

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005396.D
 Acq On : 23 Apr 2021 16:32
 Operator : CG/JU
 Sample : M2150-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP-40

Quant Time: Apr 23 17:08:01 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)

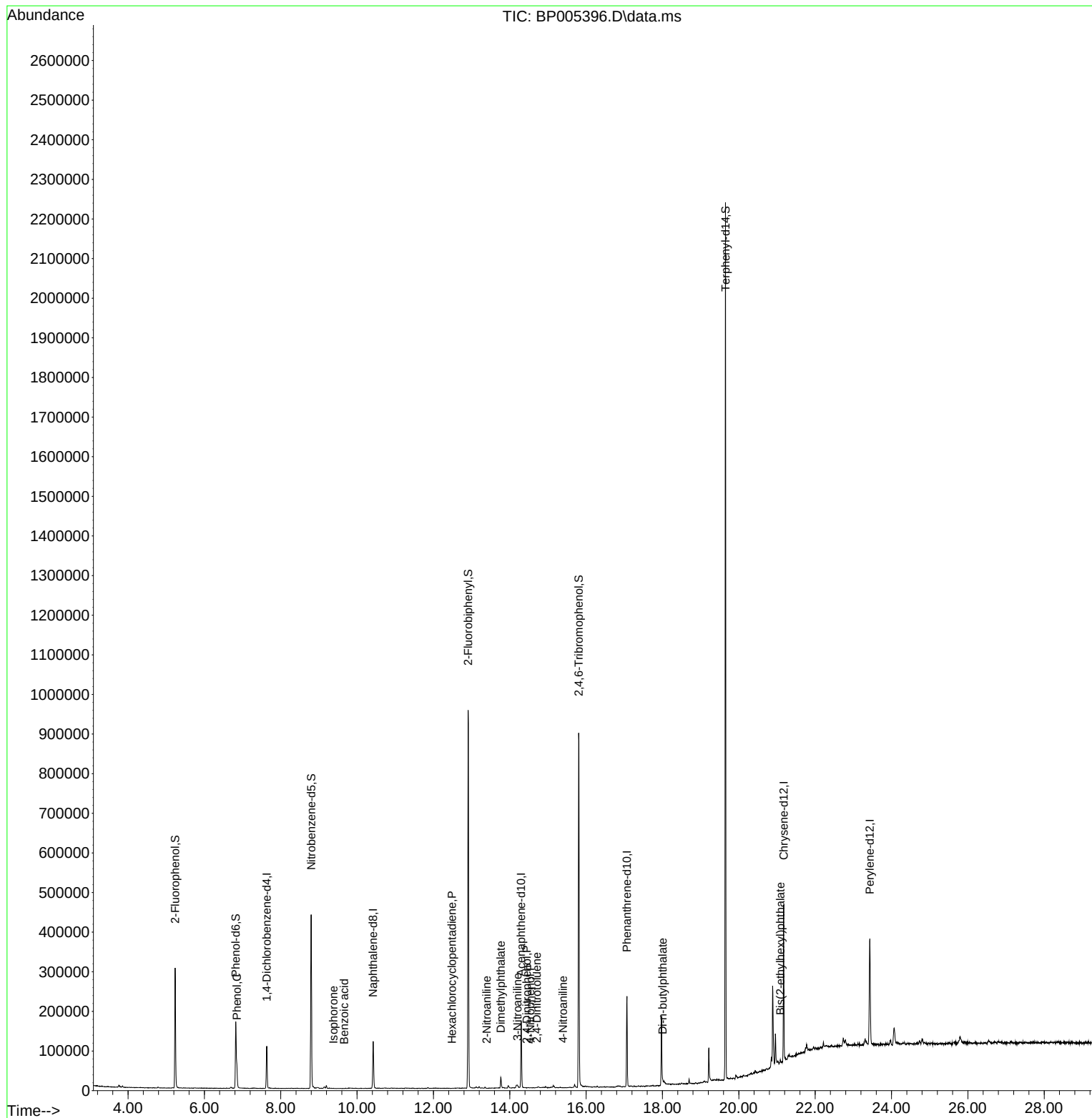
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	20029	20.00	ng	-0.01
21) Naphthalene-d8	10.422	136	68814	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	46790	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	113196	20.00	ng	0.00
76) Chrysene-d12	21.175	240	163788	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	182875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	86474	75.00	ng	-0.01
7) Phenol-d6	6.822	99	63679	40.08	ng	-0.01
23) Nitrobenzene-d5	8.799	82	235387	148.78	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	124614	139.23	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	383013	105.96	ng	0.00
79) Terphenyl-d14	19.651	244	777146	87.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.852	94	20305	12.81	ng	# 56
25) Isophorone	9.381	82	101	2.98	ng	# 73
32) Benzoic acid	9.663	122	20	7.77	ng	90
41) Hexachlorocyclopentadiene	12.481	237	15	6.98	ng	76
48) 2-Nitroaniline	13.393	65	44	5.49	ng	# 69
50) Dimethylphthalate	13.763	163	13782	4.06	ng	99
53) 3-Nitroaniline	14.204	138	14	2.67	ng	# 6
54) 2,4-Dinitrophenol	14.446	184	6	7.53	ng	# 1
56) 4-Nitrophenol	14.540	139	18	5.33	ng	# 1
57) 2,4-Dinitrotoluene	14.710	165	32	3.14	ng	# 1
62) 4-Nitroaniline	15.393	138	24	3.85	ng	# 32
74) Di-n-butylphthalate	18.004	149	95	3.96	ng	97
84) Bis(2-ethylhexyl)phtha...	21.086	149	1864	3.45	ng	# 92

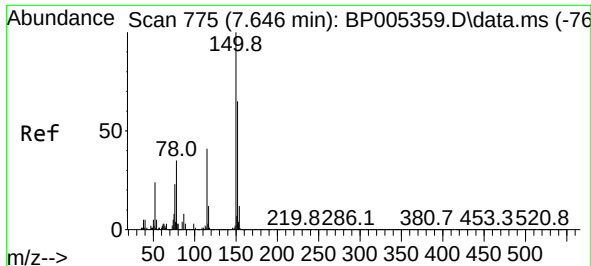
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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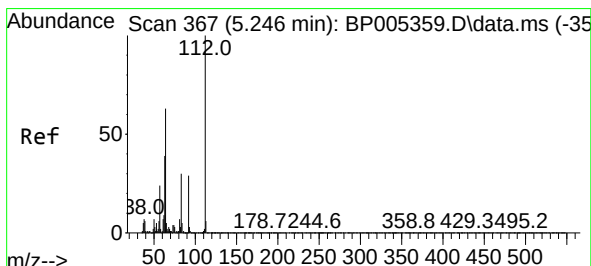
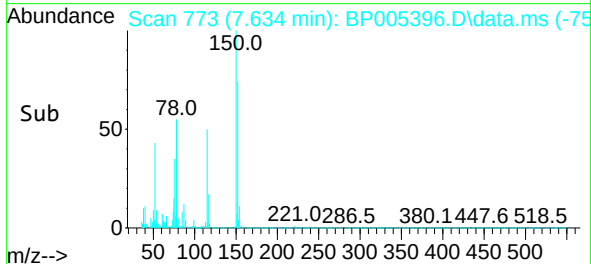
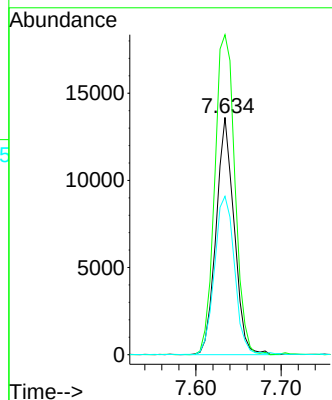
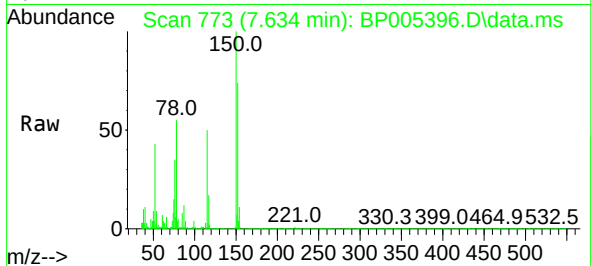




