

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005156.D
 Acq On : 02 Apr 2021 13:22
 Operator : CG/JU
 Sample : M1836-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B6-10-12

Quant Time: Apr 02 15:06:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

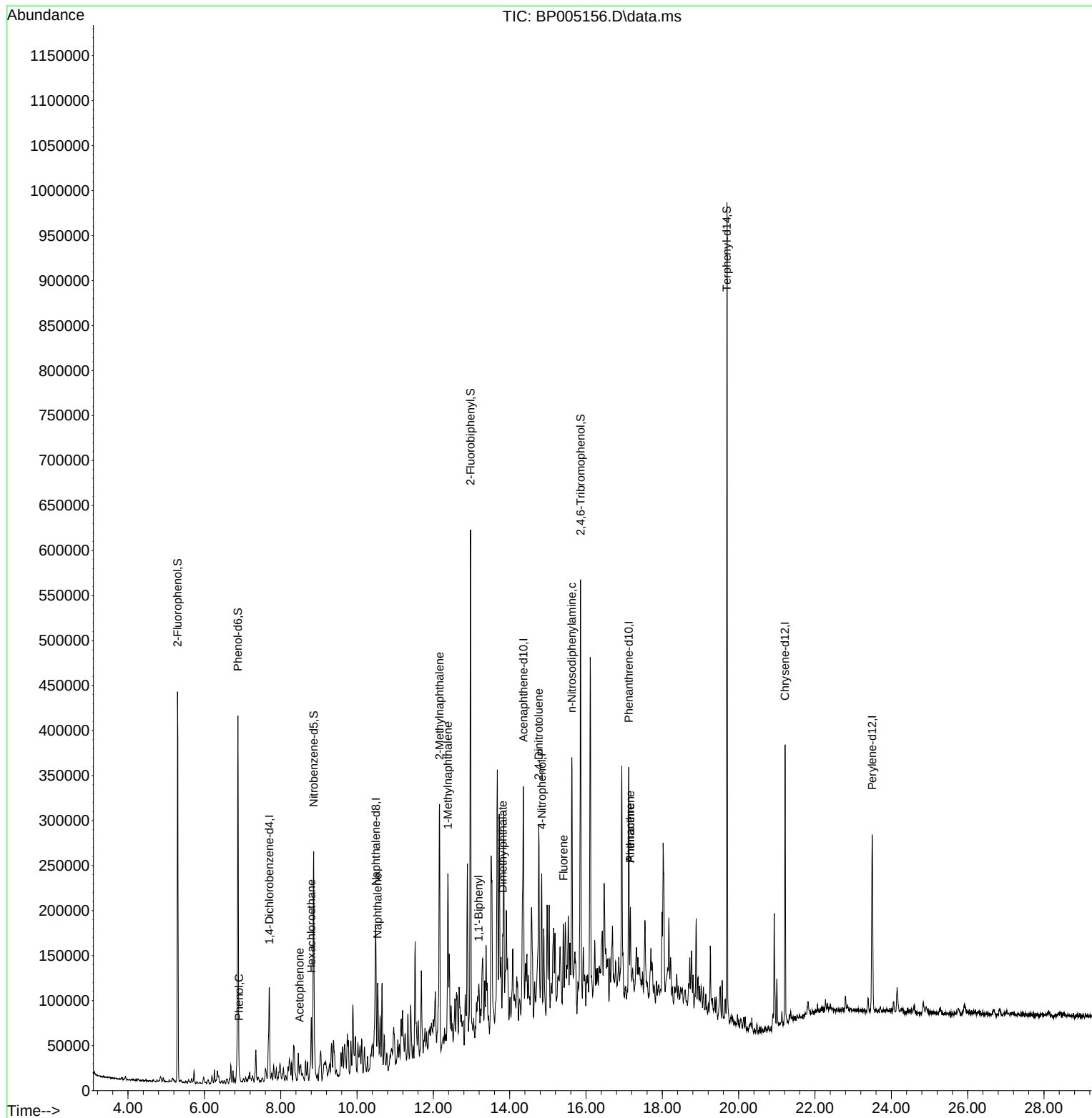
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	26755	20.00	ng	0.00
21) Naphthalene-d8	10.492	136	104269	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	68363	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	133753	20.00	ng	# 0.00
76) Chrysene-d12	21.215	240	138052	20.00	ng	-0.01
86) Perylene-d12	23.498	264	143215	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	174604	100.43	ng	0.00
7) Phenol-d6	6.881	99	230054	92.38	ng	0.00
23) Nitrobenzene-d5	8.863	82	149556	61.54	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	72519	81.42	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	274085	54.23	ng	0.00
79) Terphenyl-d14	19.692	244	403159	53.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.910	94	5695	2.23	ng	80
18) Hexachloroethane	8.804	117	5704	7.24	ng	# 1
22) Acetophenone	8.498	105	7836	2.61	ng	# 61
31) Naphthalene	10.539	128	46149	7.83	ng	98
37) 2-Methylnaphthalene	12.163	142	121466	28.56	ng	# 94
38) 1-Methylnaphthalene	12.381	142	79483	19.94	ng	# 97
46) 1,1'-Biphenyl	13.186	154	17782	3.41	ng	95
50) Dimethylphthalate	13.816	163	18654	3.54	ng	98
56) 4-Nitrophenol	14.839	139	2647	2.83	ng	82
57) 2,4-Dinitrotoluene	14.763	165	3591	2.19	ng	# 59
58) Fluorene	15.410	166	14998	2.79	ng	# 89
66) n-Nitrosodiphenylamine	15.627	169	23073	5.37	ng	# 55
71) Phenanthrene	17.163	178	51982	6.70	ng	98
72) Anthracene	17.163	178	51982	6.86	ng	99

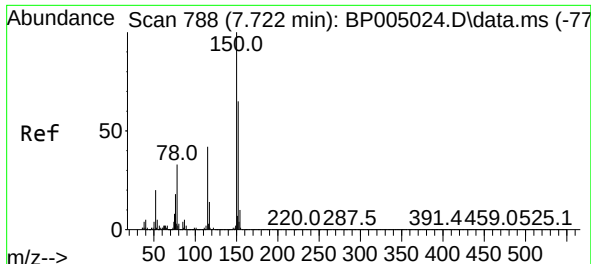
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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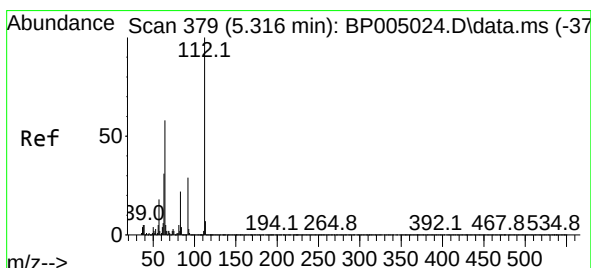
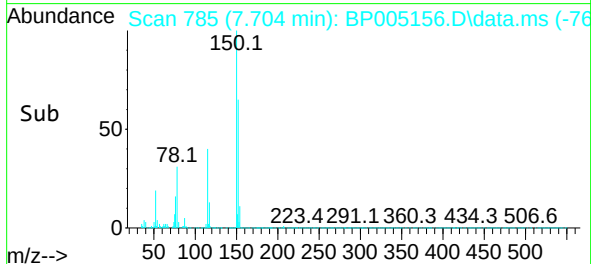
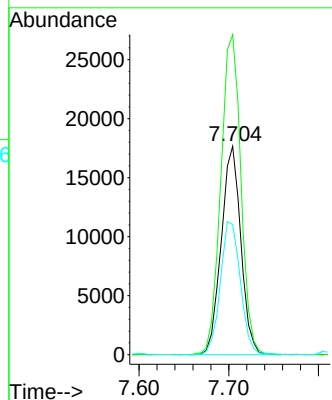
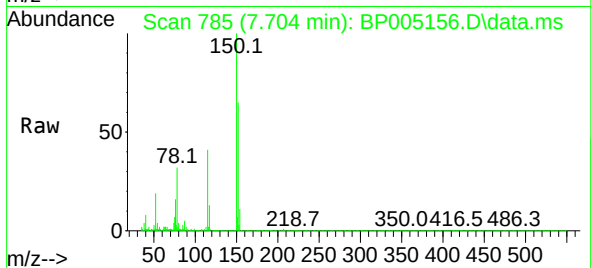




