

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005394.D
 Acq On : 23 Apr 2021 15:25
 Operator : CG/JU
 Sample : M2131-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IDW-AQ-FT1-042121

Quant Time: Apr 23 15:59:31 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)

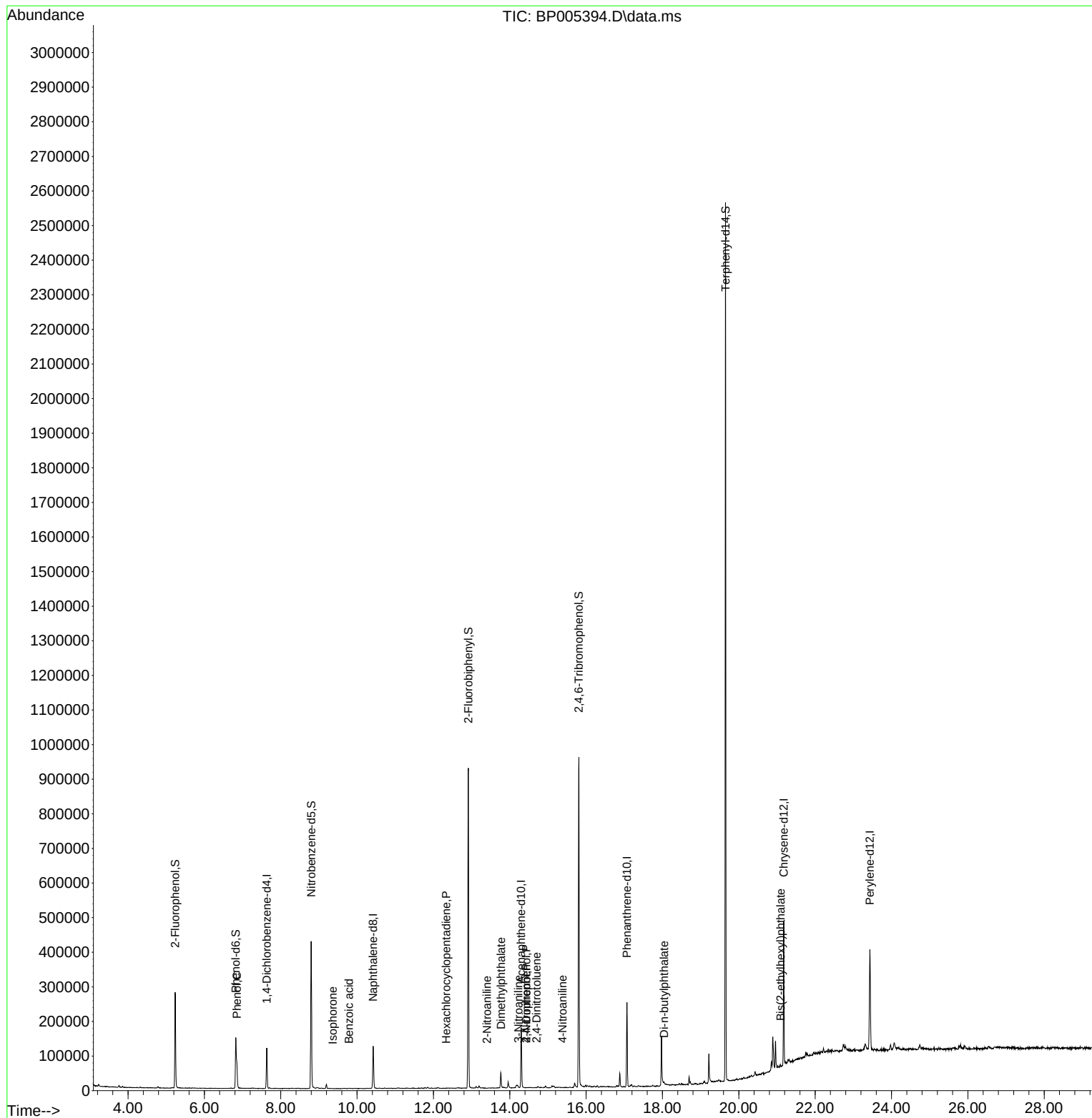
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	20717	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	69692	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	48405	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	120324	20.00	ng	0.00
76) Chrysene-d12	21.174	240	177897	20.00	ng	0.00
86) Perylene-d12	23.433	264	193263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	78002	65.40	ng	-0.01
7) Phenol-d6	6.822	99	57957	35.27	ng	-0.01
23) Nitrobenzene-d5	8.799	82	230392	143.78	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	130604	141.06	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	381024	101.90	ng	0.00
79) Terphenyl-d14	19.651	244	884929	92.18	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	26676	16.27	ng	# 62
25) Isophorone	9.363	82	343	3.06	ng	# 75
32) Benzoic acid	9.787	122	18	7.76	ng	# 1
41) Hexachlorocyclopentadiene	12.334	237	11	6.97	ng	79
48) 2-Nitroaniline	13.404	65	43	5.48	ng	# 67
50) Dimethylphthalate	13.769	163	20357	5.79	ng	98
53) 3-Nitroaniline	14.228	138	22	2.68	ng	# 22
54) 2,4-Dinitrophenol	14.434	184	17	7.55	ng	# 1
56) 4-Nitrophenol	14.434	139	12	5.32	ng	85
57) 2,4-Dinitrotoluene	14.704	165	19	3.12	ng	# 1
62) 4-Nitroaniline	15.381	138	24	3.85	ng	# 31
74) Di-n-butylphthalate	18.045	149	2880	4.38	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.092	149	2283	3.51	ng	94

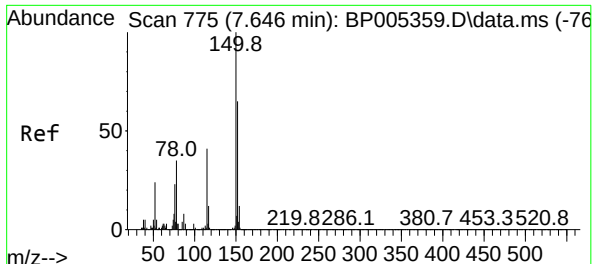
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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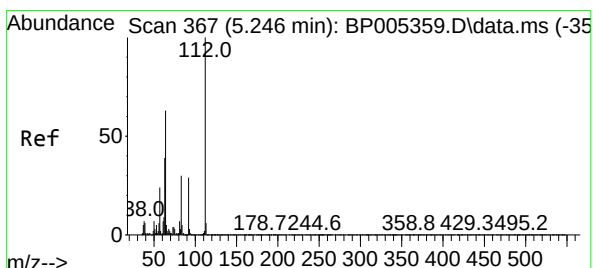
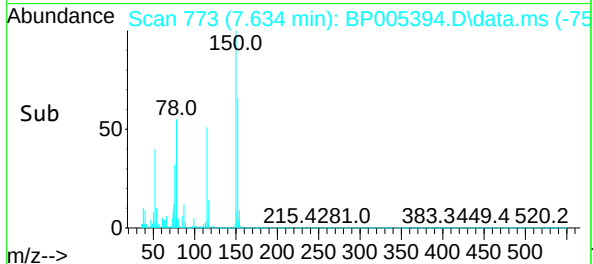
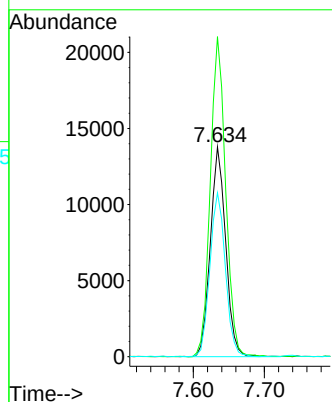
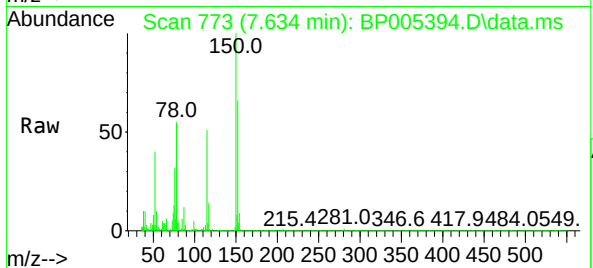




