

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
 Data File : BP011493.D
 Acq On : 18 Aug 2022 21:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 23:21:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	93423	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	382740	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.227	164	208632	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	396720	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	384004	20.000	ng/u1	0.00
88) Perylene-d12	23.421	264	400489	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	23617	7.845	ng/uL	0.00
4) Pyridine-d5	3.481	84	144919	18.802	ng/u1	0.00
7) Phenol-d5	6.740	99	152405	17.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.904	67	101417	18.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	124147	19.661	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	117839	17.149	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	56607	20.544	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.434	143	58793	20.965	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	103022	19.902	ng/u1	0.00
31) 4-Chloroaniline-d4	10.492	131	153213	17.781	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	280925	19.038	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	327210	19.951	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	49550	17.428	ng/u1	0.00
60) Fluorene-d10	15.233	176	232039	18.691	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	39583	18.465	ng/u1	0.00
73) Anthracene-d10	17.098	188	343082	19.526	ng/u1	0.00
81) Pyrene-d10	19.363	212	373869	19.243	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.268	264	381651	19.591	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	24011	7.649	ng/uL	99
5) Pyridine	3.499	79	144081	18.727	ng/u1	99
6) Benzaldehyde	6.710	77	79950	20.292	ng/u1	98
8) Phenol	6.769	94	157801	17.886	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.998	93	125033	18.168	ng/u1	99
12) 2-Chlorophenol	7.122	128	130672	19.232	ng/u1	97
13) 2-Methylphenol	8.010	108	113153	17.410	ng/u1	100
16) Acetophenone	8.387	105	192688	16.856	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.375	70	99310	17.466	ng/u1	95
18) 4-Methylphenol	8.340	108	123324	17.139	ng/u1	97
19) Hexachloroethane	8.616	117	59670	19.360	ng/u1	91
22) Nitrobenzene	8.763	77	154464	19.888	ng/u1	95
23) Isophorone	9.287	82	254183	18.644	ng/u1	98
25) 2-Nitrophenol	9.469	139	65853	20.582	ng/u1	97
26) 2,4-Dimethylphenol	9.534	107	148010	19.483	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.775	93	155228	18.836	ng/u1	97
29) 2,4-Dichlorophenol	9.998	162	103968	19.626	ng/u1	96
30) Naphthalene	10.392	128	391443	19.370	ng/u1	100
32) 4-Chloroaniline	10.522	127	156262	17.503	ng/u1	98
33) Hexachlorobutadiene	10.669	225	68326	20.260	ng/u1	97
34) Caprolactam	11.316	113	31192	16.239	ng/u1	89
35) 4-Chloro-3-methylphenol	11.657	107	122758	18.328	ng/u1	97
36) 2-Methylnaphthalene	12.022	142	242773	18.465	ng/u1	99
37) 1-Methylnaphthalene	12.239	142	243025	18.224	ng/u1	99

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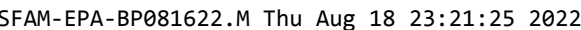
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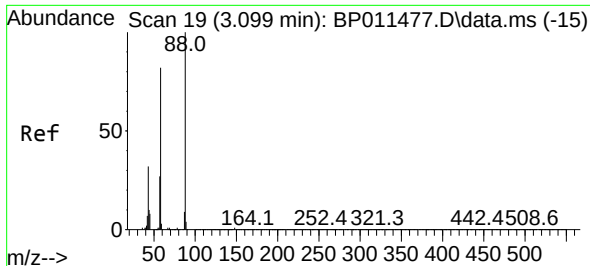
Quant Time: Aug 18 23:21:10 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.392	216	108153	20.424	ng/ul	96
40) Hexachlorocyclopentadiene	12.369	237	57187	17.407	ng/ul	99
41) 2,4,6-Trichlorophenol	12.645	196	71014	20.836	ng/ul	99
42) 2,4,5-Trichlorophenol	12.716	196	77117	20.327	ng/ul	99
43) 1,1'-Biphenyl	13.057	154	308070	19.817	ng/ul	98
44) 2-Chloronaphthalene	13.092	162	235125	20.071	ng/ul	99
45) 2-Nitroaniline	13.316	65	78855	19.723	ng/ul	96
47) Dimethylphthalate	13.698	163	289849	19.005	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	54320	19.811	ng/ul	99
50) Acenaphthylene	13.945	152	382749	19.644	ng/ul	98
51) 3-Nitroaniline	14.157	138	50535	16.920	ng/ul	94
52) Acenaphthene	14.292	153	251312	19.257	ng/ul	99
53) 2,4-Dinitrophenol	14.369	184	25845	15.400	ng/ul	93
55) 4-Nitrophenol	14.475	109	57973	17.114	ng/ul	92
56) Dibenzofuran	14.633	168	344178	19.125	ng/ul	100
57) 2,4-Dinitrotoluene	14.616	165	79013	19.249	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.863	232	57835	19.417	ng/ul	98
59) Diethylphthalate	15.080	149	310127	18.566	ng/ul	99
61) Fluorene	15.286	166	274988	18.678	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.292	204	125989	18.943	ng/ul	97
63) 4-Nitroaniline	15.327	138	47534	16.477	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.380	198	41126	18.546	ng/ul	94
67) N-Nitrosodiphenylamine	15.510	169	232036	19.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	69311	19.571	ng/ul	96
69) Hexachlorobenzene	16.292	284	81640	20.003	ng/ul	99
70) Atrazine	16.480	200	80550	18.544	ng/ul	96
71) Pentachlorophenol	16.645	266	46360	18.319	ng/ul	93
72) Phenanthrene	17.045	178	413480	19.256	ng/ul	99
74) Anthracene	17.133	178	423147	19.533	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	111377	21.840	ng/uL	99
76) Pentachlorobenzene	14.545	250	101429	20.961	ng/uL	99
77) Carbazole	17.416	167	383653	18.828	ng/ul	99
78) Di-n-butylphthalate	17.992	149	491595	19.591	ng/ul	99
80) Fluoranthene	19.033	202	462247	19.347	ng/ul	99
82) Pyrene	19.392	202	478299	19.052	ng/ul	99
83) Butylbenzylphthalate	20.292	149	229274	20.358	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.057	252	134557	18.510	ng/ul	99
85) Benzo(a)anthracene	21.115	228	453487	19.383	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	337557	20.254	ng/ul	99
87) Chrysene	21.162	228	444875	19.357	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	574569	17.847	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	494102	19.834	ng/ul	99
91) Benzo(k)fluoranthene	22.774	252	436049	18.342	ng/ul	98
93) Benzo(a)pyrene	23.321	252	471543	19.388	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.780	276	536126	19.763	ng/ul	99
95) Dibenzo(a,h)anthracene	25.797	278	463759	19.853	ng/ul	99
96) Benzo(g,h,i)perylene	26.509	276	400854	17.371	ng/ul	97

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

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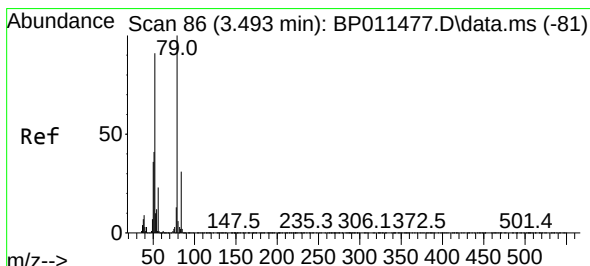
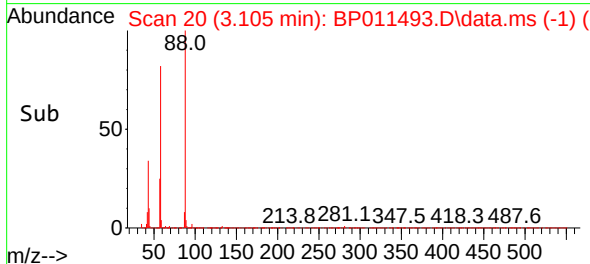
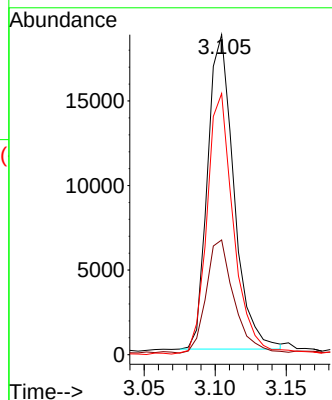
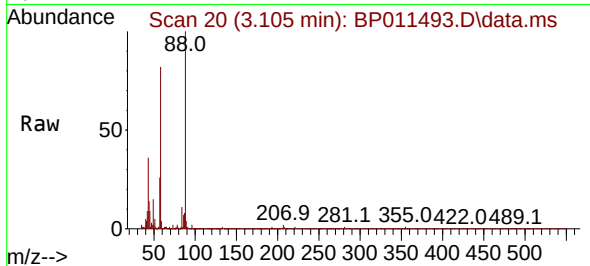




#2
1,4-Dioxane
Concen: 7.649 ng/uL
RT: 3.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

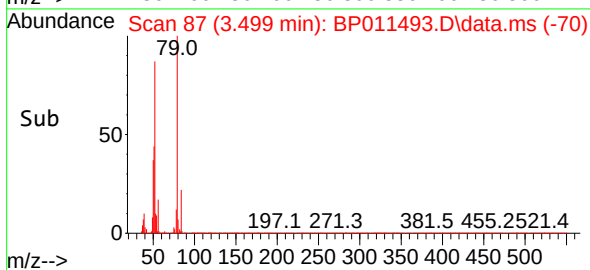
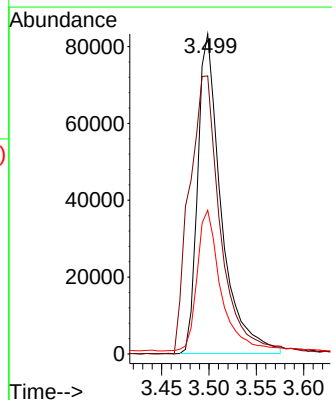
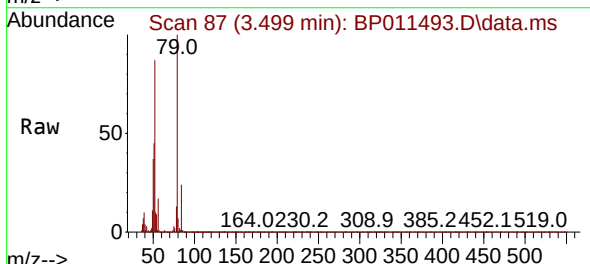
Instrument :
BNA_P
ClientSampleId :

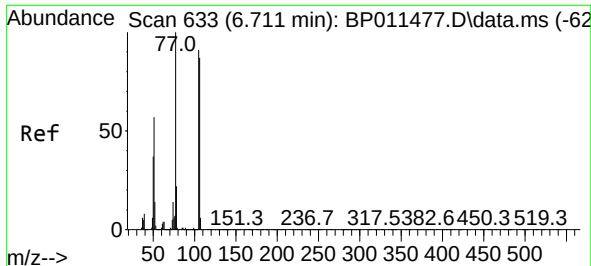
Tgt Ion: 88 Resp: 24011
Ion Ratio Lower Upper
88 100
43 35.8 29.0 43.4
58 81.6 64.7 97.1



#5
Pyridine
Concen: 18.727 ng/uL
RT: 3.499 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion: 79 Resp: 144081
Ion Ratio Lower Upper
79 100
52 86.9 70.2 105.2
51 44.9 36.1 54.1

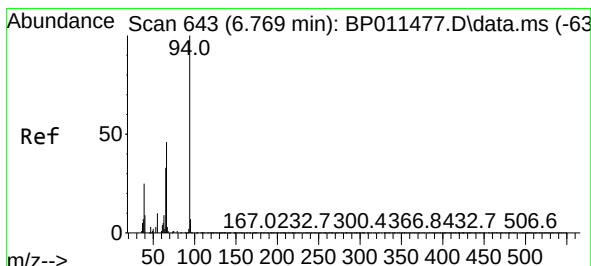
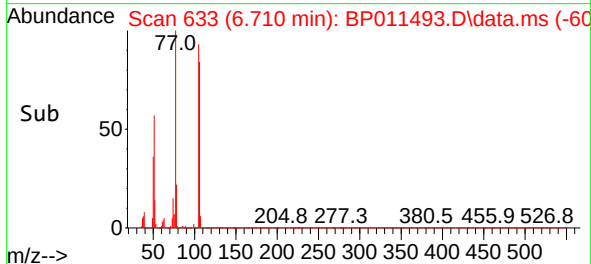
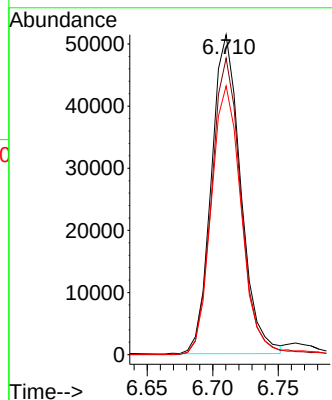
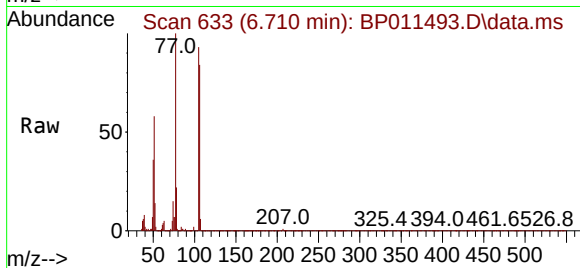




#6
Benzaldehyde
Concen: 20.292 ng/ul
RT: 6.710 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

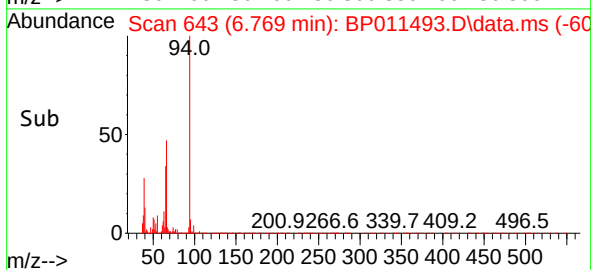
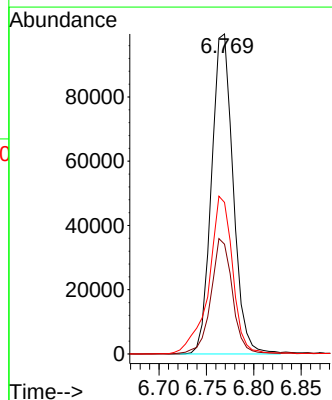
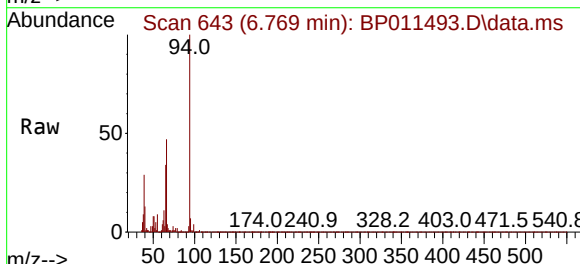
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BNA_P
ClientSampleId :

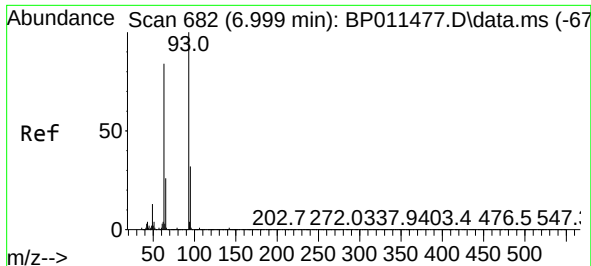
Tgt Ion: 77 Resp: 79950
Ion Ratio Lower Upper
77 100
105 92.7 72.0 108.0
106 84.0 67.4 101.0



#8
Phenol
Concen: 17.886 ng/ul
RT: 6.769 min Scan# 643
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion: 94 Resp: 157801
Ion Ratio Lower Upper
94 100
65 34.3 28.9 43.3
66 47.4 39.4 59.0

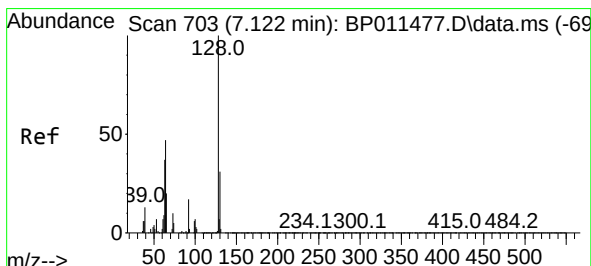
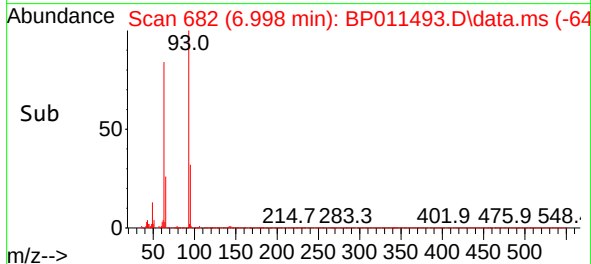
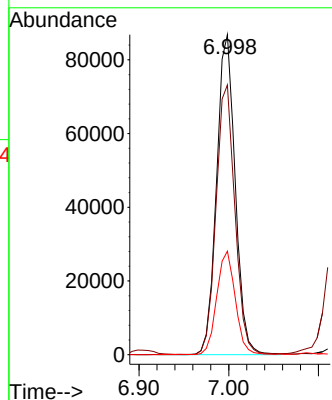
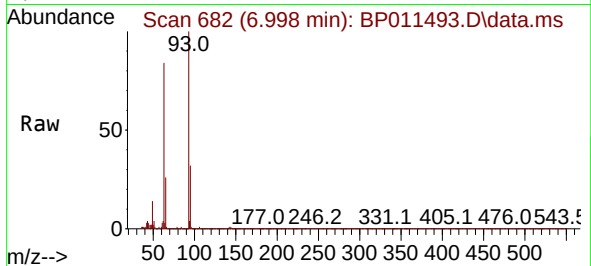




#10
Bis(2-Chloroethyl)ether
Concen: 18.168 ng/ul
RT: 6.998 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

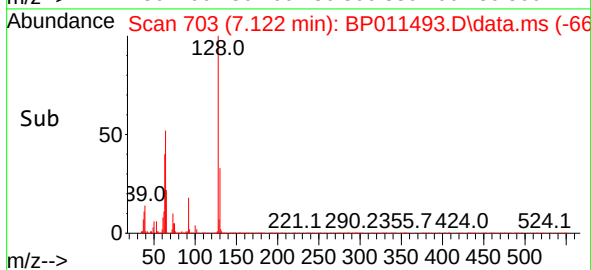
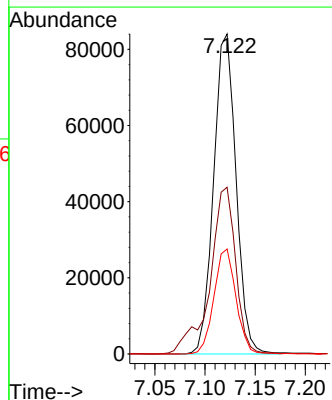
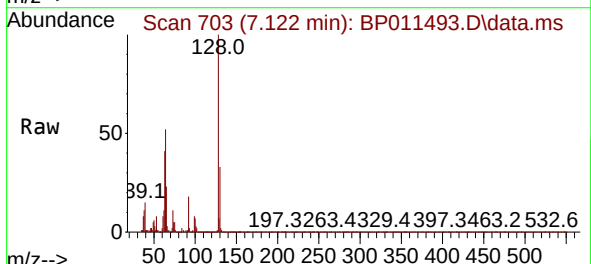
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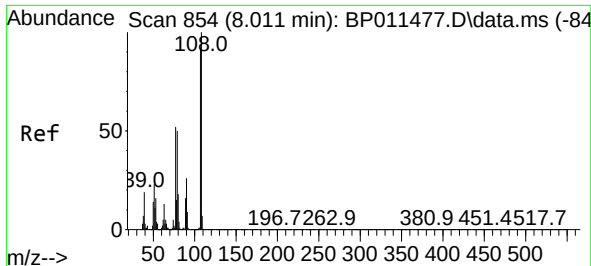
Tgt Ion: 93 Resp: 125033
Ion Ratio Lower Upper
93 100
63 84.3 67.8 101.6
95 32.3 25.0 37.6



#12
2-Chlorophenol
Concen: 19.232 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:128 Resp: 130672
Ion Ratio Lower Upper
128 100
64 52.1 40.2 60.2
130 32.8 24.6 37.0





