

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005367.D
 Acq On : 22 Apr 2021 10:08
 Operator : CG/JU
 Sample : PB135840BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135840BL

Quant Time: Apr 22 12:52:03 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)

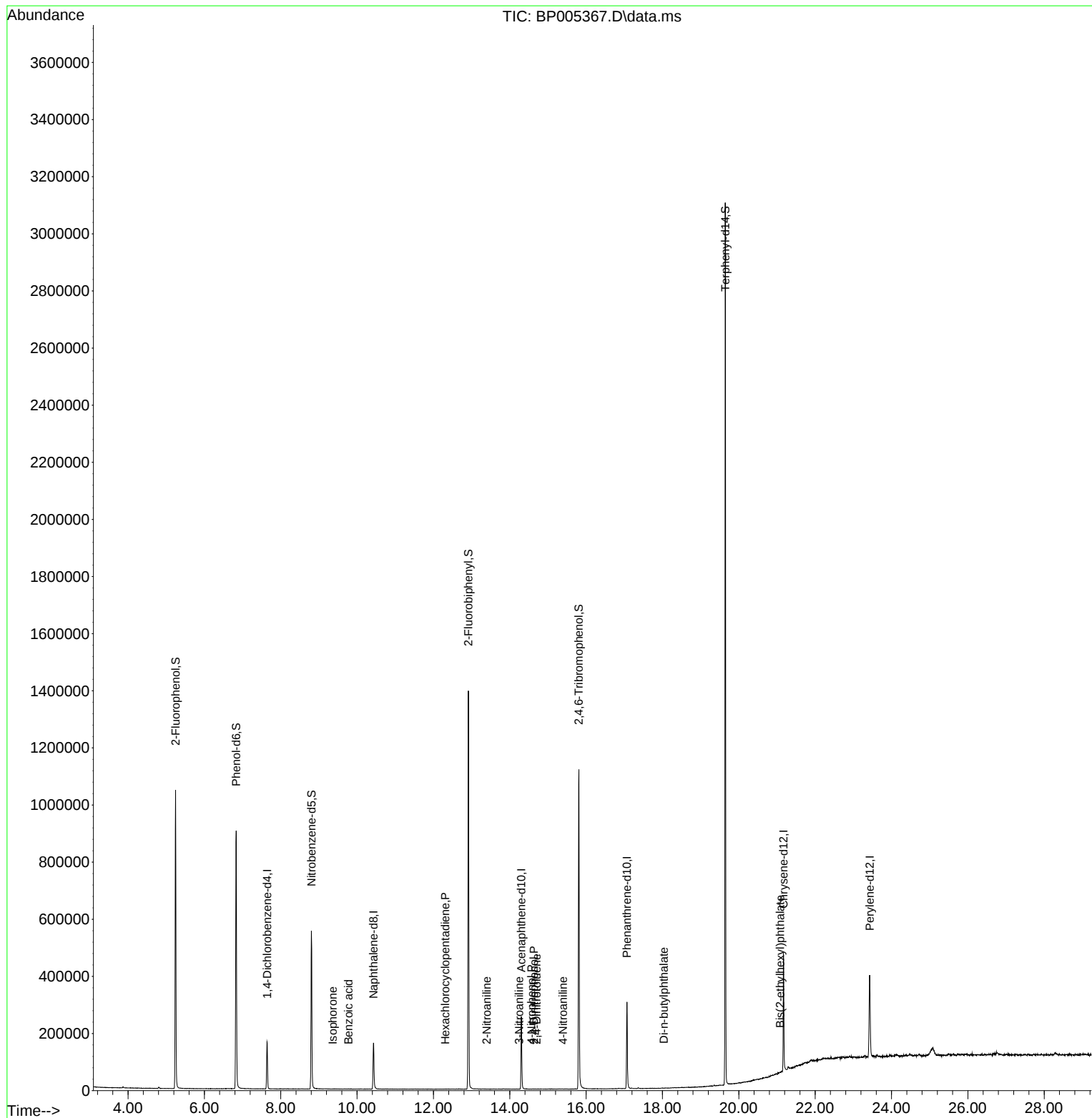
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	35146	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	114169	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	77133	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	182179	20.00	ng	0.00
76) Chrysene-d12	21.169	240	215321	20.00	ng	# 0.00
86) Perylene-d12	23.427	264	224934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	316716	156.54	ng	0.00
7) Phenol-d6	6.834	99	387900	139.15	ng	0.00
23) Nitrobenzene-d5	8.805	82	305748	116.48	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	206063	139.66	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	612419	102.78	ng	0.00
79) Terphenyl-d14	19.645	244	1253780	107.90	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.363	82	21	2.96	ng	# 36
32) Benzoic acid	9.775	122	15	7.75	ng	# 1
41) Hexachlorocyclopentadiene	12.310	237	33	6.98	ng	75
48) 2-Nitroaniline	13.393	65	9	5.45	ng	# 30
53) 3-Nitroaniline	14.245	138	13	2.66	ng	# 68
54) 2,4-Dinitrophenol	14.634	184	8	7.53	ng	93
56) 4-Nitrophenol	14.569	139	9	5.31	ng	# 23
57) 2,4-Dinitrotoluene	14.704	165	14	3.12	ng	# 28
62) 4-Nitroaniline	15.392	138	8	3.82	ng	# 27
74) Di-n-butylphthalate	18.033	149	76	3.95	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.080	149	136	3.00	ng	# 47

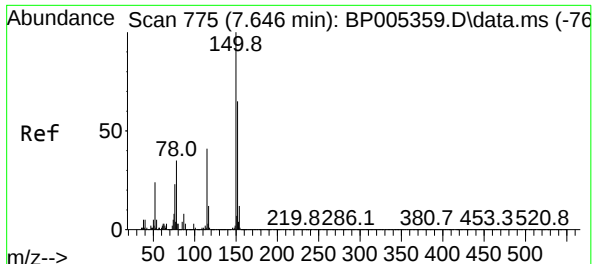
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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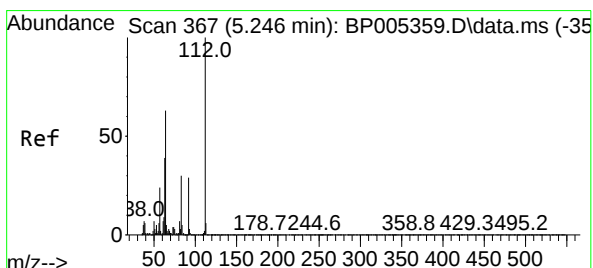
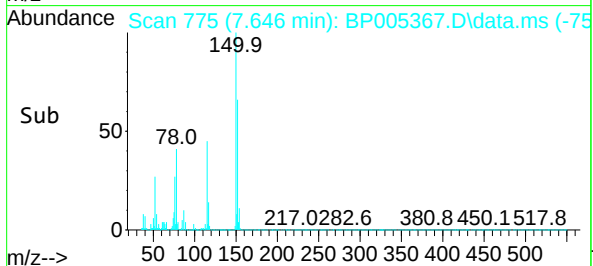
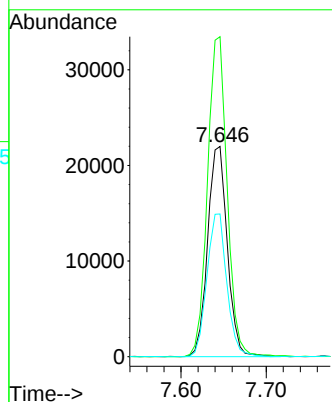
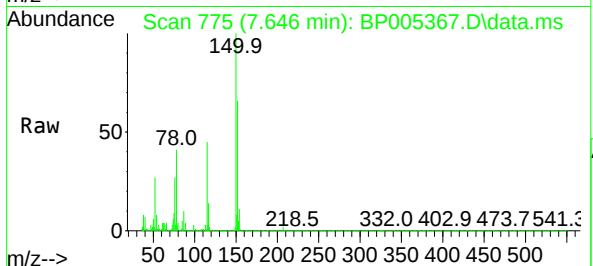