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

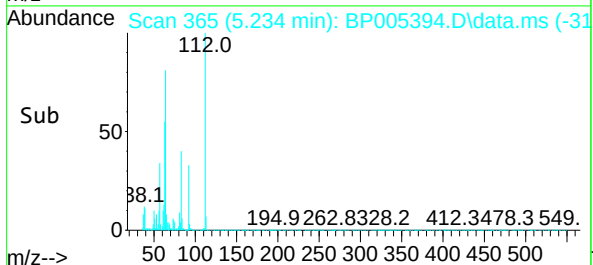
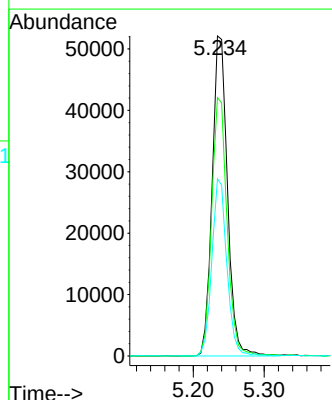
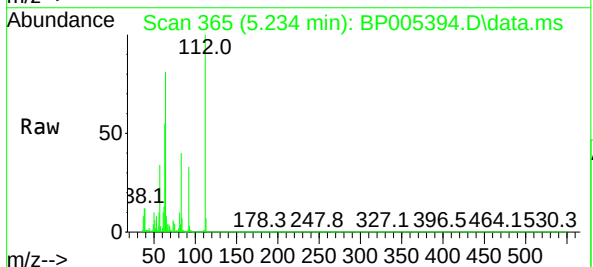
Instrument :
BNA_P
ClientSampleId :
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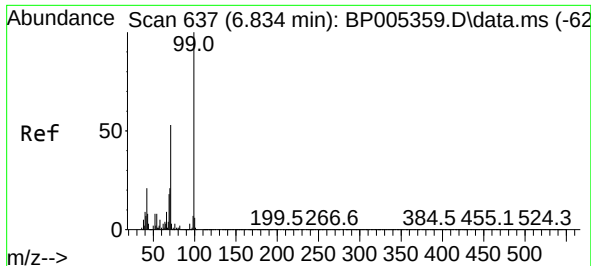
Tgt Ion:152 Resp: 20717
Ion Ratio Lower Upper
152 100
150 152.5 119.8 179.8
115 78.1 49.0 73.4#



#5
2-Fluorophenol
Concen: 65.40 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:112 Resp: 78002
Ion Ratio Lower Upper
112 100
64 80.8 33.6 50.4#
63 55.3 18.6 27.8#

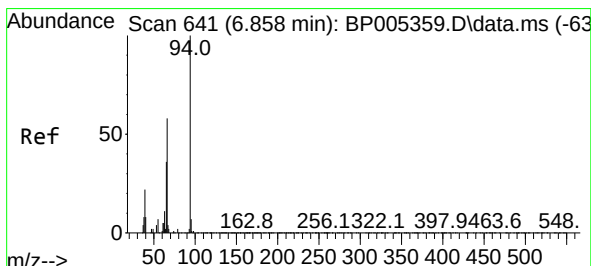
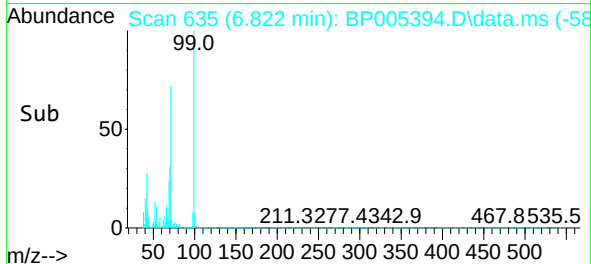
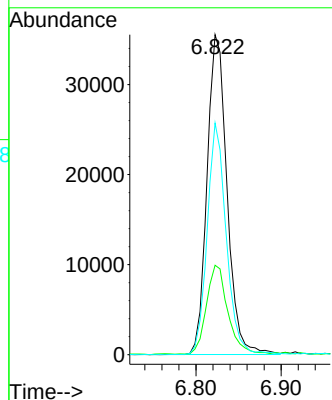
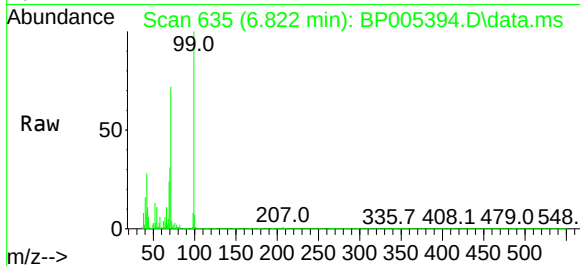




#7
Phenol-d6
Concen: 35.27 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

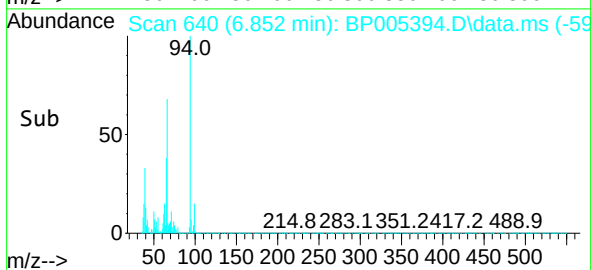
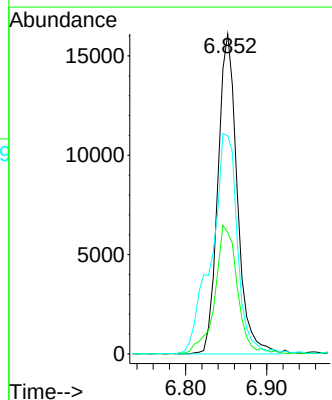
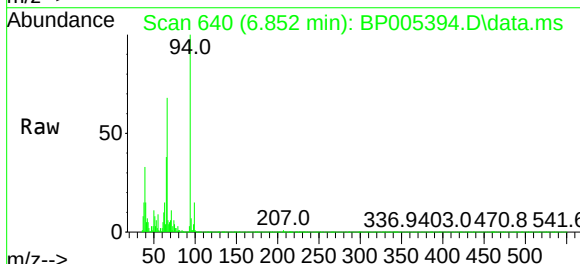
Instrument :
BNA_P
ClientSampleId :
IDW-AQ-FT1-042121

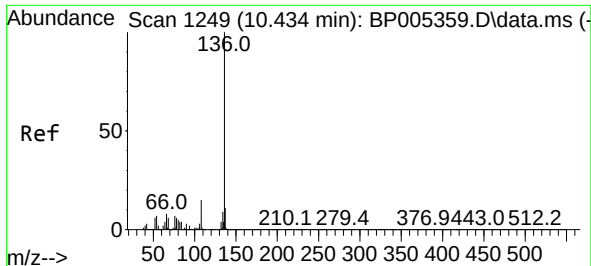
Tgt Ion: 99 Resp: 57957
Ion Ratio Lower Upper
99 100
42 28.0 12.9 19.3#
71 72.4 26.7 40.1#



#10
Phenol
Concen: 16.27 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion: 94 Resp: 26676
Ion Ratio Lower Upper
94 100
65 38.0 8.0 48.0
66 68.2 17.3 57.3#