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

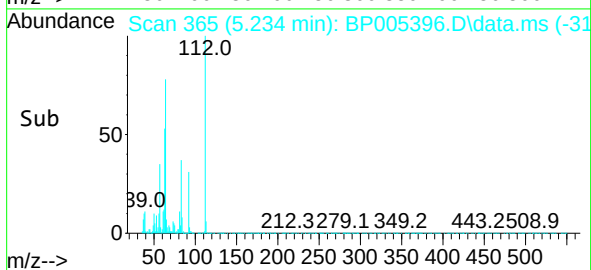
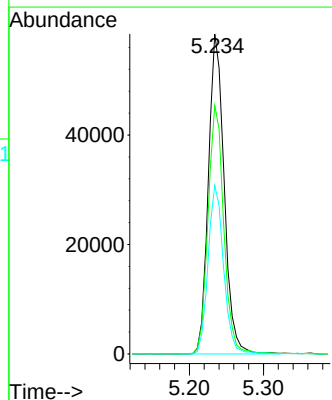
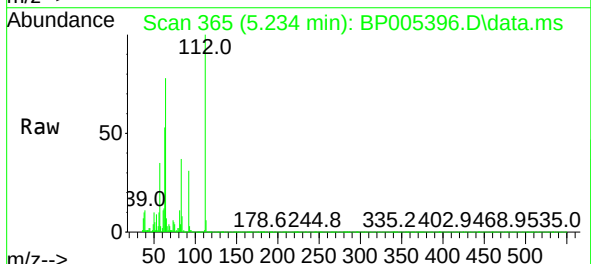
Instrument :
BNA_P
ClientSampled :
TWP-40

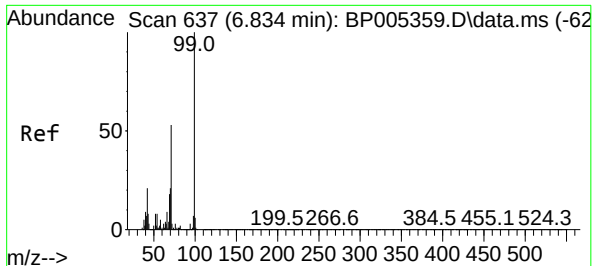
Tgt Ion:152 Resp: 20029
Ion Ratio Lower Upper
152 100
150 134.9 119.8 179.8
115 66.8 49.0 73.4



#5
2-Fluorophenol
Concen: 75.00 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:112 Resp: 86474
Ion Ratio Lower Upper
112 100
64 77.7 33.6 50.4#
63 52.6 18.6 27.8#

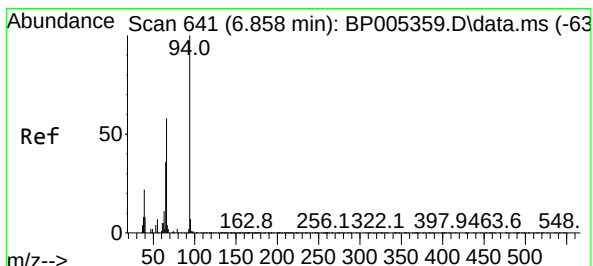
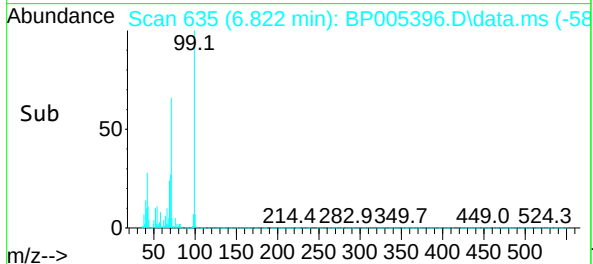
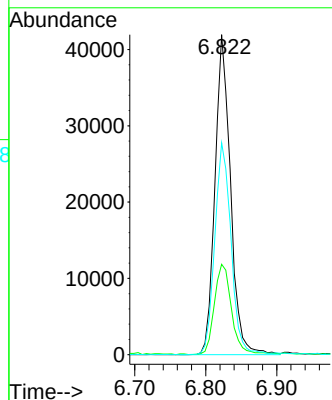
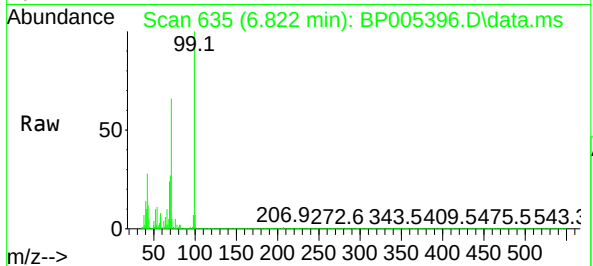




#7
Phenol-d6
Concen: 40.08 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

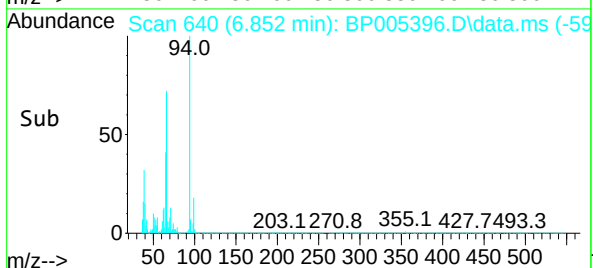
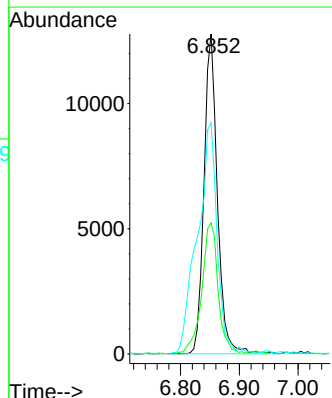
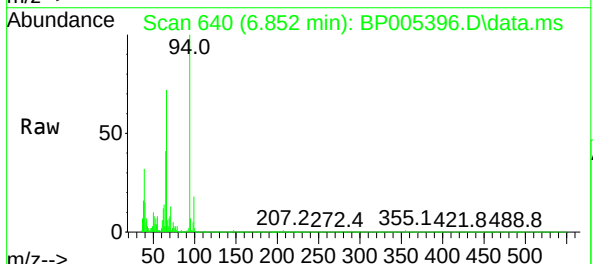
Instrument :
BNA_P
ClientSampleId :
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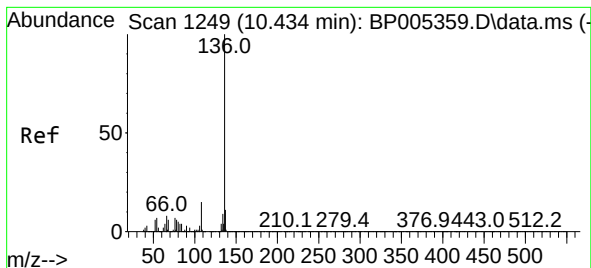
Tgt Ion: 99 Resp: 63679
Ion Ratio Lower Upper
99 100
42 28.2 12.9 19.3#
71 66.2 26.7 40.1#



#10
Phenol
Concen: 12.81 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion: 94 Resp: 20305
Ion Ratio Lower Upper
94 100
65 41.0 8.0 48.0
66 72.2 17.3 57.3#

