

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)

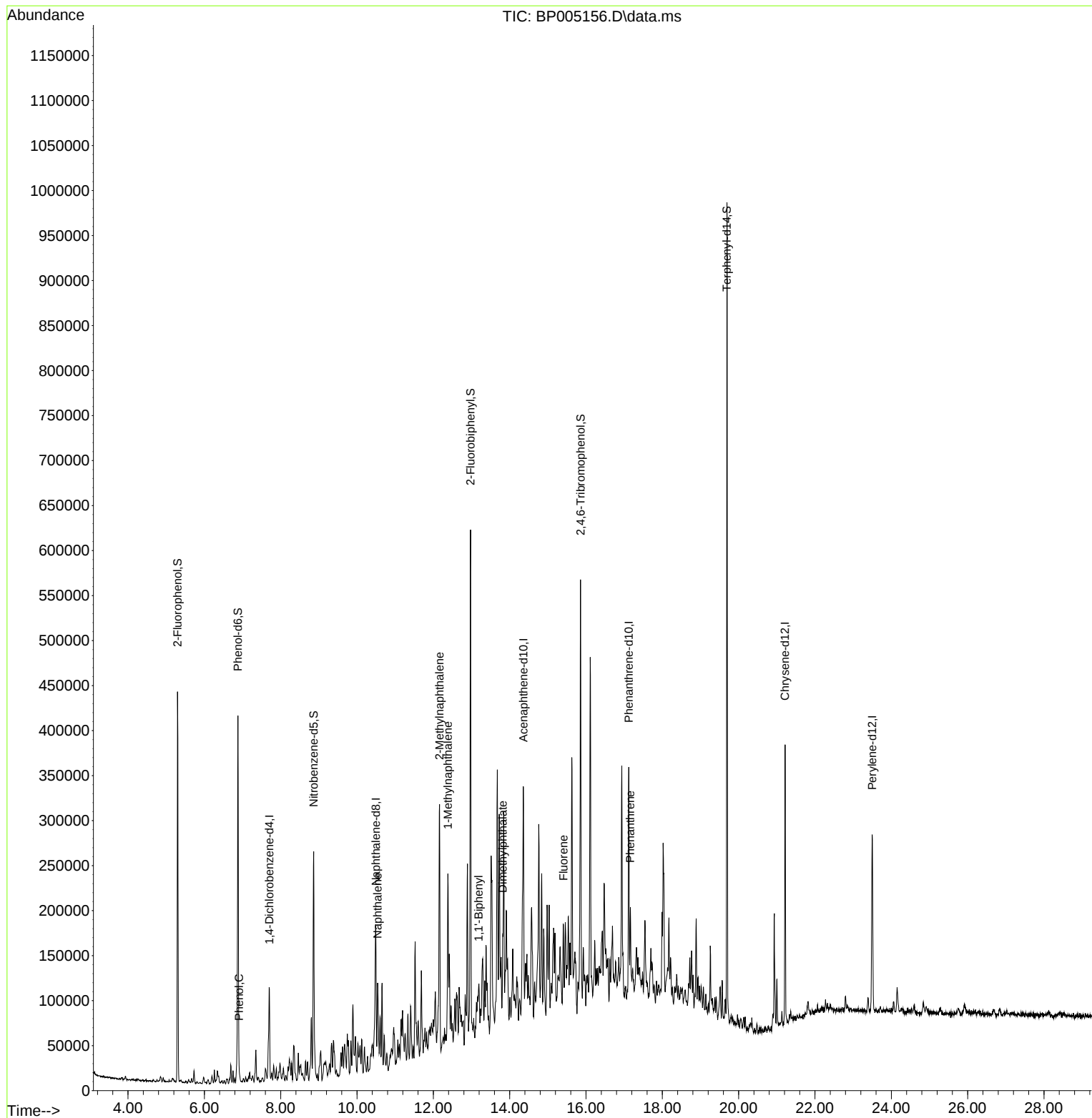
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	26755	20.00	ng	0.00
21) Naphthalene-d8	10.492	136	104269	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	68363	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	133753	20.00	ng	# 0.00
76) Chrysene-d12	21.215	240	138052	20.00	ng	-0.01
86) Perylene-d12	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
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
58) Fluorene	15.410	166	14998	2.79	ng	# 89
71) Phenanthrene	17.163	178	51982	6.70	ng	98

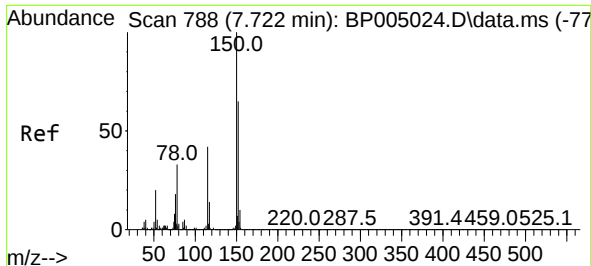
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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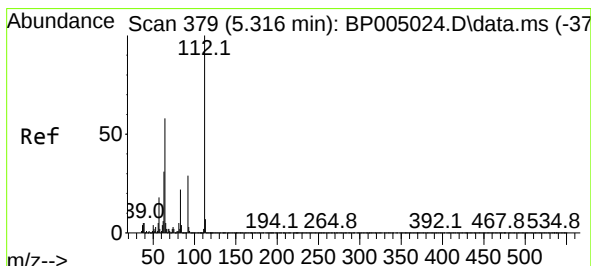
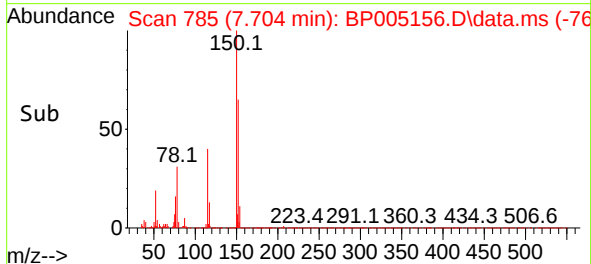
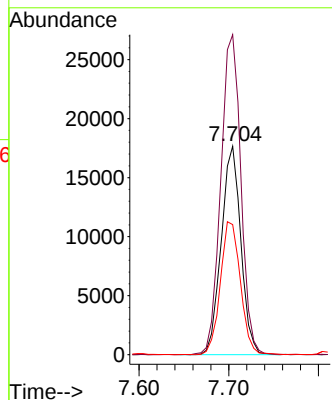
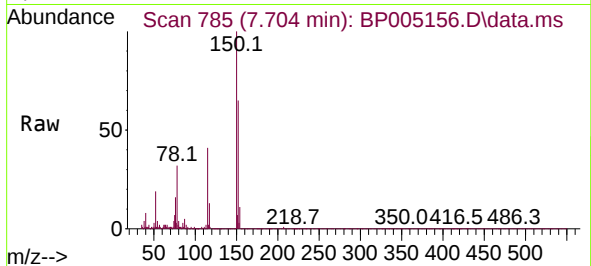