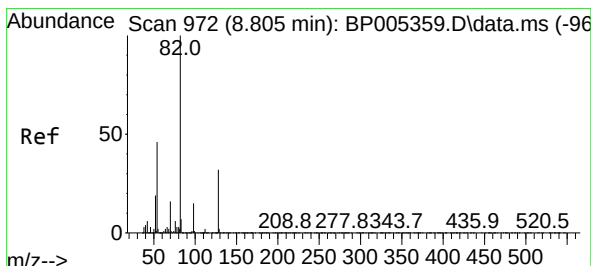
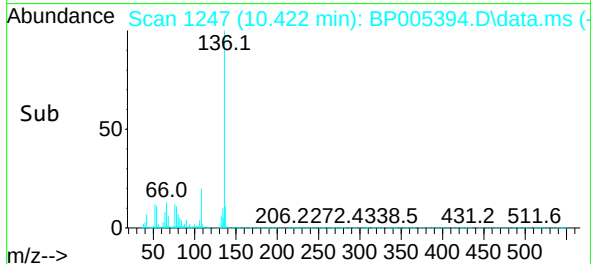
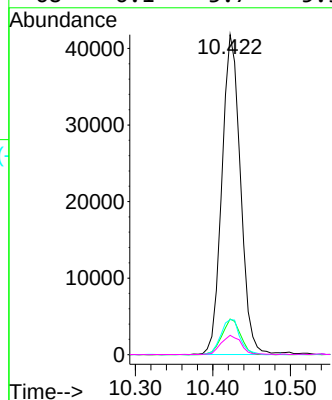
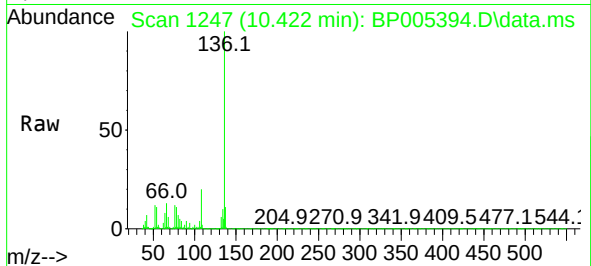




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

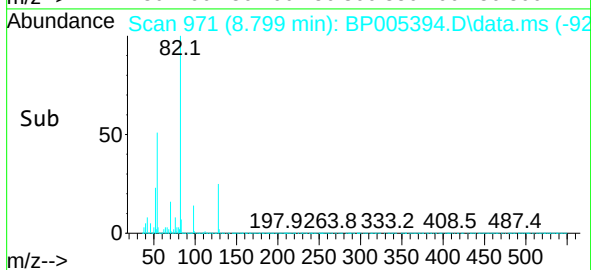
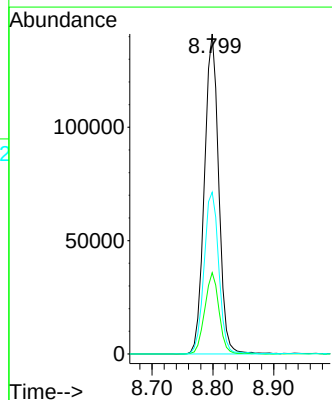
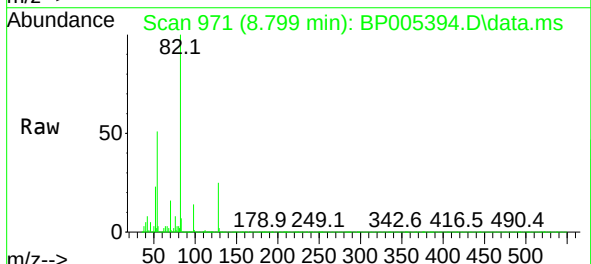
Instrument :
BNA_P
ClientSampleId :
IDW-AQ-FT1-042121

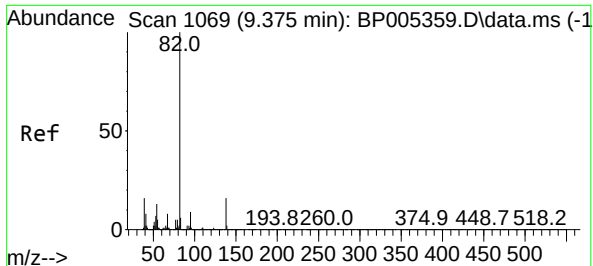
Tgt Ion:	136	Resp:	69692
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	11.0	5.0	7.4#
68	6.1	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 143.78 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:	82	Resp:	230392
Ion Ratio	Lower	Upper	
82	100		
128	25.4	30.5	45.7#
54	50.5	33.9	50.9

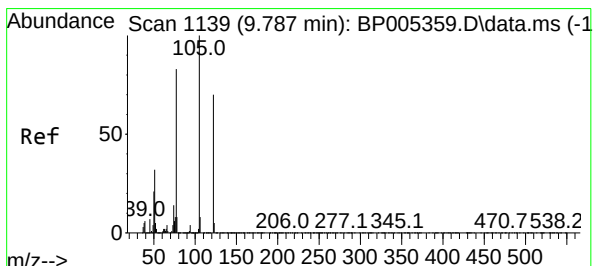
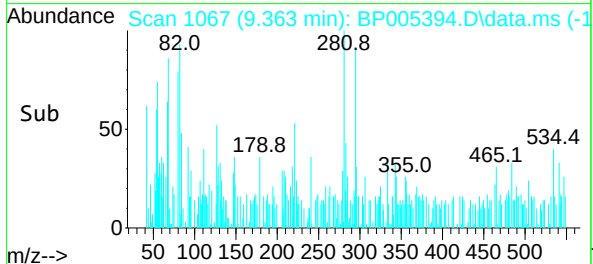
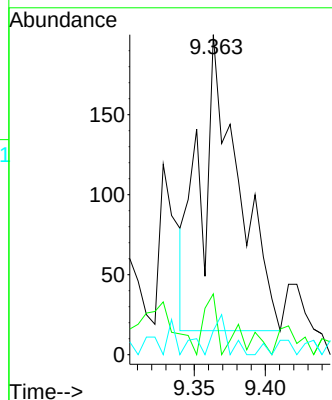
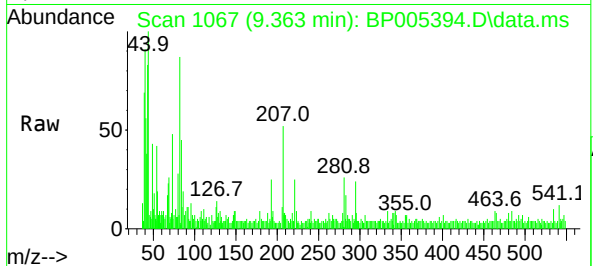




#25
Isophorone
Concen: 3.06 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