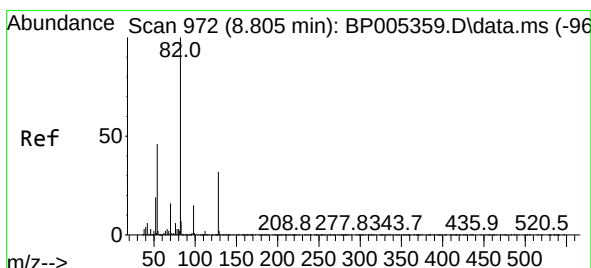
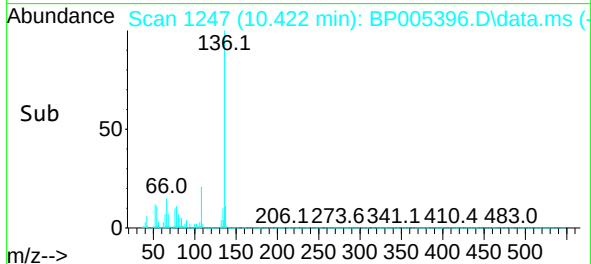
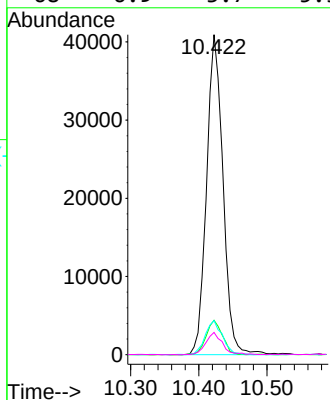
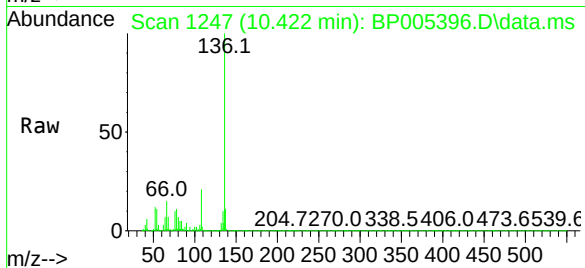




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

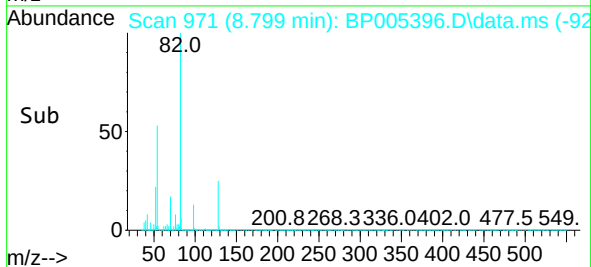
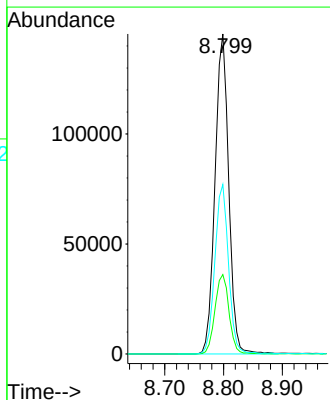
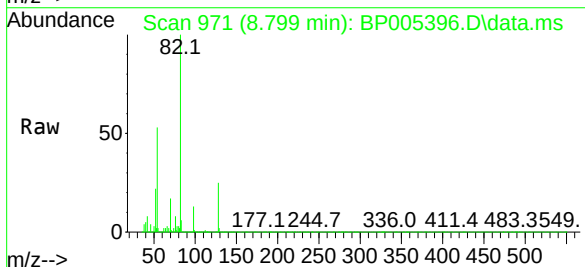
Instrument :
BNA_P
ClientSampled :
TWP-40

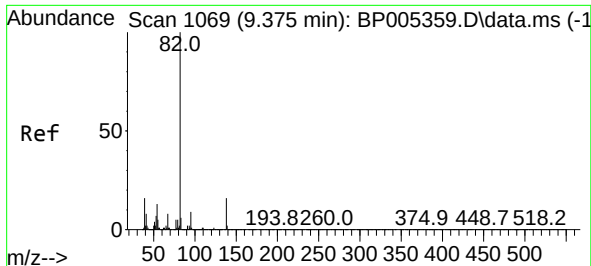
Tgt Ion:	136	Resp:	68814
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.7	5.0	7.4#
68	6.9	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 148.78 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:	82	Resp:	235387
Ion	Ratio	Lower	Upper
82	100		
128	24.8	30.5	45.7#
54	53.0	33.9	50.9#

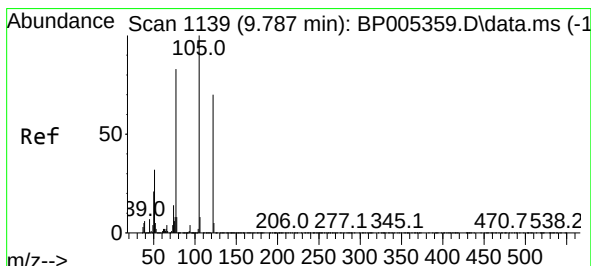
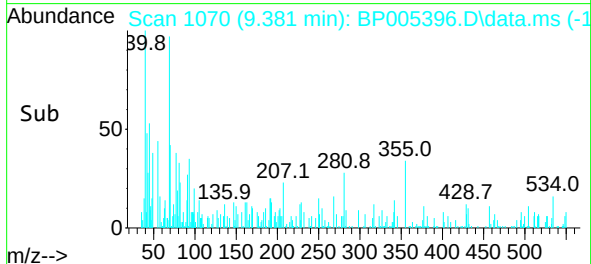
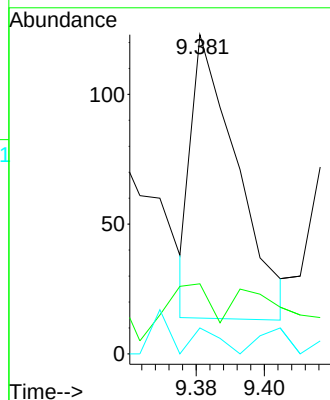
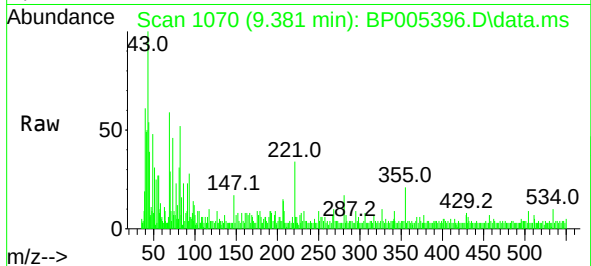




#25
Isophorone
Concen: 2.98 ng
RT: 9.381 min Scan# 1070
Delta R.T. 0.006 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

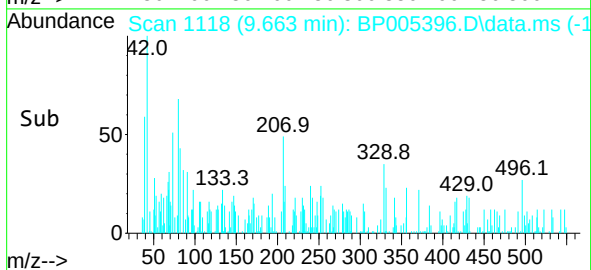
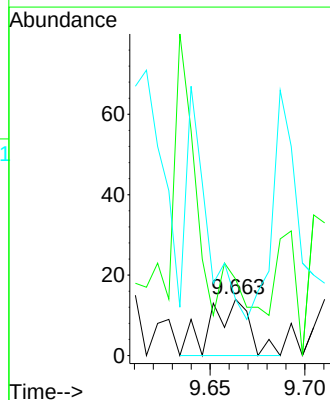
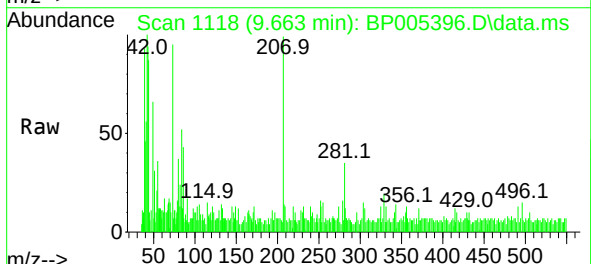
Instrument :
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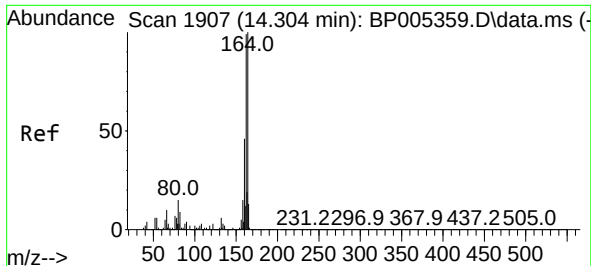
Tgt Ion:	82	Resp:	101
Ion	Ratio	Lower	Upper
82	100		
95	22.0	7.5	11.3#
138	8.1	14.6	22.0#



