

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
 Data File : BP003804.D
 Acq On : 04 Nov 2020 13:19
 Operator : CG/JU
 Sample : L3971-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 05 14:54:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 14:31:45 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	145077	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	568251	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	349613	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	745352	20.00	ng	0.00
76) Chrysene-d12	21.657	240	760906	20.00	ng	0.00
86) Perylene-d12	24.121	264	771875	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	300829	34.61	ng	0.00
7) Phenol-d6	7.452	99	403183	32.31	ng	0.00
23) Nitrobenzene-d5	9.458	82	268503	23.14	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	130600	29.87	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	628599	25.14	ng	0.00
79) Terphenyl-d14	20.128	244	924956	23.48	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.840	42	122760	24.24	ng	# 58
6) Aniline	7.681	93	94710	6.68	ng	# 54
9) Benzaldehyde	7.411	77	152	Below Cal		# 9
11) bis(2-Chloroethyl)ether	7.681	93	94710	9.79	ng	# 78
12) 1,3-Dichlorobenzene	8.193	146	430678	38.08	ng	# 94
13) 1,4-Dichlorobenzene	8.334	146	411088	36.05	ng	97
14) 1,2-Dichlorobenzene	8.663	146	337674	31.00	ng	96
18) Hexachloroethane	9.410	117	76216	18.81	ng	97
19) n-Nitroso-di-n-propyla...	9.093	70	294341	39.47	ng	# 75
24) Nitrobenzene	9.499	77	162679	14.11	ng	# 81
25) Isophorone	10.022	82	774873	39.32	ng	# 89
26) 2-Nitrophenol	10.022	139	13418	2.98	ng	# 19
28) bis(2-Chloroethoxy)met...	10.499	93	393912	29.13	ng	97
30) 1,2,4-Trichlorobenzene	10.993	180	372192	33.76	ng	100
31) Naphthalene	11.175	128	686845	22.52	ng	99
32) Benzoic acid	10.422	122	18	8.31	ng	# 1
33) 4-Chloroaniline	11.175	127	88518	6.83	ng	# 34
34) Hexachlorobutadiene	11.493	225	171048	23.79	ng	99
41) Hexachlorocyclopentadiene	13.134	237	105311	18.04	ng	96
47) 2-Chloronaphthalene	13.793	162	818894	36.78	ng	99
48) 2-Nitroaniline	13.975	65	214852	32.34	ng	# 61
49) Acenaphthylene	14.634	152	778333	23.80	ng	100
50) Dimethylphthalate	14.340	163	887153	32.46	ng	100
52) Acenaphthene	14.975	154	750356	34.45	ng	97
54) 2,4-Dinitrophenol	14.981	184	19	2.74	ng	# 1
55) Dibenzofuran	15.304	168	904294	27.94	ng	99
56) 4-Nitrophenol	15.304	139	326944	73.08	ng	# 20
57) 2,4-Dinitrotoluene	15.240	165	318681	42.33	ng	# 72
58) Fluorene	15.945	166	301861	11.65	ng	99
60) Diethylphthalate	15.687	149	622263	23.26	ng	99
61) 4-Chlorophenyl-phenyle...	15.928	204	534096	37.71	ng	97
65) 4,6-Dinitro-2-methylph...	16.016	198	4	6.34	ng	# 1
66) n-Nitrosodiphenylamine	15.928	169	56633	2.48	ng	# 84
68) Hexachlorobenzene	16.981	284	241913	24.31	ng	98
71) Phenanthrene	17.681	178	628373	15.02	ng	98
72) Anthracene	17.681	178	628373	15.55	ng	98

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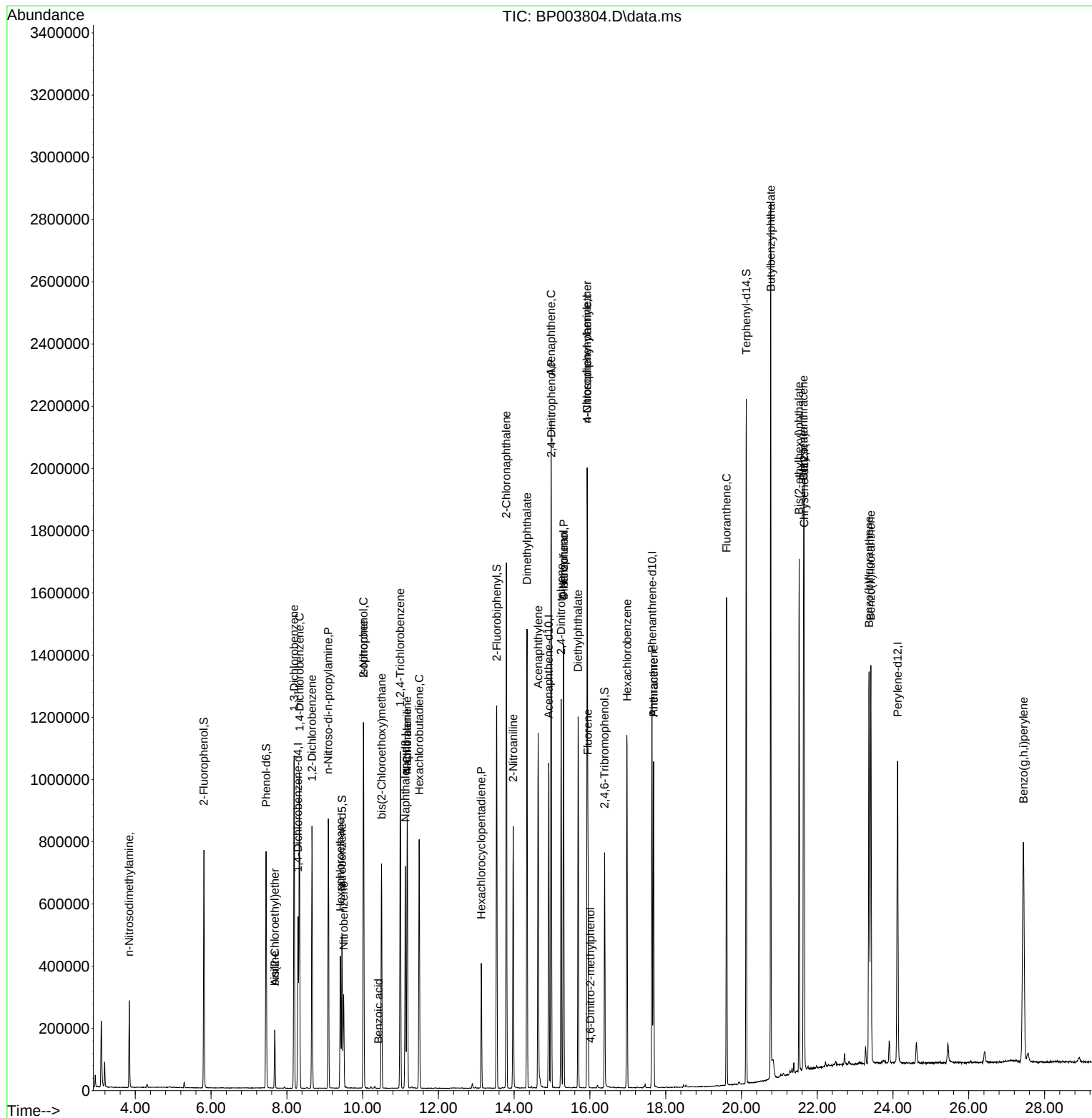
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.604	202	899090	18.63	ng	98
80) Butylbenzylphthalate	20.775	149	766007	39.81	ng #	86
81) Benzo(a)anthracene	21.639	228	802783	16.00	ng	97
83) Chrysene	21.639	228	802783	16.65	ng	94
84) Bis(2-ethylhexyl)phtha...	21.522	149	522003	18.41	ng	100
88) Benzo(b)fluoranthene	23.369	252	947371	18.76	ng	100
89) Benzo(k)fluoranthene	23.416	252	896674	17.98	ng	99
92) Benzo(g,h,i)perylene	27.445	276	934712	20.81	ng	97

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

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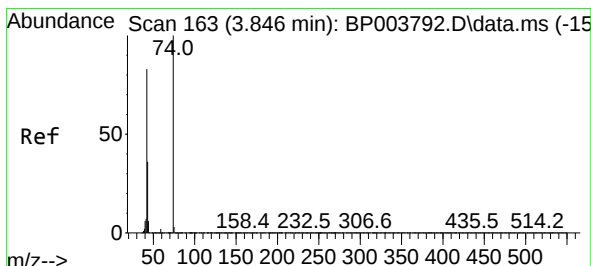
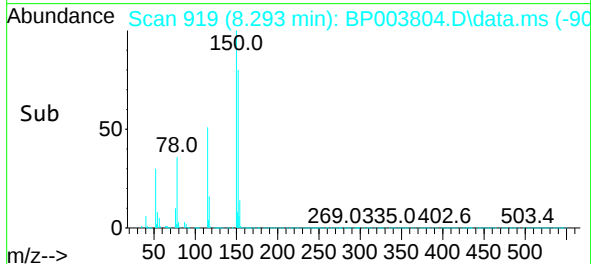
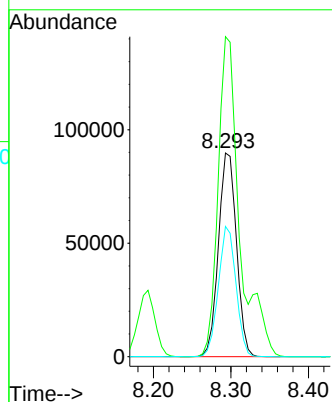
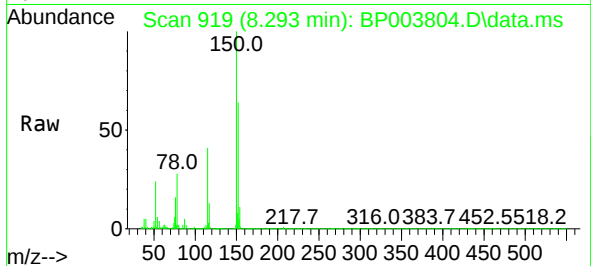




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

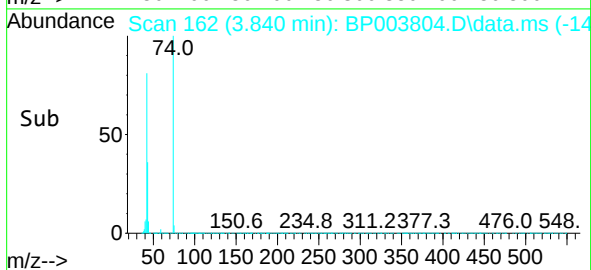
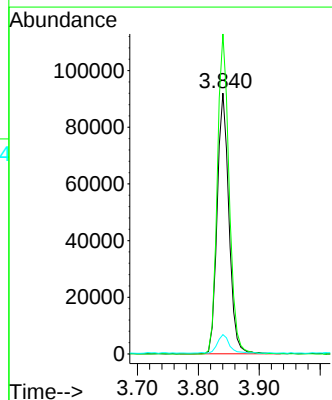
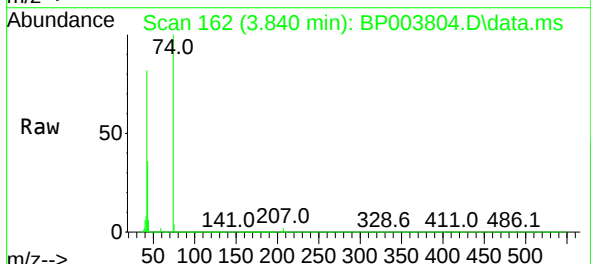
Instrument :
BNA_P
ClientSampled :

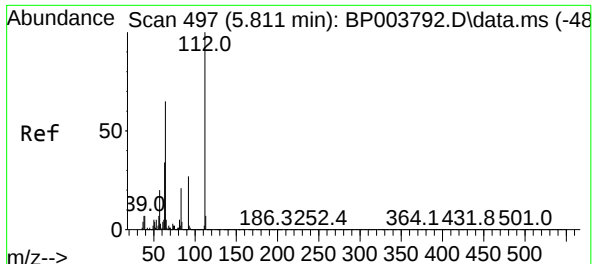
Tgt Ion:152 Resp: 145077
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 64.0 43.8 65.6



#4
n-Nitrosodimethylamine
Concen: 24.24 ng
RT: 3.840 min Scan# 162
Delta R.T. -0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion: 42 Resp: 122760
Ion Ratio Lower Upper
42 100
74 122.7 148.6 223.0#
44 7.4 5.3 7.9

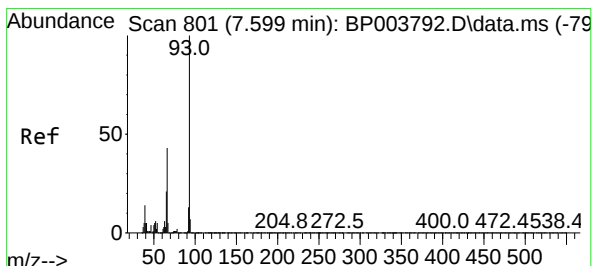
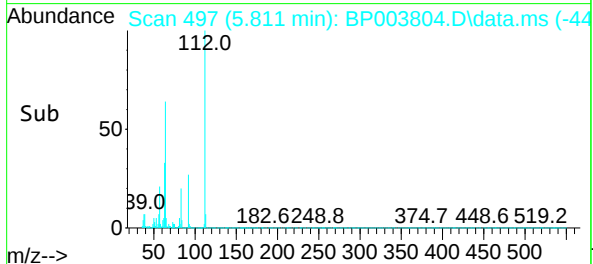
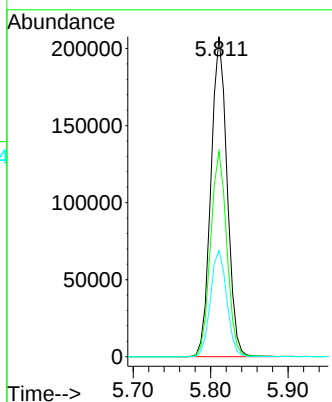
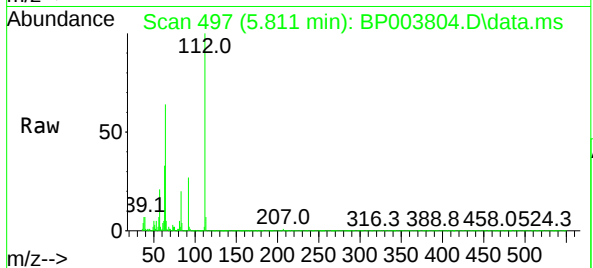




#5
2-Fluorophenol
Concen: 34.61 ng
RT: 5.811 min Scan# 497
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

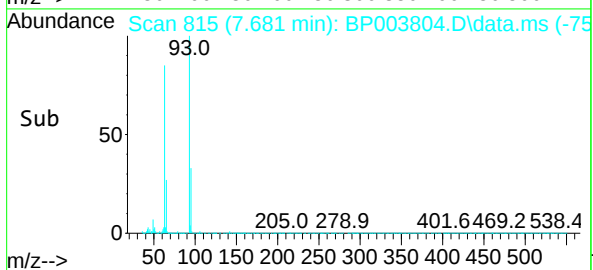
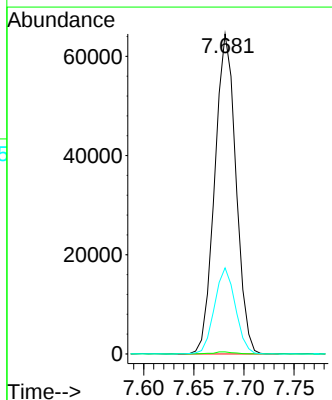
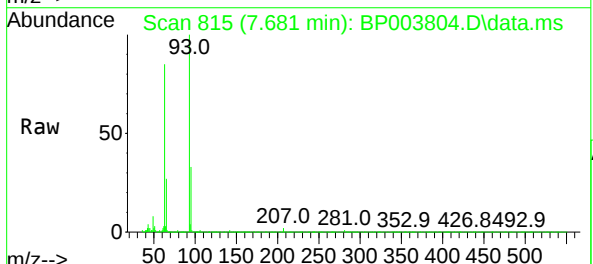
Instrument :
BNA_P
ClientSampleId :