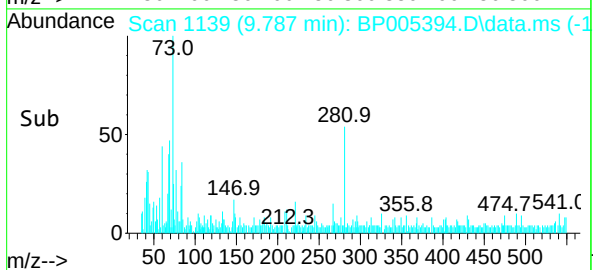
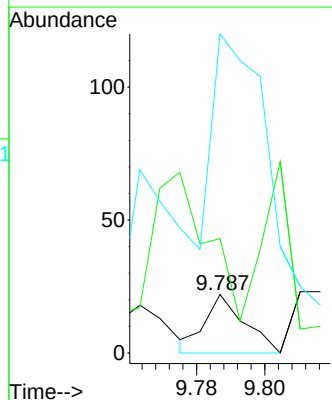
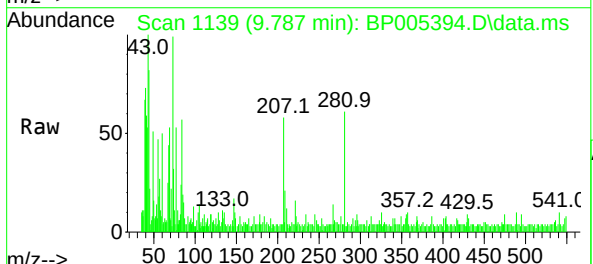
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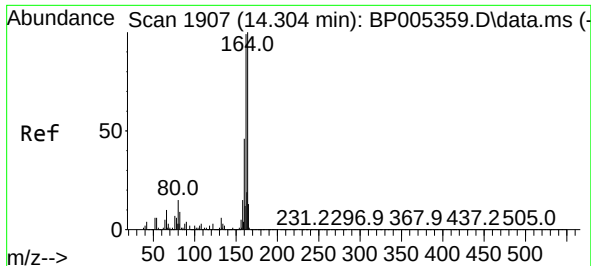
Tgt Ion: 82 Resp: 343
Ion Ratio Lower Upper
82 100
95 19.0 7.5 11.3#
138 7.5 14.6 22.0#



#32
Benzoic acid
Concen: 7.76 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion: 122 Resp: 18
Ion Ratio Lower Upper
122 100
105 195.5 105.1 145.1#
77 559.1 69.6 109.6#

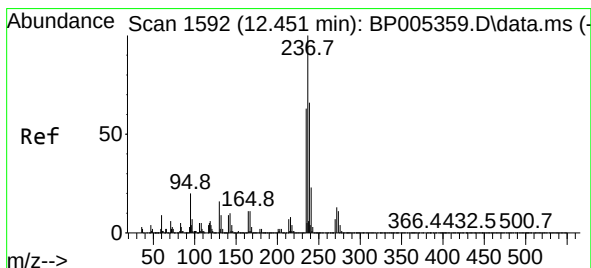
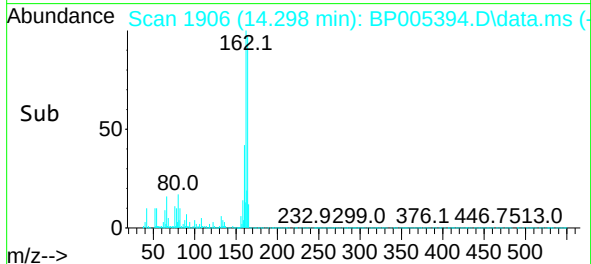
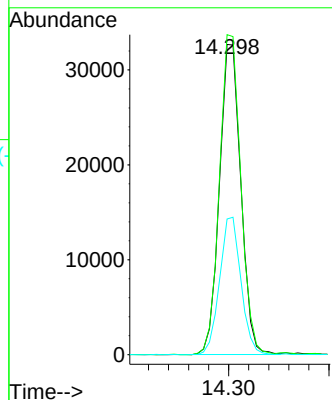
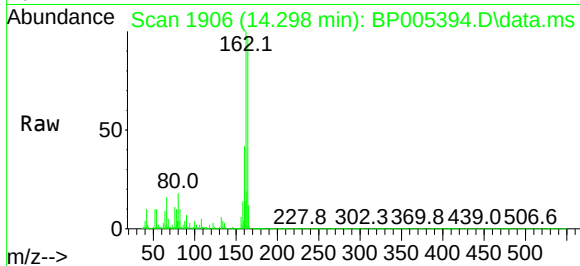




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

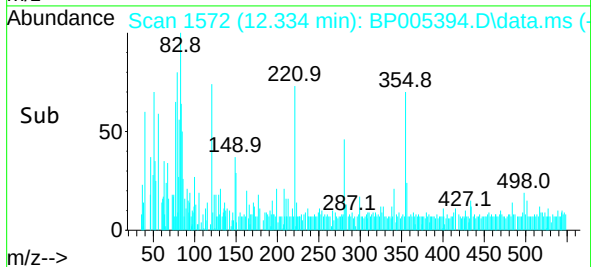
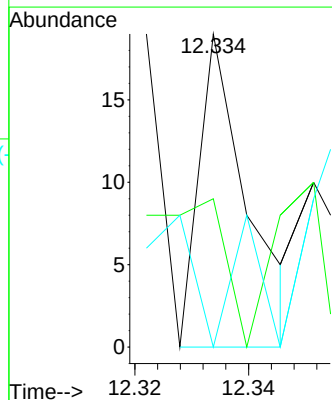
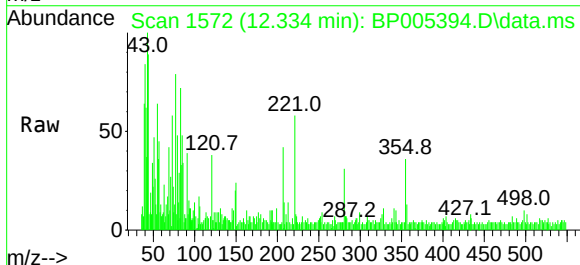
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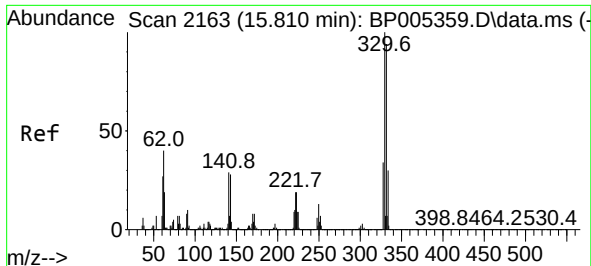
Tgt Ion:	164	Resp:	48405
Ion Ratio	Lower	Upper	
164	100		
162	103.2	73.5	110.3
160	43.7	40.6	61.0



#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.334 min Scan# 1572
Delta R.T. -0.117 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:	237	Resp:	11
Ion Ratio	Lower	Upper	
237	100		
235	47.4	40.9	80.9
272	0.0	0.0	34.6

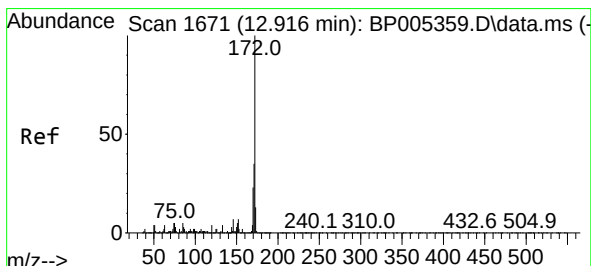
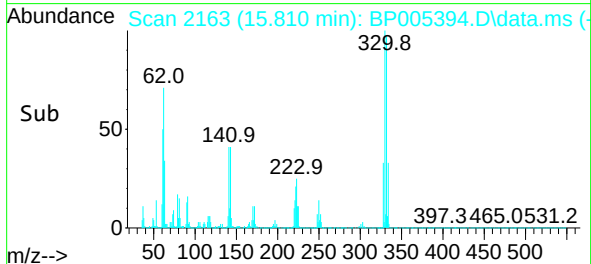
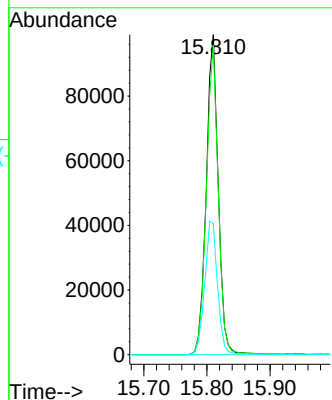
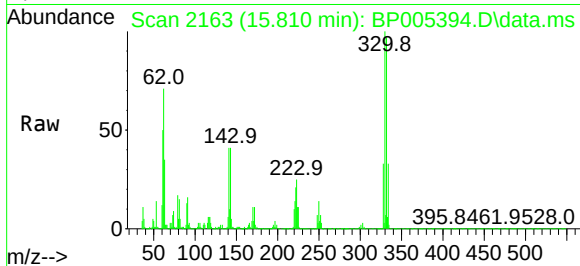