#32
Benzoic acid
Concen: 7.77 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.124 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:	122	Resp:	20
Ion	Ratio	Lower	Upper
122	100		
105	135.7	105.1	145.1
77	100.0	69.6	109.6

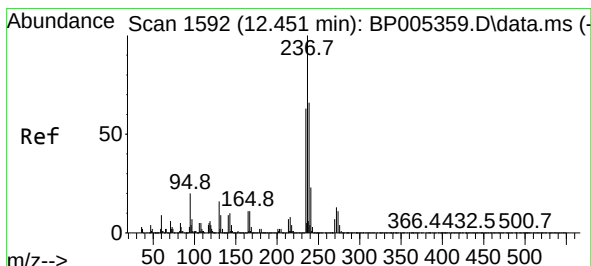
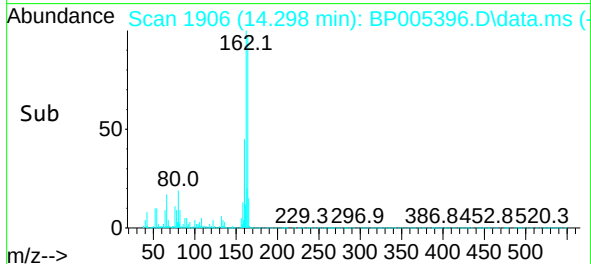
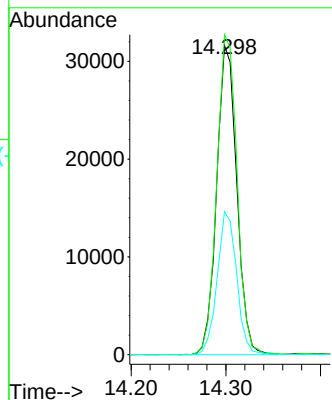
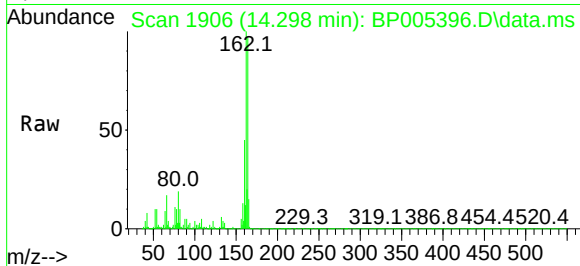




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

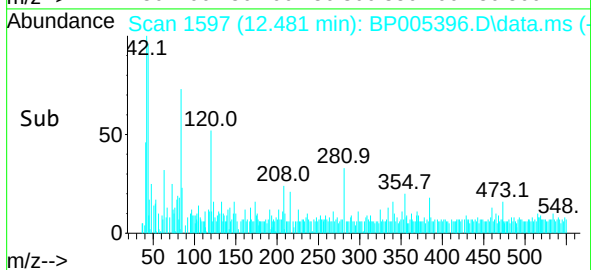
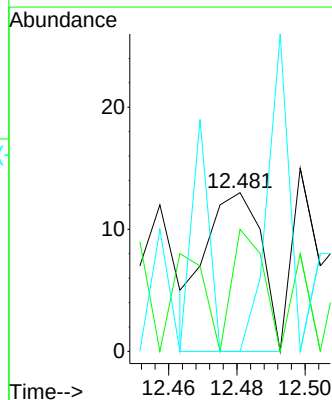
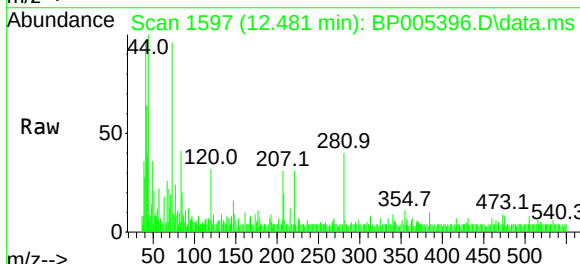
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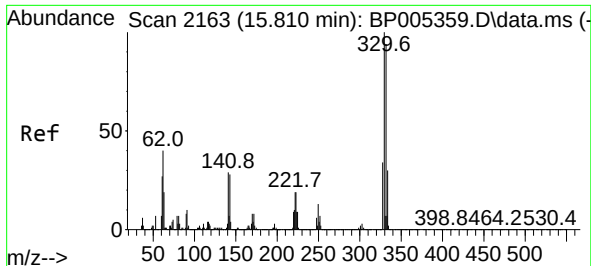
Tgt Ion:	164	Resp:	46790
Ion Ratio	Lower	Upper	
164	100		
162	103.4	73.5	110.3
160	46.2	40.6	61.0



#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.481 min Scan# 1597
Delta R.T. 0.030 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:	237	Resp:	15
Ion Ratio	Lower	Upper	
237	100		
235	76.9	40.9	80.9
272	0.0	0.0	34.6

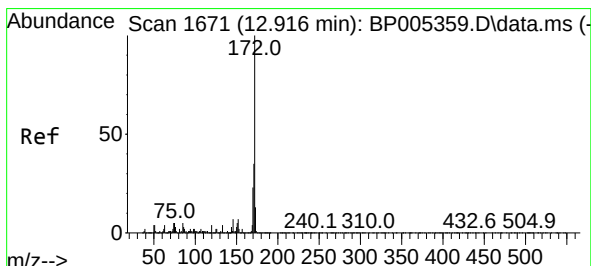
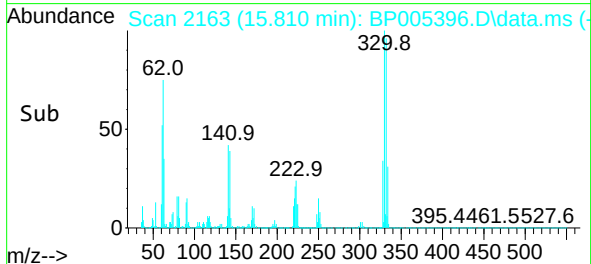
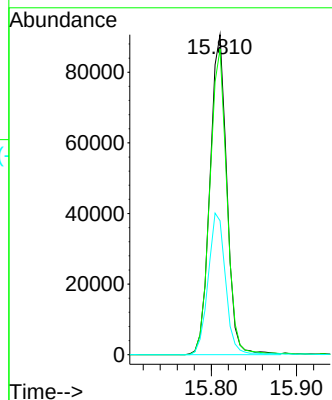
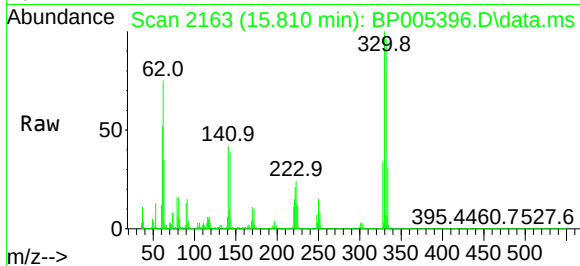




