

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005399.D
 Acq On : 23 Apr 2021 18:14
 Operator : CG/JU
 Sample : M2149-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-40-9.5-10.0

Quant Time: Apr 23 23:37:36 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)

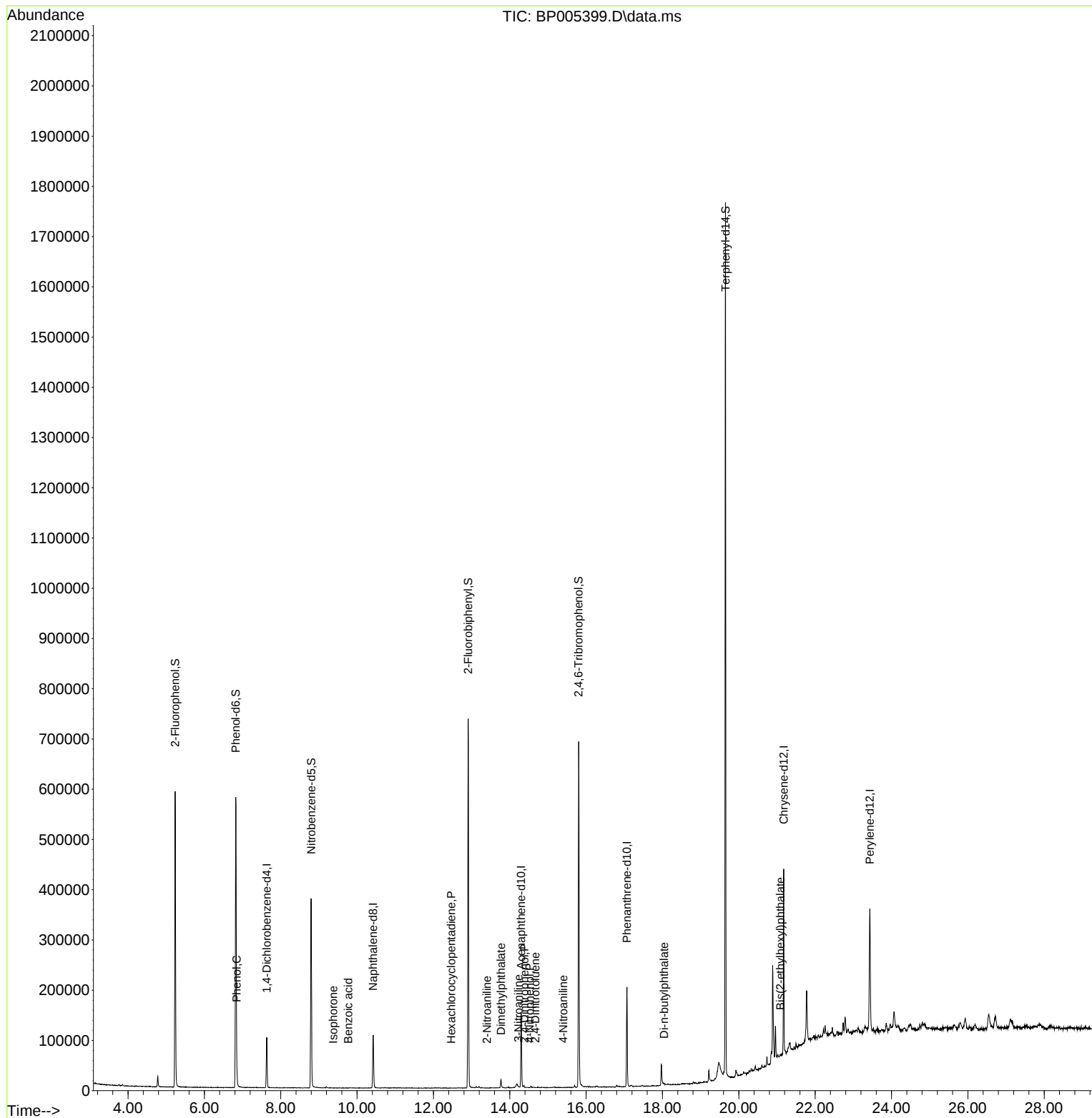
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	18199	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	61999	20.00	ng	#-0.01
39) Acenaphthene-d10	14.299	164	40304	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	100763	20.00	ng	0.00
76) Chrysene-d12	21.175	240	148762	20.00	ng	0.00
86) Perylene-d12	23.433	264	164782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	160302	153.01	ng	-0.01
7) Phenol-d6	6.822	99	224554	155.56	ng	-0.01
23) Nitrobenzene-d5	8.799	82	203662	142.87	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	92556	120.06	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	294942	94.73	ng	0.00
79) Terphenyl-d14	19.651	244	634328	79.02	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.846	94	5594	3.89	ng	# 2
25) Isophorone	9.375	82	161	3.01	ng	# 78
32) Benzoic acid	9.769	122	16	7.76	ng	# 43
41) Hexachlorocyclopentadiene	12.463	237	16	6.98	ng	87
48) 2-Nitroaniline	13.404	65	33	5.48	ng	# 45
50) Dimethylphthalate	13.769	163	8378	2.86	ng	# 90
53) 3-Nitroaniline	14.228	138	22	2.69	ng	# 2
54) 2,4-Dinitrophenol	14.387	184	15	7.55	ng	97
56) 4-Nitrophenol	14.522	139	24	5.34	ng	# 86
57) 2,4-Dinitrotoluene	14.675	165	30	3.14	ng	# 41
62) 4-Nitroaniline	15.398	138	8	3.83	ng	# 1
74) Di-n-butylphthalate	18.040	149	982	4.12	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.086	149	1527	3.41	ng	# 92

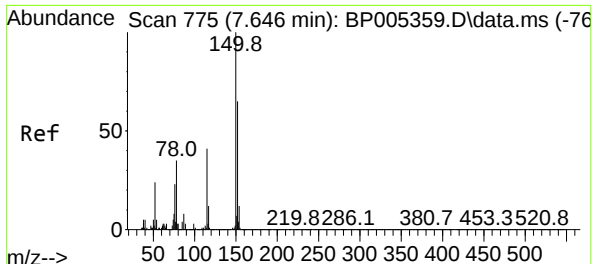
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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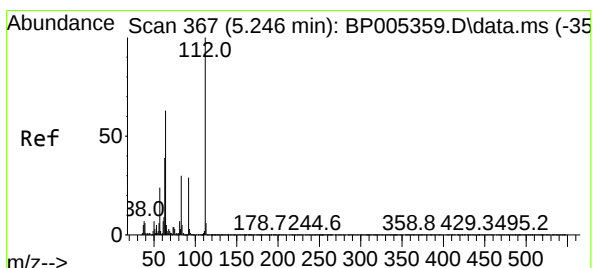
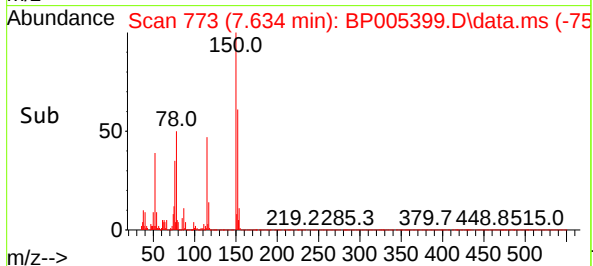
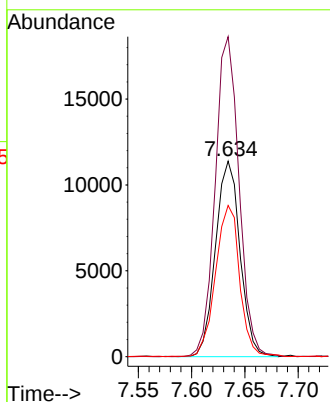
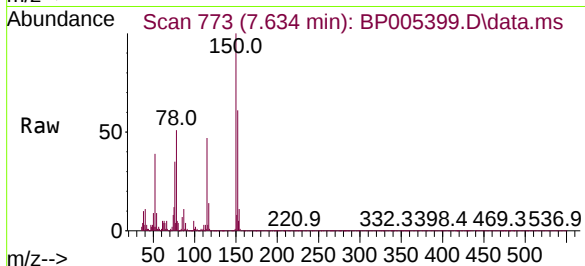




