

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005393.D
 Acq On : 23 Apr 2021 14:51
 Operator : CG/JU
 Sample : M2107-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

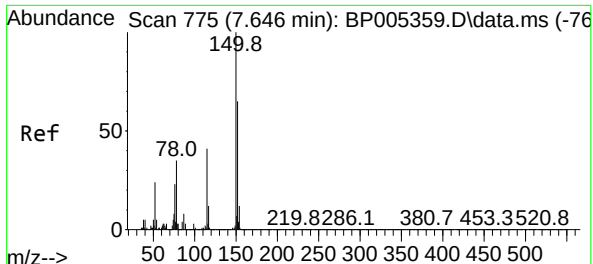
Instrument :
 BNA_P
 ClientSampleId :
 SB-30-9.5-10.0

Quant Time: Apr 23 15:35:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	20788	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	71529	20.00	ng	#-0.01
39) Acenaphthene-d10	14.304	164	47778	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	119842	20.00	ng	0.00
76) Chrysene-d12	21.174	240	169964	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	190021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	125381	104.77	ng	0.00
7) Phenol-d6	6.822	99	158882	96.36	ng	-0.01
23) Nitrobenzene-d5	8.799	82	134575	81.83	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	70446	77.08	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	218775	59.27	ng	0.00
79) Terphenyl-d14	19.651	244	487884	53.19	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.369	82	80	2.98	ng	# 40
32) Benzoic acid	9.763	122	24	7.77	ng	# 1
41) Hexachlorocyclopentadiene	12.469	237	28	6.99	ng	85
48) 2-Nitroaniline	13.422	65	72	5.51	ng	# 28
53) 3-Nitroaniline	14.222	138	30	2.69	ng	# 1
54) 2,4-Dinitrophenol	14.463	184	34	7.58	ng	# 81
56) 4-Nitrophenol	14.551	139	26	5.34	ng	# 51
57) 2,4-Dinitrotoluene	14.704	165	49	3.15	ng	# 25
62) 4-Nitroaniline	15.269	138	7	3.83	ng	94
74) Di-n-butylphthalate	18.045	149	3161	4.43	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.092	149	6189	4.50	ng	98

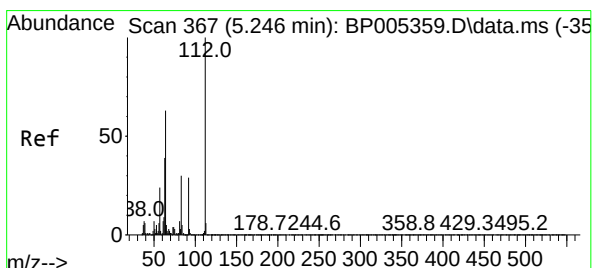
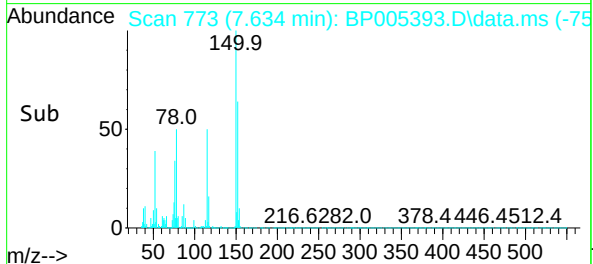
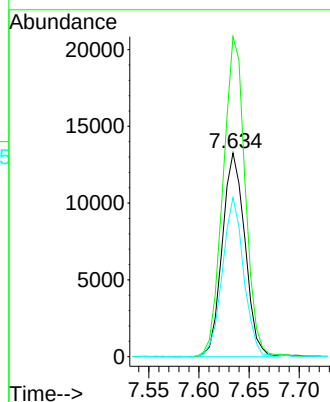
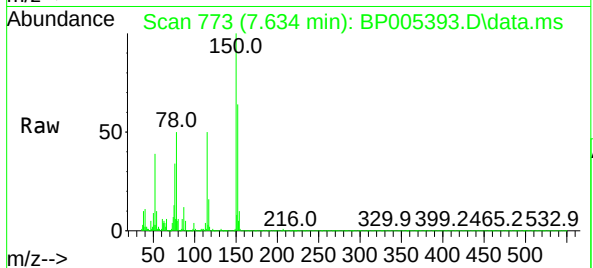
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

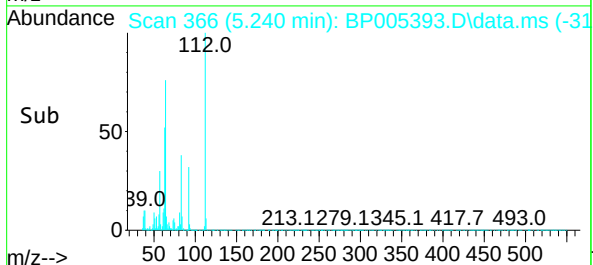
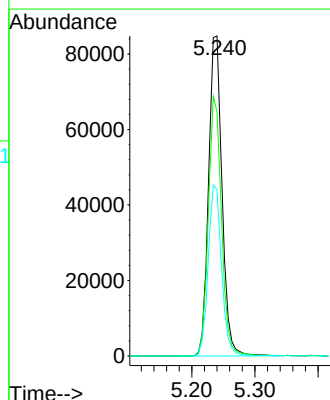
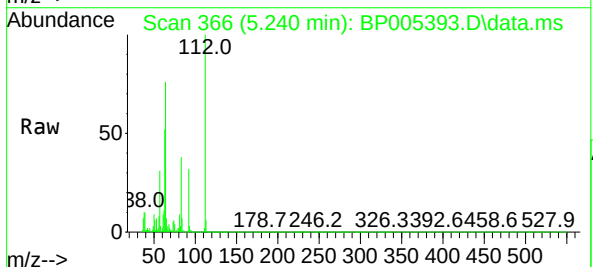
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

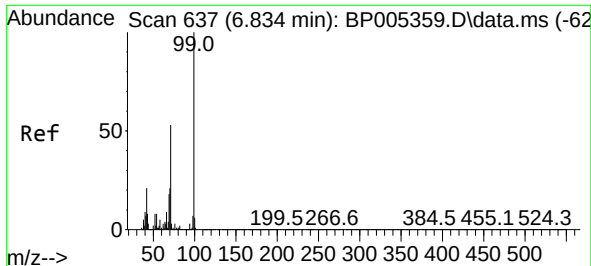
Tgt Ion:152 Resp: 20788
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 78.1 49.0 73.4#



#5
2-Fluorophenol
Concen: 104.77 ng
RT: 5.240 min Scan# 366
Delta R.T. -0.006 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:112 Resp: 125381
Ion Ratio Lower Upper
112 100
64 76.3 33.6 50.4#
63 51.9 18.6 27.8#