#13

2-Methylphenol

Concen: 17.410 ng/ul

RT: 8.010 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

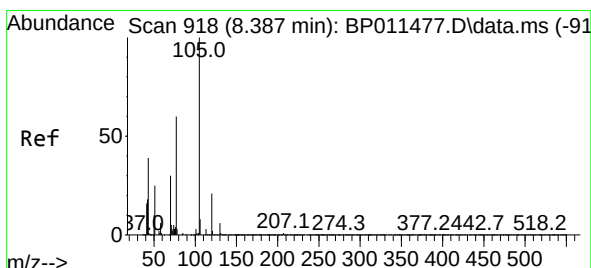
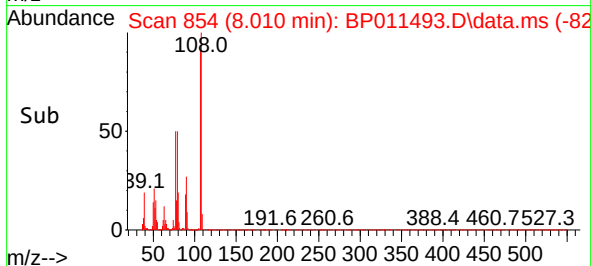
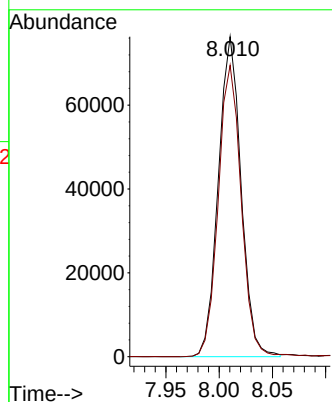
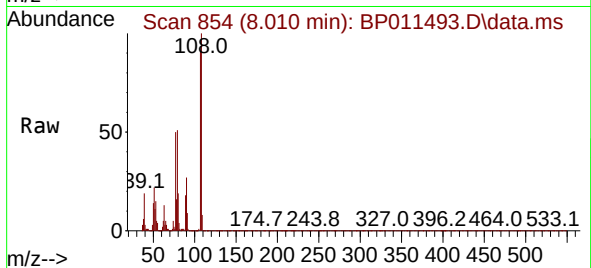
ClientSampleId :

Tgt Ion:108 Resp: 113153

Ion Ratio Lower Upper

108 100

107 91.0 73.2 109.8



#16

Acetophenone

Concen: 16.856 ng/ul

RT: 8.387 min Scan# 918

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

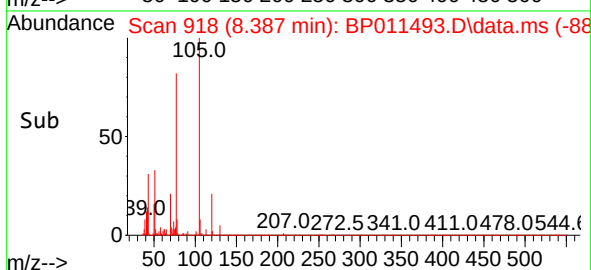
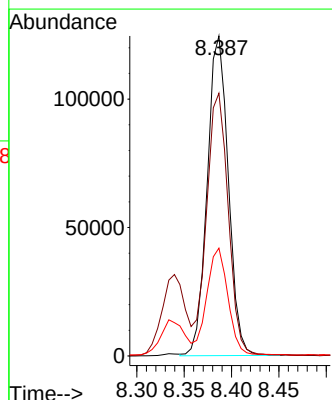
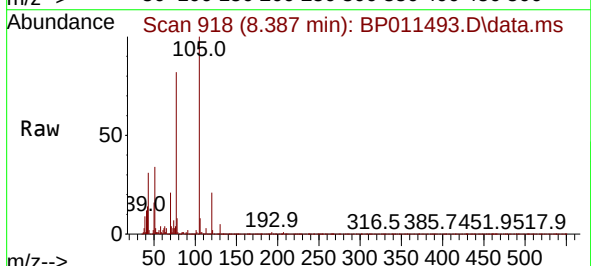
Tgt Ion:105 Resp: 192688

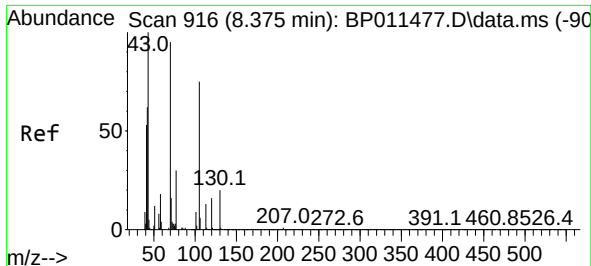
Ion Ratio Lower Upper

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51 33.7 28.2 42.4

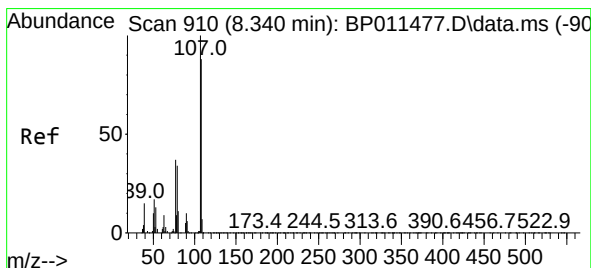
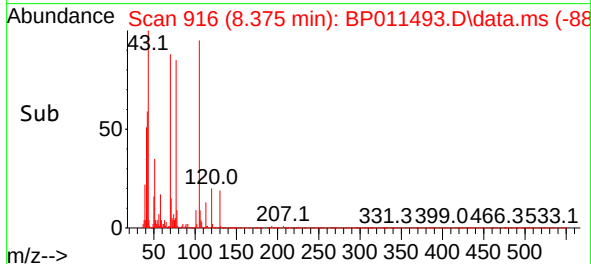
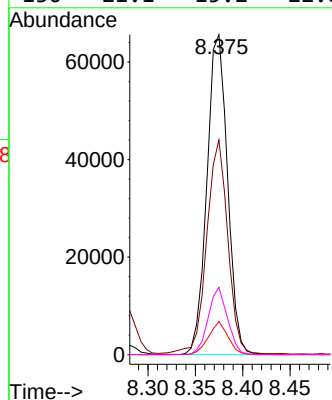
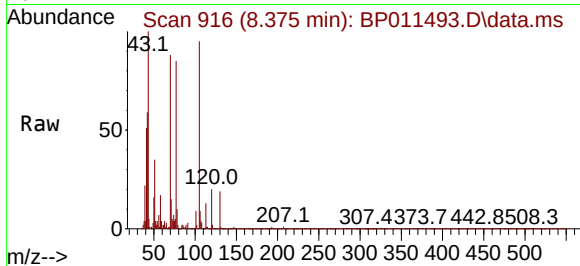




#17
N-Nitroso-di-n-propylamine
Concen: 17.466 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP011493.D
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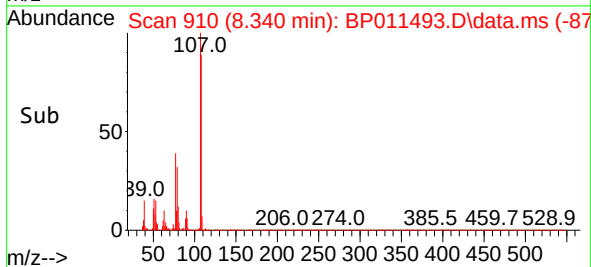
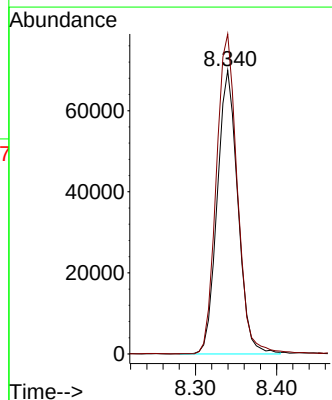
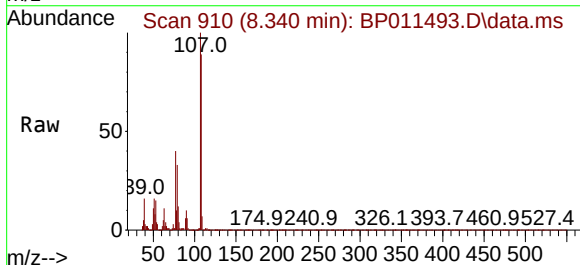
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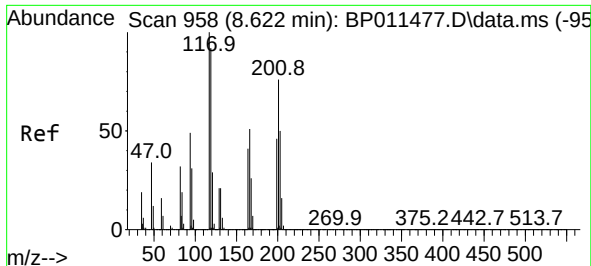
Tgt Ion:	70	Resp:	99310
Ion	Ratio	Lower	Upper
70	100		
42	67.1	57.0	85.4
101	10.4	7.6	11.4
130	21.1	15.2	22.8



#18
4-Methylphenol
Concen: 17.139 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:	108	Resp:	123324
Ion	Ratio	Lower	Upper
108	100		
107	112.9	87.7	131.5

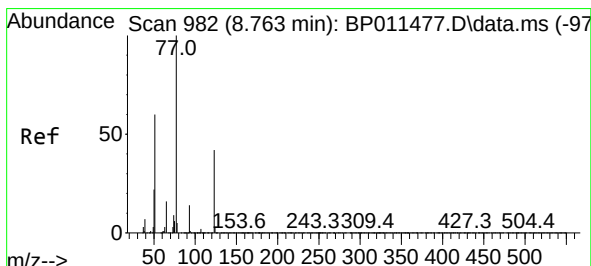
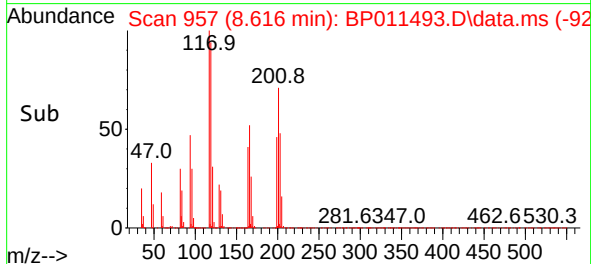
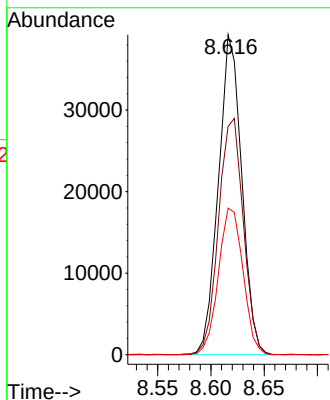
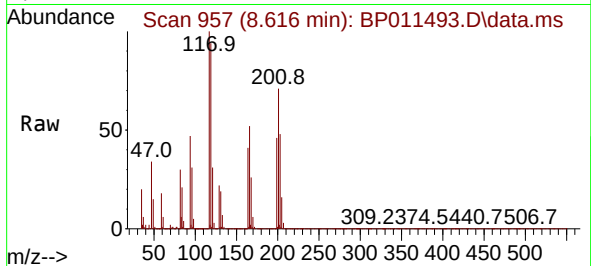




#19
Hexachloroethane
Concen: 19.360 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

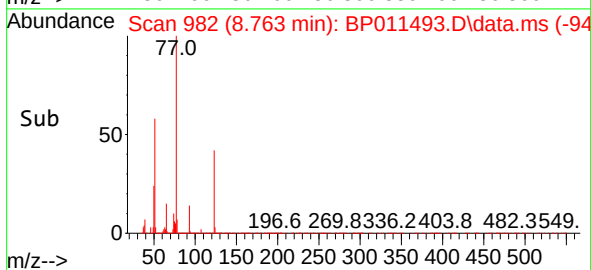
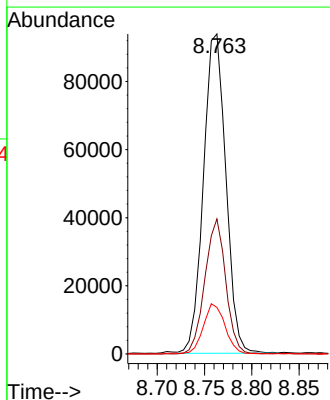
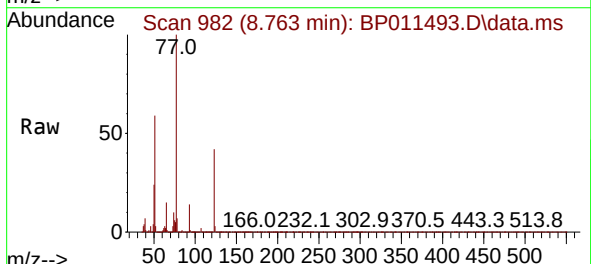
Instrument :
BNA_P
ClientSampleId :

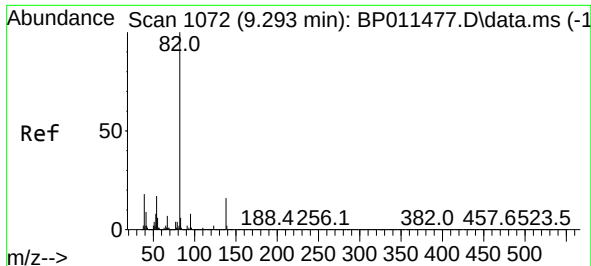
Tgt Ion:117 Resp: 59670
Ion Ratio Lower Upper
117 100
201 71.4 64.2 96.4
199 45.8 41.0 61.6



#22
Nitrobenzene
Concen: 19.888 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion: 77 Resp: 154464
Ion Ratio Lower Upper
77 100
123 42.2 30.4 45.6
65 14.5 11.5 17.3

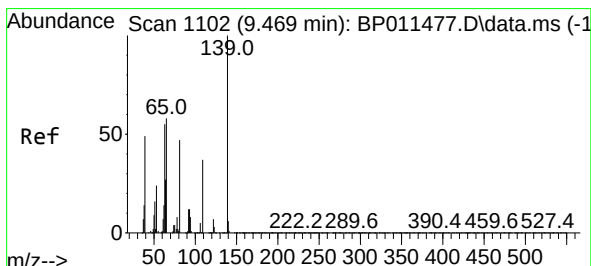
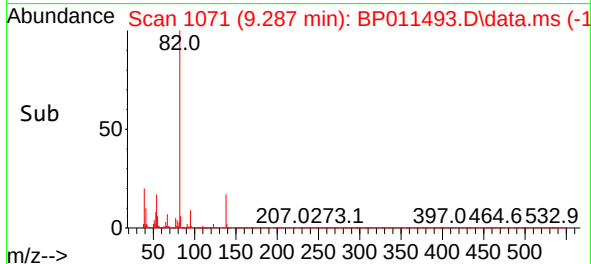
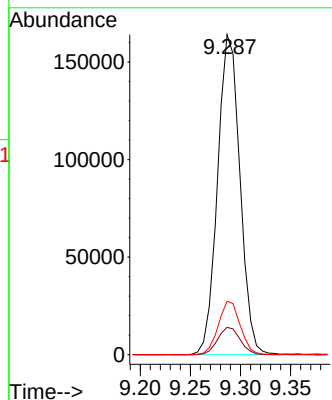
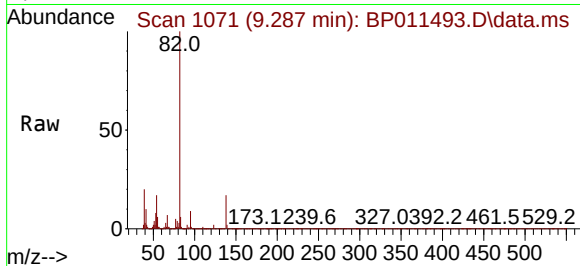




#23
Isophorone
Concen: 18.644 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

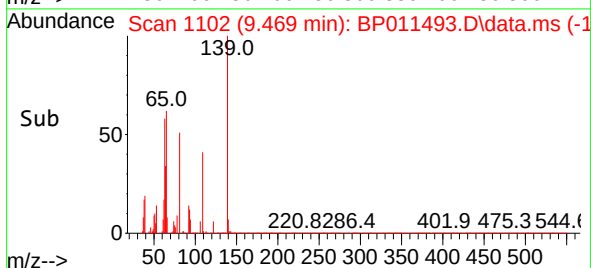
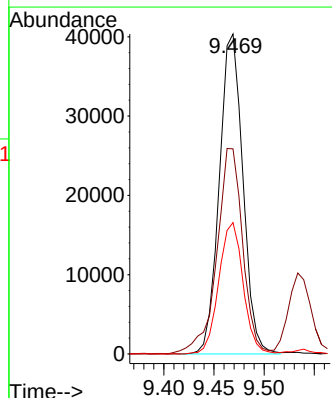
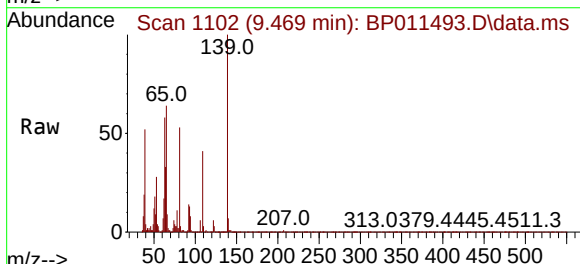
Instrument :
BNA_P
ClientSampleId :

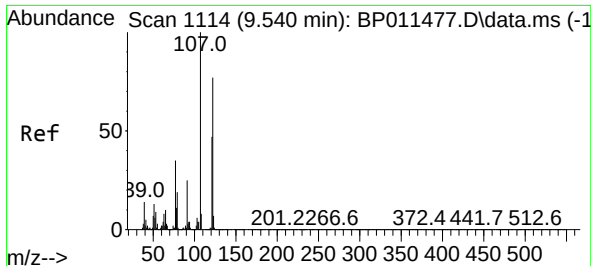
Tgt Ion: 82 Resp: 254183
Ion Ratio Lower Upper
82 100
95 8.6 7.1 10.7
138 16.7 12.6 19.0



#25
2-Nitrophenol
Concen: 20.582 ng/ul
RT: 9.469 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:139 Resp: 65853
Ion Ratio Lower Upper
139 100
65 64.1 50.4 75.6
109 41.1 35.5 53.3

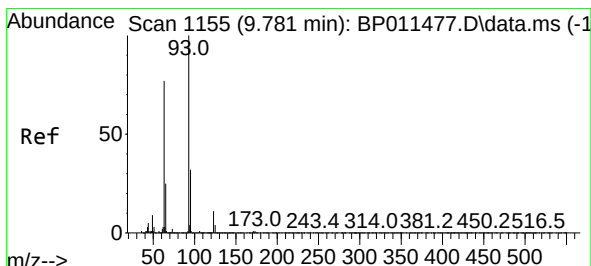
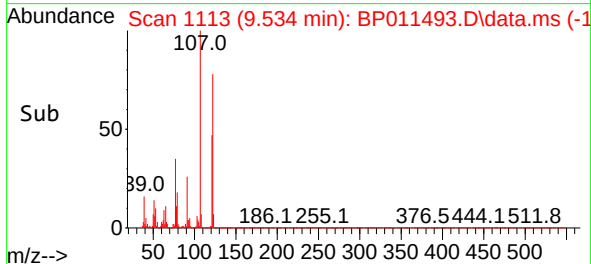
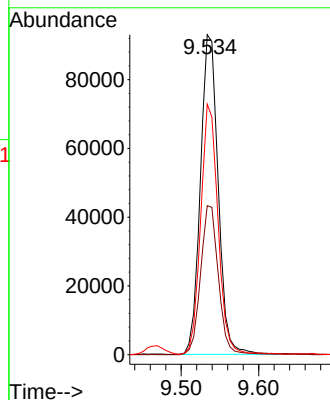
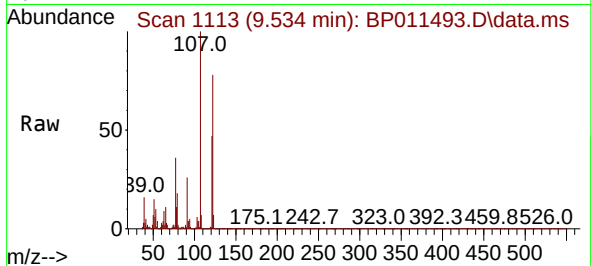




#26
2,4-Dimethylphenol
Concen: 19.483 ng/ul
RT: 9.534 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

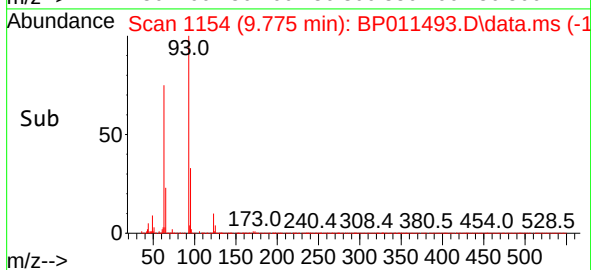
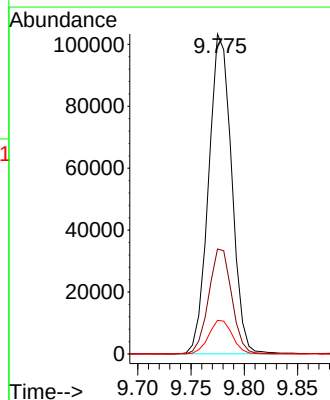
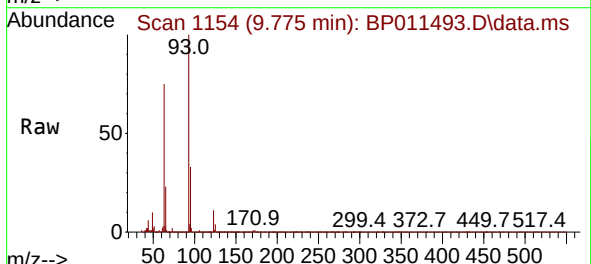
Instrument :
BNA_P
ClientSampleId :