#42
2,4,6-Tribromophenol
Concen: 141.06 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

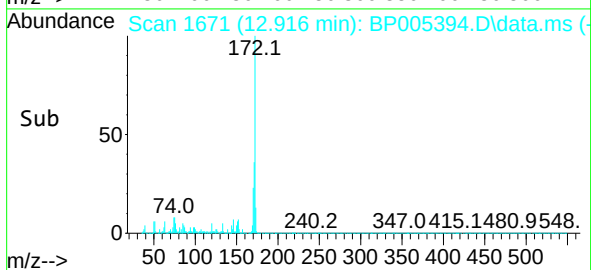
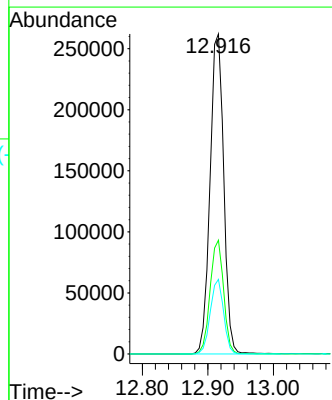
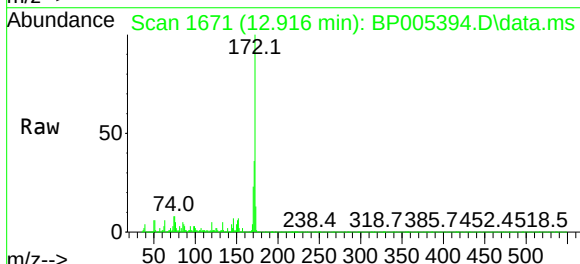
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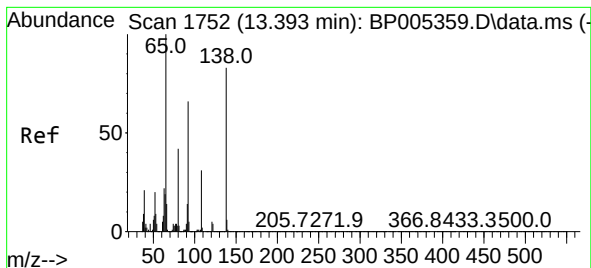
Tgt Ion:330 Resp: 130604
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 44.8 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 101.90 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:172 Resp: 381024
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 19.6 29.4

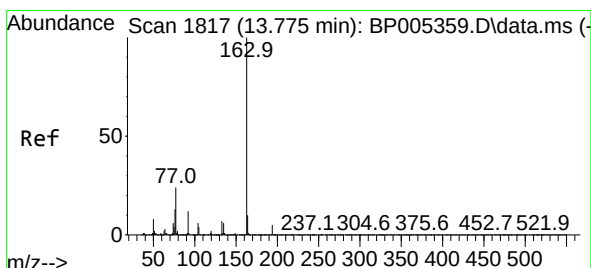
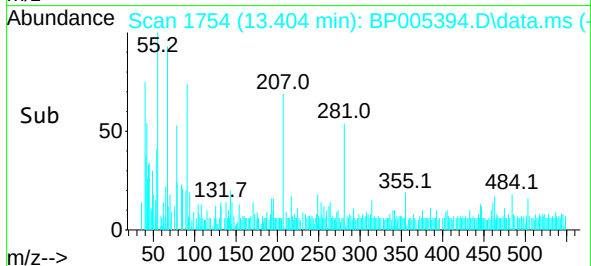
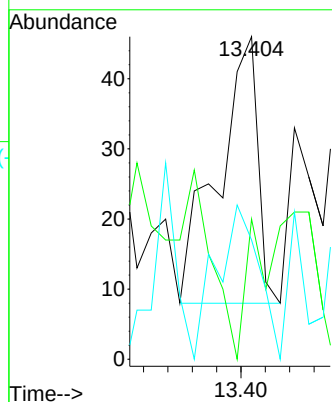
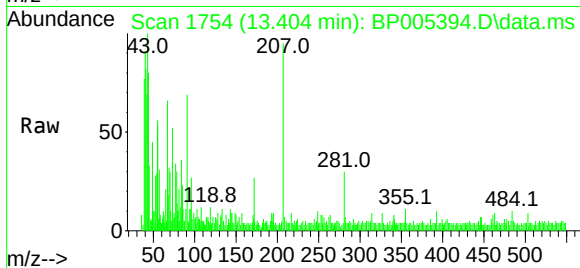




#48
2-Nitroaniline
Concen: 5.48 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.011 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

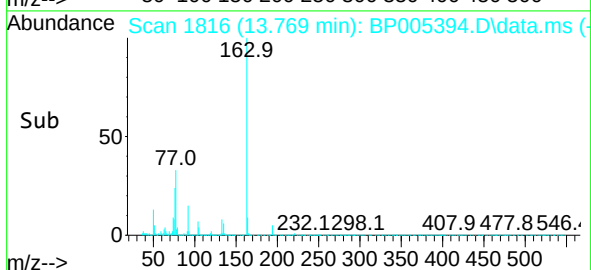
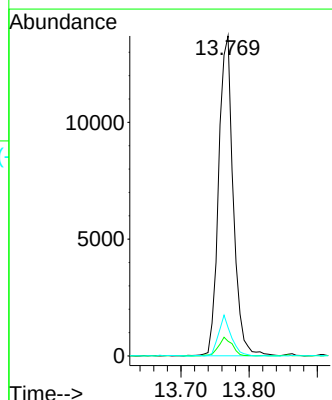
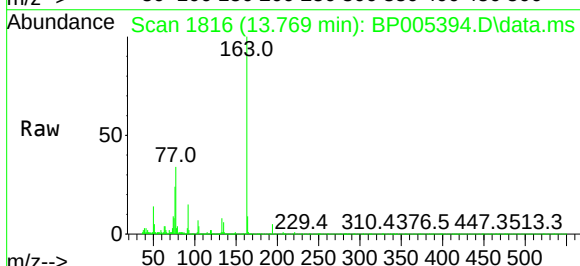
Instrument :
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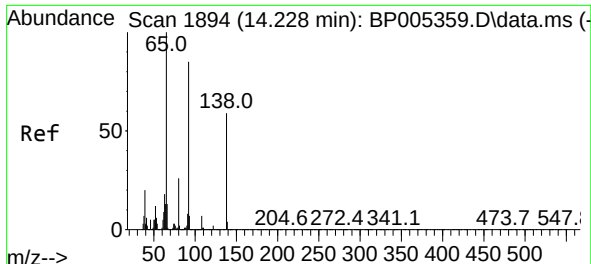
Tgt Ion: 65 Resp: 43
Ion Ratio Lower Upper
65 100
92 63.0 48.8 73.2
138 37.0 69.5 104.3#



#50
Dimethylphthalate
Concen: 5.79 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion: 163 Resp: 20357
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 8.9 8.1 12.1