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.001 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

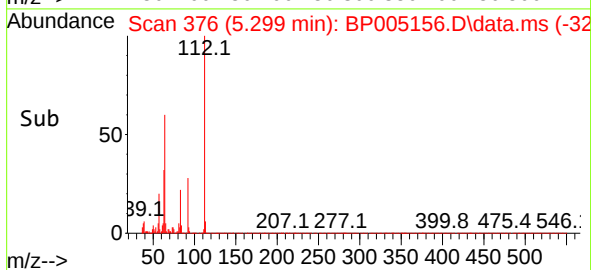
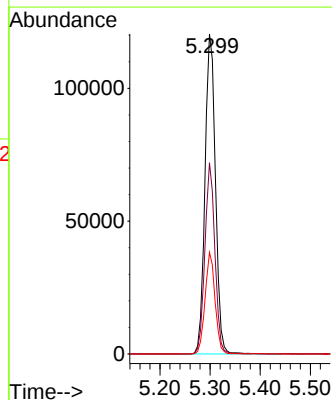
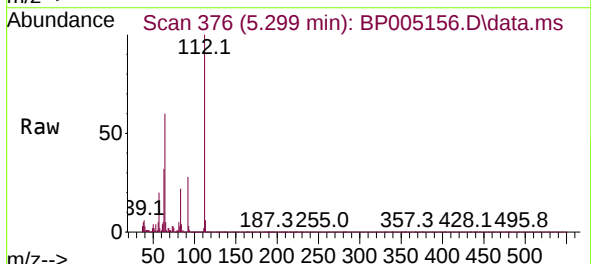
Instrument :
BNA_P
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B6-10-12

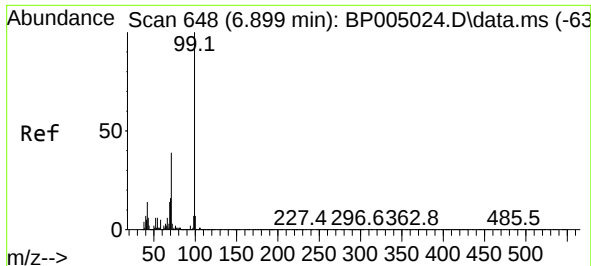
Tgt Ion:152 Resp: 26755
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 62.4 43.8 65.6



#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#

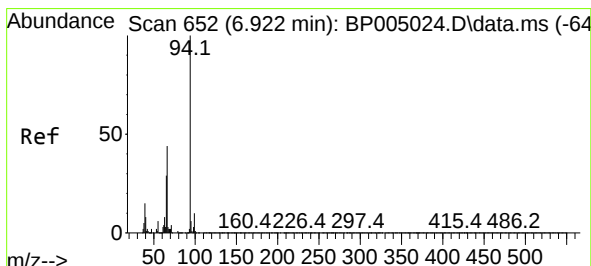
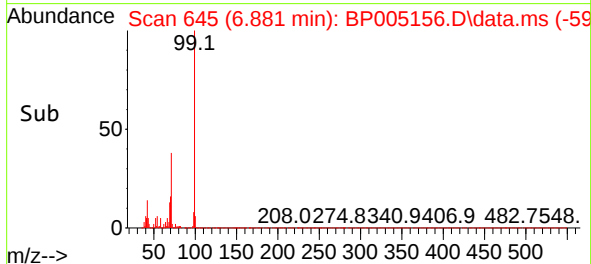
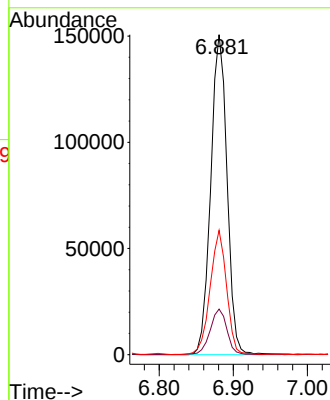
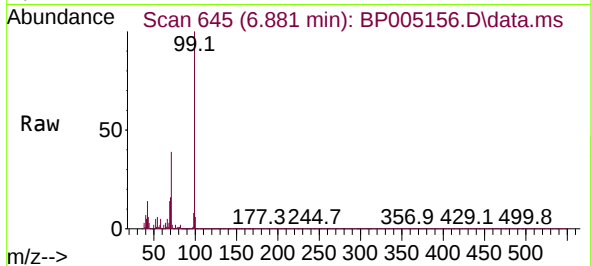