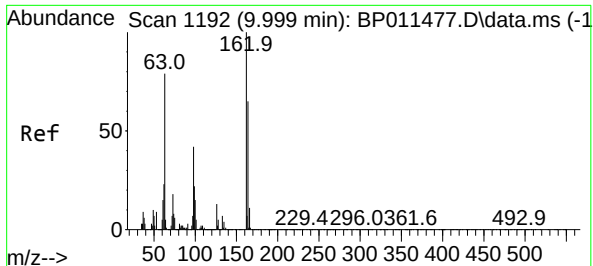
Tgt Ion:107 Resp: 148010
Ion Ratio Lower Upper
107 100
121 46.6 36.6 55.0
122 78.3 58.7 88.1



#27
Bis(2-Chloroethoxy)methane
Concen: 18.836 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion: 93 Resp: 155228
Ion Ratio Lower Upper
93 100
95 32.8 24.8 37.2
123 10.5 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 19.626 ng/ul

RT: 9.998 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

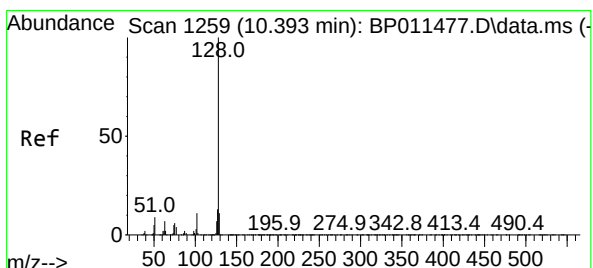
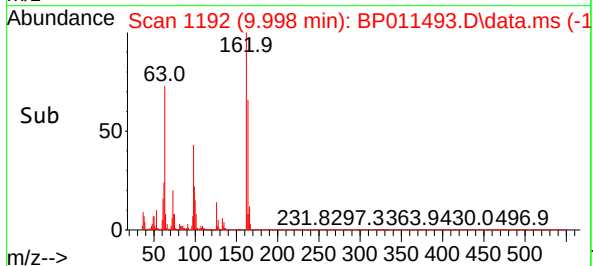
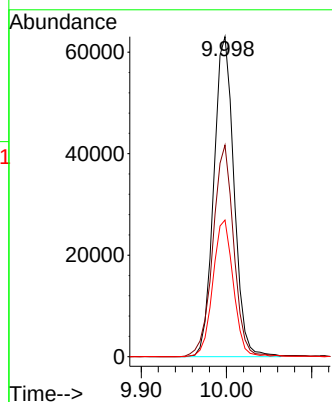
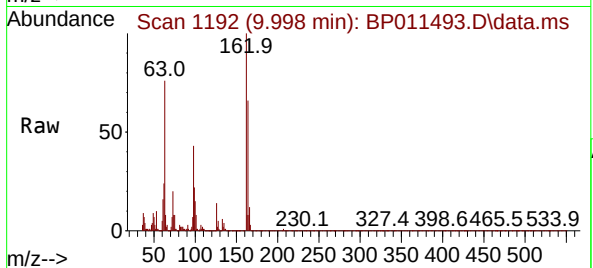
Tgt Ion:162 Resp: 103968

Ion Ratio Lower Upper

162 100

164 66.1 50.2 75.2

98 42.7 32.9 49.3



#30

Naphthalene

Concen: 19.370 ng/ul

RT: 10.392 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

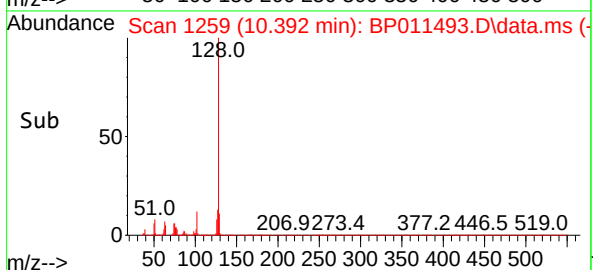
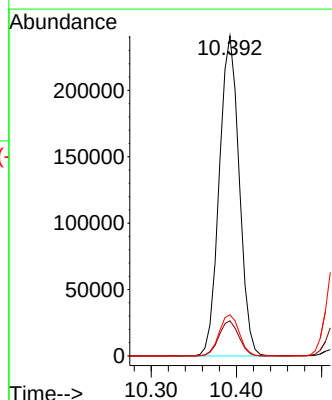
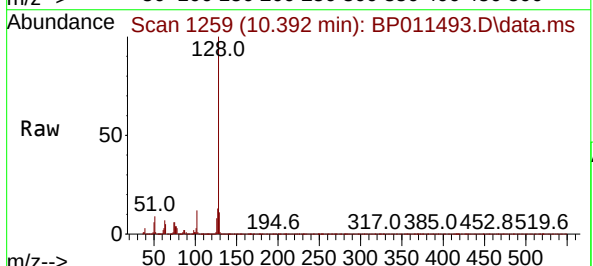
Tgt Ion:128 Resp: 391443

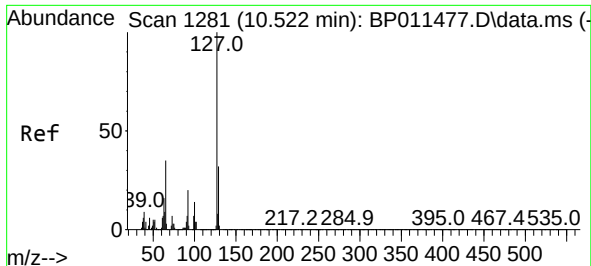
Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 12.8 10.3 15.5

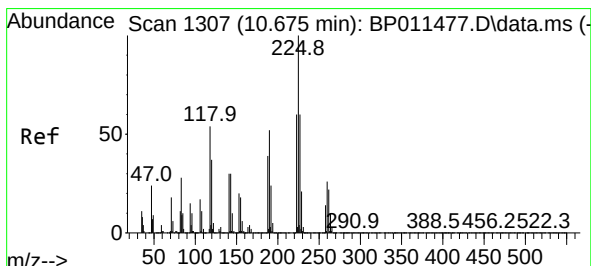
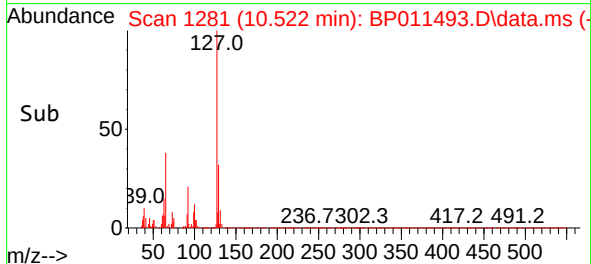
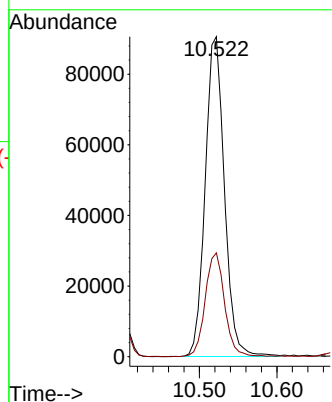
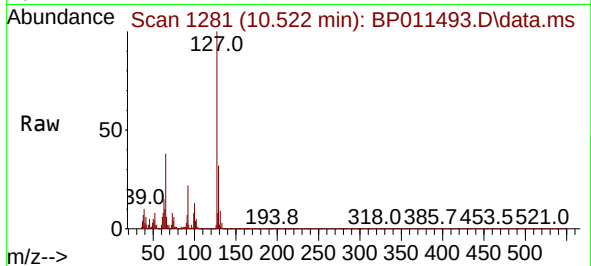




#32
4-Chloroaniline
Concen: 17.503 ng/ul
RT: 10.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

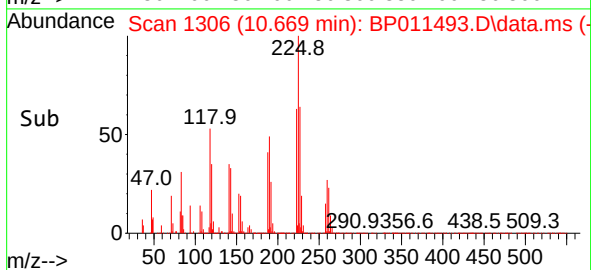
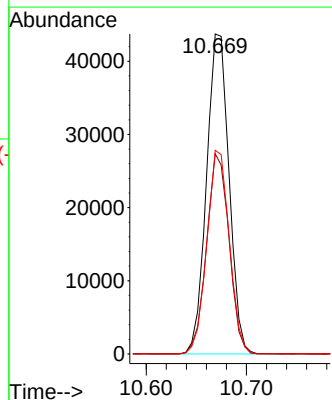
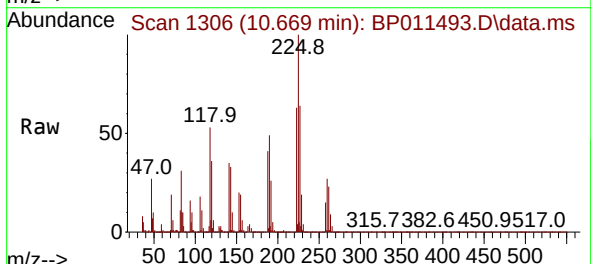
Instrument :
BNA_P
ClientSampleId :

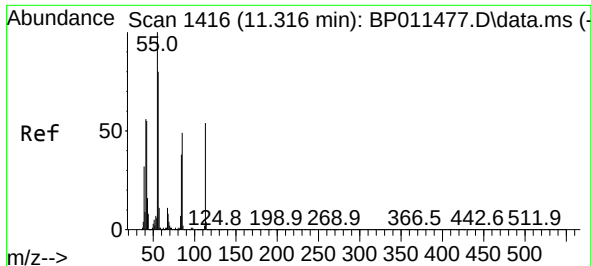
Tgt Ion:127 Resp: 156262
Ion Ratio Lower Upper
127 100
129 32.5 25.1 37.7



#33
Hexachlorobutadiene
Concen: 20.260 ng/ul
RT: 10.669 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:225 Resp: 68326
Ion Ratio Lower Upper
225 100
223 62.6 47.8 71.8
227 63.7 50.0 75.0

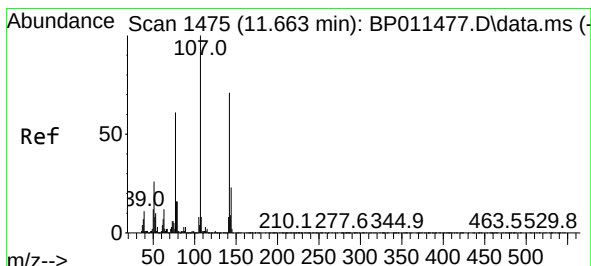
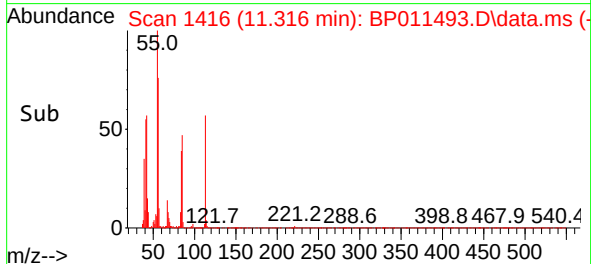
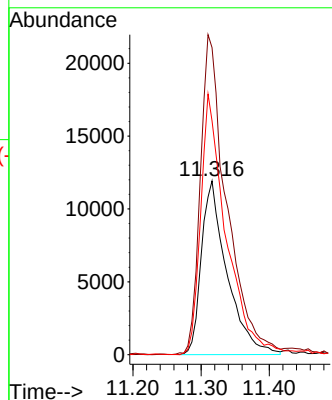
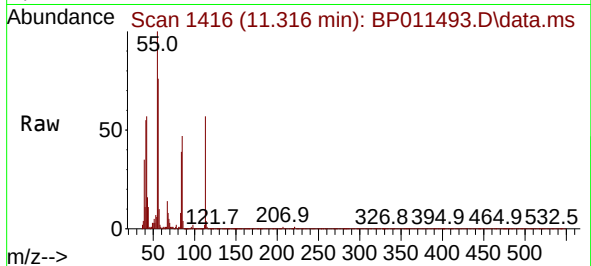




#34
 Caprolactam
 Concen: 16.239 ng/ul
 RT: 11.316 min Scan# 1416
 Delta R.T. -0.006 min
 Lab File: BP011493.D
 Acq: 18 Aug 2022 21:32

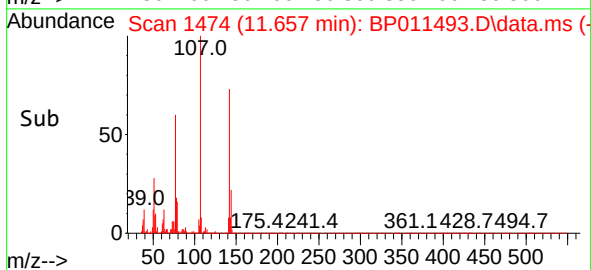
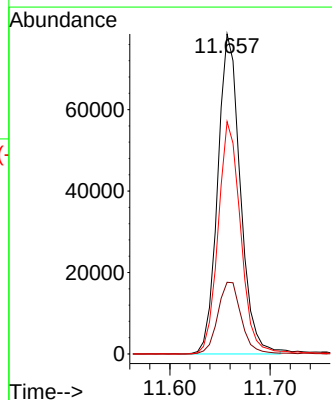
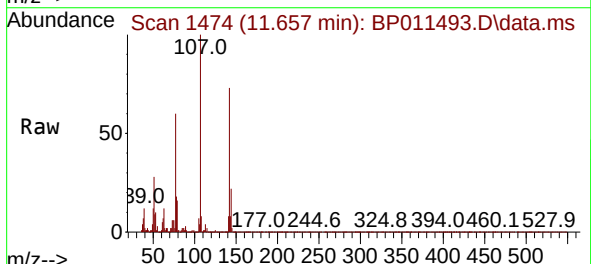
Instrument :
 BNA_P
 ClientSampleId :

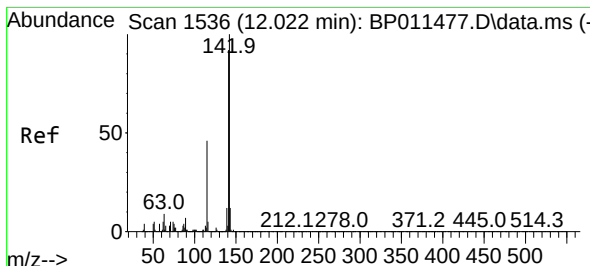
Tgt Ion:113 Resp: 31192
 Ion Ratio Lower Upper
 113 100
 55 176.7 153.4 230.2
 56 134.6 119.6 179.4



#35
 4-Chloro-3-methylphenol
 Concen: 18.328 ng/ul
 RT: 11.657 min Scan# 1474
 Delta R.T. -0.006 min
 Lab File: BP011493.D
 Acq: 18 Aug 2022 21:32

Tgt Ion:107 Resp: 122758
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.3 27.5
 142 72.6 55.8 83.8

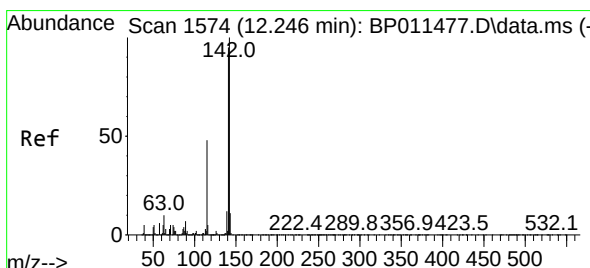
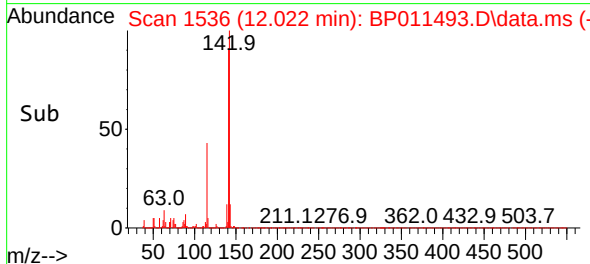
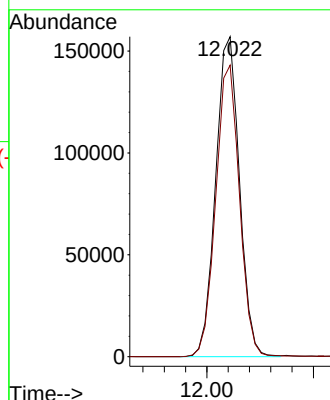
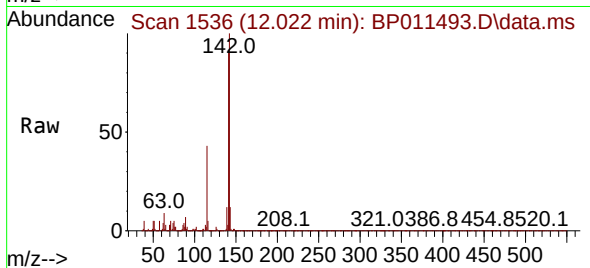




#36
2-Methylnaphthalene
Concen: 18.465 ng/ul
RT: 12.022 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

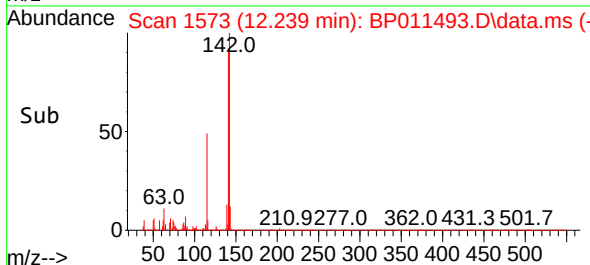
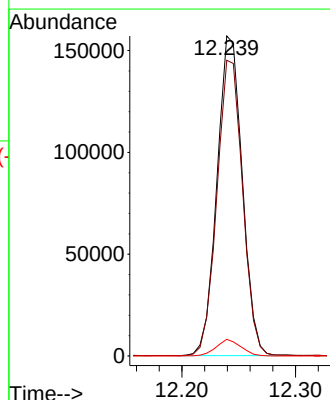
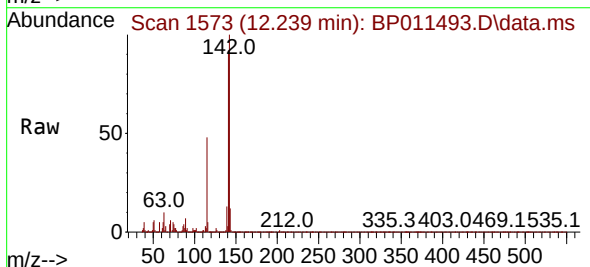
Instrument :
BNA_P
ClientSampleId :

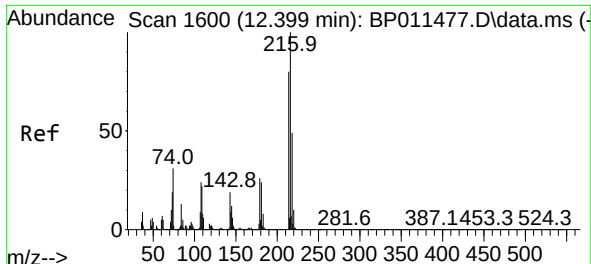
Tgt Ion:142 Resp: 242773
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0



#37
1-Methylnaphthalene
Concen: 18.224 ng/ul
RT: 12.239 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:142 Resp: 243025
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.6
116 5.2 4.0 6.0