#42
2,4,6-Tribromophenol
Concen: 139.23 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

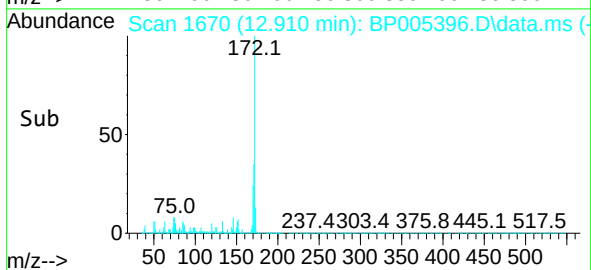
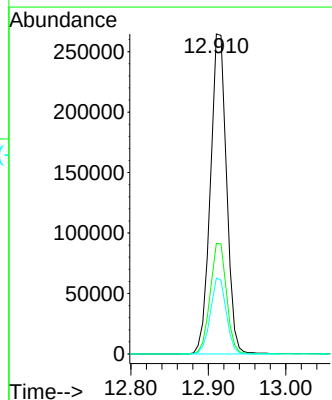
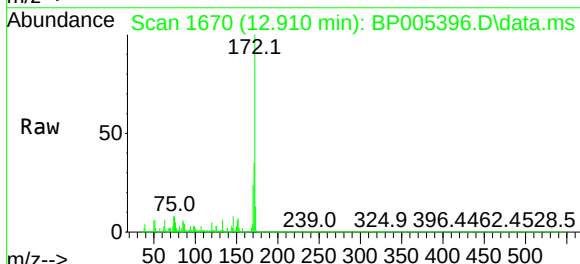
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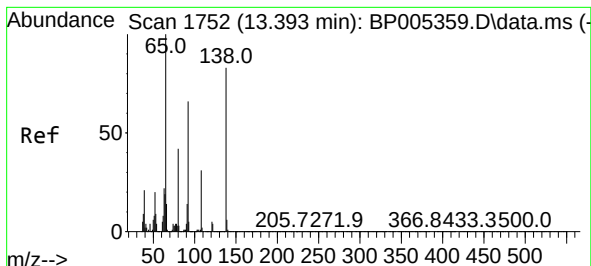
Tgt Ion:330 Resp: 124614
Ion Ratio Lower Upper
330 100
332 97.0 76.3 114.5
141 45.4 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 105.96 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:172 Resp: 383013
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.7 19.6 29.4

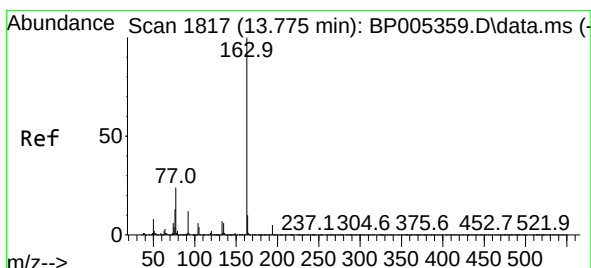
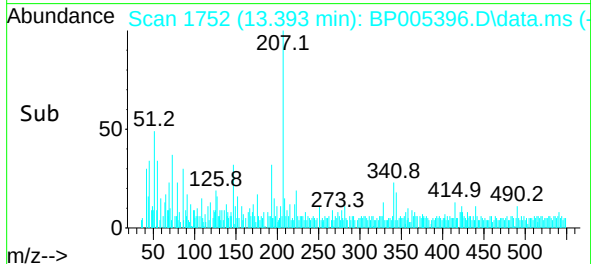
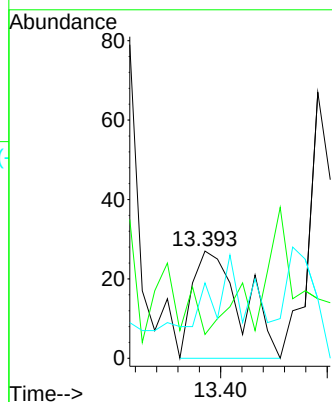
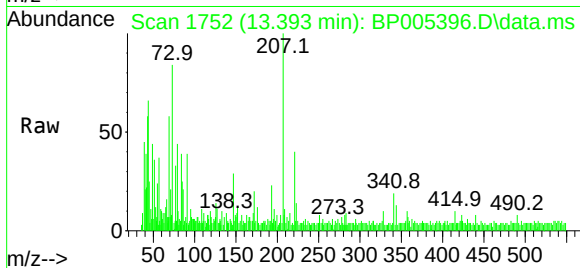




#48
2-Nitroaniline
Concen: 5.49 ng
RT: 13.393 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

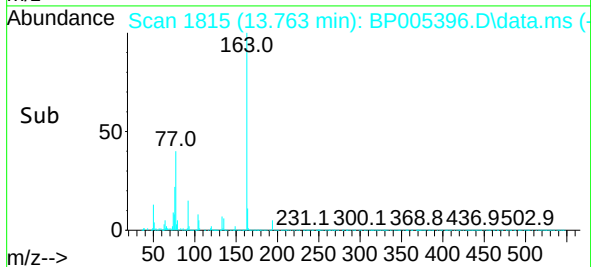
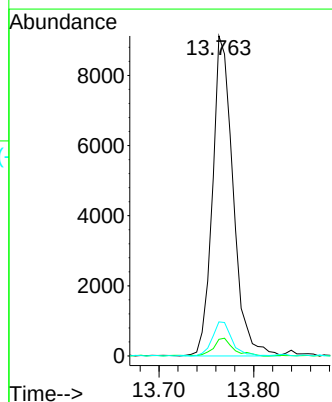
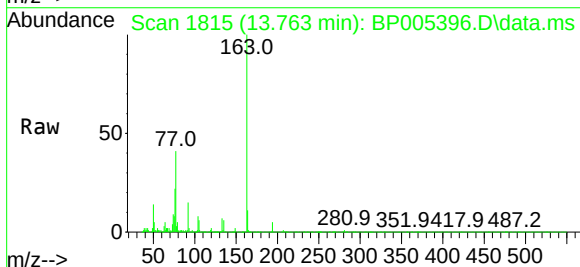
Instrument :
BNA_P
ClientSampleId :
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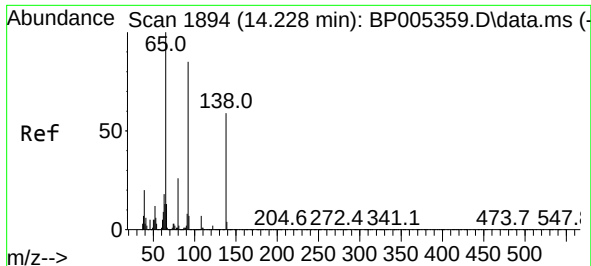
Tgt Ion: 65 Resp: 44
Ion Ratio Lower Upper
65 100
92 22.2 48.8 73.2#
138 70.4 69.5 104.3



#50
Dimethylphthalate
Concen: 4.06 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion: 163 Resp: 13782
Ion Ratio Lower Upper
163 100
194 5.2 3.9 5.9
164 10.7 8.1 12.1

