

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005398.D
 Acq On : 23 Apr 2021 17:40
 Operator : CG/JU
 Sample : M2149-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-37-9.5-10.0

Quant Time: Apr 23 18:22:45 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)

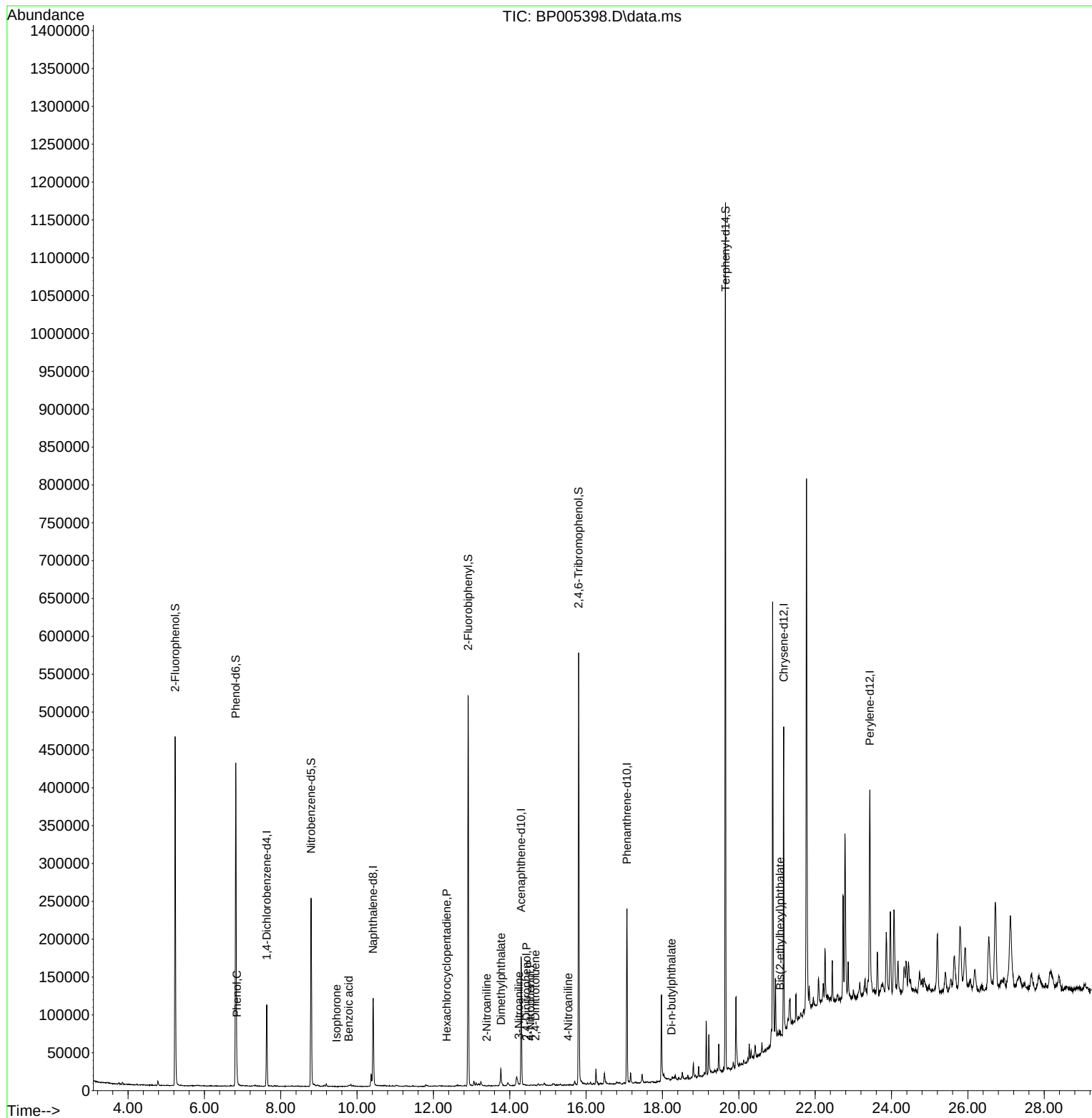
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	19695	20.00	ng	-0.01
21) Naphthalene-d8	10.422	136	68178	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	45977	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	114746	20.00	ng	0.00
76) Chrysene-d12	21.175	240	165688	20.00	ng	0.00
86) Perylene-d12	23.433	264	179024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	127770	112.69	ng	-0.01
7) Phenol-d6	6.822	99	162403	103.96	ng	-0.01
23) Nitrobenzene-d5	8.793	82	140633	89.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	73859	83.98	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	207361	58.38	ng	0.00
79) Terphenyl-d14	19.651	244	429186	48.00	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	3286	2.11	ng	# 22
25) Isophorone	9.463	82	108	2.99	ng	96
32) Benzoic acid	9.781	122	66	7.82	ng	# 69
41) Hexachlorocyclopentadiene	12.352	237	13	6.98	ng	89
48) 2-Nitroaniline	13.393	65	18	5.46	ng	# 29
50) Dimethylphthalate	13.769	163	10495	3.14	ng	# 98
53) 3-Nitroaniline	14.240	138	12	2.67	ng	# 65
54) 2,4-Dinitrophenol	14.440	184	14	7.54	ng	# 1
56) 4-Nitrophenol	14.540	139	34	5.36	ng	# 1
57) 2,4-Dinitrotoluene	14.675	165	35	3.14	ng	# 34
62) 4-Nitroaniline	15.534	138	11	3.83	ng	91
74) Di-n-butylphthalate	18.234	149	92	3.96	ng	98
84) Bis(2-ethylhexyl)phtha...	21.080	149	3263	3.80	ng	# 89

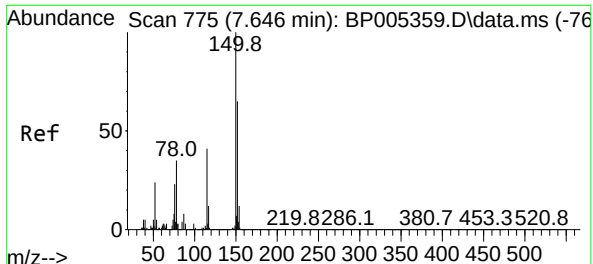
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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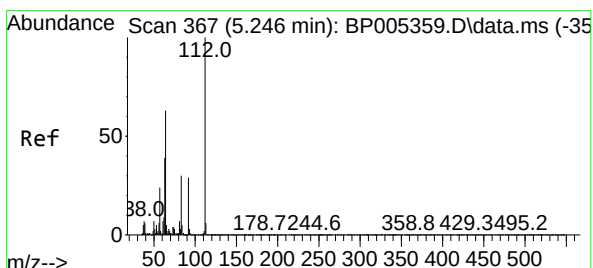
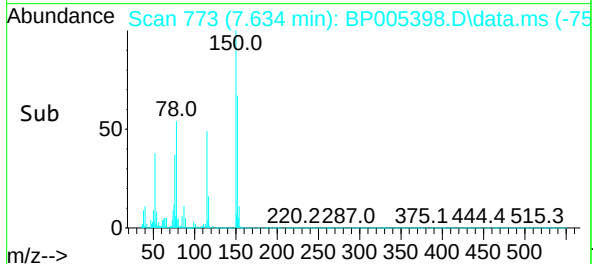
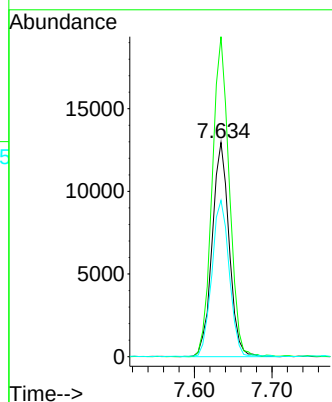
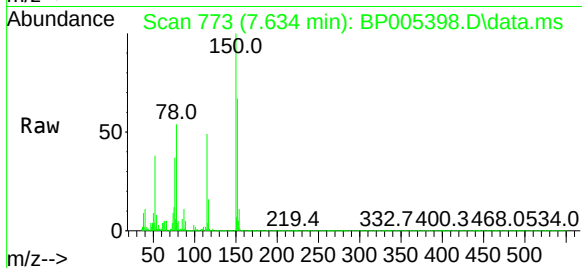