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.001 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

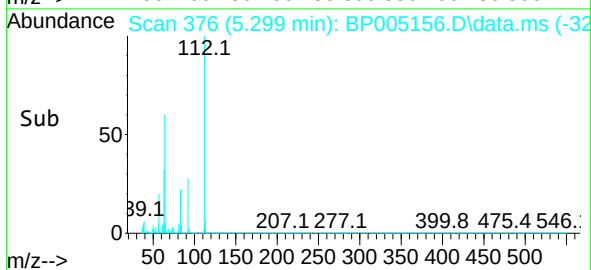
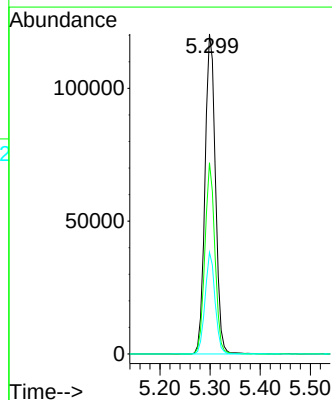
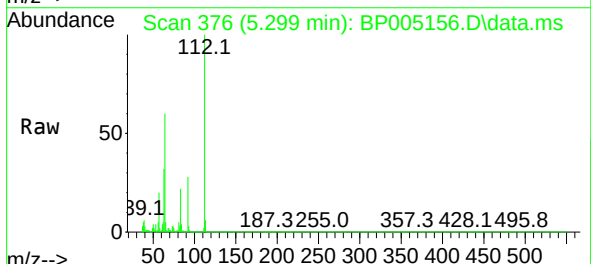
Instrument :
BNA_P
ClientSampleId :
B6-10-12

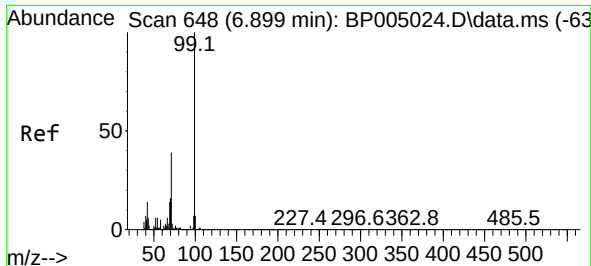
Tgt Ion:152 Resp: 26755
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 62.4 43.8 65.6



#5
2-Fluorophenol
Concen: 100.43 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

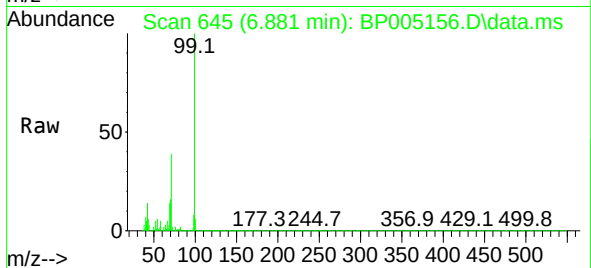
Tgt Ion:112 Resp: 174604
Ion Ratio Lower Upper
112 100
64 59.7 32.8 49.2#
63 31.8 17.0 25.4#



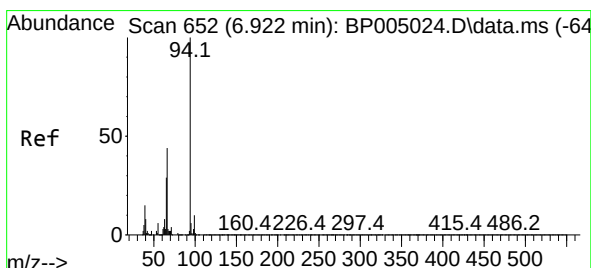
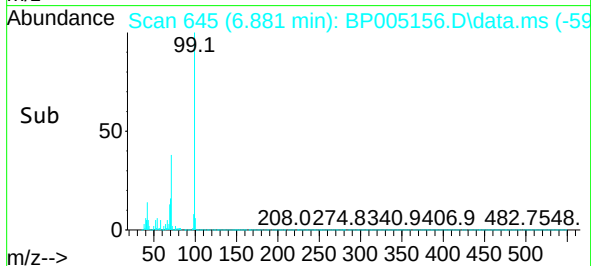
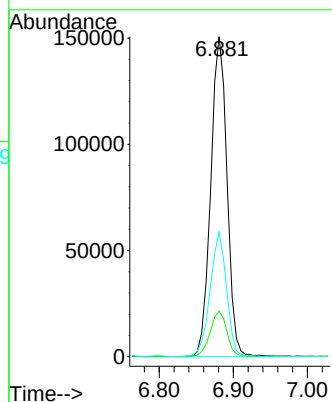


#7
Phenol-d6
Concen: 92.38 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Instrument :
BNA_P
ClientSampleId :
B6-10-12

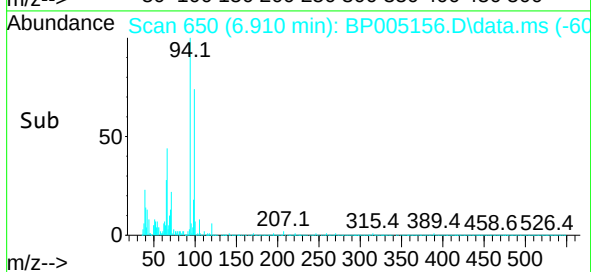
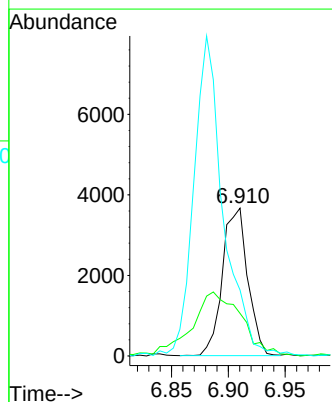
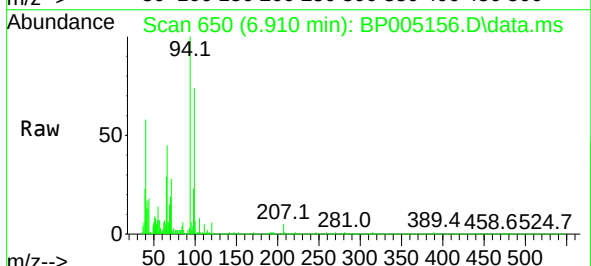


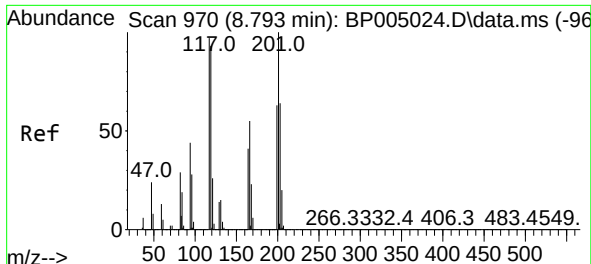
Tgt Ion: 99 Resp: 230054
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 38.8 23.4 35.2#



#10
Phenol
Concen: 2.23 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion: 94 Resp: 5695
Ion Ratio Lower Upper
94 100
65 28.8 2.3 42.3
66 44.6 10.9 50.9