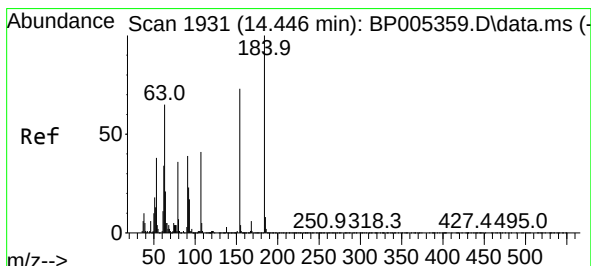
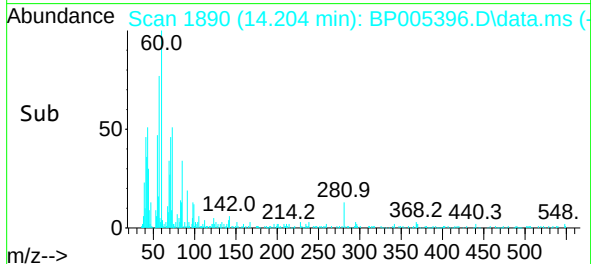
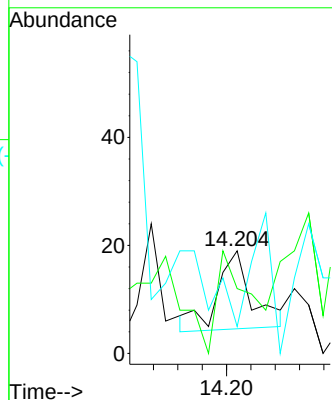
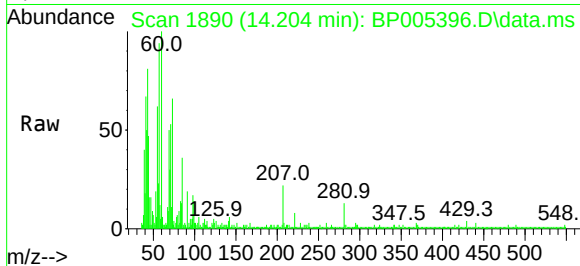




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.024 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

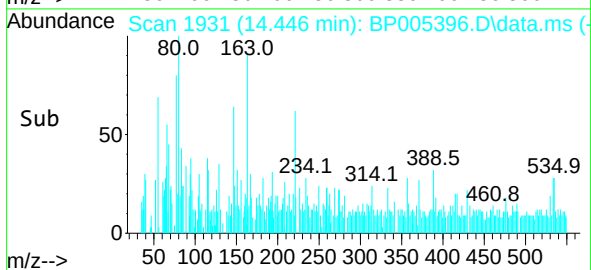
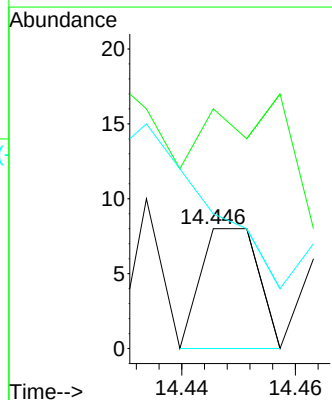
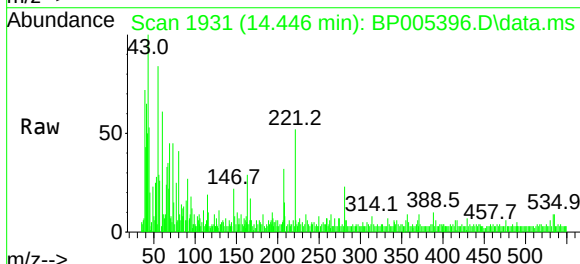
Instrument :
BNA_P
ClientSampleId :
TWP-40

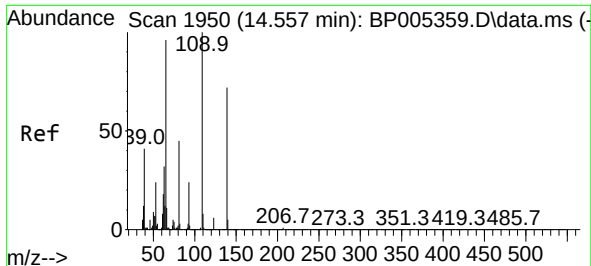
Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
108 63.2 10.2 15.4#
92 26.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.446 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 200.0 51.2 76.8#
154 112.5 55.8 83.8#

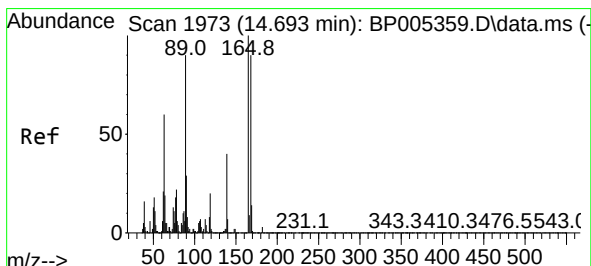
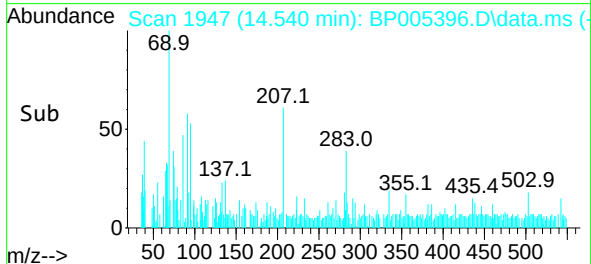
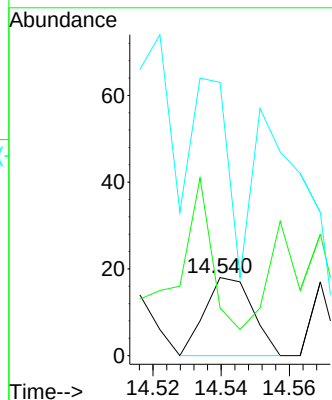
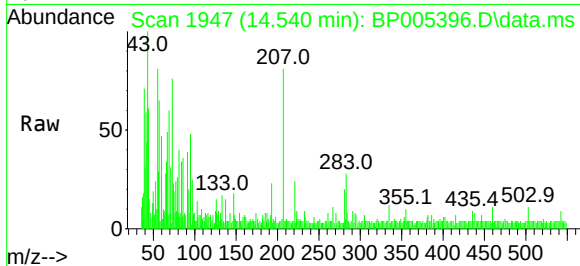




#56
4-Nitrophenol
Concen: 5.33 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

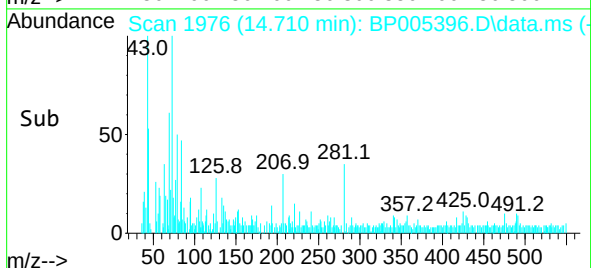
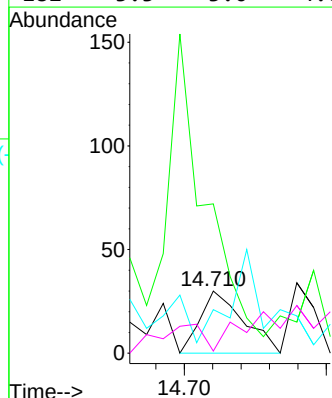
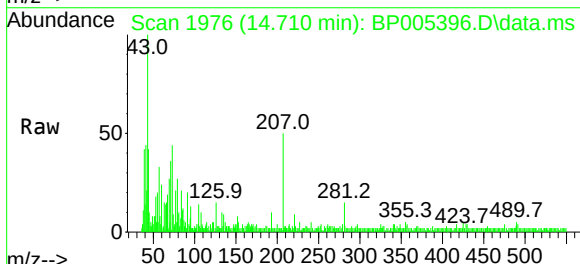
Instrument :
BNA_P
ClientSampleId :
TWP-40

