

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005400.D
 Acq On : 23 Apr 2021 18:48
 Operator : CG/JU
 Sample : M2149-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Apr 23 23:37:55 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)

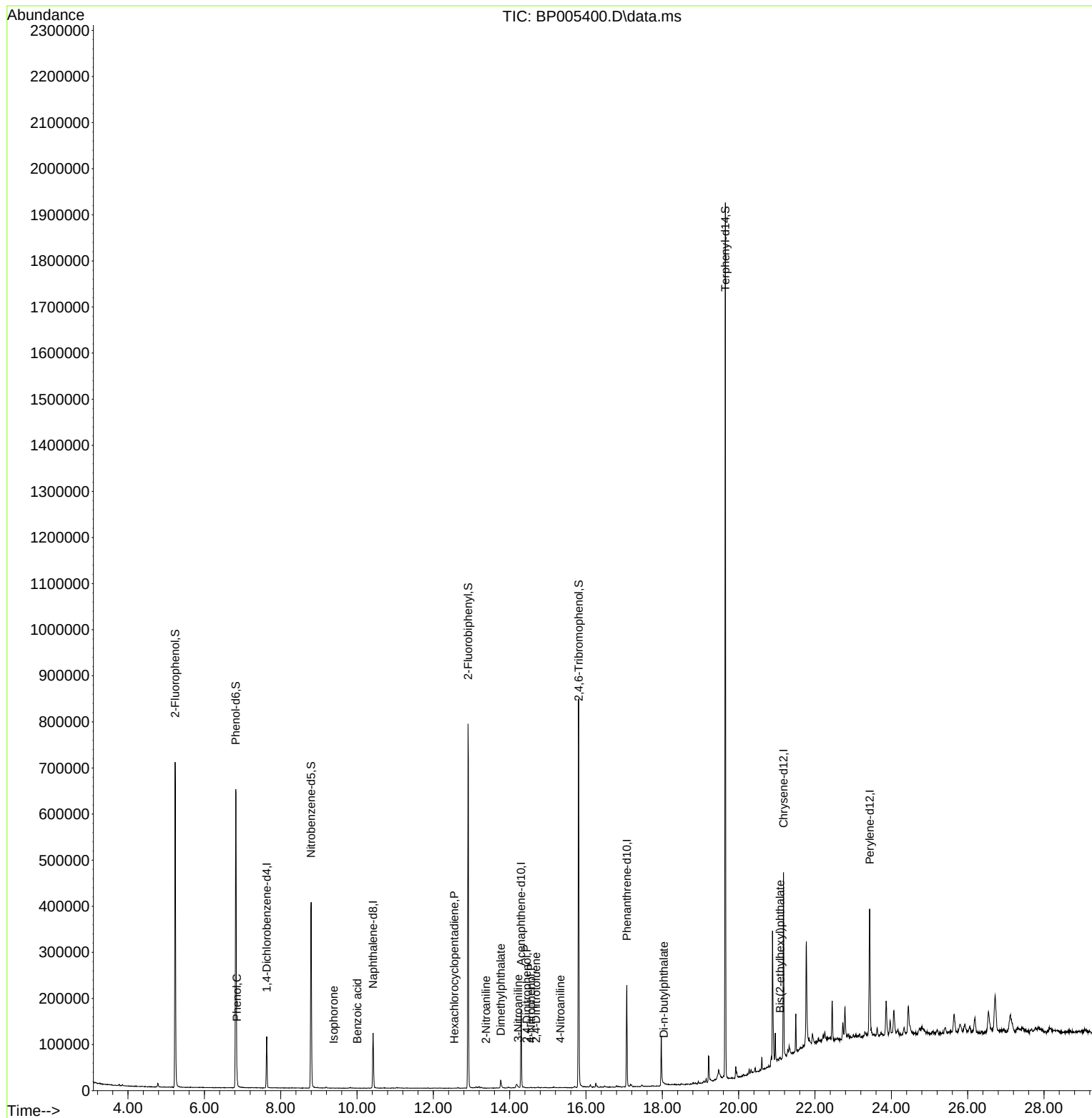
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	19381	20.00	ng	-0.01
21) Naphthalene-d8	10.422	136	69792	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	46042	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	111837	20.00	ng	0.00
76) Chrysene-d12	21.175	240	165643	20.00	ng	0.00
86) Perylene-d12	23.433	264	185389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	193938	173.82	ng	-0.01
7) Phenol-d6	6.822	99	254512	165.56	ng	-0.01
23) Nitrobenzene-d5	8.799	82	215360	134.21	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	110854	125.87	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	311015	87.44	ng	0.00
79) Terphenyl-d14	19.651	244	669435	74.89	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	6770	4.41	ng	# 32
25) Isophorone	9.387	82	97	2.98	ng	# 69
32) Benzoic acid	10.005	122	8	7.75	ng	85
41) Hexachlorocyclopentadiene	12.551	237	23	6.99	ng	90
48) 2-Nitroaniline	13.381	65	43	5.49	ng	# 34
50) Dimethylphthalate	13.763	163	7835	2.34	ng	98
53) 3-Nitroaniline	14.222	138	10	2.67	ng	# 61
54) 2,4-Dinitrophenol	14.451	184	12	7.54	ng	# 28
56) 4-Nitrophenol	14.563	139	16	5.33	ng	# 72
57) 2,4-Dinitrotoluene	14.693	165	13	3.12	ng	# 72
62) 4-Nitroaniline	15.328	138	8	3.83	ng	91
74) Di-n-butylphthalate	18.039	149	878	4.09	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.086	149	1760	3.42	ng	# 90

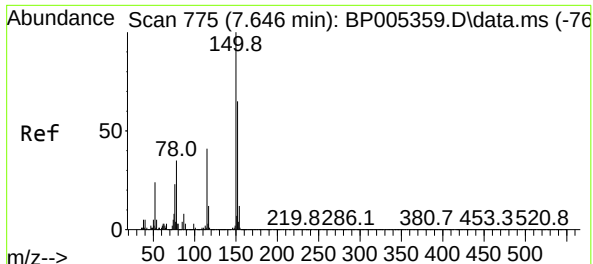
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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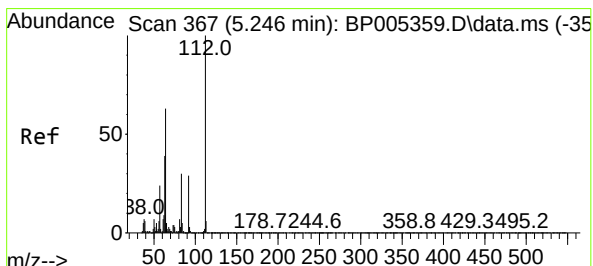
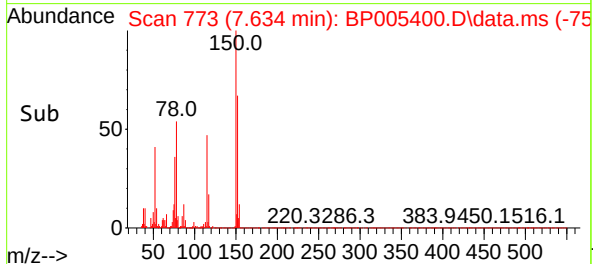
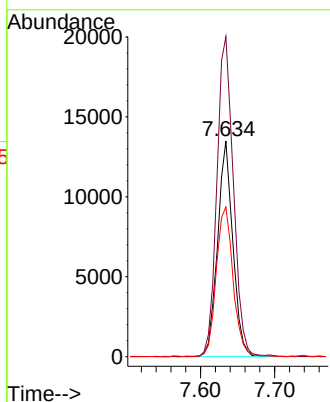
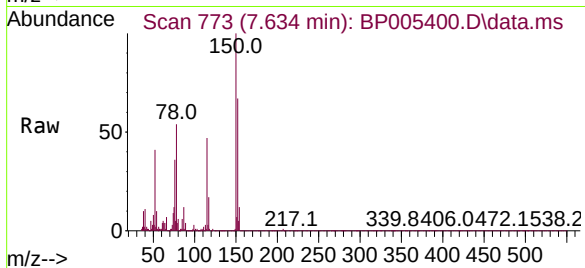




