

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005388.D
 Acq On : 23 Apr 2021 11:52
 Operator : CG/JU
 Sample : PB135921BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135921BL

Quant Time: Apr 23 12:35:03 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)

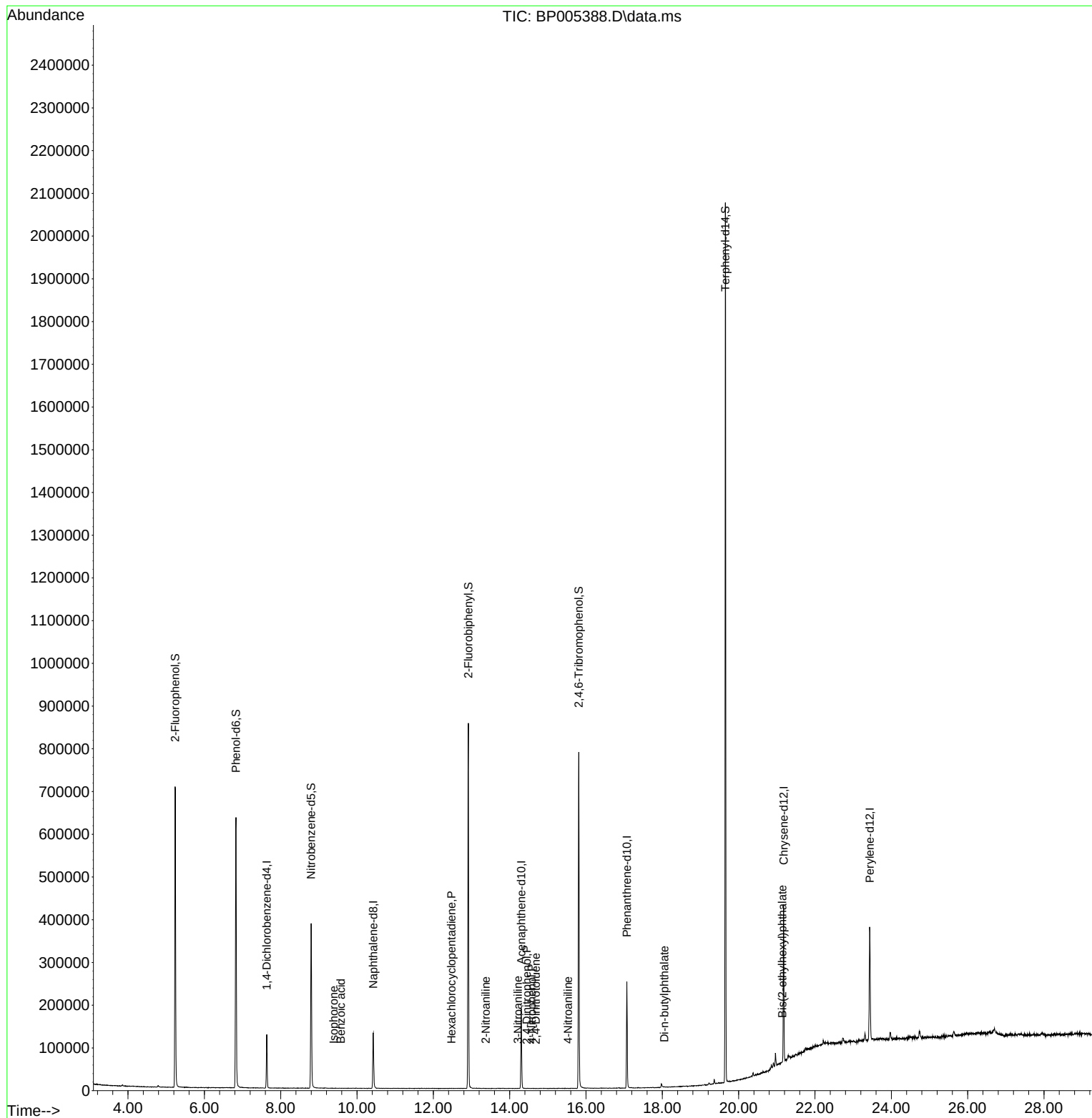
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	23537	20.00	ng	-0.01
21) Naphthalene-d8	10.428	136	80728	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	53420	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	128817	20.00	ng	0.00
76) Chrysene-d12	21.180	240	163964	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	180345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	203973	150.54	ng	-0.01
7) Phenol-d6	6.828	99	256938	137.63	ng	0.00
23) Nitrobenzene-d5	8.799	82	210729	113.53	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	110368	108.01	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	343635	83.27	ng	0.00
79) Terphenyl-d14	19.651	244	770135	87.04	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.393	82	94	2.98	ng	# 90
32) Benzoic acid	9.575	122	9	7.75	ng	86
41) Hexachlorocyclopentadiene	12.475	237	6	6.97	ng	78
48) 2-Nitroaniline	13.375	65	21	5.46	ng	# 30
53) 3-Nitroaniline	14.216	138	6	2.66	ng	# 57
54) 2,4-Dinitrophenol	14.445	184	12	7.54	ng	# 1
56) 4-Nitrophenol	14.581	139	14	5.32	ng	# 49
57) 2,4-Dinitrotoluene	14.686	165	25	3.13	ng	# 39
62) 4-Nitroaniline	15.528	138	7	3.82	ng	91
74) Di-n-butylphthalate	18.051	149	281	3.99	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.145	149	288	3.05	ng	# 51

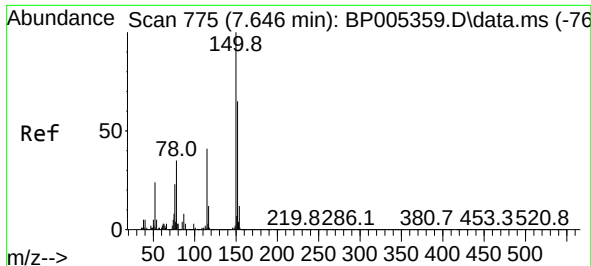
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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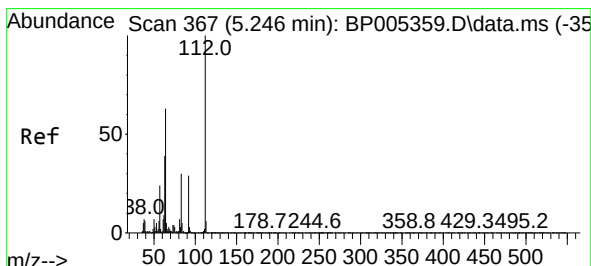
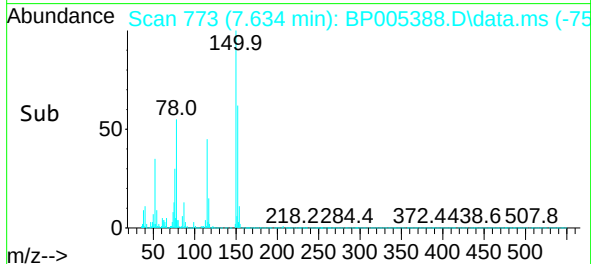
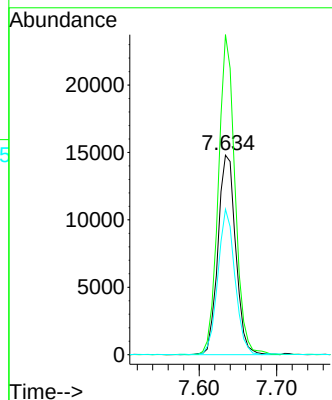
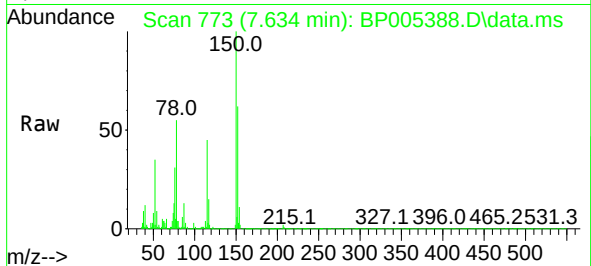