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

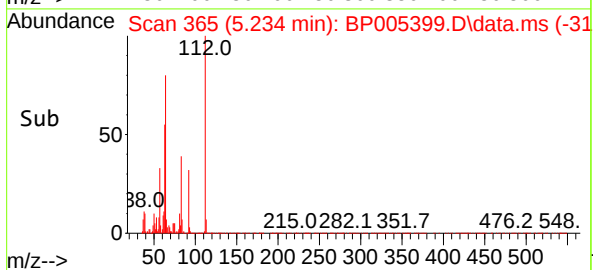
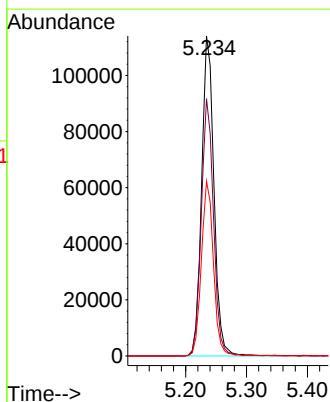
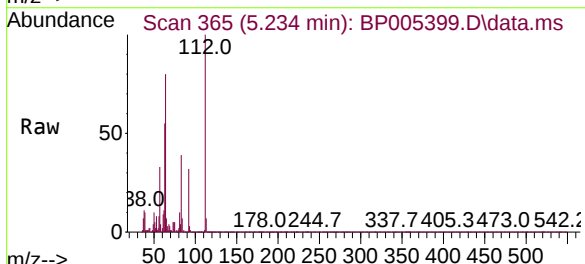
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

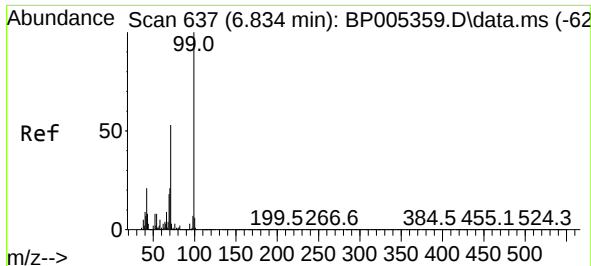
Tgt Ion:152 Resp: 18199
Ion Ratio Lower Upper
152 100
150 163.6 119.8 179.8
115 77.3 49.0 73.4#



#5
2-Fluorophenol
Concen: 153.01 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:112 Resp: 160302
Ion Ratio Lower Upper
112 100
64 80.4 33.6 50.4#
63 54.6 18.6 27.8#

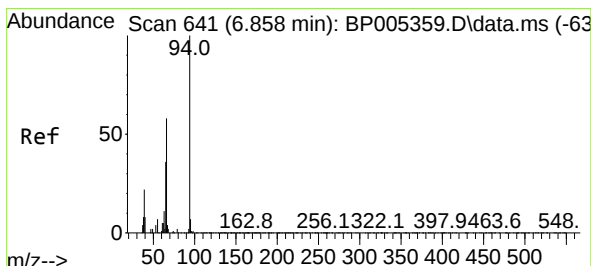
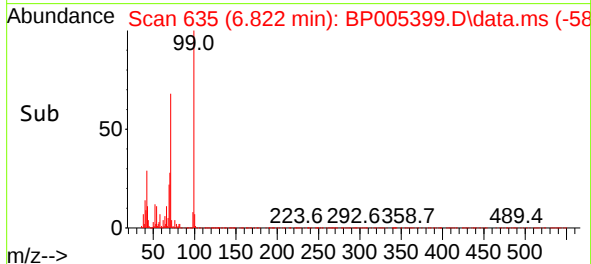
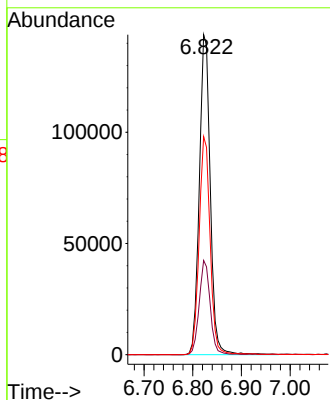
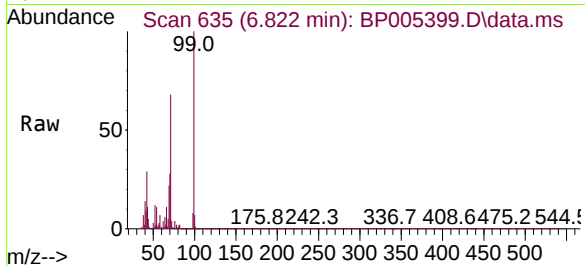




#7
Phenol-d6
Concen: 155.56 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

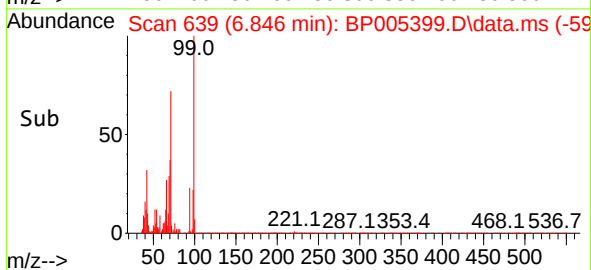
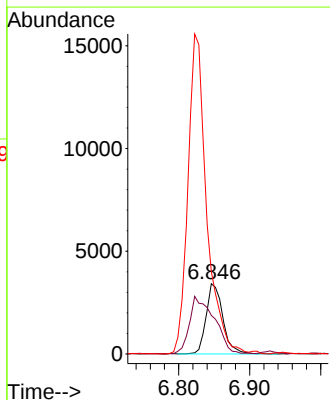
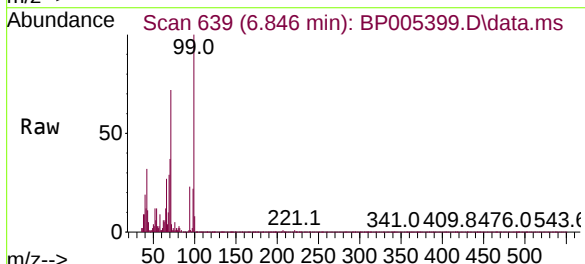
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

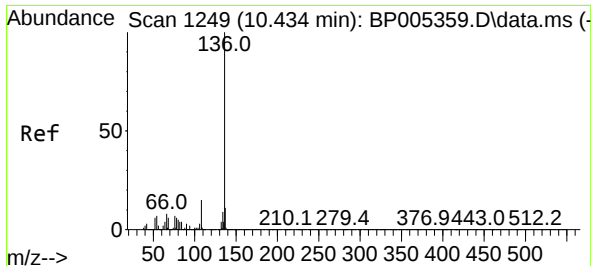
Tgt Ion: 99 Resp: 224554
Ion Ratio Lower Upper
99 100
42 29.5 12.9 19.3#
71 68.1 26.7 40.1#



#10
Phenol
Concen: 3.89 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.012 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion: 94 Resp: 5594
Ion Ratio Lower Upper
94 100
65 55.0 8.0 48.0#
66 117.4 17.3 57.3#