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

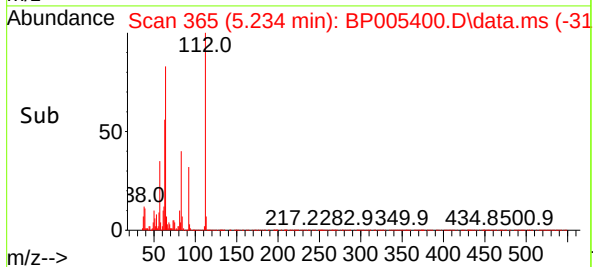
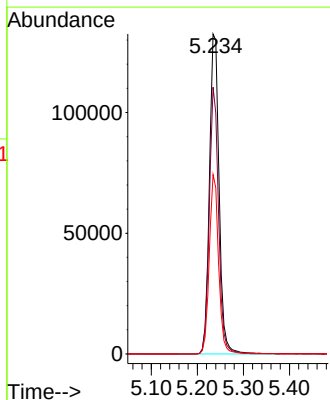
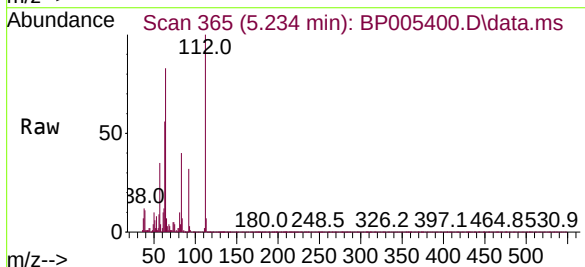
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

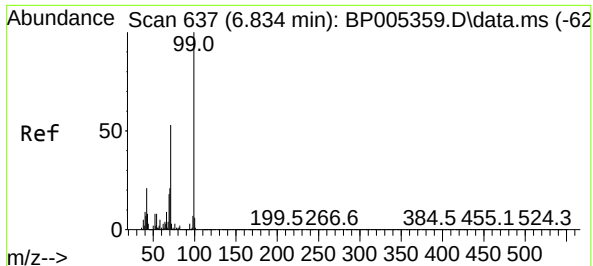
Tgt Ion:152 Resp: 19381
Ion Ratio Lower Upper
152 100
150 148.3 119.8 179.8
115 69.4 49.0 73.4



#5
2-Fluorophenol
Concen: 173.82 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:112 Resp: 193938
Ion Ratio Lower Upper
112 100
64 83.3 33.6 50.4#
63 56.0 18.6 27.8#

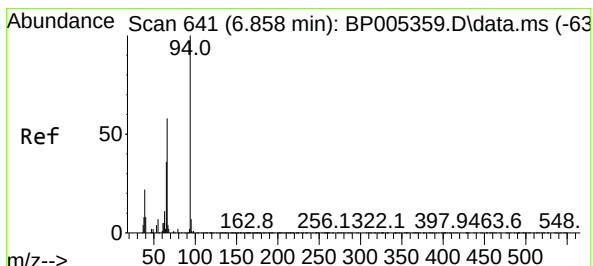
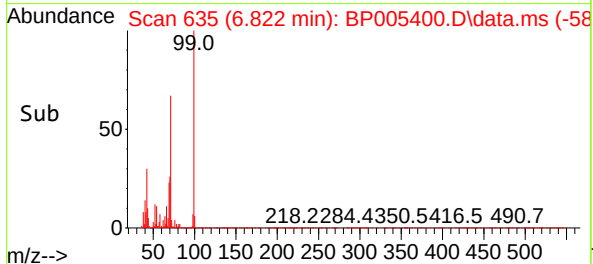
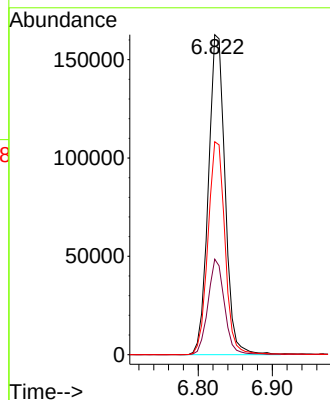
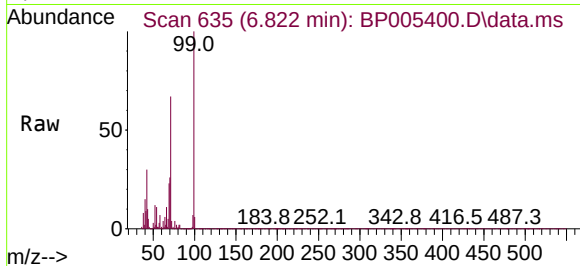




#7
Phenol-d6
Concen: 165.56 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

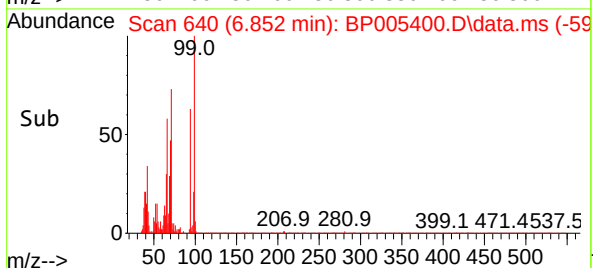
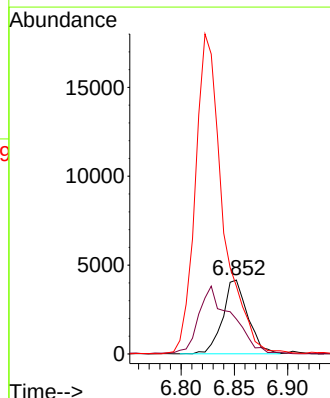
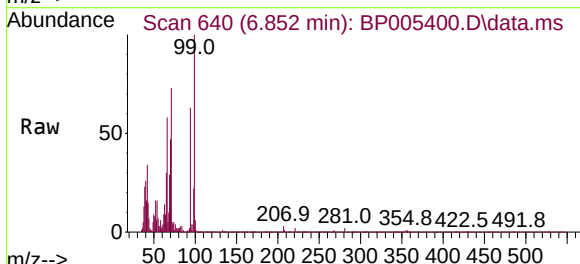
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

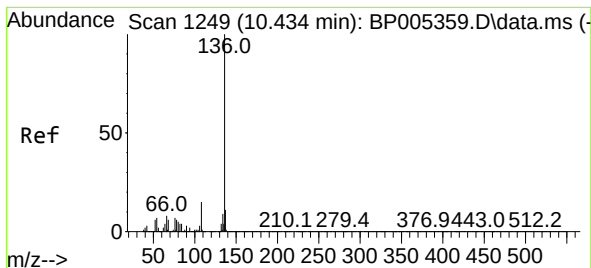
Tgt Ion: 99 Resp: 254512
Ion Ratio Lower Upper
99 100
42 29.8 12.9 19.3#
71 66.6 26.7 40.1#



#10
Phenol
Concen: 4.41 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion: 94 Resp: 6770
Ion Ratio Lower Upper
94 100
65 47.2 8.0 48.0
66 91.7 17.3 57.3#