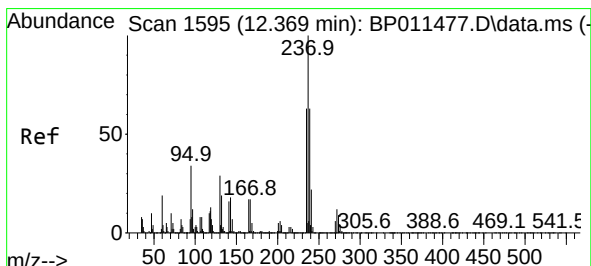
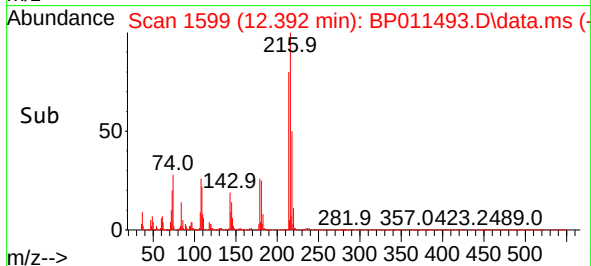
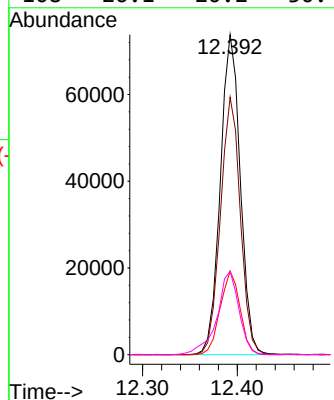
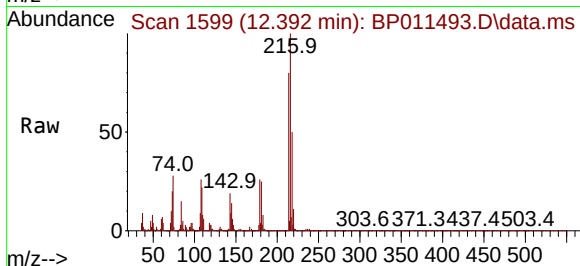




#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.424 ng/ul
RT: 12.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

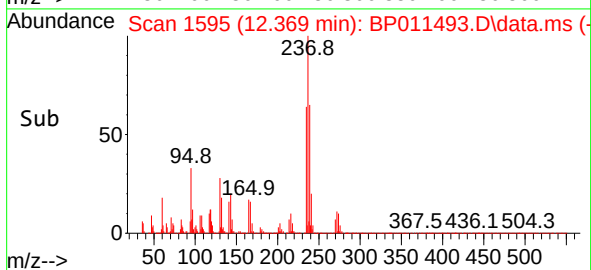
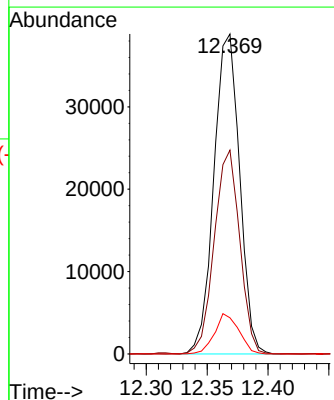
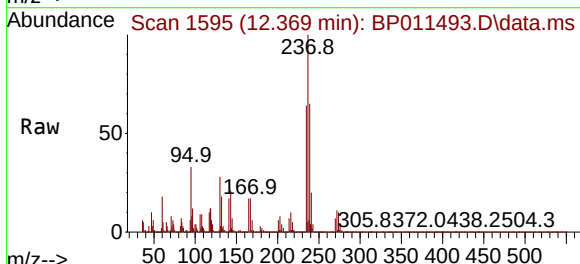
Instrument :
BNA_P
ClientSampleId :

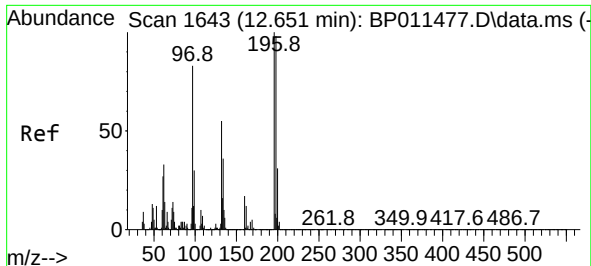
Tgt Ion:	216	Resp:	108153
Ion Ratio	Lower	Upper	
216	100		
214	80.4	60.4	90.6
179	26.1	20.0	30.0
108	26.1	20.2	30.4



#40
Hexachlorocyclopentadiene
Concen: 17.407 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:	237	Resp:	57187
Ion Ratio	Lower	Upper	
237	100		
235	63.7	50.9	76.3
272	11.3	11.0	16.4

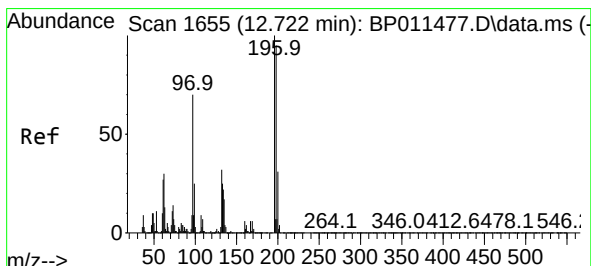
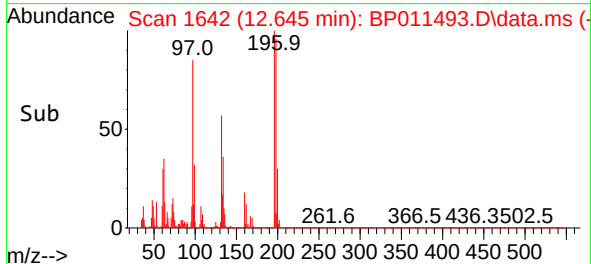
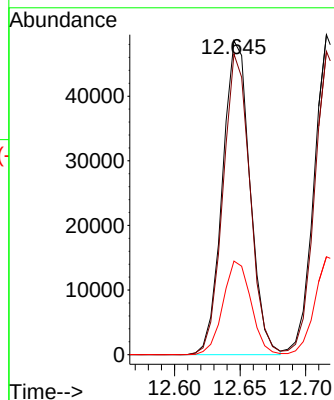
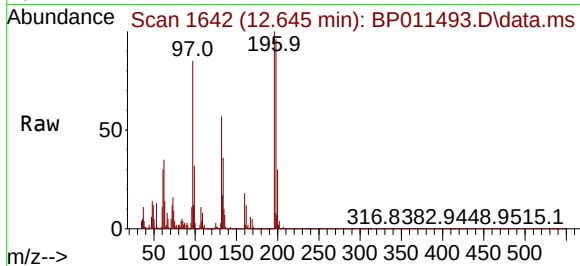




#41
2,4,6-Trichlorophenol
Concen: 20.836 ng/ul
RT: 12.645 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

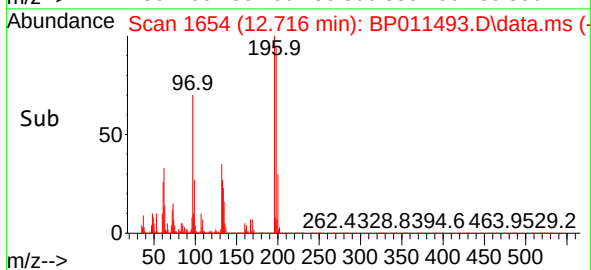
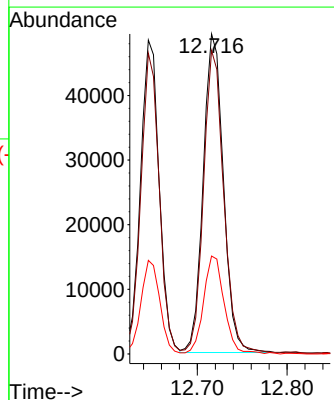
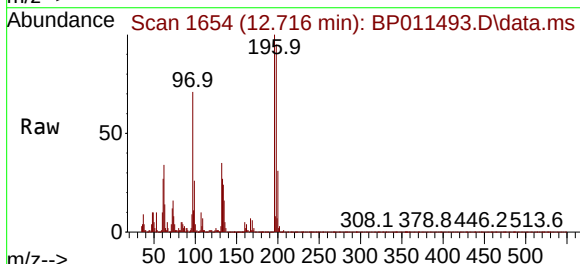
Instrument :
BNA_P
ClientSampleId :

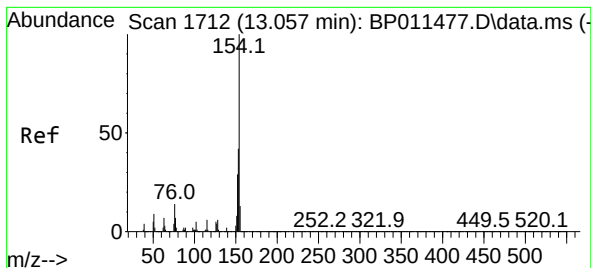
Tgt Ion:196 Resp: 71014
Ion Ratio Lower Upper
196 100
198 95.8 75.6 113.4
200 29.8 23.1 34.7



#42
2,4,5-Trichlorophenol
Concen: 20.327 ng/ul
RT: 12.716 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:196 Resp: 77117
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
200 30.6 23.8 35.6





#43

1,1'-Biphenyl

Concen: 19.817 ng/ul

RT: 13.057 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

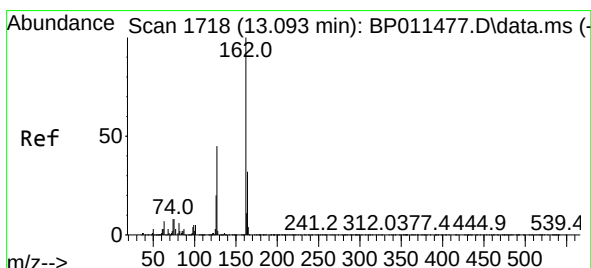
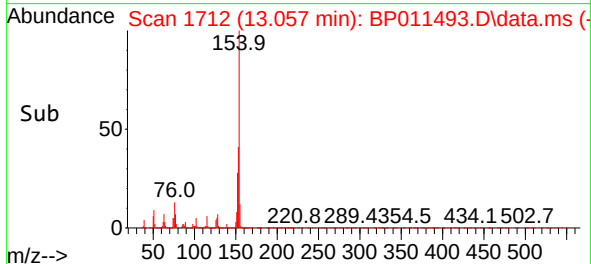
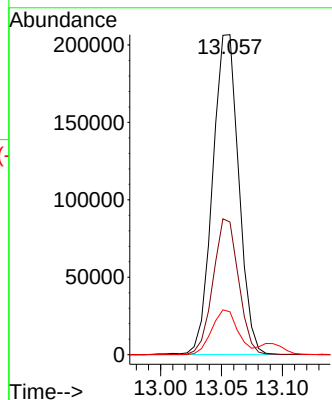
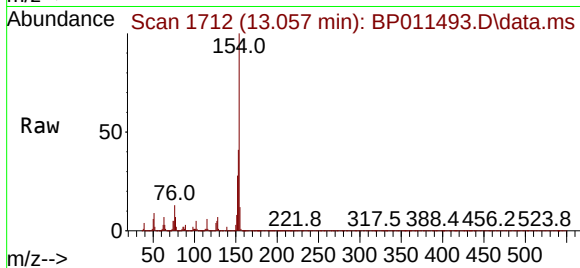
Tgt Ion:154 Resp: 308070

Ion Ratio Lower Upper

154 100

153 41.5 32.2 48.4

76 13.4 11.6 17.4



#44

2-Chloronaphthalene

Concen: 20.071 ng/ul

RT: 13.092 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

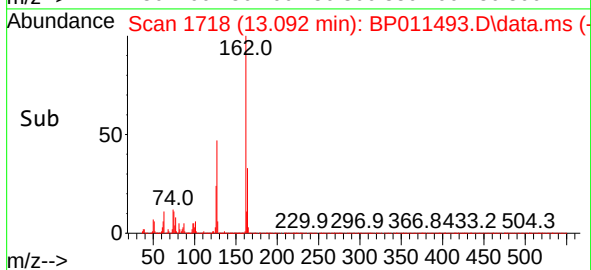
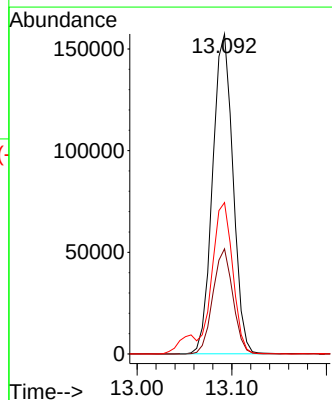
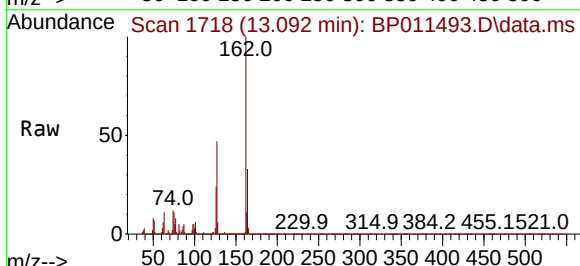
Tgt Ion:162 Resp: 235125

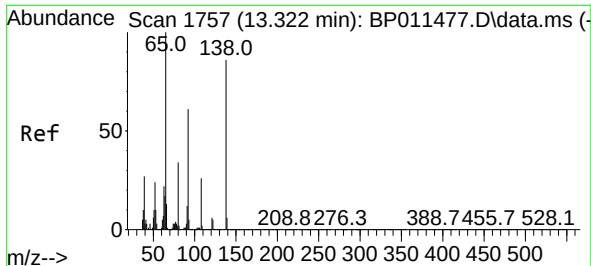
Ion Ratio Lower Upper

162 100

164 32.8 26.4 39.6

127 47.3 37.4 56.2

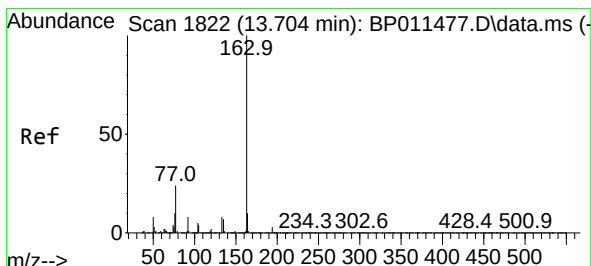
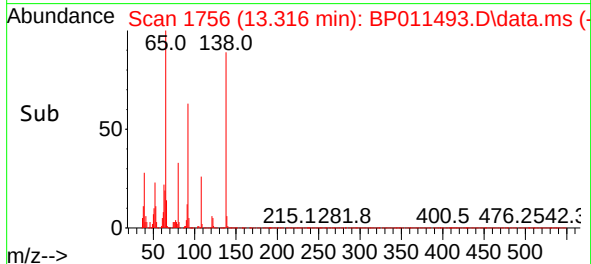
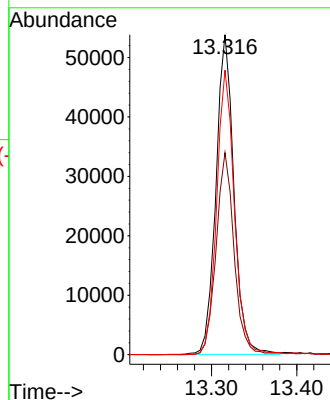
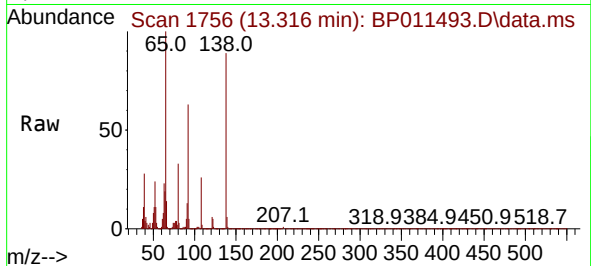




#45
2-Nitroaniline
Concen: 19.723 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

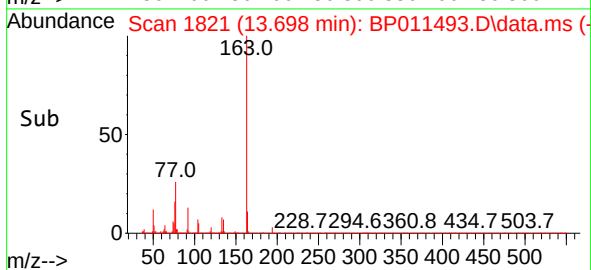
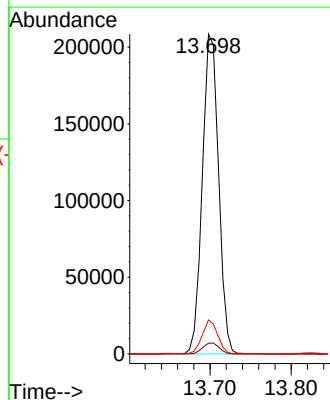
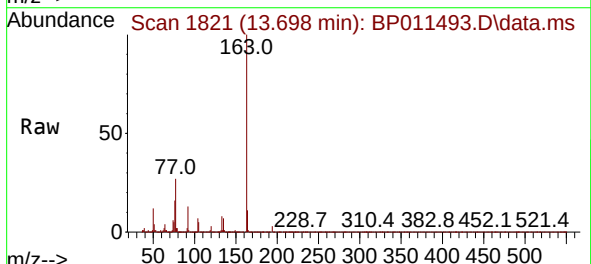
Instrument :
BNA_P
ClientSampleId :

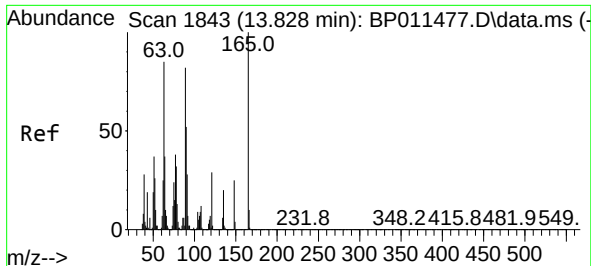
Tgt Ion: 65 Resp: 78855
Ion Ratio Lower Upper
65 100
92 63.1 50.8 76.2
138 88.9 66.7 100.1



#47
Dimethylphthalate
Concen: 19.005 ng/ul
RT: 13.698 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

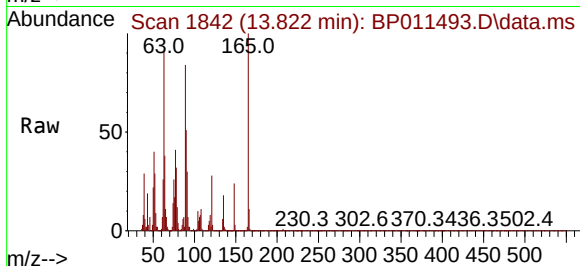
Tgt Ion: 163 Resp: 289849
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.7 8.3 12.5



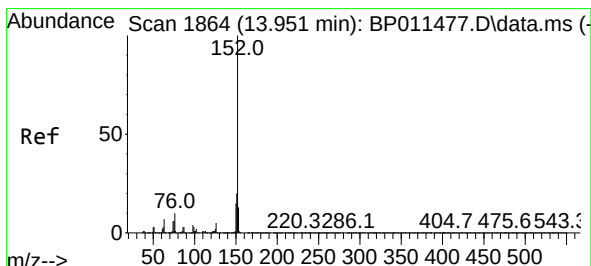
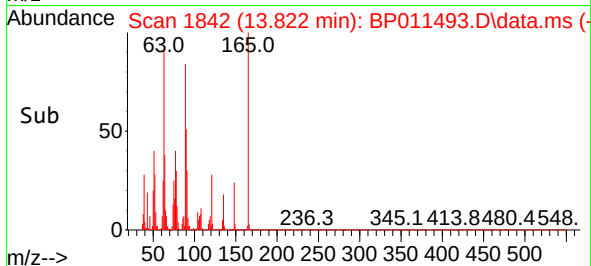
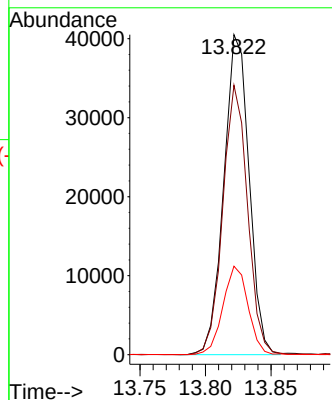


#48
2,6-Dinitrotoluene
Concen: 19.811 ng/ul
RT: 13.822 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Instrument :
BNA_P
ClientSampleId :

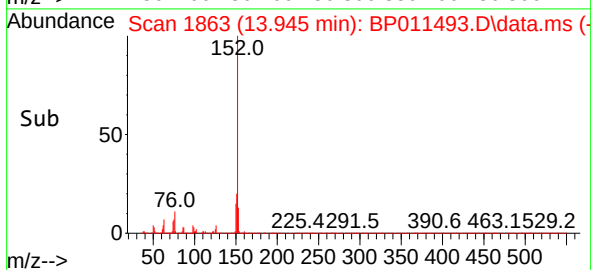
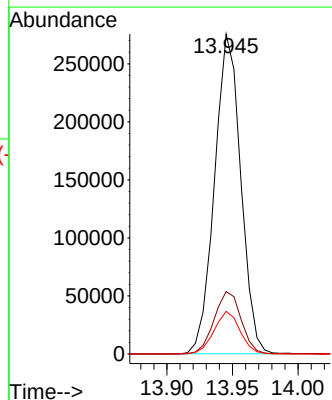
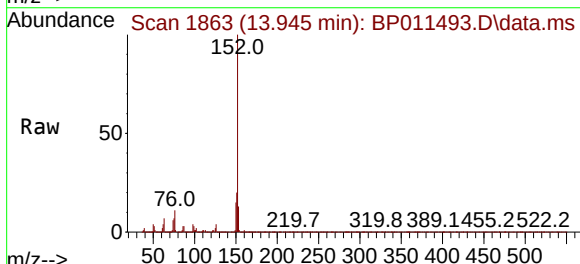