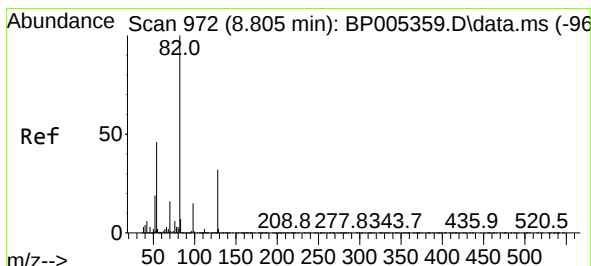
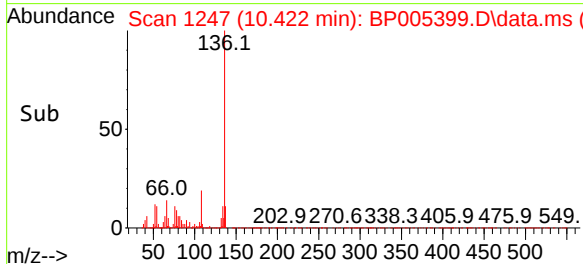
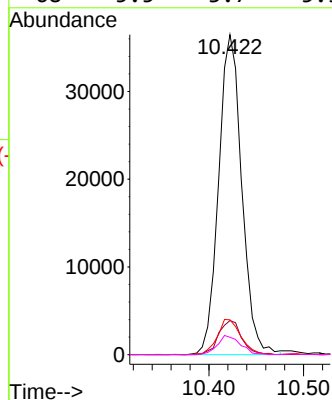
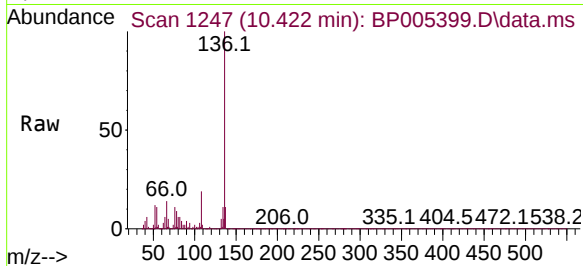




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

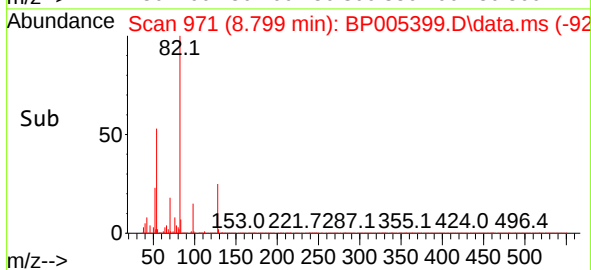
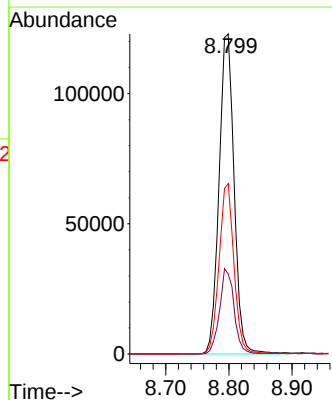
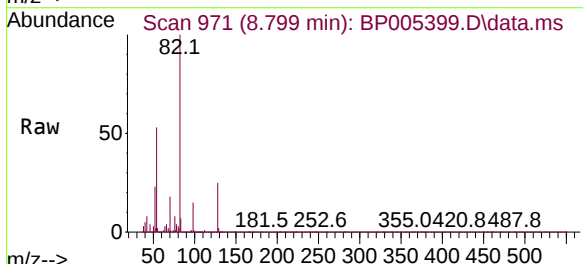
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

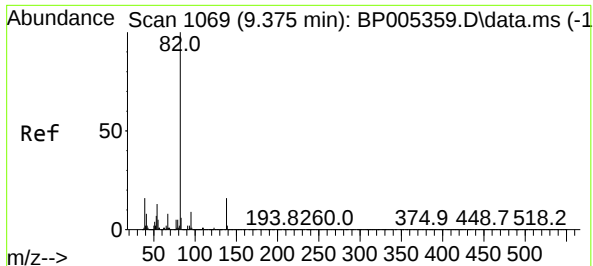
Tgt Ion:	136	Resp:	61999
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	10.9	5.0	7.4#
68	5.5	3.7	5.5



#23
Nitrobenzene-d5
Concen: 142.87 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:	82	Resp:	203662
Ion Ratio	Lower	Upper	
82	100		
128	25.0	30.5	45.7#
54	53.2	33.9	50.9#

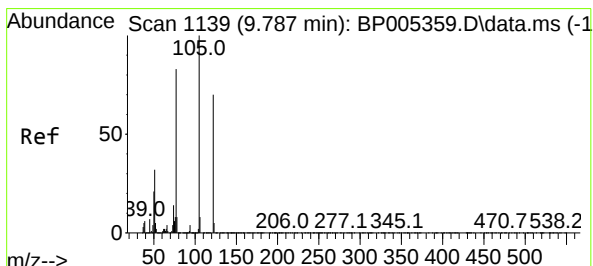
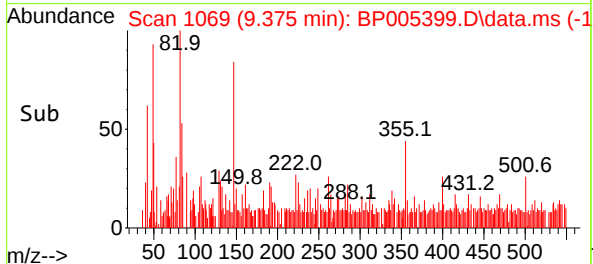
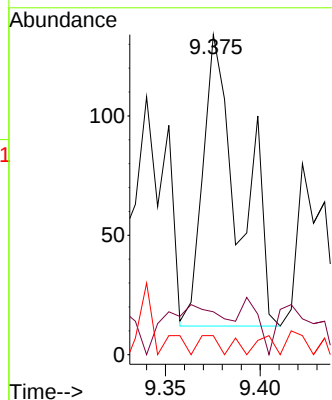
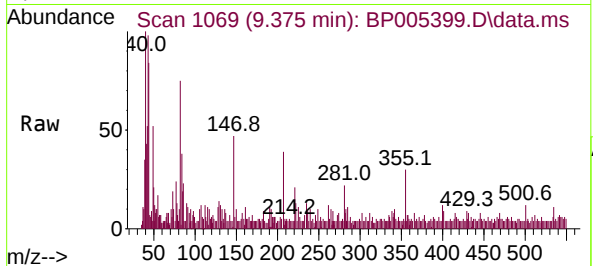




#25
Isophorone
Concen: 3.01 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

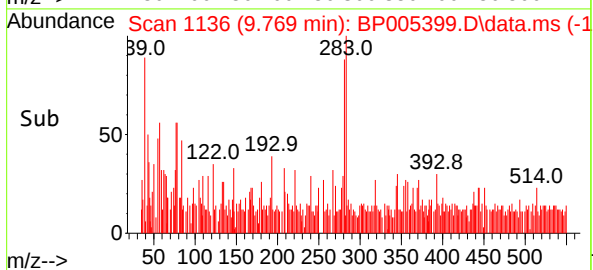
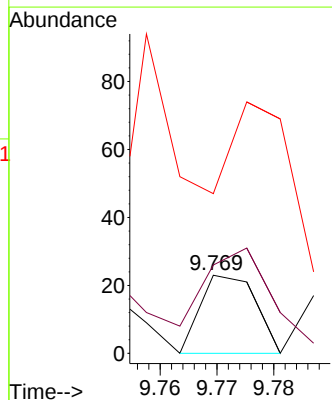
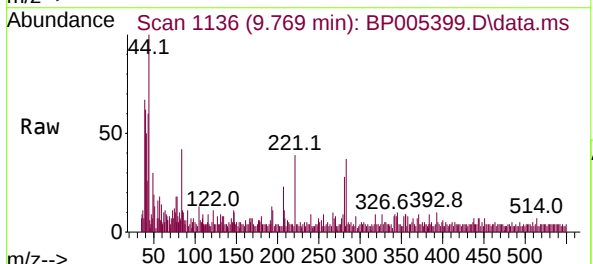
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