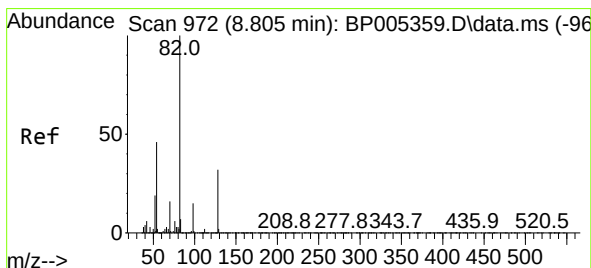
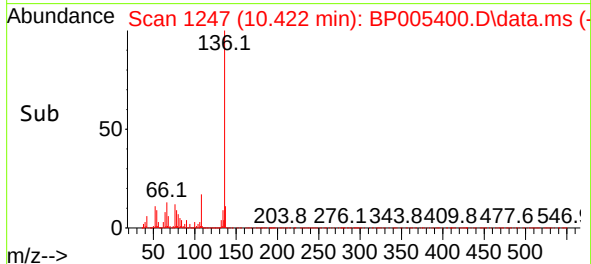
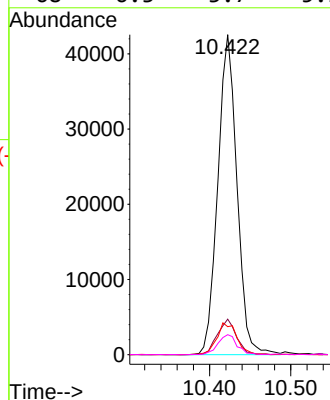
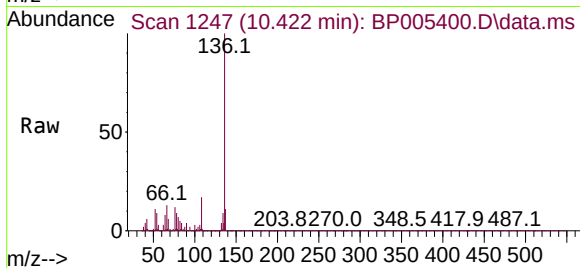




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

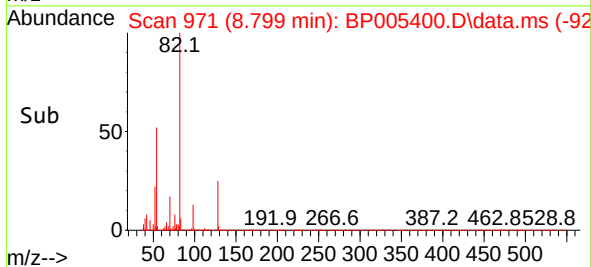
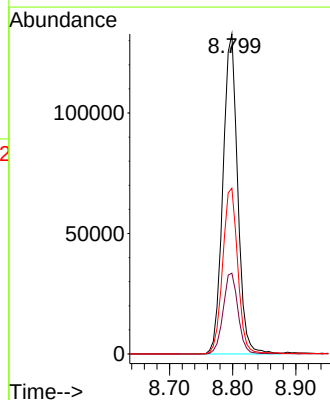
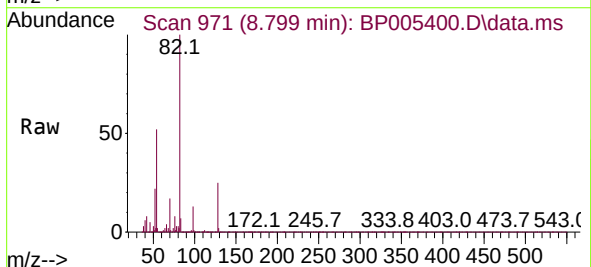
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

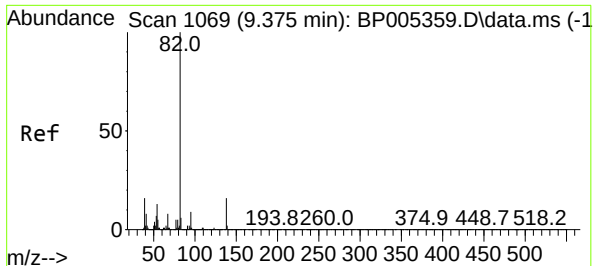
Tgt Ion:	136	Resp:	69792
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	5.0	7.4#
68	6.3	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 134.21 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:	82	Resp:	215360
Ion	Ratio	Lower	Upper
82	100		
128	25.3	30.5	45.7#
54	51.8	33.9	50.9#

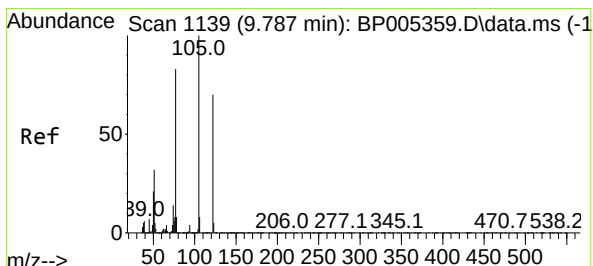
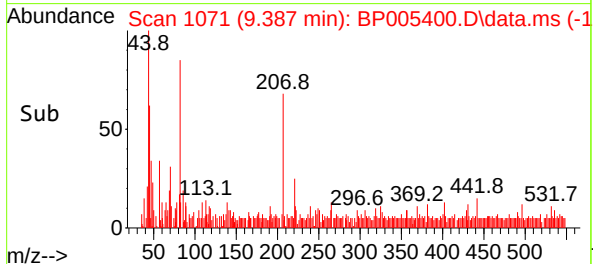
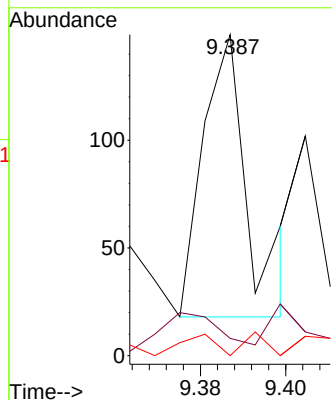
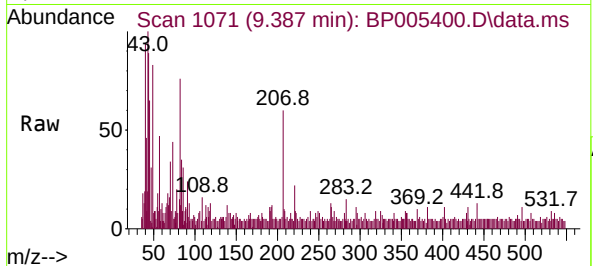




#25
Isophorone
Concen: 2.98 ng
RT: 9.387 min Scan# 1071
Delta R.T. 0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

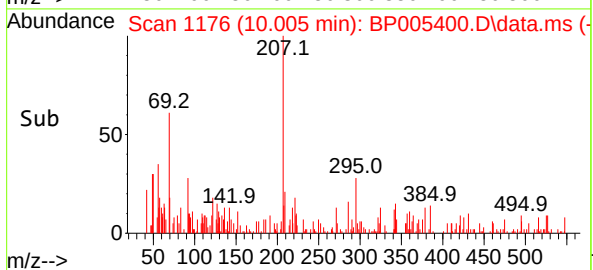
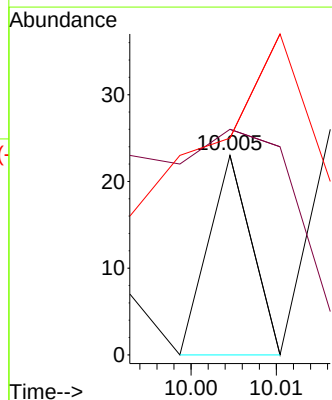
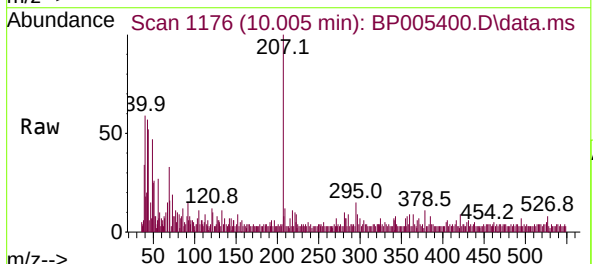
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