#7
Phenol-d6
Concen: 92.38 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

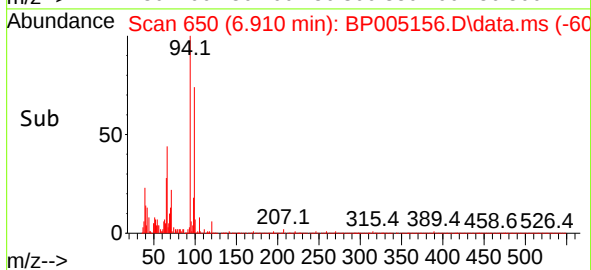
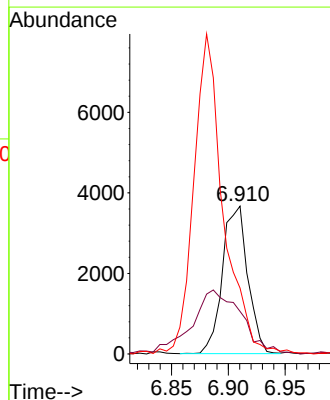
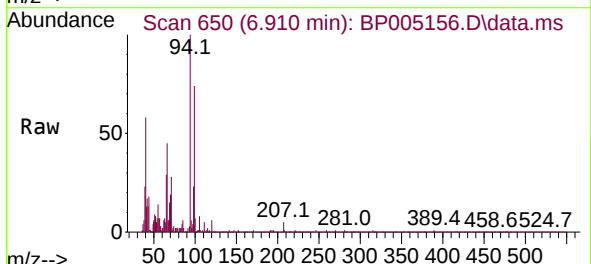
Instrument :
BNA_P
ClientSampleId :
B6-10-12

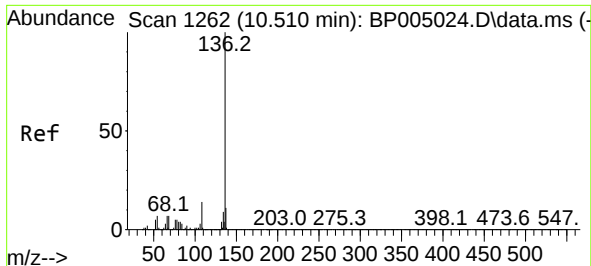
Tgt Ion: 99 Resp: 230054
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 38.8 23.4 35.2#



#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

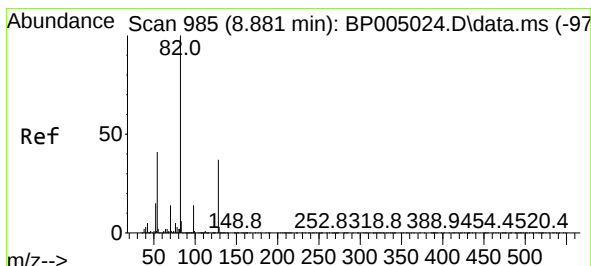
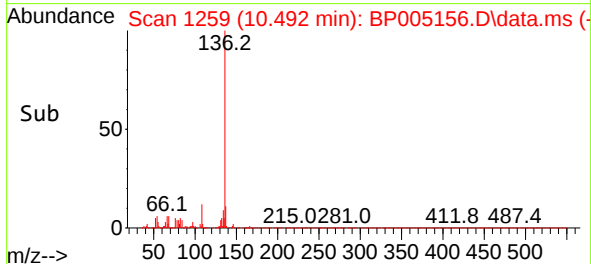
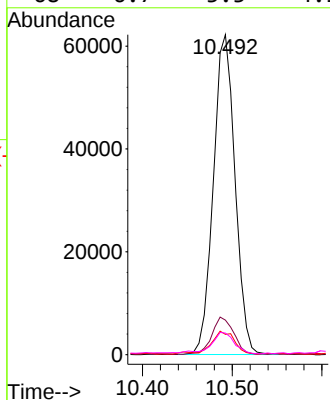
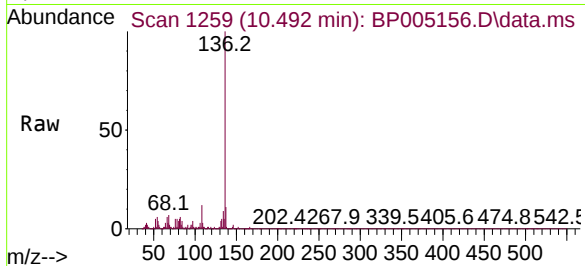




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

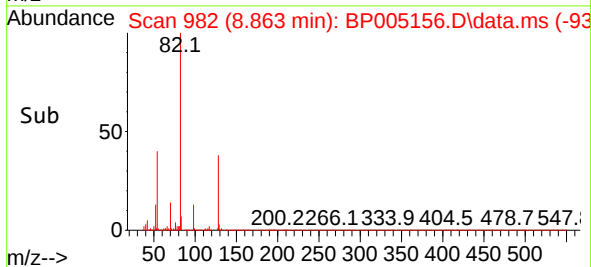
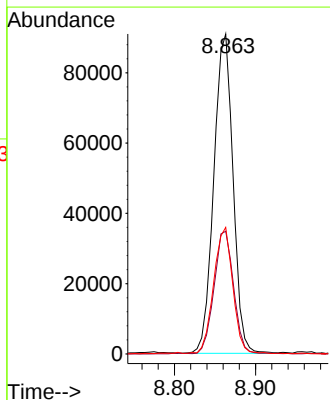
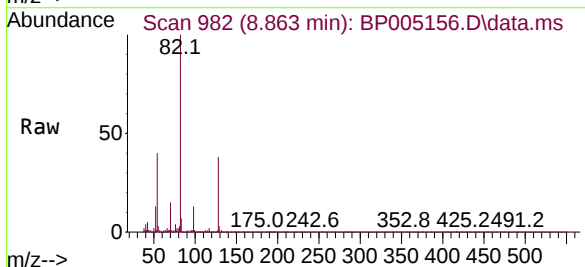
Instrument :
BNA_P
ClientSampleId :
B6-10-12