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

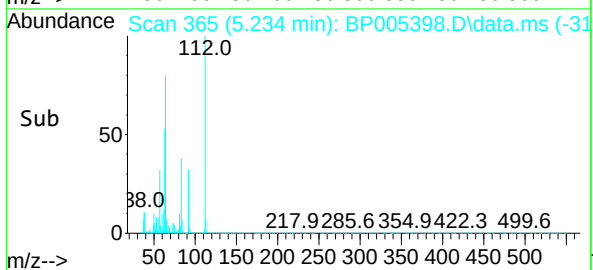
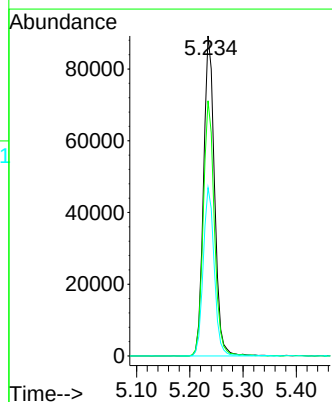
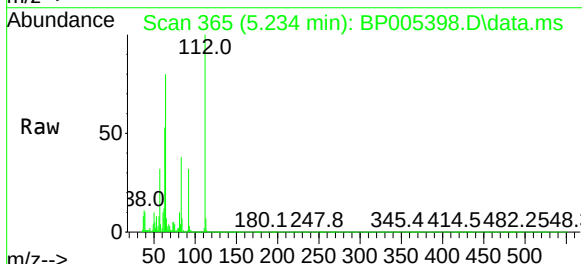
Instrument :
BNA_P
ClientSampleId :
SB-37-9.5-10.0

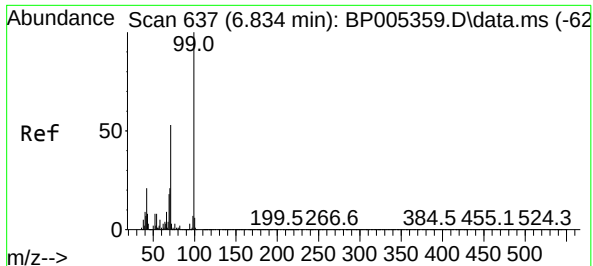
Tgt Ion:152 Resp: 19695
Ion Ratio Lower Upper
152 100
150 149.4 119.8 179.8
115 73.0 49.0 73.4



#5
2-Fluorophenol
Concen: 112.69 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:112 Resp: 127770
Ion Ratio Lower Upper
112 100
64 79.7 33.6 50.4#
63 52.6 18.6 27.8#

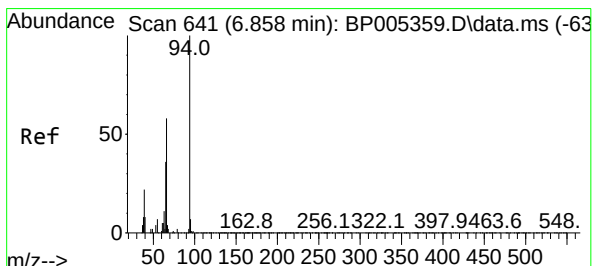
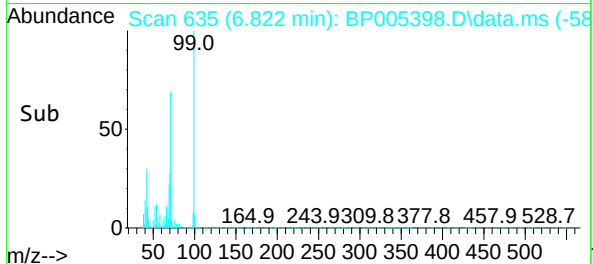
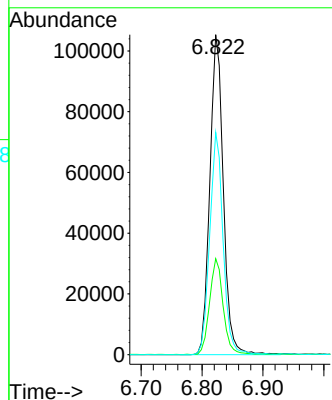
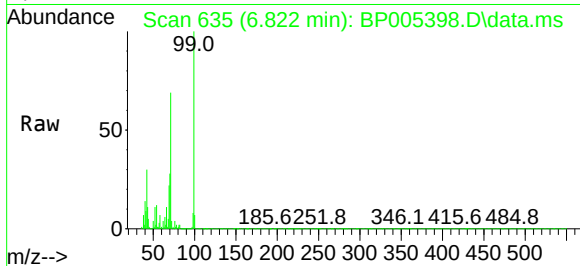




#7
Phenol-d6
Concen: 103.96 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

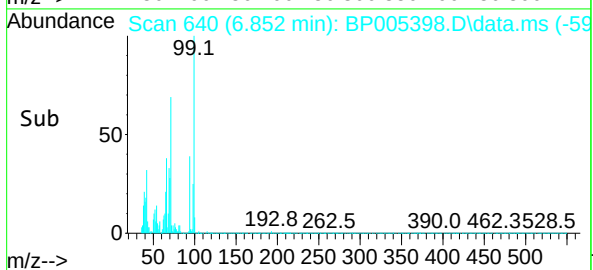
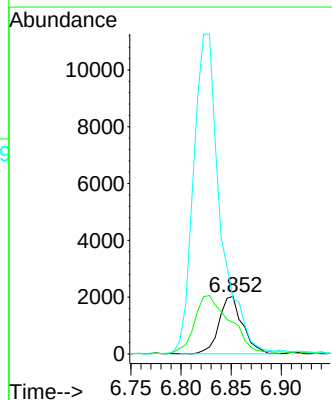
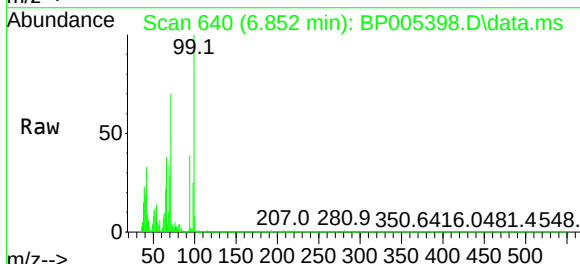
Instrument :
BNA_P
ClientSampleId :
SB-37-9.5-10.0

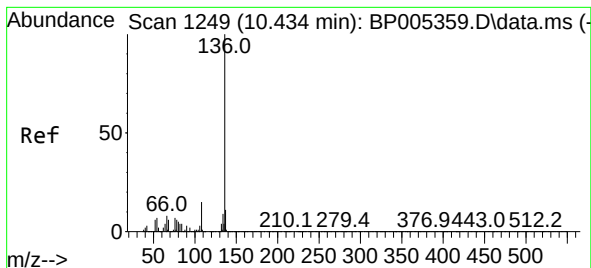
Tgt Ion: 99 Resp: 162403
Ion Ratio Lower Upper
99 100
42 30.0 12.9 19.3#
71 69.4 26.7 40.1#



#10
Phenol
Concen: 2.11 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion: 94 Resp: 3286
Ion Ratio Lower Upper
94 100
65 55.0 8.0 48.0#
66 95.6 17.3 57.3#

