

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042121\
 Data File : BP005364.D
 Acq On : 21 Apr 2021 18:09
 Operator : CG/JU
 Sample : PB135863BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135863BL

Quant Time: Apr 21 18:38:22 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)

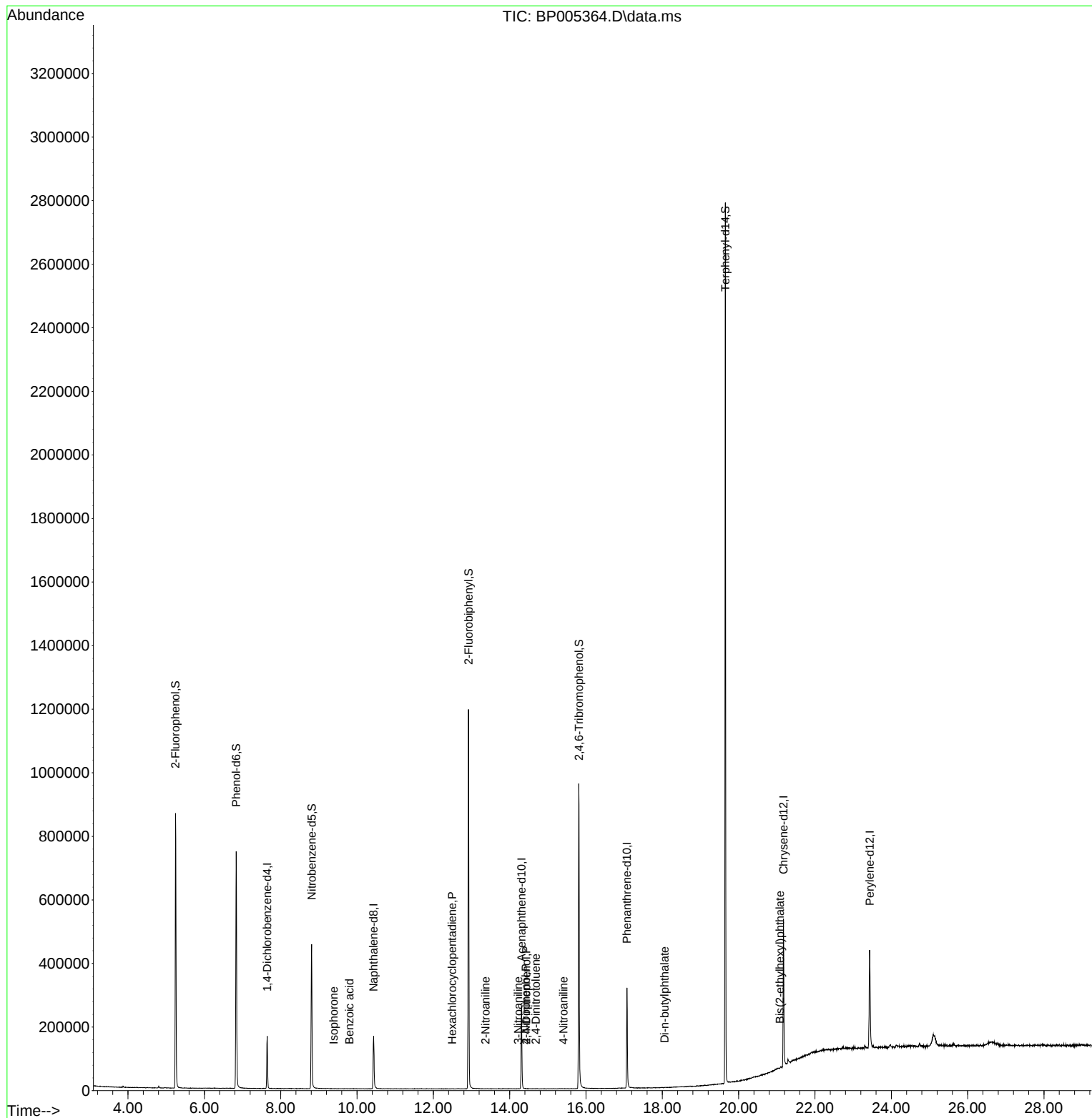
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	35915	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	118960	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	81917	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	192554	20.00	ng	0.00
76) Chrysene-d12	21.174	240	231155	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	238649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	275523	133.26	ng	0.00
7) Phenol-d6	6.834	99	333356	117.02	ng	0.00
23) Nitrobenzene-d5	8.810	82	257931	94.30	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	186555	119.06	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	524794	82.93	ng	0.00
79) Terphenyl-d14	19.651	244	1085621	87.03	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.387	82	83	2.97	ng	# 50
32) Benzoic acid	9.799	122	6	7.75	ng	# 1
41) Hexachlorocyclopentadiene	12.493	237	26	6.98	ng	75
48) 2-Nitroaniline	13.369	65	45	5.47	ng	# 26
53) 3-Nitroaniline	14.222	138	3	2.66	ng	# 25
54) 2,4-Dinitrophenol	14.434	184	13	7.53	ng	# 76
56) 4-Nitrophenol	14.422	139	6	5.30	ng	93
57) 2,4-Dinitrotoluene	14.687	165	29	3.12	ng	# 78
62) 4-Nitroaniline	15.410	138	23	3.83	ng	# 1
74) Di-n-butylphthalate	18.057	149	341	3.98	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.080	149	92	2.99	ng	# 78