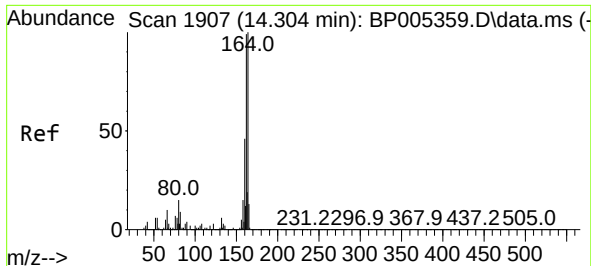
Tgt Ion: 82	Resp: 97
Ion Ratio	Lower Upper
82	100
95	5.4 7.5 11.3#
138	0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.75 ng
RT: 10.005 min Scan# 1176
Delta R.T. 0.218 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion: 122	Resp: 8
Ion Ratio	Lower Upper
122	100
105	113.0 105.1 145.1
77	108.7 69.6 109.6

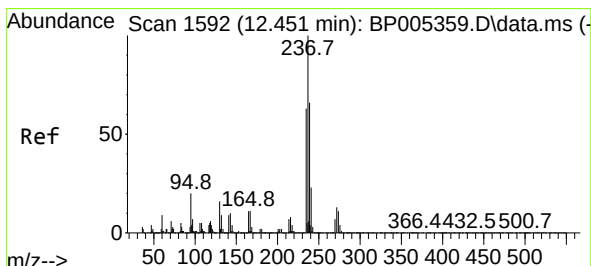
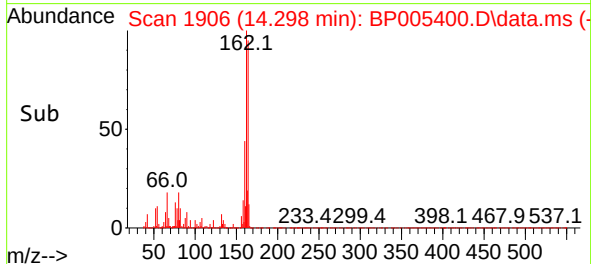
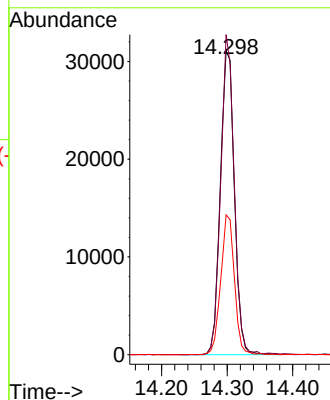
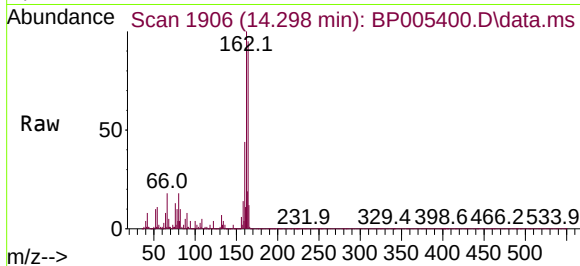




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

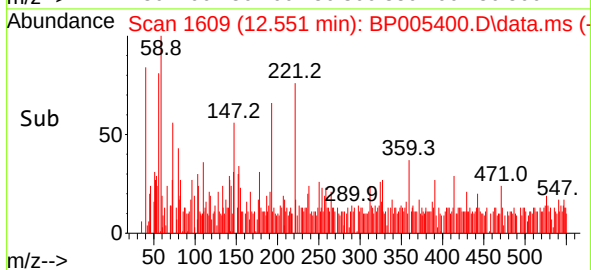
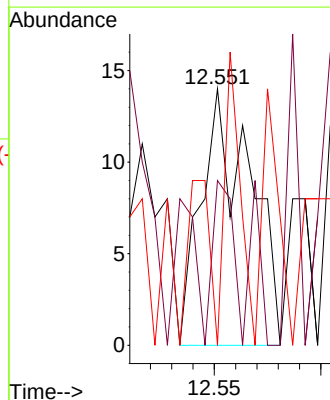
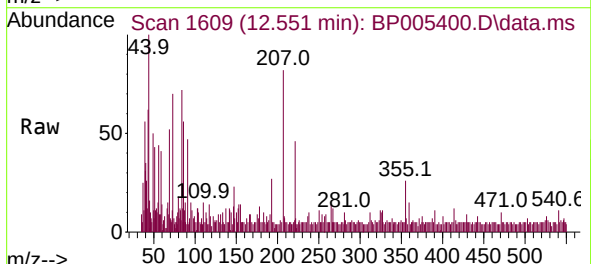
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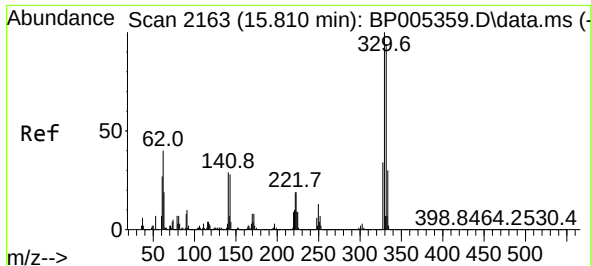
Tgt Ion:	164	Resp:	46042
Ion Ratio	Lower	Upper	
164	100		
162	105.3	73.5	110.3
160	46.0	40.6	61.0



#41
Hexachlorocyclopentadiene
Concen: 6.99 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.100 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:	237	Resp:	23
Ion Ratio	Lower	Upper	
237	100		
235	64.3	40.9	80.9
272	0.0	0.0	34.6

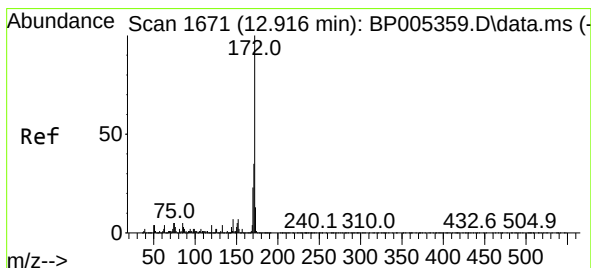
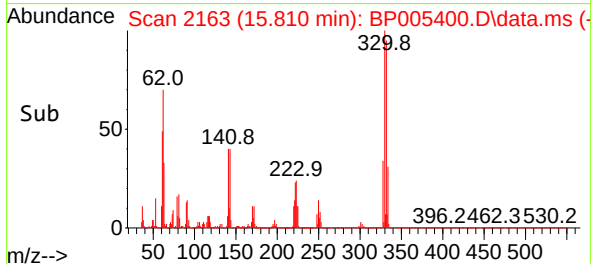
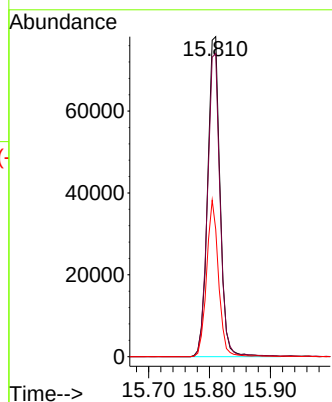
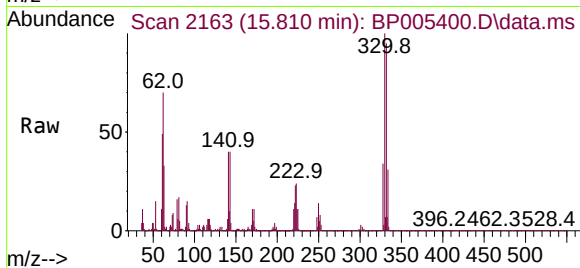