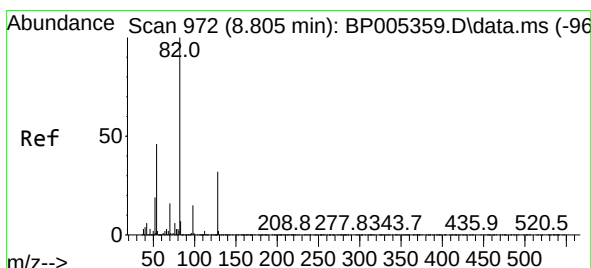
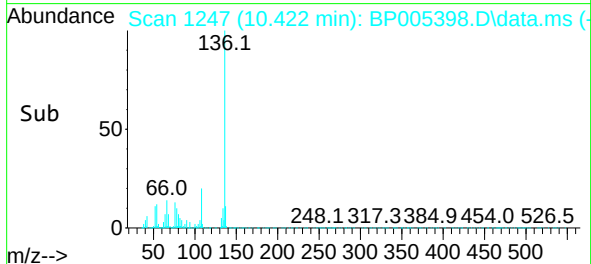
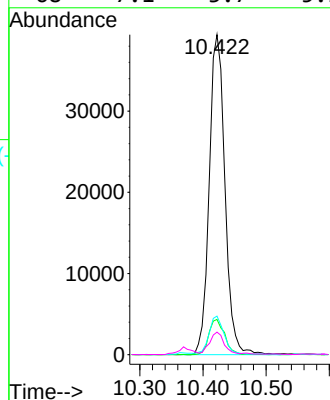
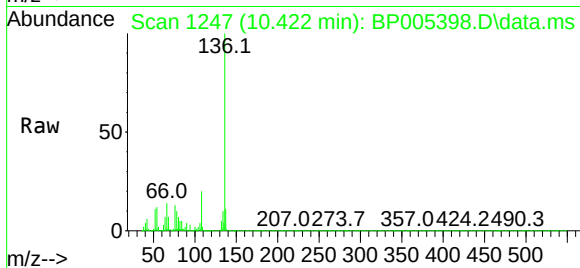




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

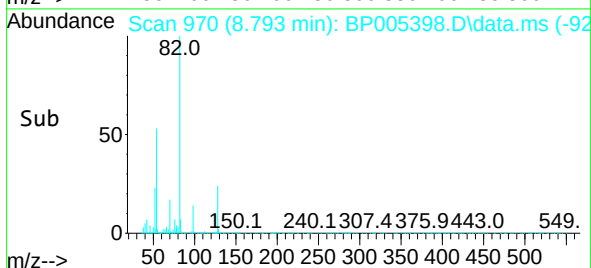
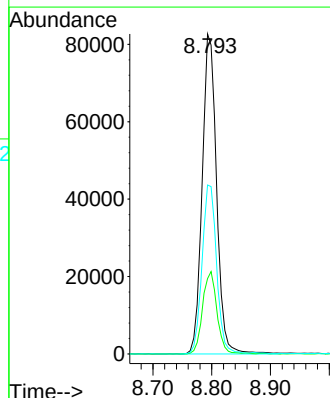
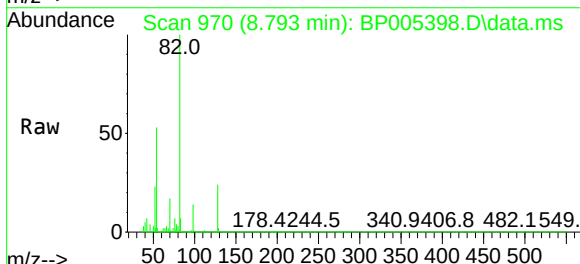
Instrument :
BNA_P
ClientSampleId :
SB-37-9.5-10.0

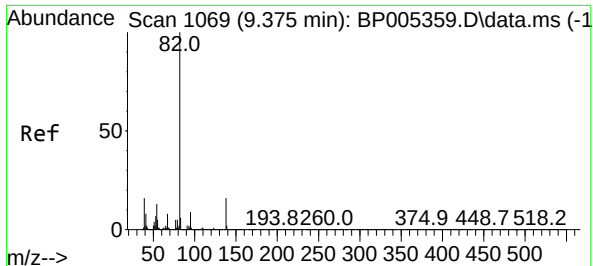
Tgt Ion:	136	Resp:	68178
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	12.1	5.0	7.4#
68	7.1	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 89.72 ng
RT: 8.793 min Scan# 970
Delta R.T. -0.012 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:	82	Resp:	140633
Ion Ratio	Lower	Upper	
82	100		
128	23.5	30.5	45.7#
54	52.8	33.9	50.9#

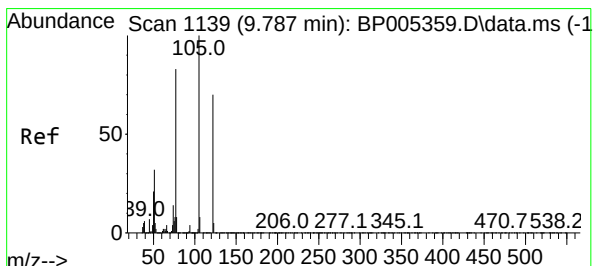
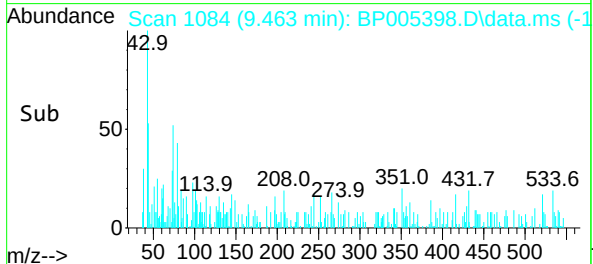
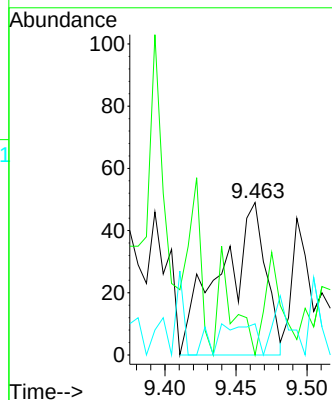
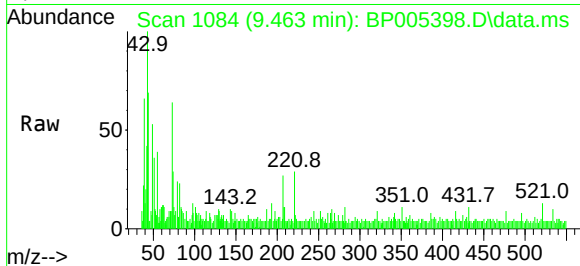




#25
Isophorone
Concen: 2.99 ng
RT: 9.463 min Scan# 1084
Delta R.T. 0.088 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

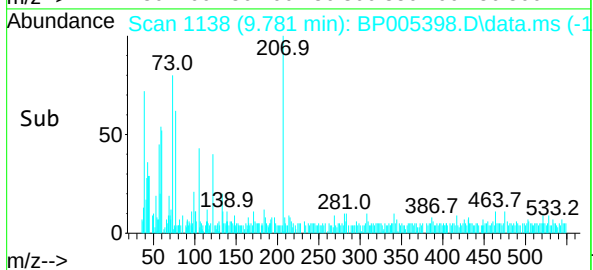
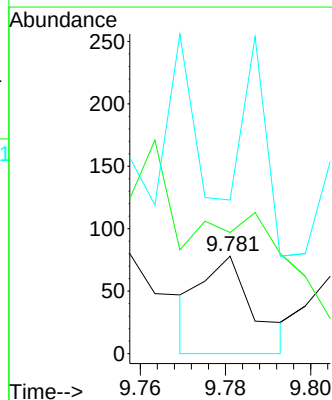
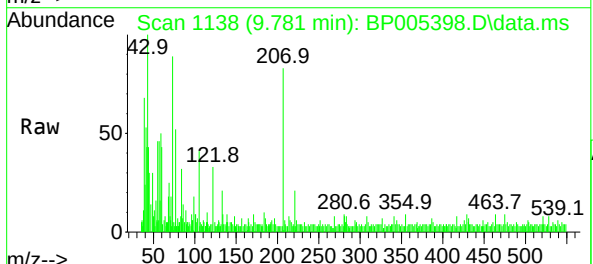
Instrument :
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SB-37-9.5-10.0