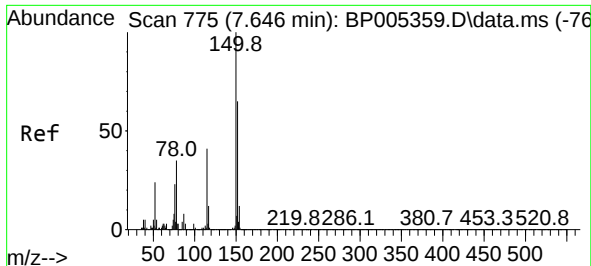
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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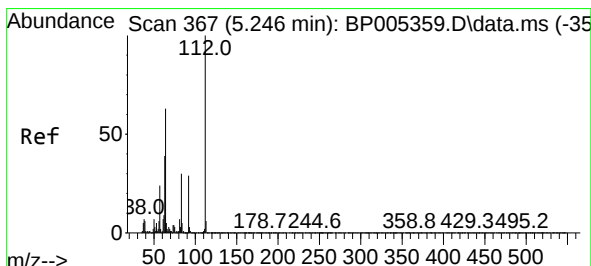
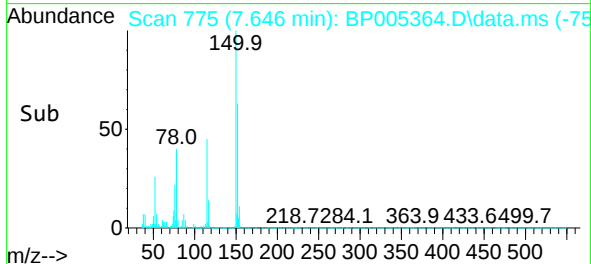
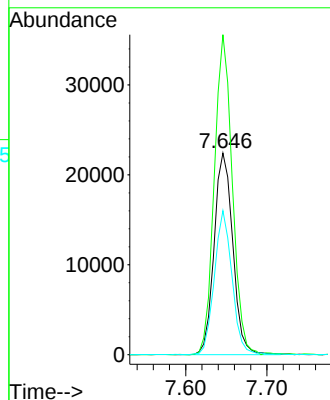
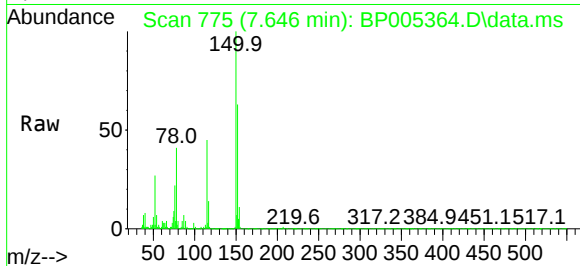




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

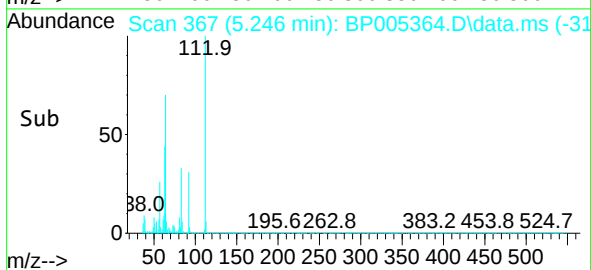
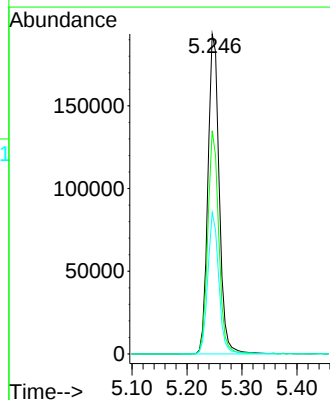
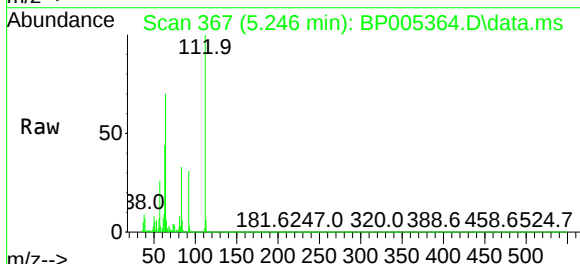
Instrument :
BNA_P
ClientSampleId :
PB135863BL