#42
2,4,6-Tribromophenol
Concen: 125.87 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

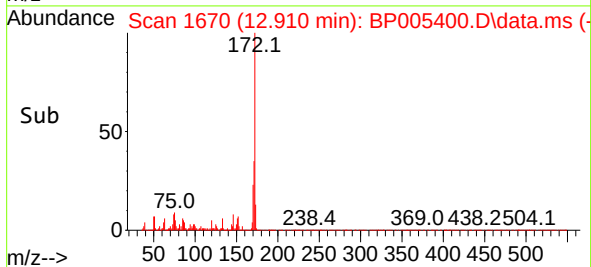
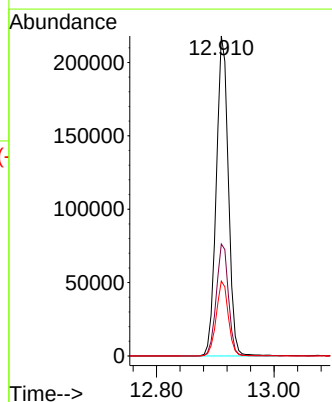
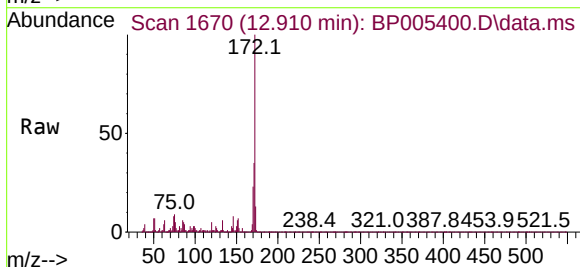
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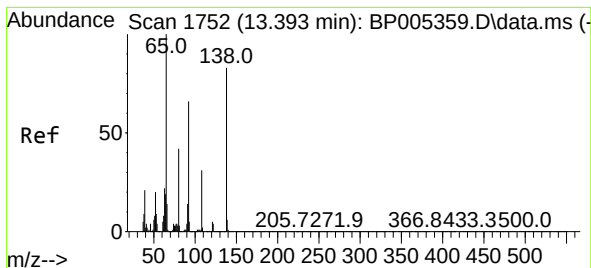
Tgt Ion:330 Resp: 110854
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 46.6 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 87.44 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:172 Resp: 311015
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 19.6 29.4

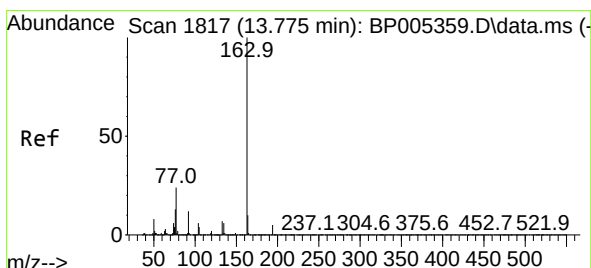
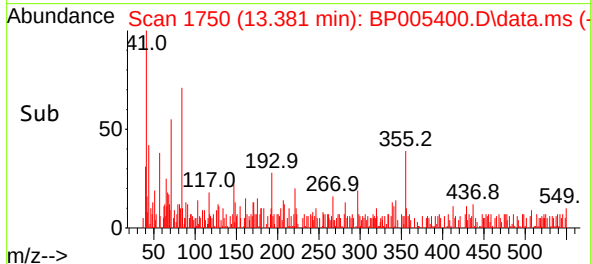
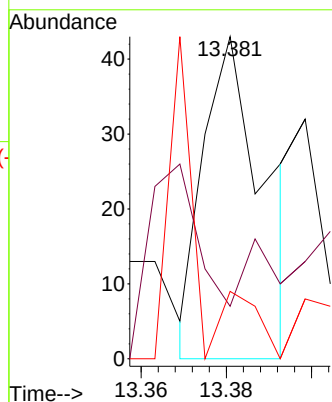
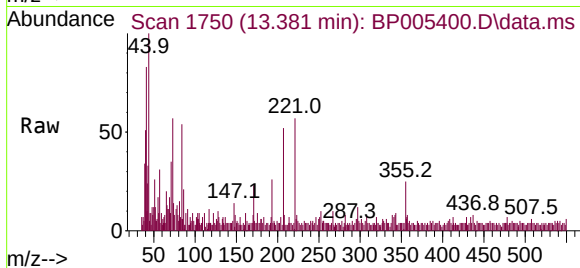




#48
2-Nitroaniline
Concen: 5.49 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

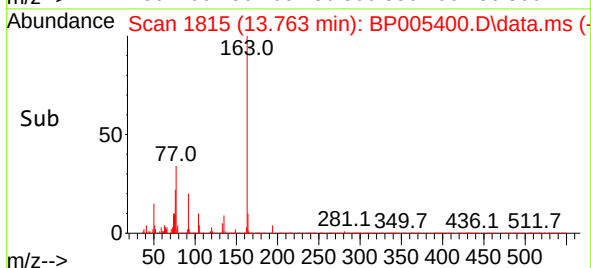
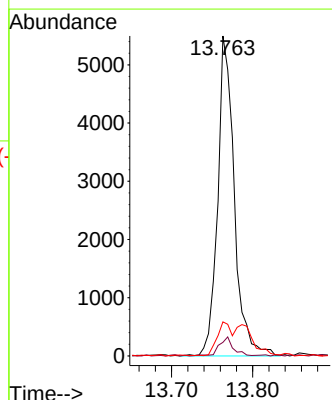
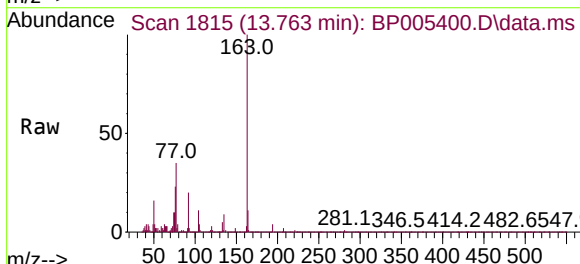
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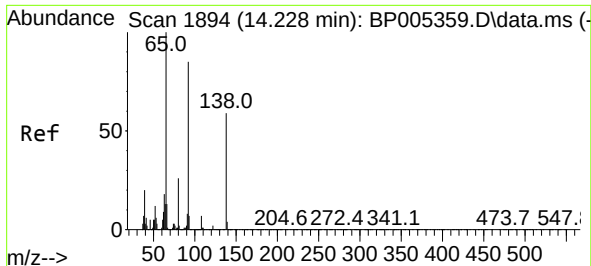
Tgt Ion: 65 Resp: 43
Ion Ratio Lower Upper
65 100
92 16.3 48.8 73.2#
138 20.9 69.5 104.3#



#50
Dimethylphthalate
Concen: 2.34 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion: 163 Resp: 7835
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 10.6 8.1 12.1