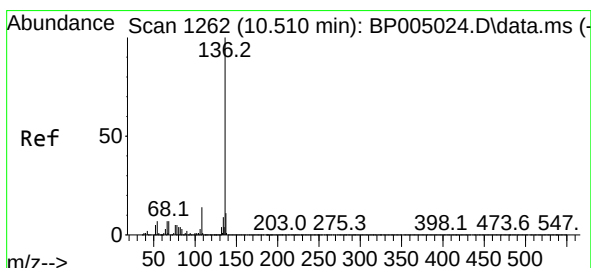
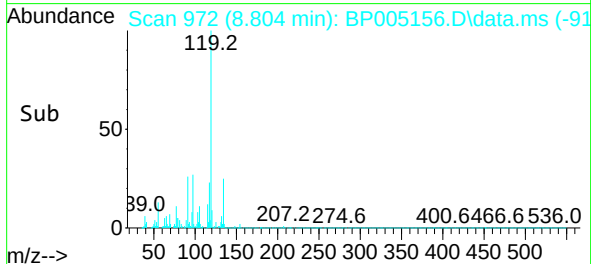
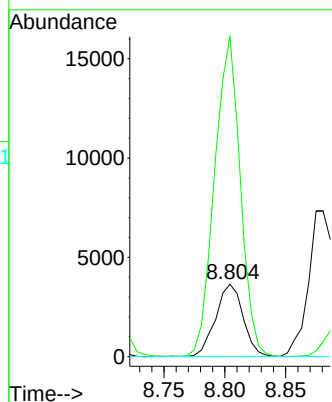
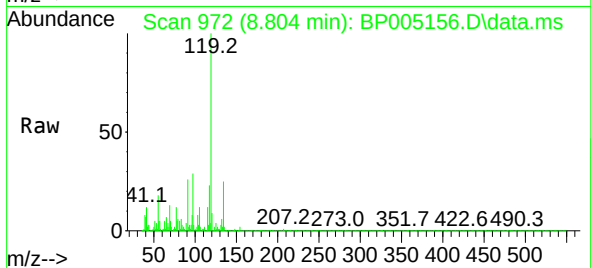




#18
Hexachloroethane
Concen: 7.24 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.029 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

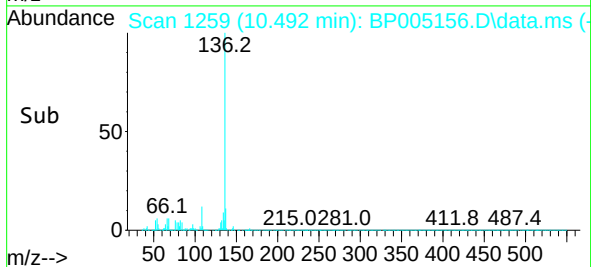
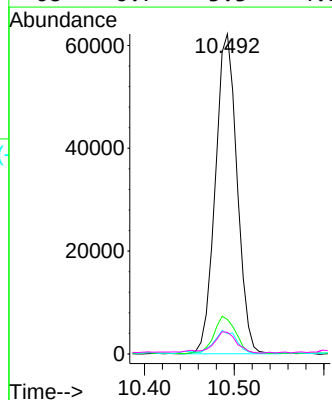
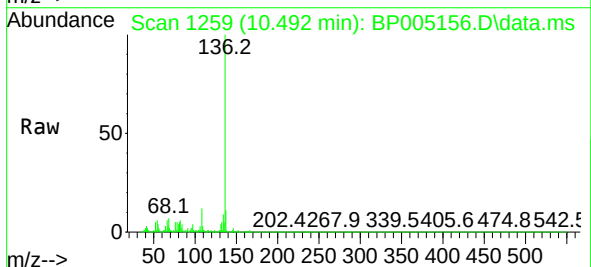
Instrument :
BNA_P
ClientSampleId :
B6-10-12

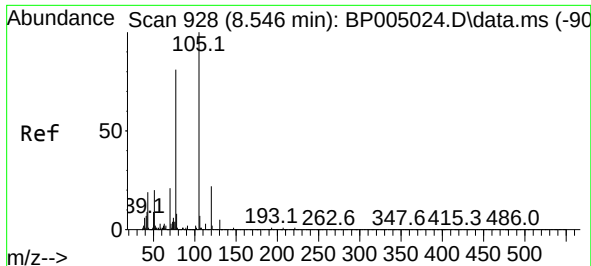
Tgt Ion:117 Resp: 5704
Ion Ratio Lower Upper
117 100
119 441.3 78.8 118.2#
201 0.2 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

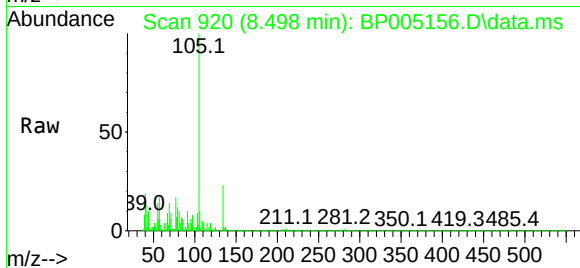
Tgt Ion:136 Resp: 104269
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.3 3.6 5.4#
68 6.7 3.3 4.9#



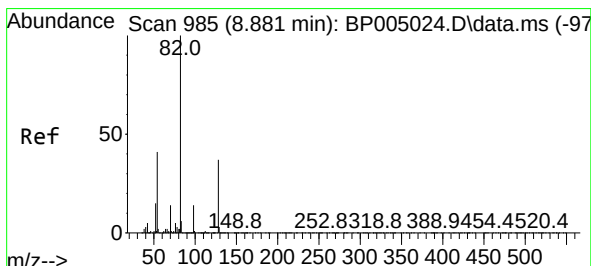
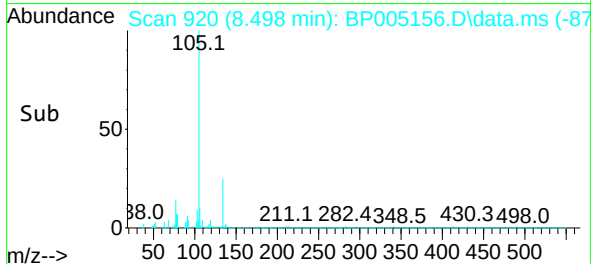
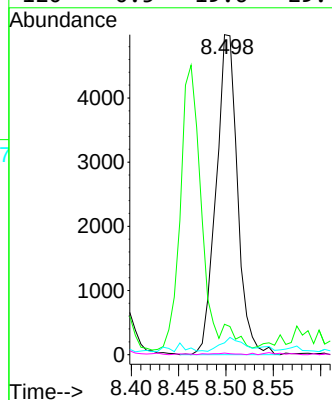


#22
Acetophenone
Concen: 2.61 ng
RT: 8.498 min Scan# 920
Delta R.T. -0.036 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Instrument :
BNA_P
ClientSampleId :
B6-10-12

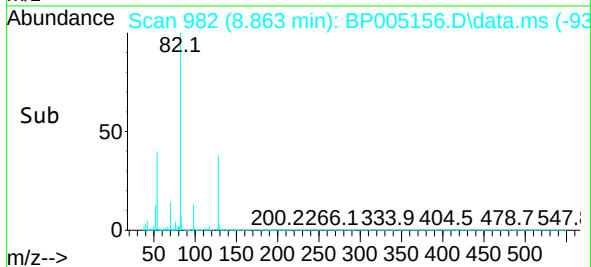
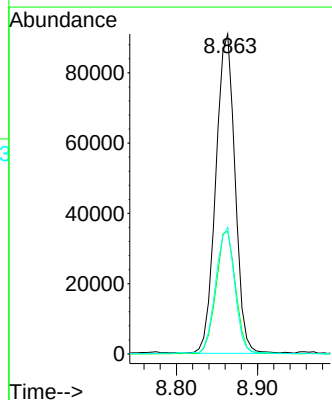
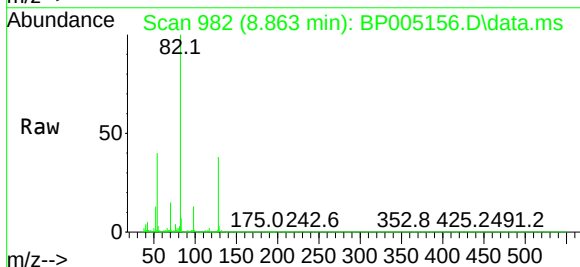