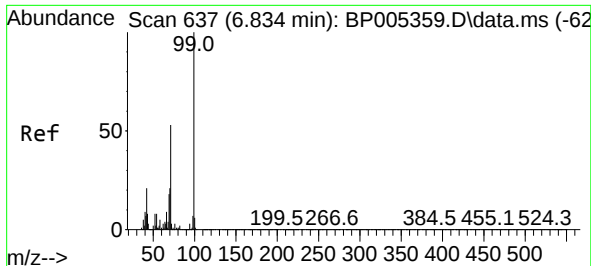
Tgt Ion:152 Resp: 35915
Ion Ratio Lower Upper
152 100
150 158.8 119.8 179.8
115 71.4 49.0 73.4



#5
2-Fluorophenol
Concen: 133.26 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:112 Resp: 275523
Ion Ratio Lower Upper
112 100
64 69.7 33.6 50.4#
63 44.2 18.6 27.8#

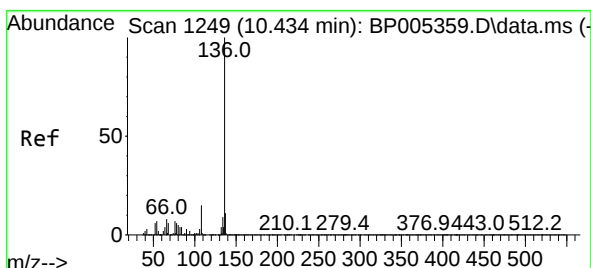
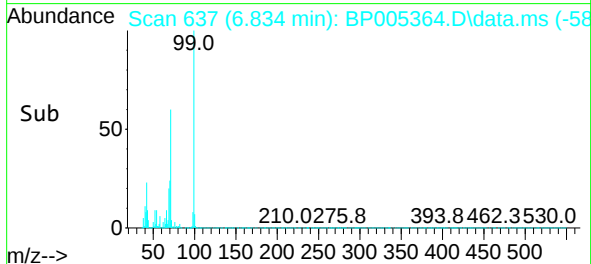
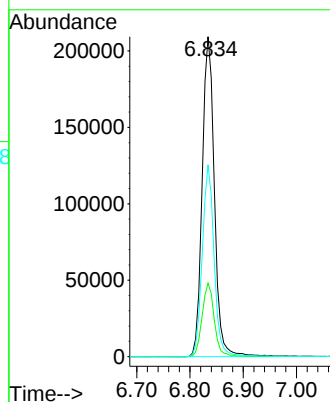
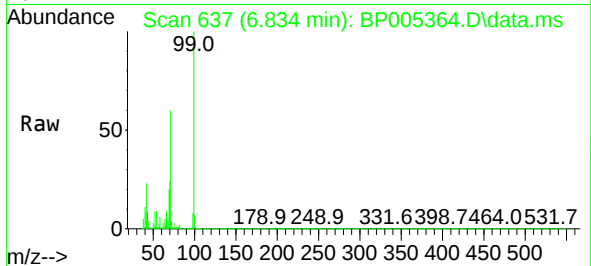




#7
Phenol-d6
Concen: 117.02 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

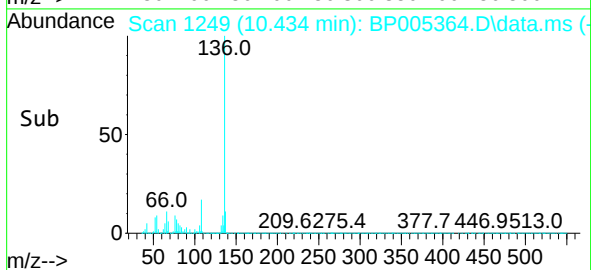
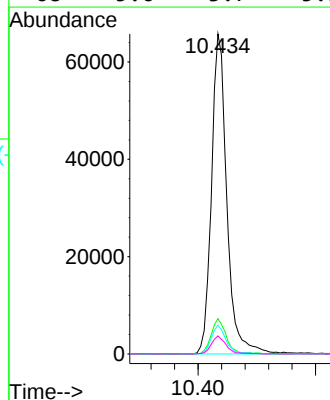
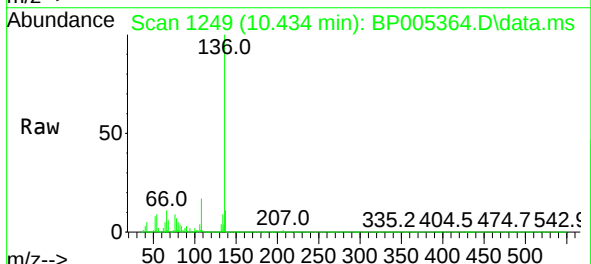
Instrument :
BNA_P
ClientSampleId :
PB135863BL