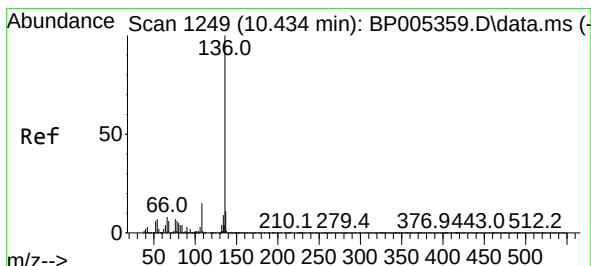
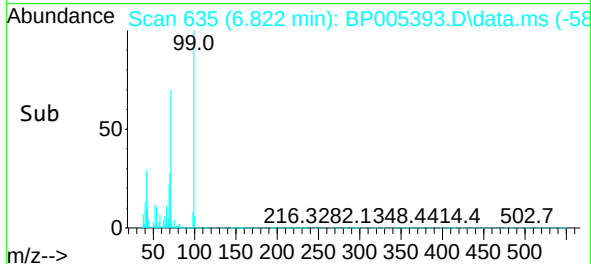
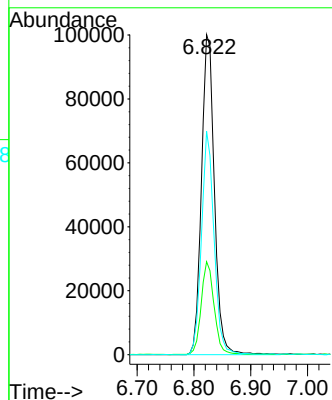
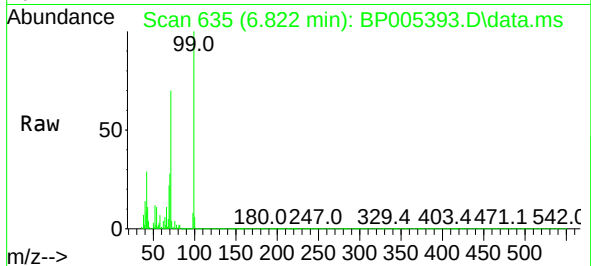




#7
Phenol-d6
Concen: 96.36 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

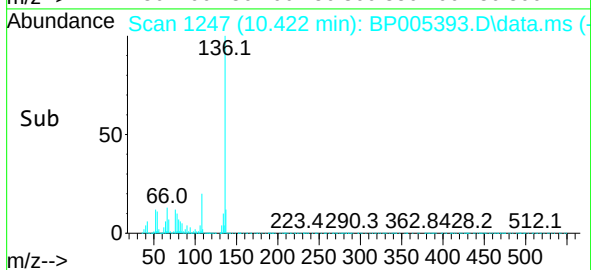
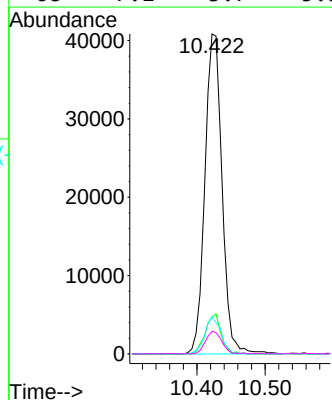
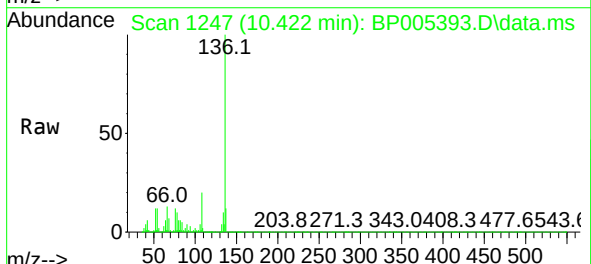
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

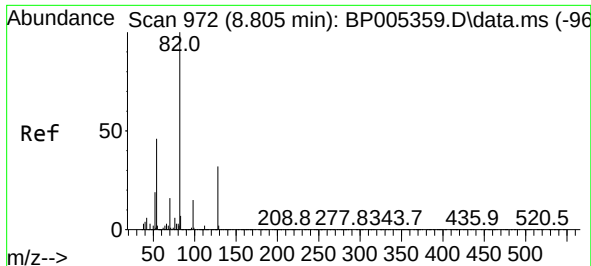
Tgt Ion: 99 Resp: 158882
Ion Ratio Lower Upper
99 100
42 29.1 12.9 19.3#
71 69.8 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion: 136 Resp: 71529
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 11.6 5.0 7.4#
68 7.1 3.7 5.5#

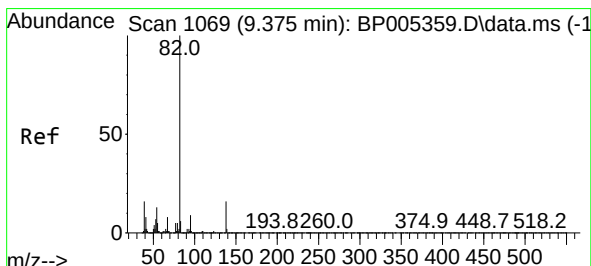
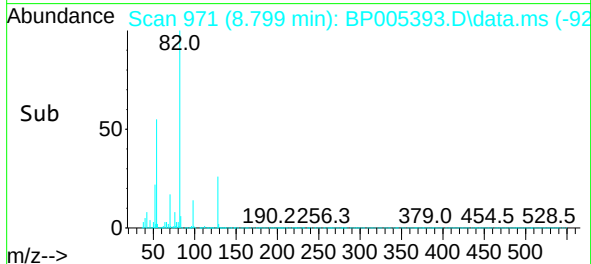
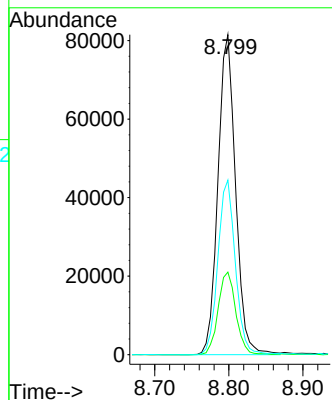
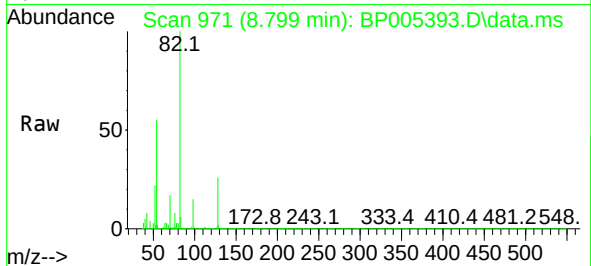