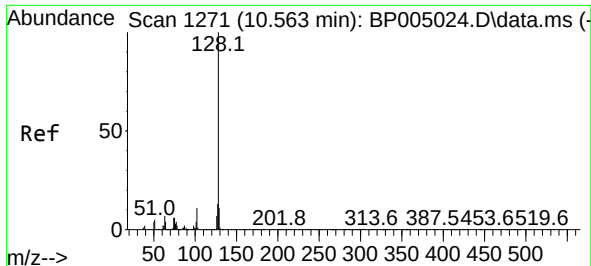
Tgt Ion	Ratio	Lower	Upper
105	100		
71	9.5	2.6	3.8#
51	3.7	13.5	20.3#
120	0.5	19.6	29.4#



#23
Nitrobenzene-d5
Concen: 61.54 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	45.6	68.4#
54	39.6	30.1	45.1

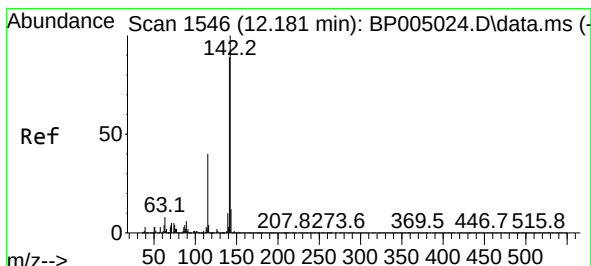
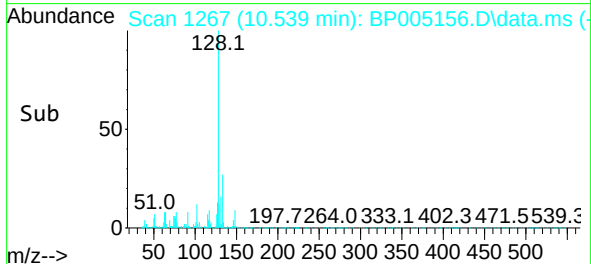
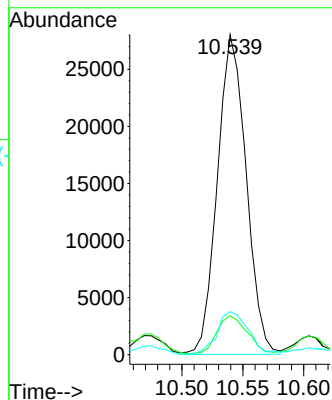
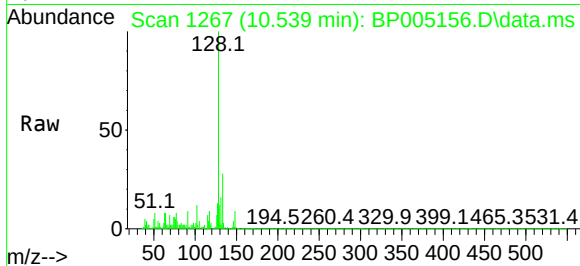




#31
Naphthalene
Concen: 7.83 ng
RT: 10.539 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

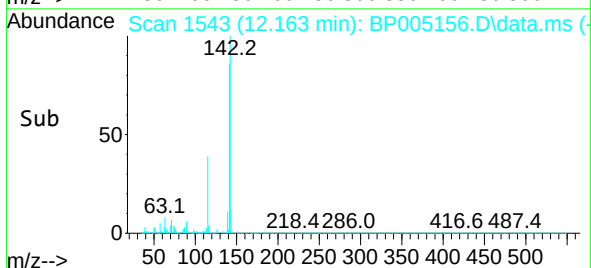
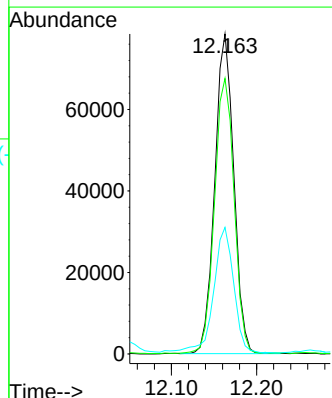
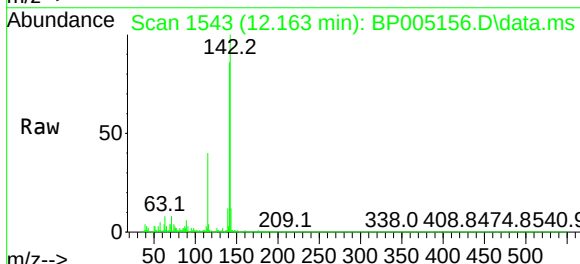
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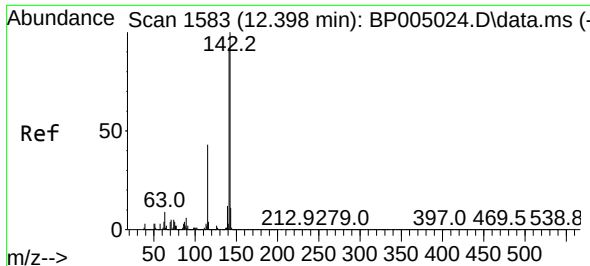
Tgt Ion:128	Resp:	46149
Ion Ratio	Lower	Upper
128	100	
129	12.2	8.8 13.2
127	13.4	10.6 15.8



#37
2-Methylnaphthalene
Concen: 28.56 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:142	Resp:	121466
Ion Ratio	Lower	Upper
142	100	
141	86.1	71.4 107.2
115	39.6	25.8 38.6#

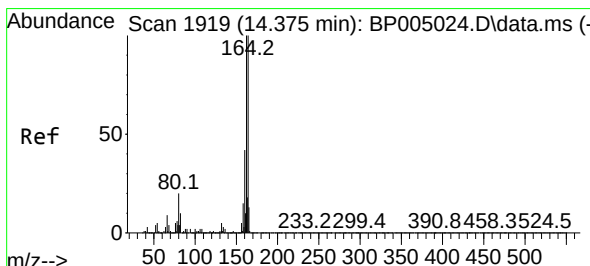
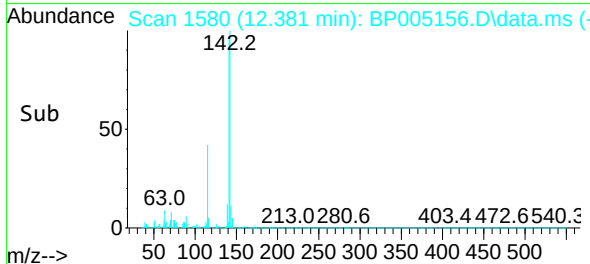
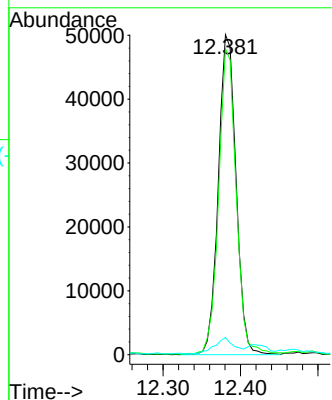
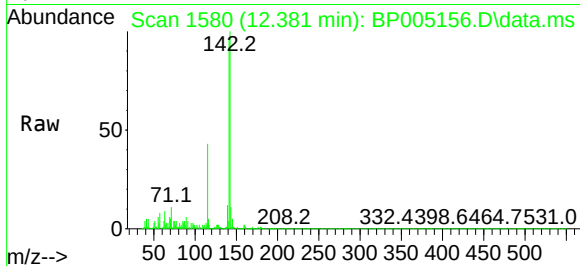




#38
1-Methylnaphthalene
Concen: 19.94 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