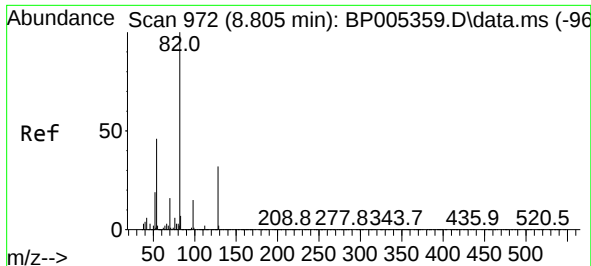
Tgt Ion: 99 Resp: 333356
Ion Ratio Lower Upper
99 100
42 22.9 12.9 19.3#
71 60.0 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion: 136 Resp: 118960
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.0 5.0 7.4#
68 5.6 3.7 5.5#

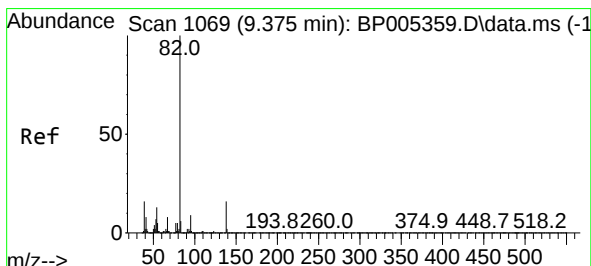
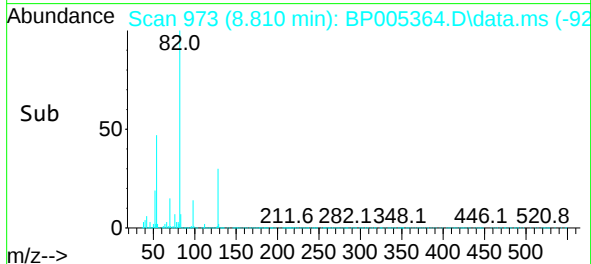
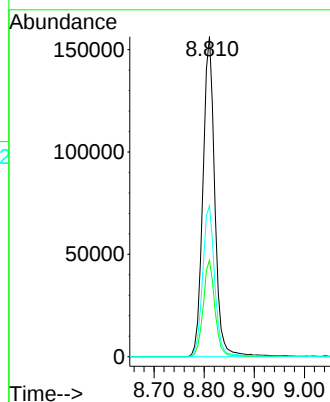
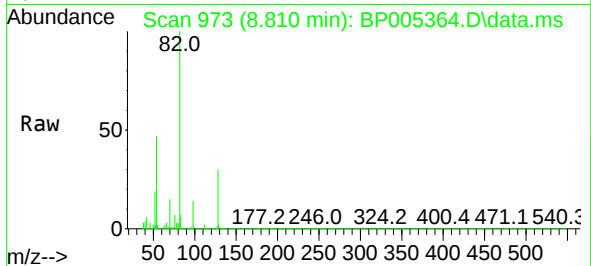




#23
Nitrobenzene-d5
Concen: 94.30 ng
RT: 8.810 min Scan# 973
Delta R.T. 0.005 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

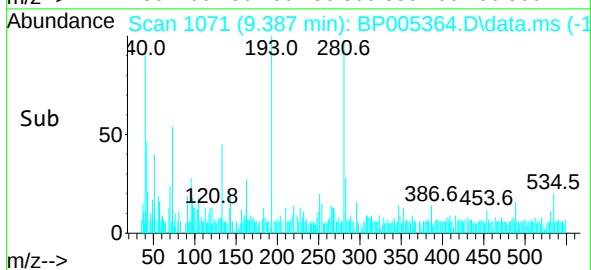
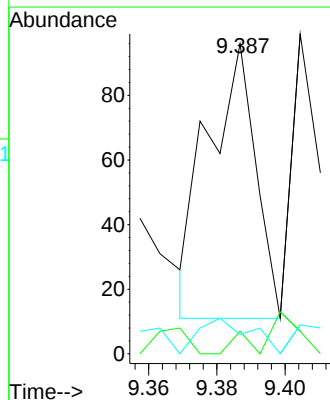
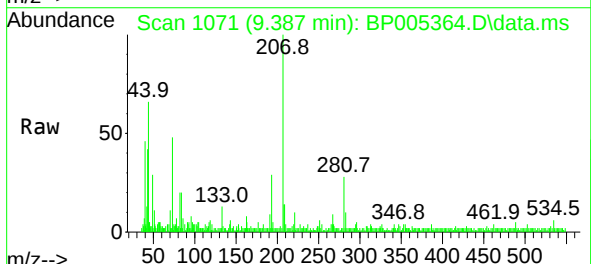
Instrument :
BNA_P
ClientSampleId :
PB135863BL