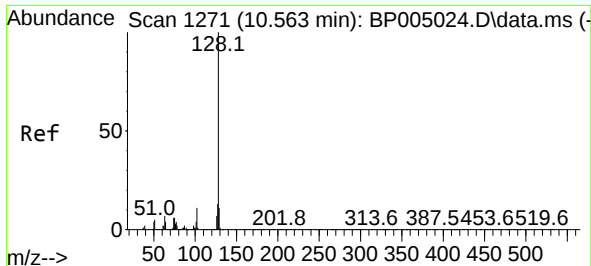
Tgt Ion:	136	Resp:	104269
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.3	3.6	5.4#
68	6.7	3.3	4.9#



#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:	82	Resp:	149556
Ion Ratio	Lower	Upper	
82	100		
128	38.4	45.6	68.4#
54	39.6	30.1	45.1

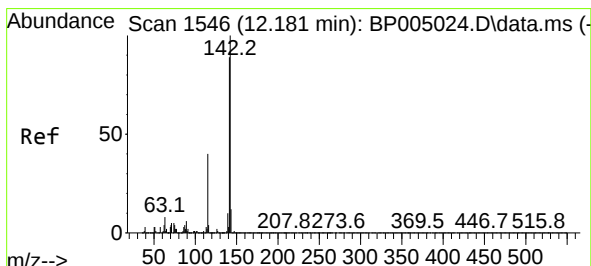
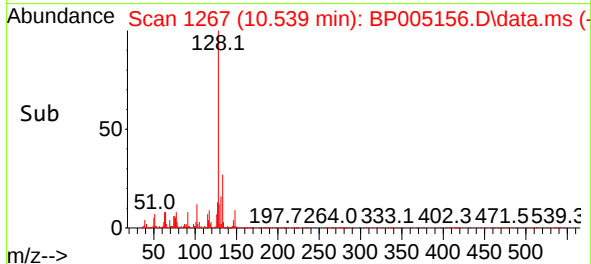
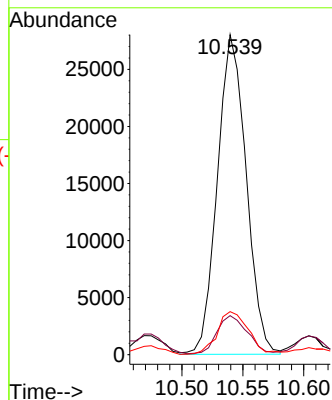
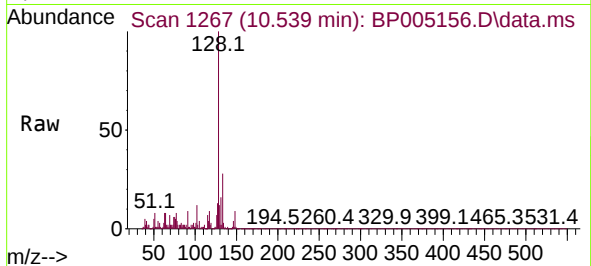




#31
Naphthalene
Concen: 7.83 ng
RT: 10.539 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

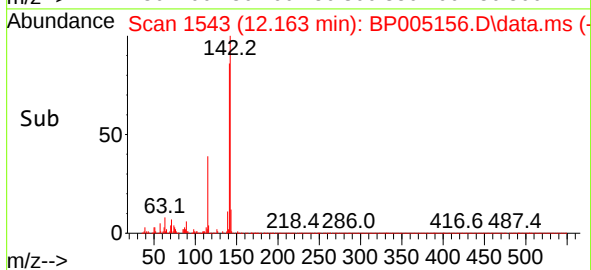
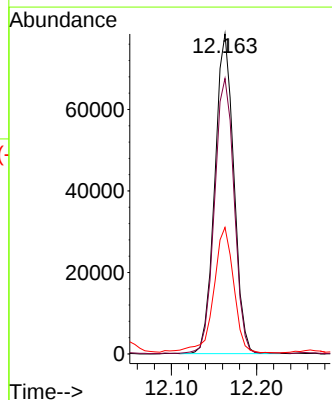
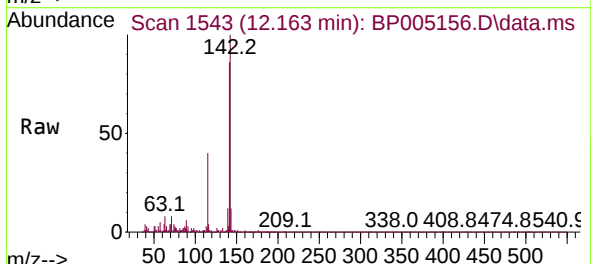
Instrument :
BNA_P
ClientSampleId :
B6-10-12

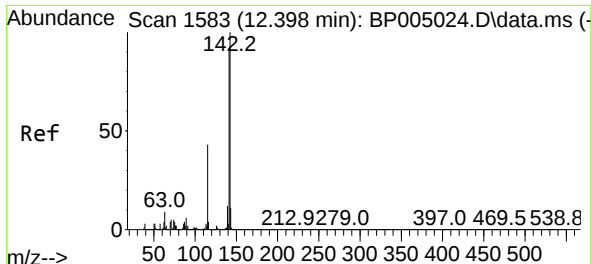
Tgt Ion:128	Resp:	46149
Ion Ratio	Lower	Upper
128	100	
129	12.2	8.8 13.2
127	13.4	10.6 15.8