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

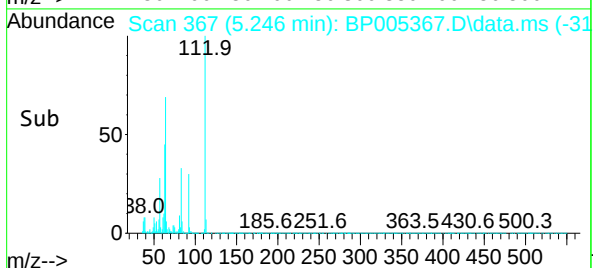
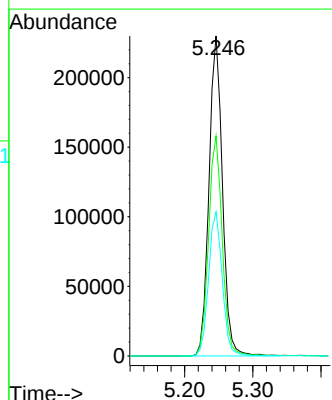
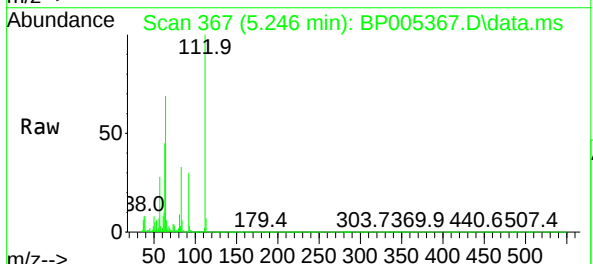
Instrument :
BNA_P
ClientSampleId :
PB135840BL

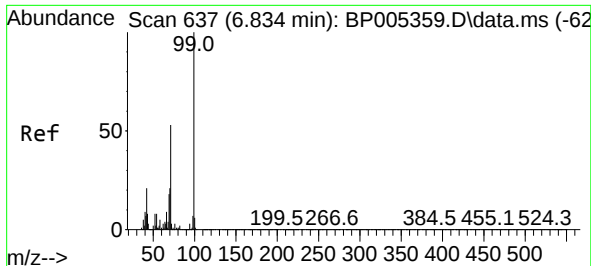
Tgt Ion:152 Resp: 35146
Ion Ratio Lower Upper
152 100
150 152.2 119.8 179.8
115 67.9 49.0 73.4



#5
2-Fluorophenol
Concen: 156.54 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:112 Resp: 316716
Ion Ratio Lower Upper
112 100
64 68.8 33.6 50.4#
63 45.0 18.6 27.8#

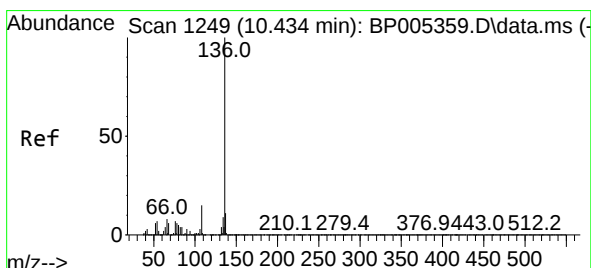
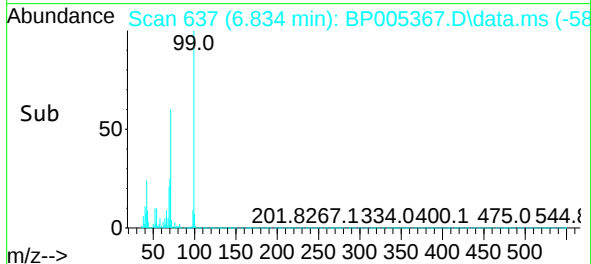
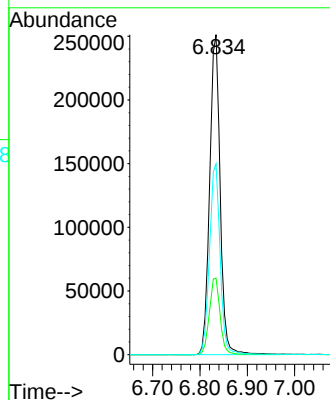
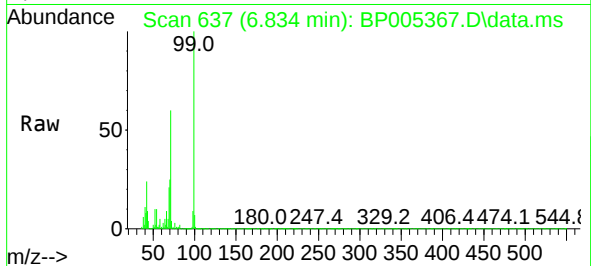




#7
Phenol-d6
Concen: 139.15 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

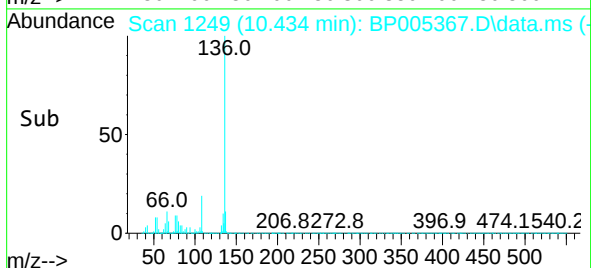
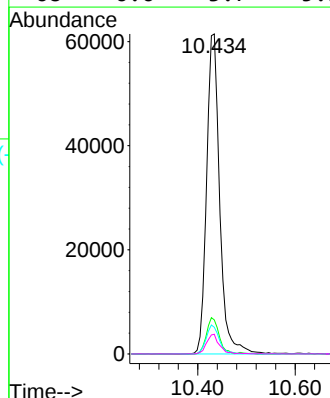
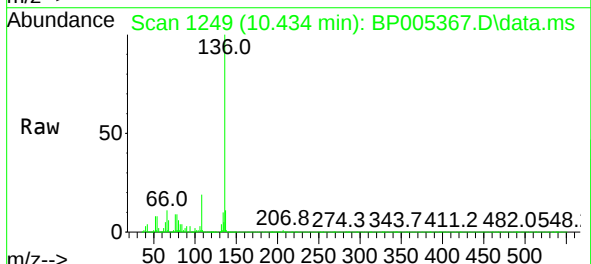
Instrument :
BNA_P
ClientSampleId :
PB135840BL

