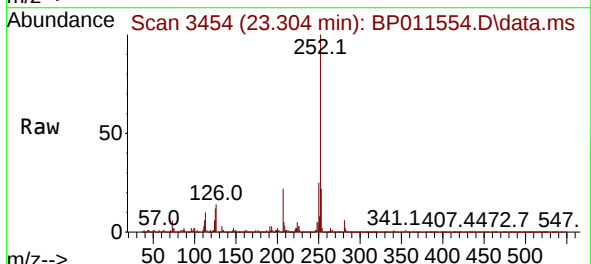
Instrument :
BNA_P
ClientSampleId :

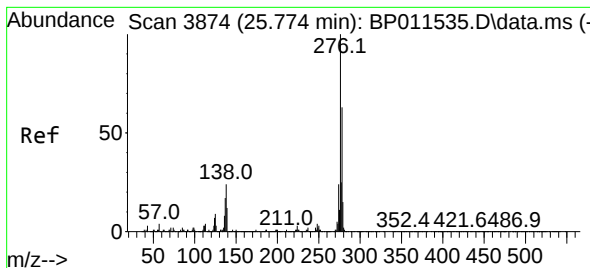
Tgt Ion:252 Resp: 441438
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 10.5 9.8 14.8



#93
Benzo(a)pyrene
Concen: 20.068 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BP011554.D
Acq: 24 Aug 2022 23:05

Tgt Ion:252 Resp: 456165
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 12.4 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.894 ng/ul

RT: 25.757 min Scan# 3871

Delta R.T. -0.018 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :

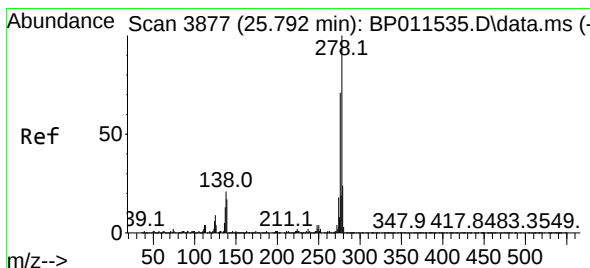
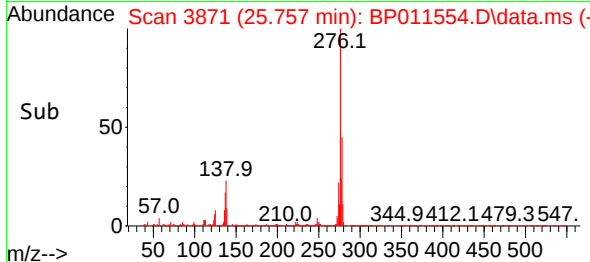
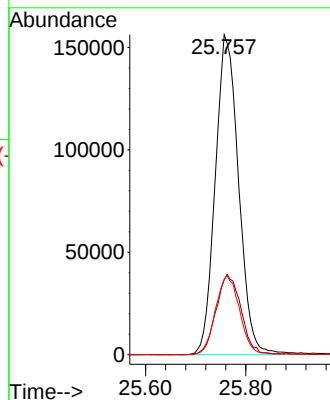
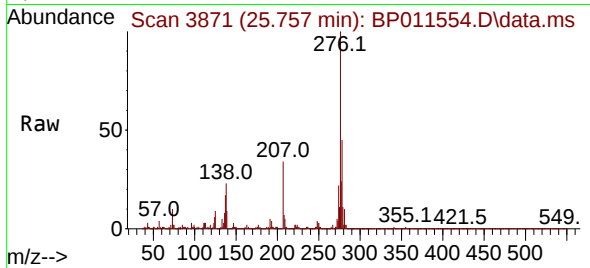
Tgt Ion:276 Resp: 504391

Ion Ratio Lower Upper

276 100

138 23.4 20.2 30.4

277 23.6 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 19.828 ng/ul

RT: 25.780 min Scan# 3875

Delta R.T. -0.012 min

Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

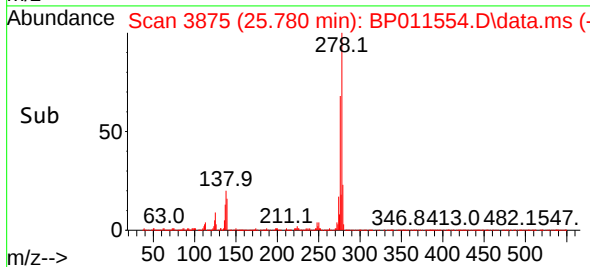
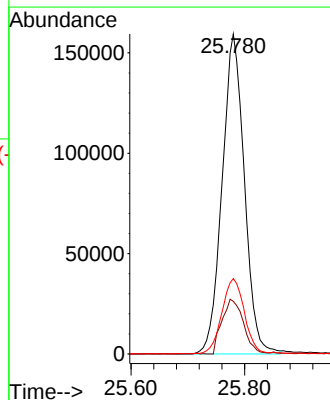
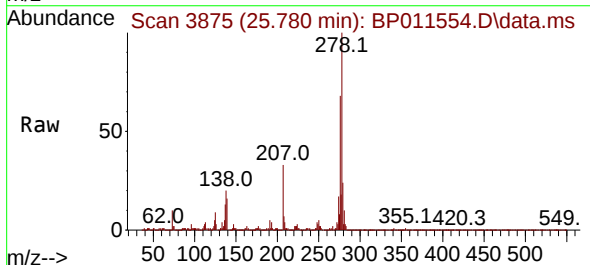
Tgt Ion:278 Resp: 432867

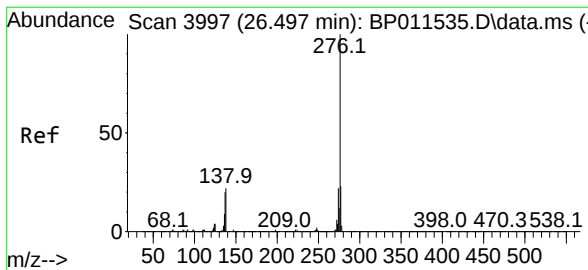
Ion Ratio Lower Upper

278 100

139 16.4 15.4 23.0

279 23.6 19.3 28.9





#96

Benzo(g,h,i)perylene

Concen: 19.160 ng/ul

RT: 26.486 min Scan# 3995

Delta R.T. 0.000 min

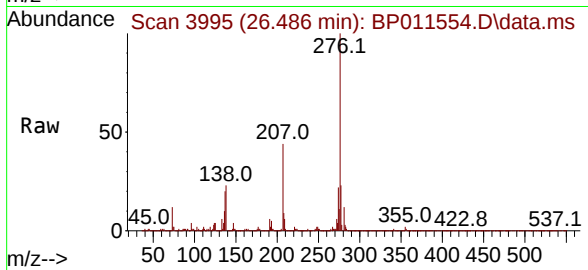
Lab File: BP011554.D

Acq: 24 Aug 2022 23:05

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 413214

Ion Ratio Lower Upper

276 100

138 22.7 19.4 29.2

277 23.1 19.1 28.7