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

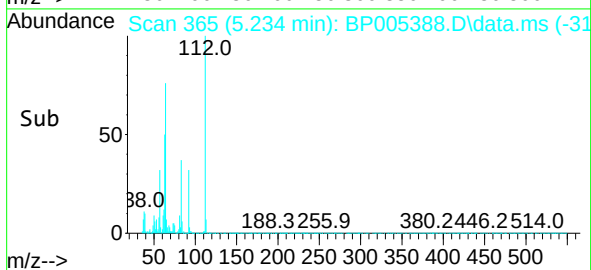
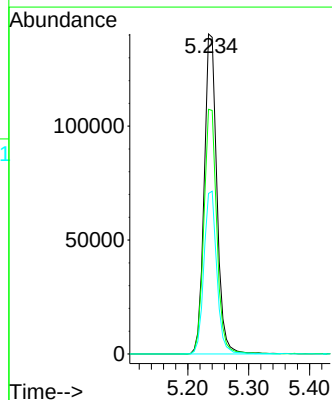
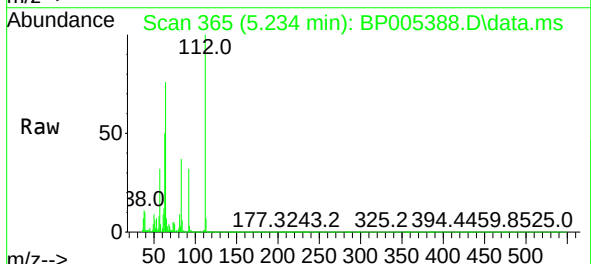
Instrument :
BNA_P
ClientSampleId :
PB135921BL

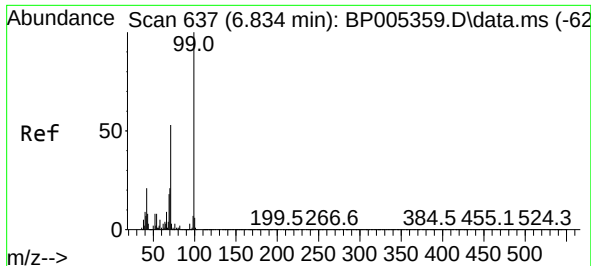
Tgt Ion:152 Resp: 23537
Ion Ratio Lower Upper
152 100
150 160.3 119.8 179.8
115 72.9 49.0 73.4



#5
2-Fluorophenol
Concen: 150.54 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:112 Resp: 203973
Ion Ratio Lower Upper
112 100
64 76.5 33.6 50.4#
63 50.1 18.6 27.8#

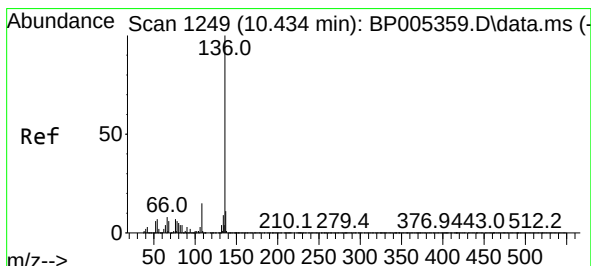
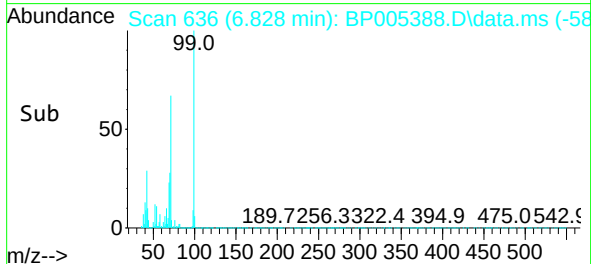
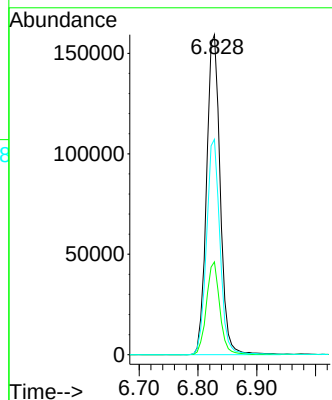
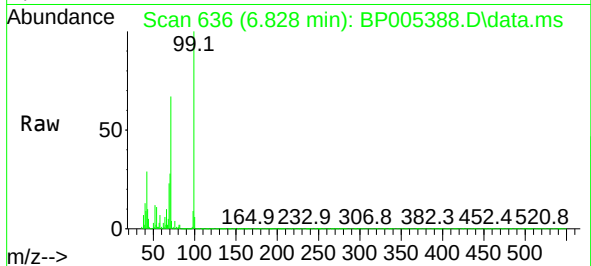




#7
Phenol-d6
Concen: 137.63 ng
RT: 6.828 min Scan# 636
Delta R.T. -0.006 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

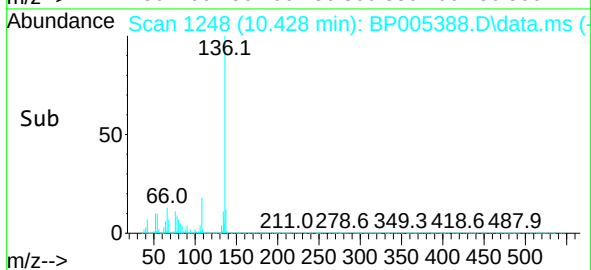
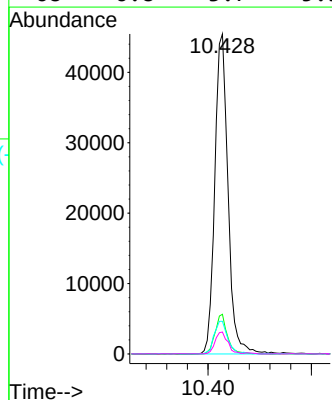
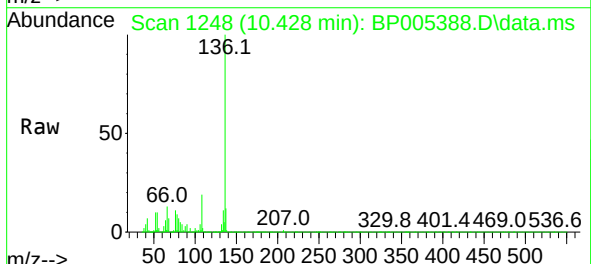
Instrument :
BNA_P
ClientSampleId :
PB135921BL