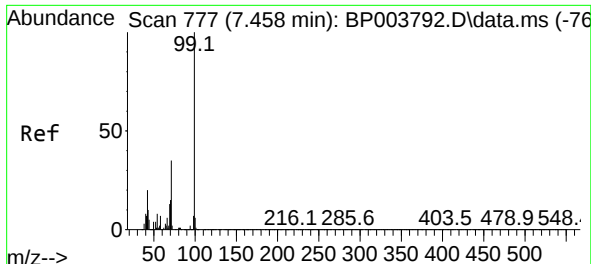
Tgt Ion:112 Resp: 300829
Ion Ratio Lower Upper
112 100
64 64.2 32.8 49.2#
63 33.1 17.0 25.4#



#6
Aniline
Concen: 6.68 ng
RT: 7.681 min Scan# 815
Delta R.T. 0.082 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

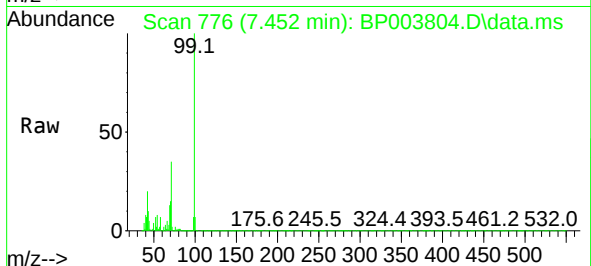
Tgt Ion: 93 Resp: 94710
Ion Ratio Lower Upper
93 100
66 0.6 25.4 38.0#
65 26.9 12.5 18.7#



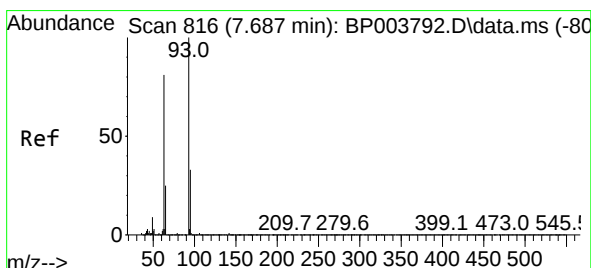
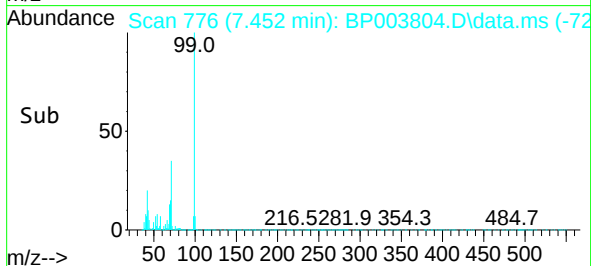
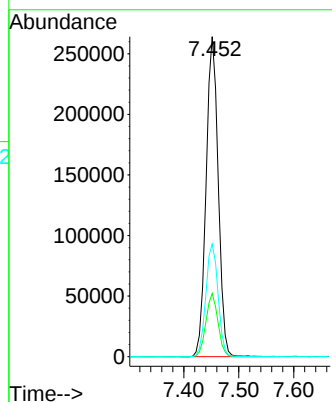


#7
Phenol-d6
Concen: 32.31 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Instrument :
BNA_P
ClientSampleId :

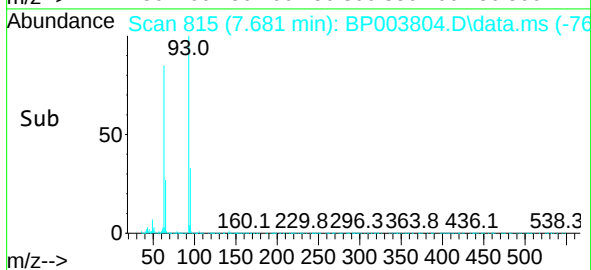
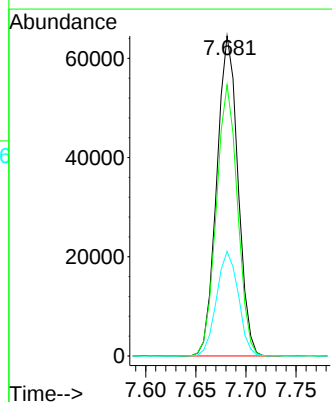
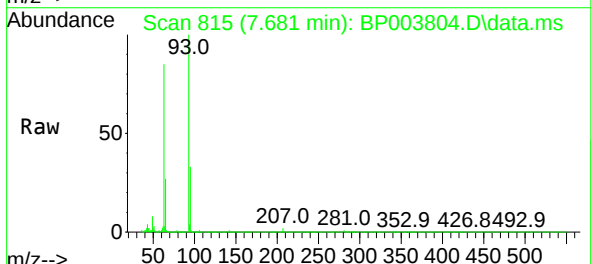


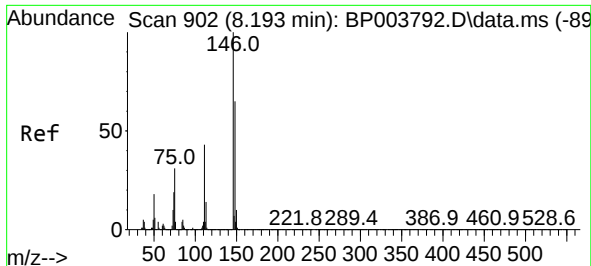
Tgt Ion: 99 Resp: 403183
Ion Ratio Lower Upper
99 100
42 19.7 8.6 13.0#
71 35.3 23.4 35.2#



#11
bis(2-Chloroethyl)ether
Concen: 9.79 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion: 93 Resp: 94710
Ion Ratio Lower Upper
93 100
63 84.8 39.0 79.0#
95 32.7 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 38.08 ng

RT: 8.193 min Scan# 902

Delta R.T. -0.000 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

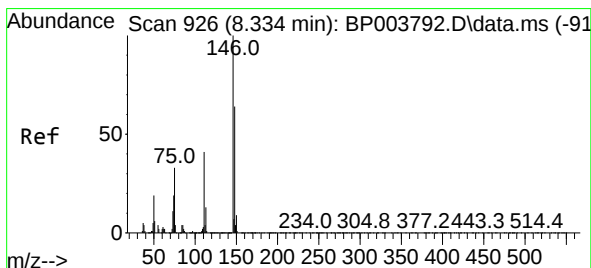
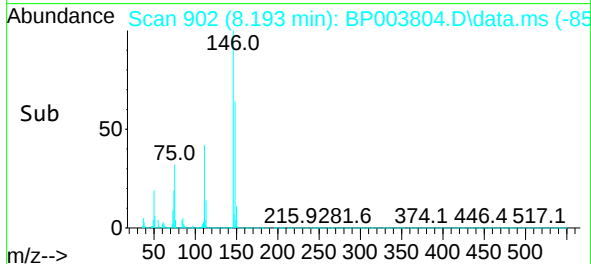
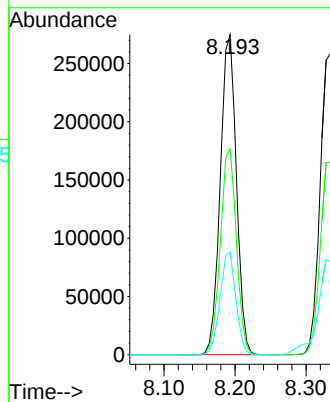
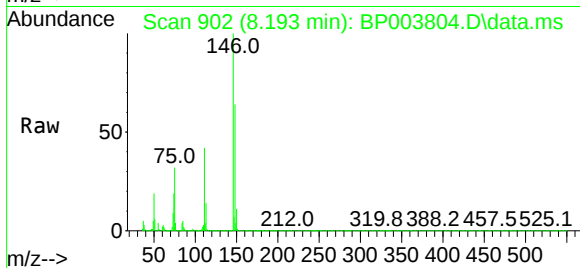
Tgt Ion:146 Resp: 430678

Ion Ratio Lower Upper

146 100

148 64.2 52.5 78.7

75 32.0 18.1 27.1#



#13

1,4-Dichlorobenzene

Concen: 36.05 ng

RT: 8.334 min Scan# 926

Delta R.T. -0.000 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

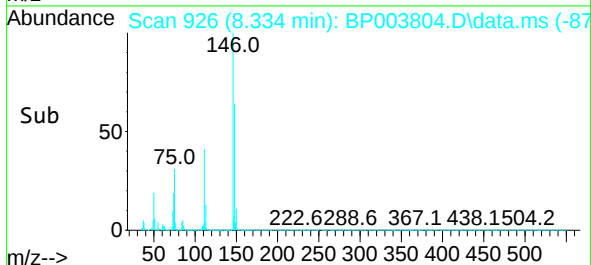
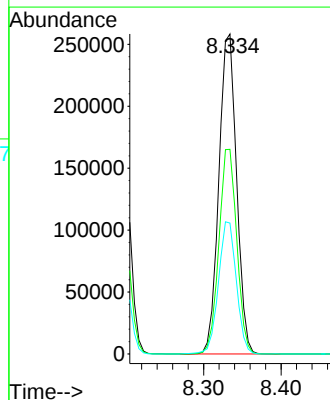
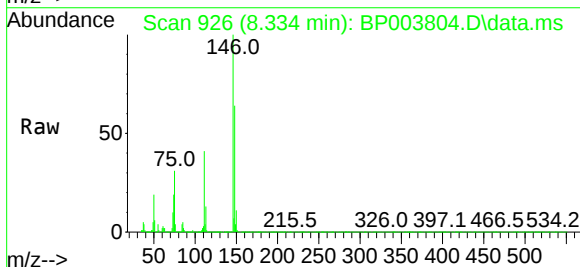
Tgt Ion:146 Resp: 411088

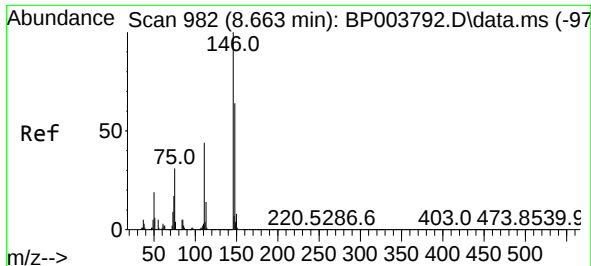
Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

111 40.9 28.9 43.3

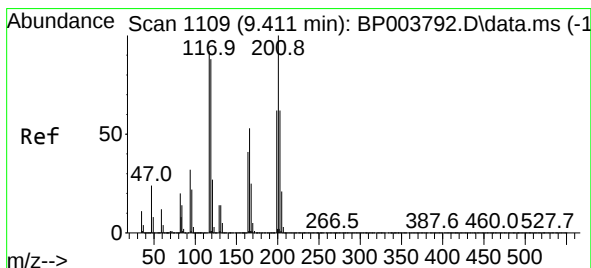
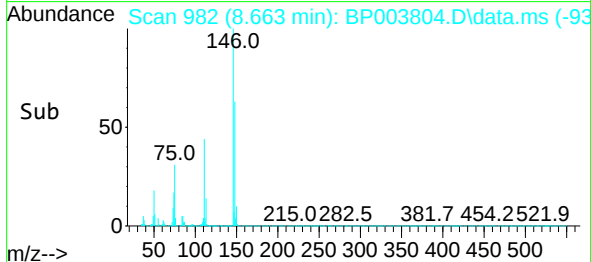
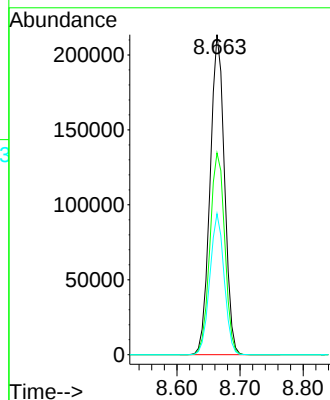
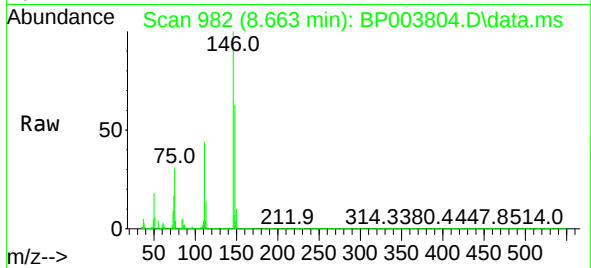




#14
1,2-Dichlorobenzene
Concen: 31.00 ng
RT: 8.663 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

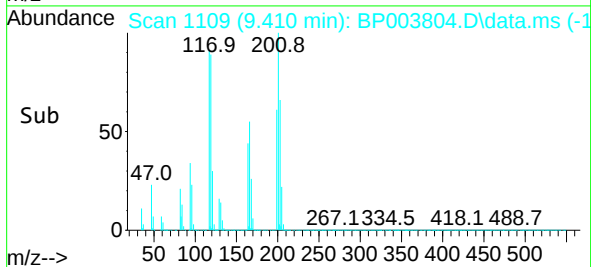
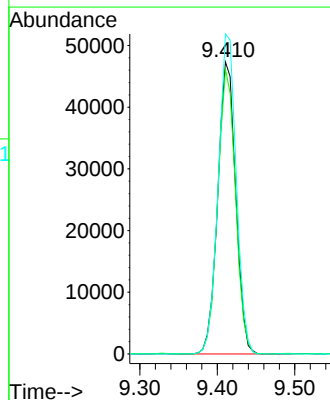
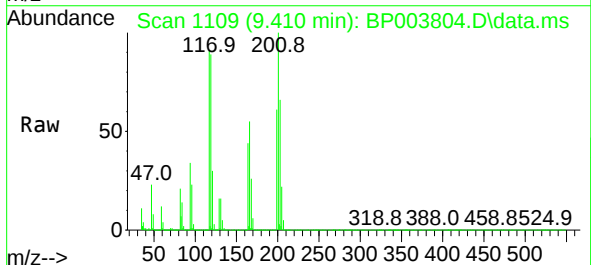
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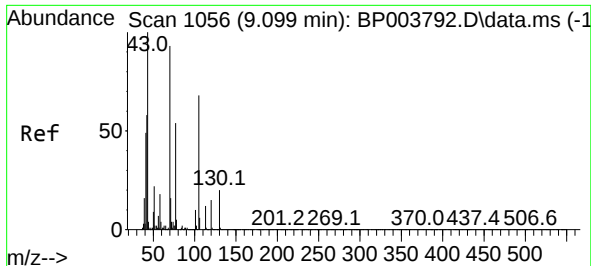
Tgt Ion:146 Resp: 337674
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 44.1 31.0 46.6



#18
Hexachloroethane
Concen: 18.81 ng
RT: 9.410 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:117 Resp: 76216
Ion Ratio Lower Upper
117 100
119 97.5 78.8 118.2
201 109.6 92.3 138.5

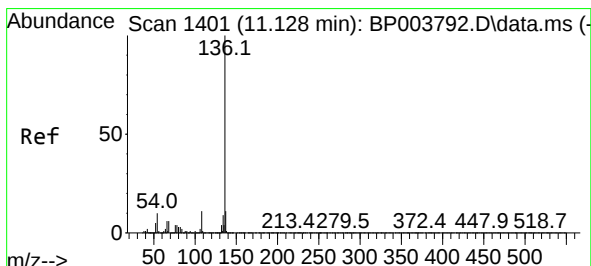
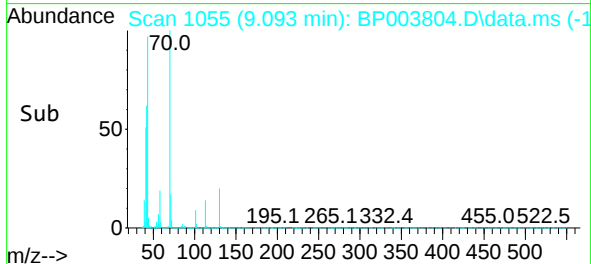
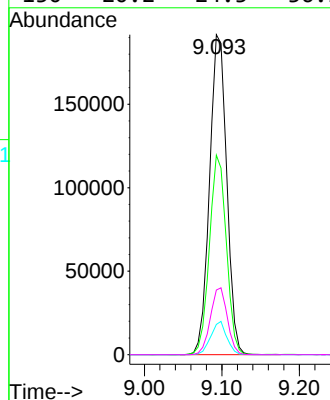
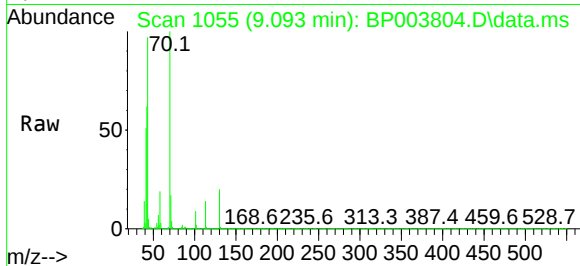