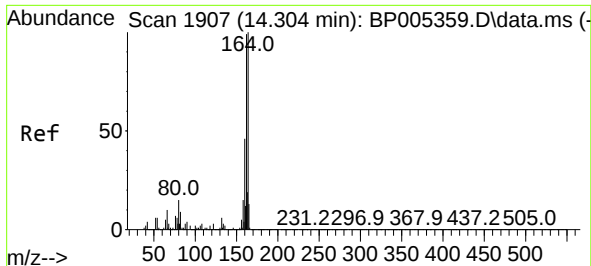
Tgt Ion:	82	Resp:	161
Ion	Ratio	Lower	Upper
82	100		
95	13.4	7.5	11.3#
138	6.0	14.6	22.0#



#32
Benzoic acid
Concen: 7.76 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.018 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:	122	Resp:	16
Ion	Ratio	Lower	Upper
122	100		
105	113.0	105.1	145.1
77	204.3	69.6	109.6#

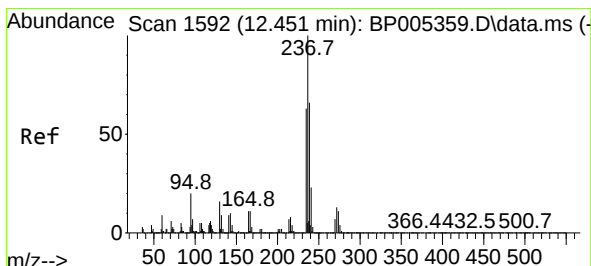
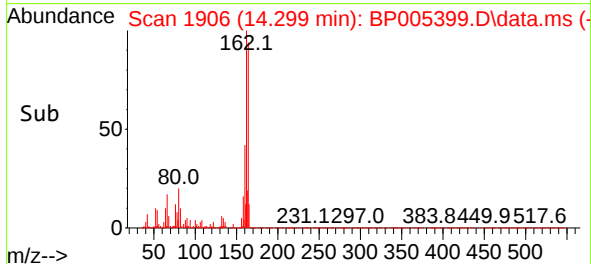
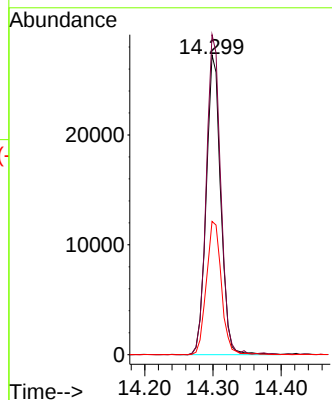
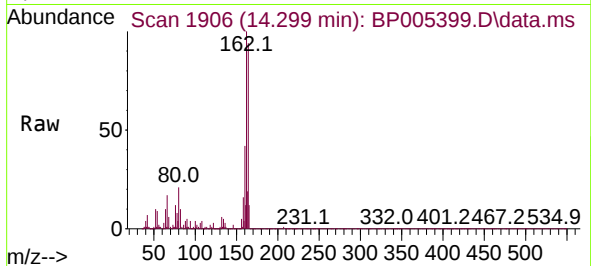




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.299 min Scan# 1906
Delta R.T. -0.005 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

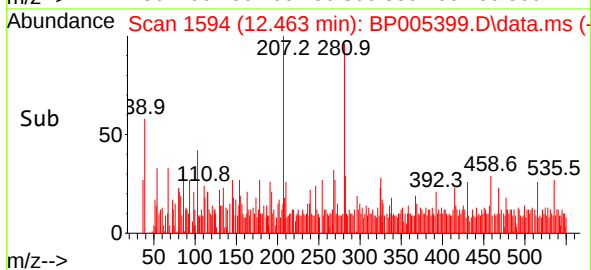
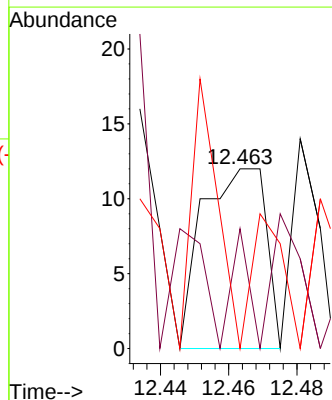
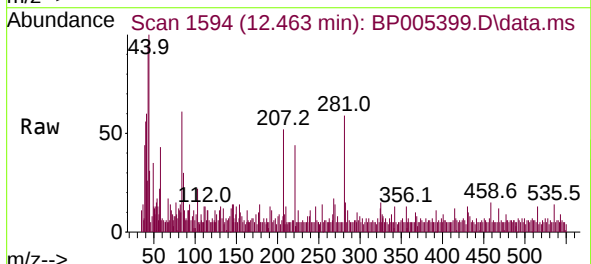
Instrument :
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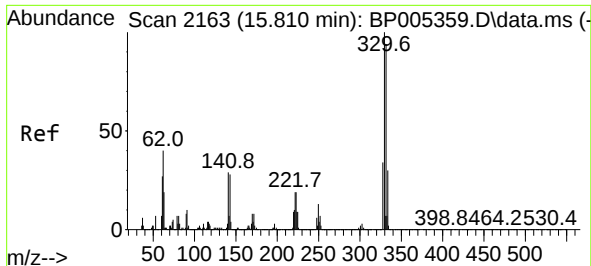
Tgt Ion:164 Resp: 40304
Ion Ratio Lower Upper
164 100
162 106.8 73.5 110.3
160 44.5 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.463 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 66.7 40.9 80.9
272 0.0 0.0 34.6

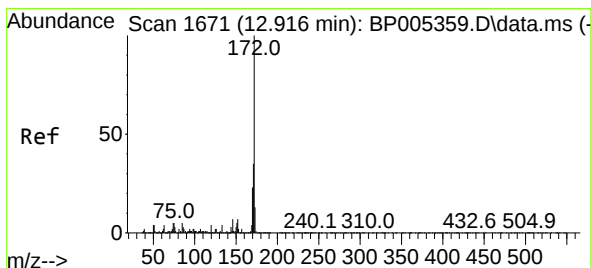
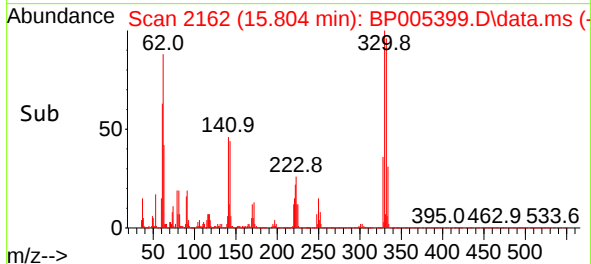
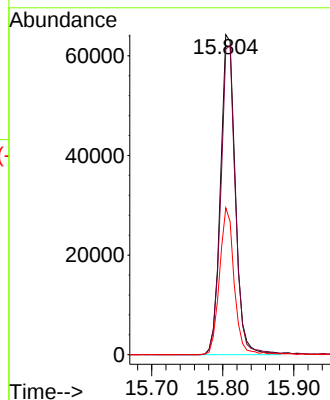
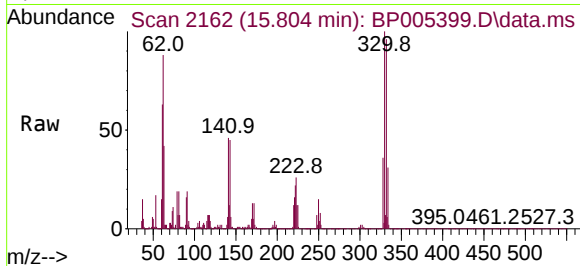