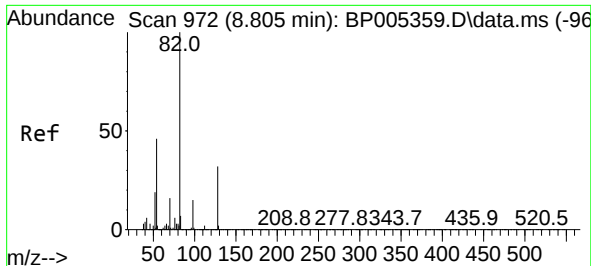
Tgt Ion: 99 Resp: 387900
Ion Ratio Lower Upper
99 100
42 23.9 12.9 19.3#
71 59.6 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion: 136 Resp: 114169
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.3 5.0 7.4#
68 6.6 3.7 5.5#

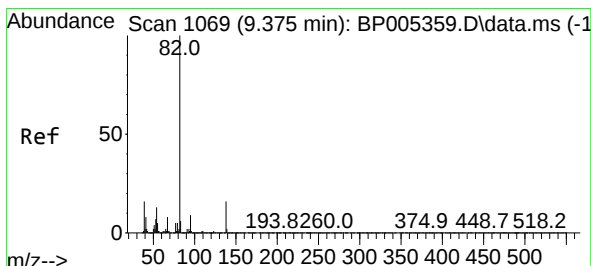
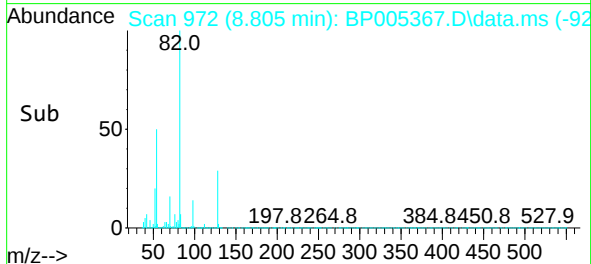
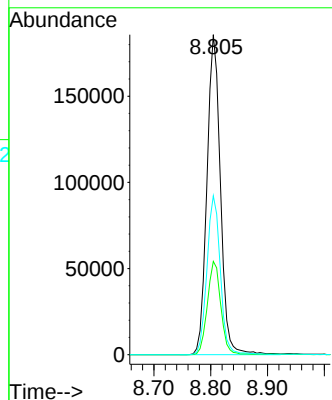
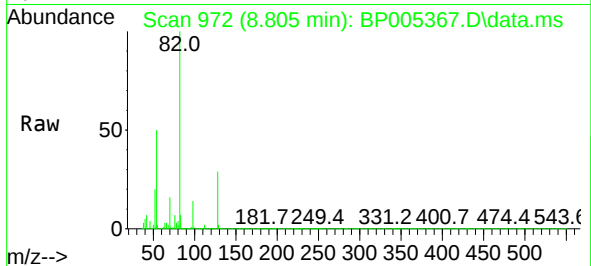




#23
Nitrobenzene-d5
Concen: 116.48 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

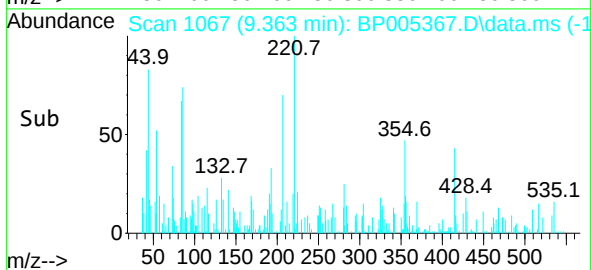
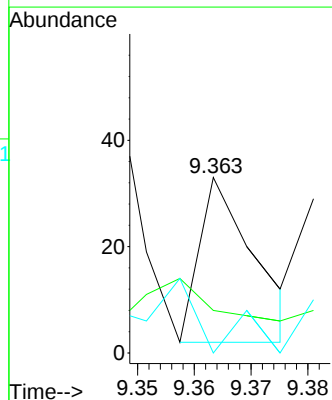
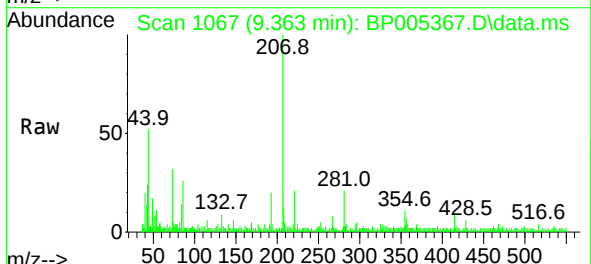
Instrument :
BNA_P
ClientSampleId :
PB135840BL

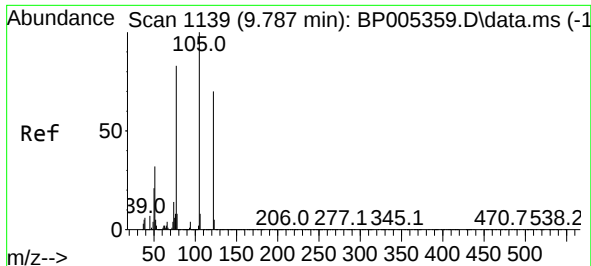
Tgt Ion: 82 Resp: 305748
Ion Ratio Lower Upper
82 100
128 29.1 30.5 45.7#
54 49.7 33.9 50.9



#25
Isophorone
Concen: 2.96 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion: 82 Resp: 21
Ion Ratio Lower Upper
82 100
95 48.5 7.5 11.3#
138 0.0 14.6 22.0#

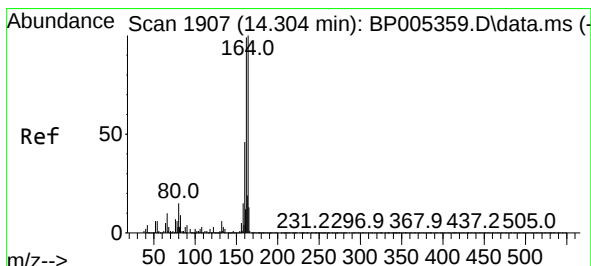
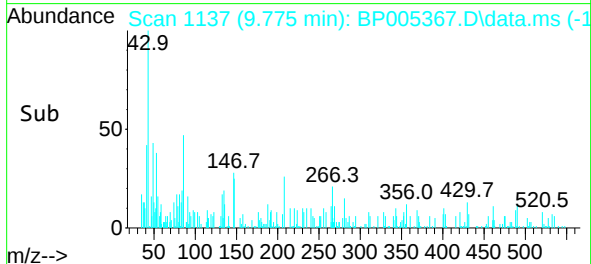
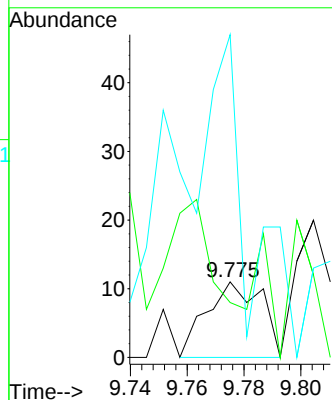
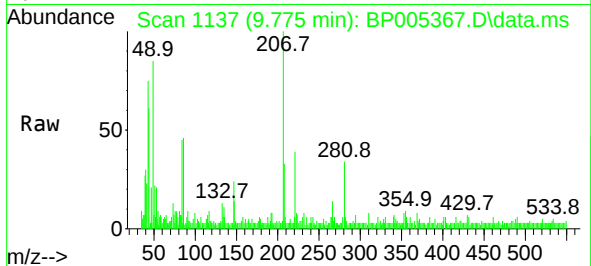