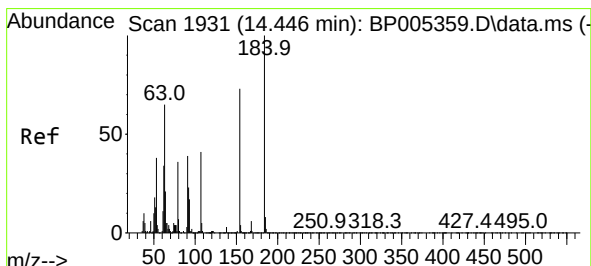
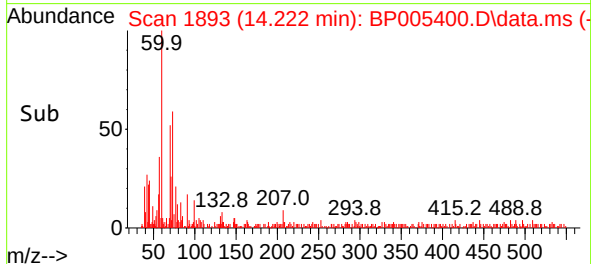
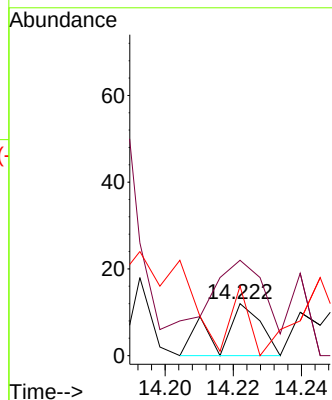
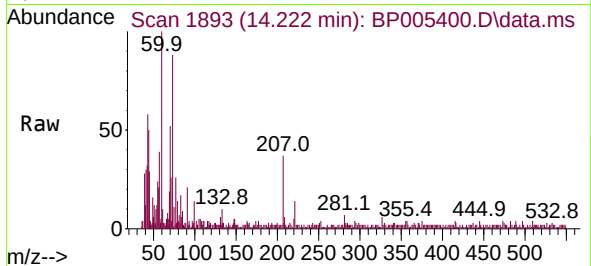




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

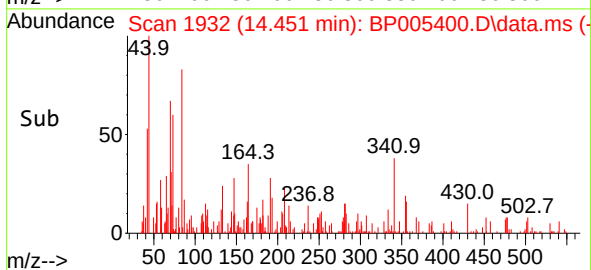
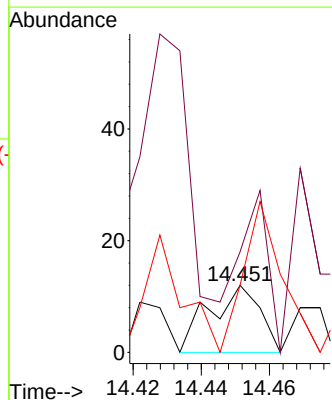
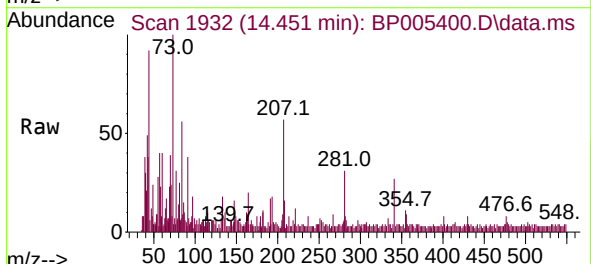
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

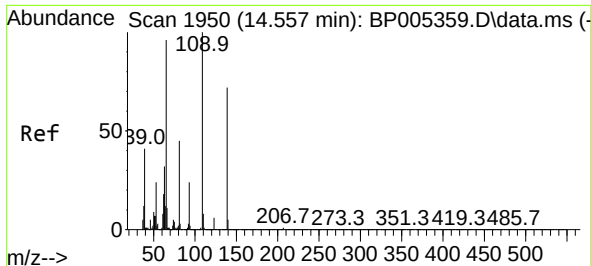
Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
108 183.3 10.2 15.4#
92 133.3 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 7.54 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 150.0 51.2 76.8#
154 100.0 55.8 83.8#

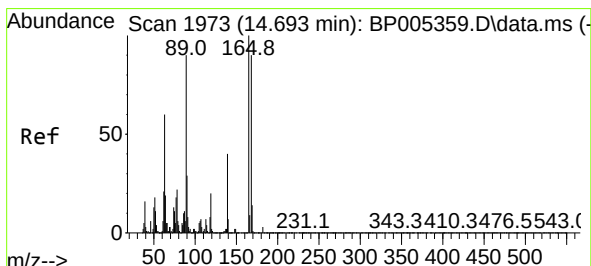
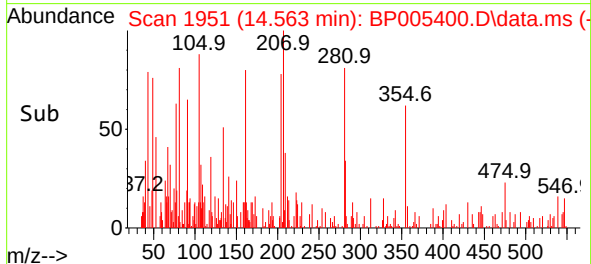
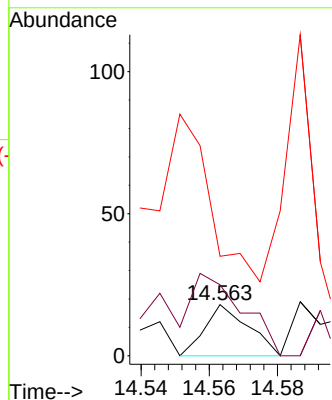
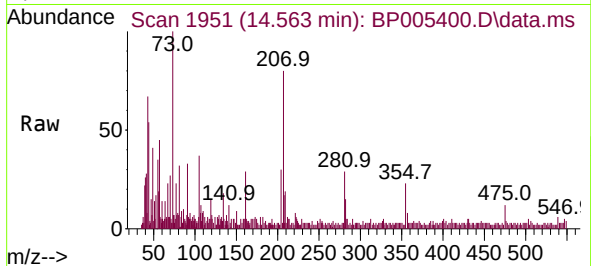




#56
4-Nitrophenol
Concen: 5.33 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

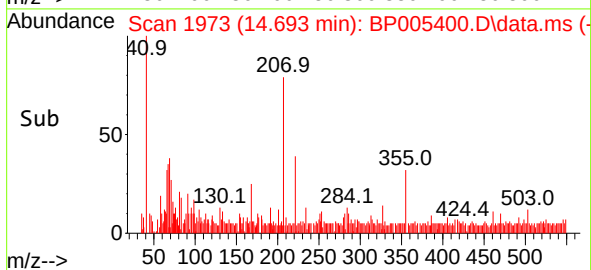
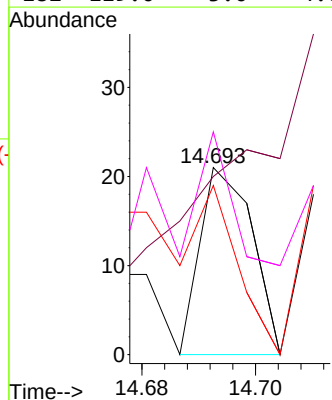
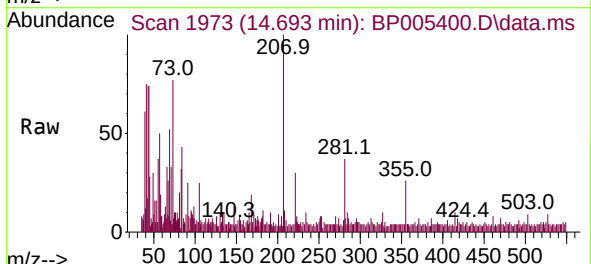
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