#19
n-Nitroso-di-n-propylamine
Concen: 39.47 ng
RT: 9.093 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

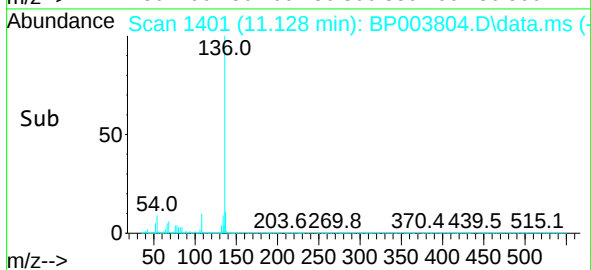
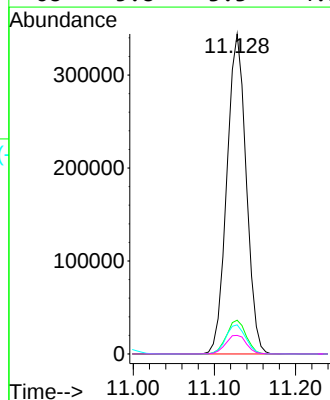
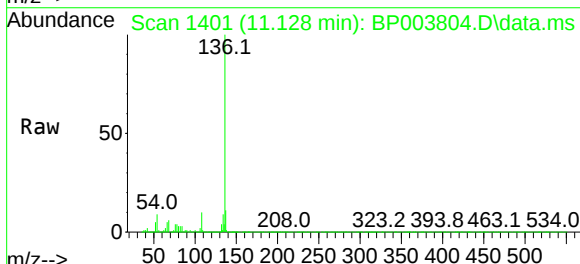
Instrument :
BNA_P
ClientSampled :

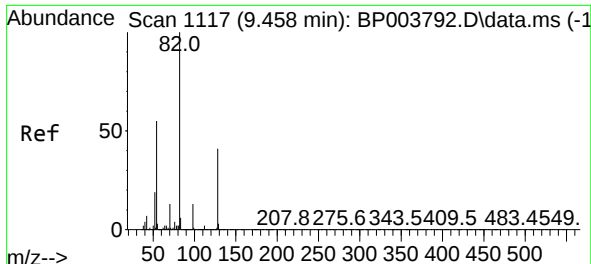
Tgt Ion:	70	Resp:	294341
Ion	Ratio	Lower	Upper
70	100		
42	62.4	32.8	49.2#
101	9.4	9.6	14.4#
130	20.2	24.3	36.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:	136	Resp:	568251
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.1	3.6	5.4#
68	5.8	3.3	4.9#

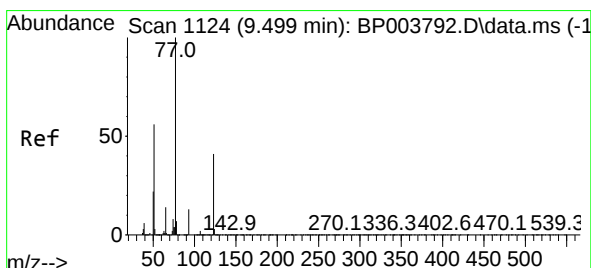
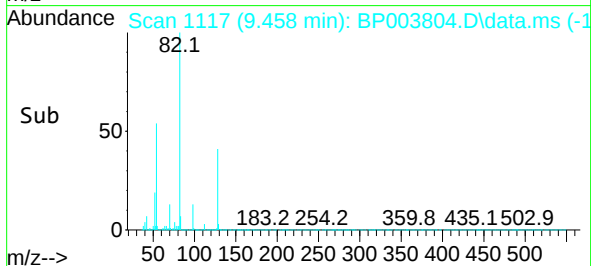
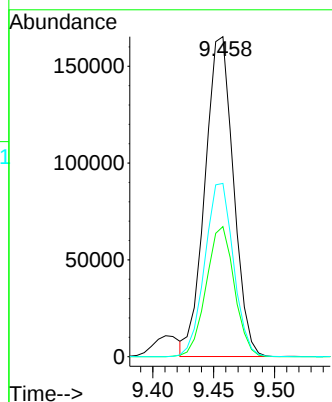
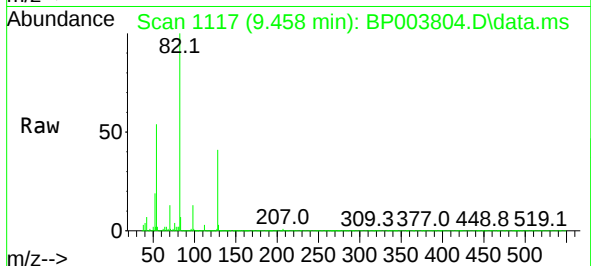




#23
Nitrobenzene-d5
Concen: 23.14 ng
RT: 9.458 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

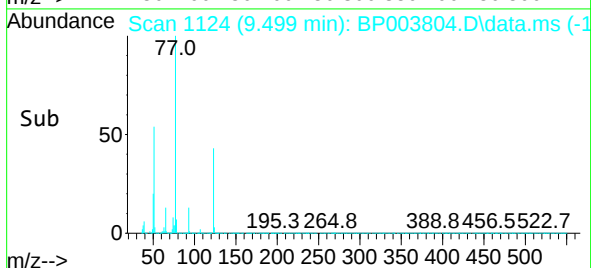
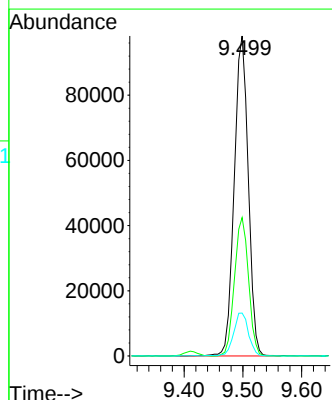
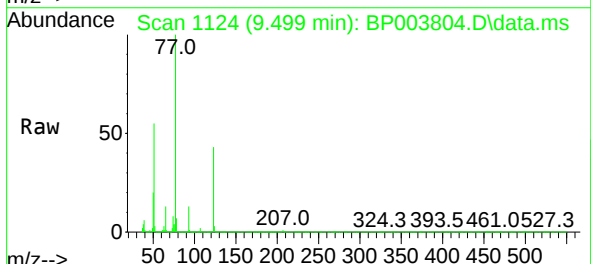
Instrument :
BNA_P
ClientSampled :

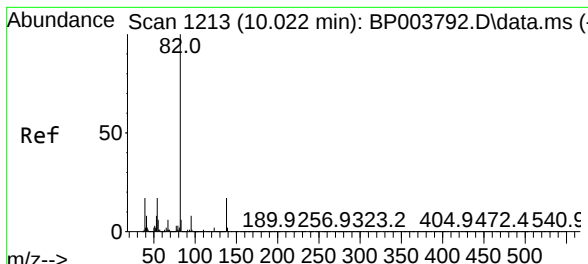
Tgt Ion: 82 Resp: 268503
Ion Ratio Lower Upper
82 100
128 40.6 45.6 68.4#
54 54.2 30.1 45.1#



#24
Nitrobenzene
Concen: 14.11 ng
RT: 9.499 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion: 77 Resp: 162679
Ion Ratio Lower Upper
77 100
123 43.2 48.6 72.8#
65 13.4 10.0 15.0

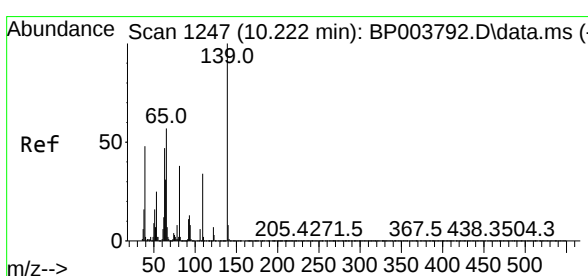
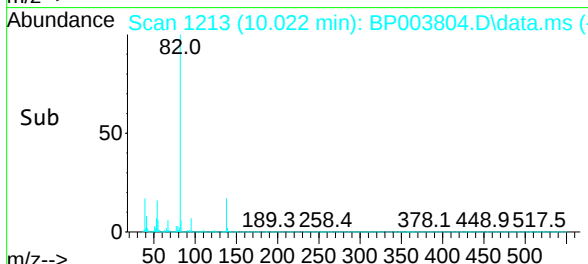
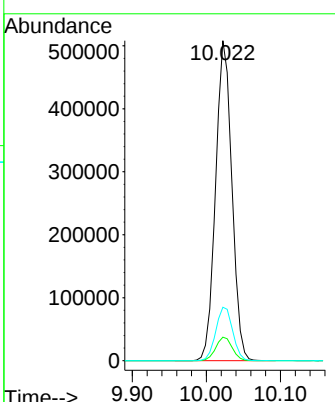
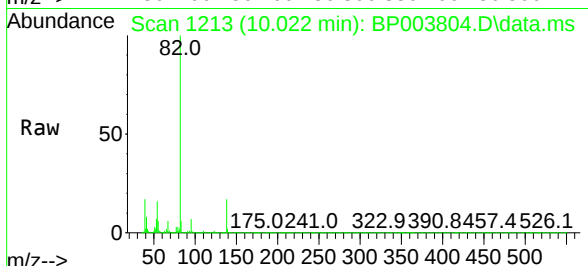




#25
Isophorone
Concen: 39.32 ng
RT: 10.022 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

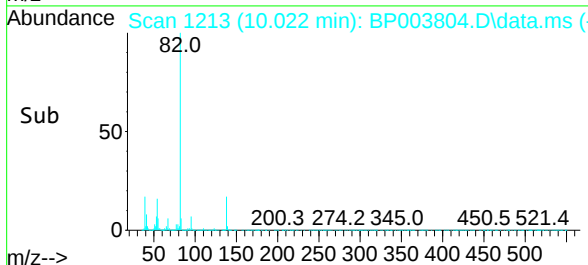
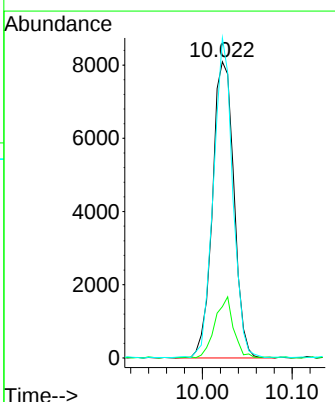
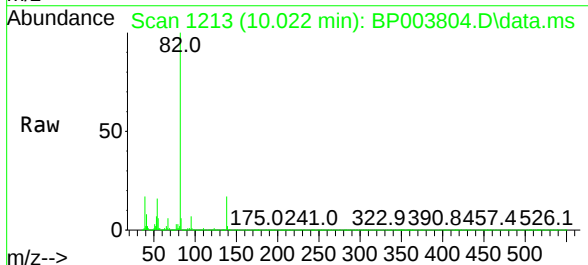
Instrument :
BNA_P
ClientSampleId :

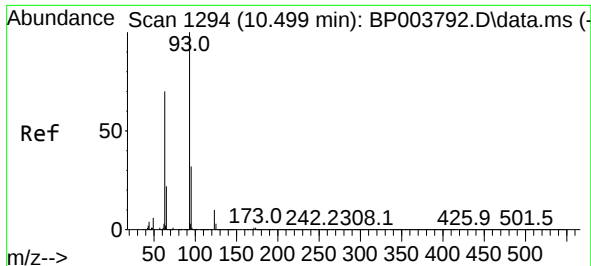
Tgt Ion:	82	Resp:	774873
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.4	9.6
138	16.7	18.7	28.1#



#26
2-Nitrophenol
Concen: 2.98 ng
RT: 10.022 min Scan# 1213
Delta R.T. -0.200 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:	139	Resp:	13418
Ion Ratio	Lower	Upper	
139	100		
109	17.3	22.1	33.1#
65	108.1	26.5	39.7#

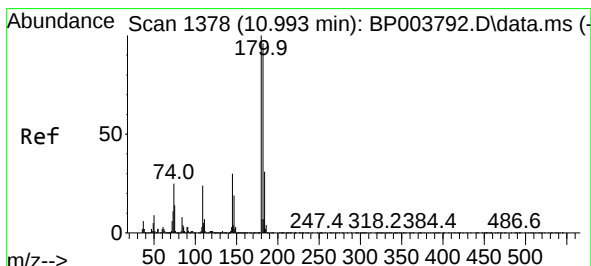
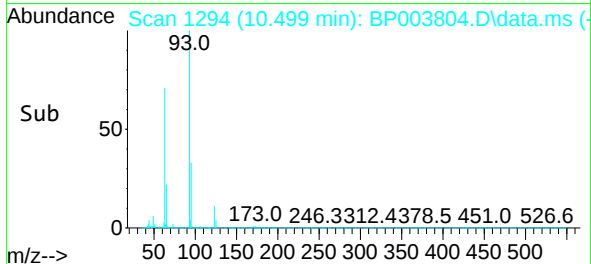
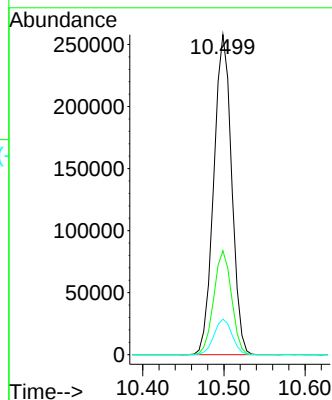
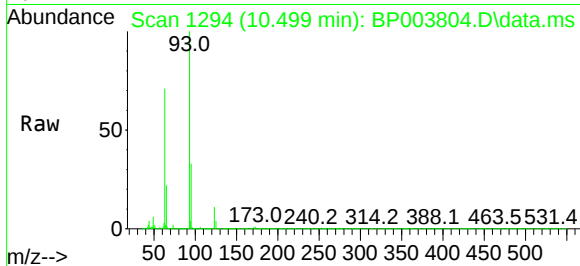




#28
bis(2-Chloroethoxy)methane
Concen: 29.13 ng
RT: 10.499 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

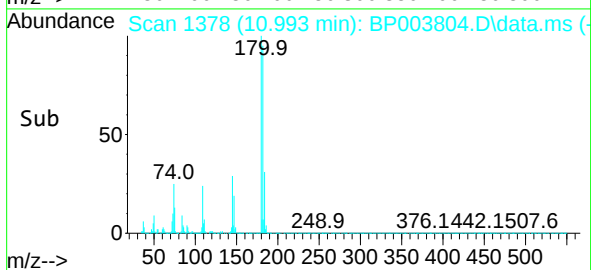
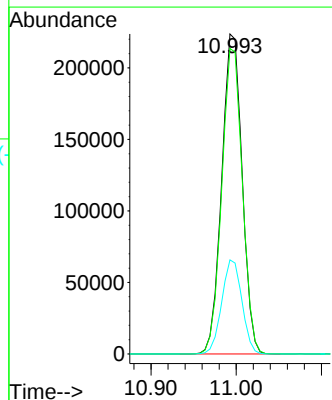
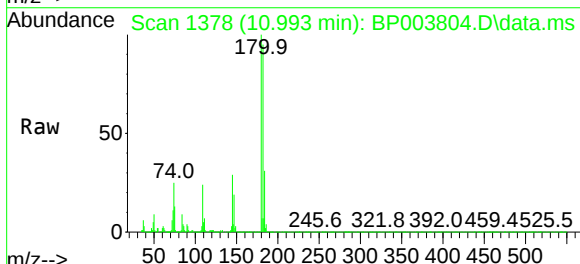
Instrument :
BNA_P
ClientSampleId :

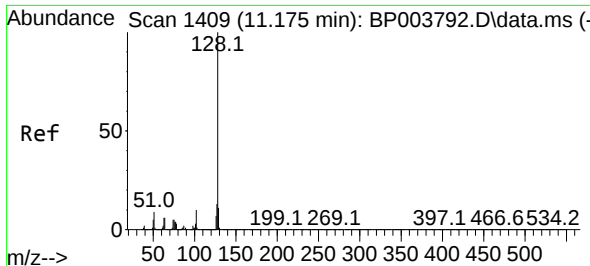
Tgt Ion: 93 Resp: 393912
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 11.1 10.5 15.7