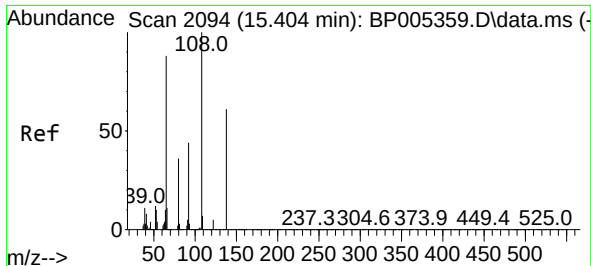
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 61.1 122.8 162.8#
65 350.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.14 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.017 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:165 Resp: 32
Ion Ratio Lower Upper
165 100
63 240.0 56.7 85.1#
89 70.0 85.8 128.6#
182 3.3 3.0 4.6

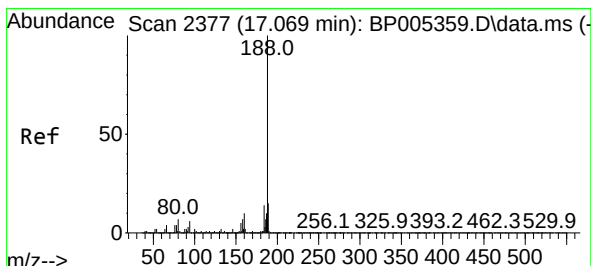
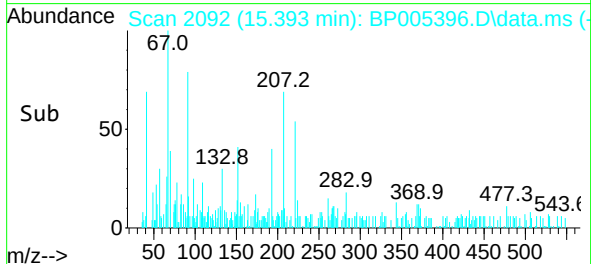
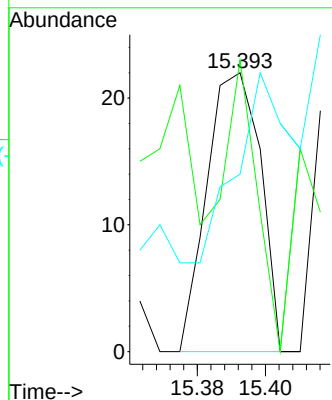
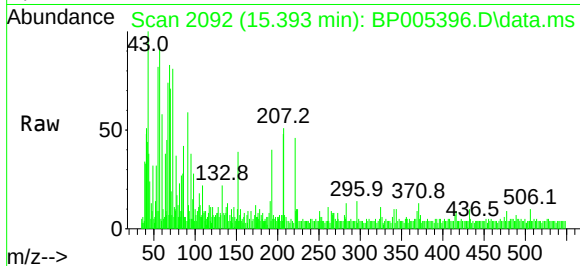




#62
4-Nitroaniline
Concen: 3.85 ng
RT: 15.393 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

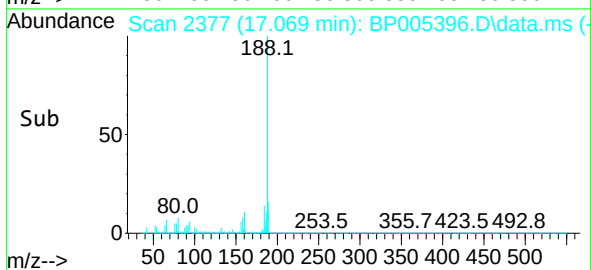
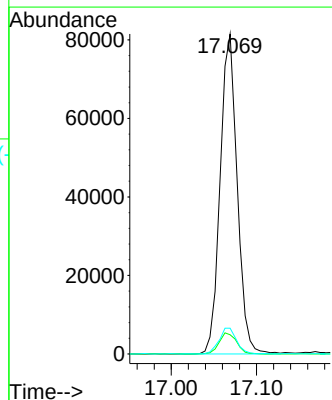
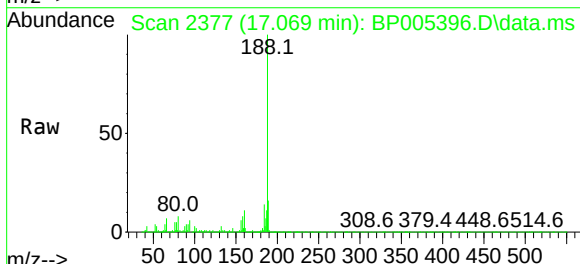
Instrument :
BNA_P
ClientSampled :
TWP-40

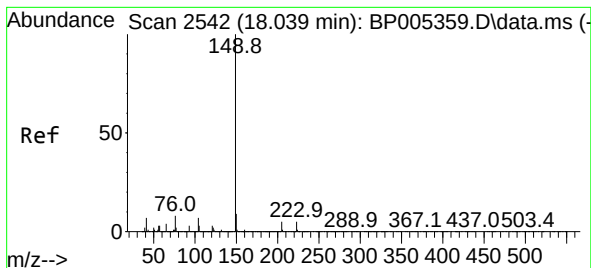
Tgt Ion:138 Resp: 24
Ion Ratio Lower Upper
138 100
92 104.5 50.9 90.9#
108 63.6 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005396.D
Acq: 23 Apr 2021 16:32

Tgt Ion:188 Resp: 113196
Ion Ratio Lower Upper
188 100
94 6.0 5.0 7.6
80 8.1 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.96 ng

RT: 18.004 min Scan# 2536

Delta R.T. -0.035 min

Lab File: BP005396.D

Acq: 23 Apr 2021 16:32

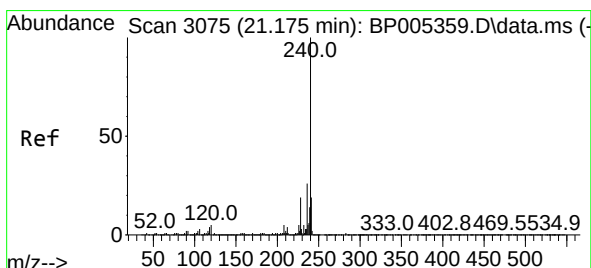
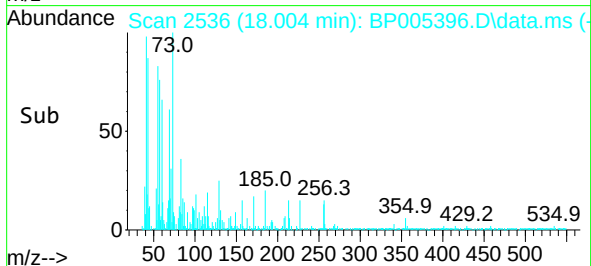
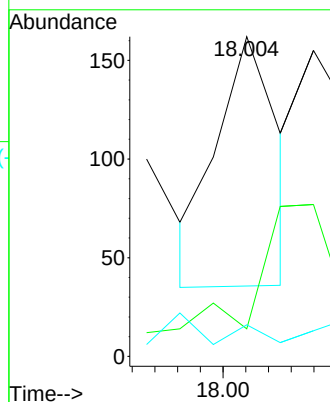
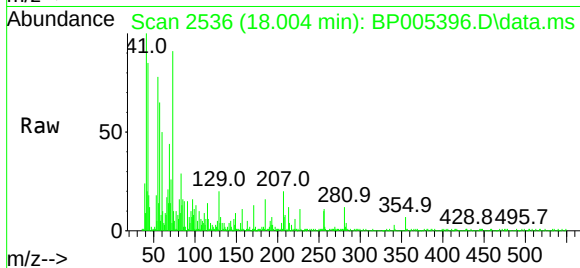
Instrument :

BNA_P

ClientSampleId :

TWP-40

Tgt Ion:	149	Resp:	95
Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.6	11.4
104	9.9	8.9	13.3