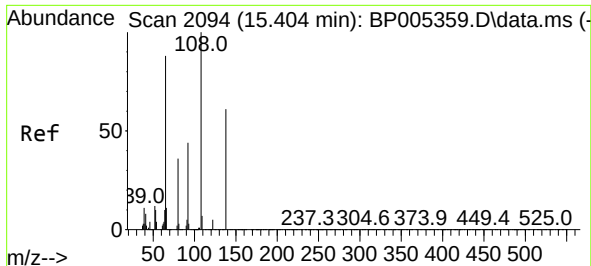
Tgt Ion:	139	Resp:	16
Ion	Ratio	Lower	Upper
139	100		
109	138.9	122.8	162.8
65	194.4	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:	165	Resp:	13
Ion	Ratio	Lower	Upper
165	100		
63	95.2	56.7	85.1#
89	90.5	85.8	128.6
182	119.0	3.0	4.6#

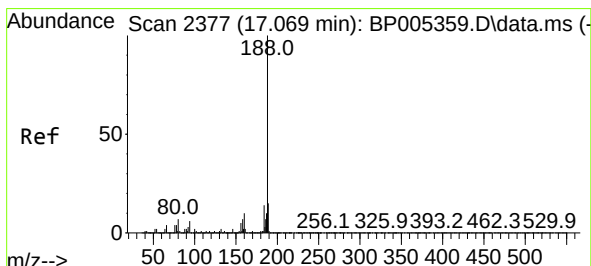
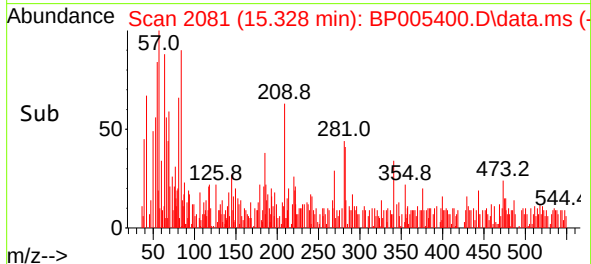
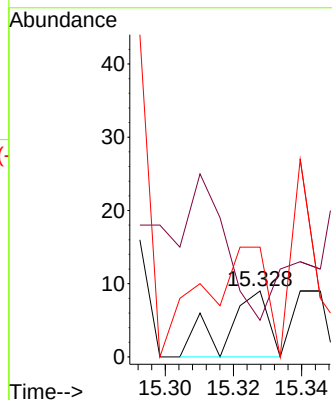
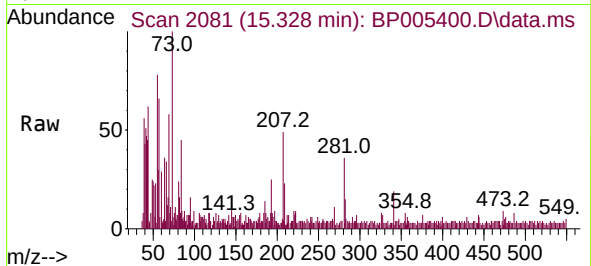




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.328 min Scan# 2081
Delta R.T. -0.076 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

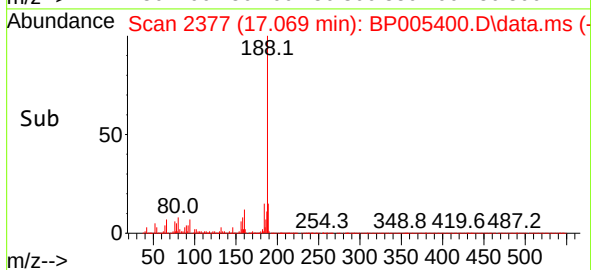
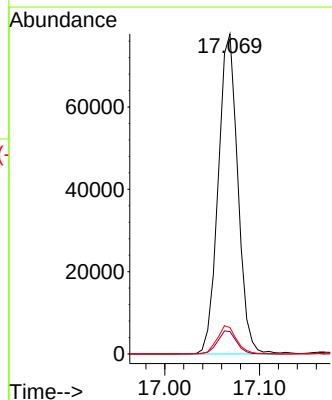
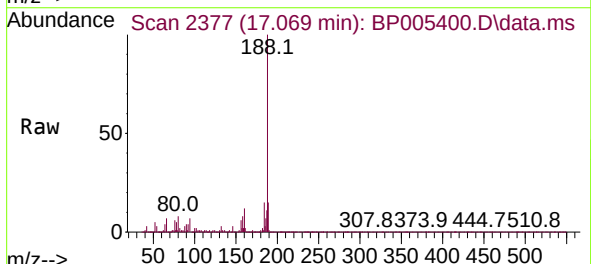
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

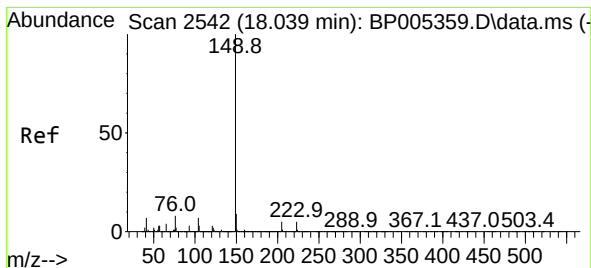
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 55.6 50.9 90.9
108 166.7 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:188 Resp: 111837
Ion Ratio Lower Upper
188 100
94 7.0 5.0 7.6
80 8.3 5.9 8.9

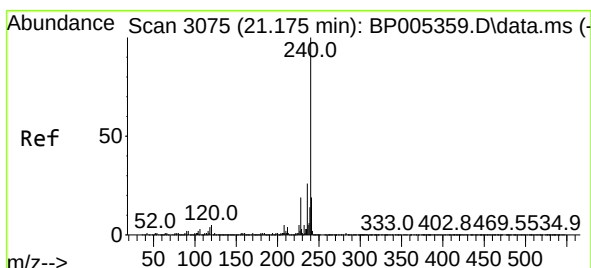
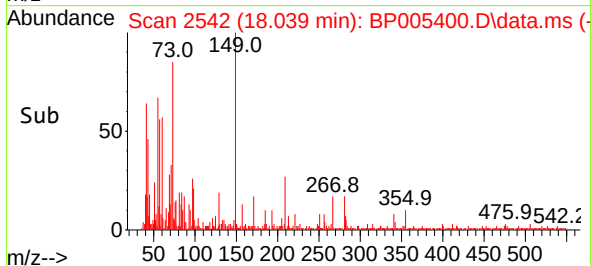
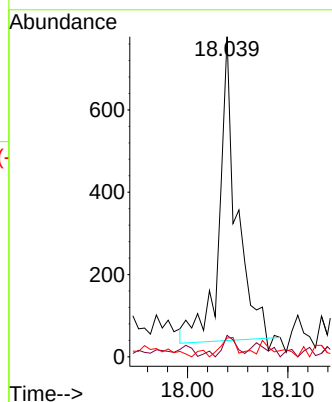
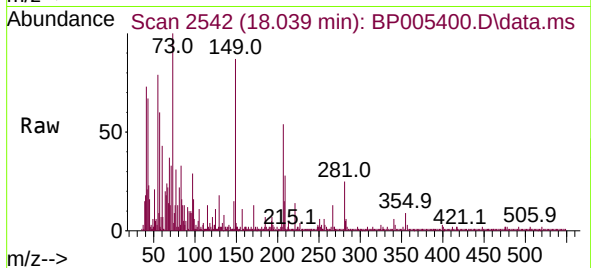