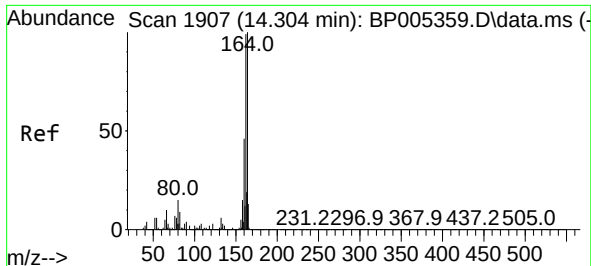
Tgt Ion: 82	Resp: 108
Ion Ratio	Lower Upper
82 100	
95 8.2	7.5 11.3
138 20.4	14.6 22.0



#32
Benzoic acid
Concen: 7.82 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP005398.D
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Tgt Ion:122	Resp:	66	
Ion	Ratio	Lower	Upper
122	100		
105	124.4	105.1	145.1
77	157.7	69.6	109.6#

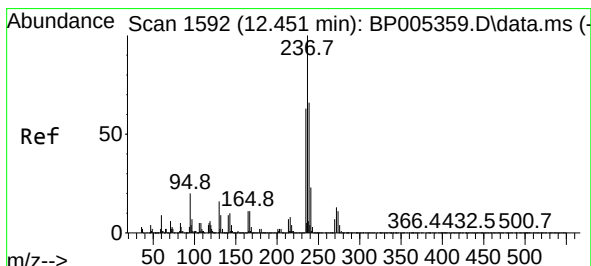
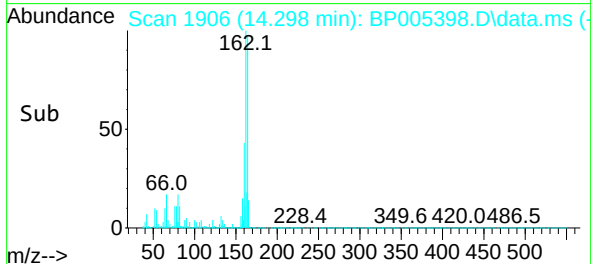
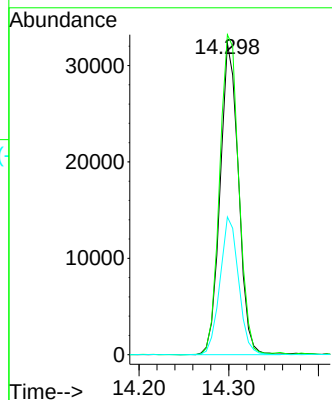
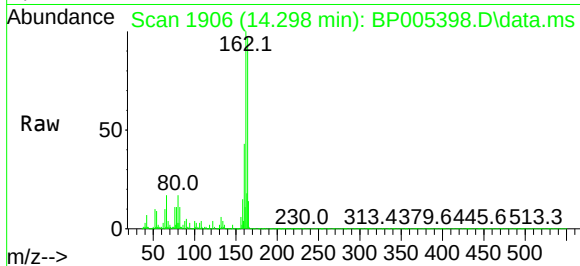




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

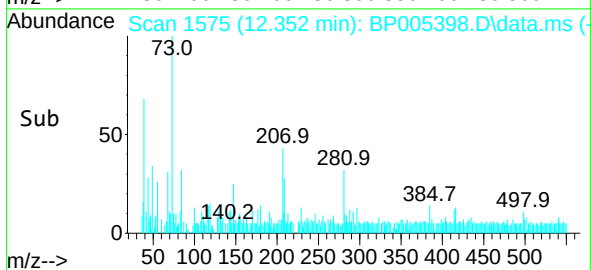
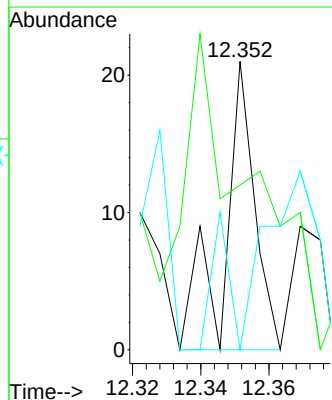
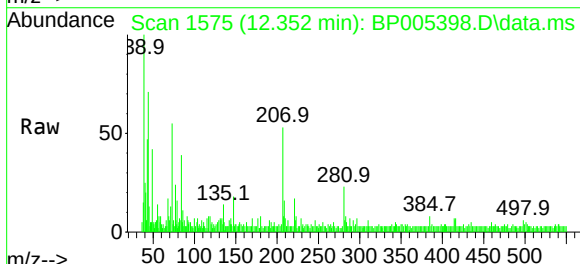
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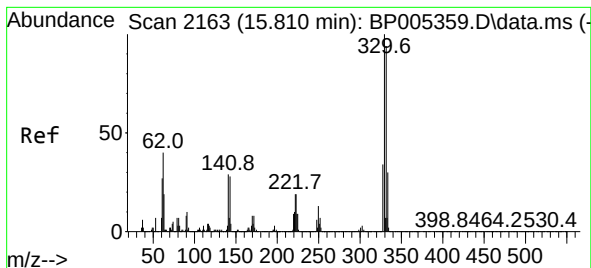
Tgt Ion:164	Resp:	45977
Ion Ratio	Lower	Upper
164	100	
162	102.8	73.5 110.3
160	44.3	40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.352 min Scan# 1575
Delta R.T. -0.099 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:237	Resp:	13
Ion Ratio	Lower	Upper
237	100	
235	57.1	40.9 80.9
272	0.0	0.0 34.6

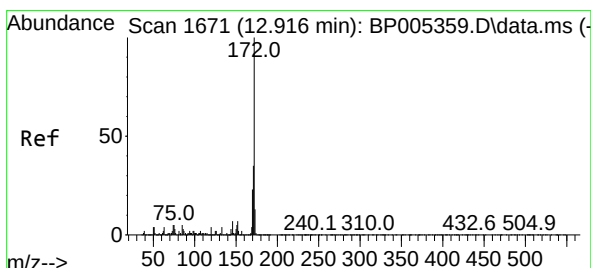
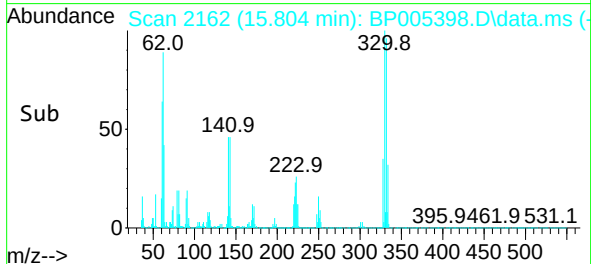
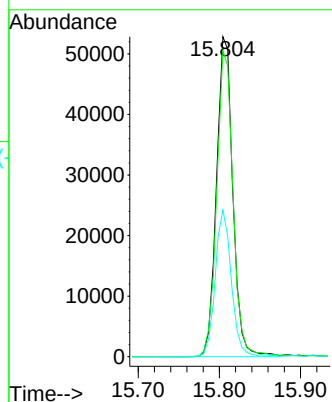
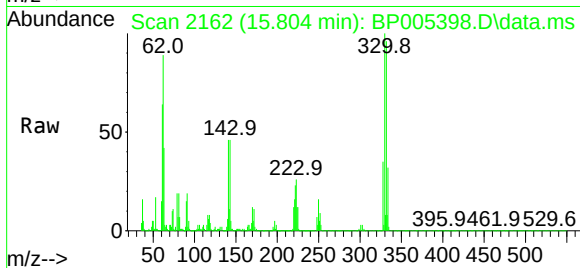