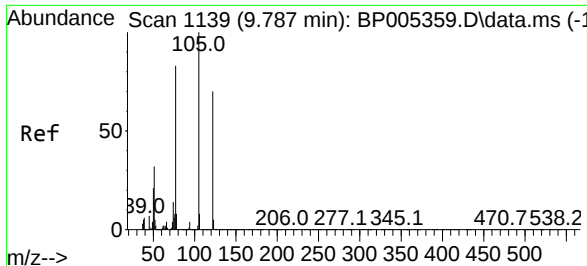
Tgt Ion: 82 Resp: 257931
Ion Ratio Lower Upper
82 100
128 30.1 30.5 45.7#
54 47.2 33.9 50.9



#25
Isophorone
Concen: 2.97 ng
RT: 9.387 min Scan# 1071
Delta R.T. 0.012 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion: 82 Resp: 83
Ion Ratio Lower Upper
82 100
95 43.8 7.5 11.3#
138 6.3 14.6 22.0#

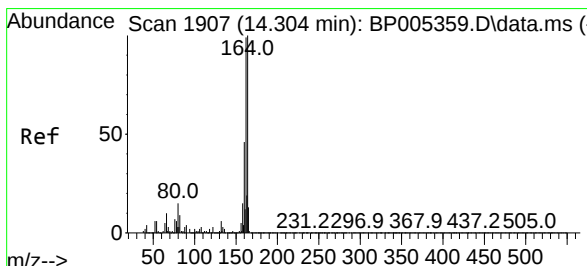
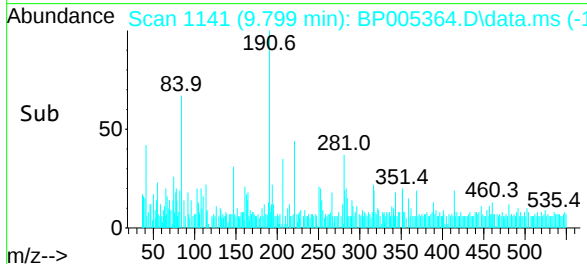
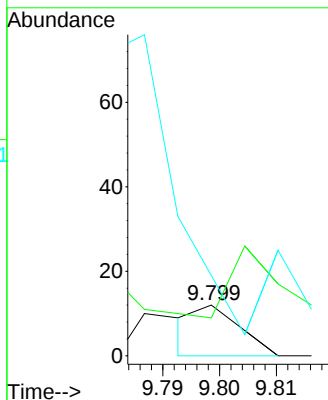
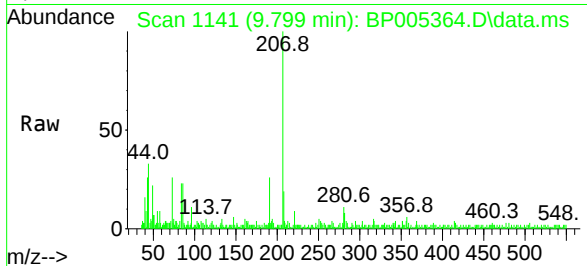




#32
Benzoic acid
Concen: 7.75 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.012 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

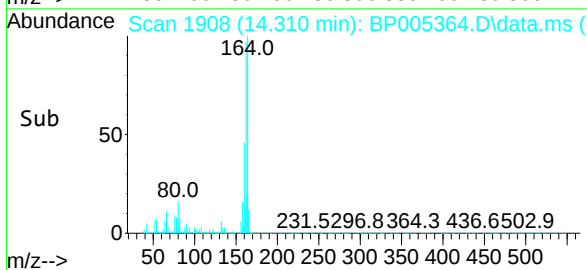
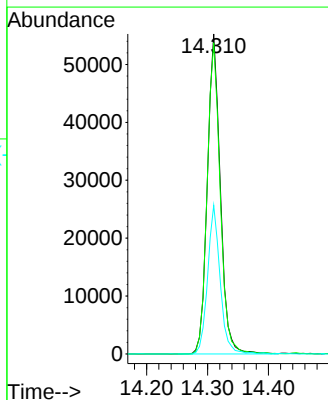
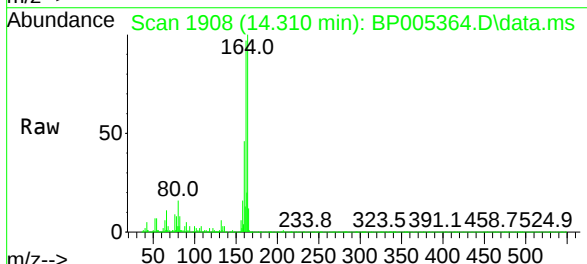
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ClientSampleId :
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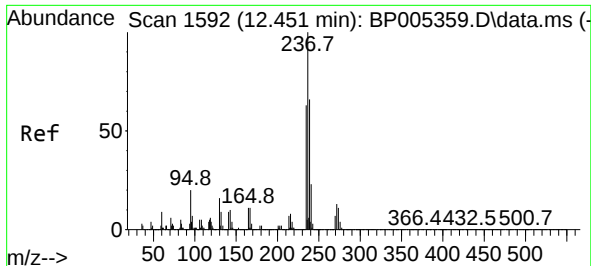
Tgt Ion:122 Resp: 6
Ion Ratio Lower Upper
122 100
105 75.0 105.1 145.1#
77 341.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:164 Resp: 81917
Ion Ratio Lower Upper
164 100
162 97.2 73.5 110.3
160 46.5 40.6 61.0