#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#

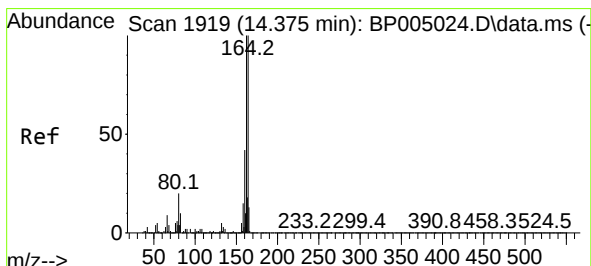
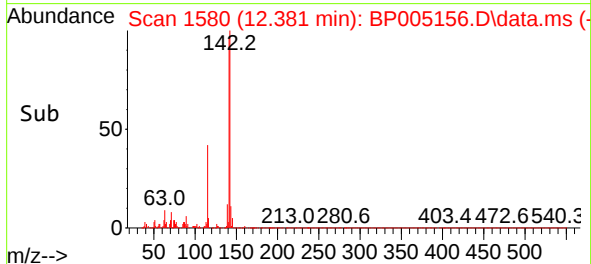
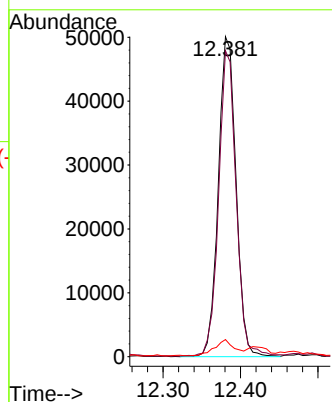
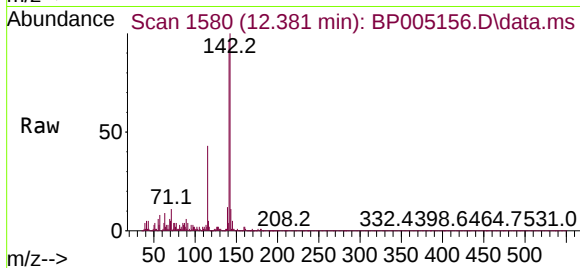




#38
1-Methylnaphthalene
Concen: 19.94 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

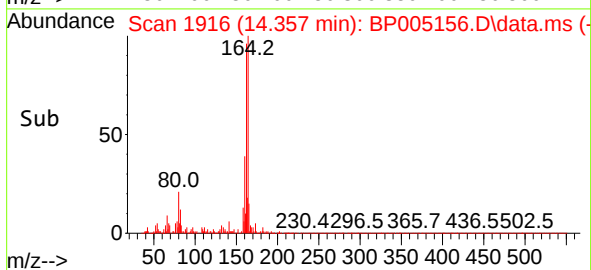
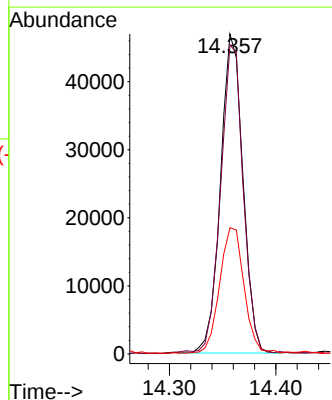
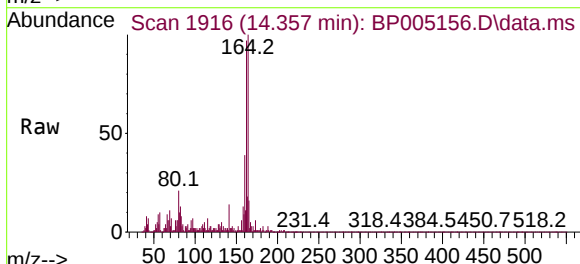
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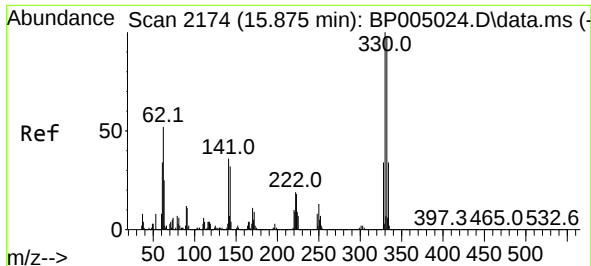
Tgt Ion:142 Resp: 79483
Ion Ratio Lower Upper
142 100
141 95.6 74.4 111.6
116 5.3 2.9 4.3#



#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

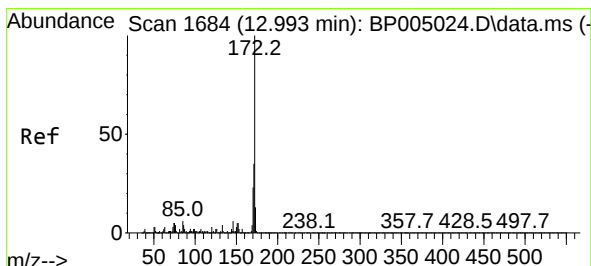
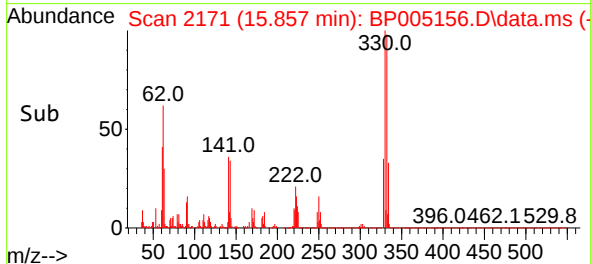
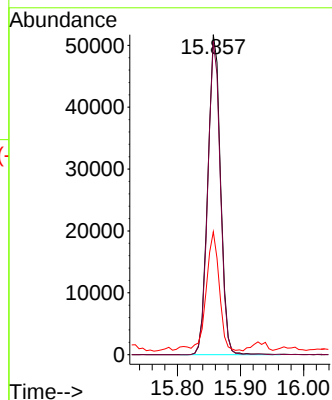
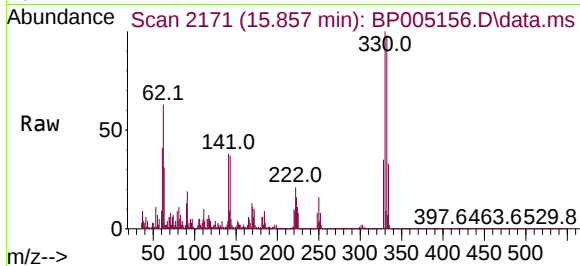




#42
2,4,6-Tribromophenol
Concen: 81.42 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