#42
2,4,6-Tribromophenol
Concen: 83.98 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

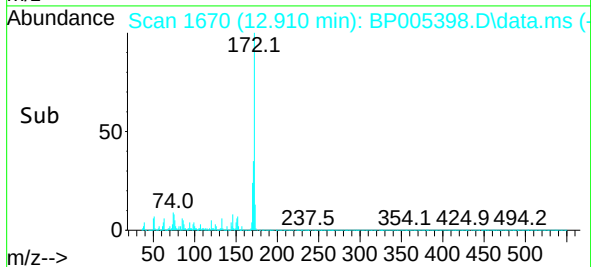
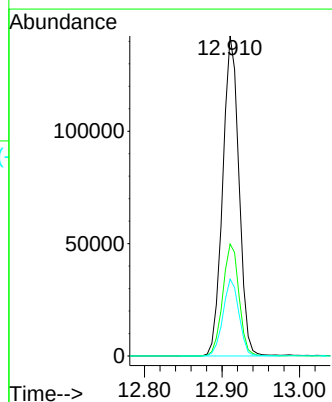
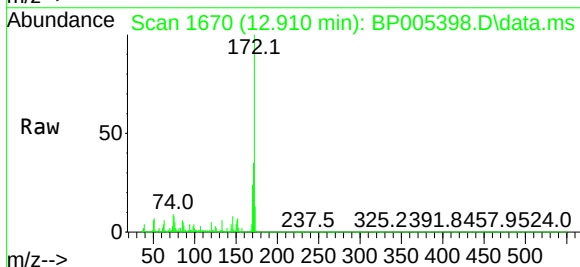
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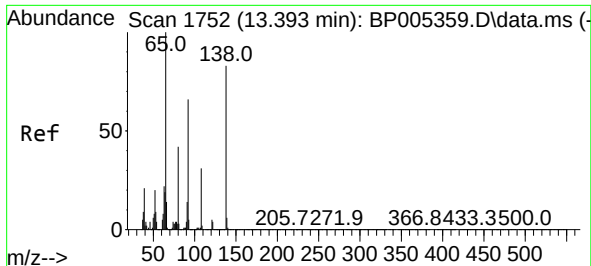
Tgt Ion:330 Resp: 73859
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 45.5 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 58.38 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:172 Resp: 207361
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.1 19.6 29.4

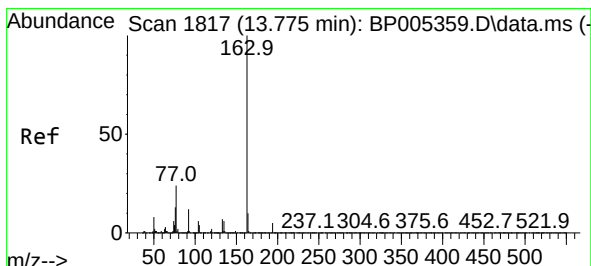
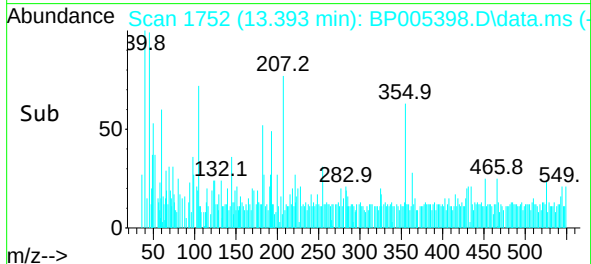
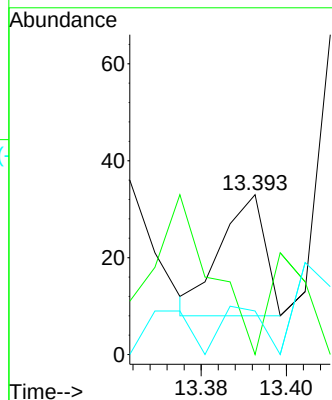
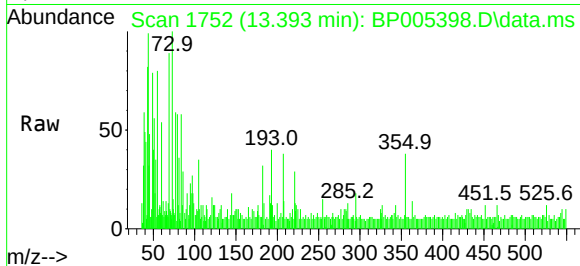




#48
2-Nitroaniline
Concen: 5.46 ng
RT: 13.393 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

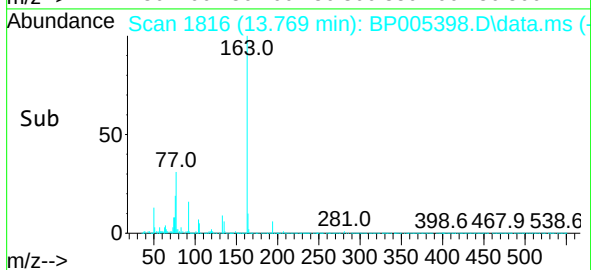
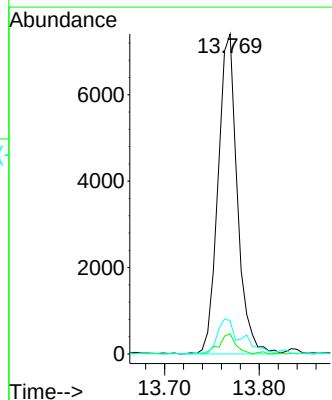
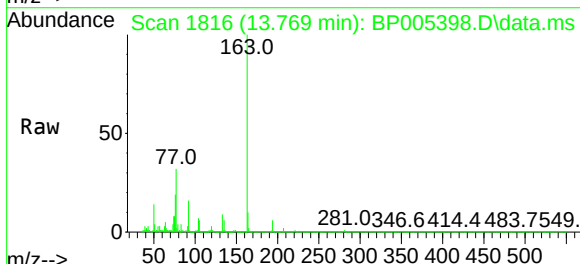
Instrument :
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ClientSampleId :
SB-37-9.5-10.0

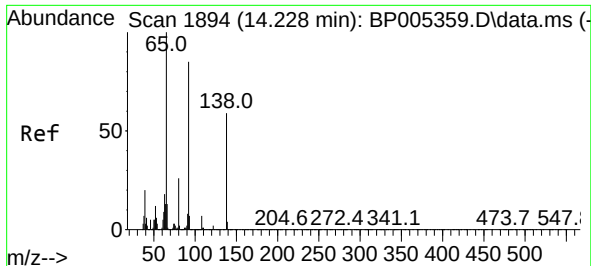
Tgt Ion: 65 Resp: 18
Ion Ratio Lower Upper
65 100
92 0.0 48.8 73.2#
138 27.3 69.5 104.3#



#50
Dimethylphthalate
Concen: 3.14 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion: 163 Resp: 10495
Ion Ratio Lower Upper
163 100
194 6.3 3.9 5.9#
164 10.4 8.1 12.1