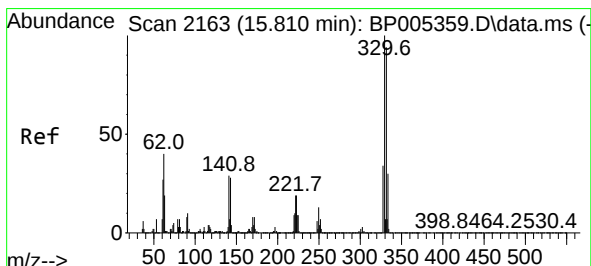
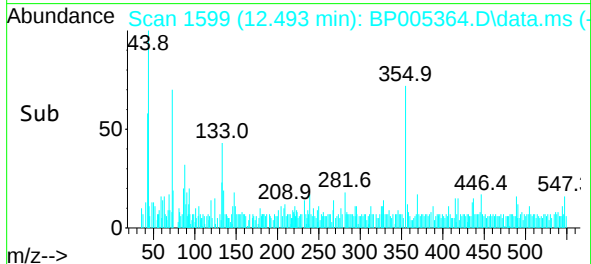
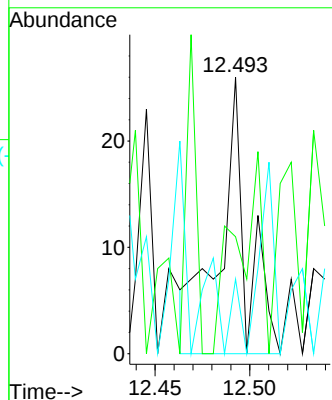
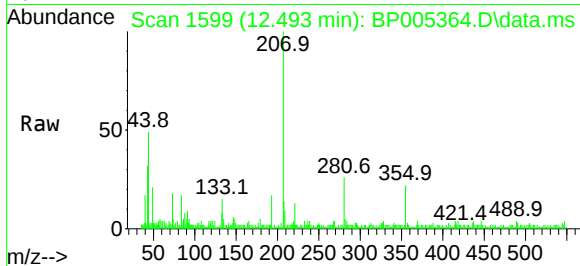




#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.493 min Scan# 1599
Delta R.T. 0.041 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

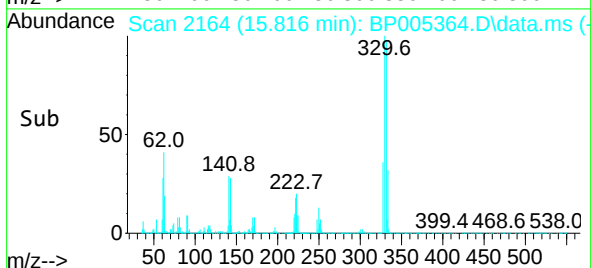
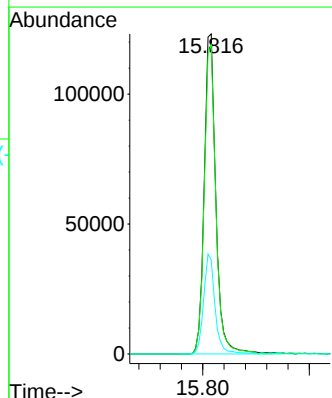
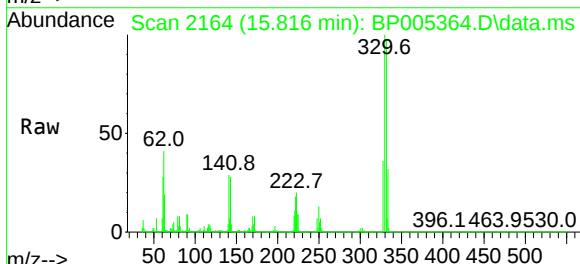
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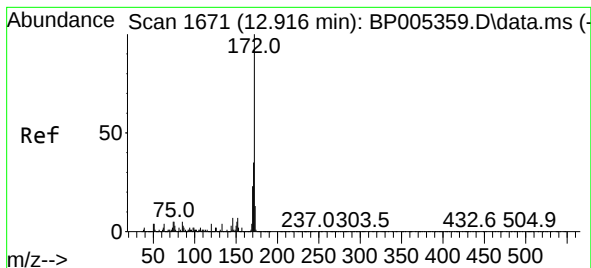
Tgt Ion:237	Resp:	26
Ion Ratio	Lower	Upper
237	100	
235	42.3	40.9 80.9
272	26.9	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 119.06 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:330	Resp:	186555
Ion Ratio	Lower	Upper
330	100	
332	95.8	76.3 114.5
141	30.7	22.8 34.2