#32
Benzoic acid
Concen: 7.75 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

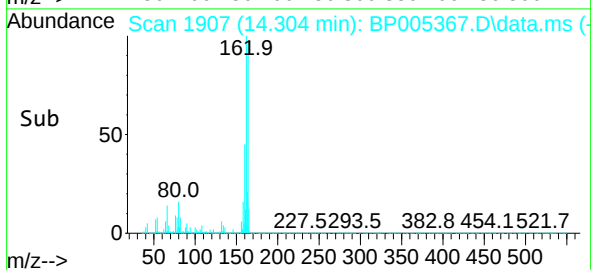
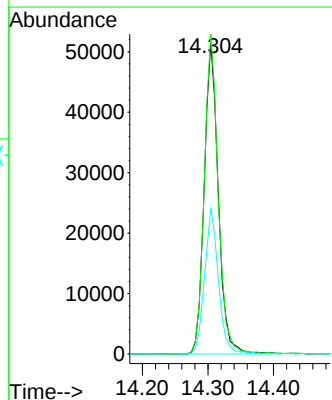
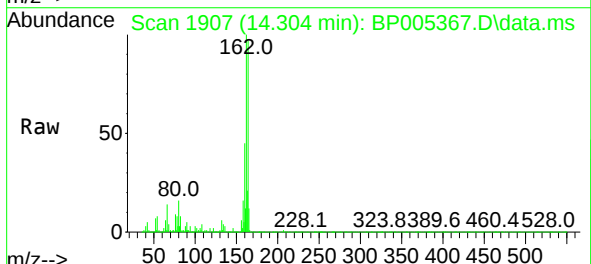
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ClientSampleId :
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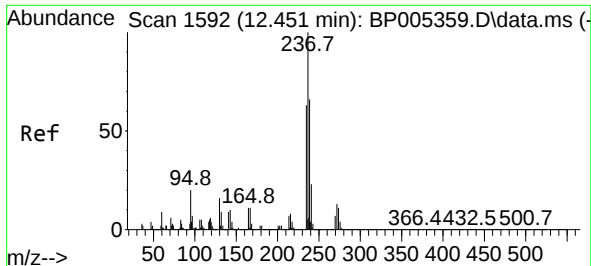
Tgt Ion:122 Resp: 15
Ion Ratio Lower Upper
122 100
105 127.3 105.1 145.1
77 427.3 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:164 Resp: 77133
Ion Ratio Lower Upper
164 100
162 102.9 73.5 110.3
160 46.7 40.6 61.0

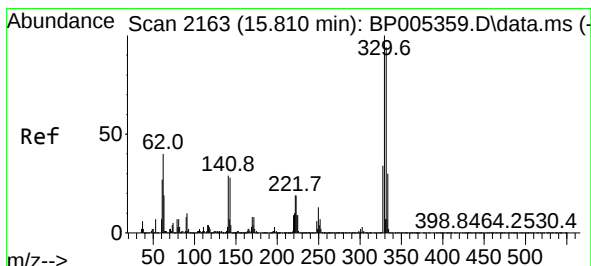
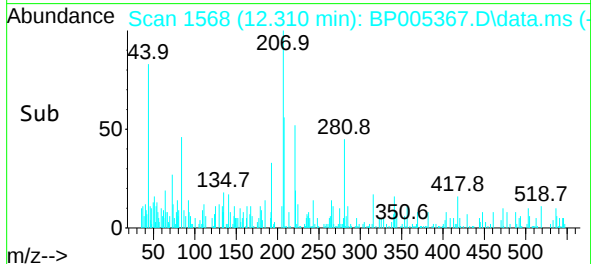
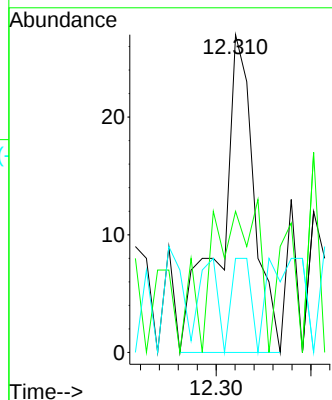
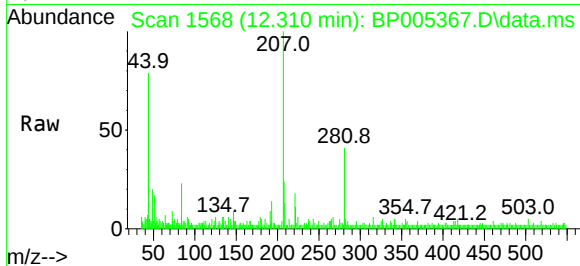




#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.141 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

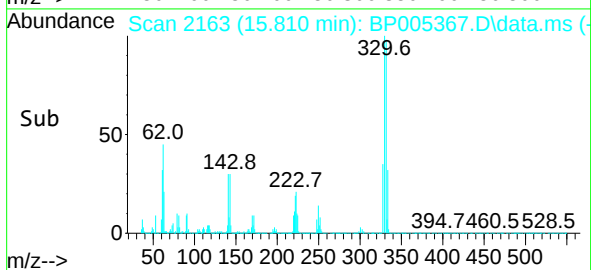
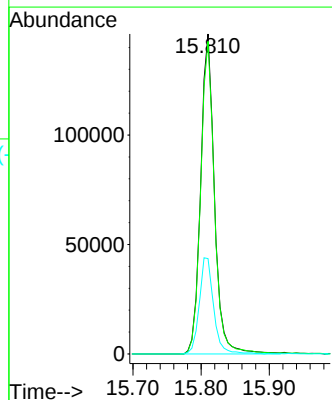
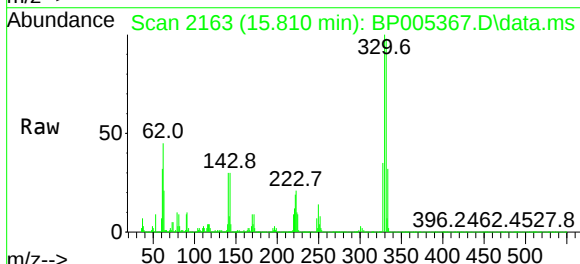
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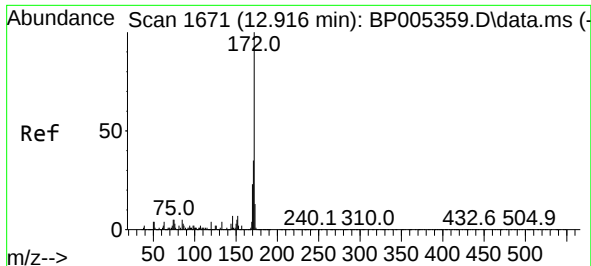
Tgt Ion:237	Resp:	33
Ion Ratio	Lower	Upper
237	100	
235	77.8	40.9 80.9
272	29.6	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 139.66 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:330	Resp:	206063
Ion Ratio	Lower	Upper
330	100	
332	97.5	76.3 114.5
141	31.2	22.8 34.2