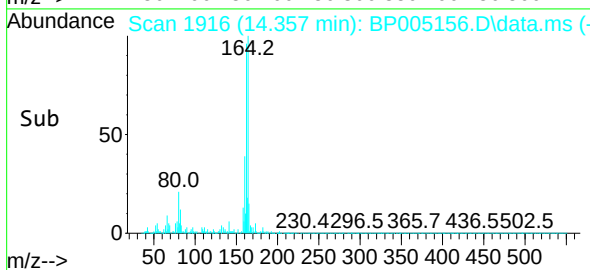
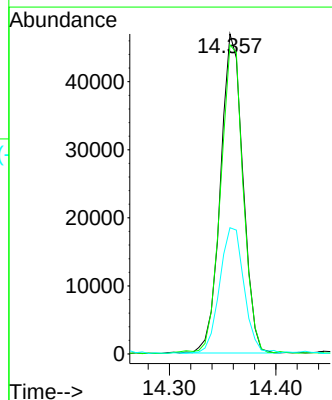
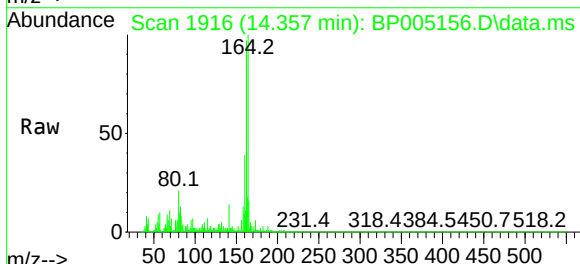
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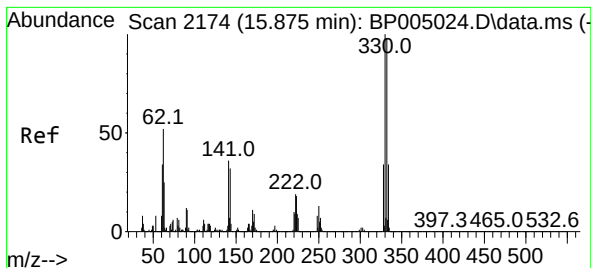
Tgt Ion:142 Resp: 79483
Ion Ratio Lower Upper
142 100
141 95.6 74.4 111.6
116 5.3 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:164 Resp: 68363
Ion Ratio Lower Upper
164 100
162 96.6 79.4 119.2
160 39.5 36.1 54.1

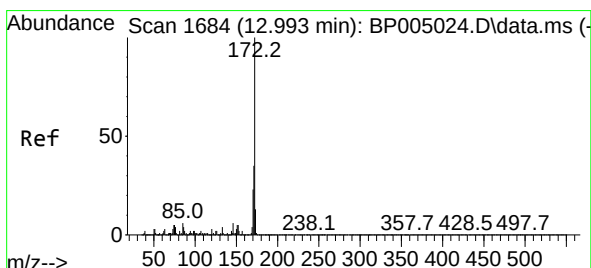
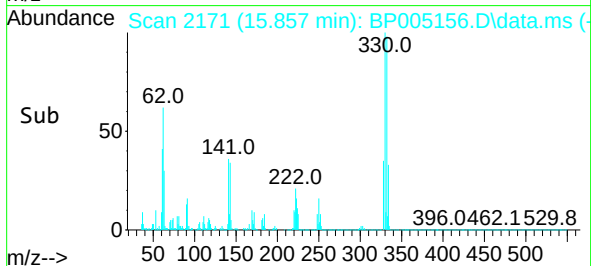
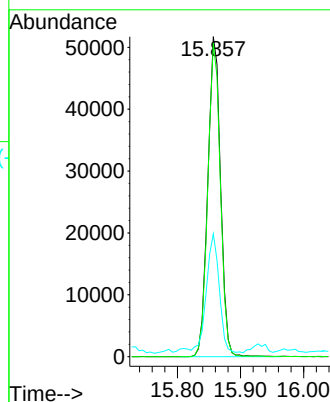
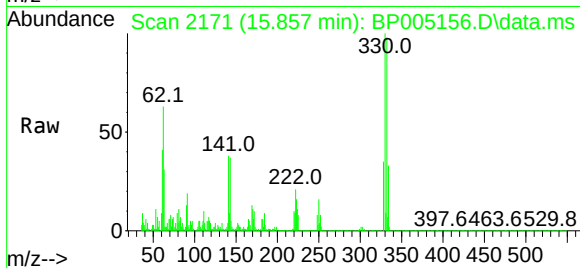




#42
2,4,6-Tribromophenol
Concen: 81.42 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

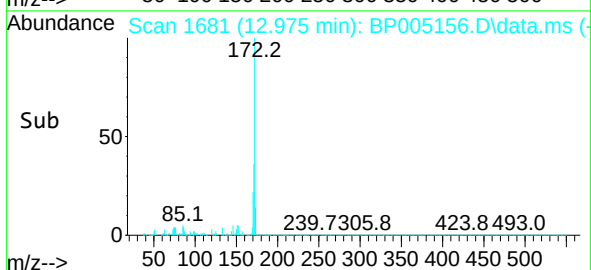
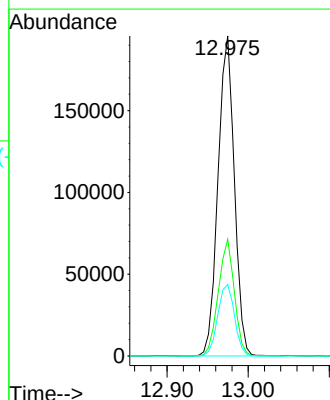
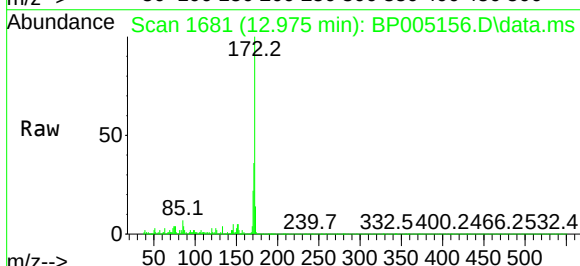
Instrument :
BNA_P
ClientSampleId :
B6-10-12

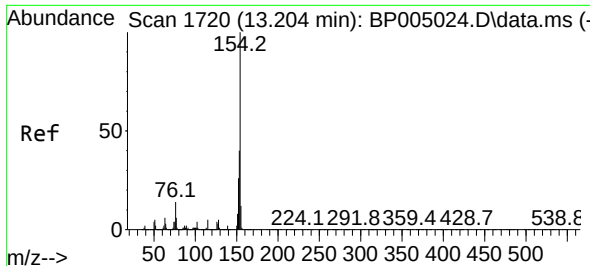
Tgt Ion:330 Resp: 72519
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 37.4 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 54.23 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:172 Resp: 274085
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 22.4 19.2 28.8

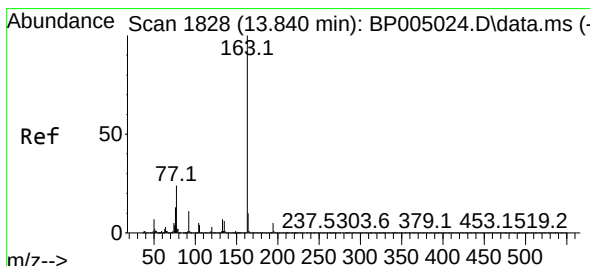
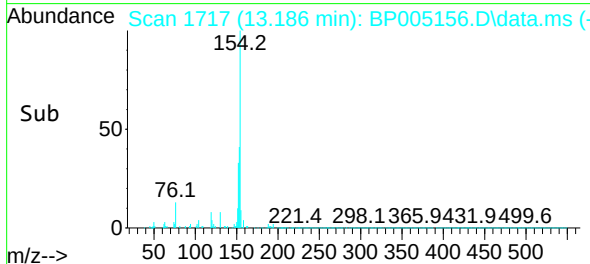
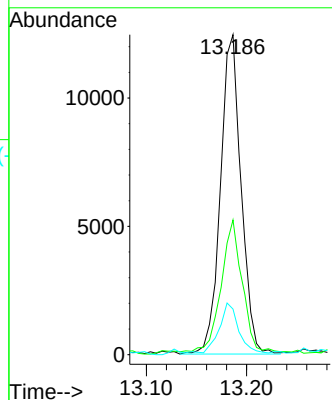
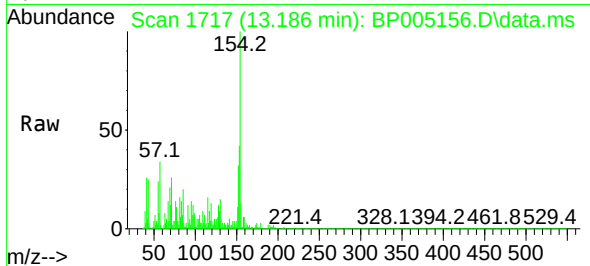