#76

Chrysene-d12

Concen: 20.00 ng

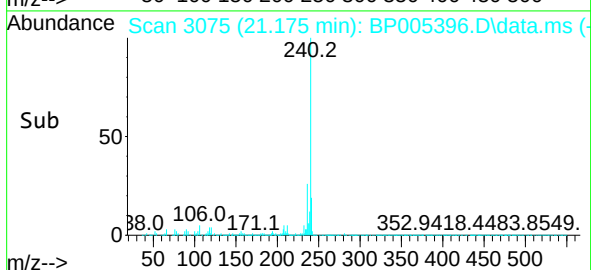
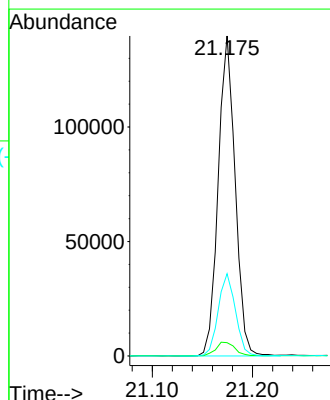
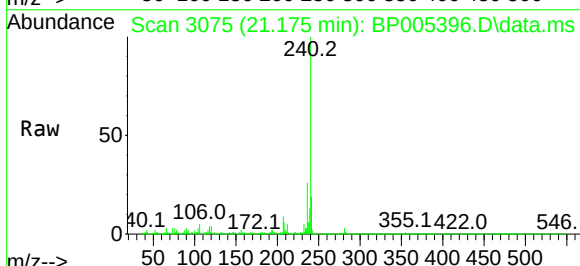
RT: 21.175 min Scan# 3075

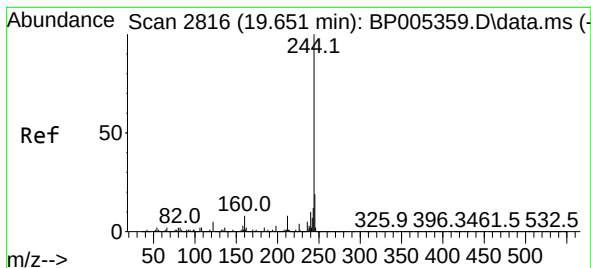
Delta R.T. -0.000 min

Lab File: BP005396.D

Acq: 23 Apr 2021 16:32

Tgt Ion:	240	Resp:	163788
Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.2	6.2#
236	25.7	20.2	30.2





#79

Terphenyl-d14

Concen: 87.93 ng

RT: 19.651 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BP005396.D

Acq: 23 Apr 2021 16:32

Instrument :

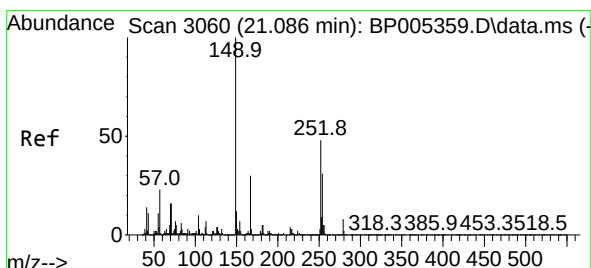
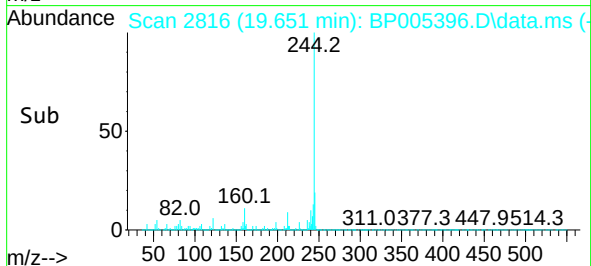
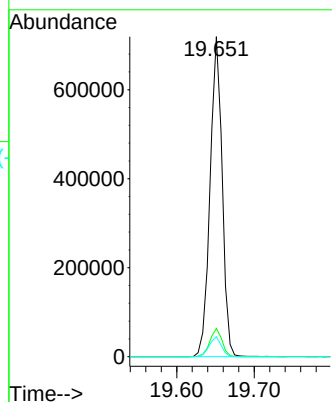
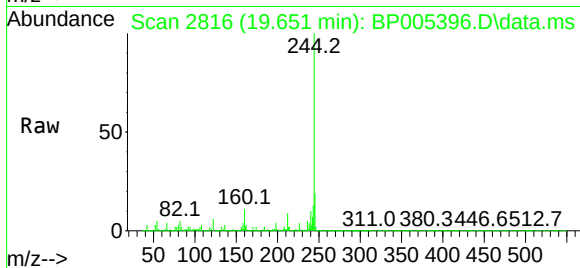
BNA_P

ClientSampleId :

TWP-40

Tgt Ion:244 Resp: 777146

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: 3.45 ng

RT: 21.086 min Scan# 3060

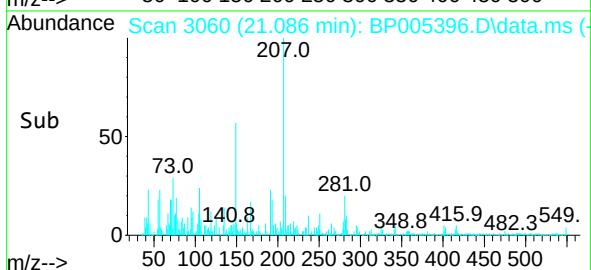
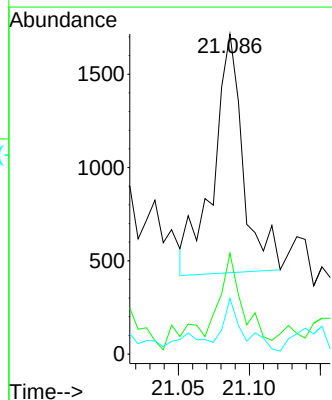
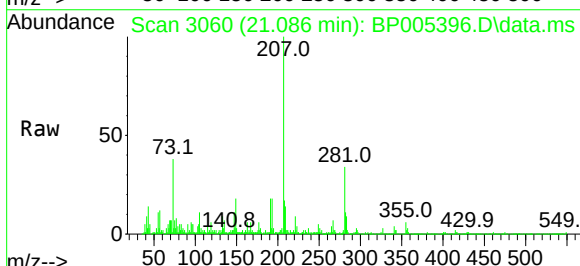
Delta R.T. 0.000 min

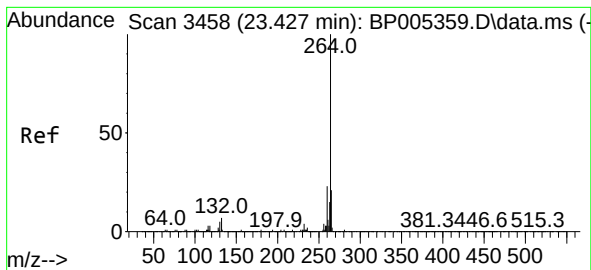
Lab File: BP005396.D

Acq: 23 Apr 2021 16:32

Tgt Ion:149 Resp: 1864

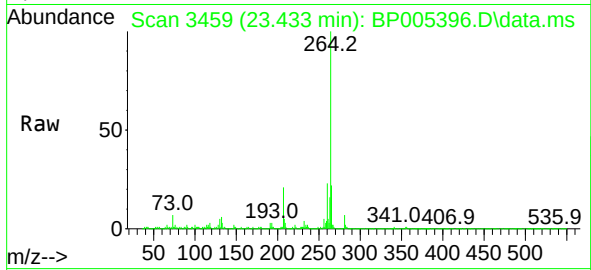
Ion	Ratio	Lower	Upper
149	100		
167	31.5	23.8	35.8
279	17.4	5.7	8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005396.D
 Acq: 23 Apr 2021 16:32

Instrument :
 BNA_P
 ClientSampleId :
 TWP-40



Tgt Ion:264 Resp: 182875
 Ion Ratio Lower Upper
 264 100
 260 22.6 20.6 30.8
 265 22.1 19.0 28.6