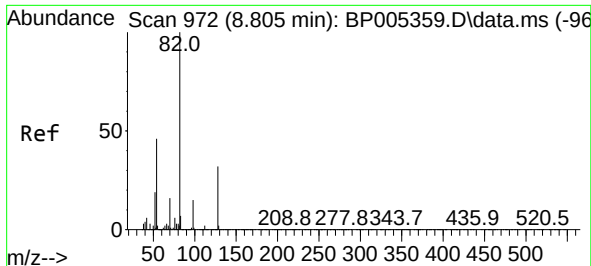
Tgt Ion: 99 Resp: 256938
Ion Ratio Lower Upper
99 100
42 29.0 12.9 19.3#
71 67.3 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 136 Resp: 80728
Ion Ratio Lower Upper
136 100
137 12.4 8.9 13.3
54 10.2 5.0 7.4#
68 6.8 3.7 5.5#

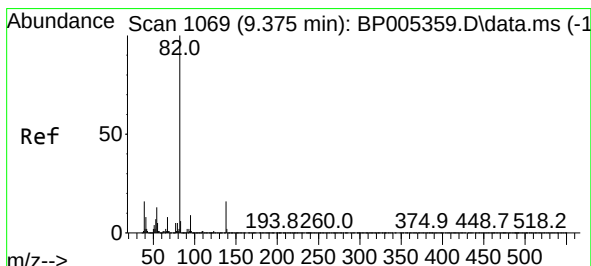
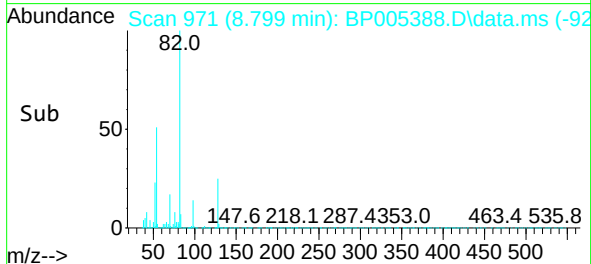
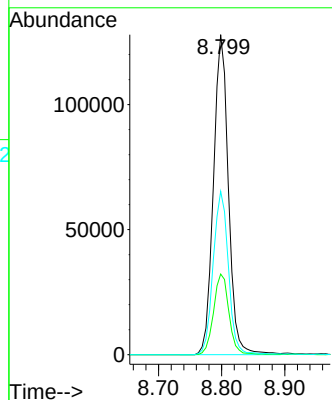
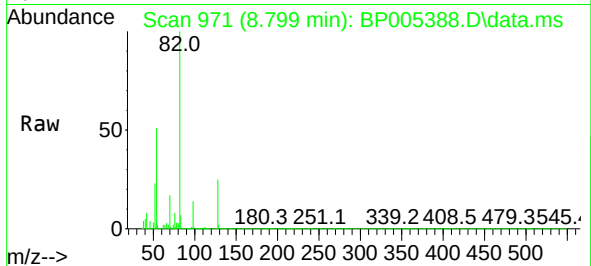




#23
Nitrobenzene-d5
Concen: 113.53 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

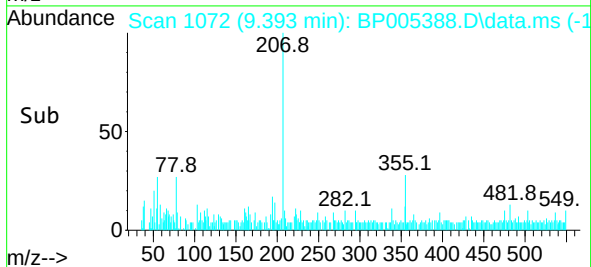
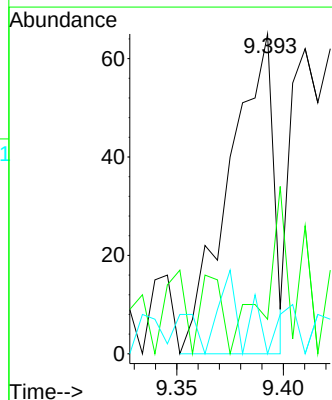
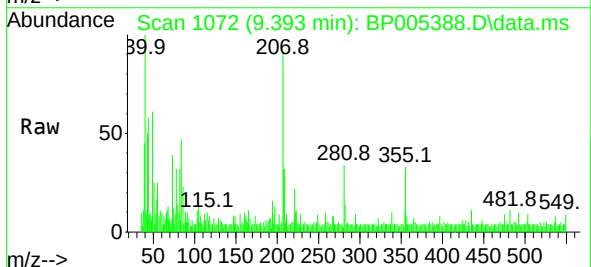
Instrument :
BNA_P
ClientSampleId :
PB135921BL

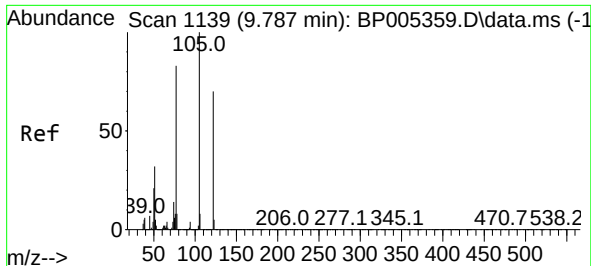
Tgt Ion: 82 Resp: 210729
Ion Ratio Lower Upper
82 100
128 25.2 30.5 45.7#
54 51.1 33.9 50.9#



#25
Isophorone
Concen: 2.98 ng
RT: 9.393 min Scan# 1072
Delta R.T. 0.018 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion: 82 Resp: 94
Ion Ratio Lower Upper
82 100
95 10.8 7.5 11.3
138 12.3 14.6 22.0#

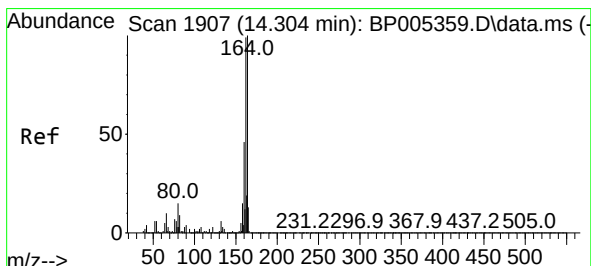
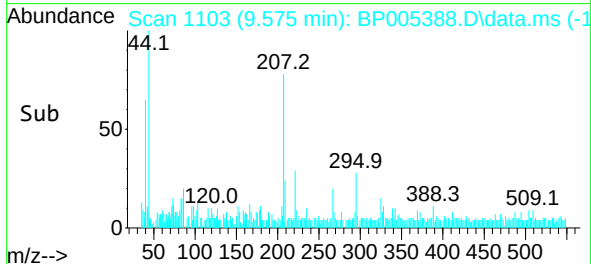
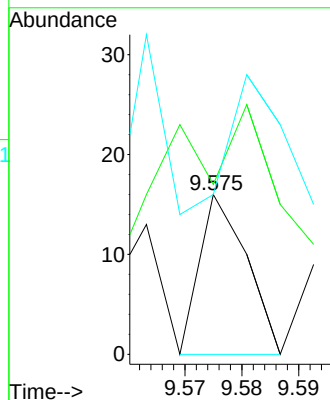
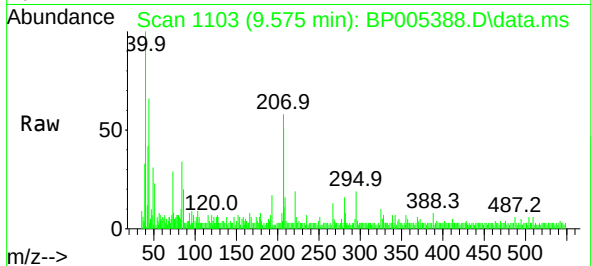