#46
1,1'-Biphenyl
Concen: 3.41 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

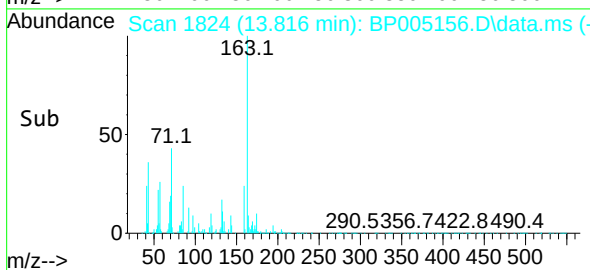
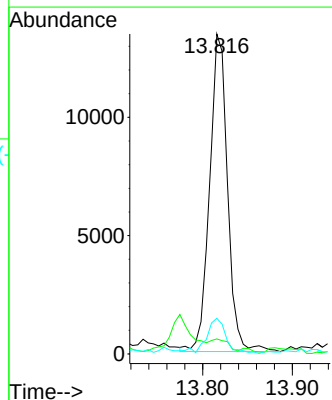
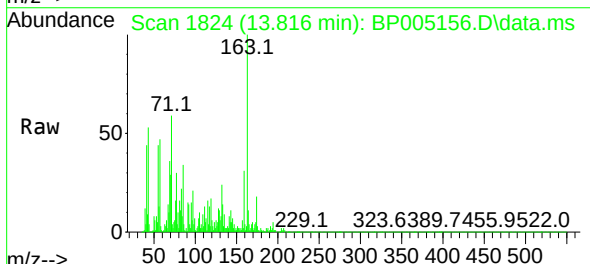
Instrument :
BNA_P
ClientSampleId :
B6-10-12

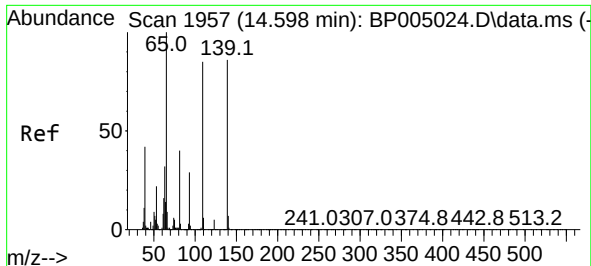
Tgt Ion:154 Resp: 17782
Ion Ratio Lower Upper
154 100
153 42.1 20.4 60.4
76 14.3 0.0 29.3



#50
Dimethylphthalate
Concen: 3.54 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:163 Resp: 18654
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 11.2 8.2 12.2

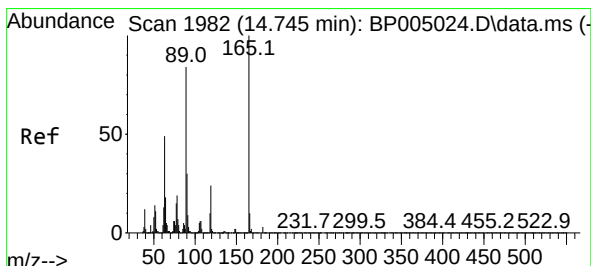
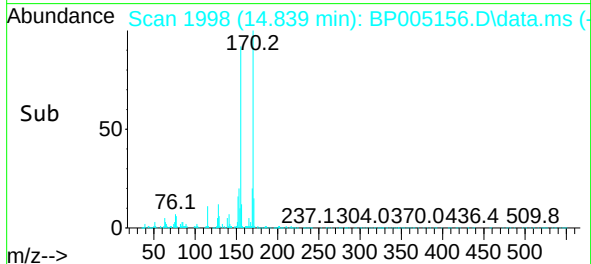
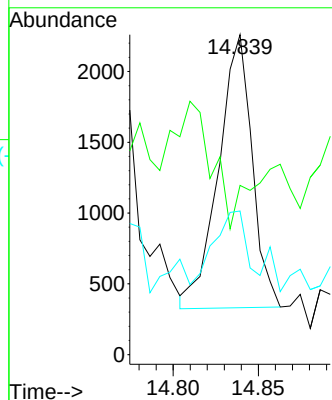
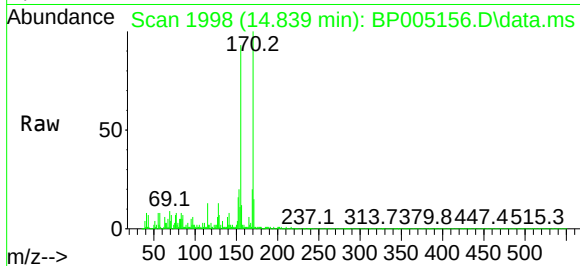




#56
4-Nitrophenol
Concen: 2.83 ng
RT: 14.839 min Scan# 1998
Delta R.T. 0.247 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

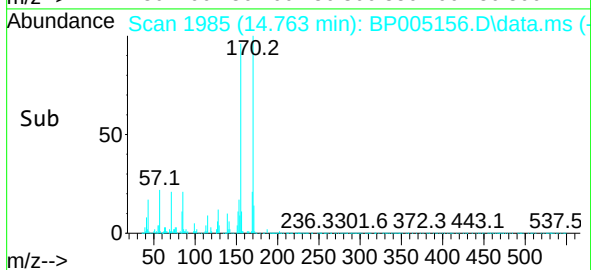
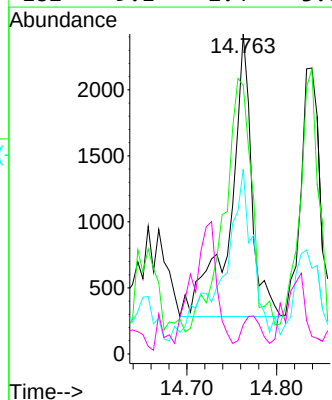
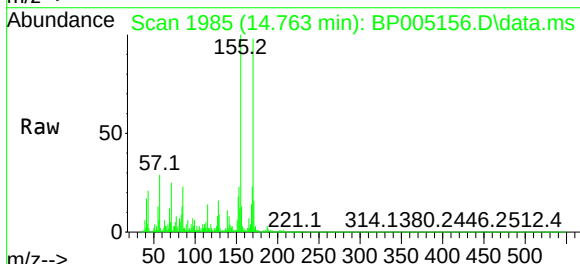
Instrument :
BNA_P
ClientSampleId :
B6-10-12

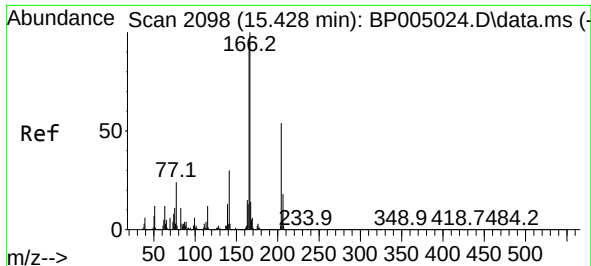
Tgt Ion:139 Resp: 2647
Ion Ratio Lower Upper
139 100
109 52.9 44.6 84.6
65 44.9 41.6 81.6



#57
2,4-Dinitrotoluene
Concen: 2.19 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.023 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:165 Resp: 3591
Ion Ratio Lower Upper
165 100
63 83.9 20.6 31.0#
89 57.8 42.6 63.8
182 9.1 2.4 3.6#