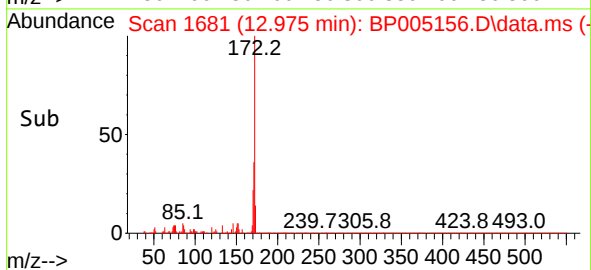
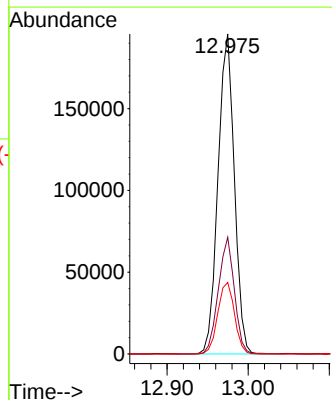
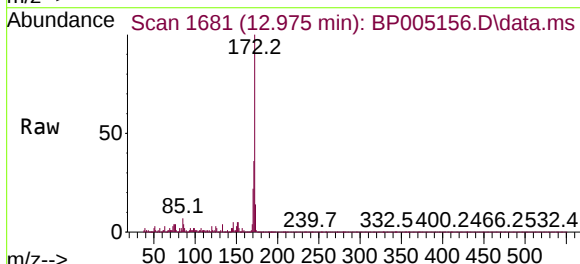
Instrument :
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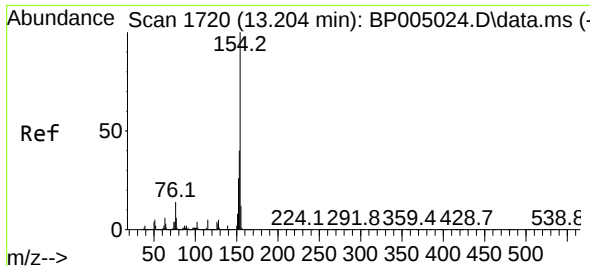
Tgt Ion: 330 Resp: 72519
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 37.4 23.4 35.2#



#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

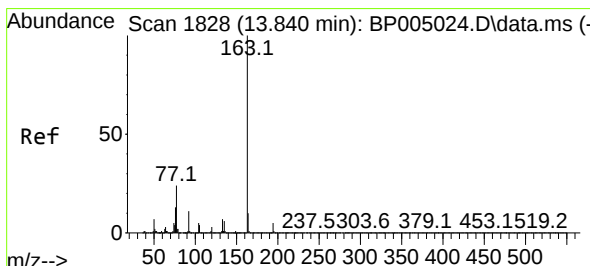
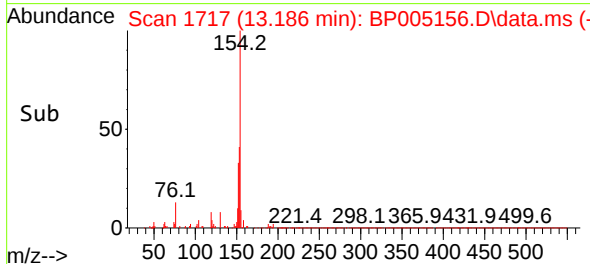
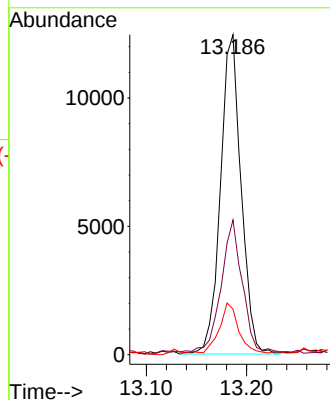
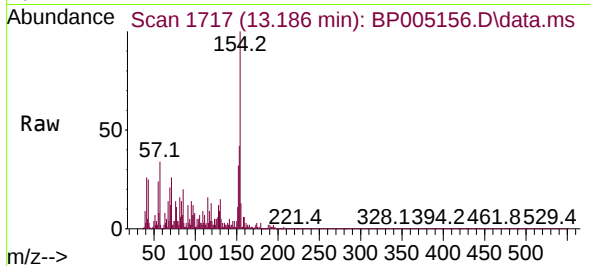




#46
1,1'-Biphenyl
Concen: 3.41 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

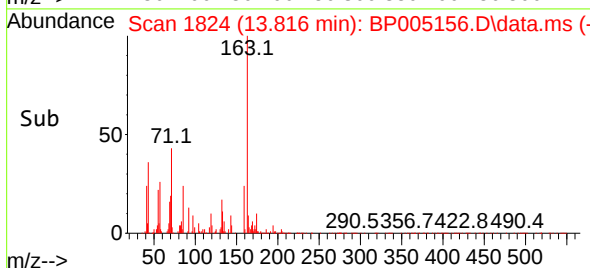
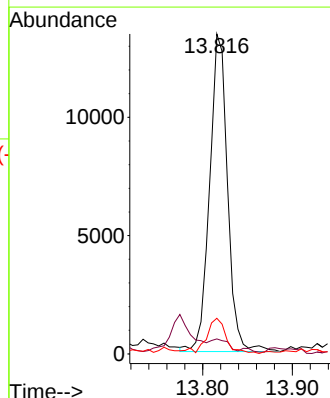
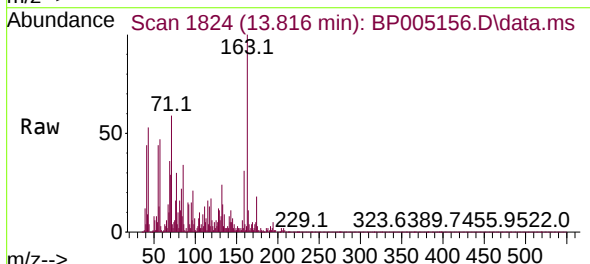
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B6-10-12