#30
1,2,4-Trichlorobenzene
Concen: 33.76 ng
RT: 10.993 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:180 Resp: 372192
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 29.4 23.8 35.8

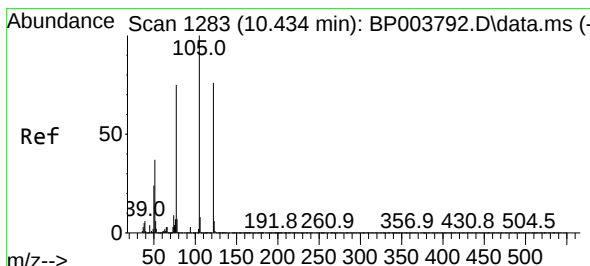
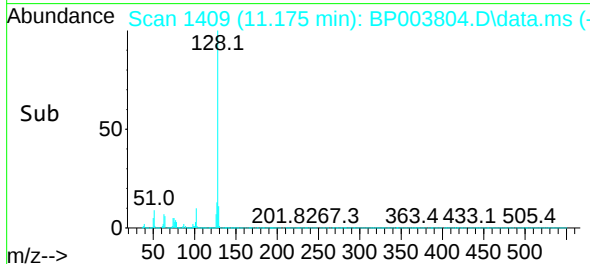
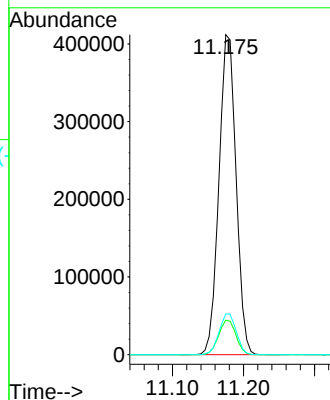
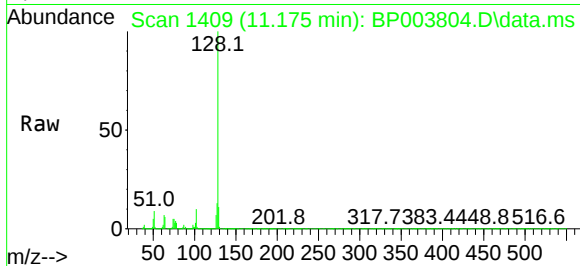




#31
Naphthalene
Concen: 22.52 ng
RT: 11.175 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

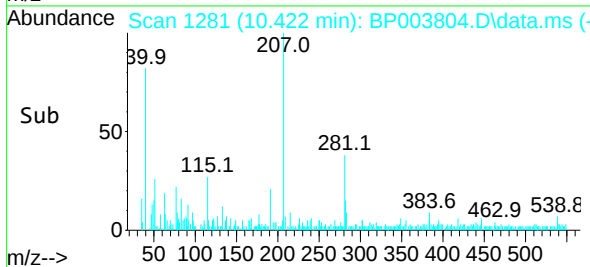
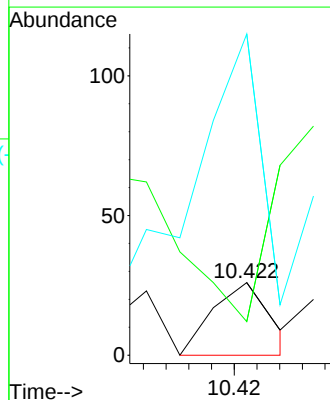
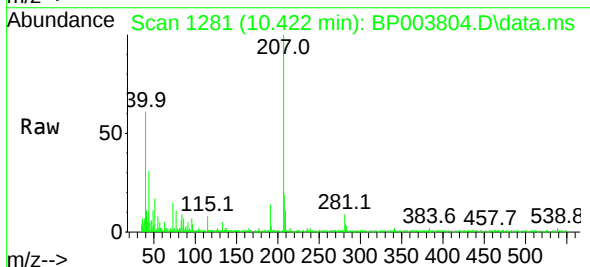
Instrument :
BNA_P
ClientSampleId :

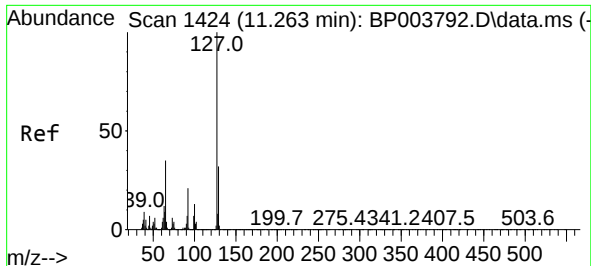
Tgt Ion:128 Resp: 686845
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 46.2 94.1 134.1#
77 442.3 50.1 90.1#

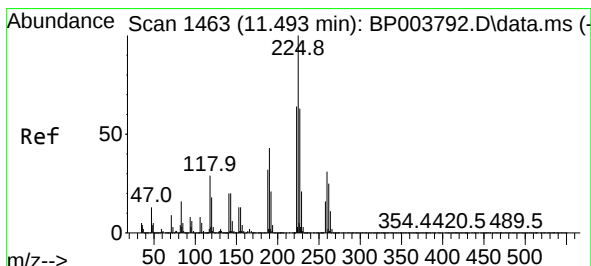
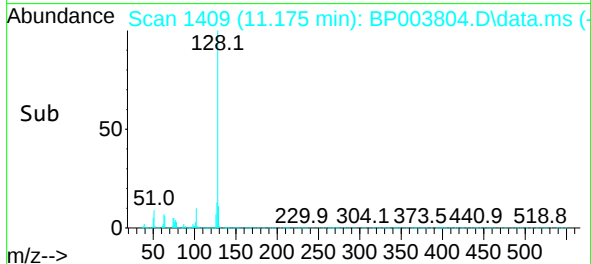
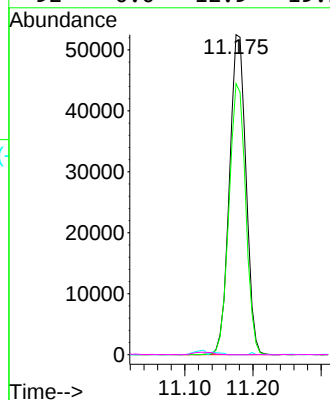
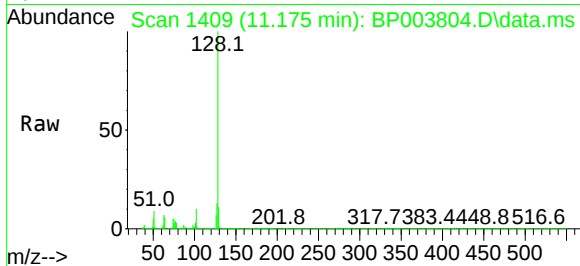




#33
4-Chloroaniline
Concen: 6.83 ng
RT: 11.175 min Scan# 1409
Delta R.T. -0.088 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

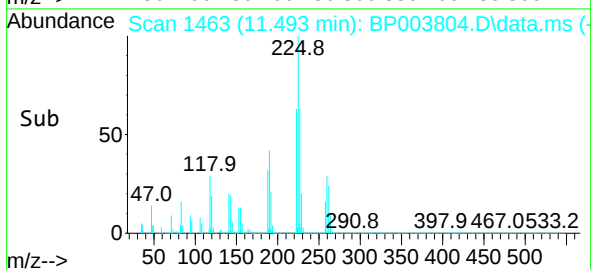
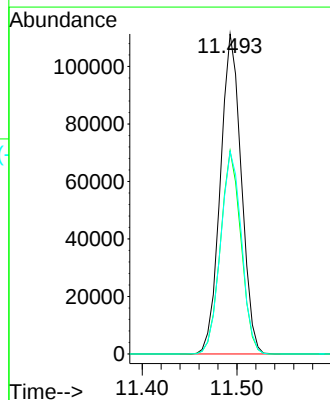
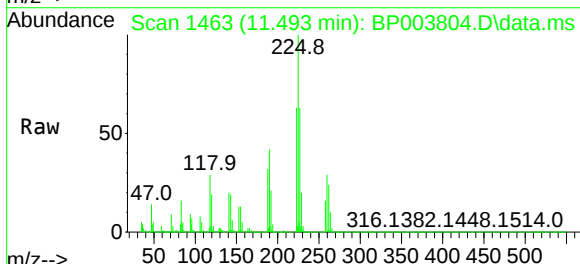
Instrument :
BNA_P
ClientSampleId :

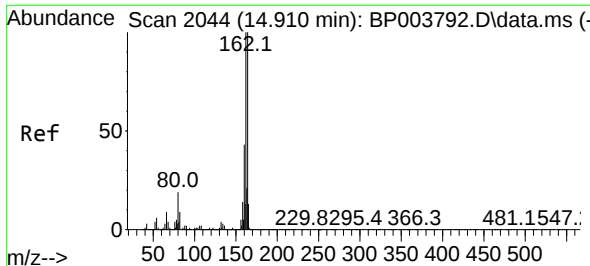
Tgt Ion:	127	Resp:	88518
Ion Ratio	Lower	Upper	
127	100		
129	84.7	25.7	38.5#
65	0.0	17.3	25.9#
92	0.0	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 23.79 ng
RT: 11.493 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:	225	Resp:	171048
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.1	75.1
227	63.2	51.4	77.2

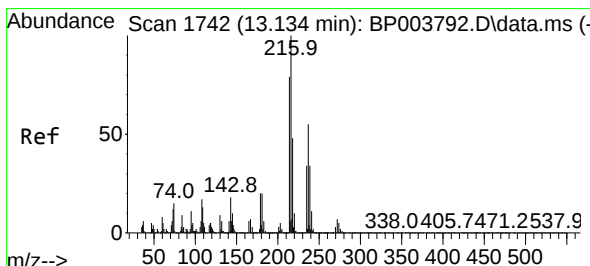
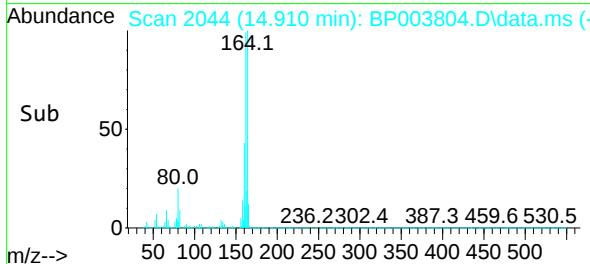
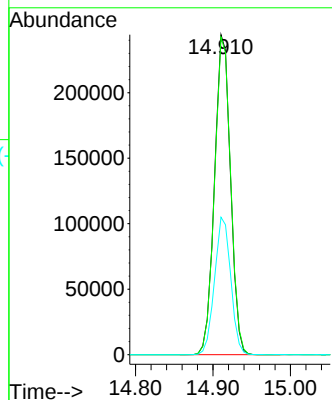
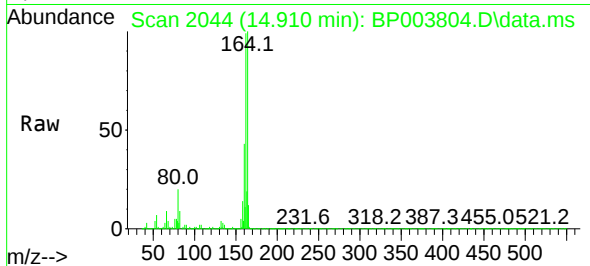




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

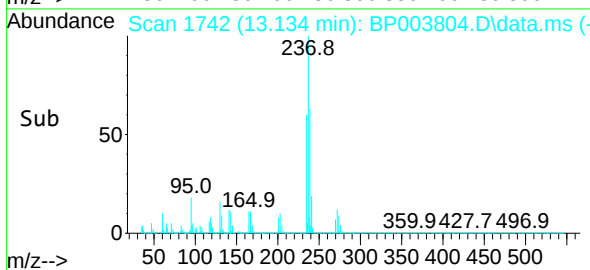
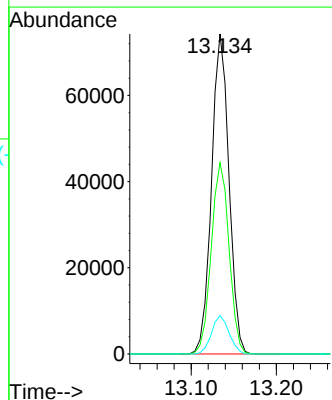
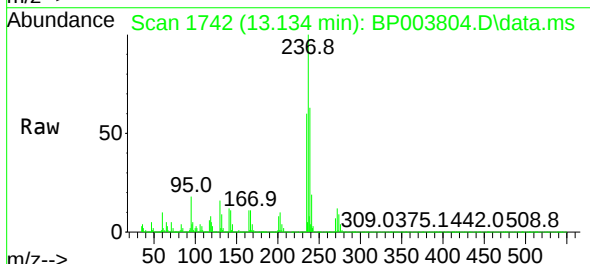
Instrument :
BNA_P
ClientSampled :

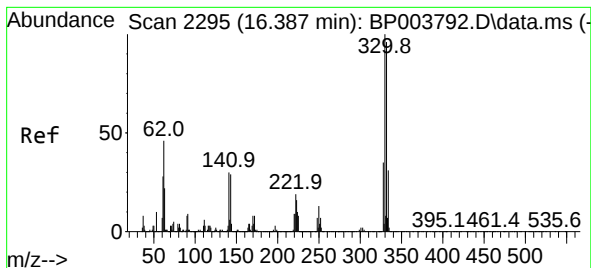
Tgt Ion:164 Resp: 349613
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 43.0 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 18.04 ng
RT: 13.134 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:237 Resp: 105311
Ion Ratio Lower Upper
237 100
235 59.7 43.2 83.2
272 12.0 0.0 33.3

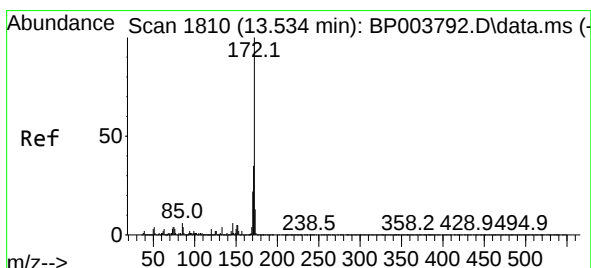
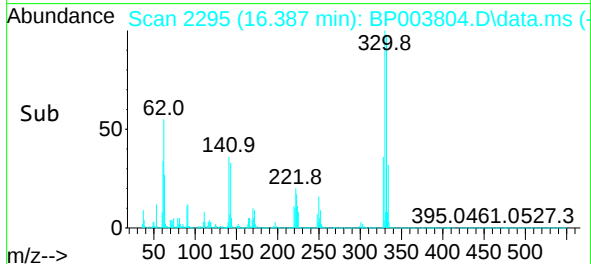
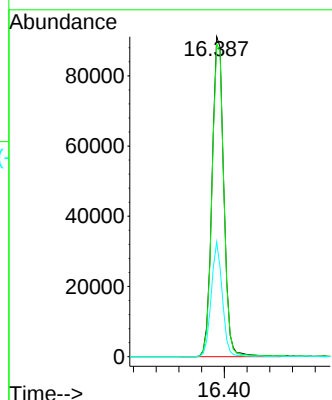
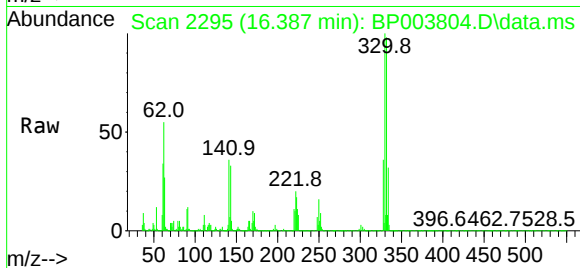




#42
2,4,6-Tribromophenol
Concen: 29.87 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