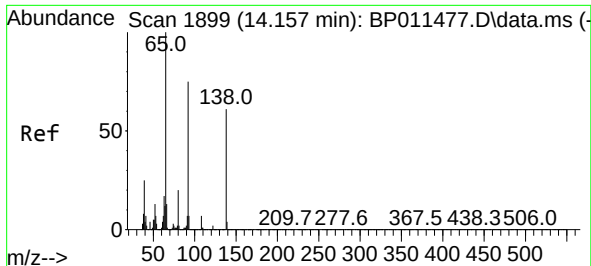
Tgt Ion:165 Resp: 54320
Ion Ratio Lower Upper
165 100
89 84.2 66.6 99.8
121 27.7 21.0 31.6



#50
Acenaphthylene
Concen: 19.644 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:152 Resp: 382749
Ion Ratio Lower Upper
152 100
151 19.5 16.9 25.3
153 13.3 10.6 15.8

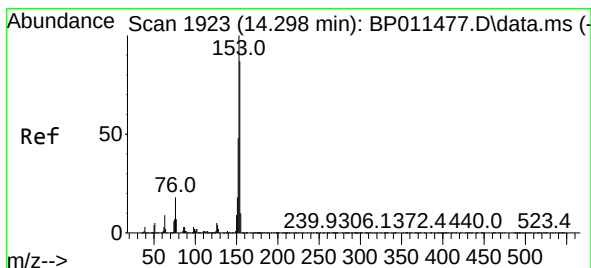
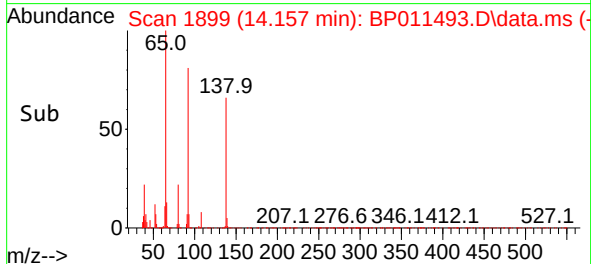
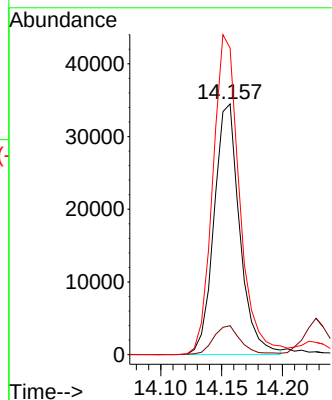
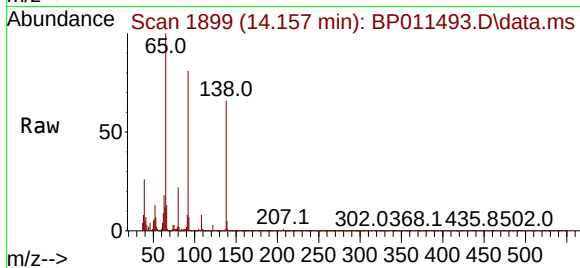




#51
3-Nitroaniline
Concen: 16.920 ng/ul
RT: 14.157 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

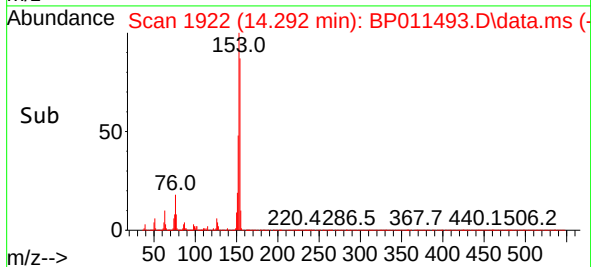
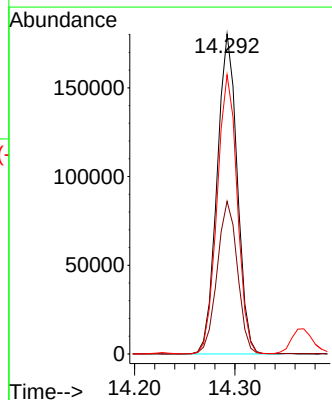
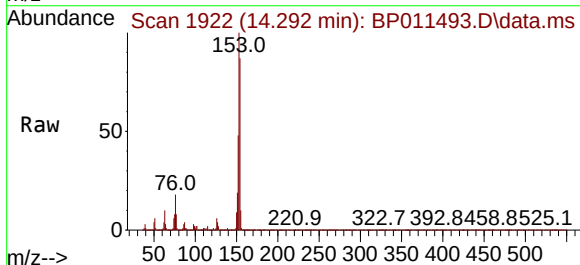
Instrument :
BNA_P
ClientSampleId :

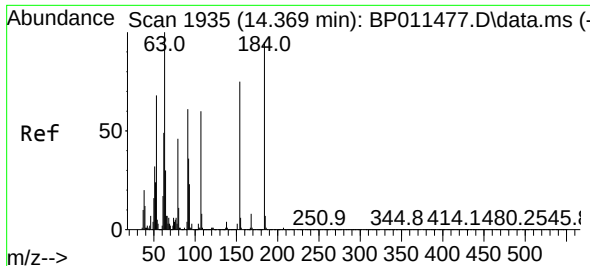
Tgt Ion:138 Resp: 50535
Ion Ratio Lower Upper
138 100
108 11.6 8.6 13.0
92 122.3 104.2 156.2



#52
Acenaphthene
Concen: 19.257 ng/ul
RT: 14.292 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:153 Resp: 251312
Ion Ratio Lower Upper
153 100
152 47.7 37.7 56.5
154 87.3 69.4 104.0

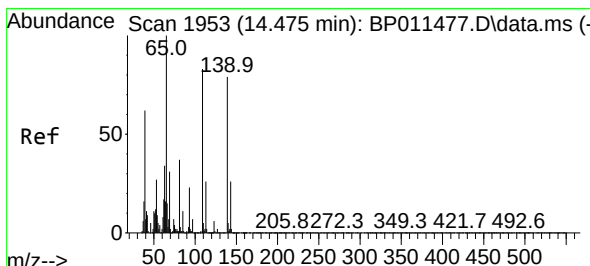
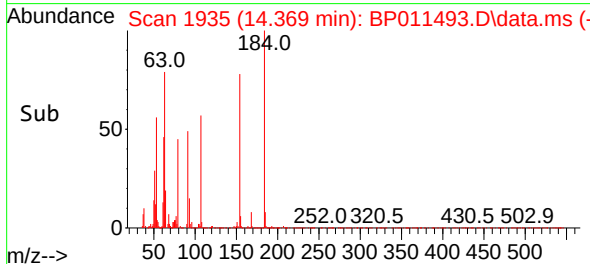
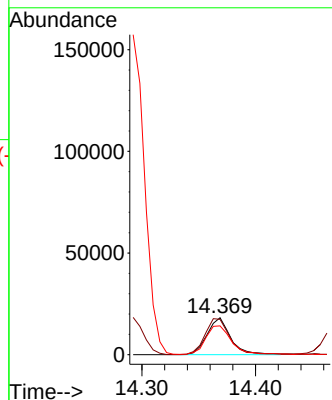
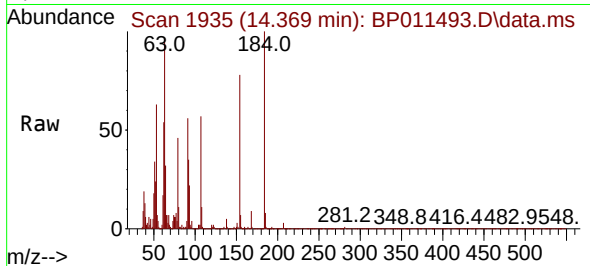




#53
2,4-Dinitrophenol
Concen: 15.400 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

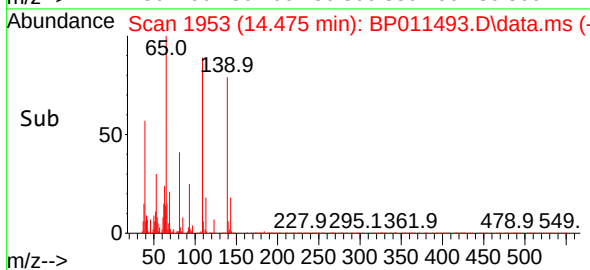
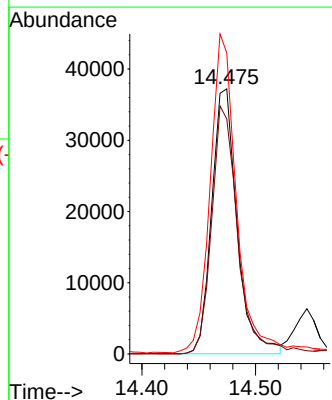
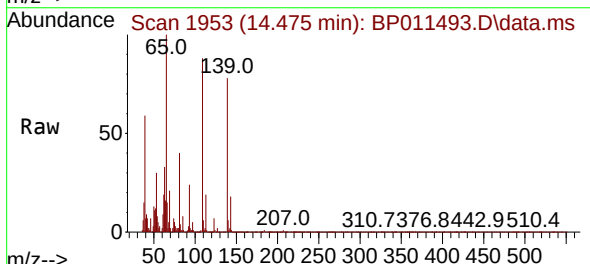
Instrument :
BNA_P
ClientSampleId :

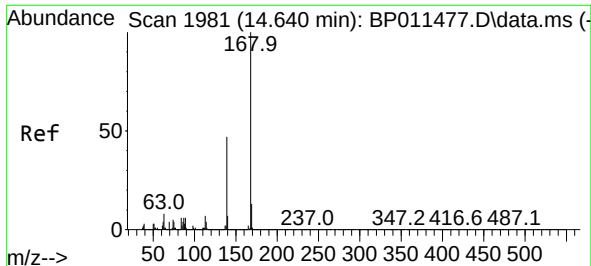
Tgt Ion:184 Resp: 25845
Ion Ratio Lower Upper
184 100
63 95.8 82.5 123.7
154 77.9 66.6 100.0



#55
4-Nitrophenol
Concen: 17.114 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:109 Resp: 57973
Ion Ratio Lower Upper
109 100
139 88.7 76.0 114.0
65 113.6 98.8 148.2

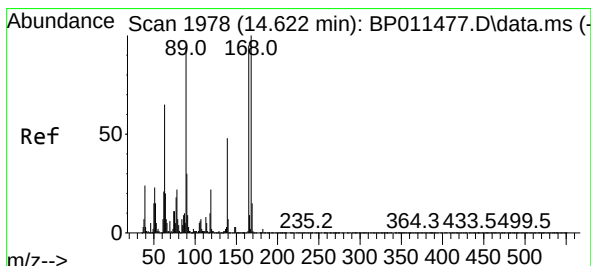
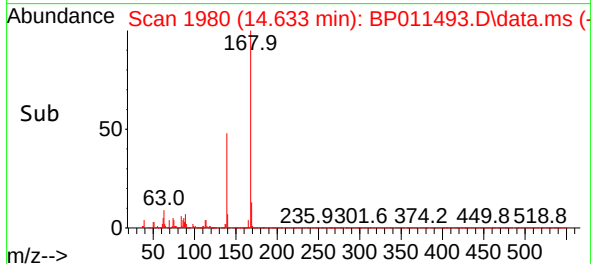
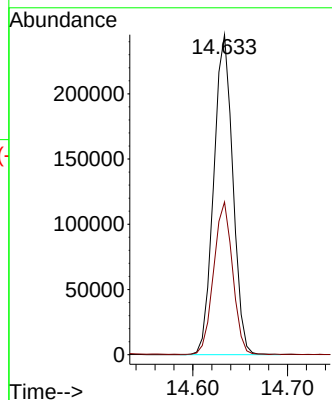
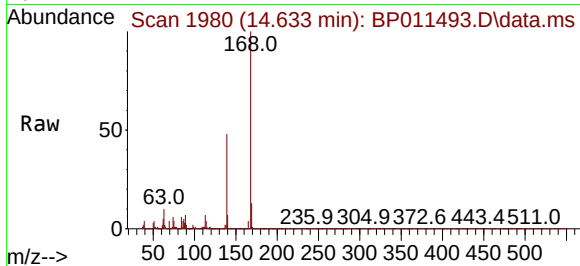




#56
Dibenzofuran
Concen: 19.125 ng/ul
RT: 14.633 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

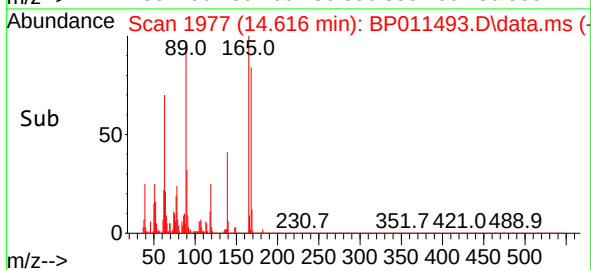
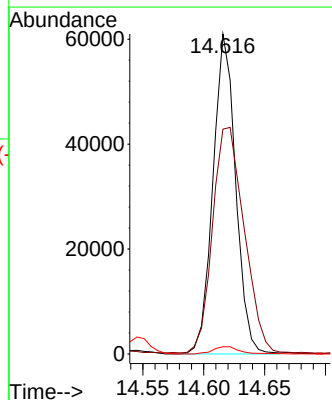
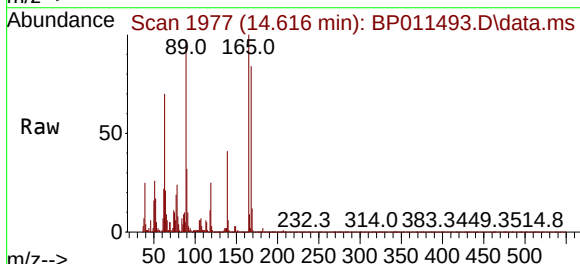
Instrument :
BNA_P
ClientSampleId :

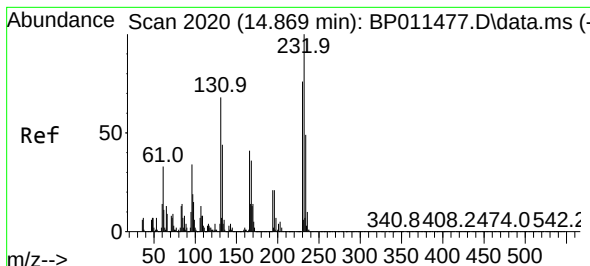
Tgt Ion:168 Resp: 344178
Ion Ratio Lower Upper
168 100
139 47.7 38.4 57.6



#57
2,4-Dinitrotoluene
Concen: 19.249 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:165 Resp: 79013
Ion Ratio Lower Upper
165 100
63 70.2 60.2 90.2
182 2.2 1.8 2.8

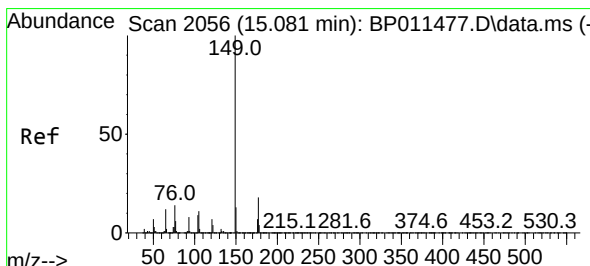
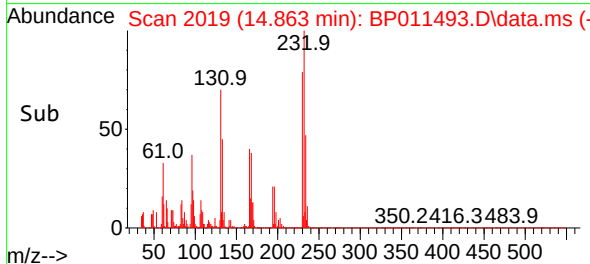
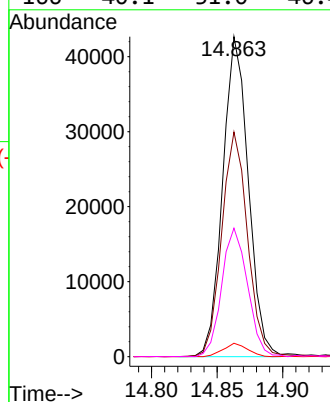
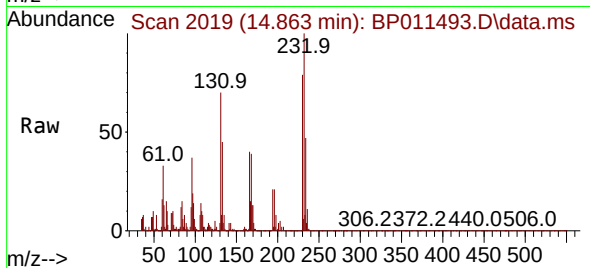




#58
2,3,4,6-Tetrachlorophenol
Concen: 19.417 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

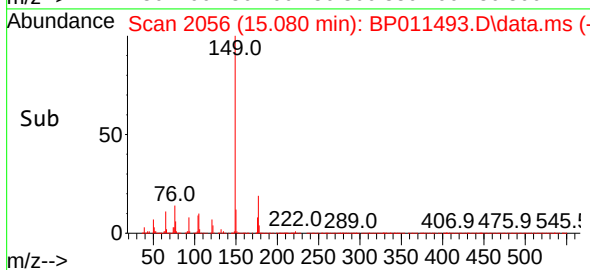
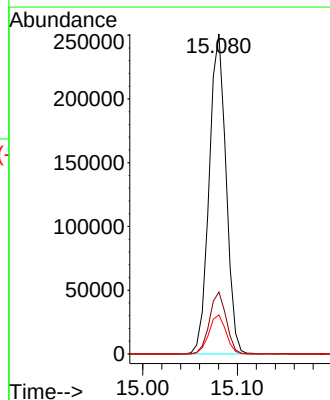
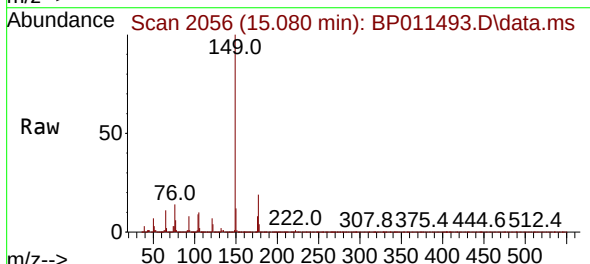
Instrument :
BNA_P
ClientSampleId :

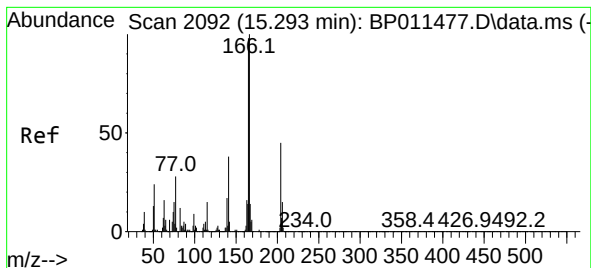
Tgt Ion:232	Resp:	57835
Ion Ratio	Lower	Upper
232	100	
131	70.2	55.4 83.0
130	4.2	3.6 5.4
166	40.1	31.0 46.4



#59
Diethylphthalate
Concen: 18.566 ng/ul
RT: 15.080 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:149	Resp:	310127
Ion Ratio	Lower	Upper
149	100	
177	19.3	15.7 23.5
150	12.2	10.1 15.1





#61

Fluorene

Concen: 18.678 ng/ul

RT: 15.286 min Scan# 2091

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

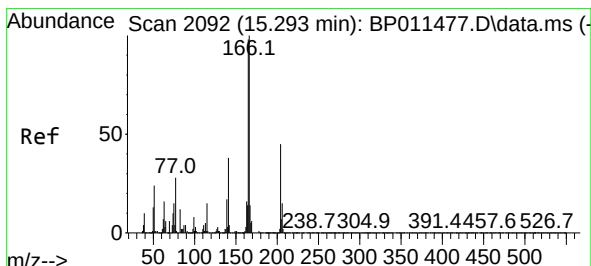
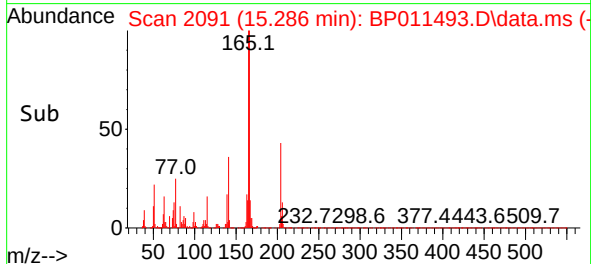
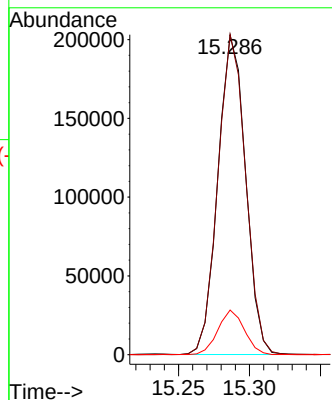
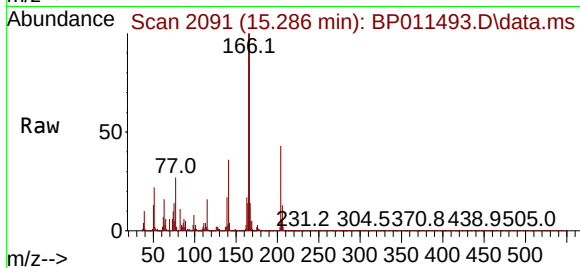
Tgt Ion:166 Resp: 274988