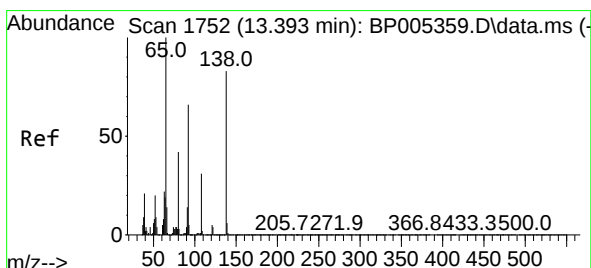
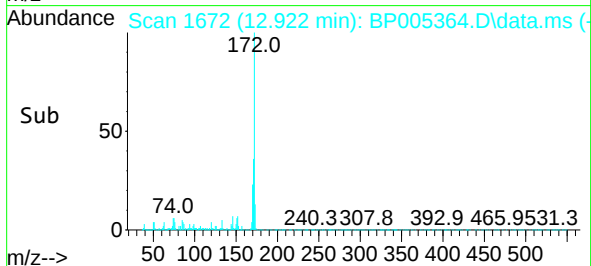
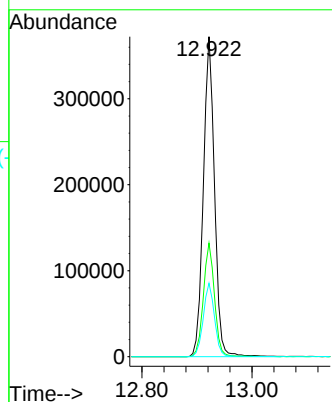
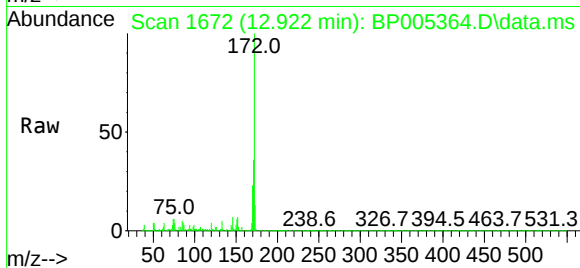




#45
2-Fluorobiphenyl
Concen: 82.93 ng
RT: 12.922 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

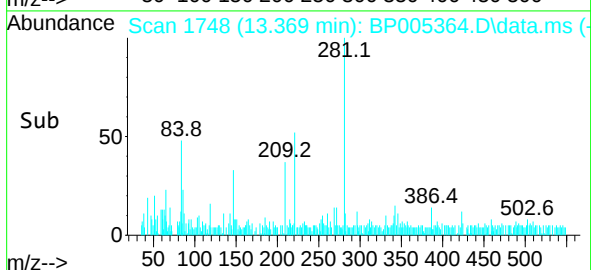
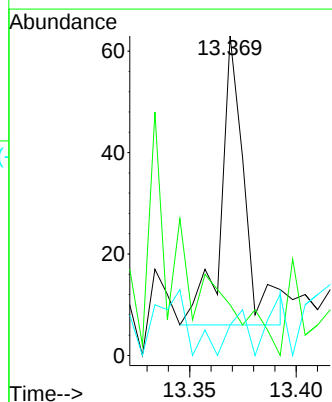
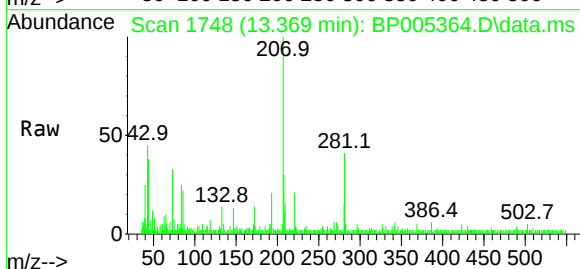
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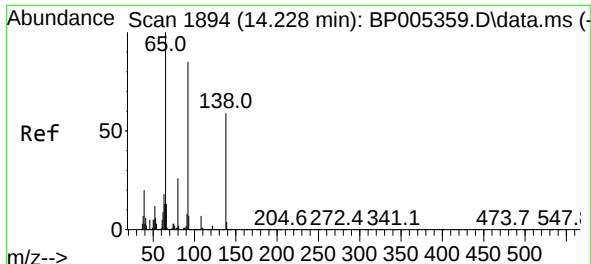
Tgt Ion:	172	Resp:	524794
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.9	19.6	29.4