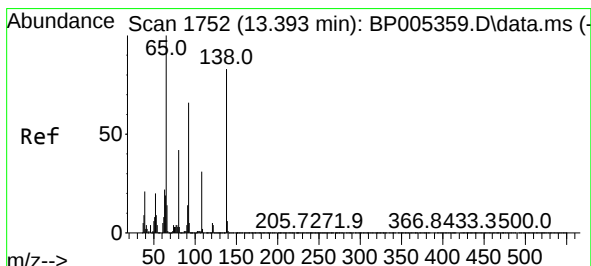
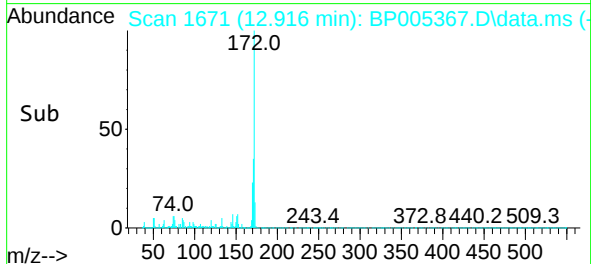
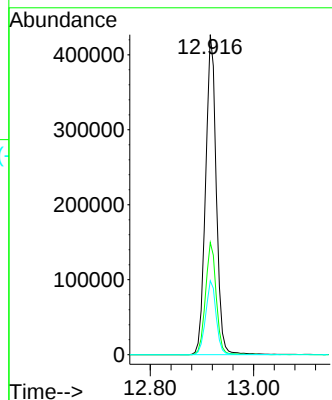
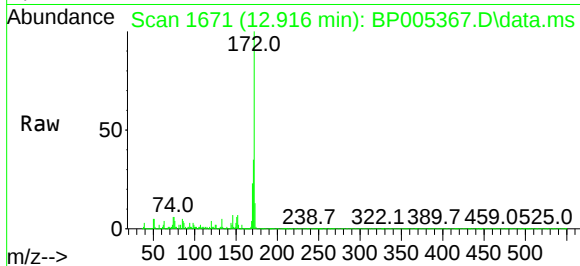




#45
2-Fluorobiphenyl
Concen: 102.78 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

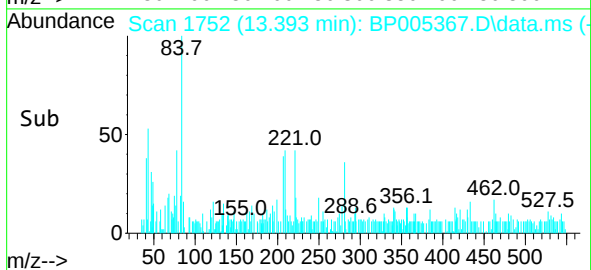
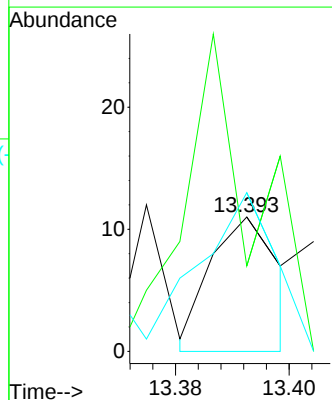
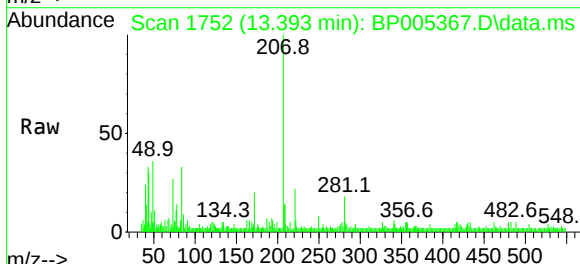
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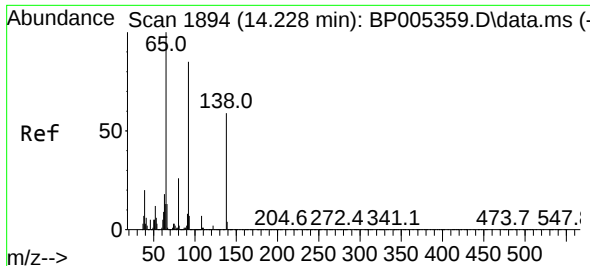
Tgt Ion:	172	Resp:	612419
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.1	19.6	29.4



#48
2-Nitroaniline
Concen: 5.45 ng
RT: 13.393 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:	65	Resp:	9
Ion	Ratio	Lower	Upper
65	100		
92	154.5	48.8	73.2#
138	118.2	69.5	104.3#

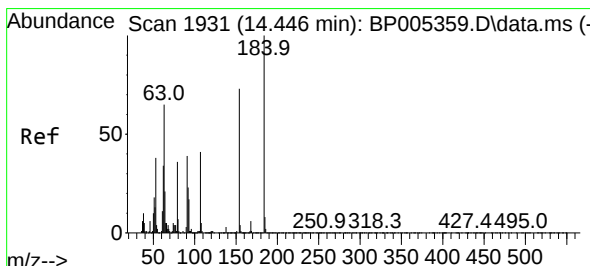
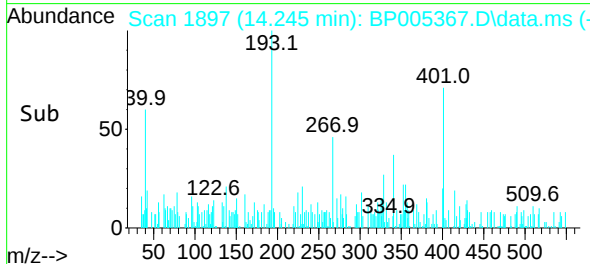
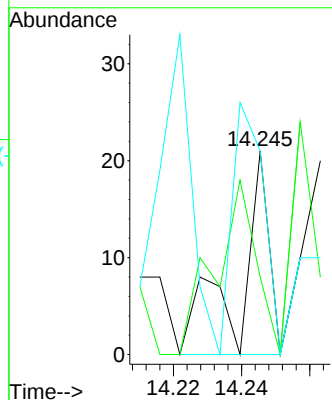
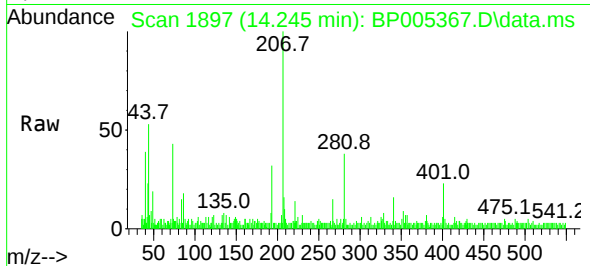




#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.245 min Scan# 1897
Delta R.T. 0.017 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