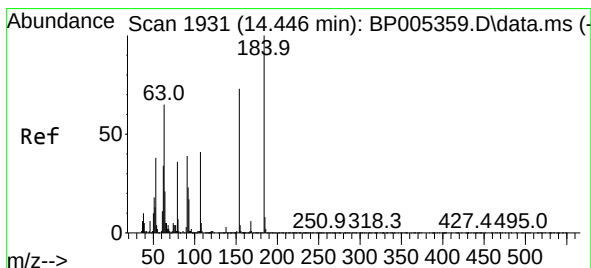
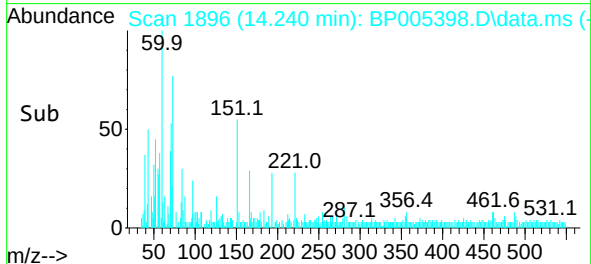
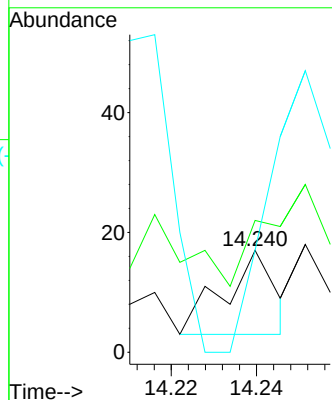
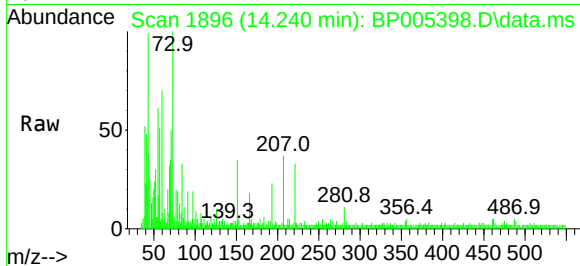




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.240 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

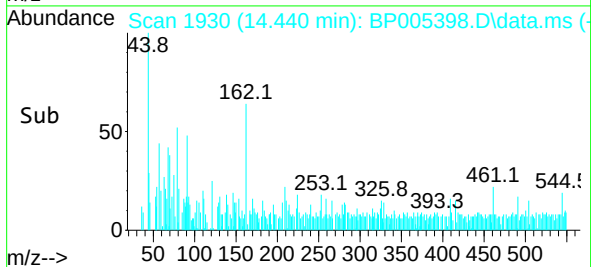
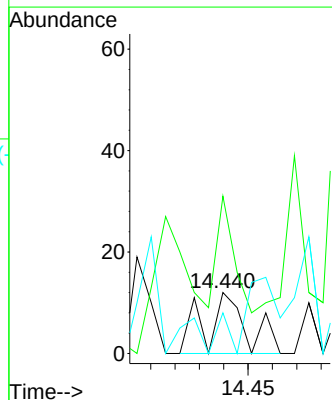
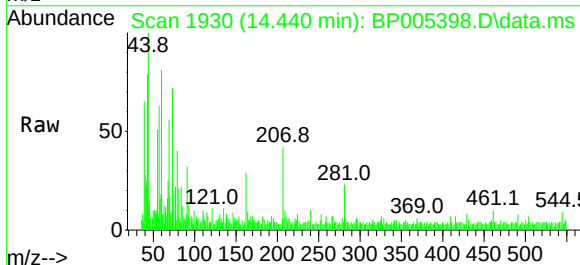
Instrument :
BNA_P
ClientSampleId :
SB-37-9.5-10.0

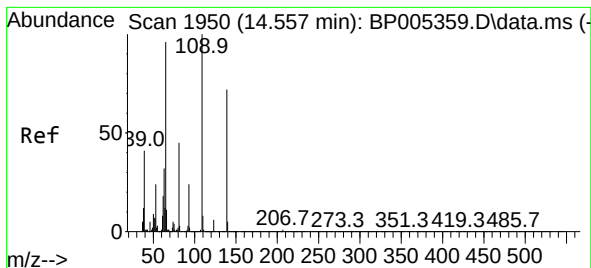
Tgt Ion:138 Resp: 12
Ion Ratio Lower Upper
138 100
108 129.4 10.2 15.4#
92 147.1 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 7.54 ng
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 258.3 51.2 76.8#
154 66.7 55.8 83.8

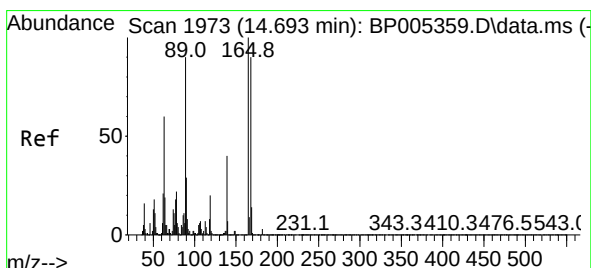
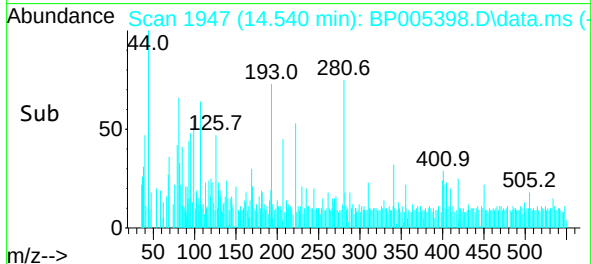
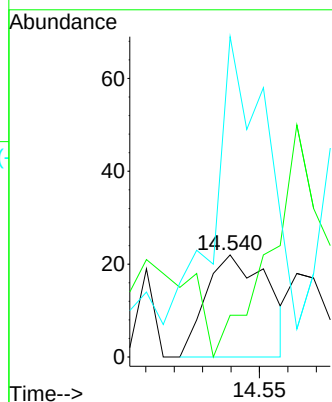
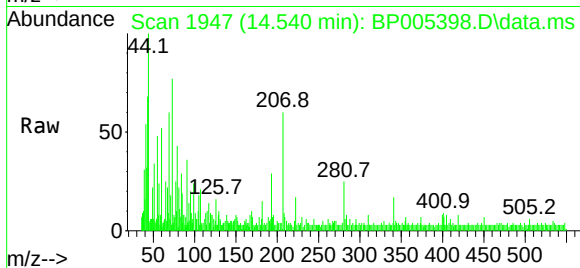




#56
4-Nitrophenol
Concen: 5.36 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

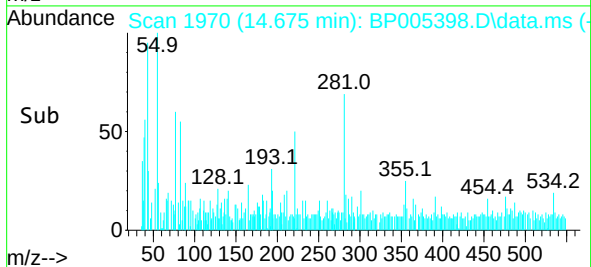
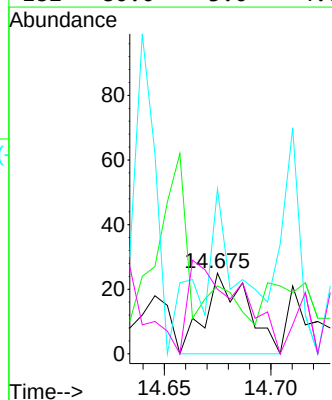
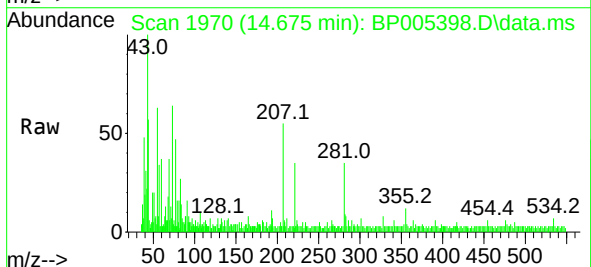
Instrument :
BNA_P
ClientSampled :
SB-37-9.5-10.0