#42
2,4,6-Tribromophenol
Concen: 120.06 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

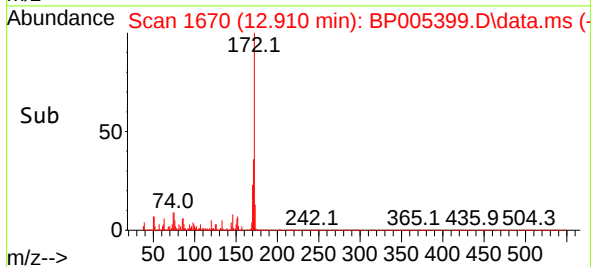
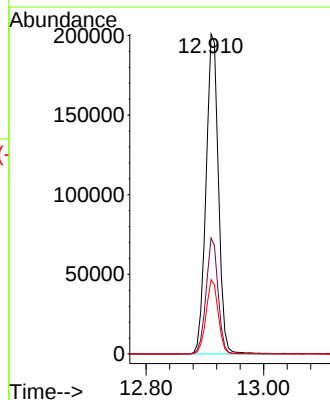
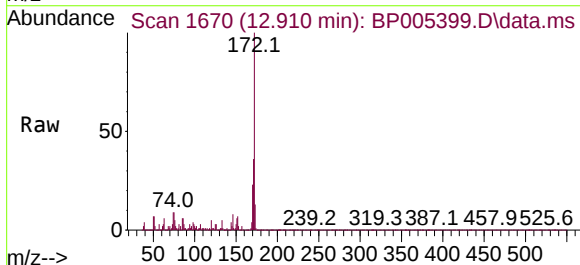
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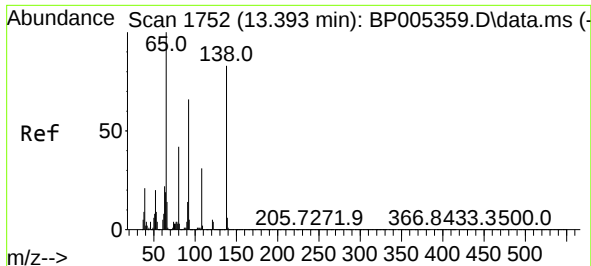
Tgt Ion:330 Resp: 92556
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 45.7 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 94.73 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:172 Resp: 294942
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 23.2 19.6 29.4

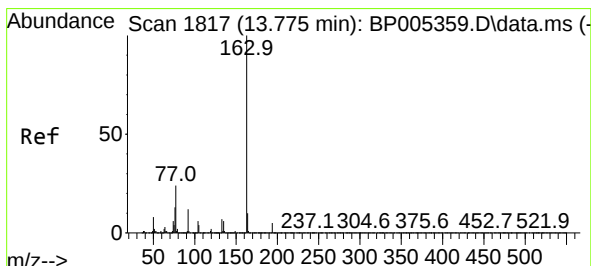
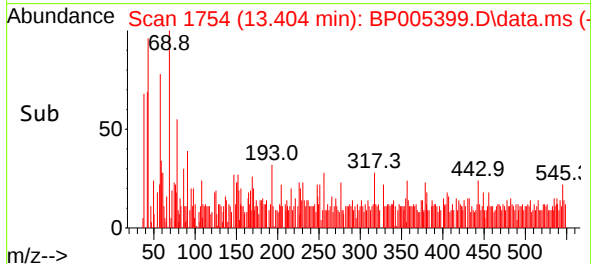
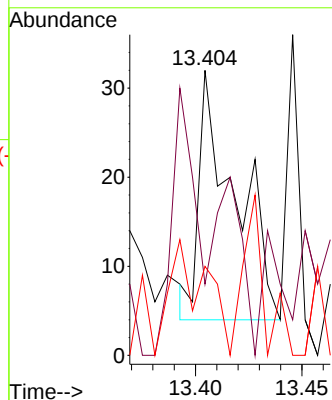
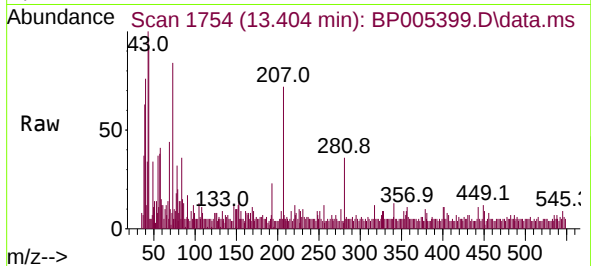




#48
2-Nitroaniline
Concen: 5.48 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.011 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

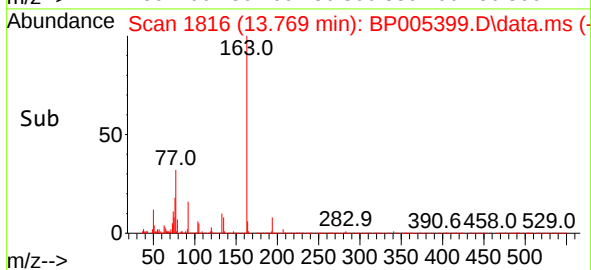
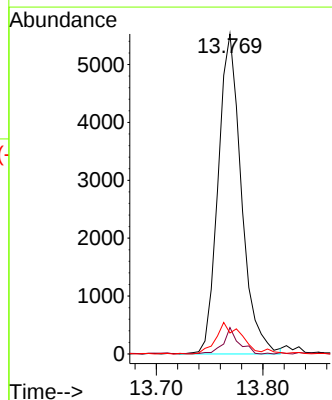
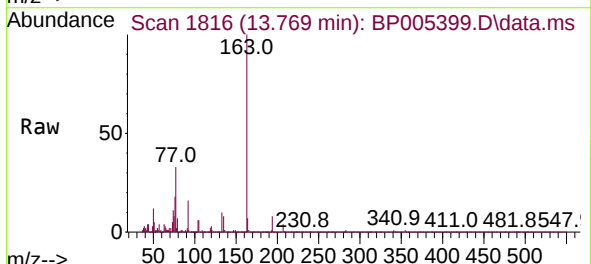
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

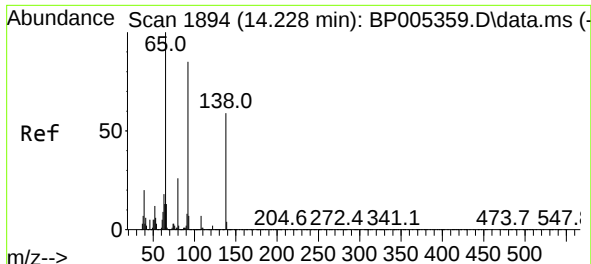
Tgt Ion: 65 Resp: 33
Ion Ratio Lower Upper
65 100
92 25.0 48.8 73.2#
138 31.3 69.5 104.3#



#50
Dimethylphthalate
Concen: 2.86 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion: 163 Resp: 8378
Ion Ratio Lower Upper
163 100
194 8.3 3.9 5.9#
164 6.5 8.1 12.1#