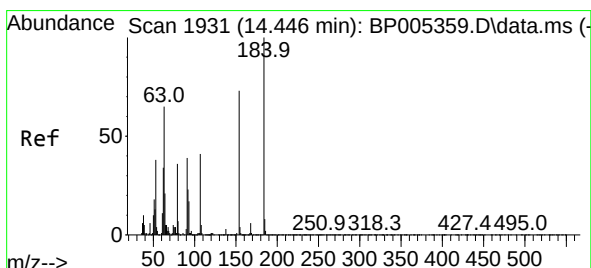
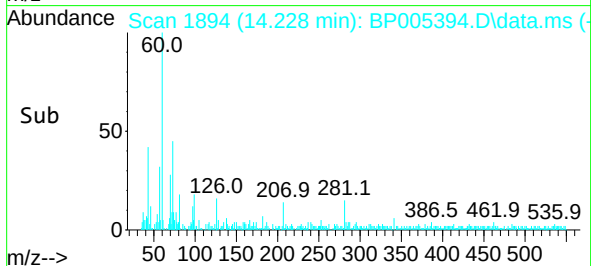
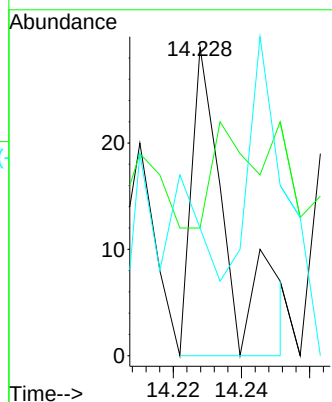
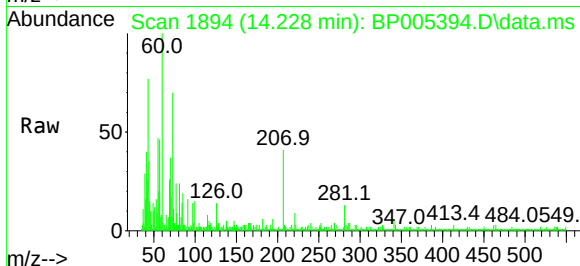




#53
3-Nitroaniline
Concen: 2.68 ng
RT: 14.228 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

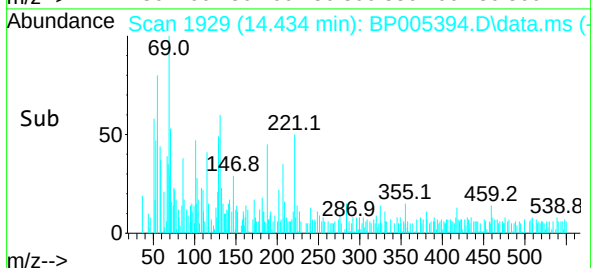
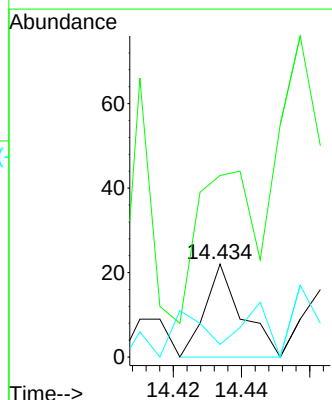
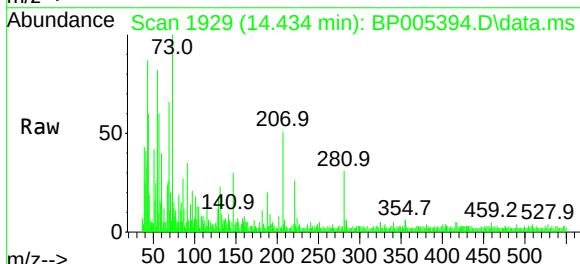
Instrument :
BNA_P
ClientSampleId :
IDW-AQ-FT1-042121

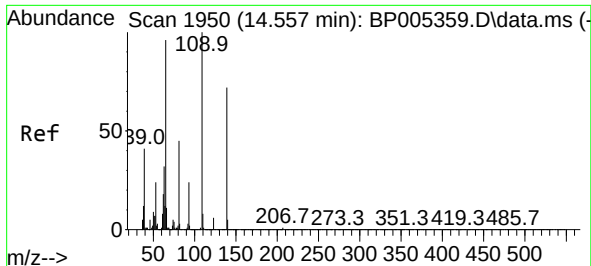
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
108 41.4 10.2 15.4#
92 41.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 195.5 51.2 76.8#
154 13.6 55.8 83.8#

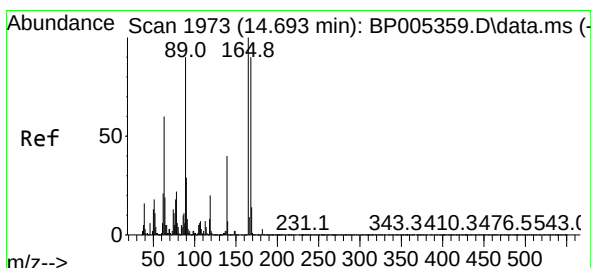
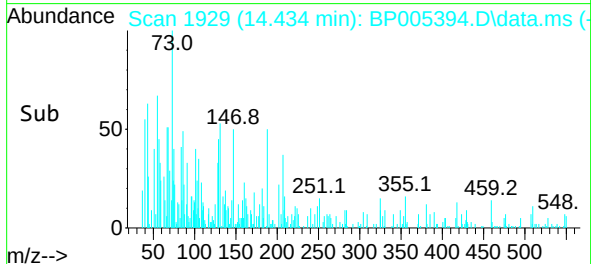
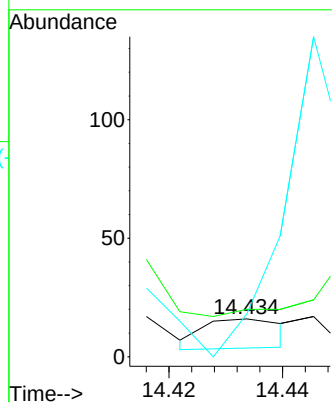
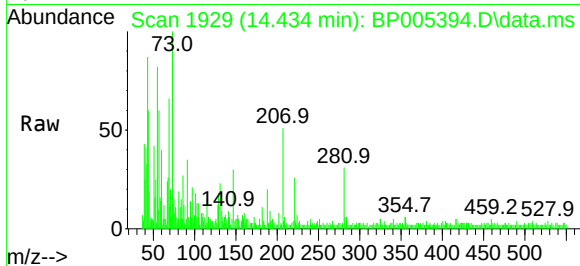




#56
4-Nitrophenol
Concen: 5.32 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.123 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

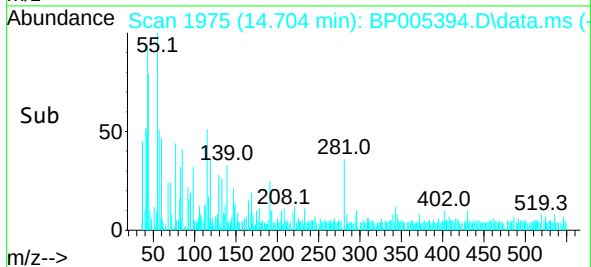
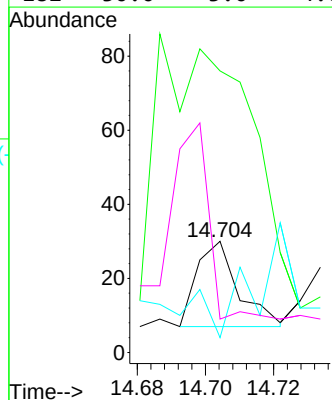
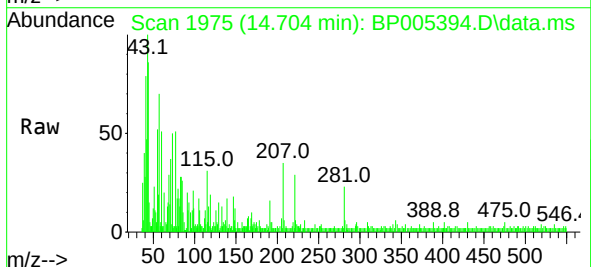
Instrument :
BNA_P
ClientSampleId :
IDW-AQ-FT1-042121