#32
Benzoic acid
Concen: 7.75 ng
RT: 9.575 min Scan# 1103
Delta R.T. -0.212 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

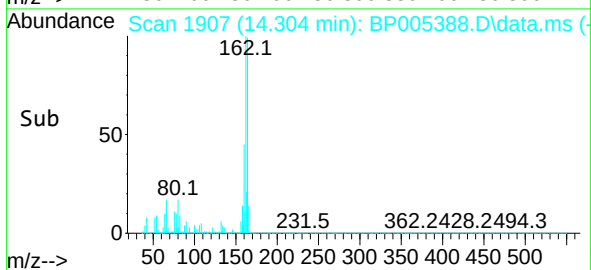
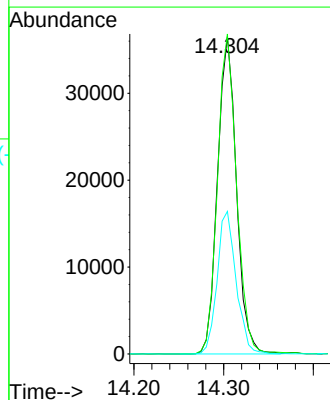
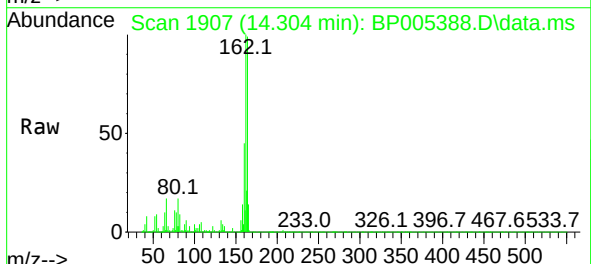
Instrument :
BNA_P
ClientSampleId :
PB135921BL

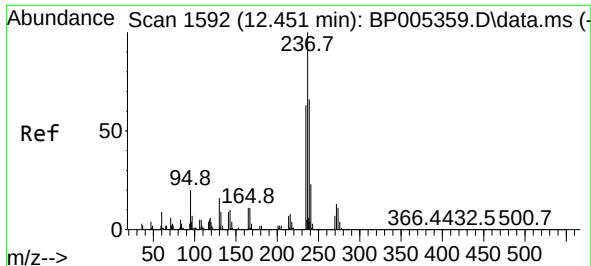
Tgt Ion:122	Resp:	9
Ion Ratio	Lower	Upper
122	100	
105	106.3	105.1 145.1
77	100.0	69.6 109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:164	Resp:	53420
Ion Ratio	Lower	Upper
164	100	
162	100.9	73.5 110.3
160	44.9	40.6 61.0

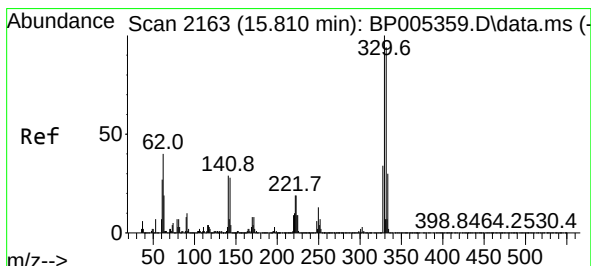
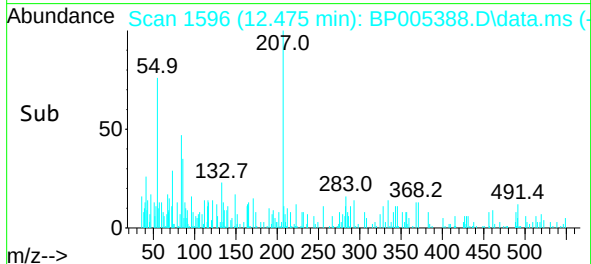
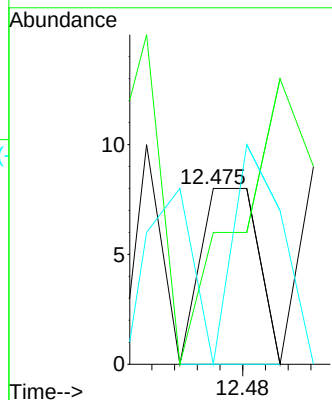
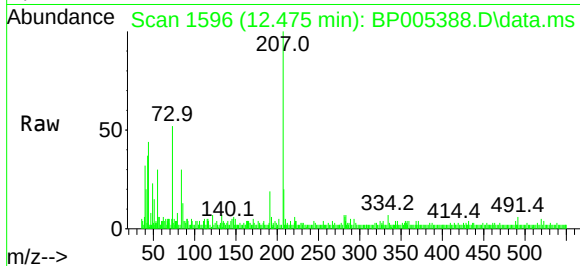




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.024 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

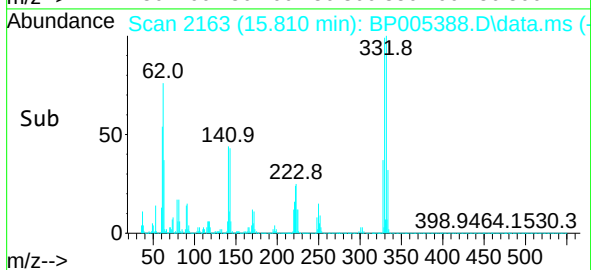
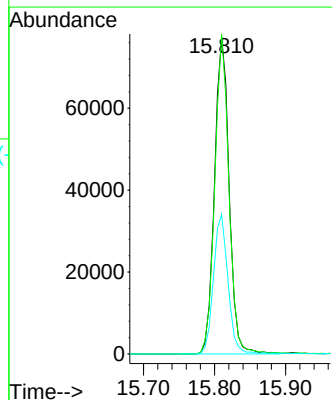
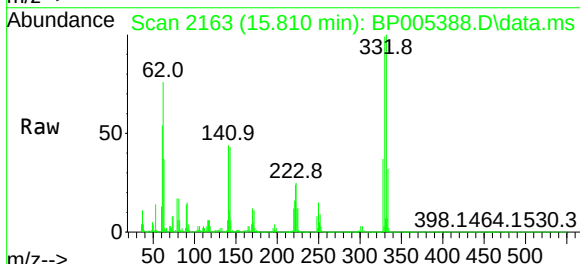
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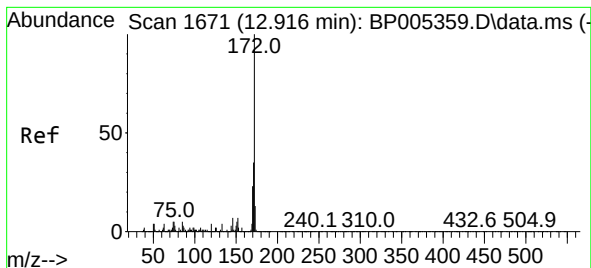
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	75.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 108.01 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:	330	Resp:	110368
Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.3	114.5
141	44.0	22.8	34.2#