#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

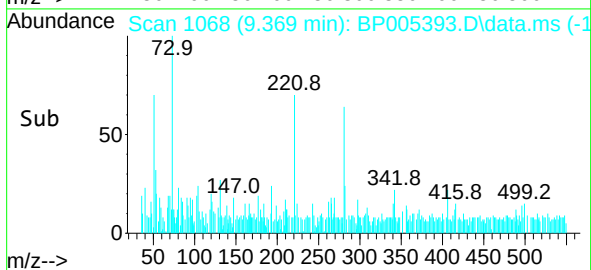
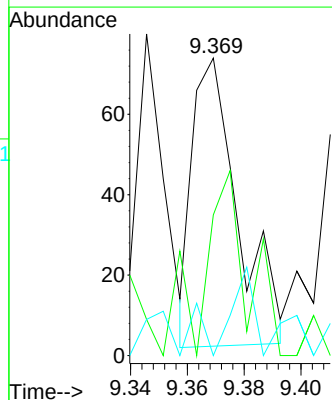
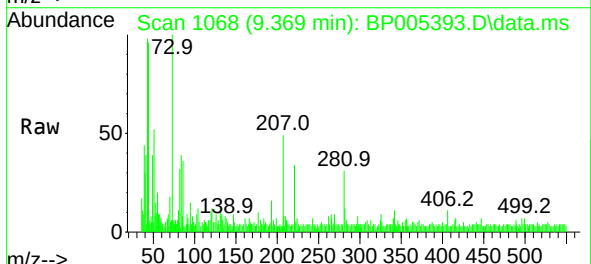
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

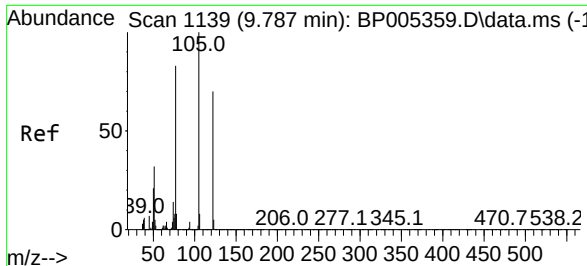
Tgt Ion: 82 Resp: 134575
Ion Ratio Lower Upper
82 100
128 25.8 30.5 45.7#
54 54.6 33.9 50.9#



#25
Isophorone
Concen: 2.98 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion: 82 Resp: 80
Ion Ratio Lower Upper
82 100
95 44.9 7.5 11.3#
138 0.0 14.6 22.0#

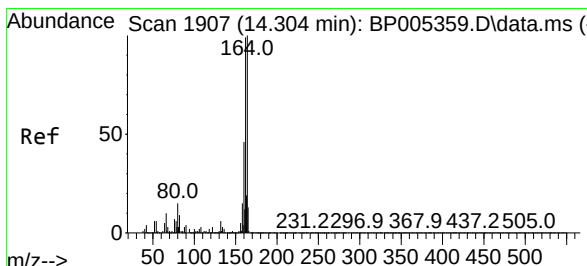
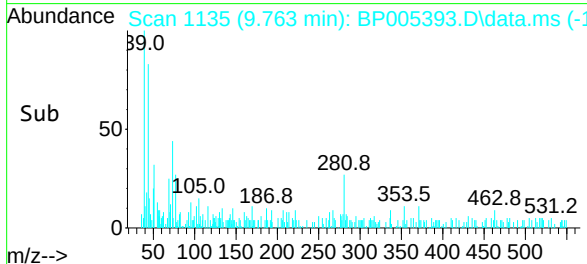
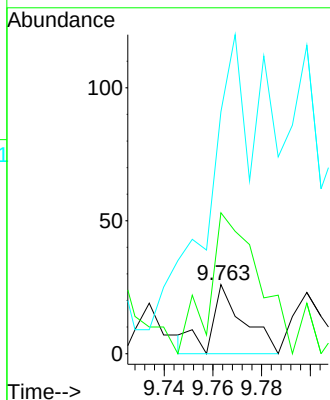
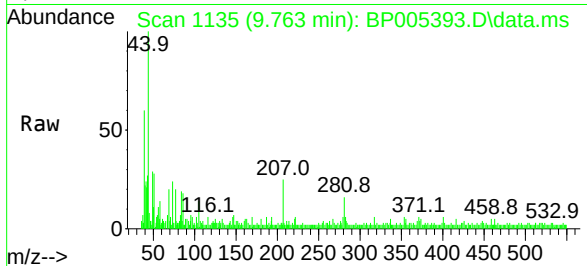




#32
Benzoic acid
Concen: 7.77 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.024 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

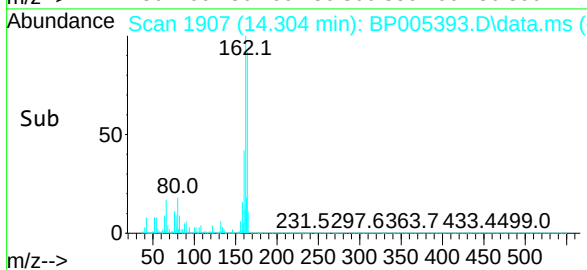
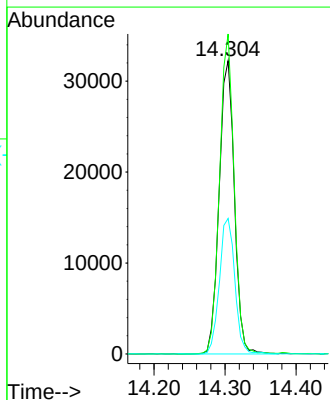
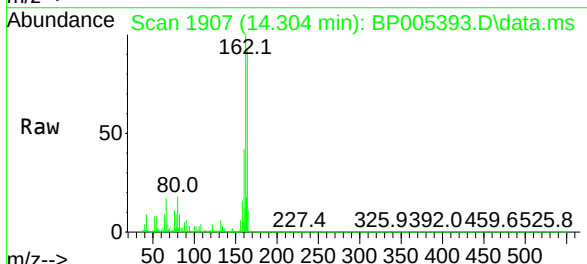
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