#74
Di-n-butylphthalate
Concen: 4.09 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

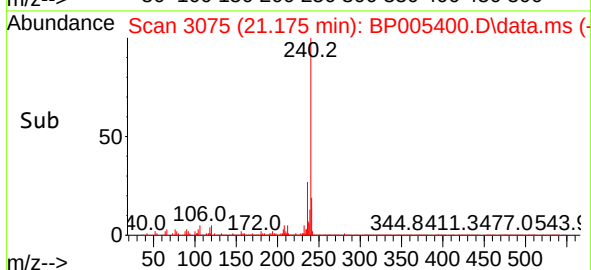
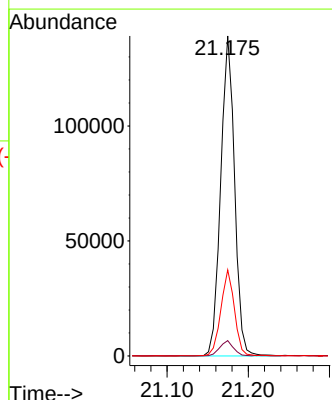
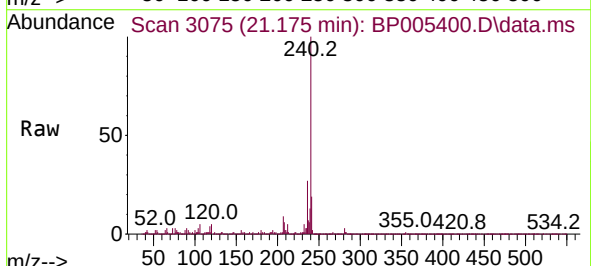
Instrument :
BNA_P
ClientSampleId :
SB-40-9.5-10.0-DUP

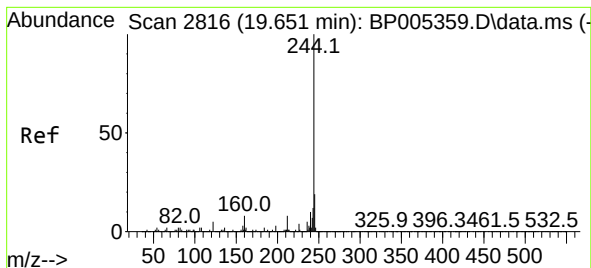
Tgt Ion:	149	Resp:	878
Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.6	11.4
104	5.7	8.9	13.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005400.D
Acq: 23 Apr 2021 18:48

Tgt Ion:	240	Resp:	165643
Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.2	6.2
236	26.9	20.2	30.2





#79

Terphenyl-d14

Concen: 74.89 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP005400.D

Acq: 23 Apr 2021 18:48

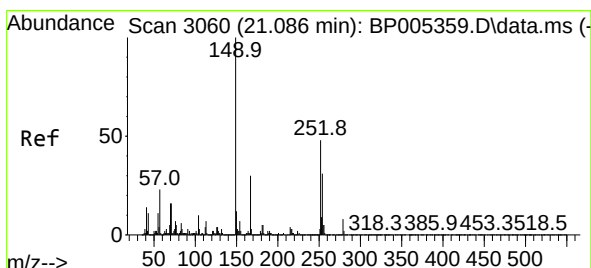
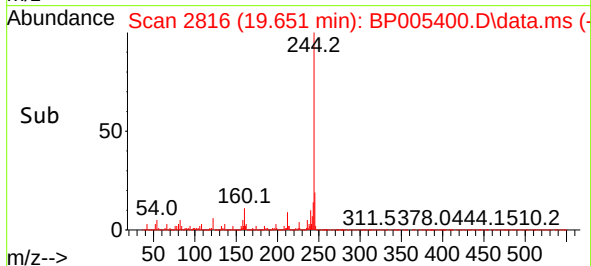
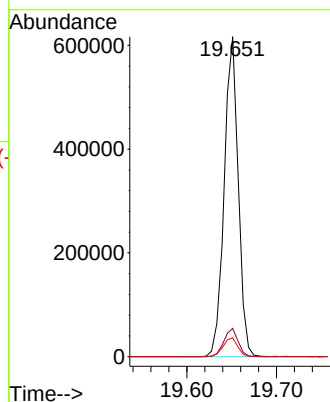
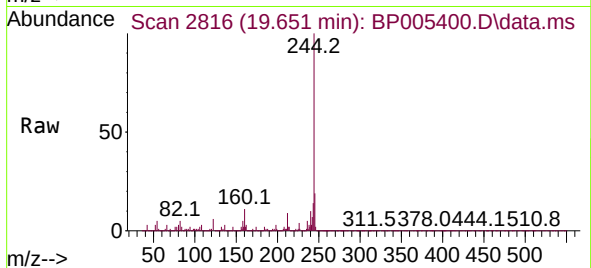
Instrument :

BNA_P

ClientSampleId :

SB-40-9.5-10.0-DUP

Tgt Ion:244	Resp: 669435
Ion Ratio	Lower Upper
244 100	
212 8.9	5.8 8.6#
122 5.9	5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

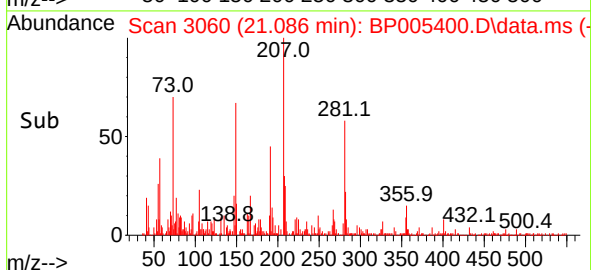
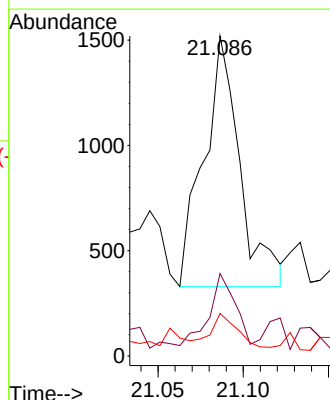
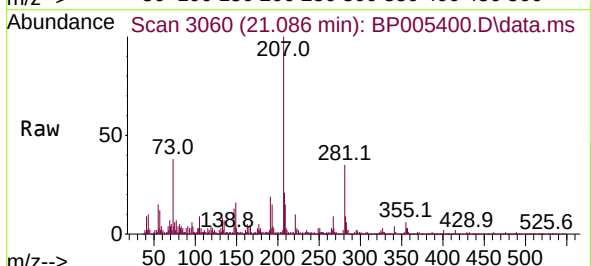
RT: 21.086 min Scan# 3060

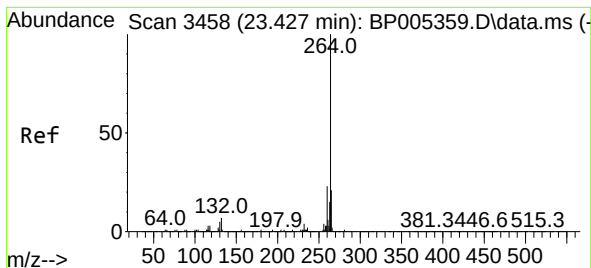
Delta R.T. 0.000 min

Lab File: BP005400.D

Acq: 23 Apr 2021 18:48

Tgt Ion:149	Resp: 1760
Ion Ratio	Lower Upper
149 100	
167 25.7	23.8 35.8
279 13.3	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: BP005400.D
 Acq: 23 Apr 2021 18:48

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

Tgt Ion:264 Resp: 185389

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.6	30.8
265	22.2	19.0	28.6