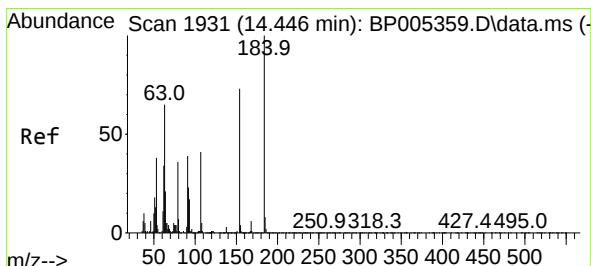
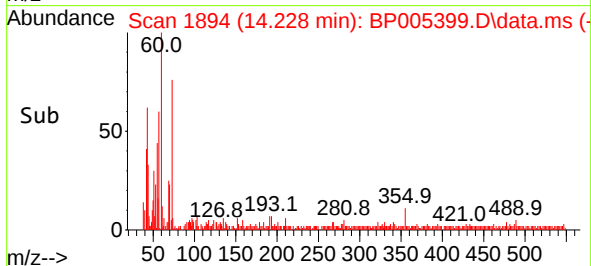
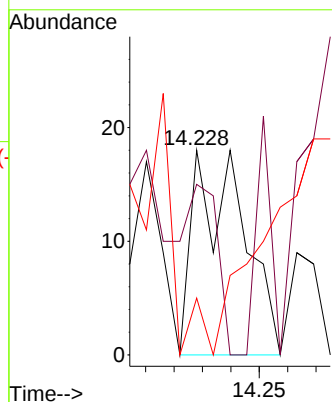
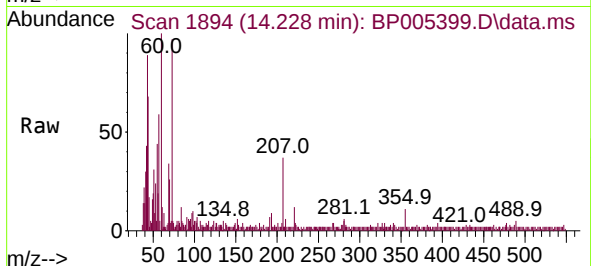




#53
3-Nitroaniline
Concen: 2.69 ng
RT: 14.228 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

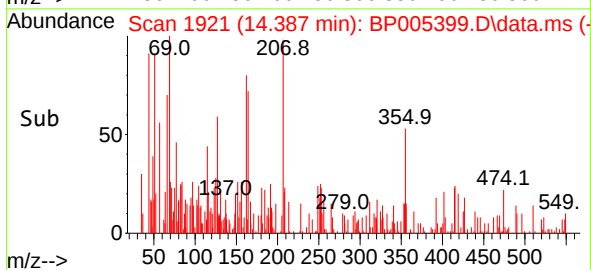
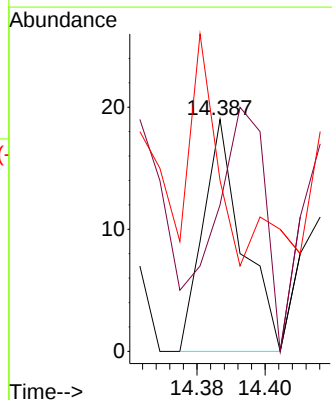
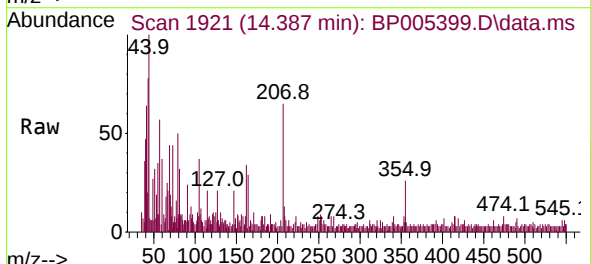
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

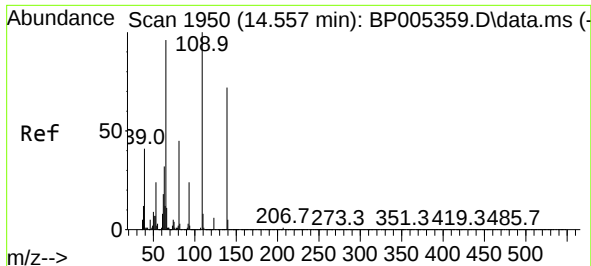
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
108 83.3 10.2 15.4#
92 27.8 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.059 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 63.2 51.2 76.8
154 73.7 55.8 83.8

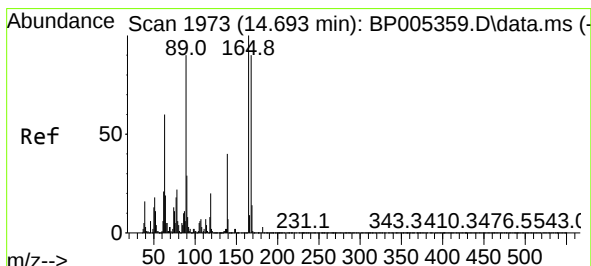
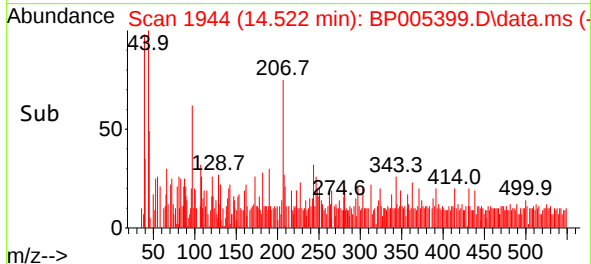
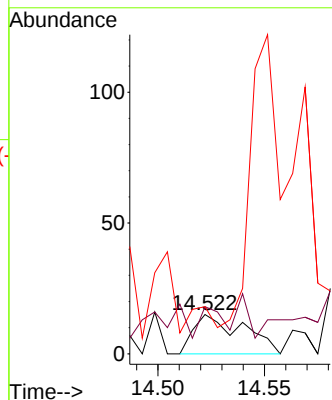
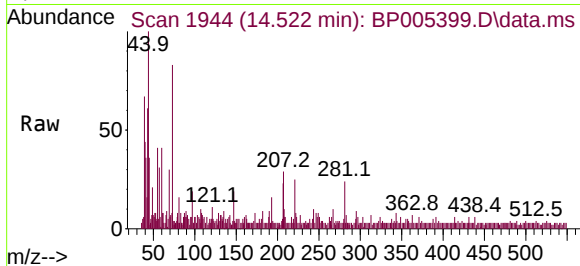




#56
4-Nitrophenol
Concen: 5.34 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.035 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

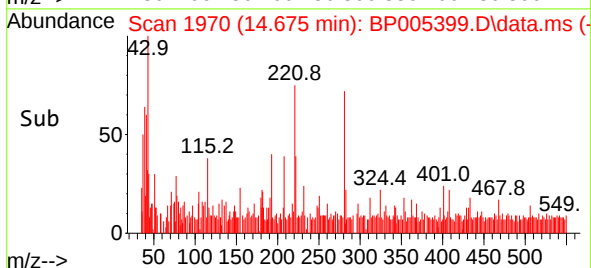
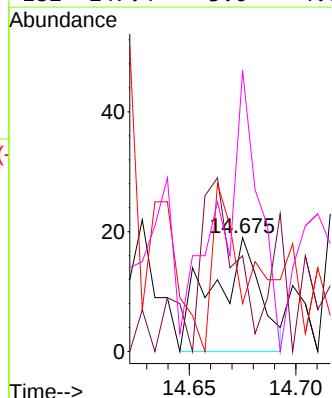
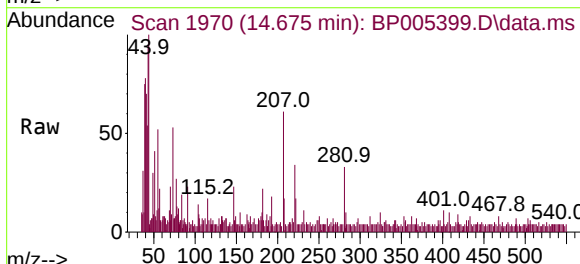
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