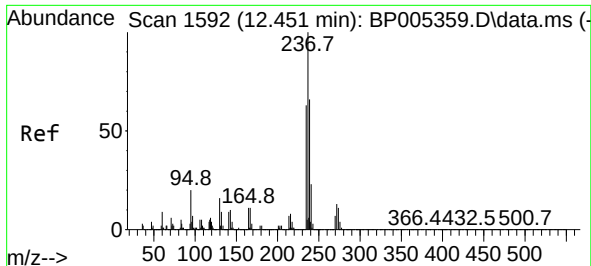
Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 223.1 105.1 145.1#
77 350.0 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:164 Resp: 47778
Ion Ratio Lower Upper
164 100
162 109.1 73.5 110.3
160 46.2 40.6 61.0

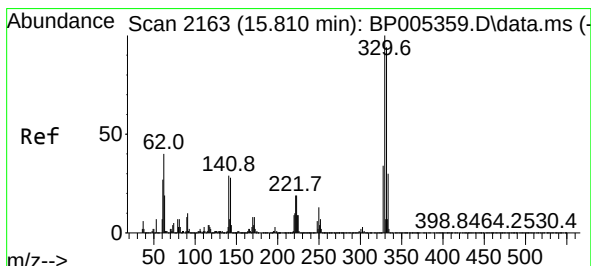
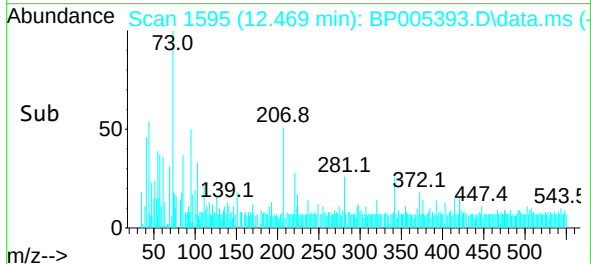
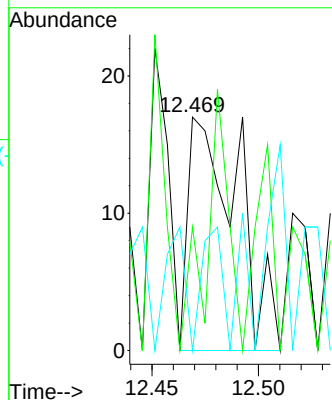
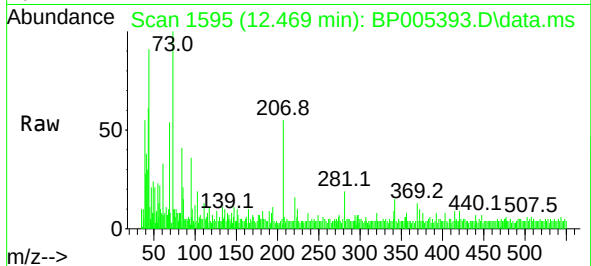




#41
Hexachlorocyclopentadiene
Concen: 6.99 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.018 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

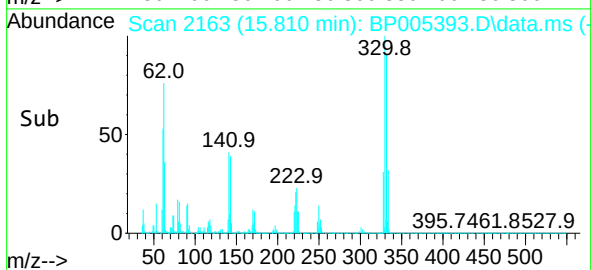
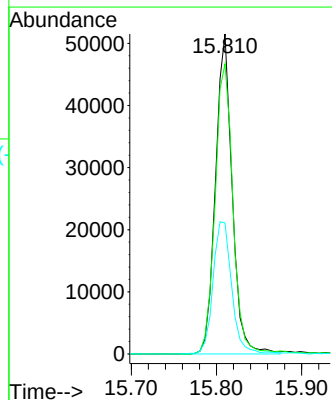
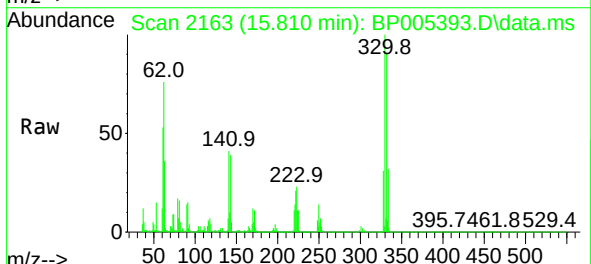
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

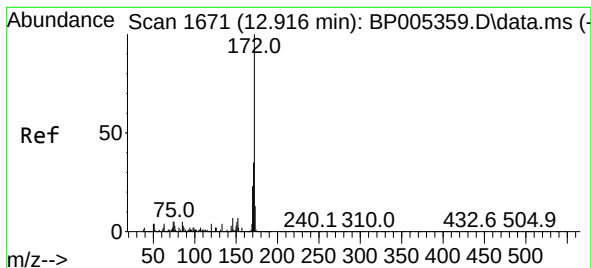
Tgt Ion:	237	Resp:	28
Ion Ratio	Lower	Upper	
237	100		
235	52.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 77.08 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:	330	Resp:	70446
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.3	114.5
141	46.6	22.8	34.2#

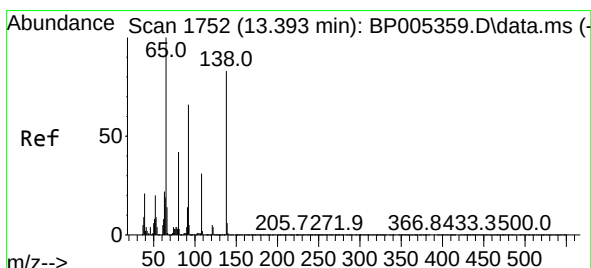
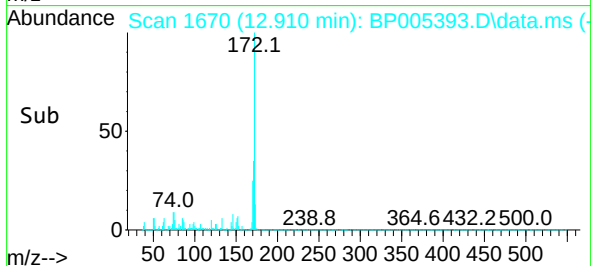
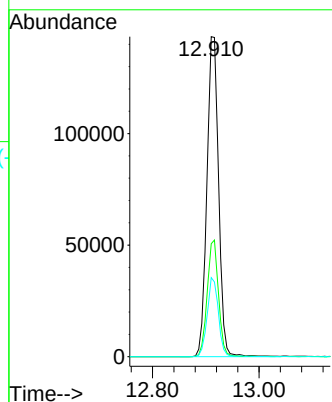
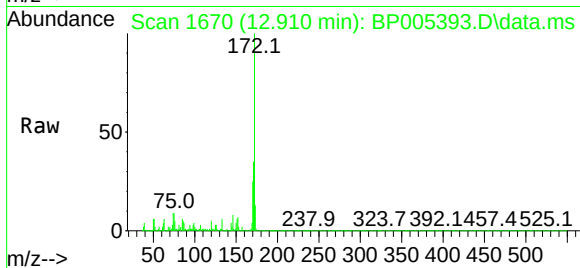