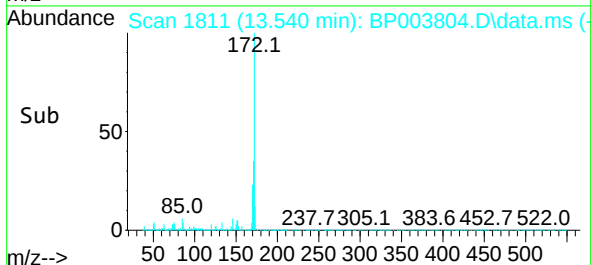
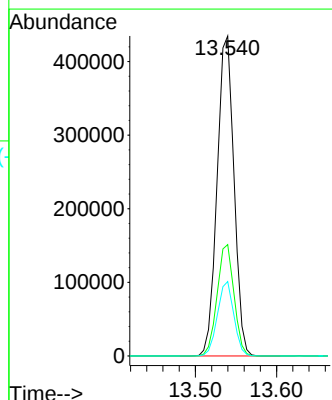
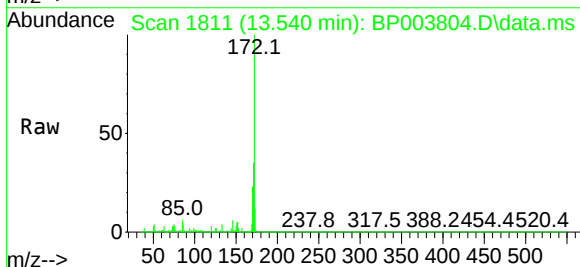
Instrument :
BNA_P
ClientSampleId :

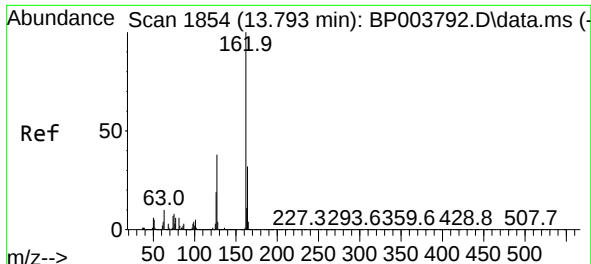
Tgt Ion:330 Resp: 130600
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 33.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 25.14 ng
RT: 13.540 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:172 Resp: 628599
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.3 19.2 28.8

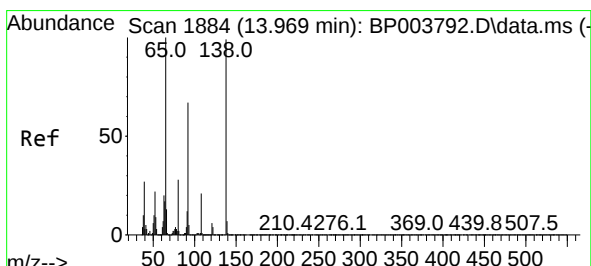
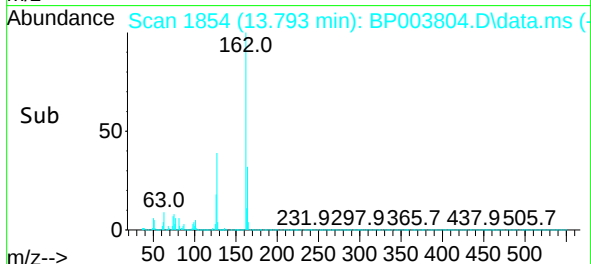
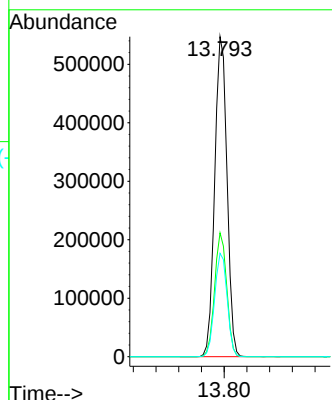
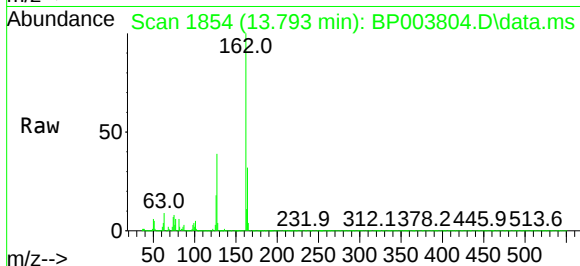




#47
2-Chloronaphthalene
Concen: 36.78 ng
RT: 13.793 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

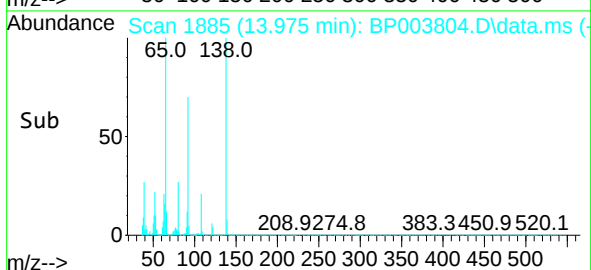
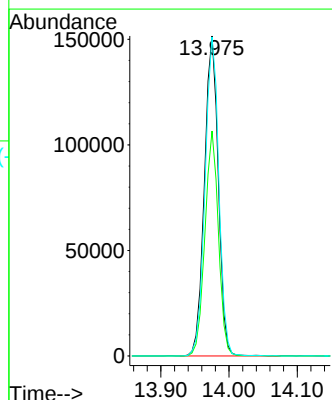
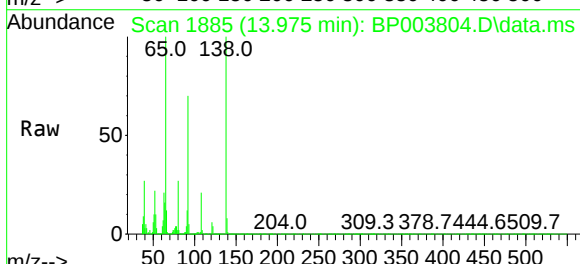
Instrument :
BNA_P
ClientSampleId :

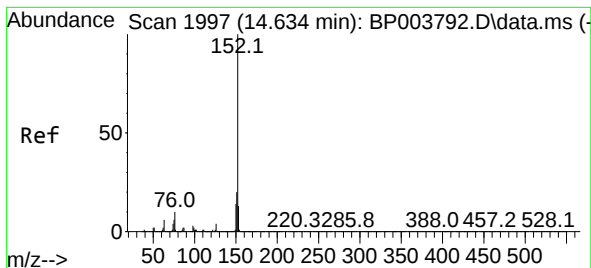
Tgt Ion:162 Resp: 818894
Ion Ratio Lower Upper
162 100
127 38.7 29.9 44.9
164 32.3 26.1 39.1



#48
2-Nitroaniline
Concen: 32.34 ng
RT: 13.975 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion: 65 Resp: 214852
Ion Ratio Lower Upper
65 100
92 70.3 70.6 106.0#
138 99.7 133.6 200.4#





#49

Acenaphthylene

Concen: 23.80 ng

RT: 14.634 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

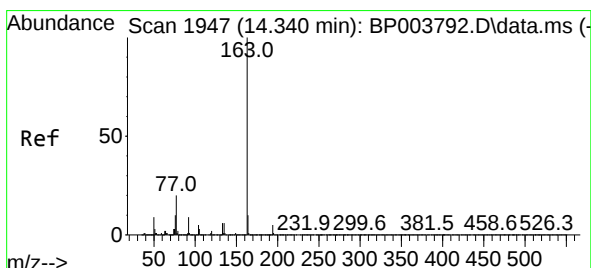
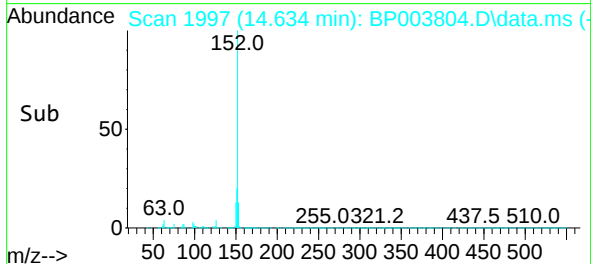
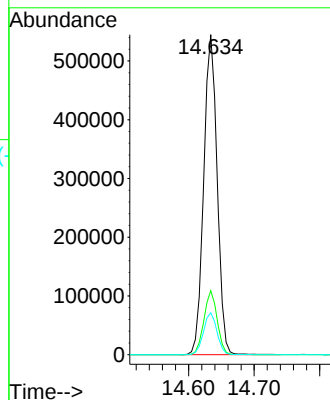
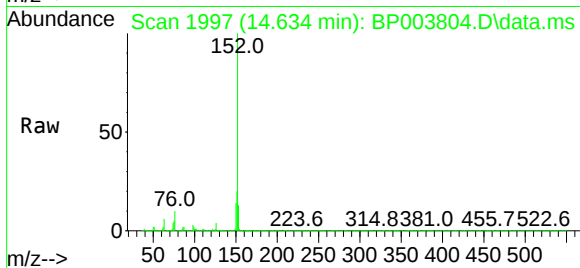
Tgt Ion:152 Resp: 778333

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 32.46 ng

RT: 14.340 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

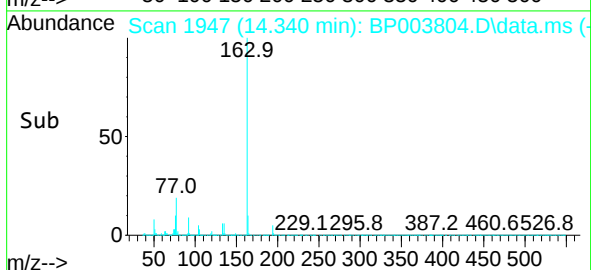
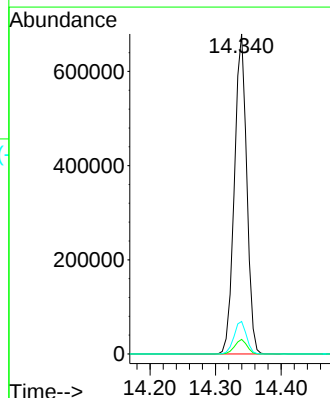
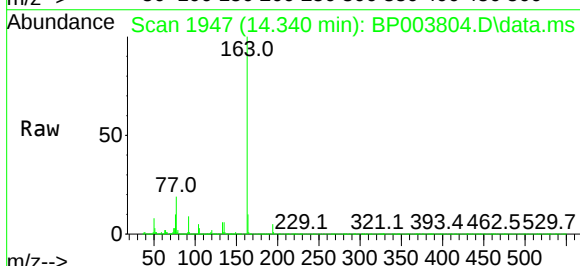
Tgt Ion:163 Resp: 887153

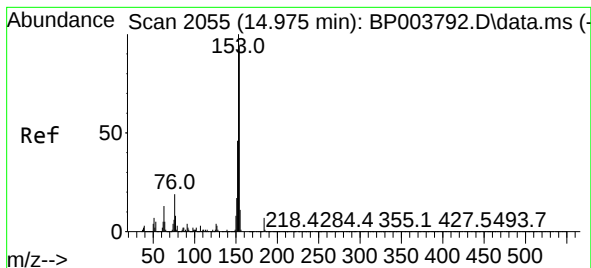
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.2 8.2 12.2

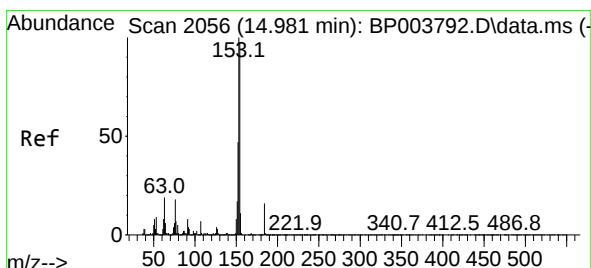
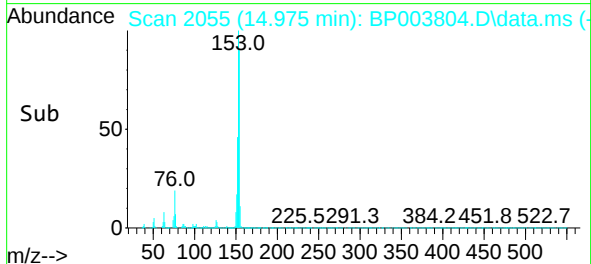
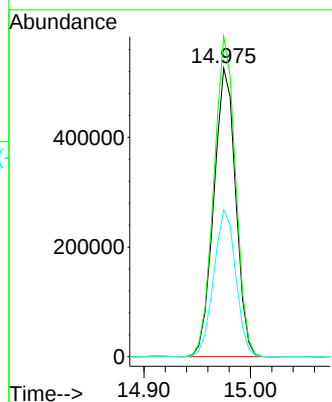
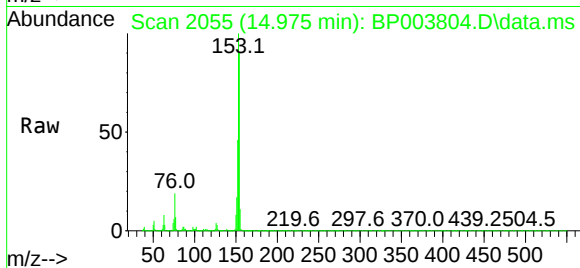




#52
Acenaphthene
Concen: 34.45 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

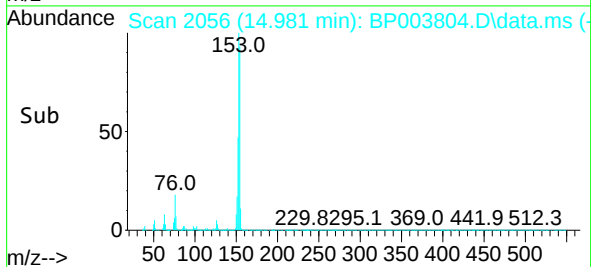
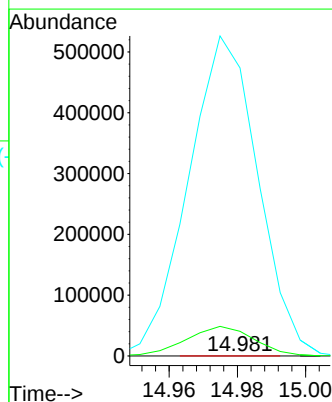
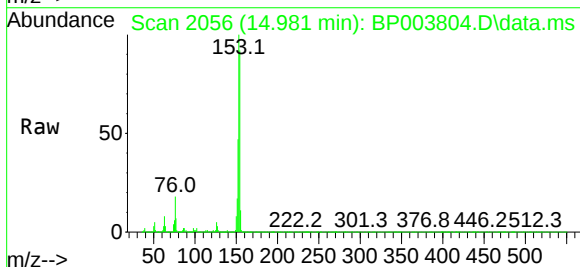
Instrument :
BNA_P
ClientSampleId :

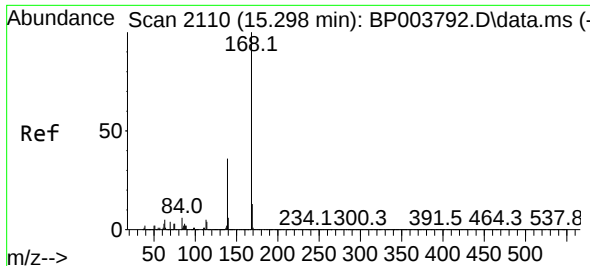
Tgt Ion:154 Resp: 750356
Ion Ratio Lower Upper
154 100
153 110.9 91.0 136.6
152 50.9 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 212968.4 32.3 48.5#
154 2492631.6 49.1 73.7#

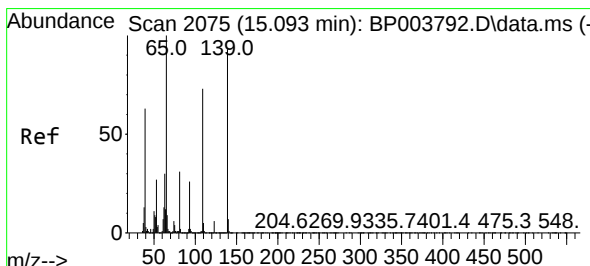
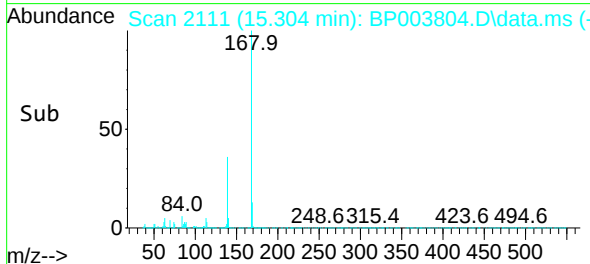
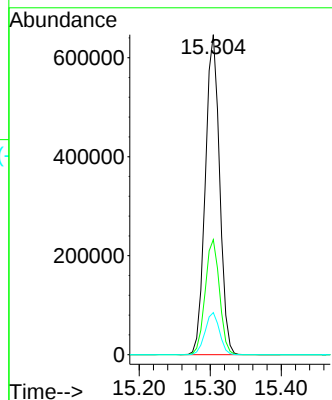
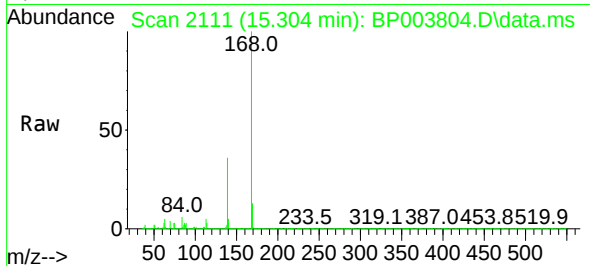