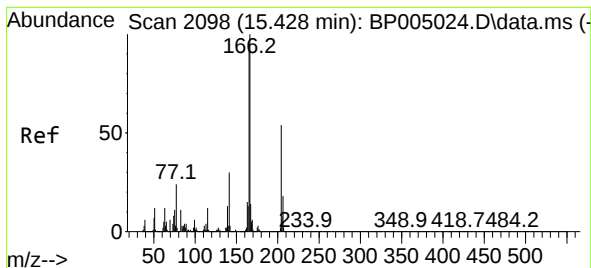
Tgt Ion:154 Resp: 17782
Ion Ratio Lower Upper
154 100
153 42.1 20.4 60.4
76 14.3 0.0 29.3



#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





#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

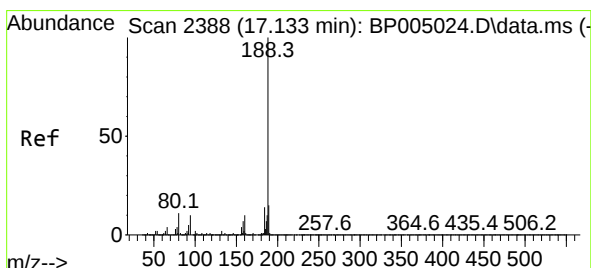
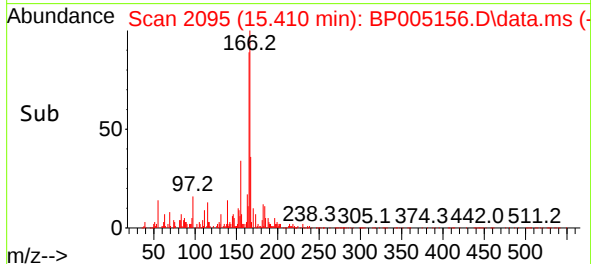
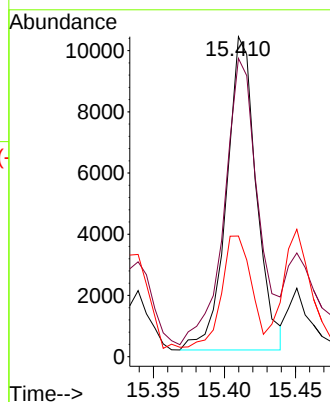
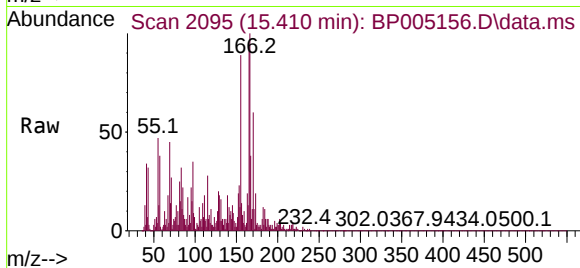
Instrument :

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

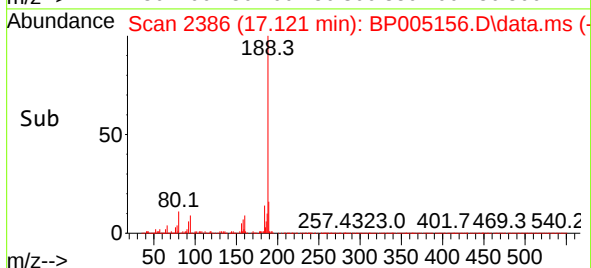
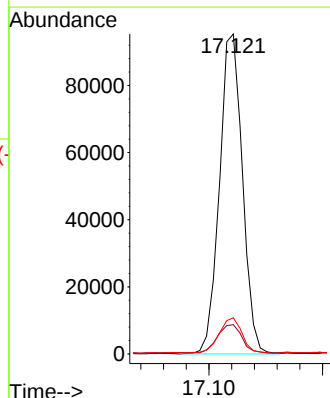
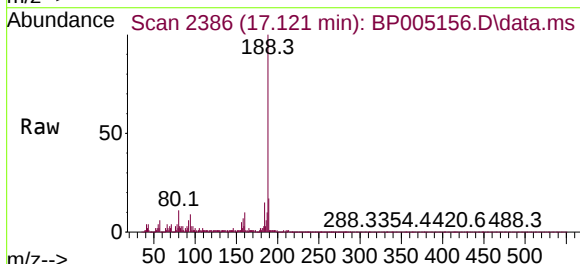
RT: 17.121 min Scan# 2386