#45
2-Fluorobiphenyl
Concen: 59.27 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

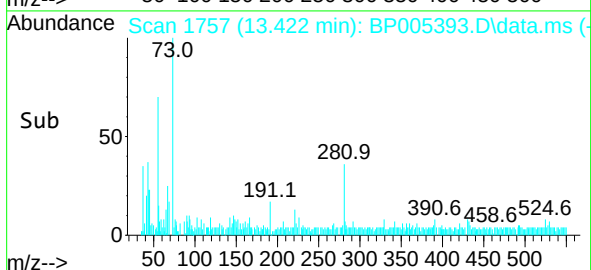
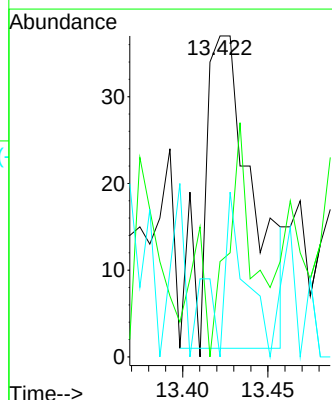
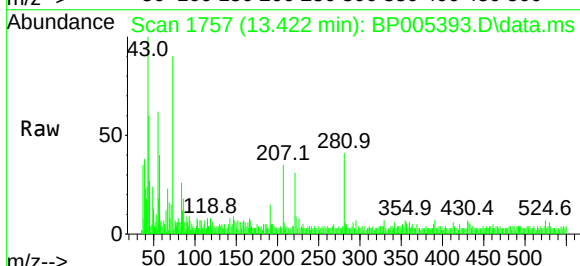
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

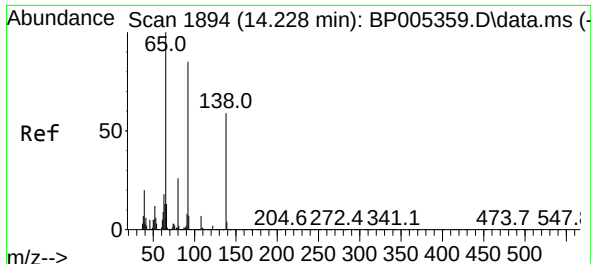
Tgt Ion:	172	Resp:	218775
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	24.7	19.6	29.4



#48
2-Nitroaniline
Concen: 5.51 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.029 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:	65	Resp:	72
Ion	Ratio	Lower	Upper
65	100		
92	29.7	48.8	73.2#
138	0.0	69.5	104.3#

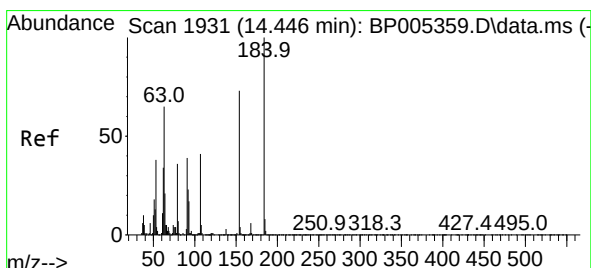
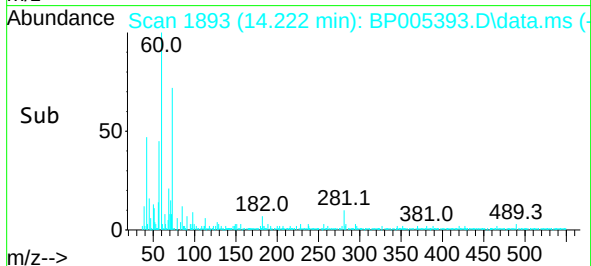
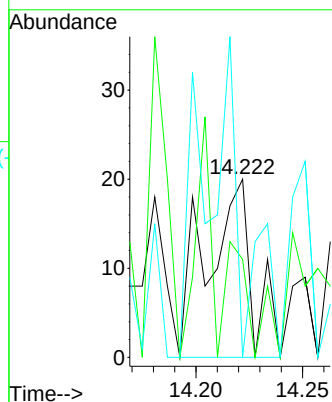
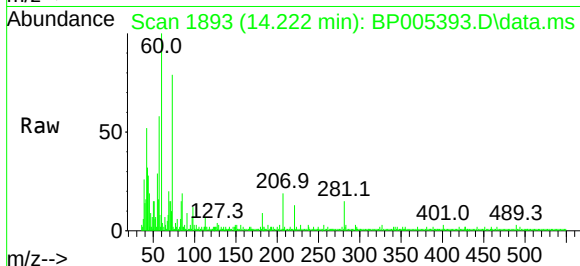




#53
3-Nitroaniline
Concen: 2.69 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

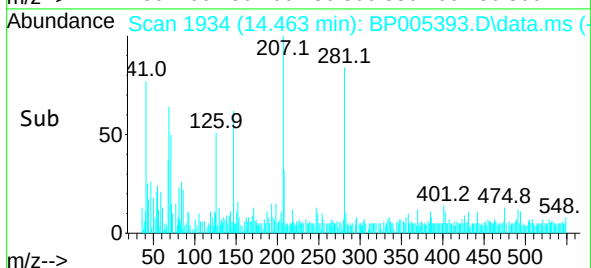
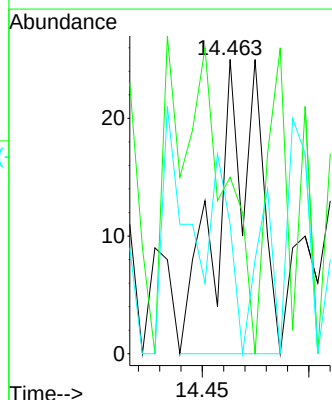
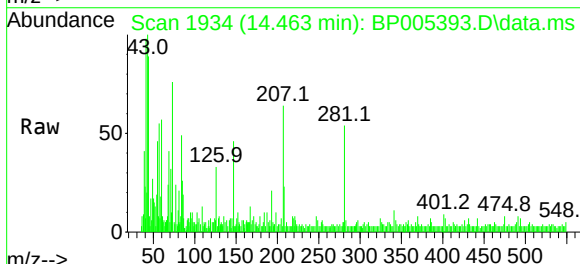
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