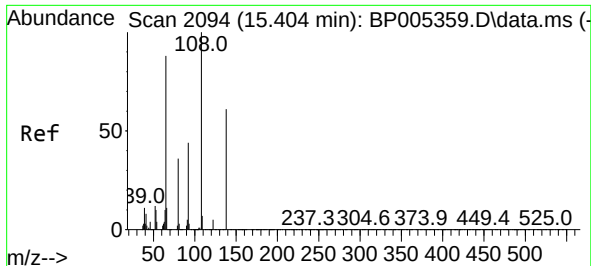
Tgt Ion:	139	Resp:	34
Ion	Ratio	Lower	Upper
139	100		
109	40.9	122.8	162.8#
65	313.6	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 3.14 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:	165	Resp:	35
Ion	Ratio	Lower	Upper
165	100		
63	84.0	56.7	85.1
89	204.0	85.8	128.6#
182	80.0	3.0	4.6#

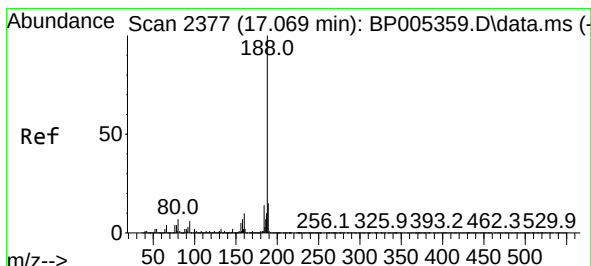
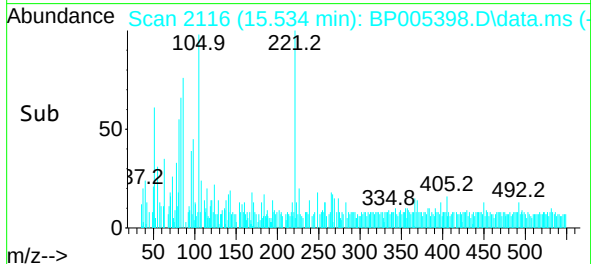
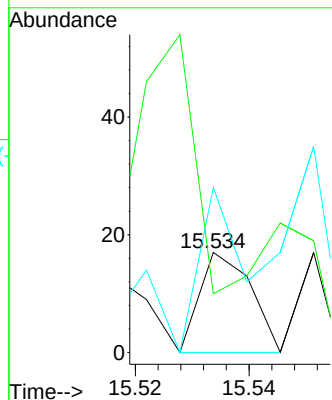
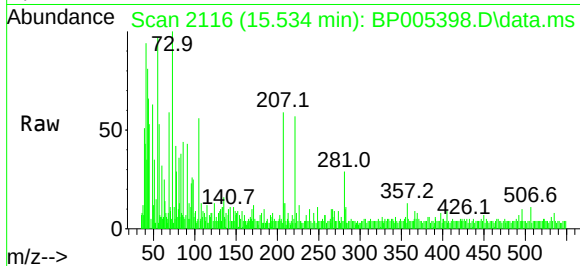




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.534 min Scan# 2116
Delta R.T. 0.130 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

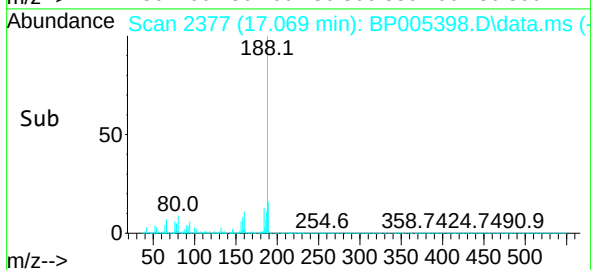
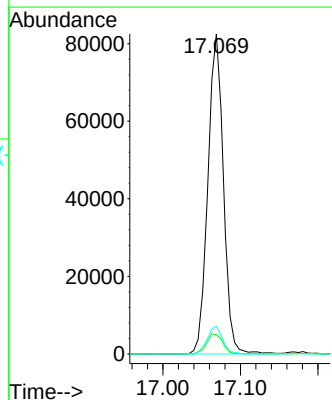
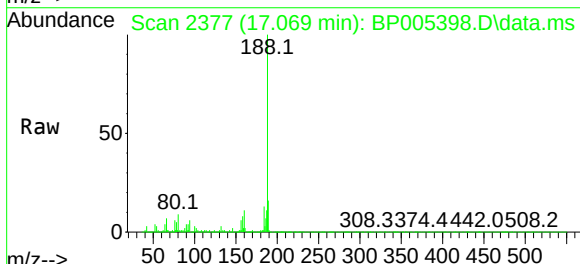
Instrument :
BNA_P
ClientSampleId :
SB-37-9.5-10.0

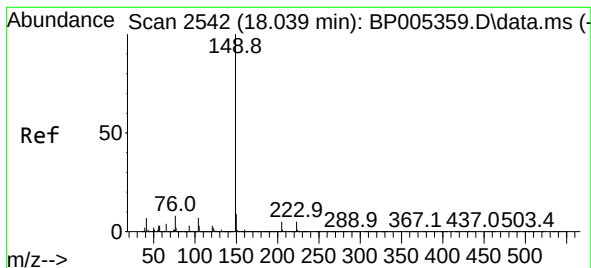
Tgt Ion:138 Resp: 11
Ion Ratio Lower Upper
138 100
92 58.8 50.9 90.9
108 164.7 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:188 Resp: 114746
Ion Ratio Lower Upper
188 100
94 6.0 5.0 7.6
80 8.6 5.9 8.9

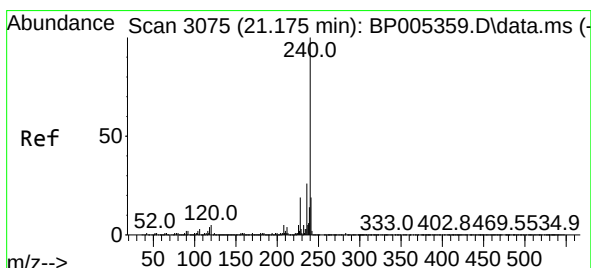
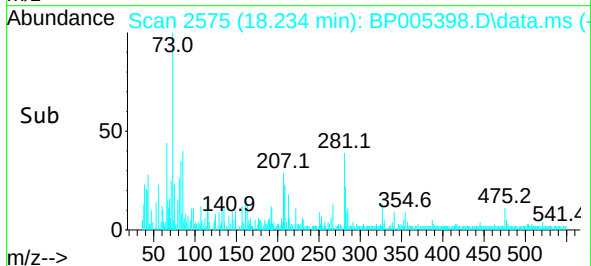
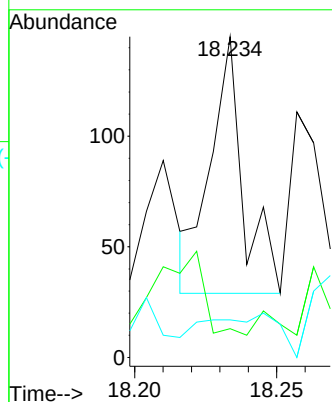
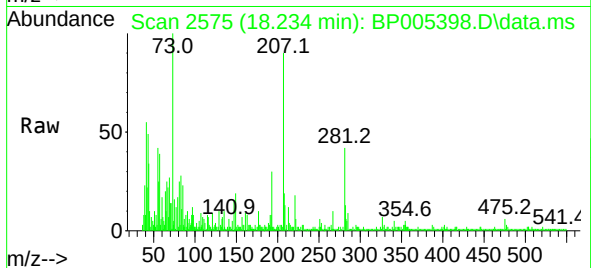