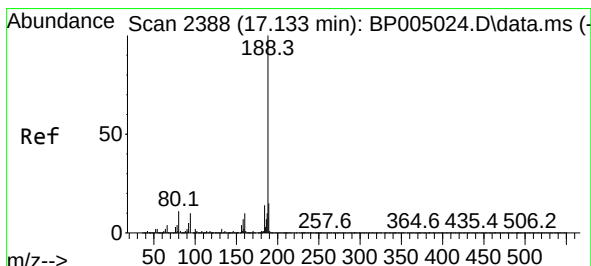
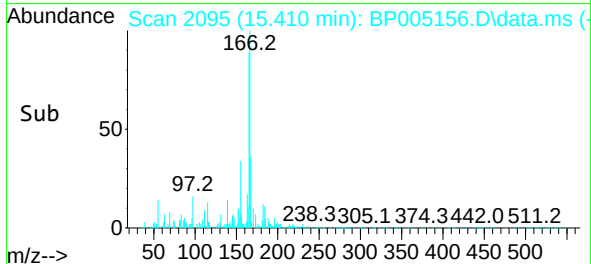
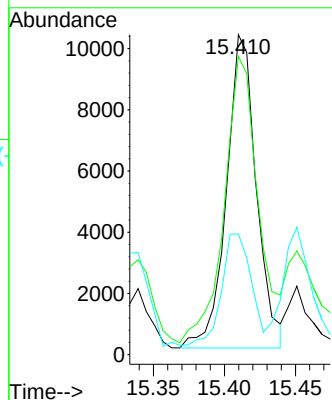
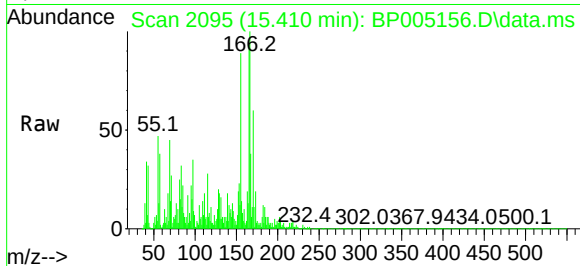




#58
Fluorene
Concen: 2.79 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

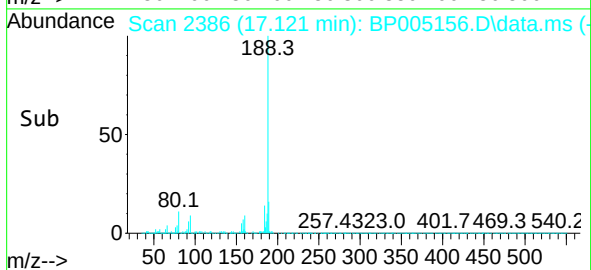
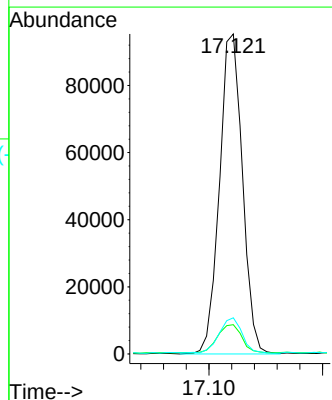
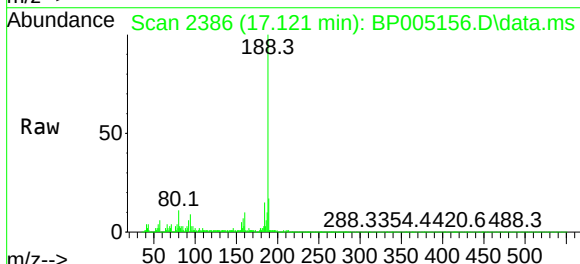
Instrument :
BNA_P
ClientSampleId :
B6-10-12

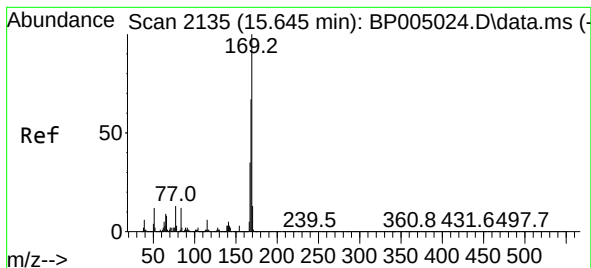
Tgt Ion:166 Resp: 14998
Ion Ratio Lower Upper
166 100
165 93.2 77.8 116.8
167 37.7 11.0 16.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.121 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:188 Resp: 133753
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 11.3 6.2 9.2#

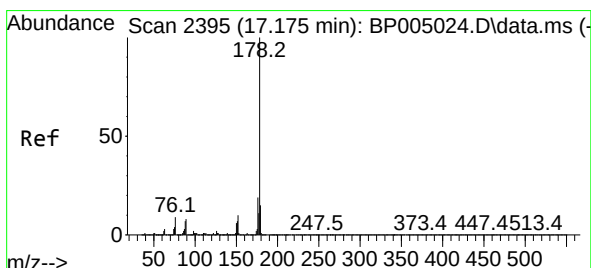
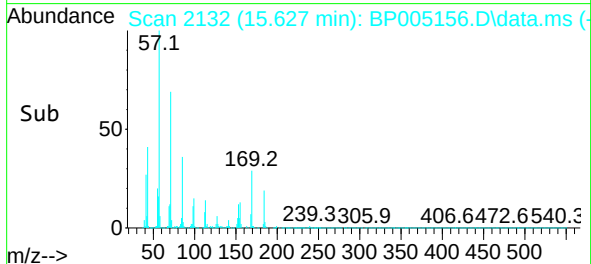
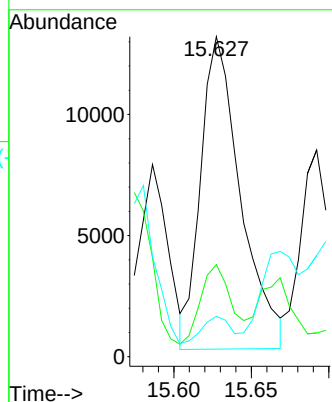
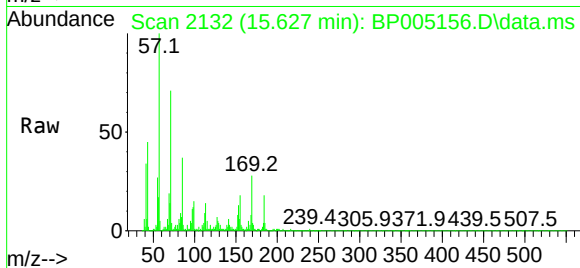




#66
n-Nitrosodiphenylamine
Concen: 5.37 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

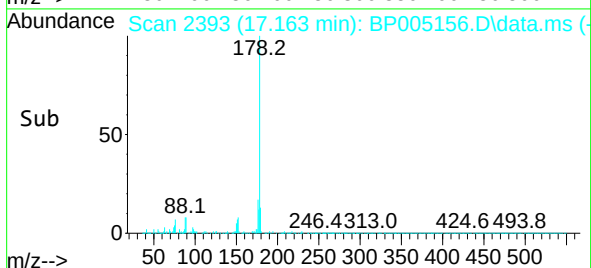
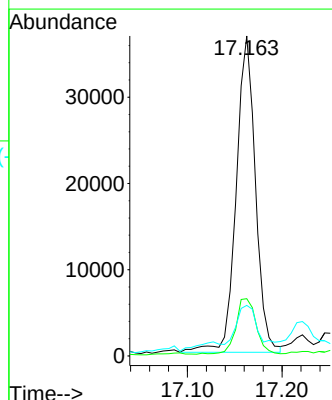
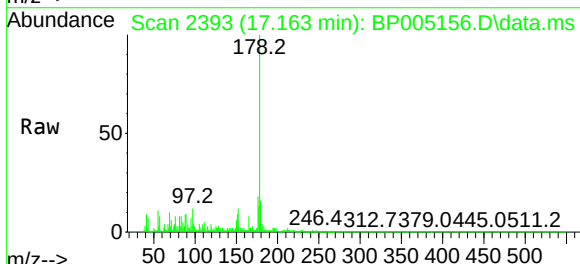
Instrument :
BNA_P
ClientSampleId :
B6-10-12