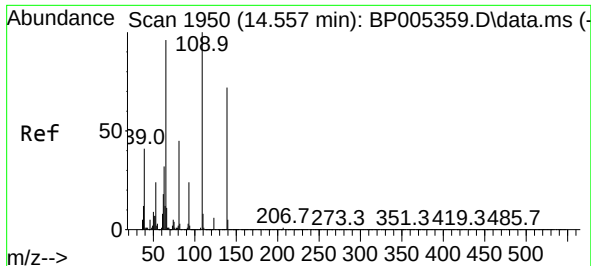
Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
108 140.0 10.2 15.4#
92 0.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.58 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.017 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 60.0 51.2 76.8
154 44.0 55.8 83.8#

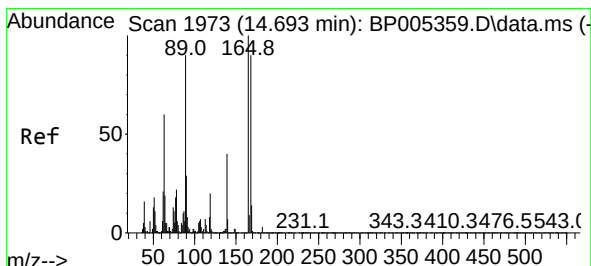
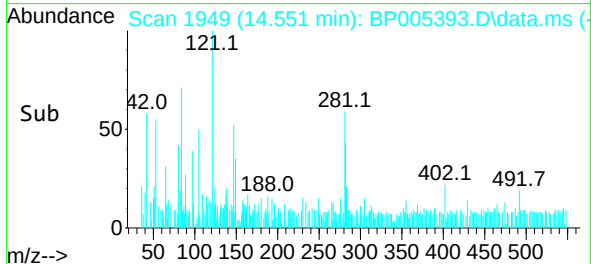
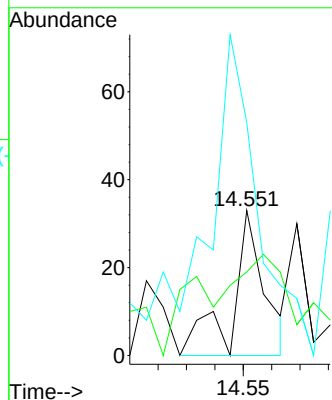
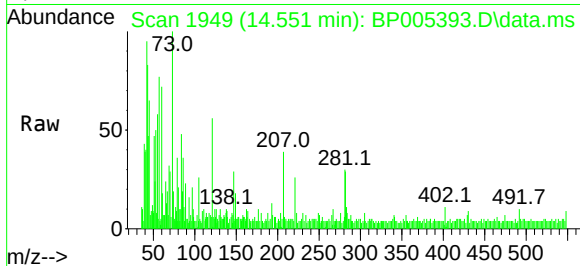




#56
4-Nitrophenol
Concen: 5.34 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

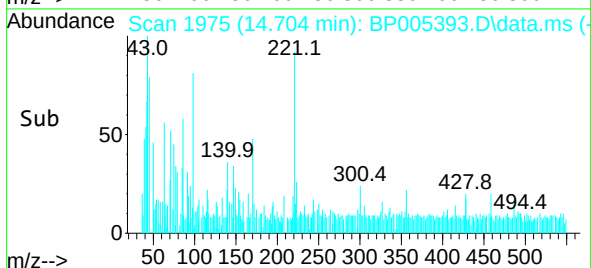
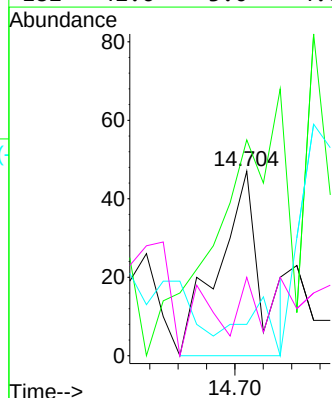
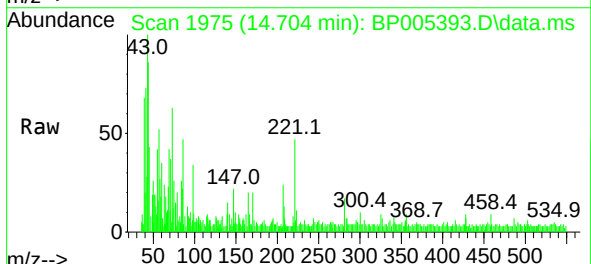
Instrument :
BNA_P
ClientSampled :
SB-30-9.5-10.0

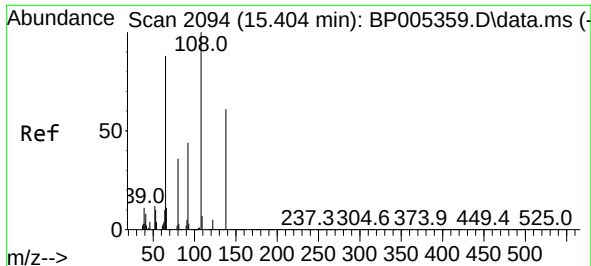
Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 57.6 122.8 162.8#
65 160.6 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.15 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.011 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:165 Resp: 49
Ion Ratio Lower Upper
165 100
63 117.0 56.7 85.1#
89 17.0 85.8 128.6#
182 42.6 3.0 4.6#

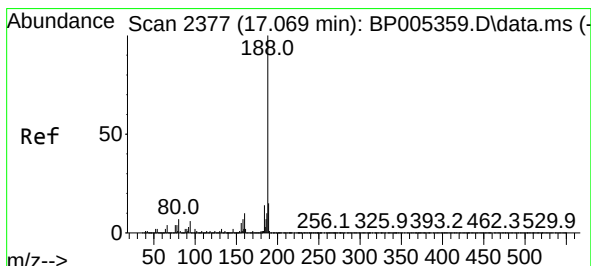
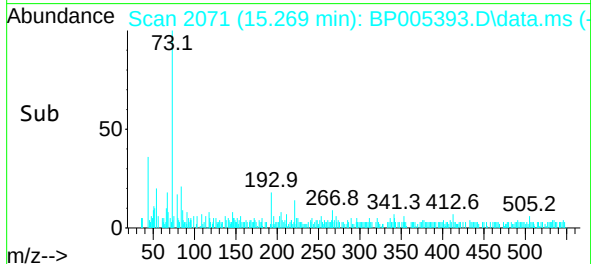
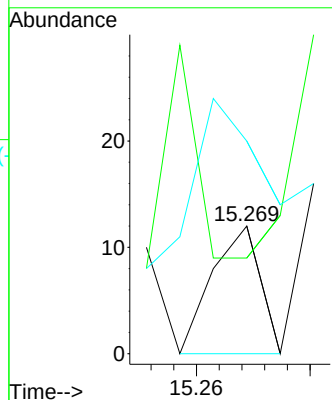
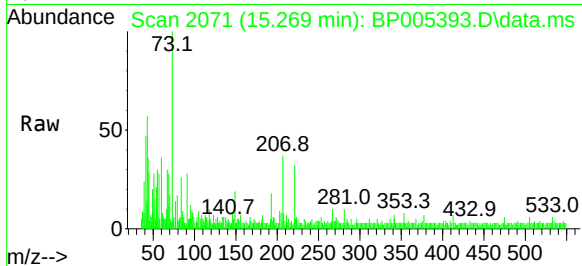