#74
Di-n-butylphthalate
Concen: 3.96 ng
RT: 18.234 min Scan# 2575
Delta R.T. 0.195 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

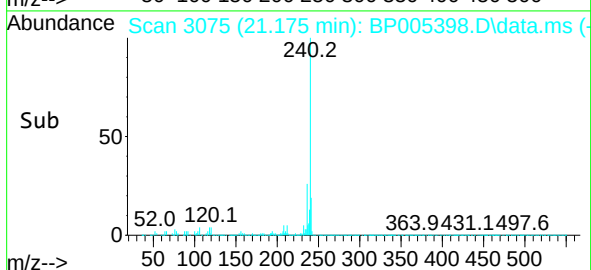
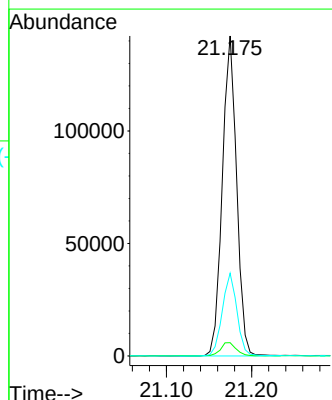
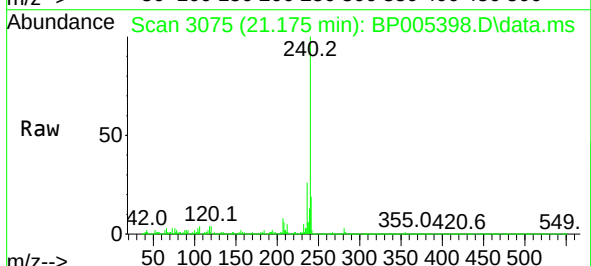
Instrument :
BNA_P
ClientSampleId :
SB-37-9.5-10.0

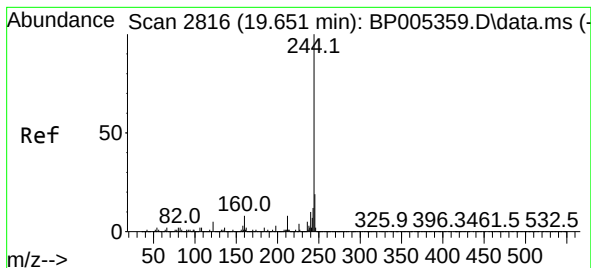
Tgt Ion:149 Resp: 92
Ion Ratio Lower Upper
149 100
150 9.0 7.6 11.4
104 11.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005398.D
Acq: 23 Apr 2021 17:40

Tgt Ion:240 Resp: 165688
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 48.00 ng

RT: 19.651 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP005398.D

Acq: 23 Apr 2021 17:40

Instrument :

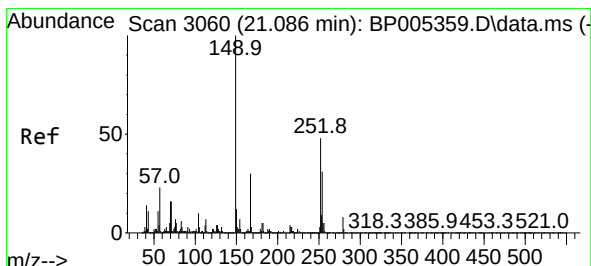
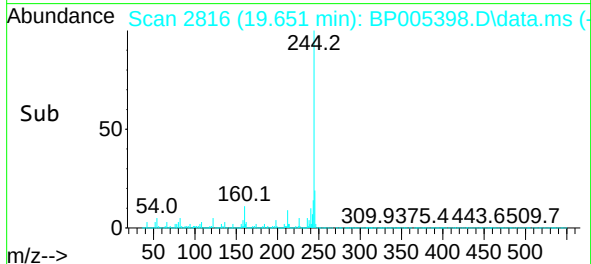
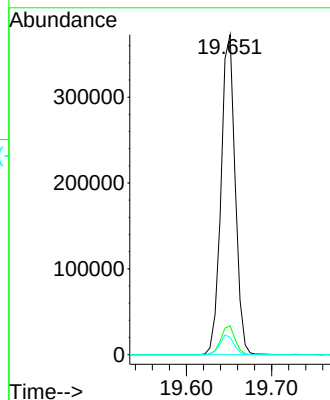
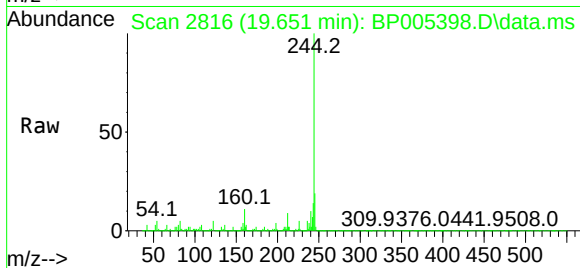
BNA_P

ClientSampleId :

SB-37-9.5-10.0

Tgt Ion:244 Resp: 429186

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.6#
122	5.4	5.2	7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.80 ng

RT: 21.080 min Scan# 3059

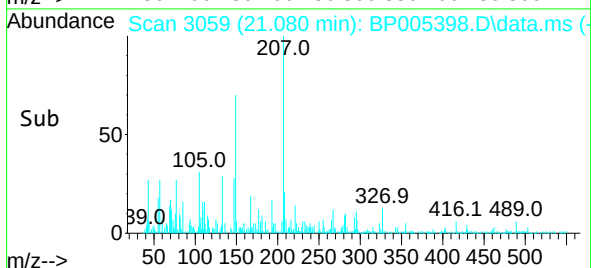
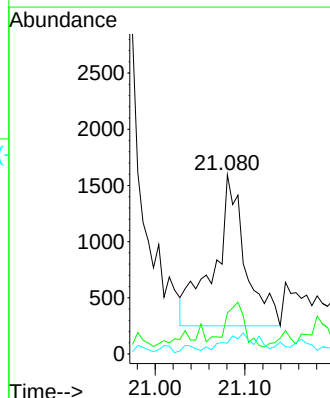
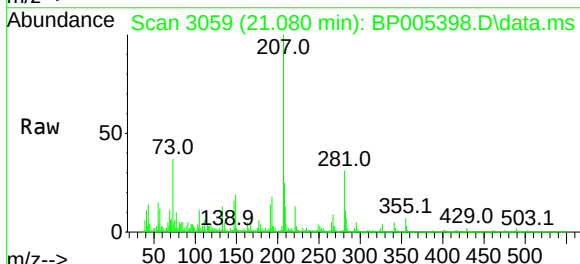
Delta R.T. -0.006 min

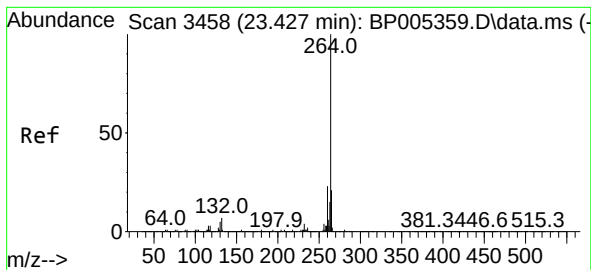
Lab File: BP005398.D

Acq: 23 Apr 2021 17:40

Tgt Ion:149 Resp: 3263

Ion	Ratio	Lower	Upper
149	100		
167	22.9	23.8	35.8#
279	6.1	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: BP005398.D
 Acq: 23 Apr 2021 17:40

Instrument :
 BNA_P
 ClientSampleId :
 SB-37-9.5-10.0

Tgt Ion:264 Resp: 179024
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.6 30.8
 265 22.2 19.0 28.6