#55
Dibenzofuran
Concen: 27.94 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

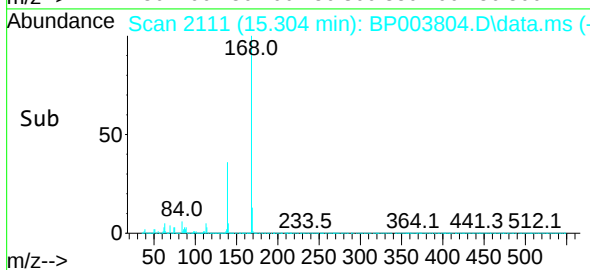
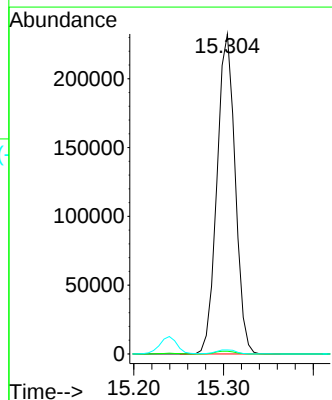
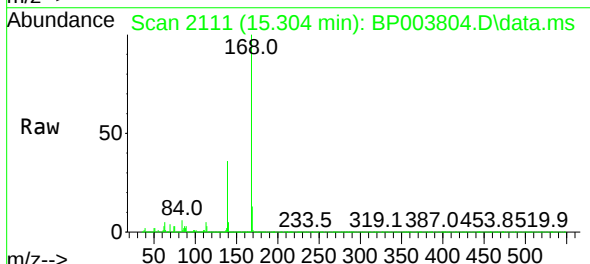
Instrument :
BNA_P
ClientSampled :

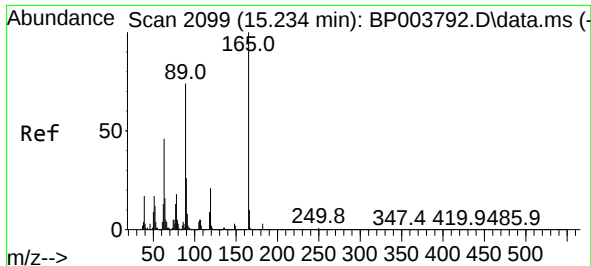
Tgt Ion:168 Resp: 904294
Ion Ratio Lower Upper
168 100
139 36.0 29.1 43.7
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 73.08 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.212 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:139 Resp: 326944
Ion Ratio Lower Upper
139 100
109 0.8 44.6 84.6#
65 1.3 41.6 81.6#

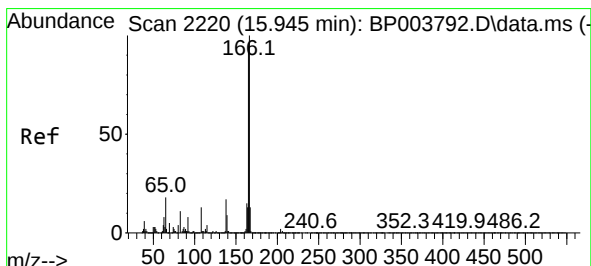
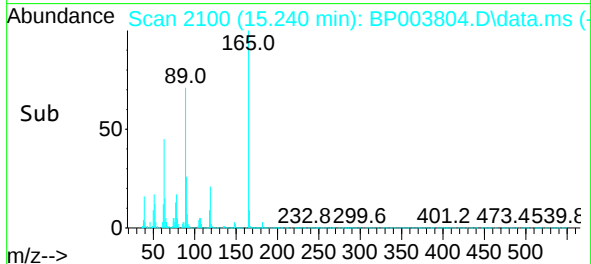
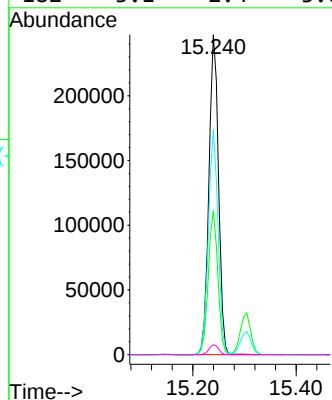
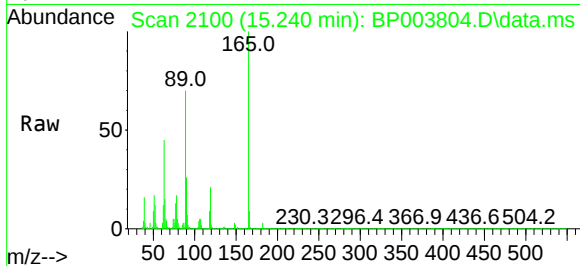




#57
2,4-Dinitrotoluene
Concen: 42.33 ng
RT: 15.240 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

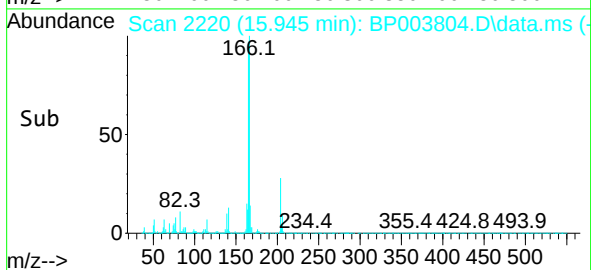
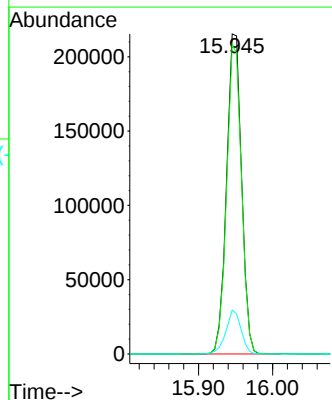
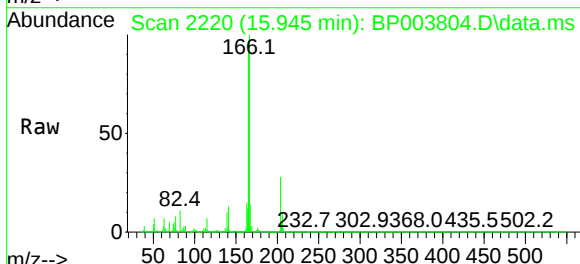
Instrument :
BNA_P
ClientSampled :

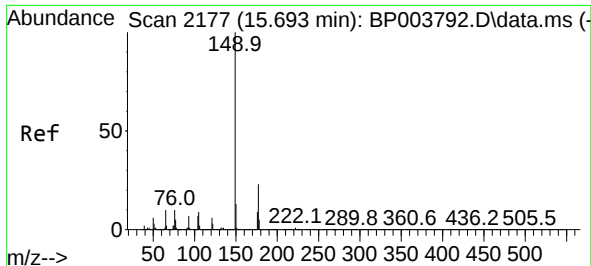
Tgt Ion:165 Resp: 318681
Ion Ratio Lower Upper
165 100
63 45.1 20.6 31.0#
89 70.3 42.6 63.8#
182 3.1 2.4 3.6



#58
Fluorene
Concen: 11.65 ng
RT: 15.945 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:166 Resp: 301861
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.8
167 13.7 11.0 16.4

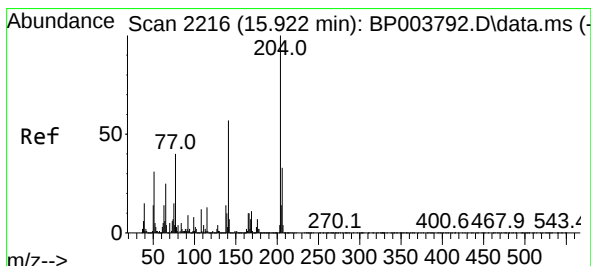
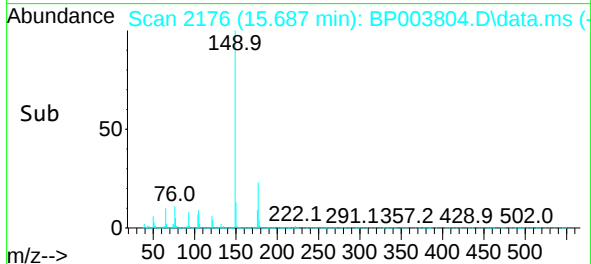
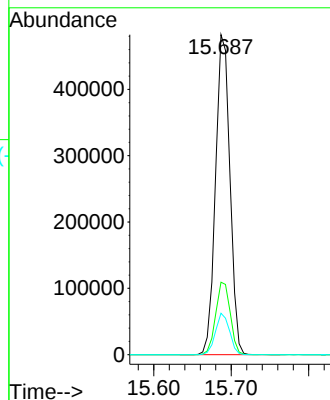
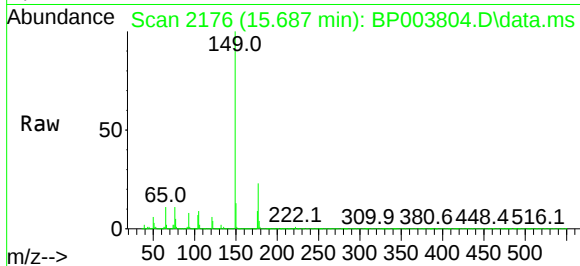




#60
Diethylphthalate
Concen: 23.26 ng
RT: 15.687 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

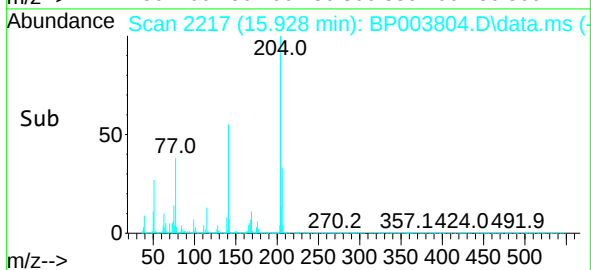
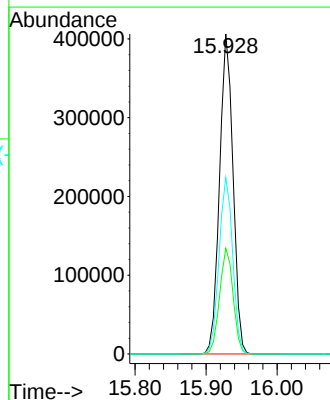
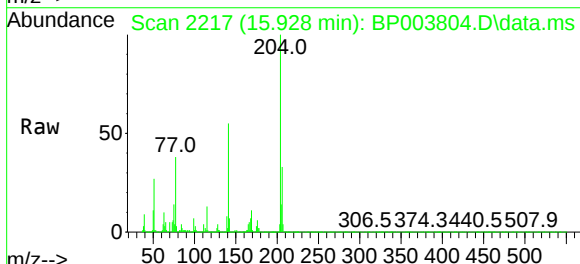
Instrument :
BNA_P
ClientSampled :

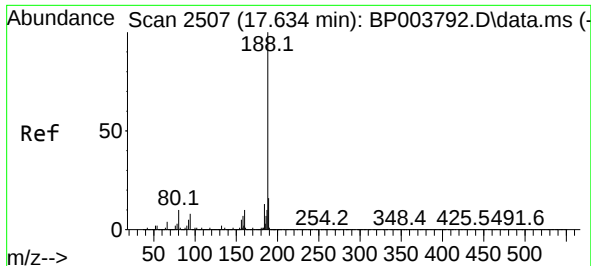
Tgt Ion:149 Resp: 622263
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.9 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 37.71 ng
RT: 15.928 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:204 Resp: 534096
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 55.1 46.5 69.7

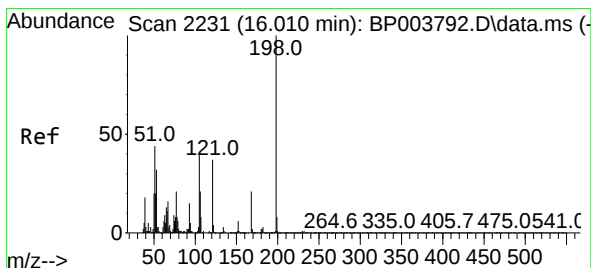
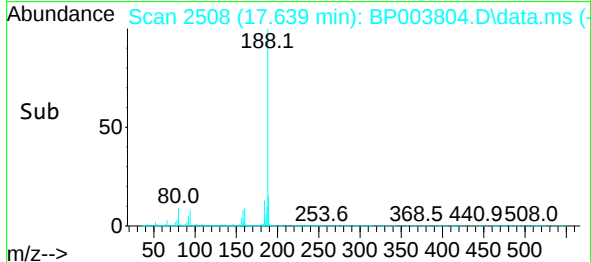
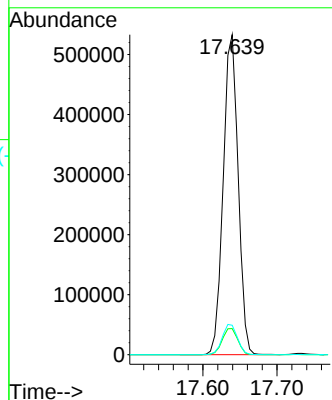
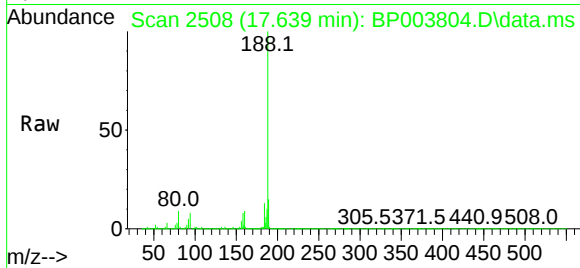




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

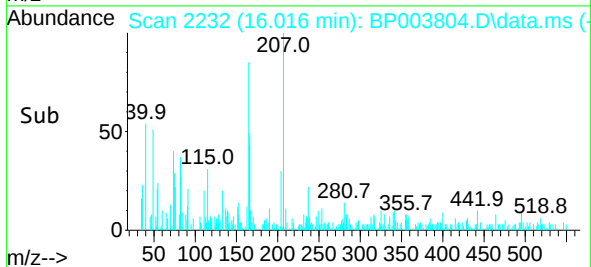
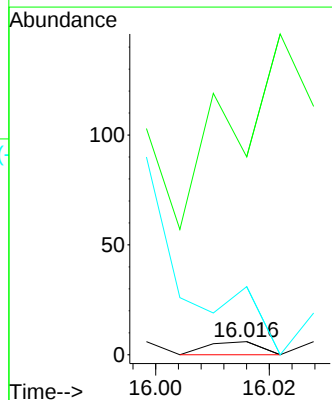
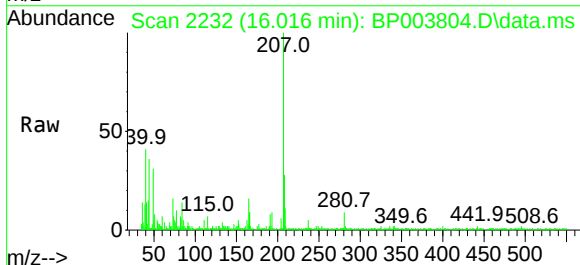
Instrument :
BNA_P
ClientSampled :