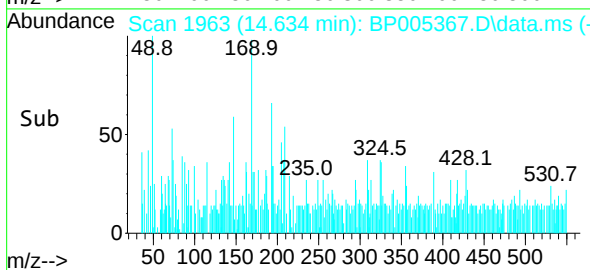
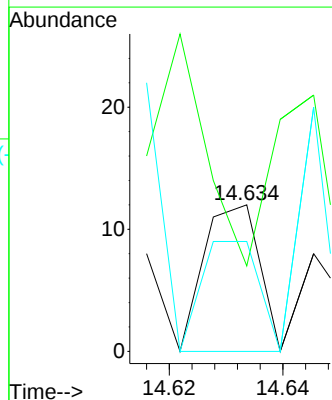
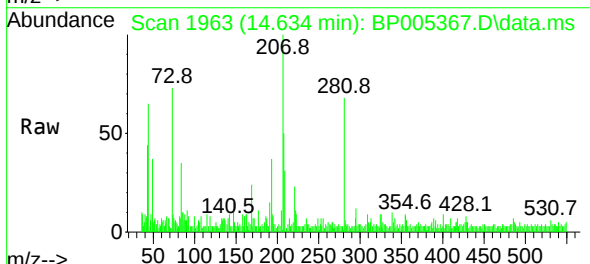
Instrument :
BNA_P
ClientSampleId :
PB135840BL

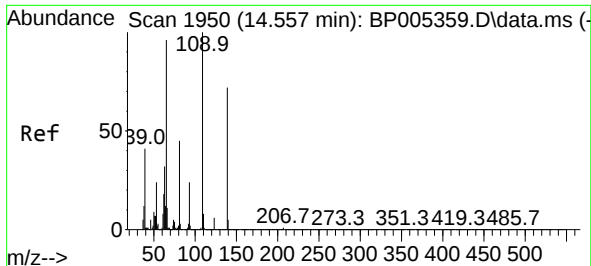
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
108 38.1 10.2 15.4#
92 100.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.188 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 58.3 51.2 76.8
154 75.0 55.8 83.8

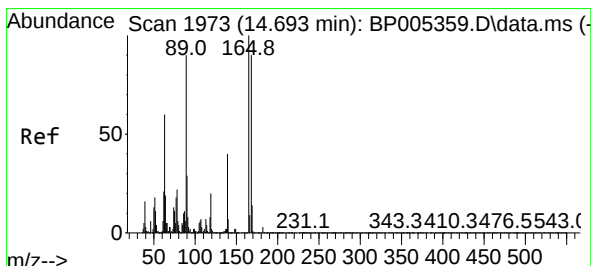
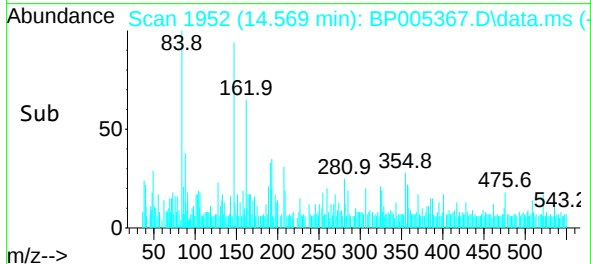
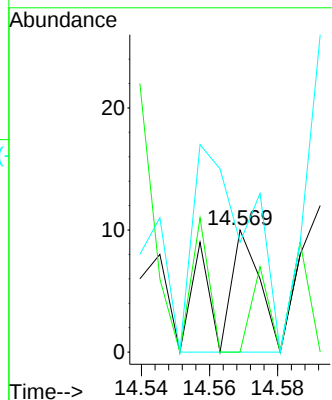
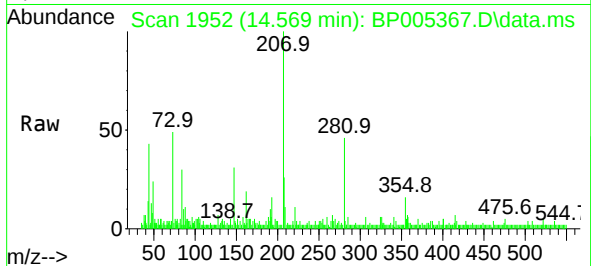




#56
4-Nitrophenol
Concen: 5.31 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

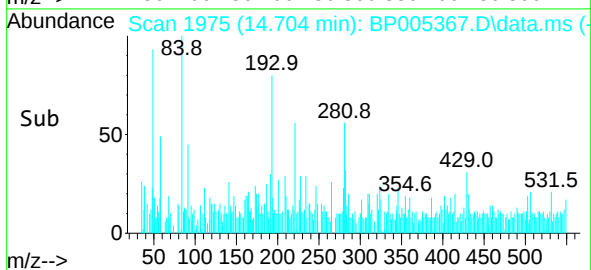
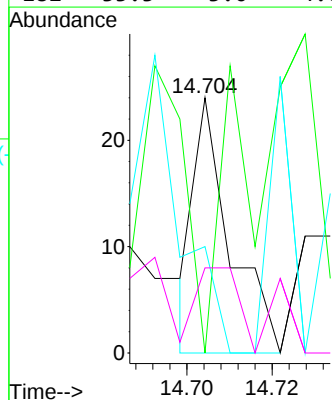
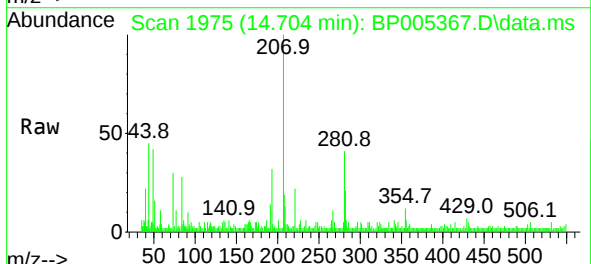
Instrument :
BNA_P
ClientSampleId :
PB135840BL

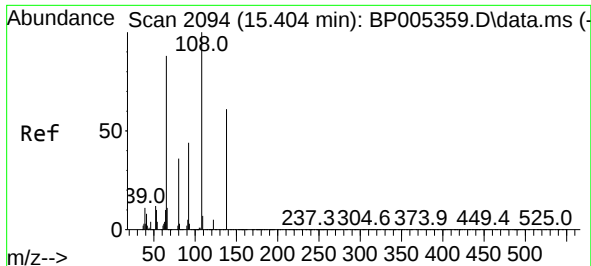
Tgt Ion:	139	Resp:	9
Ion	Ratio	Lower	Upper
139	100		
109	0.0	122.8	162.8#
65	90.0	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.011 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:	165	Resp:	14
Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.7	85.1#
89	41.7	85.8	128.6#
182	33.3	3.0	4.6#