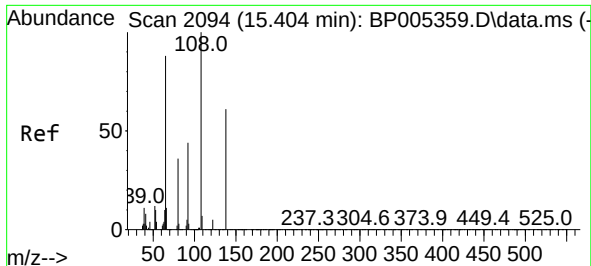
Tgt Ion:	139	Resp:	12
Ion	Ratio	Lower	Upper
139	100		
109	125.0	122.8	162.8
65	112.5	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.011 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:	165	Resp:	19
Ion	Ratio	Lower	Upper
165	100		
63	253.3	56.7	85.1#
89	13.3	85.8	128.6#
182	30.0	3.0	4.6#

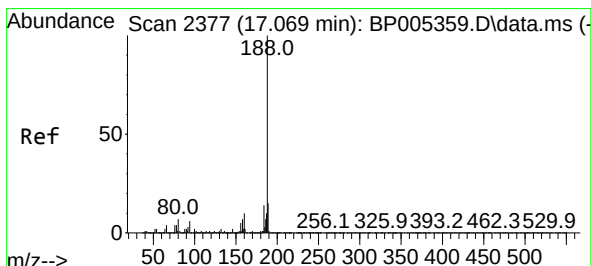
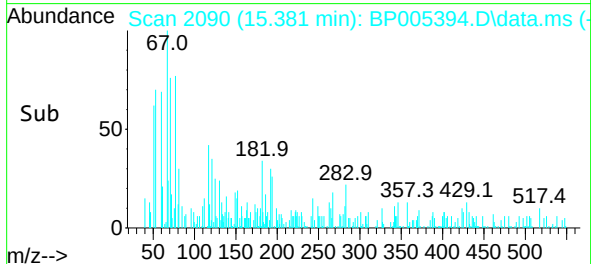
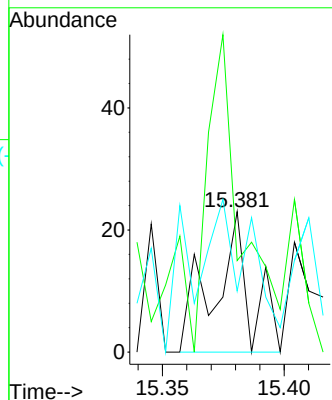
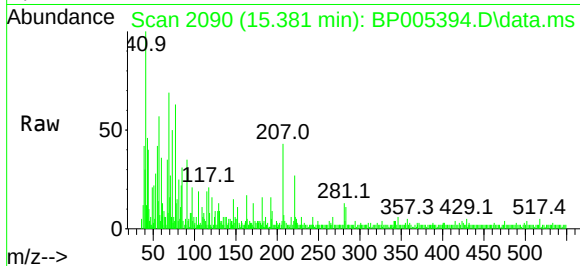




#62
4-Nitroaniline
Concen: 3.85 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.023 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

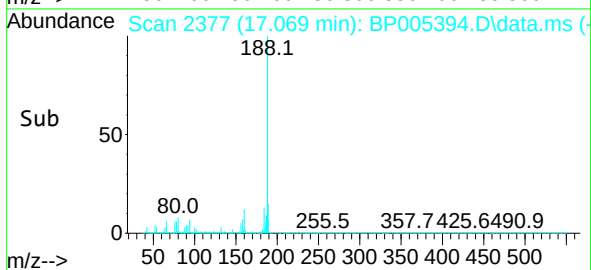
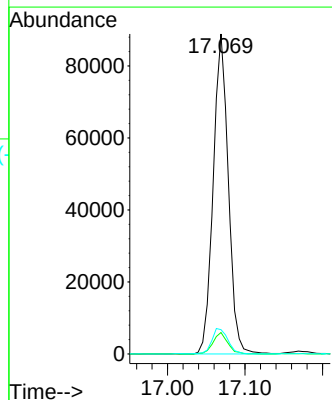
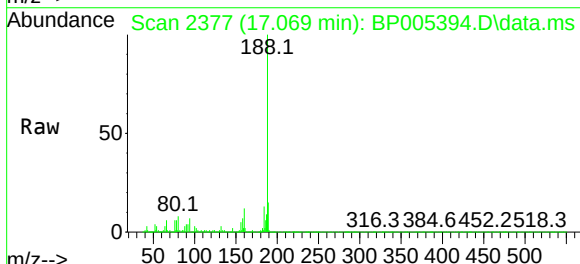
Instrument :
BNA_P
ClientSampleId :
IDW-AQ-FT1-042121

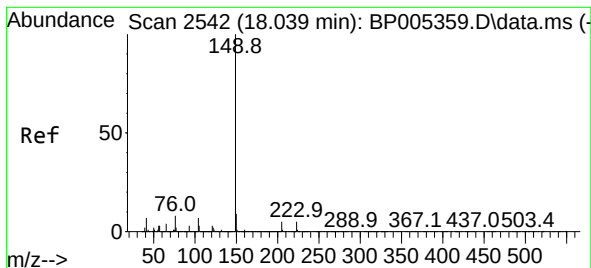
Tgt Ion:138 Resp: 24
Ion Ratio Lower Upper
138 100
92 65.2 50.9 90.9
108 43.5 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:188 Resp: 120324
Ion Ratio Lower Upper
188 100
94 6.7 5.0 7.6
80 7.6 5.9 8.9





#74

Di-n-butylphthalate

Concen: 4.38 ng

RT: 18.045 min Scan# 2543

Delta R.T. 0.006 min

Lab File: BP005394.D

Acq: 23 Apr 2021 15:25

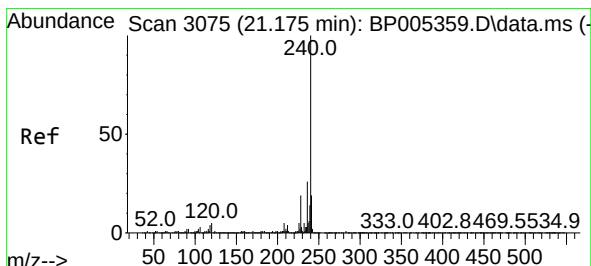
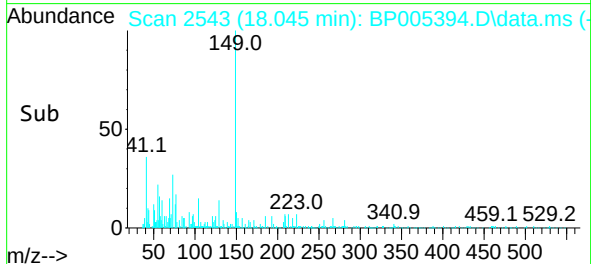
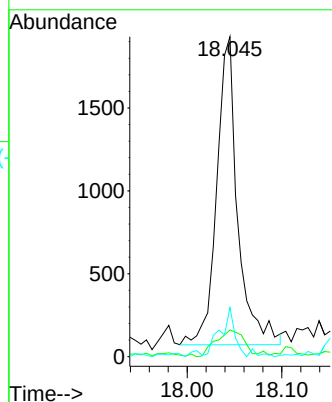
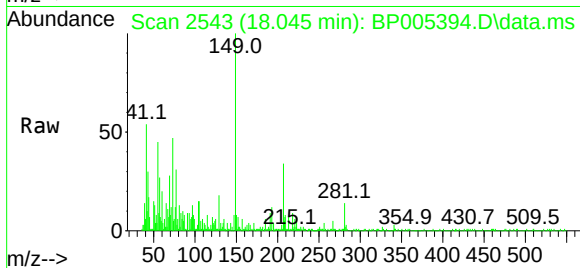
Instrument :