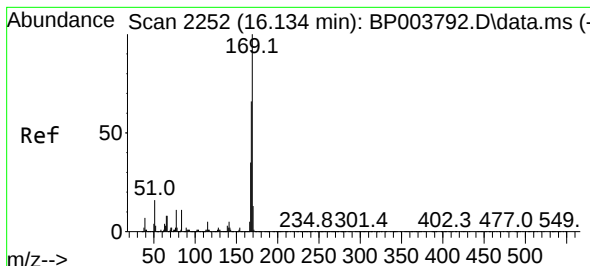
Tgt Ion:188 Resp: 745352
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 1500.0 6.4 46.4#
105 516.7 18.9 58.9#

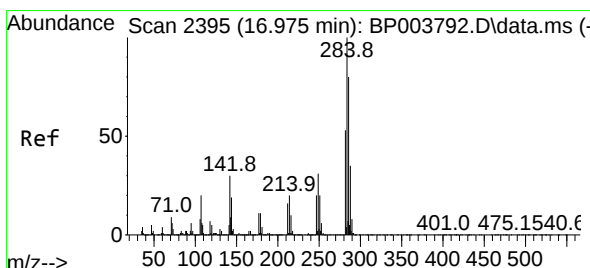
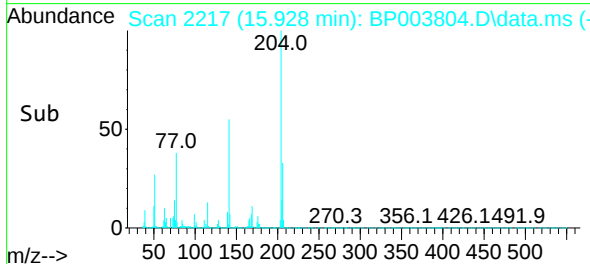
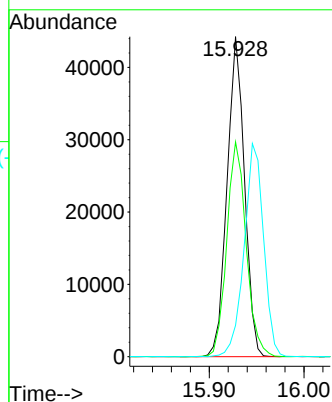
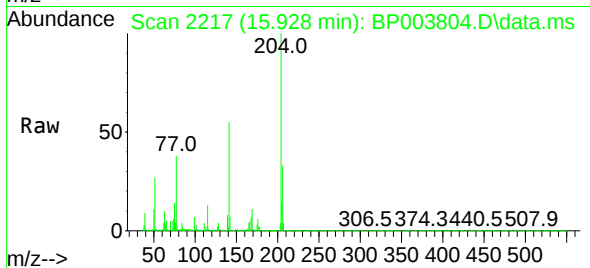




#66
n-Nitrosodiphenylamine
Concen: 2.48 ng
RT: 15.928 min Scan# 2217
Delta R.T. -0.206 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

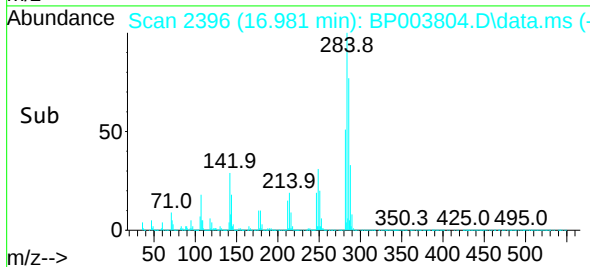
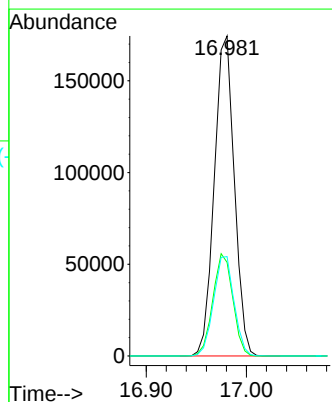
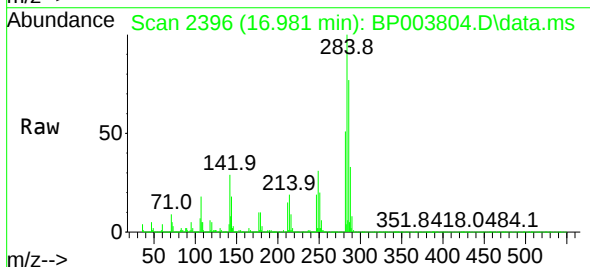
Instrument :
BNA_P
ClientSampled :

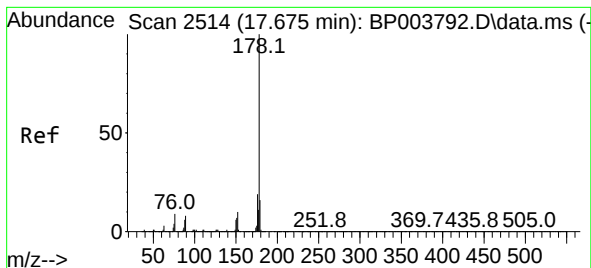
Tgt Ion:169 Resp: 56633
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 9.8 28.9 43.3#



#68
Hexachlorobenzene
Concen: 24.31 ng
RT: 16.981 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:284 Resp: 241913
Ion Ratio Lower Upper
284 100
142 29.3 24.2 36.4
249 31.0 23.8 35.8





#71

Phenanthrene

Concen: 15.02 ng

RT: 17.681 min Scan# 2515

Delta R.T. 0.006 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

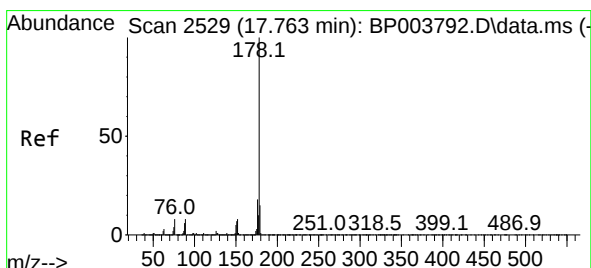
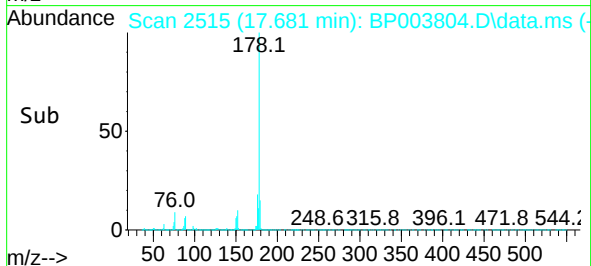
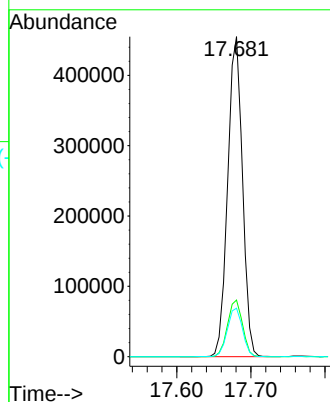
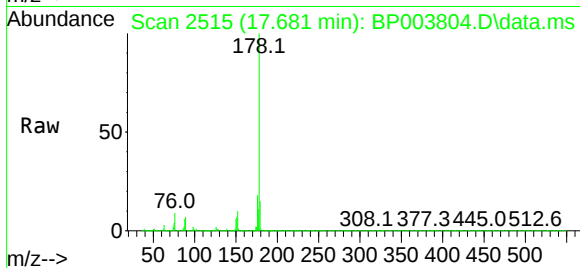
Tgt Ion:178 Resp: 628373

Ion Ratio Lower Upper

178 100

176 17.7 15.3 22.9

179 15.2 12.5 18.7



#72

Anthracene

Concen: 15.55 ng

RT: 17.681 min Scan# 2515

Delta R.T. -0.082 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

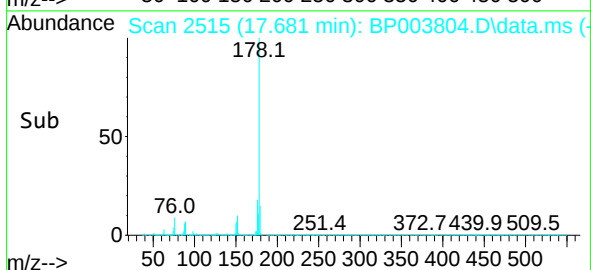
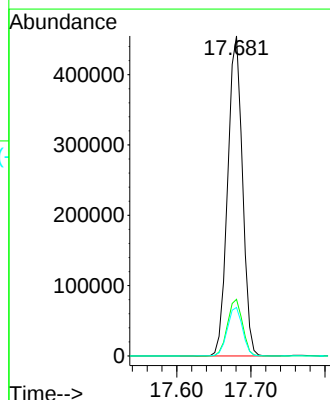
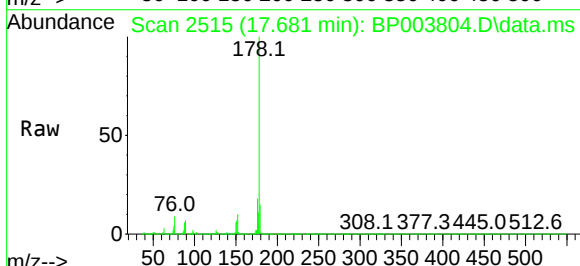
Tgt Ion:178 Resp: 628373

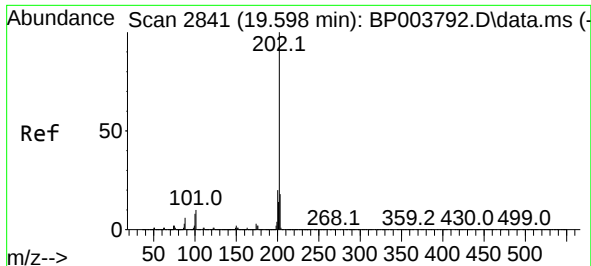
Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.4

179 15.2 12.5 18.7

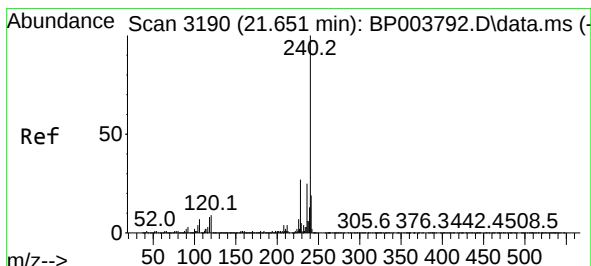
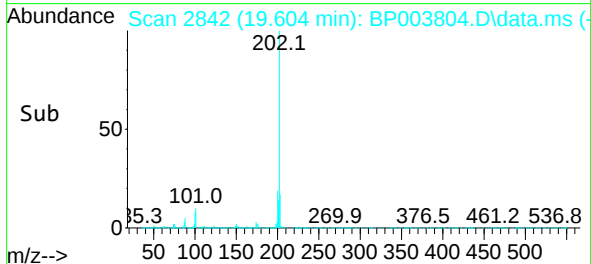
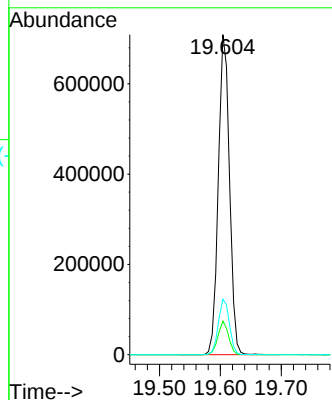
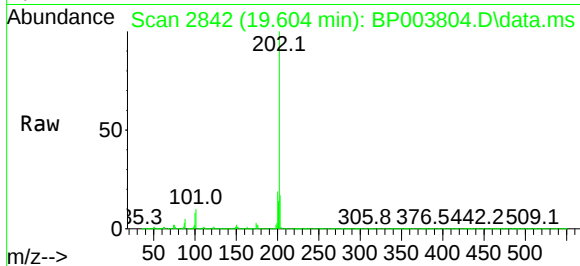




#75
Fluoranthene
Concen: 18.63 ng
RT: 19.604 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

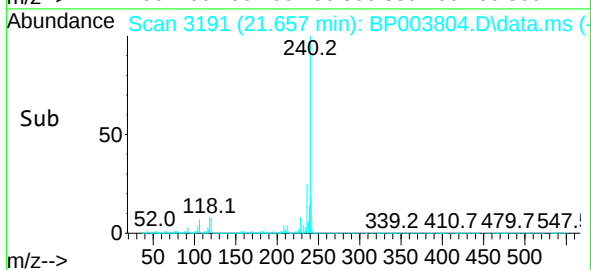
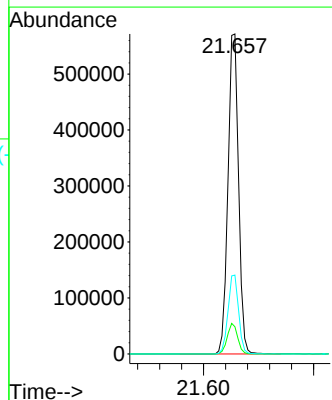
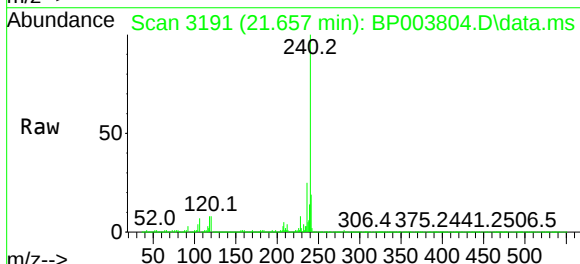
Instrument :
BNA_P
ClientSampled :

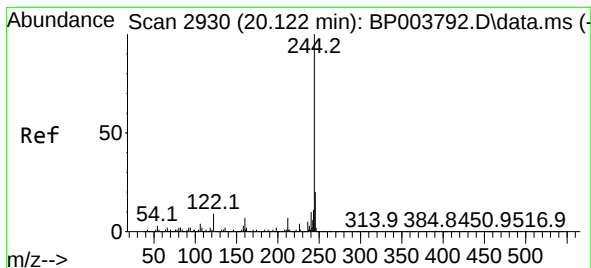
Tgt Ion:202 Resp: 899090
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:240 Resp: 760906
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 24.7 20.8 31.2





#79

Terphenyl-d14

Concen: 23.48 ng

RT: 20.128 min Scan# 2931

Delta R.T. 0.006 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

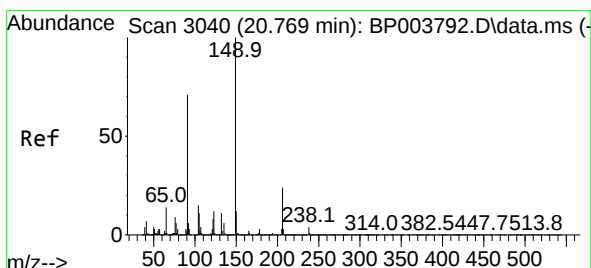
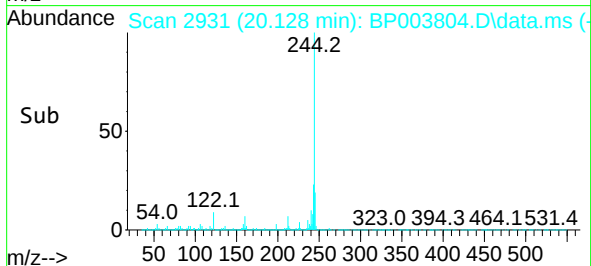
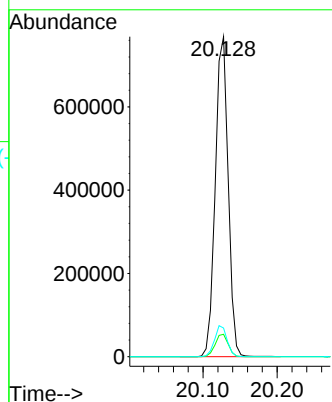
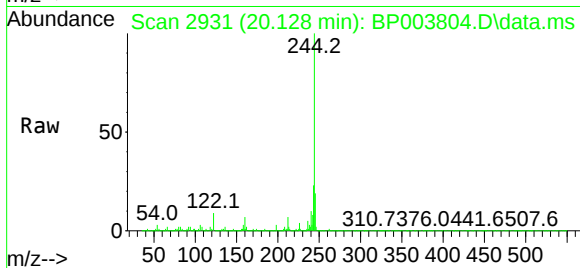
Tgt Ion:244 Resp: 924956