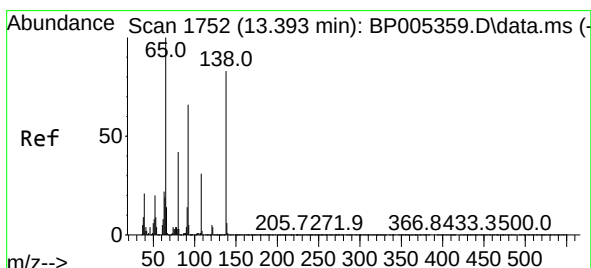
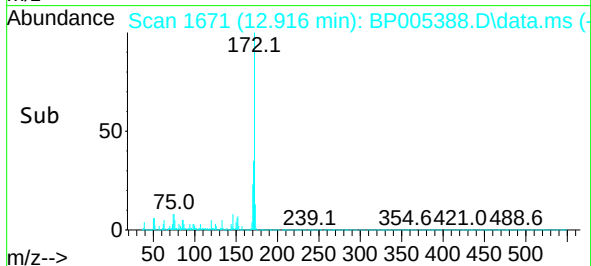
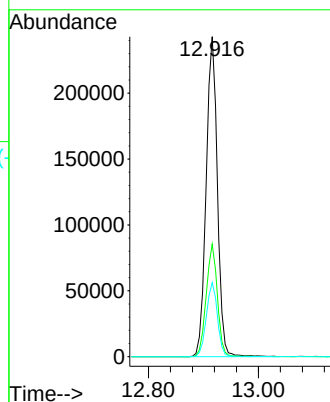
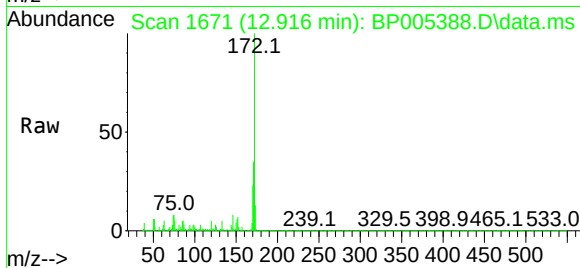




#45
2-Fluorobiphenyl
Concen: 83.27 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

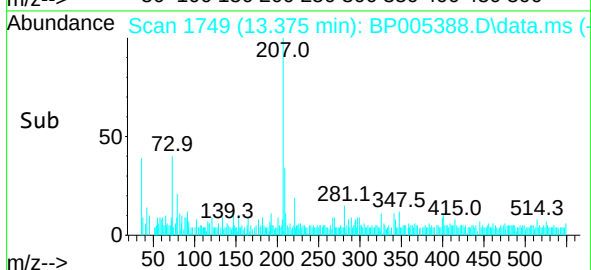
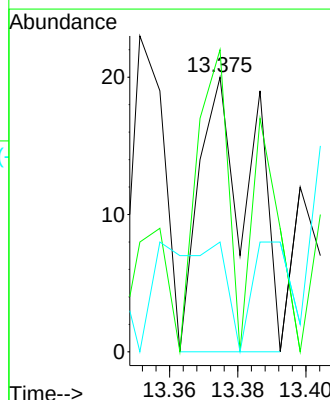
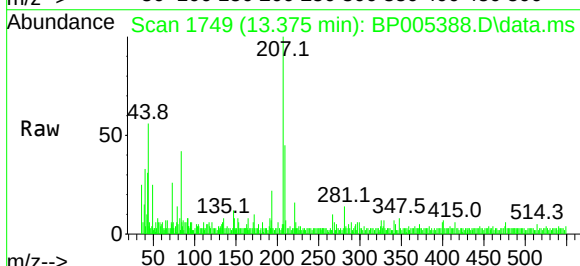
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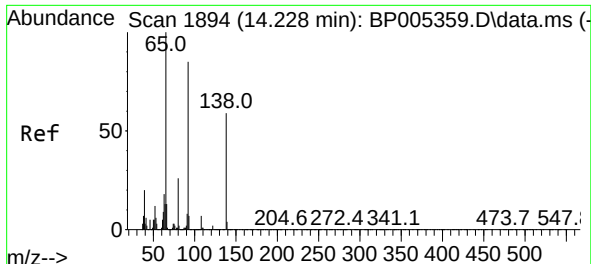
Tgt Ion:	172	Resp:	343635
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.1	19.6	29.4



#48
2-Nitroaniline
Concen: 5.46 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.018 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:	65	Resp:	21
Ion	Ratio	Lower	Upper
65	100		
92	120.7	48.8	73.2#
138	27.6	69.5	104.3#

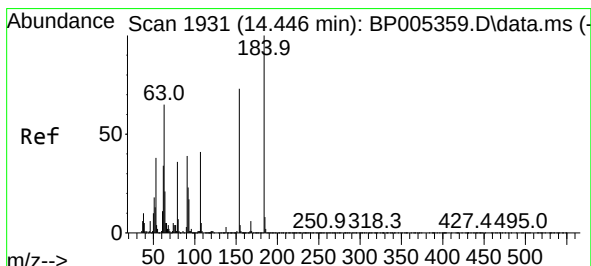
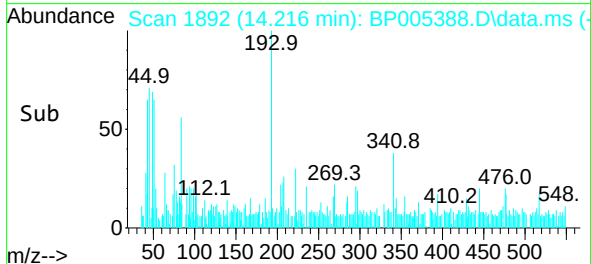
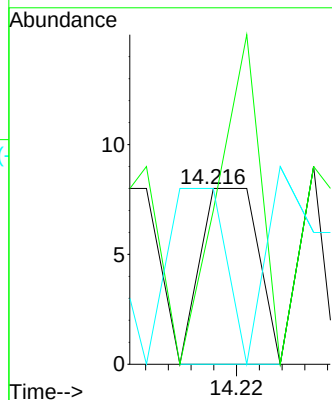
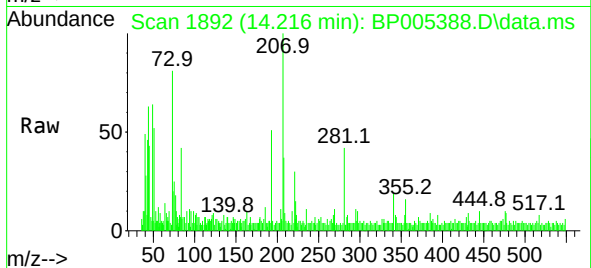