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.269 min Scan# 2071
Delta R.T. -0.135 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

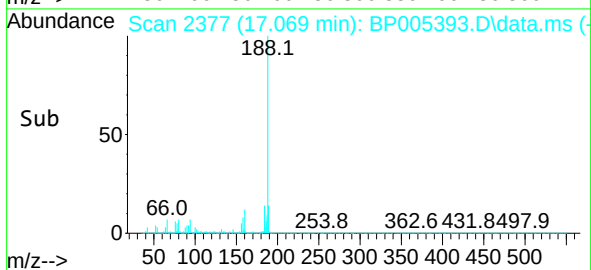
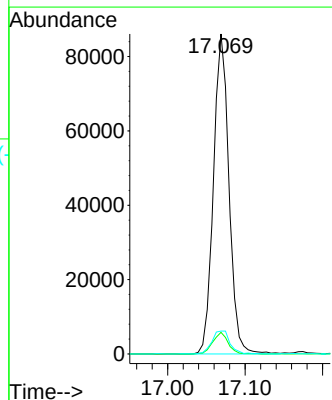
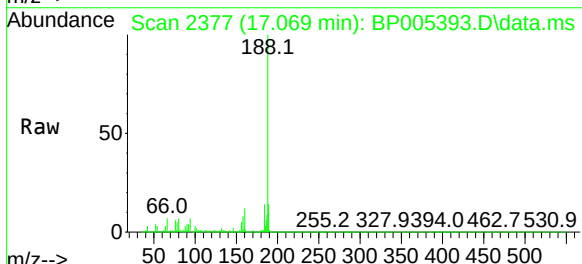
Instrument :
BNA_P
ClientSampleId :
SB-30-9.5-10.0

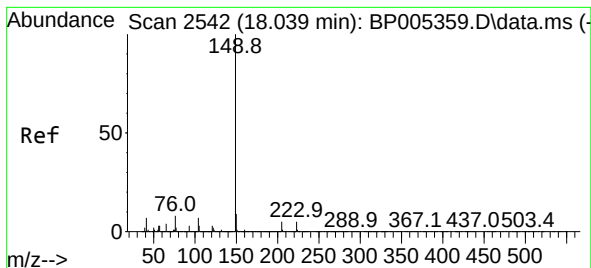
Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 75.0 50.9 90.9
108 166.7 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005393.D
Acq: 23 Apr 2021 14:51

Tgt Ion:188 Resp: 119842
Ion Ratio Lower Upper
188 100
94 6.7 5.0 7.6
80 7.1 5.9 8.9





#74

Di-n-butylphthalate

Concen: 4.43 ng

RT: 18.045 min Scan# 2543

Delta R.T. 0.006 min

Lab File: BP005393.D

Acq: 23 Apr 2021 14:51

Instrument :

BNA_P

ClientSampleId :

SB-30-9.5-10.0

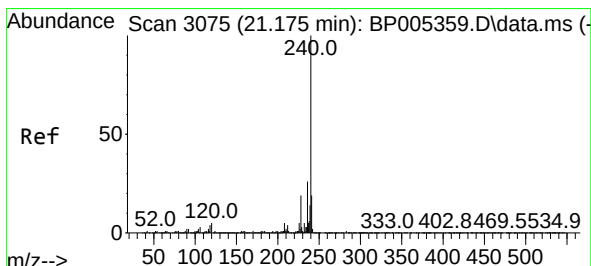
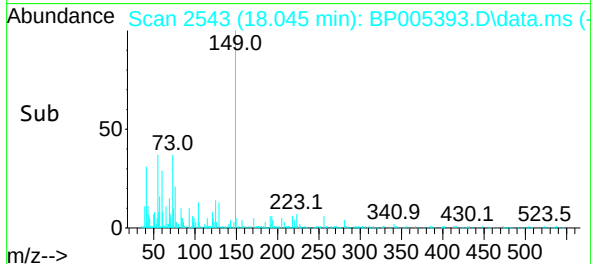
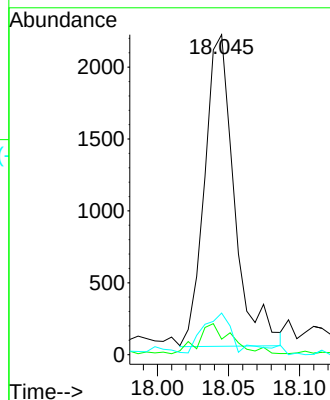
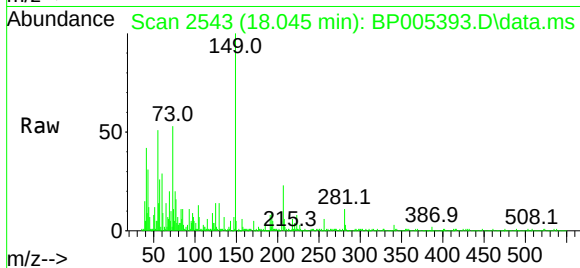
Tgt Ion:149 Resp: 3161

Ion Ratio Lower Upper

149 100

150 4.9 7.6 11.4#

104 13.0 8.9 13.3



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.174 min Scan# 3075

Delta R.T. -0.001 min

Lab File: BP005393.D

Acq: 23 Apr 2021 14:51

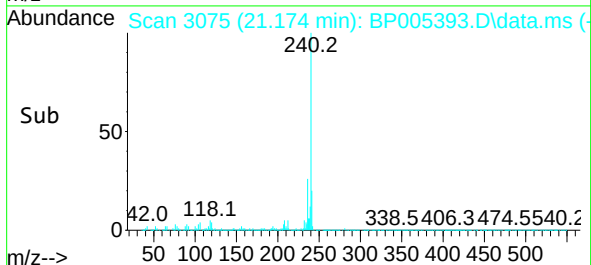
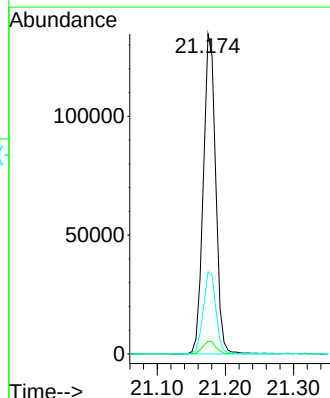
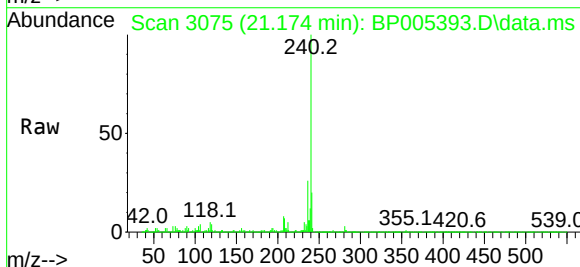
Tgt Ion:240 Resp: 169964