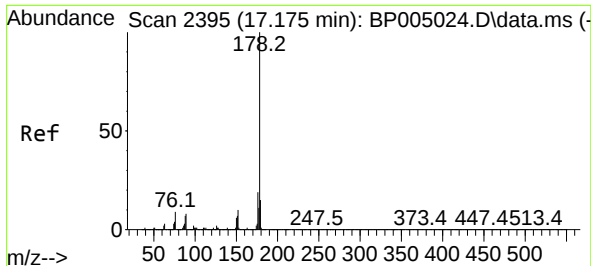
Delta R.T. -0.006 min

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#

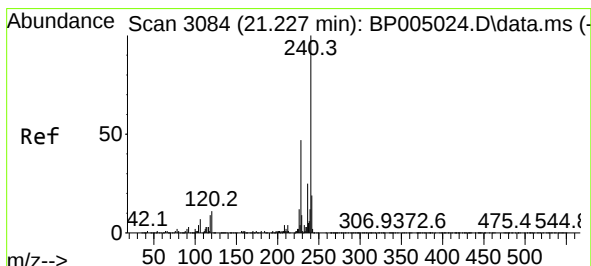
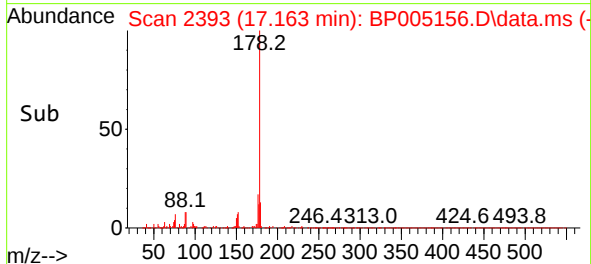
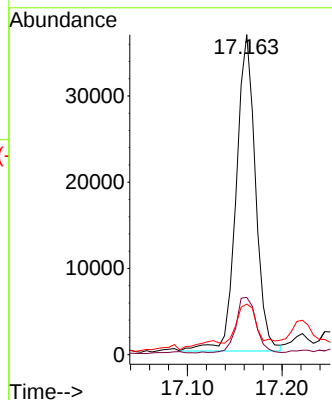
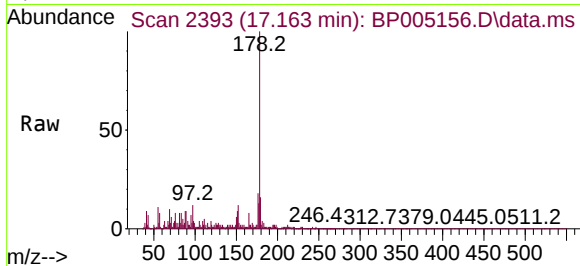




#71
Phenanthrene
Concen: 6.70 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

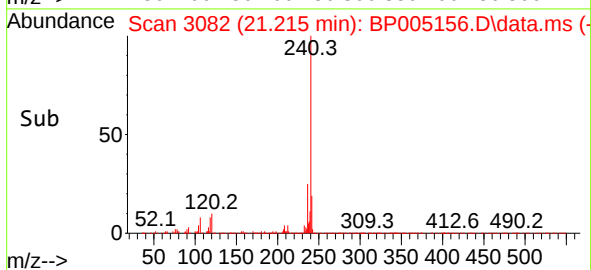
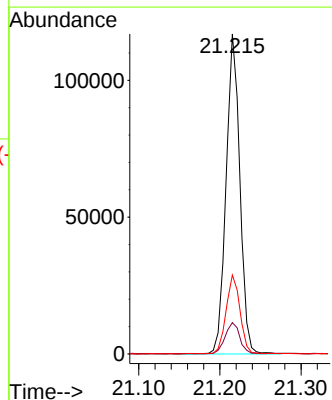
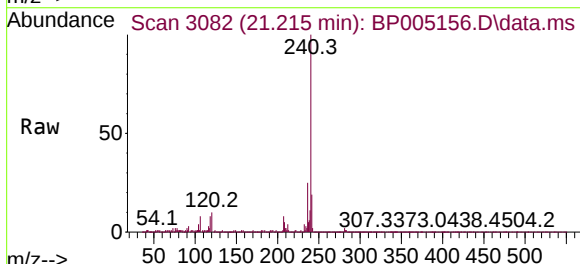
Instrument :
BNA_P
ClientSampleId :
B6-10-12

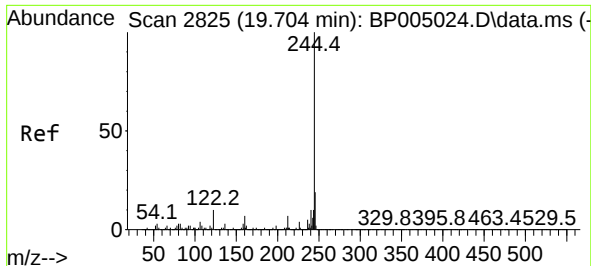
Tgt Ion:178 Resp: 51982
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 15.8 12.5 18.7



#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

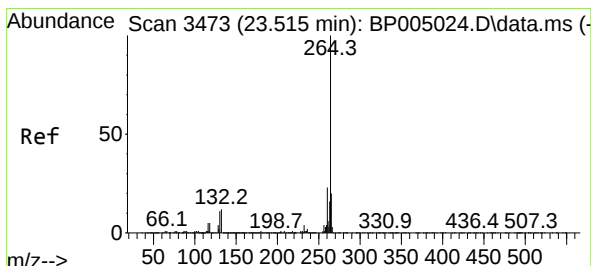
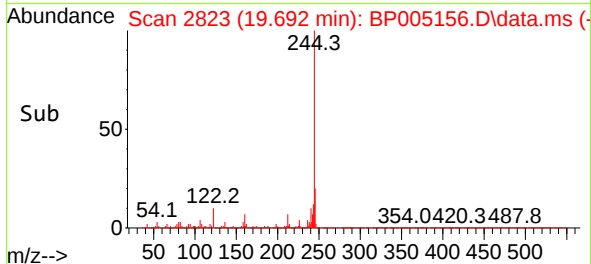
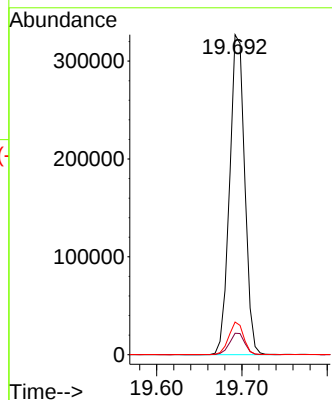
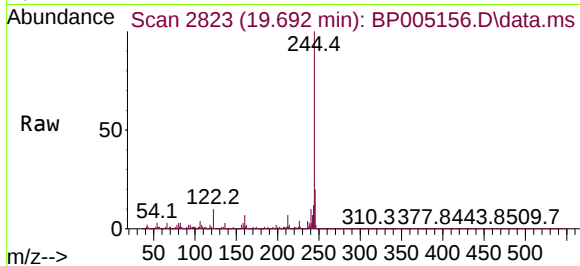




#79
Terphenyl-d14
Concen: 53.16 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005156.D
Acq: 02 Apr 2021 13:22

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