#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

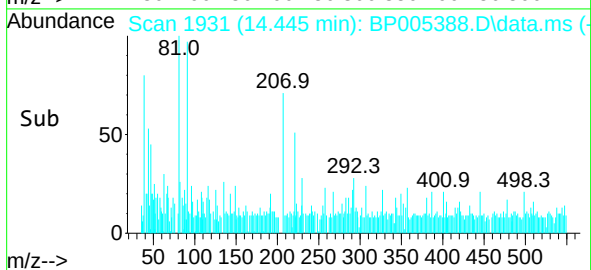
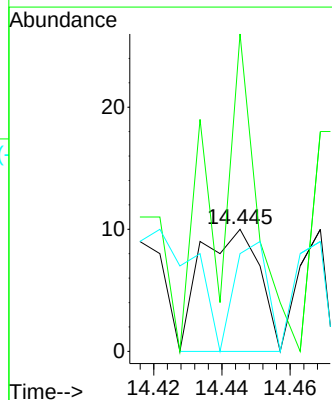
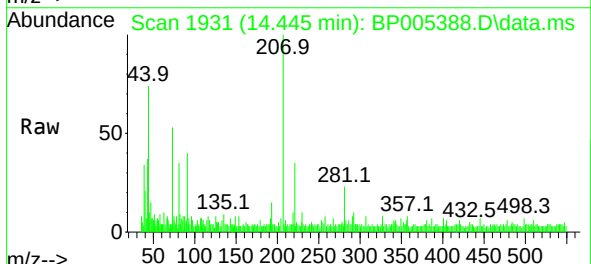
Instrument :
BNA_P
ClientSampled :
PB135921BL

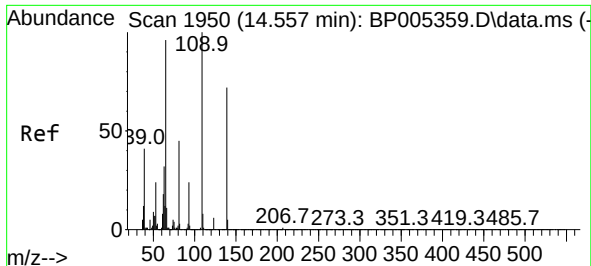
Tgt Ion:138 Resp: 6
Ion Ratio Lower Upper
138 100
108 87.5 10.2 15.4#
92 100.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.54 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 260.0 51.2 76.8#
154 80.0 55.8 83.8

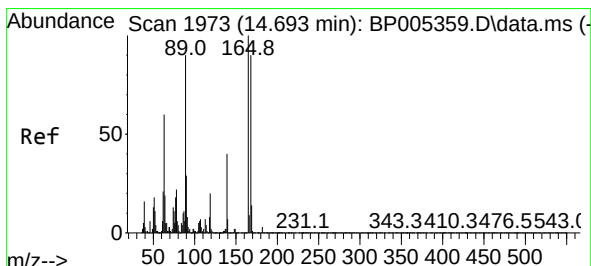
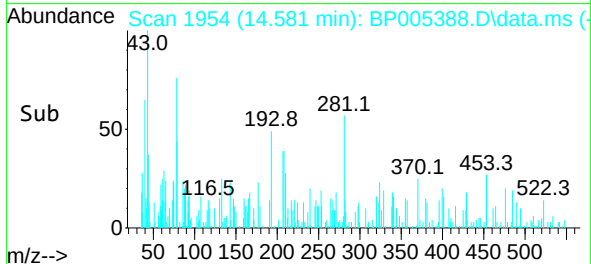
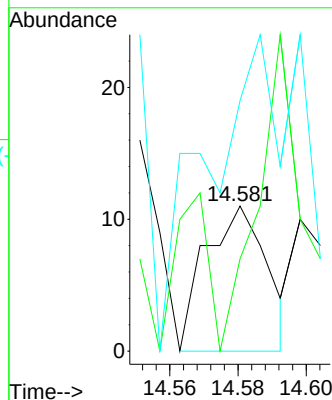
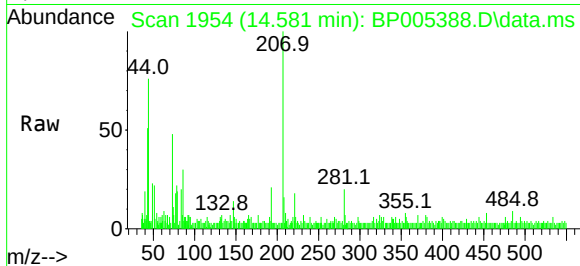




#56
4-Nitrophenol
Concen: 5.32 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.024 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

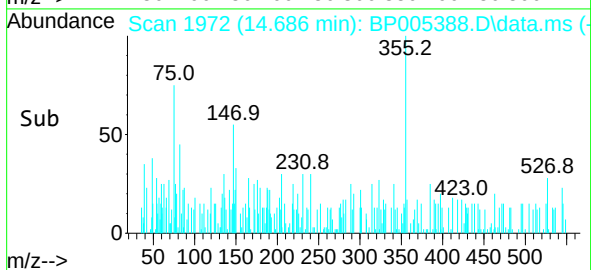
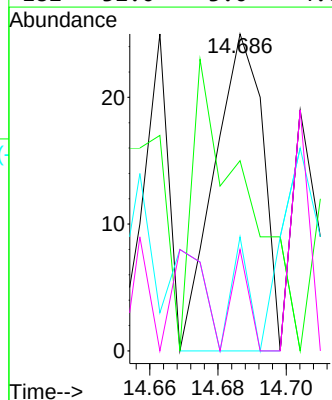
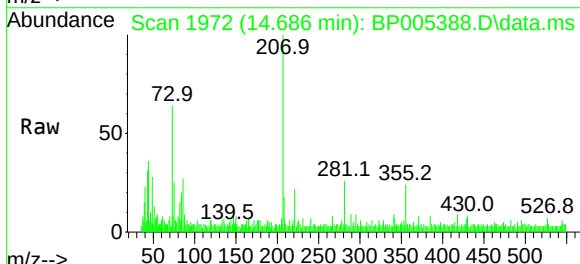
Instrument :
BNA_P
ClientSampleId :
PB135921BL

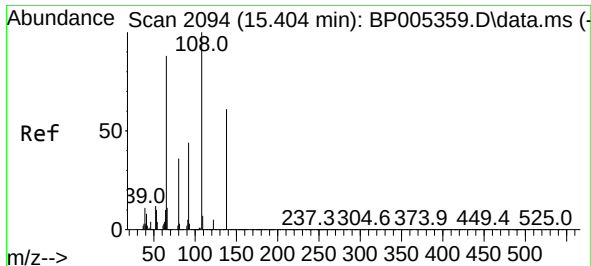
Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 63.6 122.8 162.8#
65 172.7 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.13 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:165 Resp: 25
Ion Ratio Lower Upper
165 100
63 112.0 56.7 85.1#
89 36.0 85.8 128.6#
182 32.0 3.0 4.6#