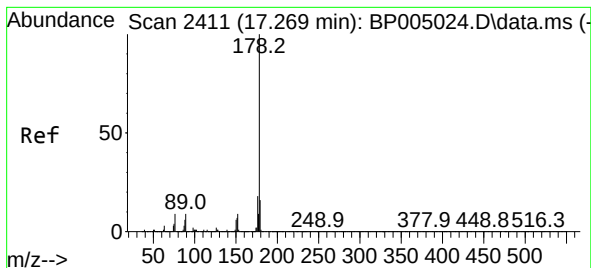
Tgt Ion:169 Resp: 23073
Ion Ratio Lower Upper
169 100
168 28.8 53.8 80.6#
167 12.6 28.9 43.3#



#71
Phenanthrene
Concen: 6.70 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:178 Resp: 51982
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 15.8 12.5 18.7





#72

Anthracene

Concen: 6.86 ng

RT: 17.163 min Scan# 2393

Delta R.T. -0.095 min

Lab File: BP005156.D

Acq: 02 Apr 2021 13:22

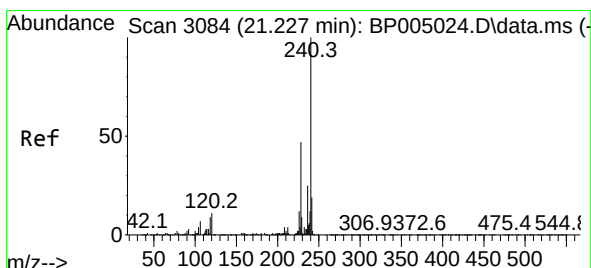
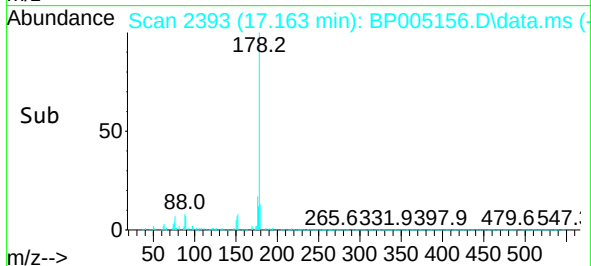
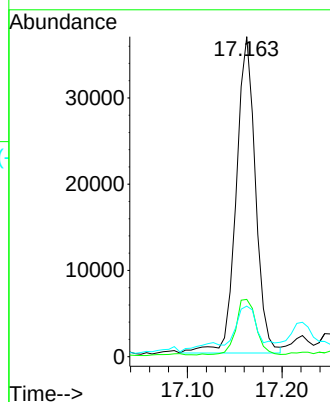
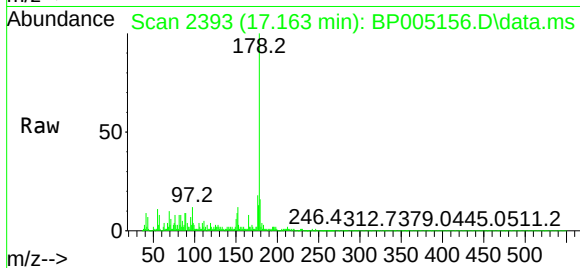
Instrument :

BNA_P

ClientSampleId :

B6-10-12

Tgt Ion:178	Resp:	51982
Ion Ratio	Lower	Upper
178	100	
176	17.9	15.0 22.4
179	15.8	12.5 18.7



#76

Chrysene-d12

Concen: 20.00 ng

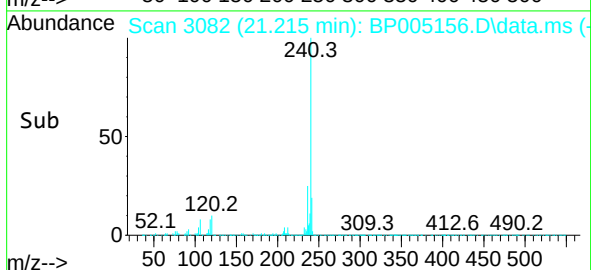
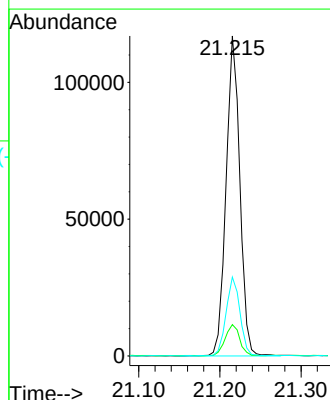
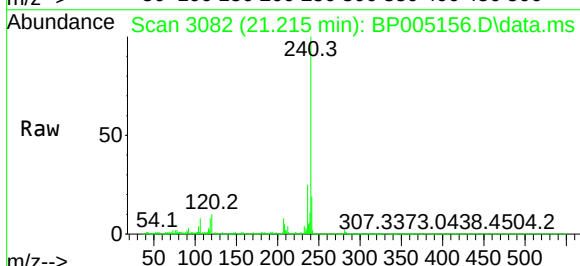
RT: 21.215 min Scan# 3082

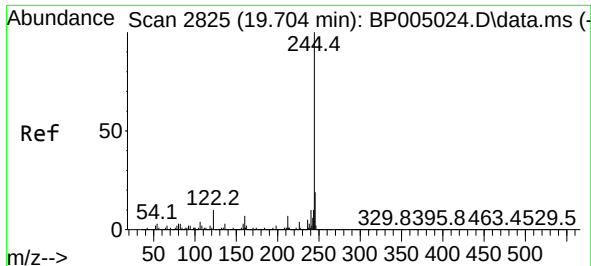
Delta R.T. -0.012 min

Lab File: BP005156.D

Acq: 02 Apr 2021 13:22

Tgt Ion:240	Resp:	138052
Ion Ratio	Lower	Upper
240	100	
120	9.8	7.8 11.6
236	24.7	20.8 31.2

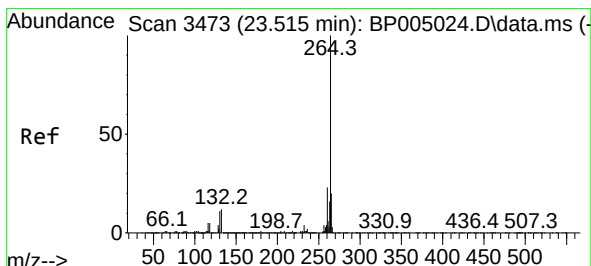
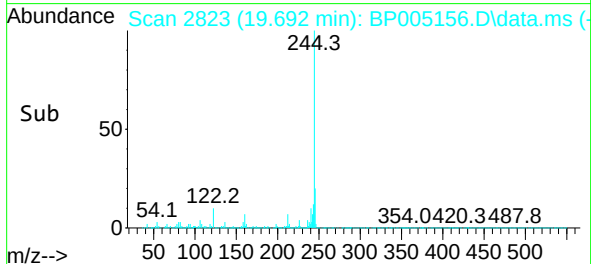
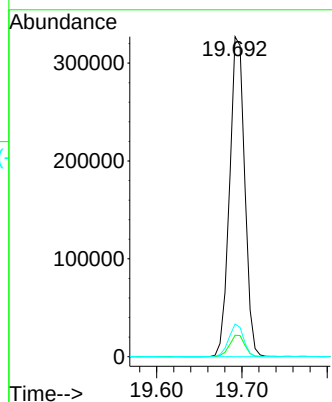
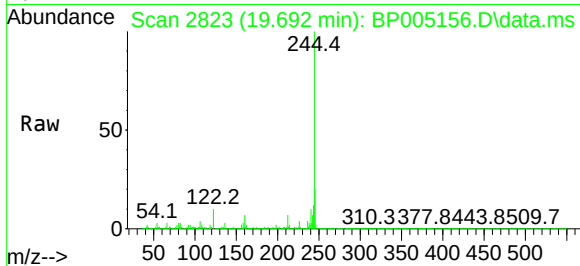




#79
Terphenyl-d14
Concen: 53.16 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Instrument :
BNA_P
ClientSampleId :
B6-10-12

Tgt Ion:244 Resp: 403159
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.2 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.012 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

Tgt Ion:264 Resp: 143215
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 20.8 17.4 26.2