Ion Ratio Lower Upper

166 100

165 100.1 78.2 117.2

167 14.0 10.3 15.5



#62

4-Chlorophenyl-phenylether

Concen: 18.943 ng/ul

RT: 15.292 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

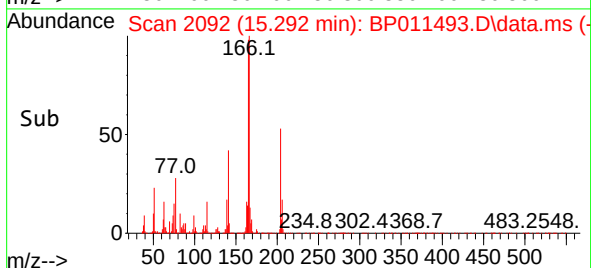
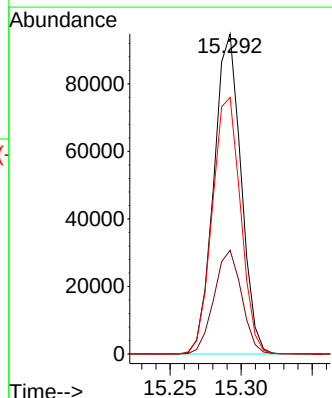
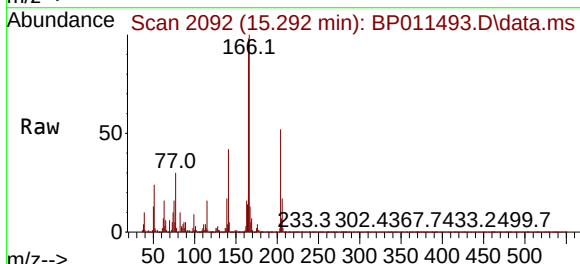
Tgt Ion:204 Resp: 125989

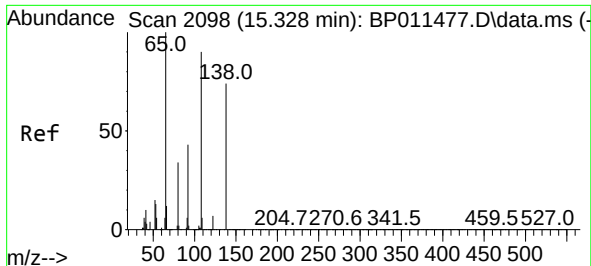
Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

141 80.1 66.5 99.7

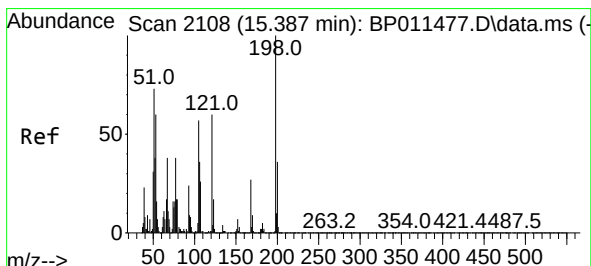
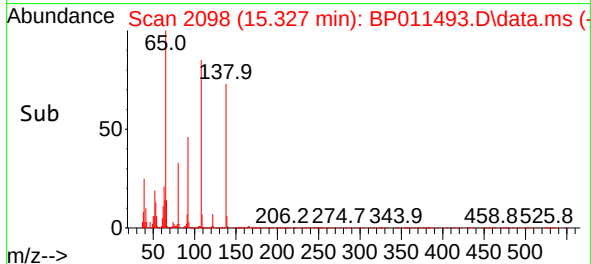
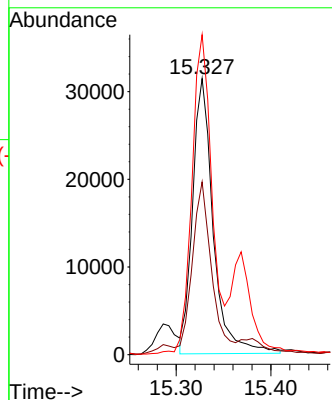
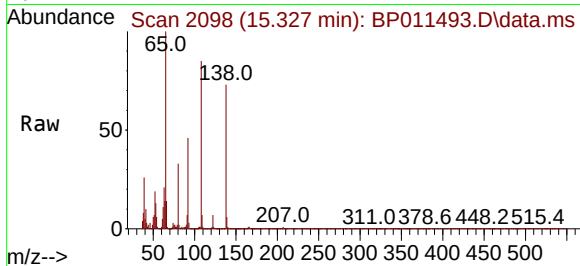




#63
4-Nitroaniline
Concen: 16.477 ng/ul
RT: 15.327 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

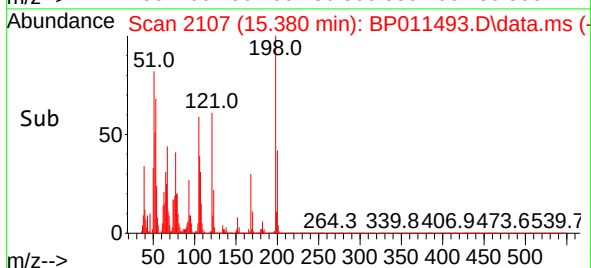
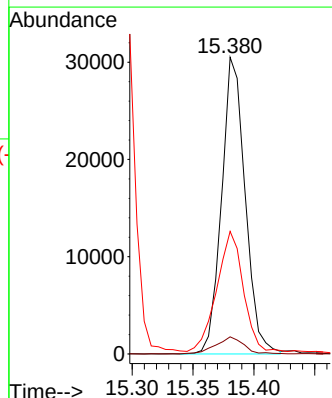
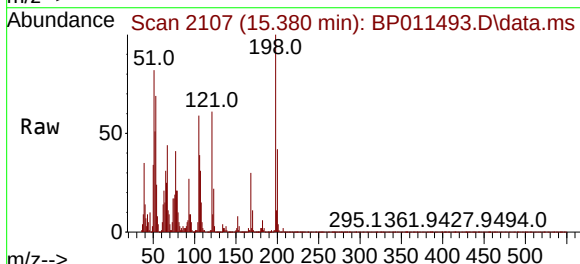
Instrument :
BNA_P
ClientSampleId :

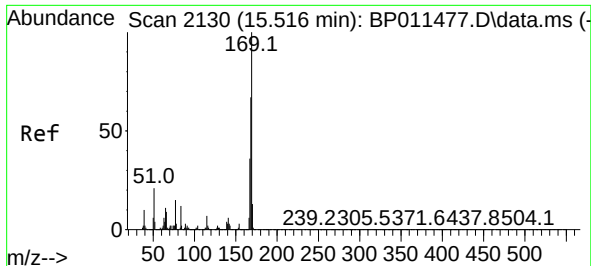
Tgt Ion:138 Resp: 47534
Ion Ratio Lower Upper
138 100
92 62.5 49.5 74.3
108 115.8 93.7 140.5



#66
4,6-Dinitro-2-methylphenol
Concen: 18.546 ng/ul
RT: 15.380 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:198 Resp: 41126
Ion Ratio Lower Upper
198 100
182 5.7 3.9 5.9
77 41.3 30.1 45.1

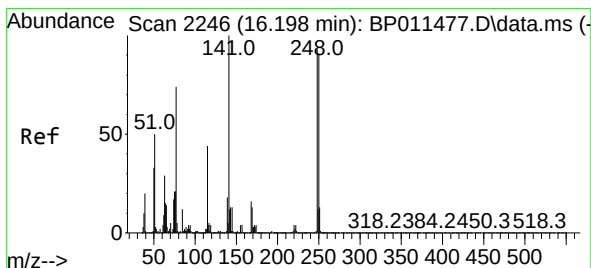
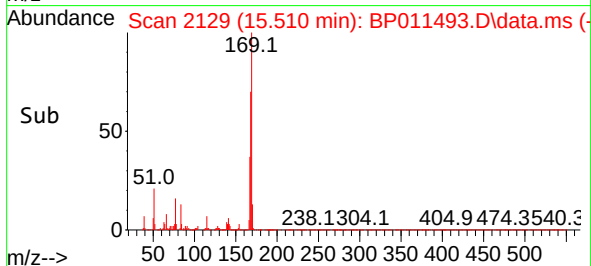
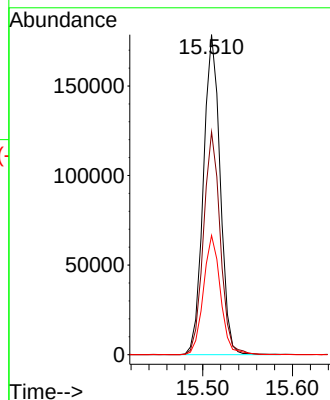
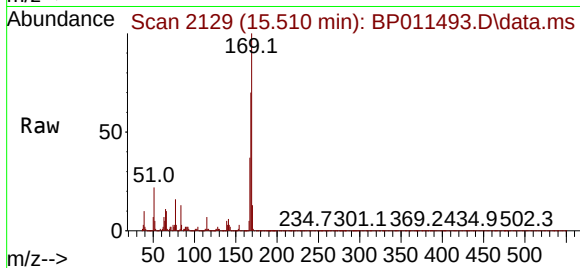




#67
N-Nitrosodiphenylamine
Concen: 19.936 ng/ul
RT: 15.510 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

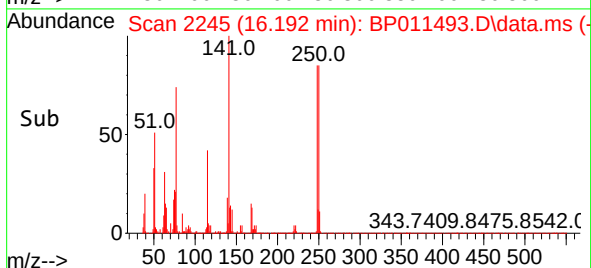
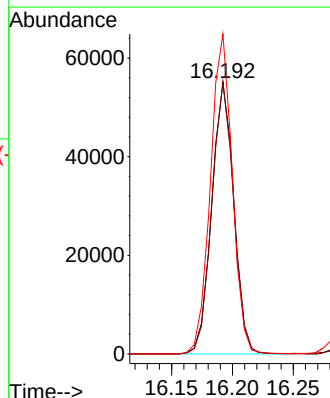
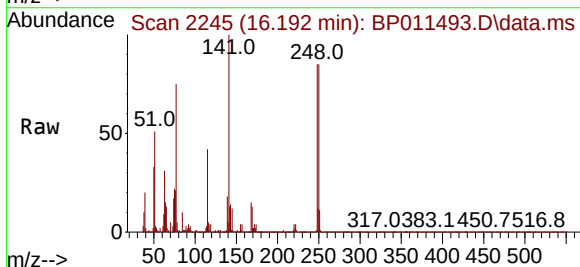
Instrument :
BNA_P
ClientSampleId :

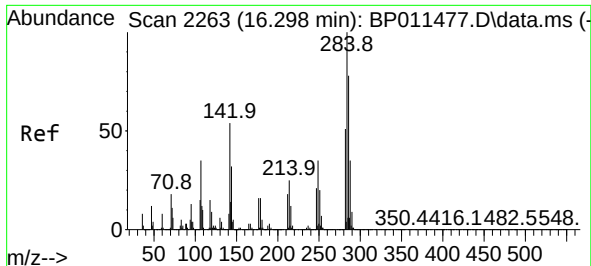
Tgt Ion:169 Resp: 232036
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 37.3 30.2 45.4



#68
4-Bromophenyl-phenylether
Concen: 19.571 ng/ul
RT: 16.192 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:248 Resp: 69311
Ion Ratio Lower Upper
248 100
250 100.6 82.8 124.2
141 118.2 90.8 136.2

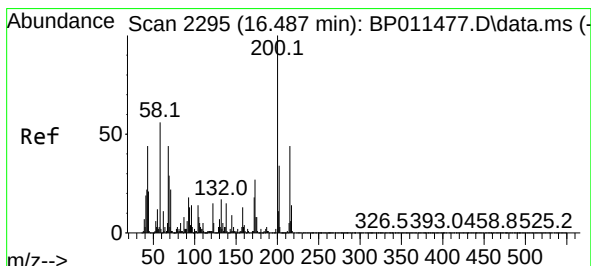
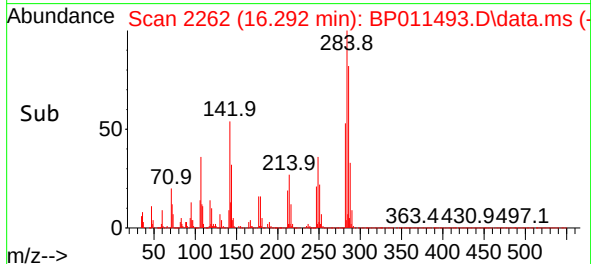
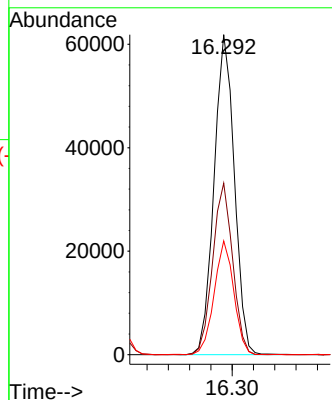
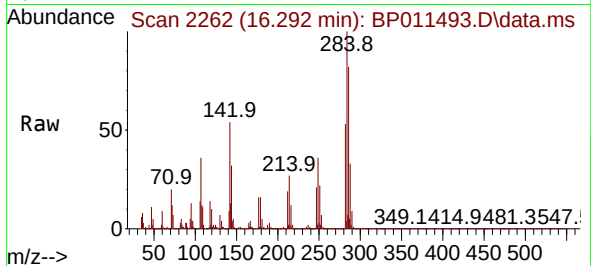




#69
Hexachlorobenzene
Concen: 20.003 ng/ul
RT: 16.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

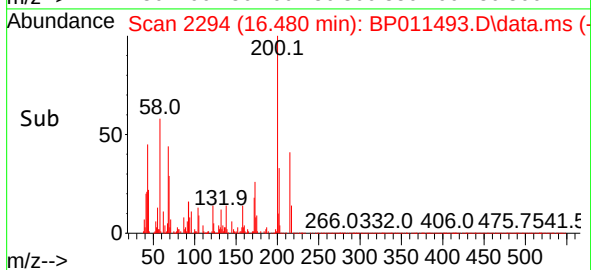
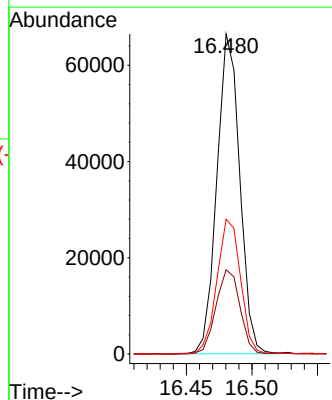
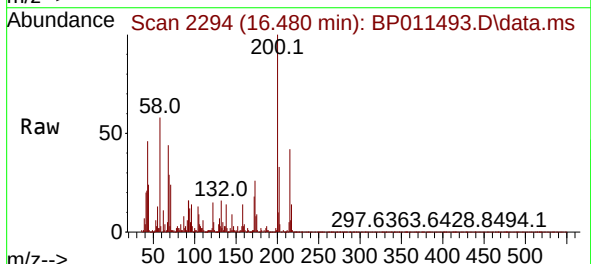
Instrument :
BNA_P
ClientSampleId :

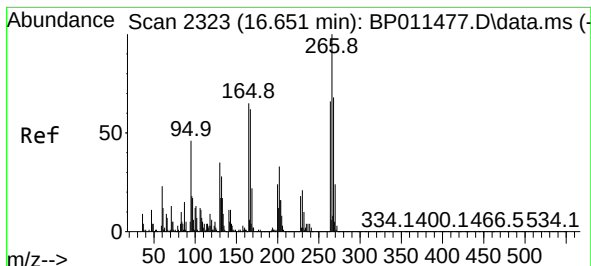
Tgt Ion:284 Resp: 81640
Ion Ratio Lower Upper
284 100
142 53.6 43.5 65.3
249 35.5 28.4 42.6



#70
Atrazine
Concen: 18.544 ng/ul
RT: 16.480 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:200 Resp: 80550
Ion Ratio Lower Upper
200 100
173 26.3 22.0 33.0
215 42.1 36.3 54.5





#71

Pentachlorophenol

Concen: 18.319 ng/ul

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011493.D

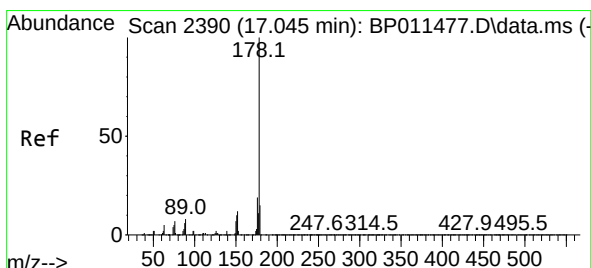
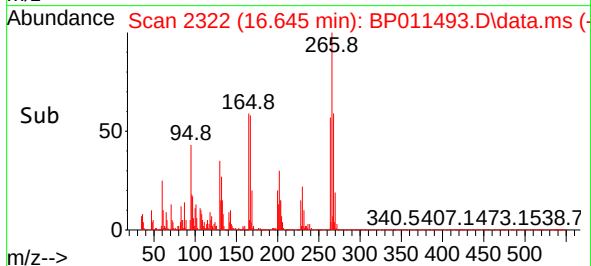
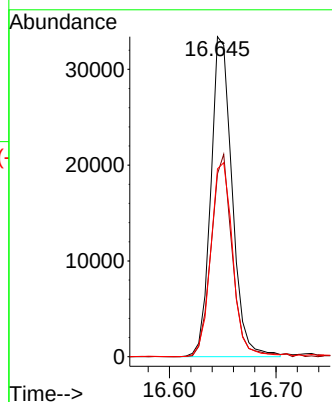
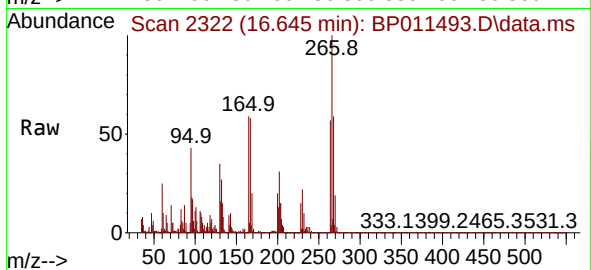
Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	266	Resp:	46360
Ion Ratio	Lower	Upper	
266	100		
264	57.2	50.6	76.0
268	58.7	51.3	76.9



#72

Phenanthrene

Concen: 19.256 ng/ul

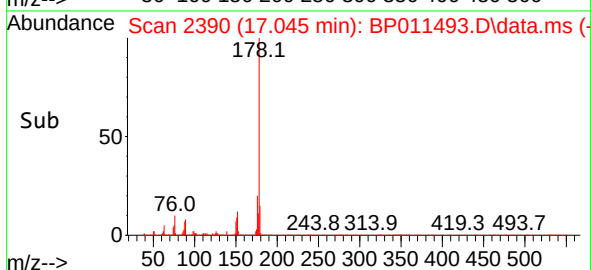
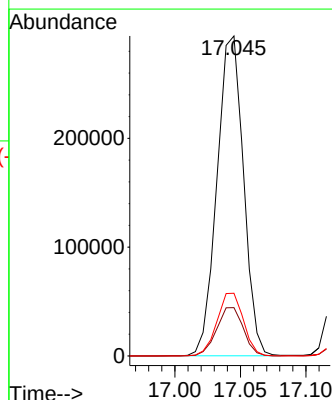
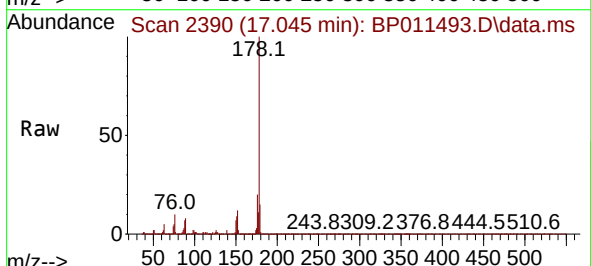
RT: 17.045 min Scan# 2390

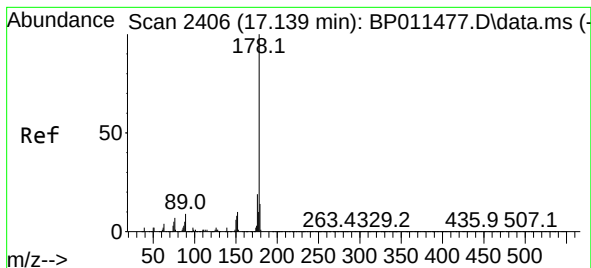
Delta R.T. -0.000 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Tgt Ion:	178	Resp:	413480
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	18.8
176	19.6	15.8	23.8