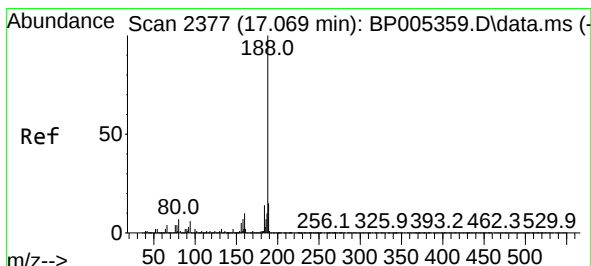
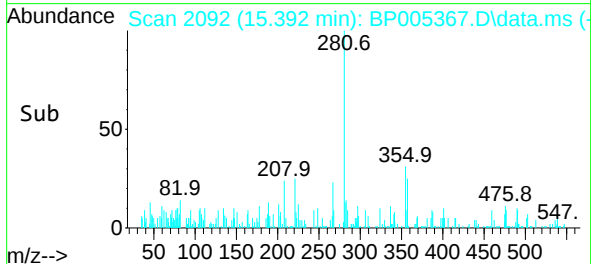
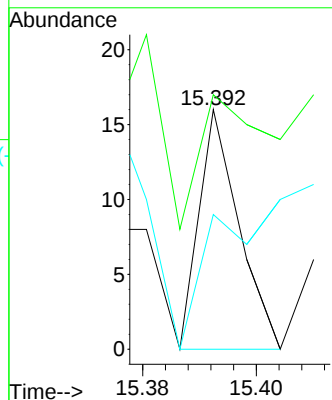
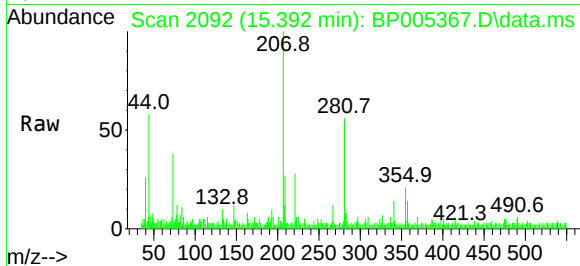




#62
4-Nitroaniline
Concen: 3.82 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

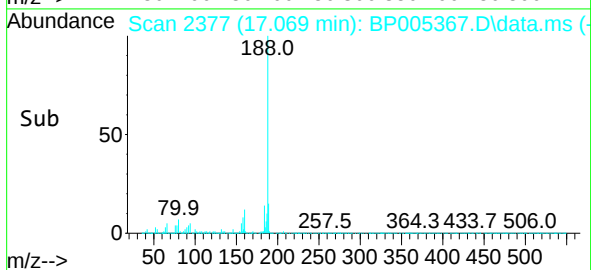
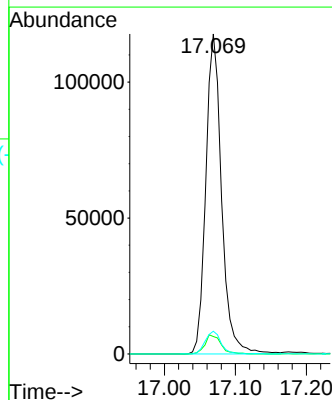
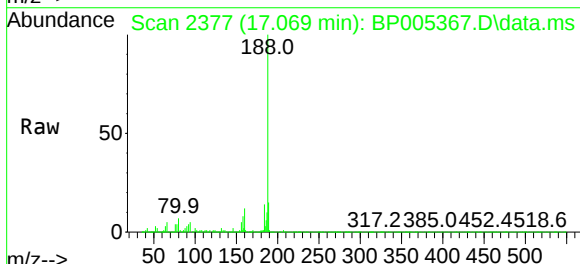
Instrument :
BNA_P
ClientSampleId :
PB135840BL

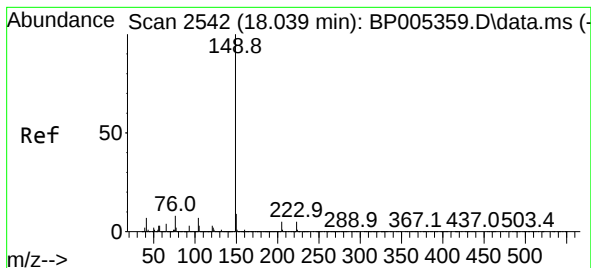
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 106.3 50.9 90.9#
108 56.3 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005367.D
Acq: 22 Apr 2021 10:08

Tgt Ion:188 Resp: 182179
Ion Ratio Lower Upper
188 100
94 5.5 5.0 7.6
80 7.1 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.95 ng

RT: 18.033 min Scan# 2541

Delta R.T. -0.006 min

Lab File: BP005367.D

Acq: 22 Apr 2021 10:08

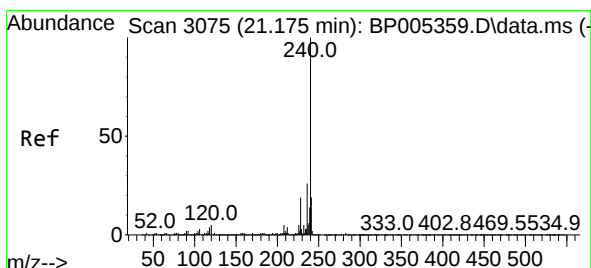
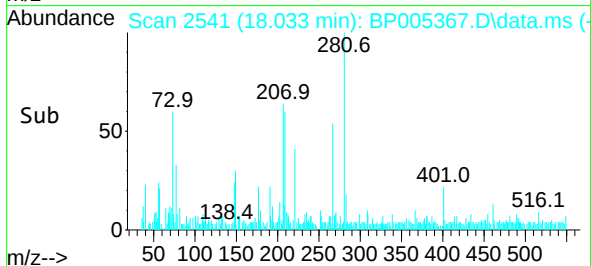
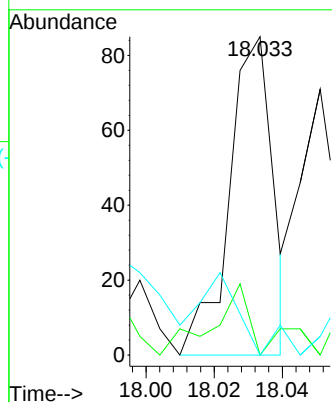
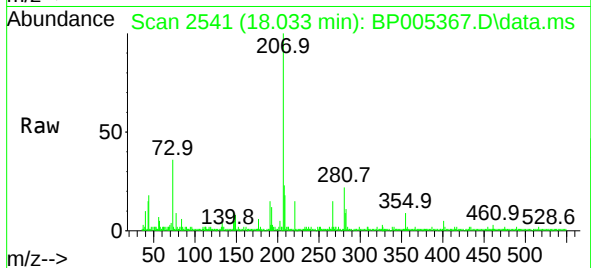
Instrument :

BNA_P

ClientSampleId :

PB135840BL

Tgt Ion:149	Resp:	76
Ion Ratio	Lower	Upper
149	100	
150	0.0	7.6 11.4#
104	15.3	8.9 13.3#