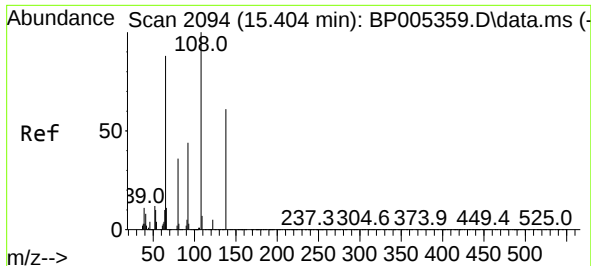
Tgt Ion:	139	Resp:	24
Ion	Ratio	Lower	Upper
139	100		
109	120.0	122.8	162.8#
65	120.0	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 3.14 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:	165	Resp:	30
Ion	Ratio	Lower	Upper
165	100		
63	84.2	56.7	85.1
89	42.1	85.8	128.6#
182	247.4	3.0	4.6#

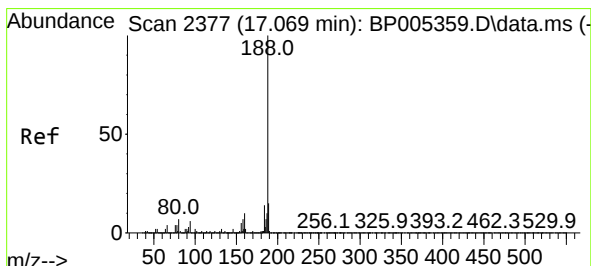
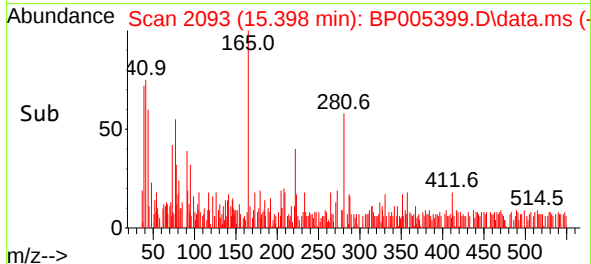
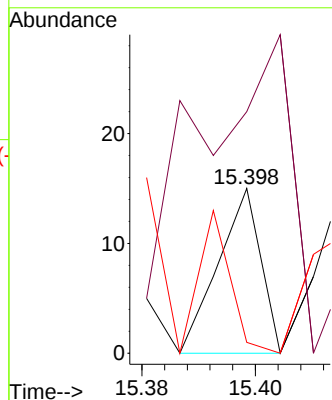
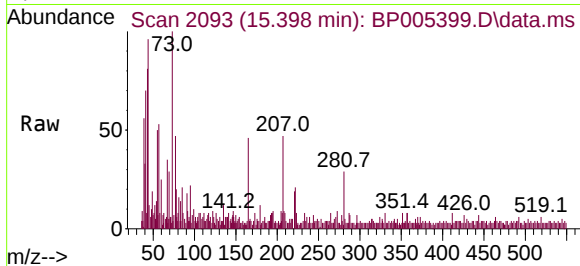




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

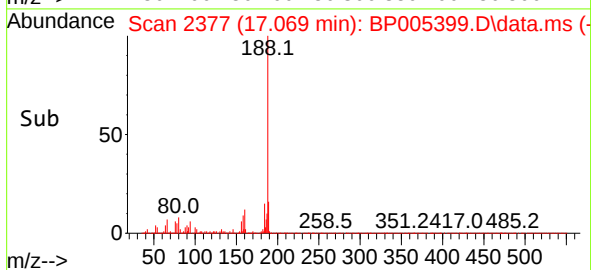
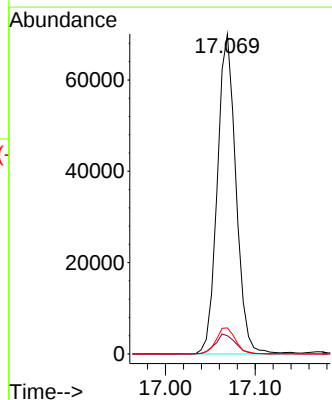
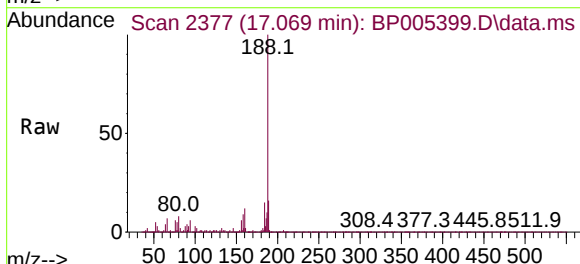
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

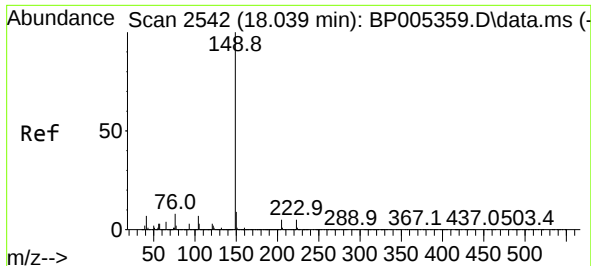
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 146.7 50.9 90.9#
108 6.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:188 Resp: 100763
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.6
80 8.1 5.9 8.9

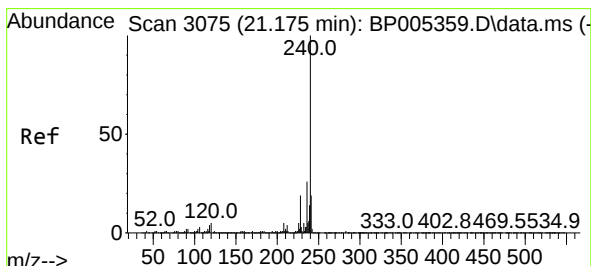
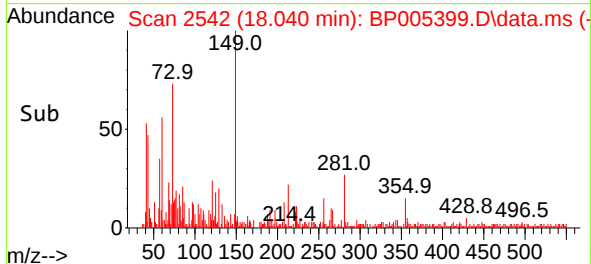
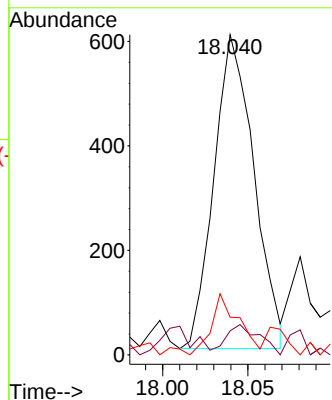
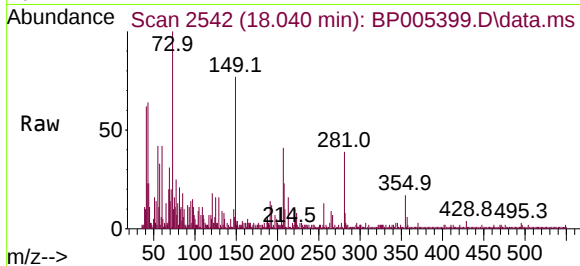




#74
Di-n-butylphthalate
Concen: 4.12 ng
RT: 18.040 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