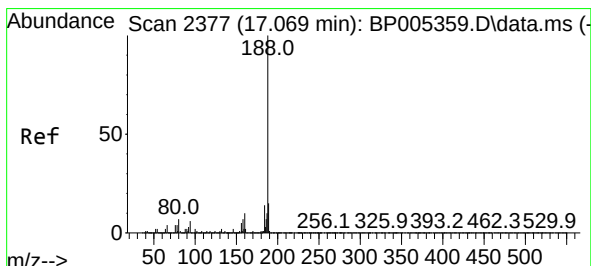
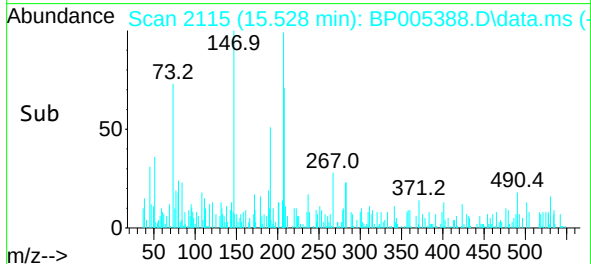
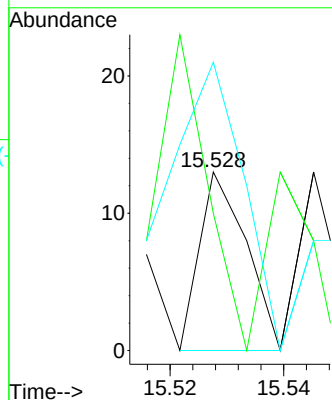
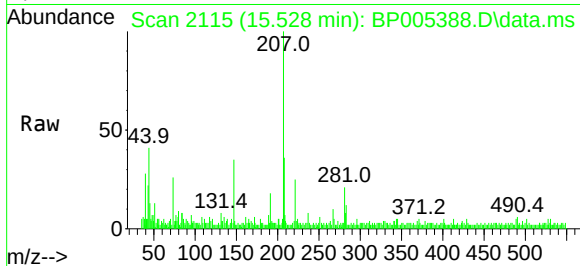




#62
4-Nitroaniline
Concen: 3.82 ng
RT: 15.528 min Scan# 2115
Delta R.T. 0.124 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

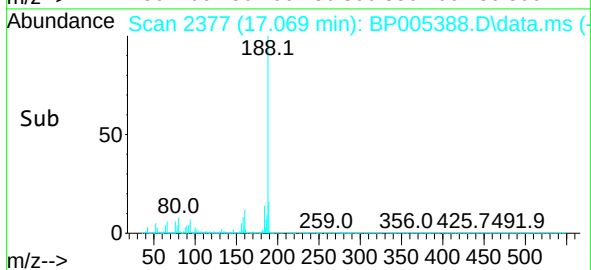
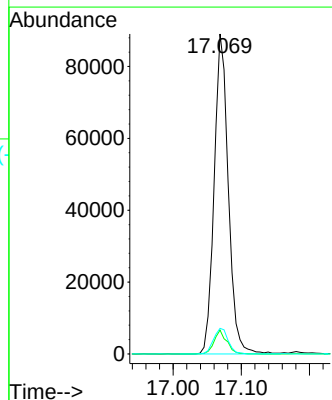
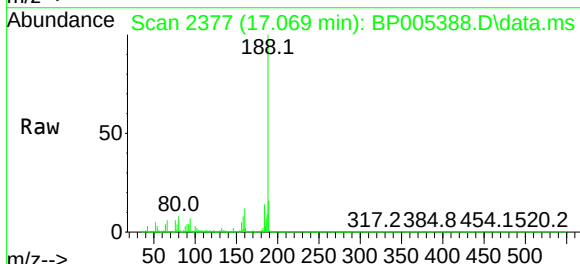
Instrument :
BNA_P
ClientSampleId :
PB135921BL

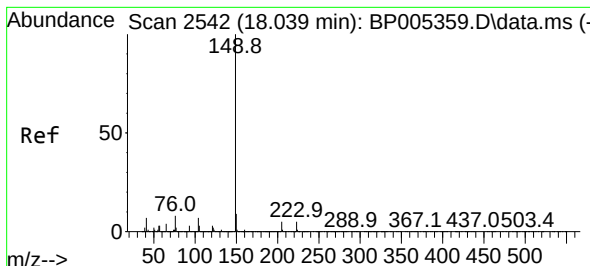
Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 76.9 50.9 90.9
108 161.5 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005388.D
Acq: 23 Apr 2021 11:52

Tgt Ion:188 Resp: 128817
Ion Ratio Lower Upper
188 100
94 7.4 5.0 7.6
80 8.0 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.99 ng

RT: 18.051 min Scan# 2544

Delta R.T. 0.012 min

Lab File: BP005388.D

Acq: 23 Apr 2021 11:52

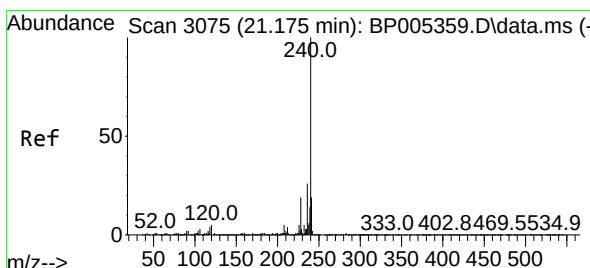
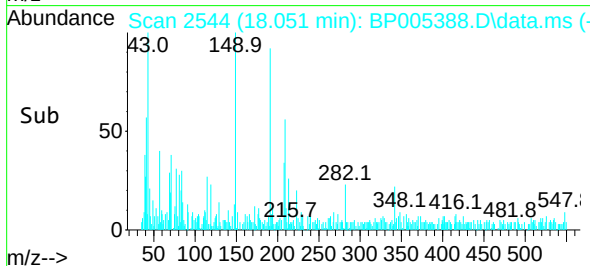
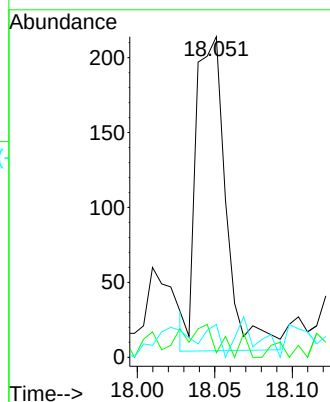
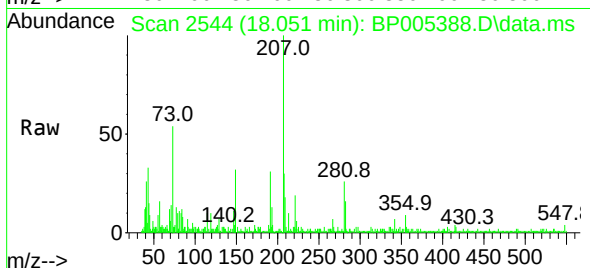
Instrument :

BNA_P

ClientSampleId :

PB135921BL

Tgt Ion:149	Resp:	281
Ion Ratio	Lower	Upper
149	100	
150	1.4	7.6 11.4#
104	17.8	8.9 13.3#