BNA_P

ClientSampleId :

IDW-AQ-FT1-042121

Tgt Ion:	149	Resp:	2880
Ion Ratio	Lower	Upper	
149	100		
150	8.3	7.6	11.4
104	15.3	8.9	13.3#



#76

Chrysene-d12

Concen: 20.00 ng

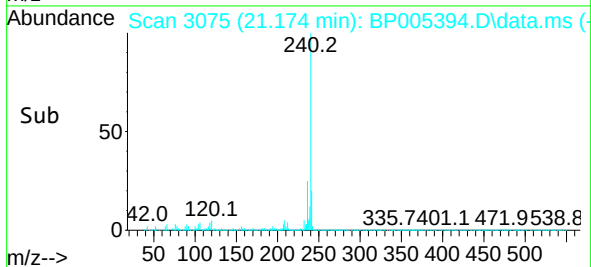
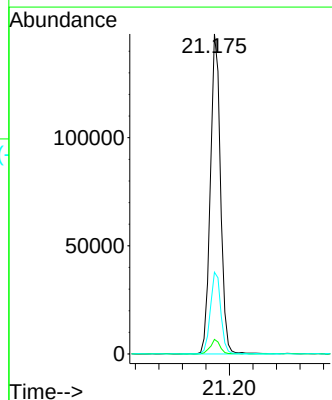
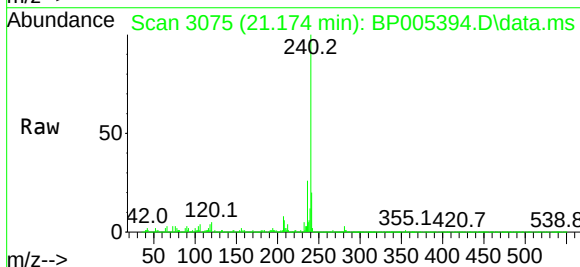
RT: 21.174 min Scan# 3075

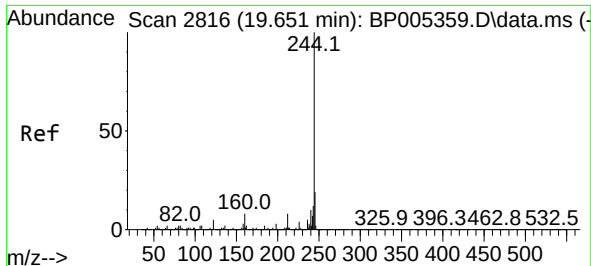
Delta R.T. -0.001 min

Lab File: BP005394.D

Acq: 23 Apr 2021 15:25

Tgt Ion:	240	Resp:	177897
Ion Ratio	Lower	Upper	
240	100		
120	4.6	4.2	6.2
236	25.5	20.2	30.2

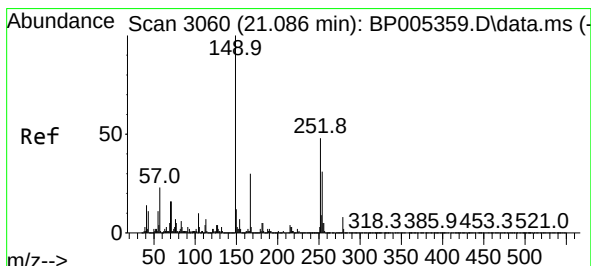
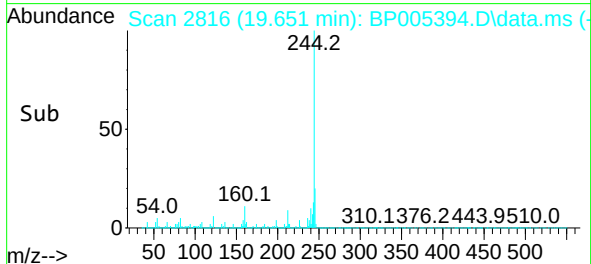
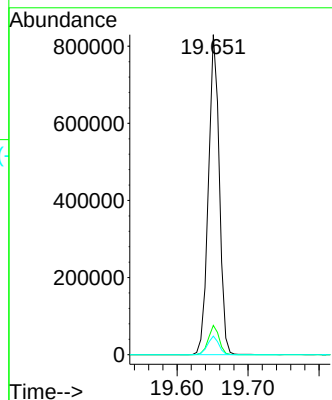
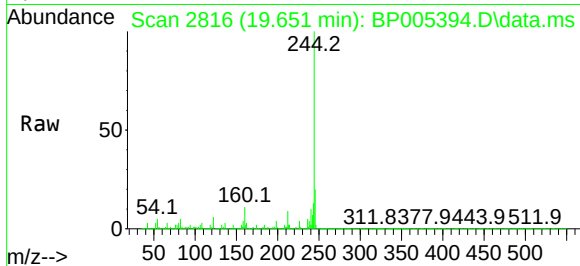




#79
Terphenyl-d14
Concen: 92.18 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

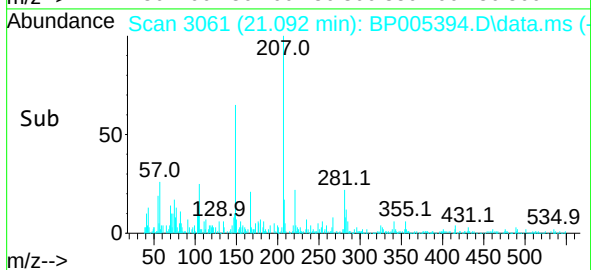
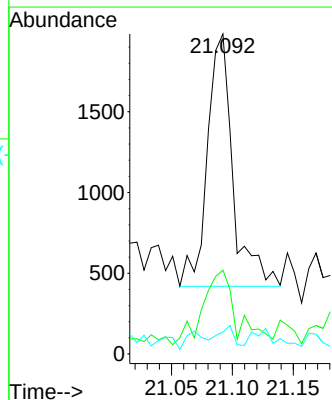
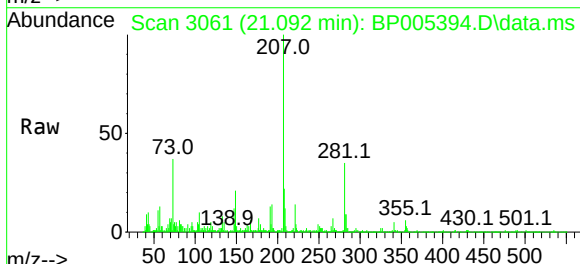
Instrument :
BNA_P
ClientSampleId :
IDW-AQ-FT1-042121

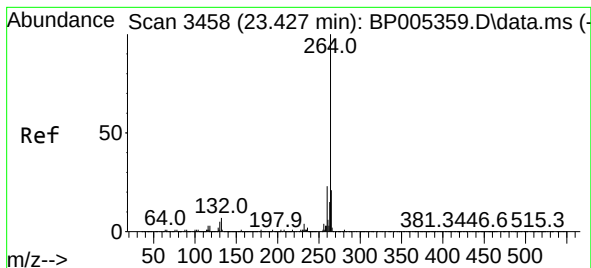
Tgt Ion:244 Resp: 884929
Ion Ratio Lower Upper
244 100
212 9.2 5.8 8.6#
122 5.8 5.2 7.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.51 ng
RT: 21.092 min Scan# 3061
Delta R.T. 0.006 min
Lab File: BP005394.D
Acq: 23 Apr 2021 15:25

Tgt Ion:149 Resp: 2283
Ion Ratio Lower Upper
149 100
167 26.2 23.8 35.8
279 6.9 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: BP005394.D
 Acq: 23 Apr 2021 15:25

Instrument :
 BNA_P
 ClientSampleId :
 IDW-AQ-FT1-042121

Tgt Ion:264 Resp: 193263
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.6 30.8
 265 22.1 19.0 28.6