#74

Anthracene

Concen: 19.533 ng/u1

RT: 17.133 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

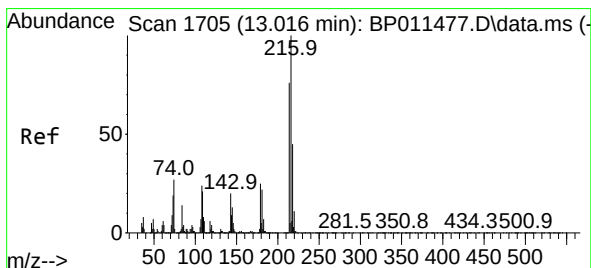
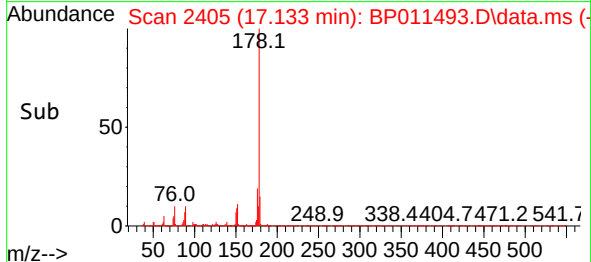
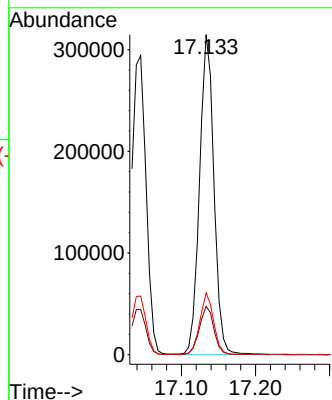
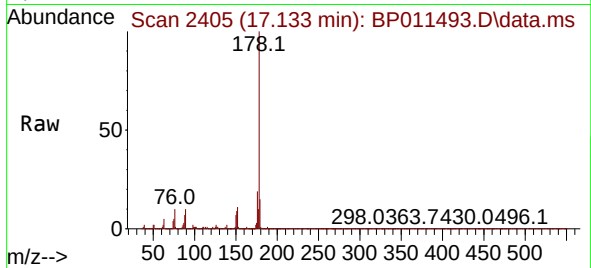
Tgt Ion:178 Resp: 423147

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.3 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.840 ng/uL

RT: 13.010 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

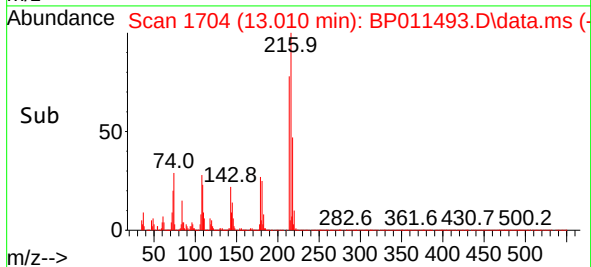
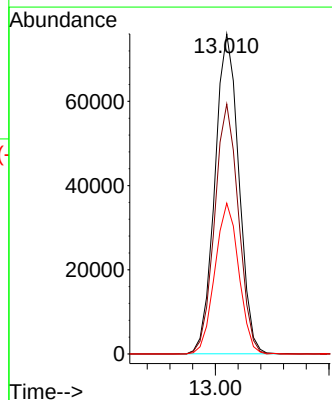
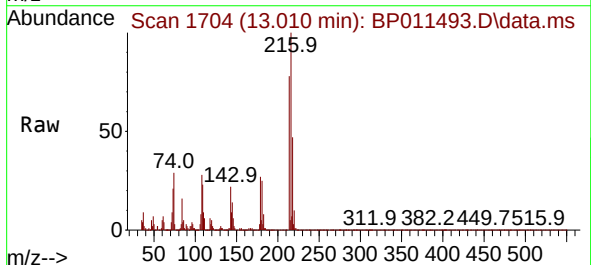
Tgt Ion:216 Resp: 111377

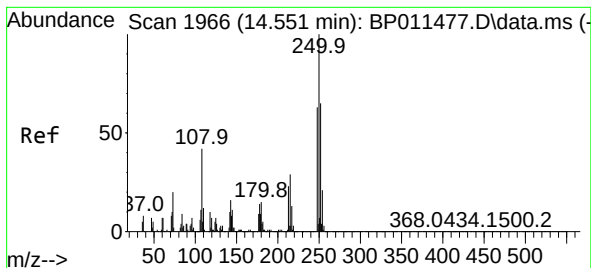
Ion Ratio Lower Upper

216 100

214 78.1 61.8 92.6

218 47.1 37.4 56.0





#76

Pentachlorobenzene

Concen: 20.961 ng/uL

RT: 14.545 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

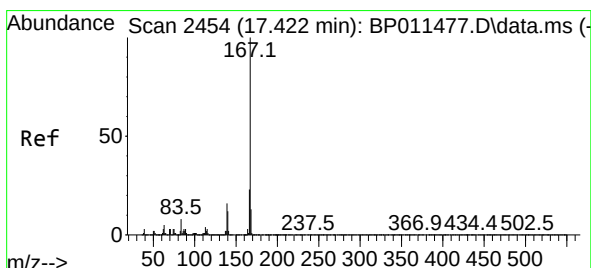
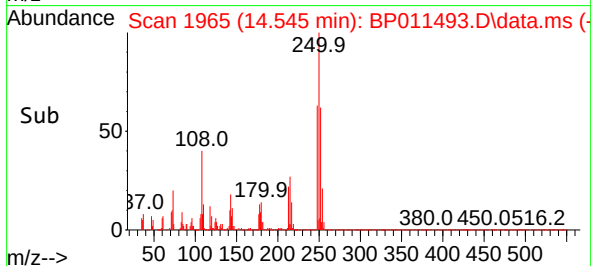
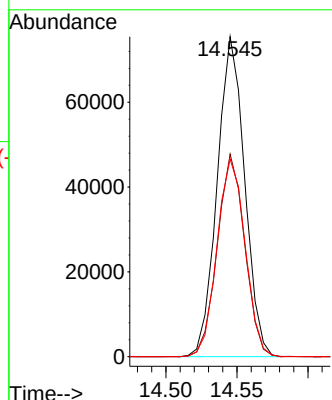
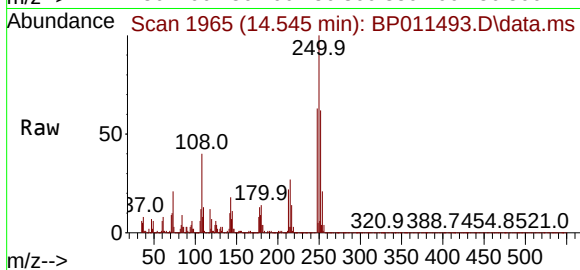
Tgt Ion:250 Resp: 101429

Ion Ratio Lower Upper

250 100

248 63.3 51.7 77.5

252 61.8 50.0 75.0



#77

Carbazole

Concen: 18.828 ng/uL

RT: 17.416 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

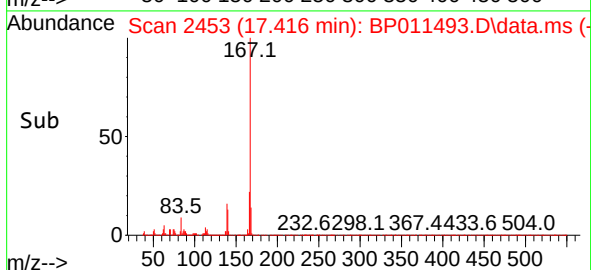
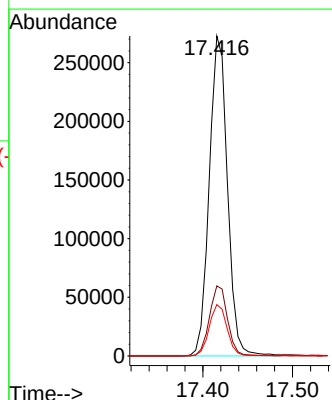
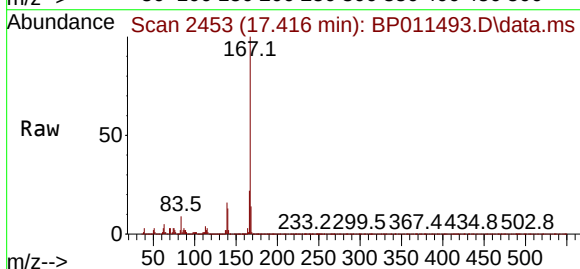
Tgt Ion:167 Resp: 383653

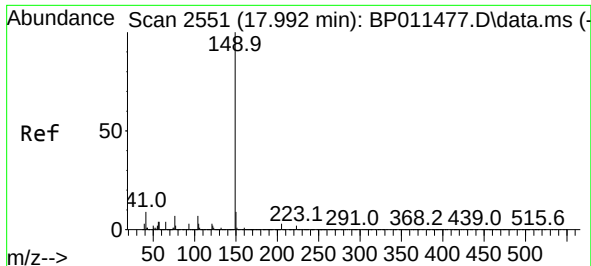
Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 16.1 12.1 18.1

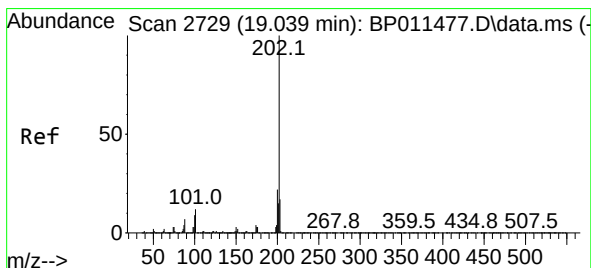
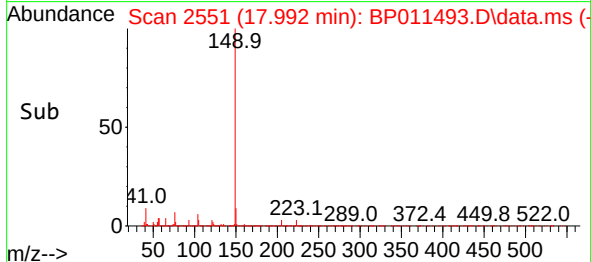
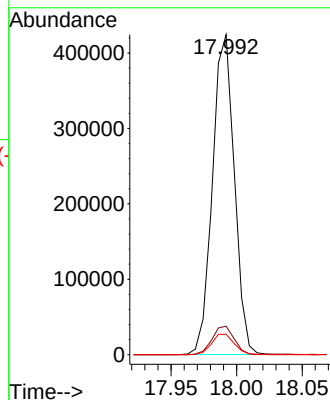
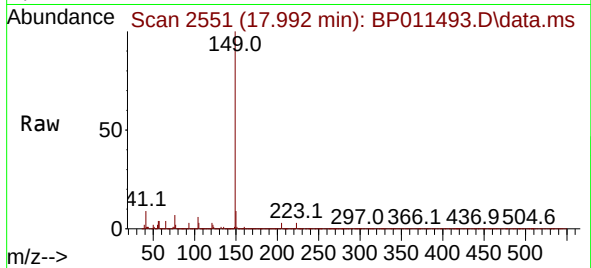




#78
Di-n-butylphthalate
Concen: 19.591 ng/ul
RT: 17.992 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

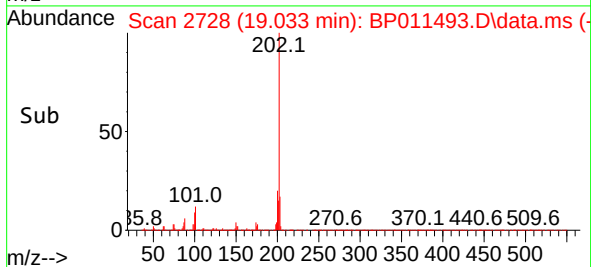
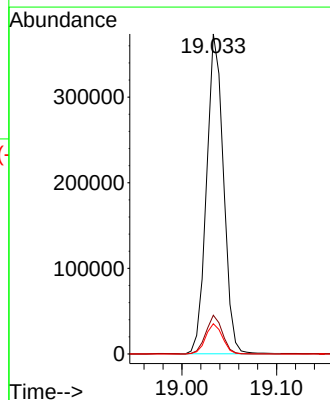
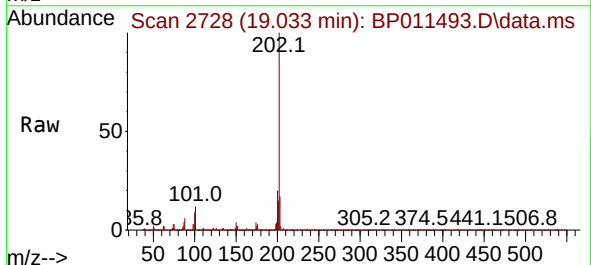
Instrument :
BNA_P
ClientSampleId :

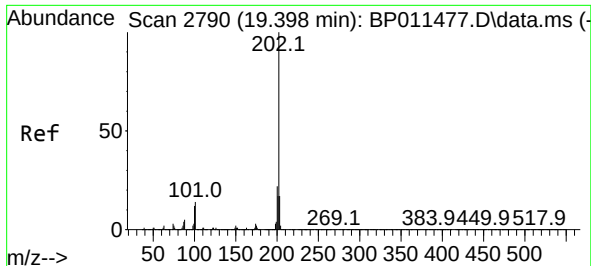
Tgt Ion:149 Resp: 491595
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 6.4 5.5 8.3



#80
Fluoranthene
Concen: 19.347 ng/ul
RT: 19.033 min Scan# 2728
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:202 Resp: 462247
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.5 7.9 11.9

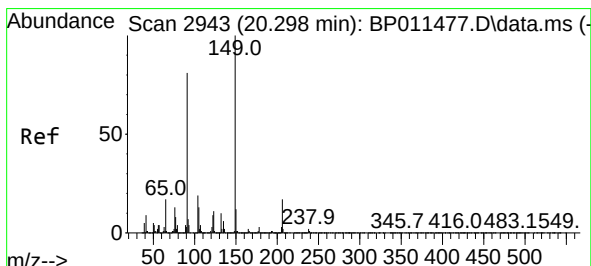
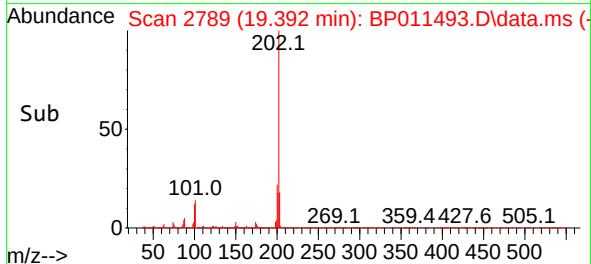
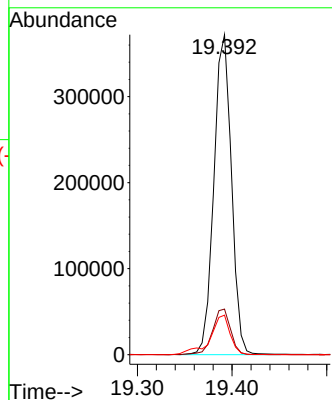
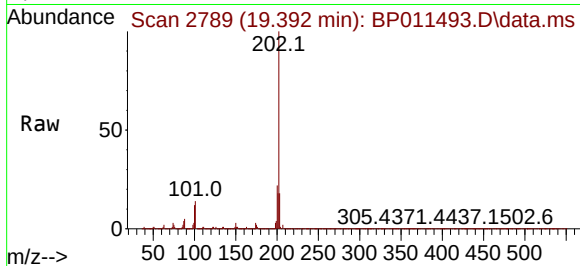




#82
Pyrene
Concen: 19.052 ng/ul
RT: 19.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

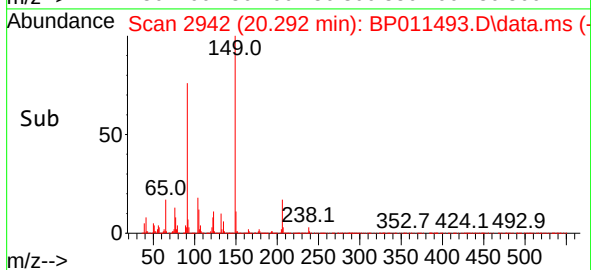
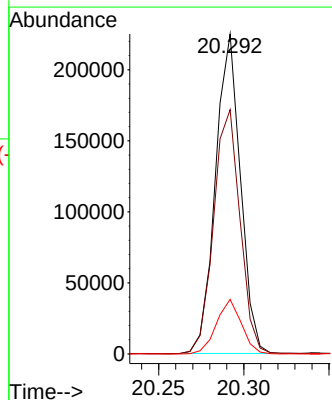
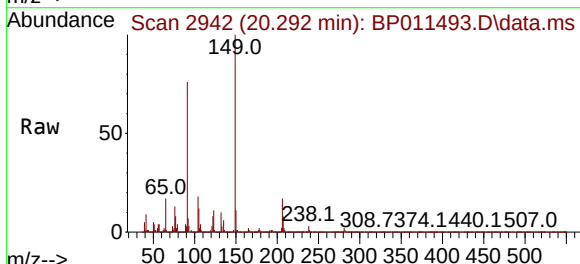
Instrument :
BNA_P
ClientSampleId :

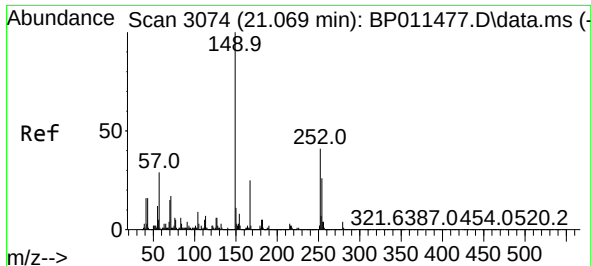
Tgt Ion:202 Resp: 478299
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.2
100 12.4 9.4 14.0



#83
Butylbenzylphthalate
Concen: 20.358 ng/ul
RT: 20.292 min Scan# 2942
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:149 Resp: 229274
Ion Ratio Lower Upper
149 100
91 76.3 68.5 102.7
206 17.1 12.6 18.8

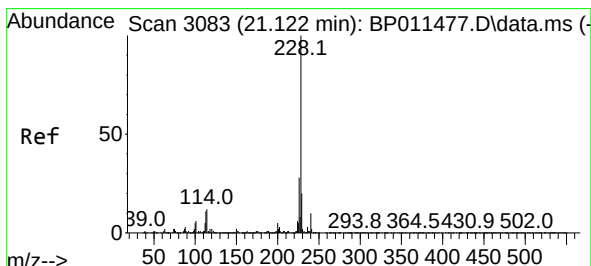
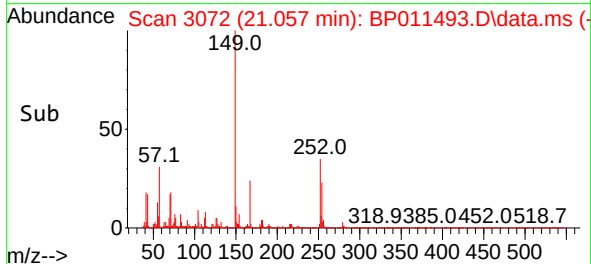
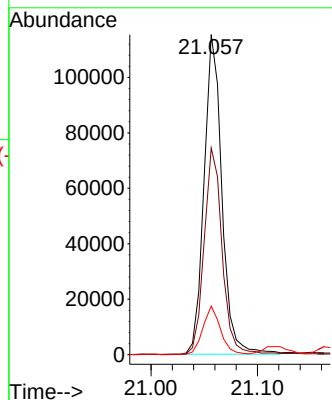
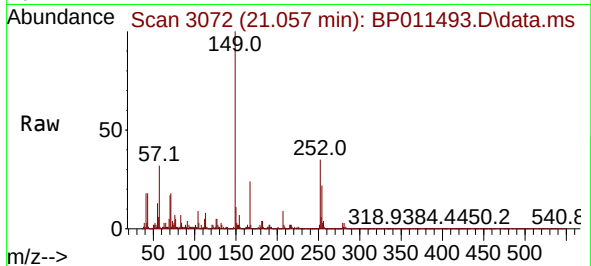




#84
3,3'-Dichlorobenzidine
Concen: 18.510 ng/ul
RT: 21.057 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