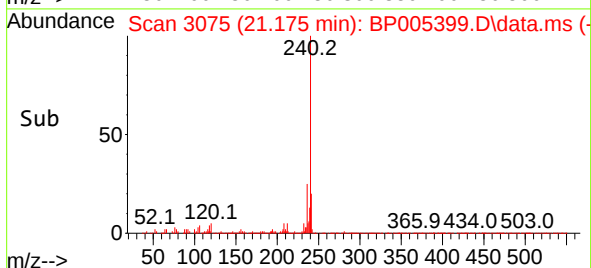
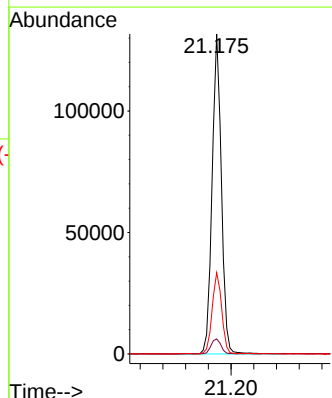
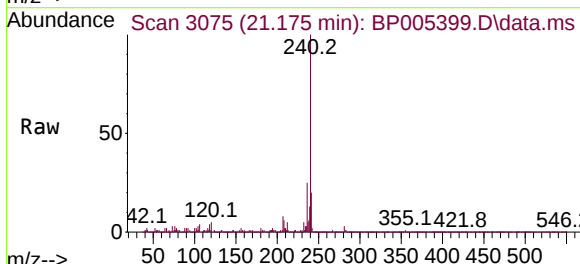
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0

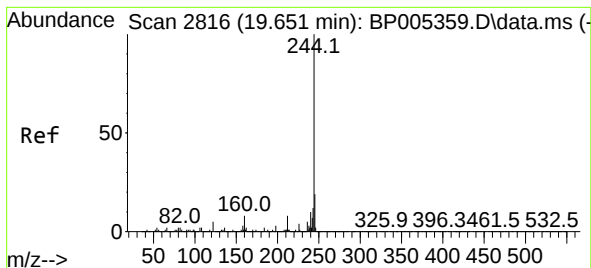
Tgt Ion:149 Resp: 982
Ion Ratio Lower Upper
149 100
150 7.5 7.6 11.4#
104 11.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005399.D
Acq: 23 Apr 2021 18:14

Tgt Ion:240 Resp: 148762
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 79.02 ng

RT: 19.651 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP005399.D

Acq: 23 Apr 2021 18:14

Instrument :

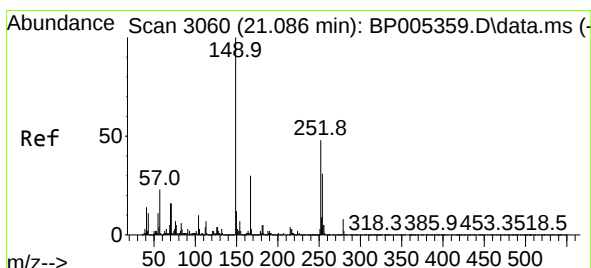
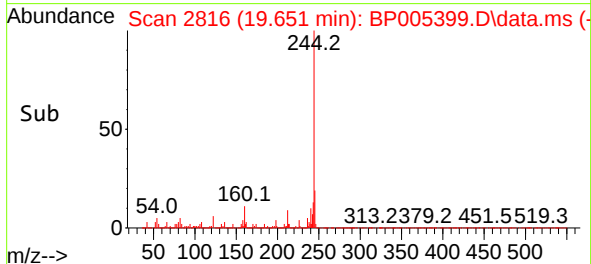
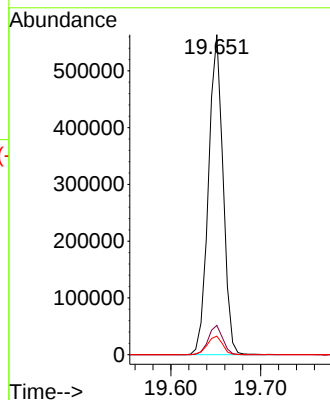
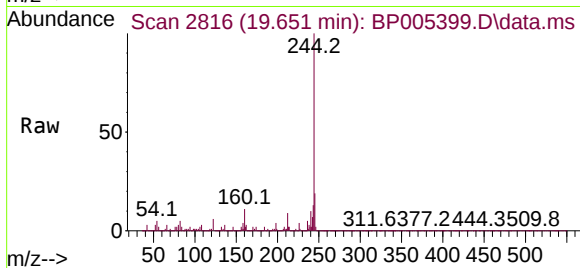
BNA_P

ClientSampleId :

SB-40-9.5-10.0

Tgt Ion:244 Resp: 634328

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: 3.41 ng

RT: 21.086 min Scan# 3060

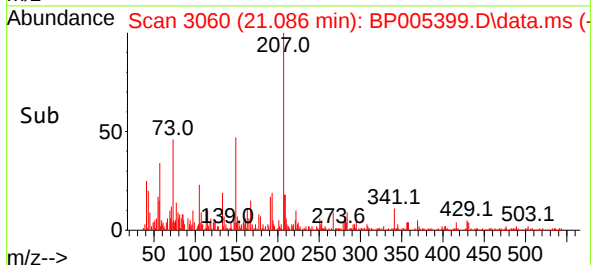
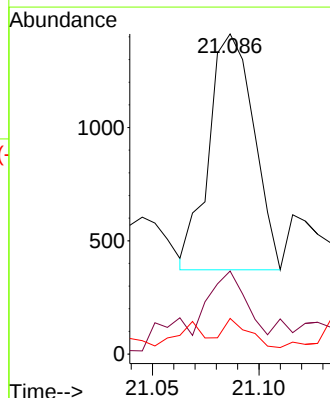
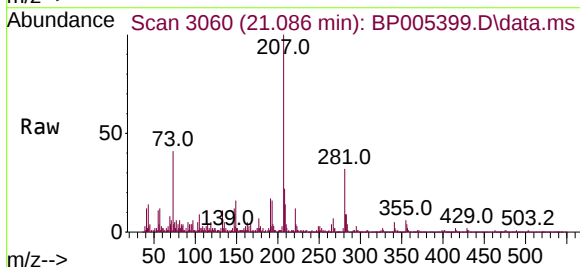
Delta R.T. 0.000 min

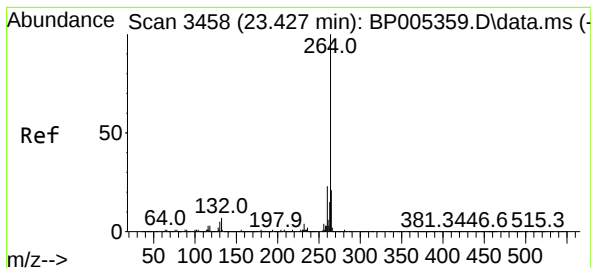
Lab File: BP005399.D

Acq: 23 Apr 2021 18:14

Tgt Ion:149 Resp: 1527

Ion	Ratio	Lower	Upper
149	100		
167	25.9	23.8	35.8
279	11.1	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: BP005399.D

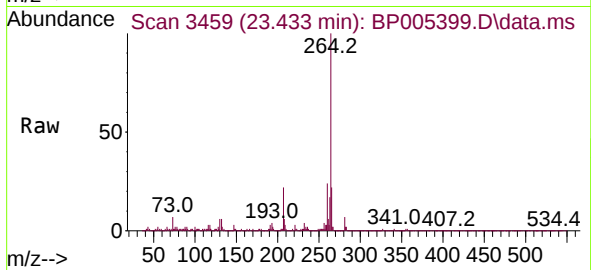
Acq: 23 Apr 2021 18:14

Instrument :

BNA_P

ClientSampleId :

SB-40-9.5-10.0



Tgt Ion:264 Resp: 164782

Ion Ratio Lower Upper

264 100

260 23.8 20.6 30.8

265 21.7 19.0 28.6