#76

Chrysene-d12

Concen: 20.00 ng

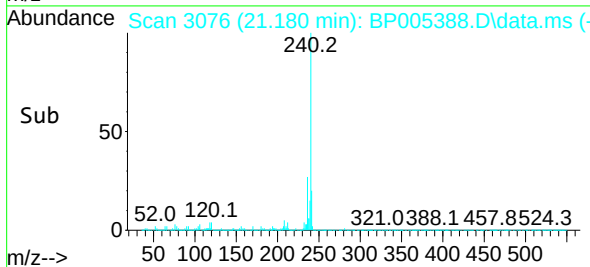
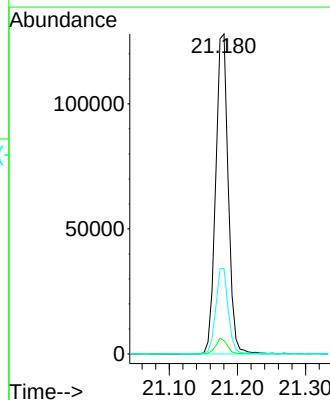
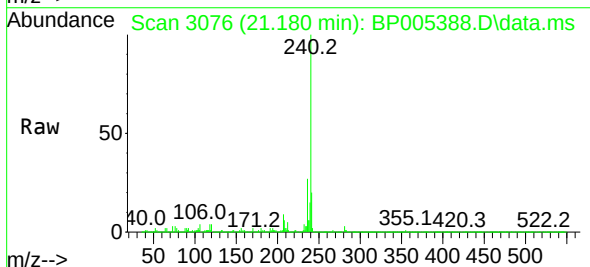
RT: 21.180 min Scan# 3076

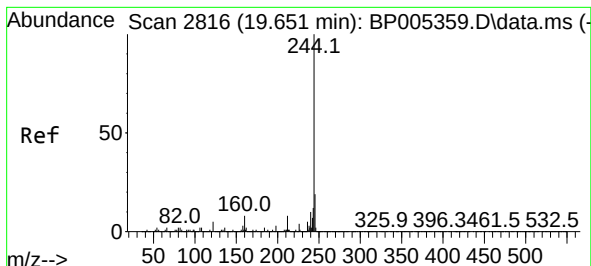
Delta R.T. 0.005 min

Lab File: BP005388.D

Acq: 23 Apr 2021 11:52

Tgt Ion:240	Resp:	163964
Ion Ratio	Lower	Upper
240	100	
120	4.1	4.2 6.2#
236	26.7	20.2 30.2





#79

Terphenyl-d14

Concen: 87.04 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP005388.D

Acq: 23 Apr 2021 11:52

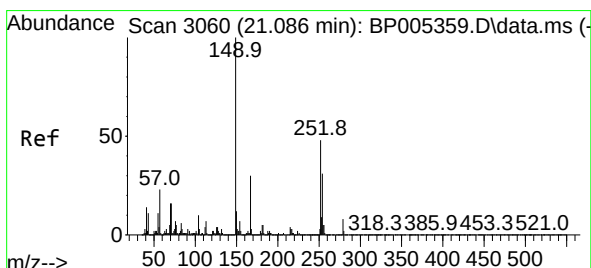
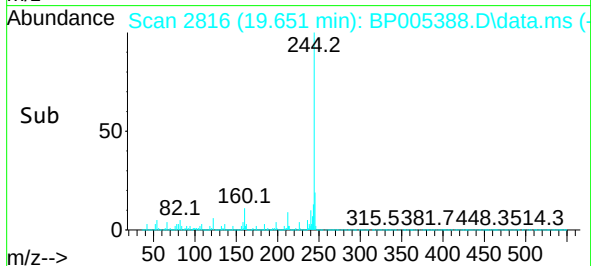
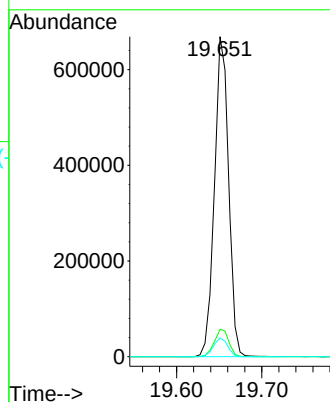
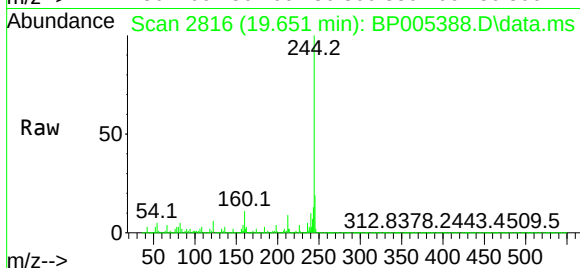
Tgt Ion:244 Resp: 770135

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

122 5.8 5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.05 ng

RT: 21.145 min Scan# 3070

Delta R.T. 0.059 min

Lab File: BP005388.D

Acq: 23 Apr 2021 11:52

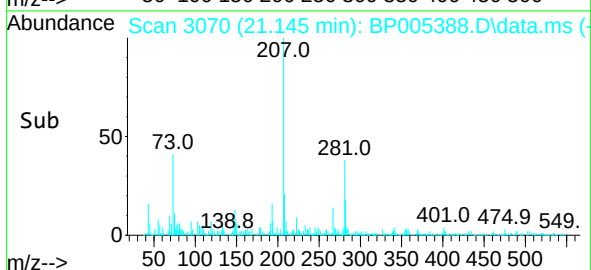
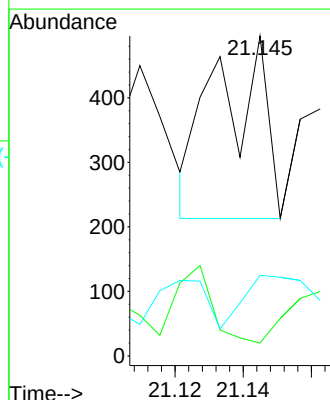
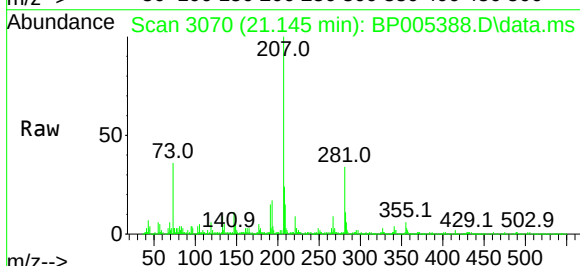
Tgt Ion:149 Resp: 288

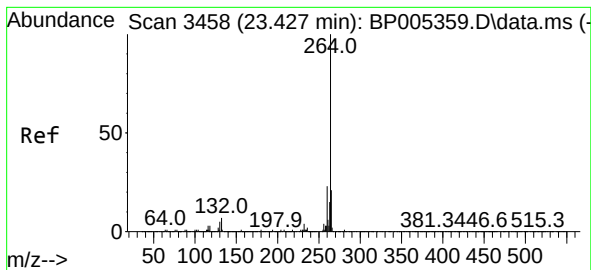
Ion Ratio Lower Upper

149 100

167 4.0 23.8 35.8#

279 25.2 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: BP005388.D
Acq: 23 Apr 2021 11:52

Instrument :
BNA_P
ClientSampleId :
PB135921BL

Tgt Ion:264 Resp: 180345

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.6	30.8
265	21.4	19.0	28.6