#76

Chrysene-d12

Concen: 20.00 ng

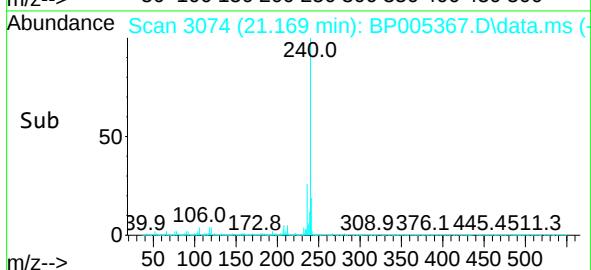
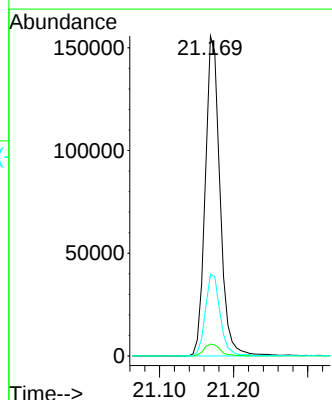
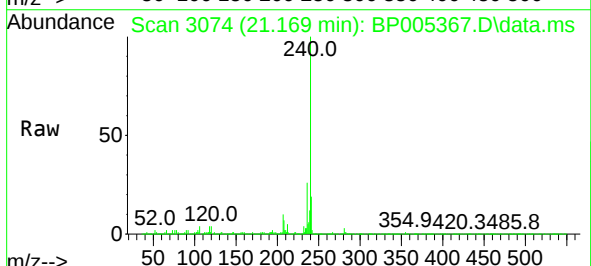
RT: 21.169 min Scan# 3074

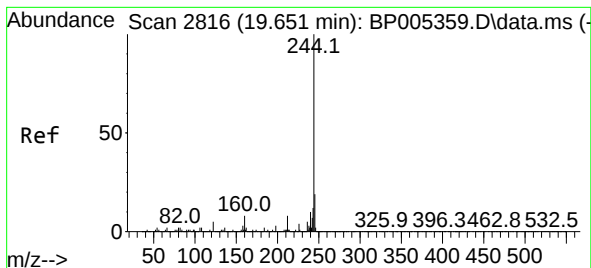
Delta R.T. -0.006 min

Lab File: BP005367.D

Acq: 22 Apr 2021 10:08

Tgt Ion:240	Resp:	215321
Ion Ratio	Lower	Upper
240	100	
120	3.7	4.2 6.2#
236	25.6	20.2 30.2





#79

Terphenyl-d14

Concen: 107.90 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005367.D

Acq: 22 Apr 2021 10:08

Instrument :

BNA_P

ClientSampleId :

PB135840BL

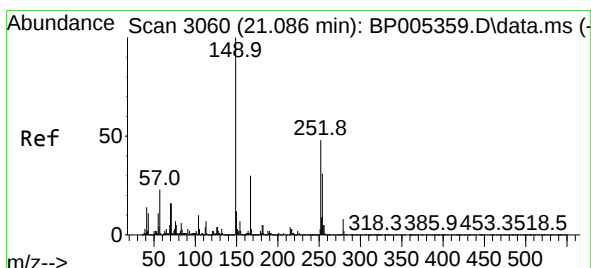
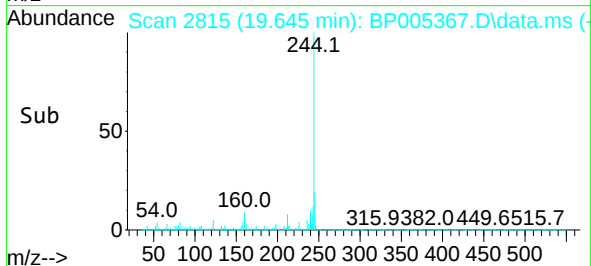
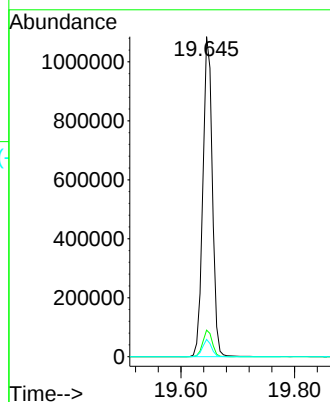
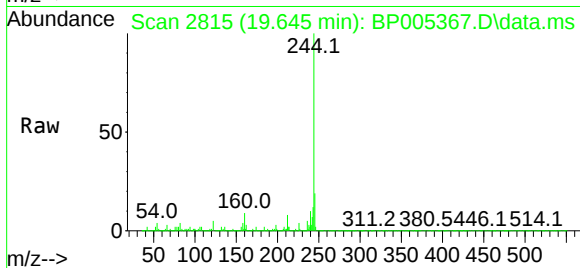
Tgt Ion:244 Resp: 1253780

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

122 5.4 5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.00 ng

RT: 21.080 min Scan# 3059

Delta R.T. -0.006 min

Lab File: BP005367.D

Acq: 22 Apr 2021 10:08

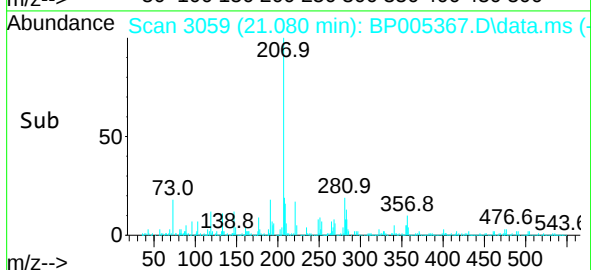
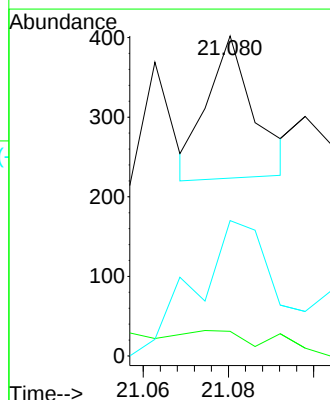
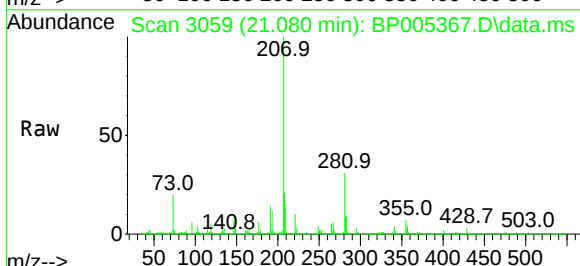
Tgt Ion:149 Resp: 136

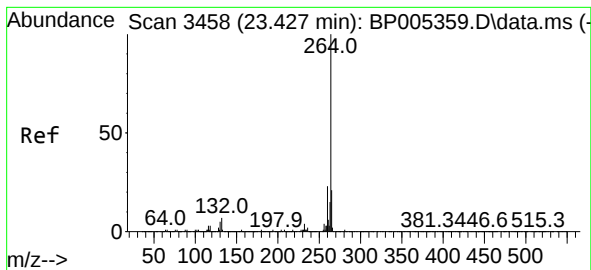
Ion Ratio Lower Upper

149 100

167 7.7 23.8 35.8#

279 42.3 5.7 8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.427 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: BP005367.D
 Acq: 22 Apr 2021 10:08

Instrument :
 BNA_P
 ClientSampleId :
 PB135840BL

Tgt Ion:264 Resp: 224934
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.6 30.8
 265 22.5 19.0 28.6