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.9 7.8 11.8



#80

Butylbenzylphthalate

Concen: 39.81 ng

RT: 20.775 min Scan# 3041

Delta R.T. 0.006 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

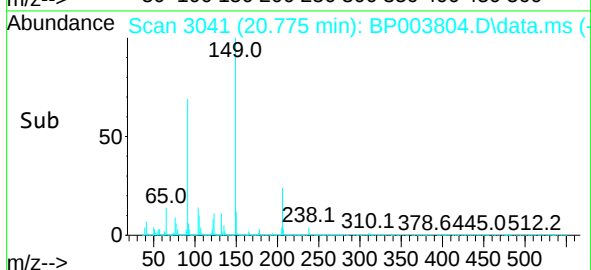
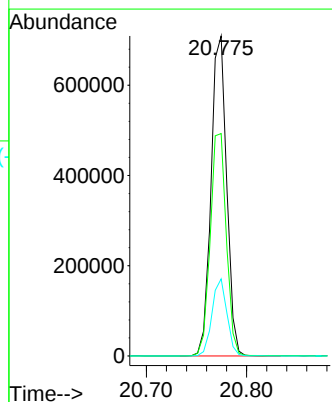
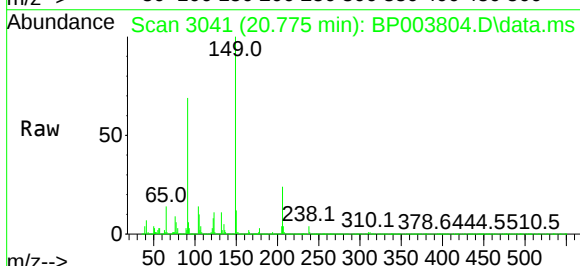
Tgt Ion:149 Resp: 766007

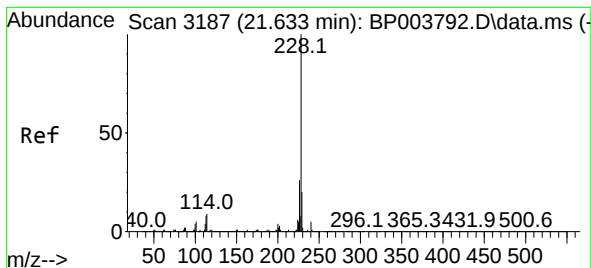
Ion Ratio Lower Upper

149 100

91 69.5 45.4 68.0#

206 24.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 16.00 ng

RT: 21.639 min Scan# 3188

Delta R.T. 0.006 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

Instrument :

BNA_P

ClientSampled :

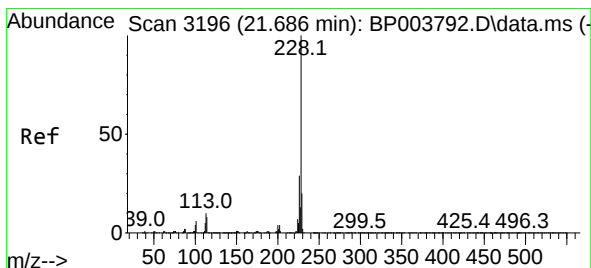
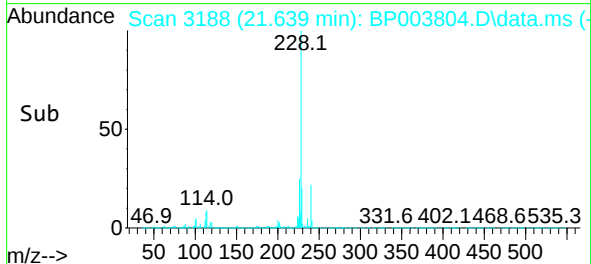
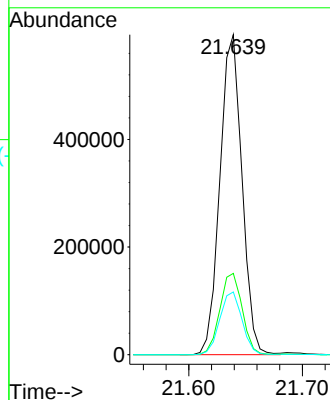
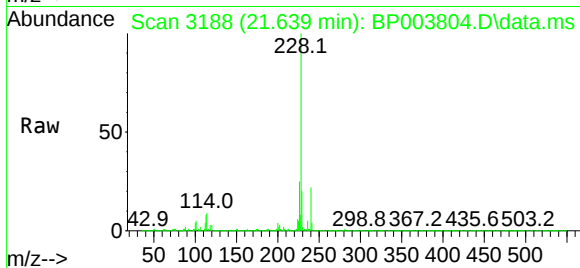
Tgt Ion:228 Resp: 802783

Ion Ratio Lower Upper

228 100

226 25.4 22.1 33.1

229 19.6 15.9 23.9



#83

Chrysene

Concen: 16.65 ng

RT: 21.639 min Scan# 3188

Delta R.T. -0.047 min

Lab File: BP003804.D

Acq: 04 Nov 2020 13:19

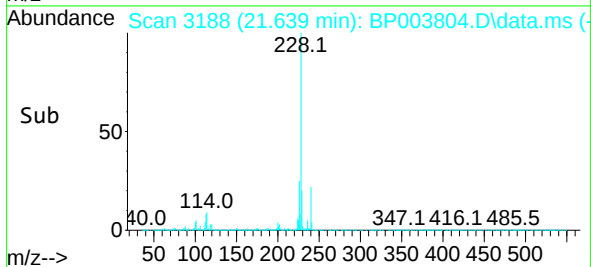
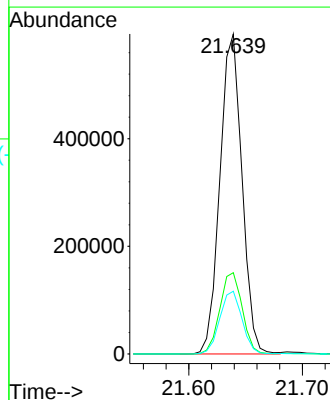
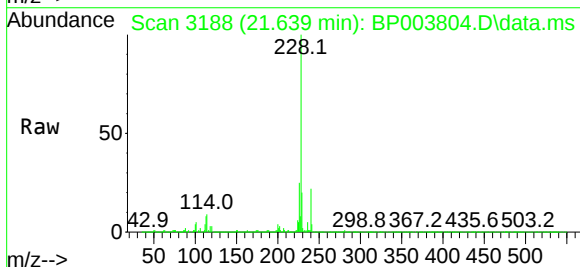
Tgt Ion:228 Resp: 802783

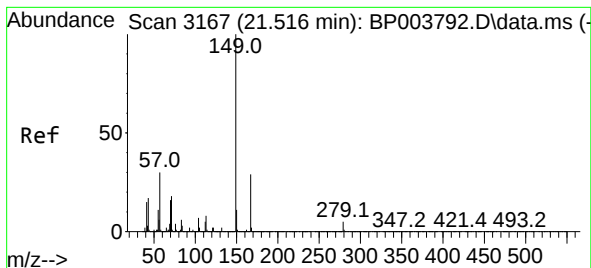
Ion Ratio Lower Upper

228 100

226 25.4 24.4 36.6

229 19.6 15.8 23.6

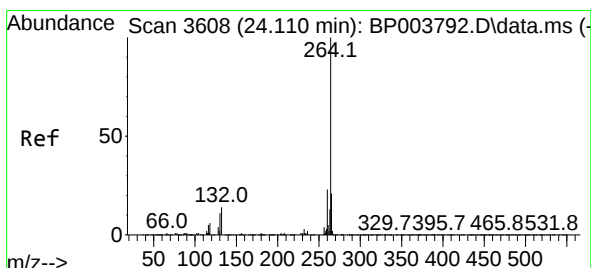
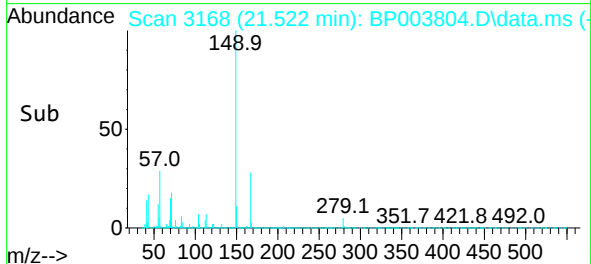
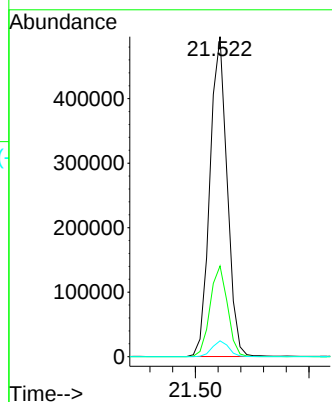
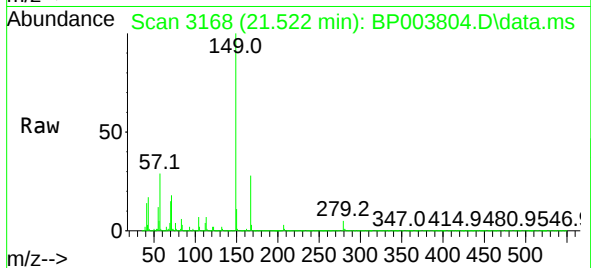




#84
Bis(2-ethylhexyl)phthalate
Concen: 18.41 ng
RT: 21.522 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

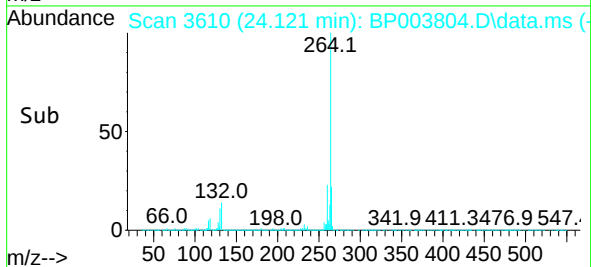
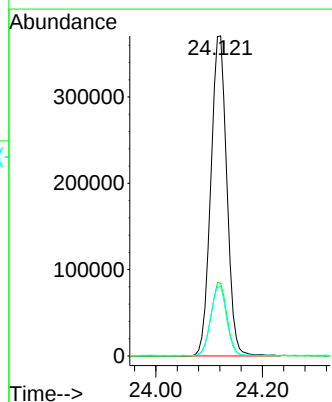
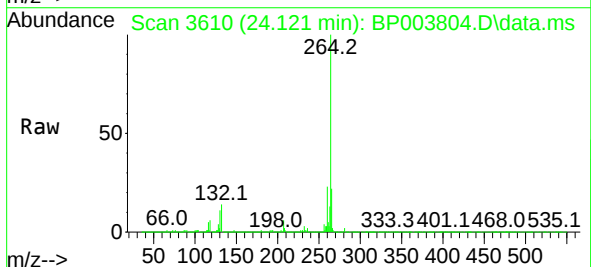
Instrument :
BNA_P
ClientSampled :

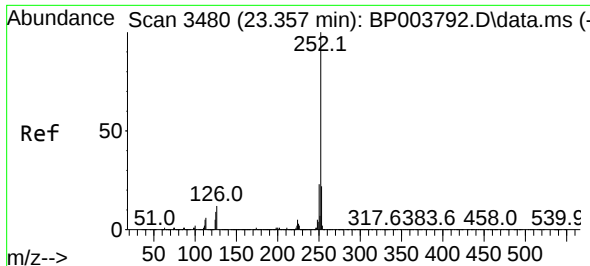
Tgt Ion:149 Resp: 522003
Ion Ratio Lower Upper
149 100
167 28.3 22.6 34.0
279 4.9 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:264 Resp: 771875
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.7 17.4 26.2

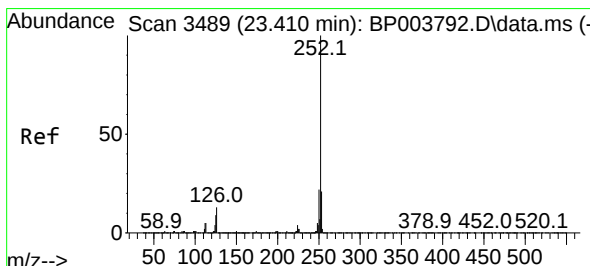
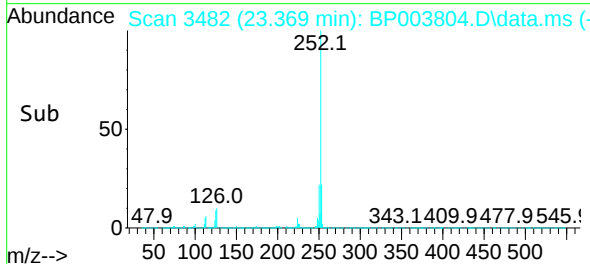
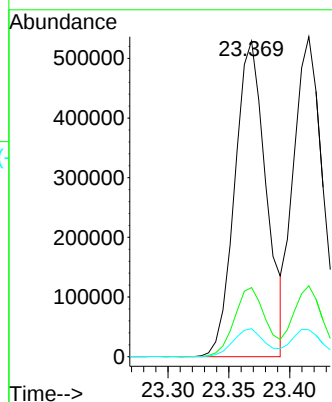
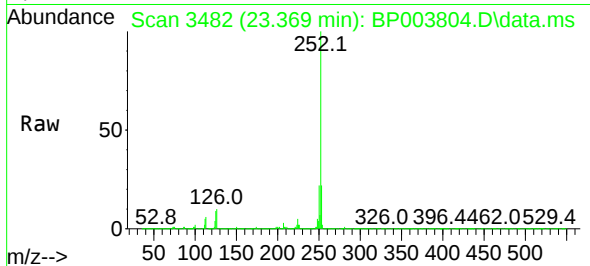




#88
Benzo(b)fluoranthene
Concen: 18.76 ng
RT: 23.369 min Scan# 3482
Delta R.T. 0.012 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

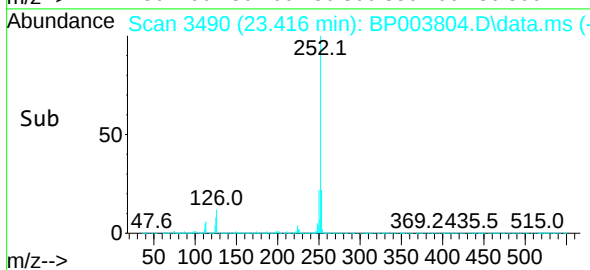
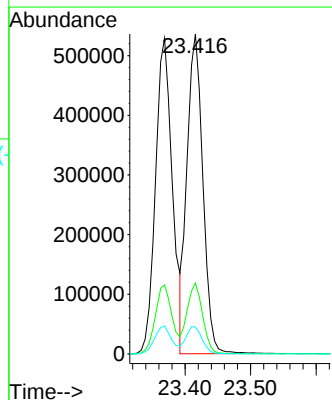
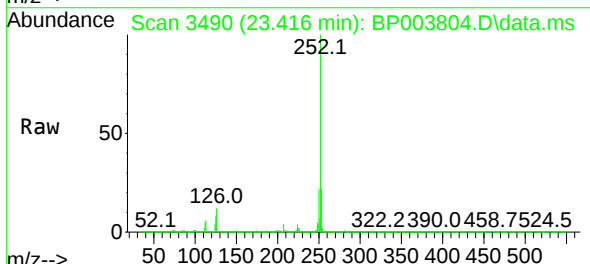
Instrument :
BNA_P
ClientSampleId :

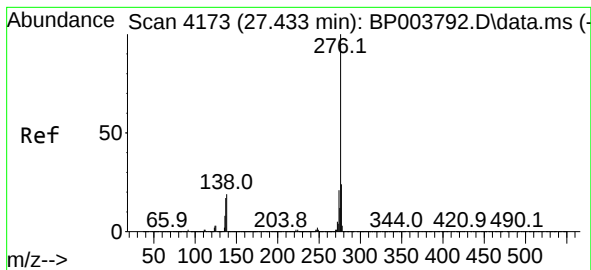
Tgt Ion:252 Resp: 947371
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.9 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 17.98 ng
RT: 23.416 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Tgt Ion:252 Resp: 896674
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.4 7.4 11.2





#92
Benzo(g,h,i)perylene
Concen: 20.81 ng
RT: 27.445 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BP003804.D
Acq: 04 Nov 2020 13:19

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	276	Resp:	934712
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	17.8	16.6	24.8