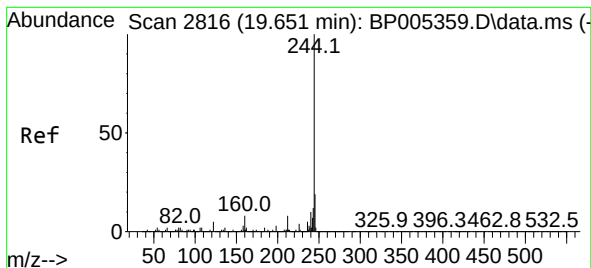
Ion Ratio Lower Upper

240 100

120 4.1 4.2 6.2#

236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 53.19 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP005393.D

Acq: 23 Apr 2021 14:51

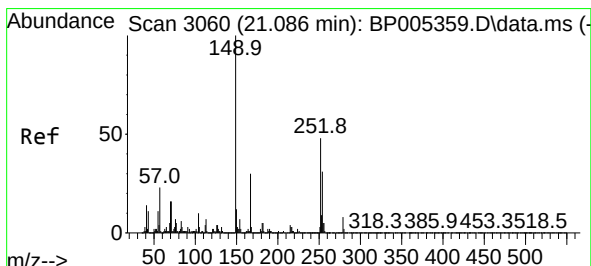
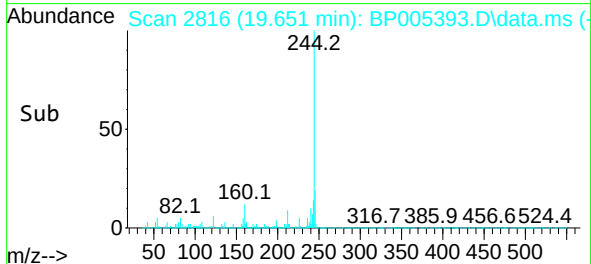
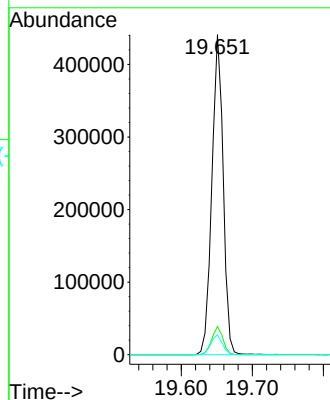
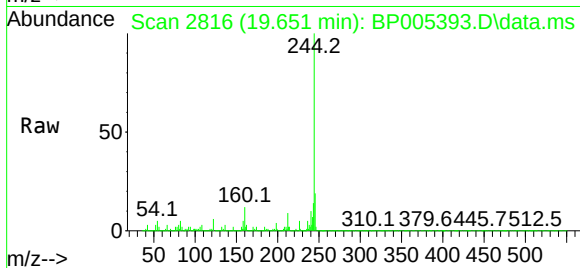
Instrument :

BNA_P

ClientSampleId :

SB-30-9.5-10.0

Tgt Ion:244	Resp:	487884
Ion Ratio	Lower	Upper
244	100	
212	8.8	5.8 8.6#
122	6.2	5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.50 ng

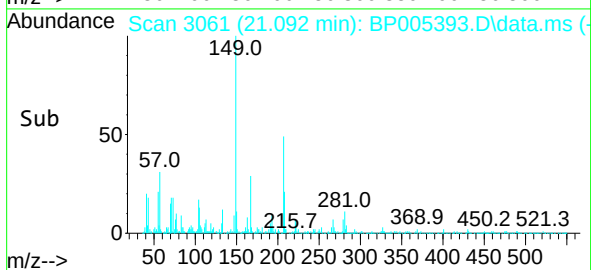
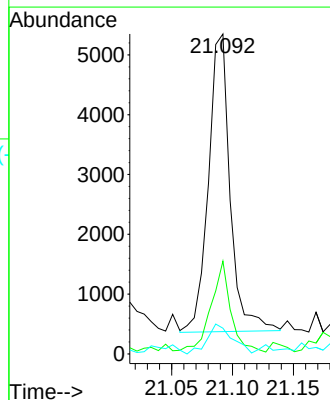
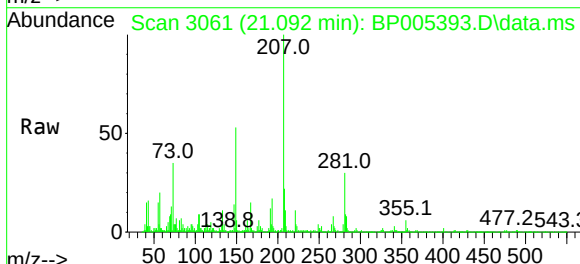
RT: 21.092 min Scan# 3061

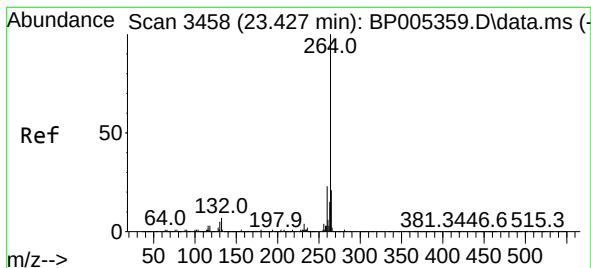
Delta R.T. 0.006 min

Lab File: BP005393.D

Acq: 23 Apr 2021 14:51

Tgt Ion:149	Resp:	6189
Ion Ratio	Lower	Upper
149	100	
167	29.0	23.8 35.8
279	8.0	5.7 8.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005393.D
 Acq: 23 Apr 2021 14:51

Instrument :
 BNA_P
 ClientSampleId :
 SB-30-9.5-10.0

Tgt Ion:264 Resp: 190021
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.6 30.8
 265 21.4 19.0 28.6