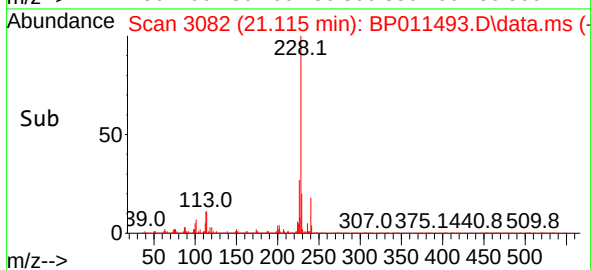
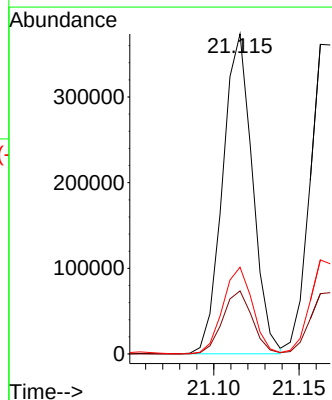
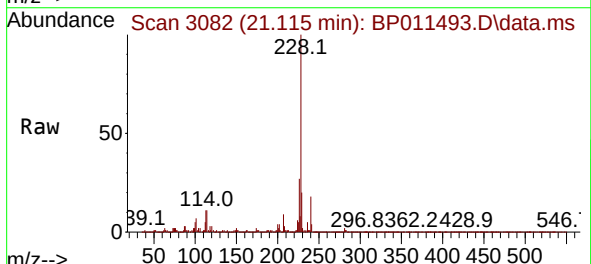
Instrument :
BNA_P
ClientSampleId :

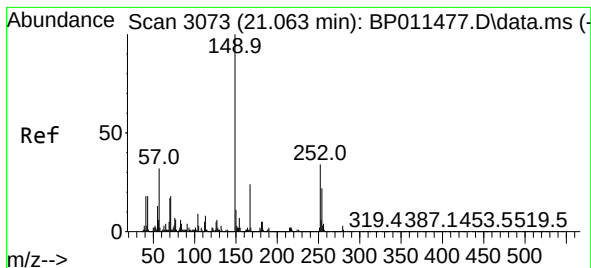
Tgt Ion:252 Resp: 134557
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 15.2 12.2 18.2



#85
Benzo(a)anthracene
Concen: 19.383 ng/ul
RT: 21.115 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:228 Resp: 453487
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.1 22.6 33.8

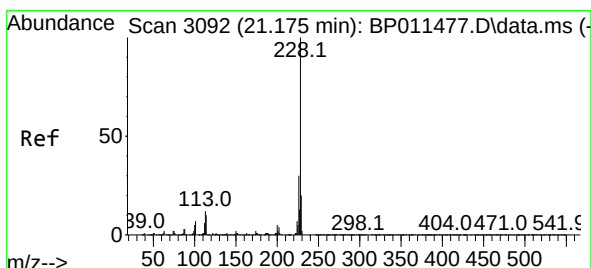
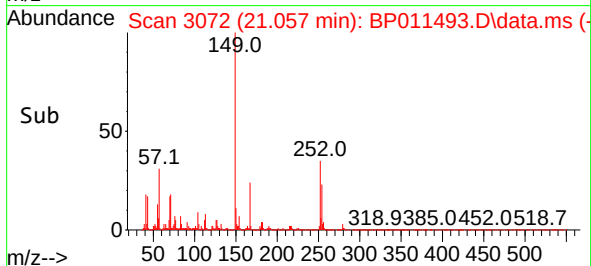
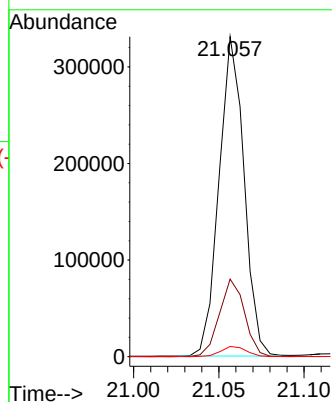
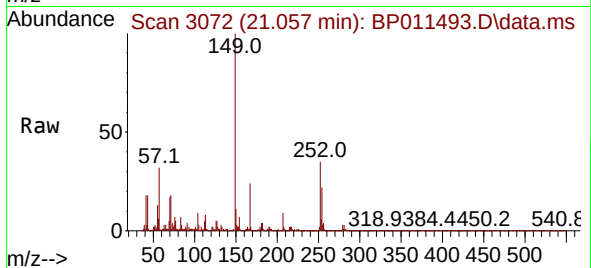




#86
Bis(2-ethylhexyl)phthalate
Concen: 20.254 ng/ul
RT: 21.057 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

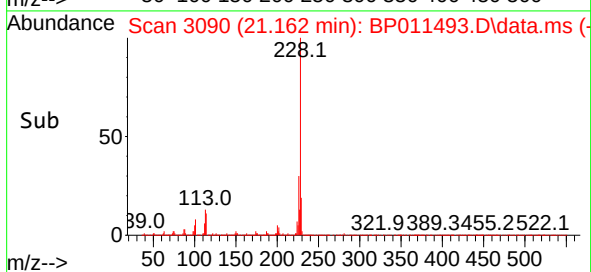
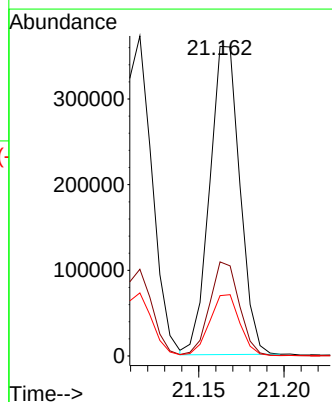
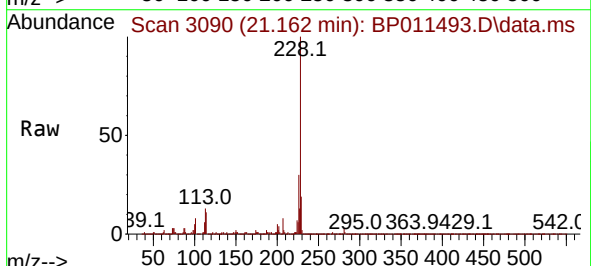
Instrument :
BNA_P
ClientSampleId :

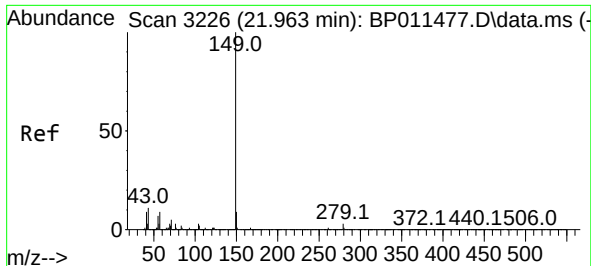
Tgt Ion:149 Resp: 337557
Ion Ratio Lower Upper
149 100
167 24.3 19.8 29.8
279 3.2 2.7 4.1



#87
Chrysene
Concen: 19.357 ng/ul
RT: 21.162 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:228 Resp: 444875
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 19.5 16.0 24.0

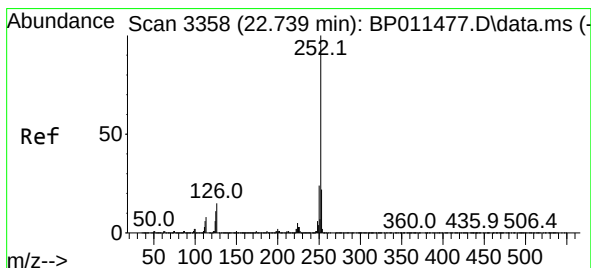
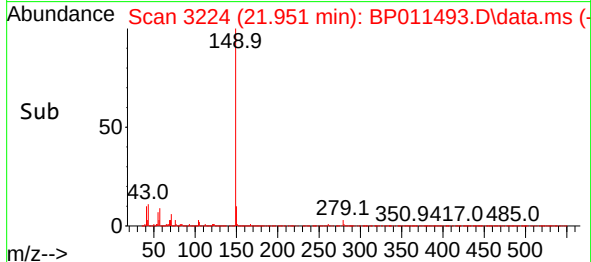
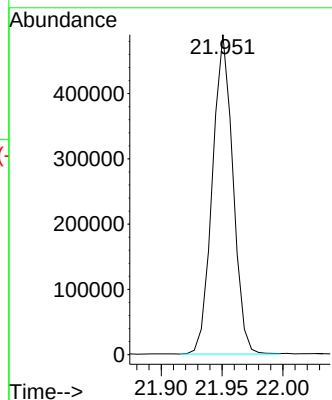
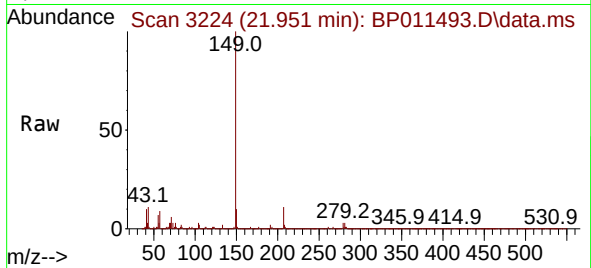




#89
Di-n-octyl phthalate
Concen: 17.847 ng/ul
RT: 21.951 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

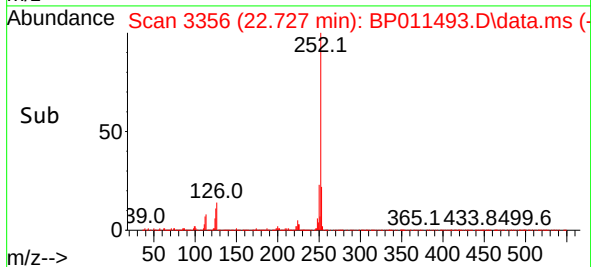
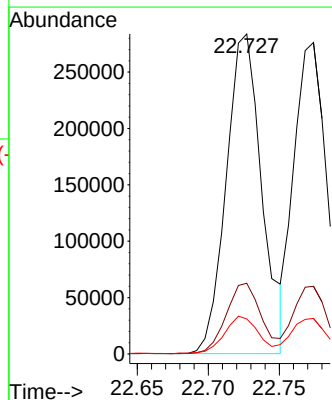
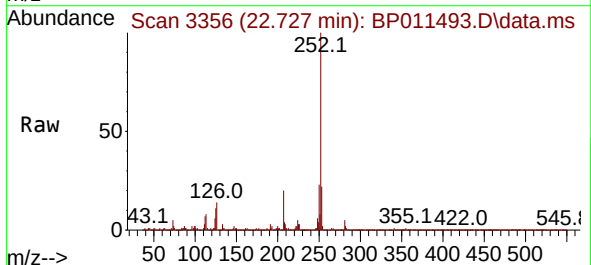
Instrument :
BNA_P
ClientSampleId :

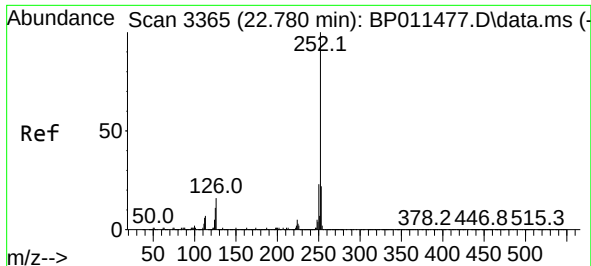
Tgt Ion:149 Resp: 574569



#90
Benzo(b)fluoranthene
Concen: 19.834 ng/ul
RT: 22.727 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:252 Resp: 494102
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.0 9.0 13.4

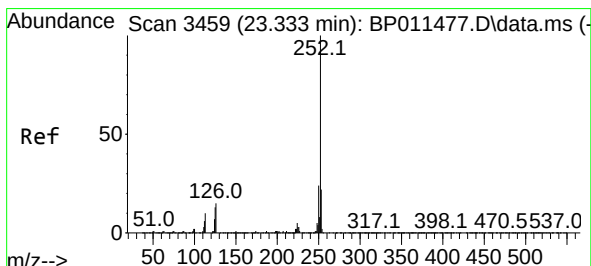
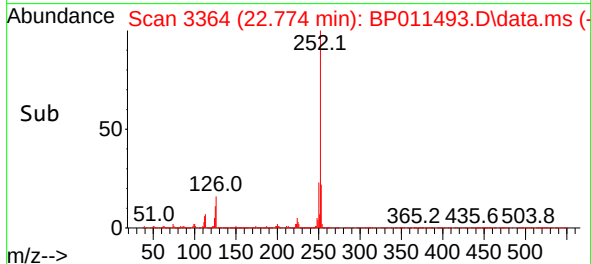
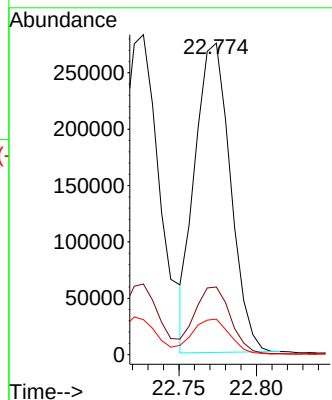
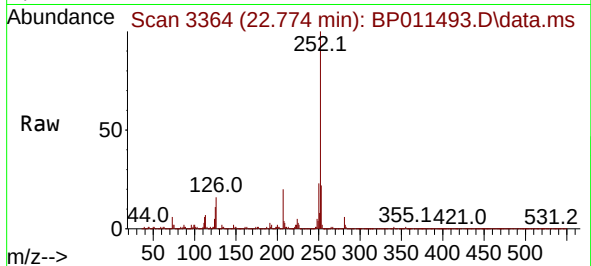




#91
Benzo(k)fluoranthene
Concen: 18.342 ng/u1
RT: 22.774 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

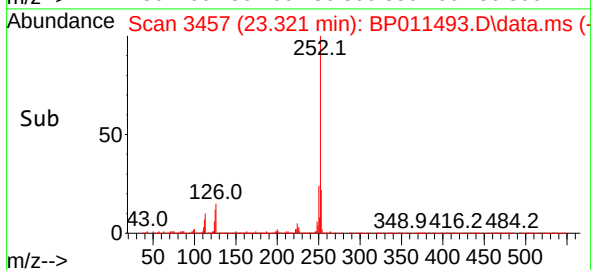
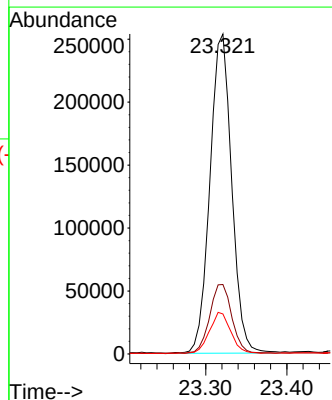
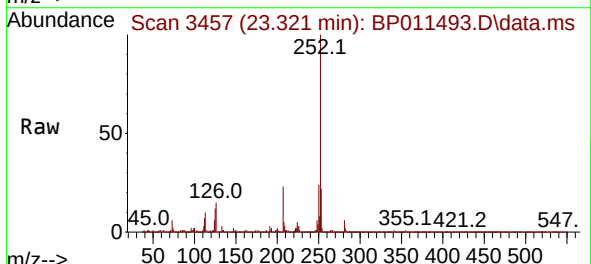
Instrument :
BNA_P
ClientSampleId :

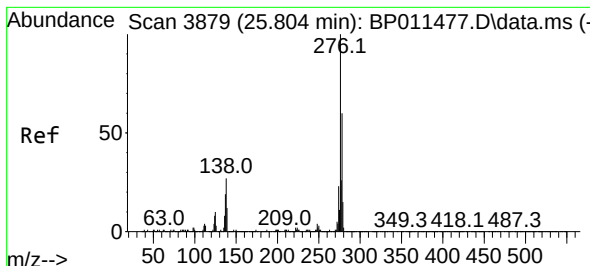
Tgt Ion:252 Resp: 436049
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.4 9.8 14.8



#93
Benzo(a)pyrene
Concen: 19.388 ng/u1
RT: 23.321 min Scan# 3457
Delta R.T. -0.006 min
Lab File: BP011493.D
Acq: 18 Aug 2022 21:32

Tgt Ion:252 Resp: 471543
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 12.5 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.763 ng/ul

RT: 25.780 min Scan# 3875

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :

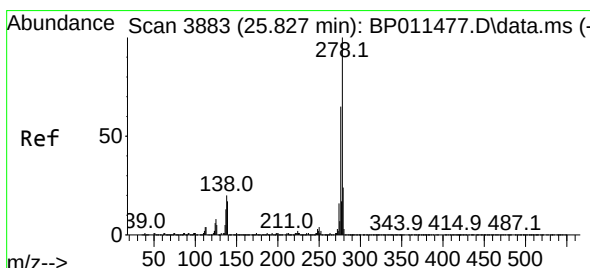
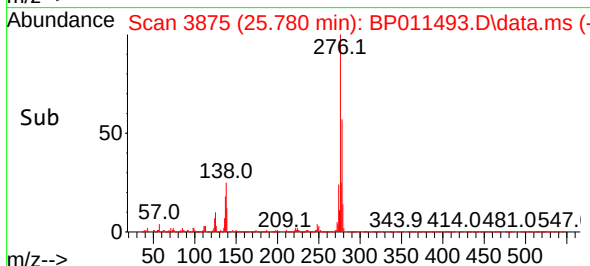
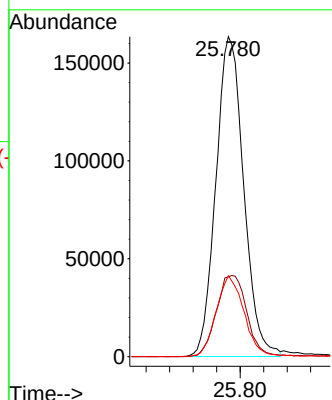
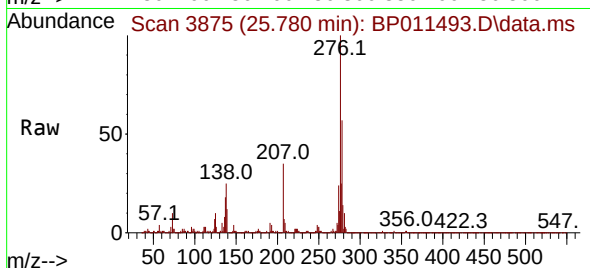
Tgt Ion:276 Resp: 536126

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.4

277 25.3 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 19.853 ng/ul

RT: 25.797 min Scan# 3878

Delta R.T. -0.006 min

Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

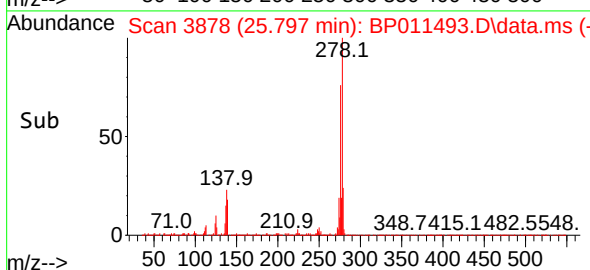
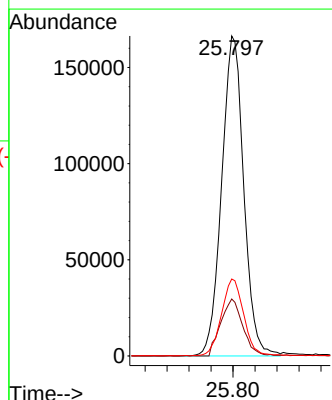
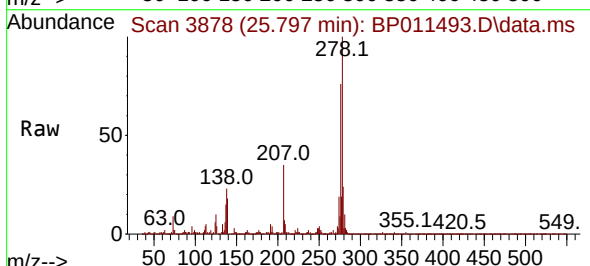
Tgt Ion:278 Resp: 463759

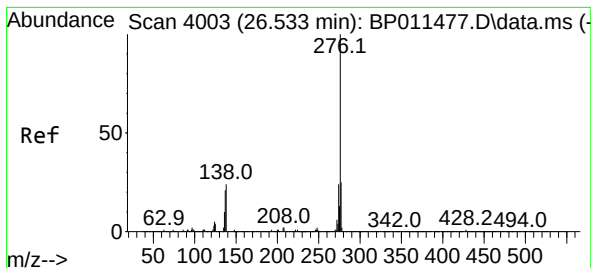
Ion Ratio Lower Upper

278 100

139 17.8 15.4 23.0

279 24.1 19.3 28.9





#96

Benzo(g,h,i)perylene

Concen: 17.371 ng/ul

RT: 26.509 min Scan# 3999

Delta R.T. -0.000 min

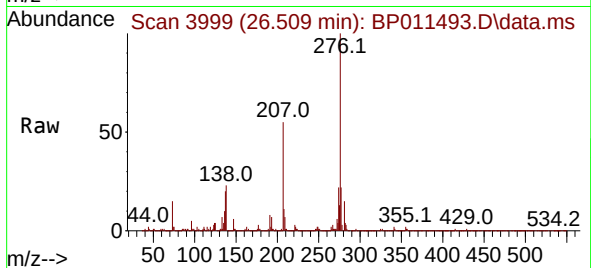
Lab File: BP011493.D

Acq: 18 Aug 2022 21:32

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 400854

Ion Ratio Lower Upper

276 100

138 22.9 19.4 29.2

277 22.2 19.1 28.7