#48
2-Nitroaniline
Concen: 5.47 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.024 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:	65	Resp:	45
Ion	Ratio	Lower	Upper
65	100		
92	15.9	48.8	73.2#
138	9.5	69.5	104.3#

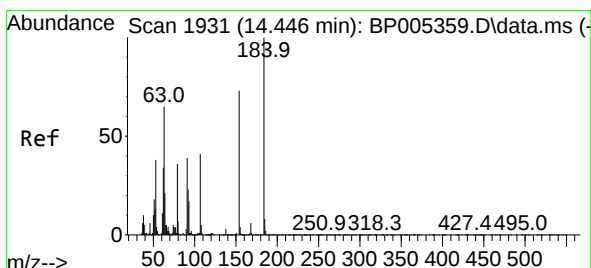
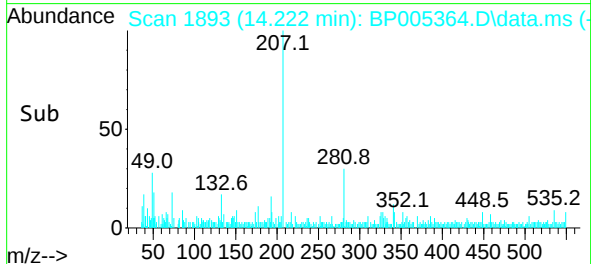
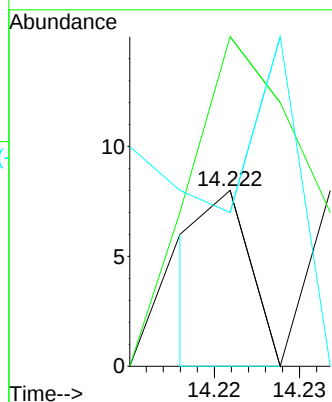
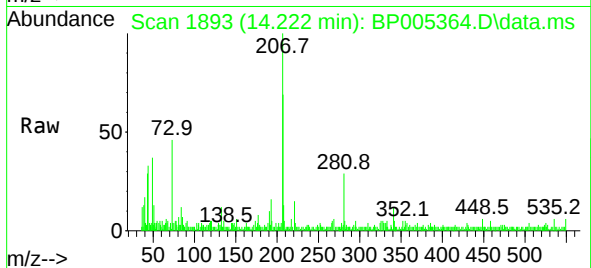




#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

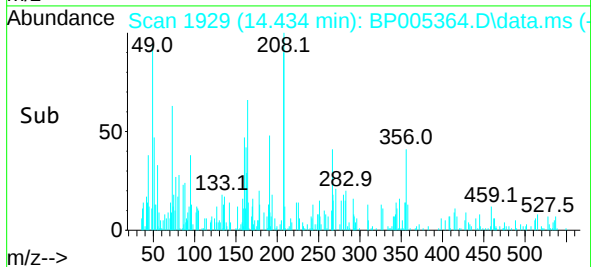
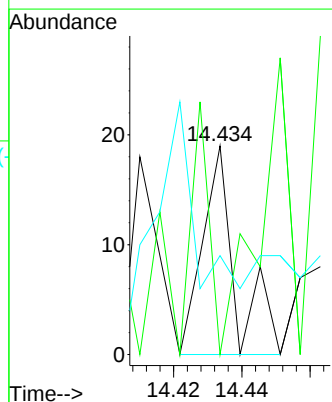
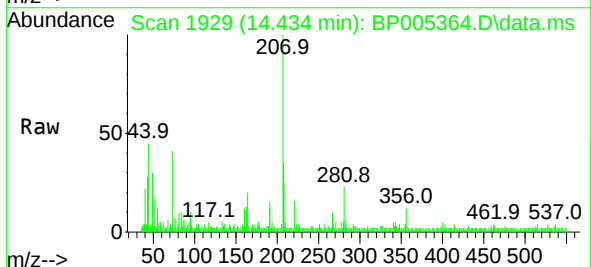
Instrument :
BNA_P
ClientSampleId :
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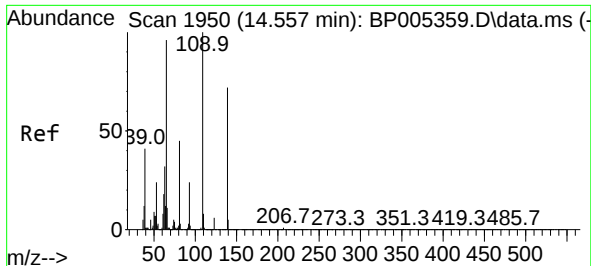
Tgt Ion:138 Resp: 3
Ion Ratio Lower Upper
138 100
108 187.5 10.2 15.4#
92 87.5 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 47.4 51.2 76.8#
154 47.4 55.8 83.8#

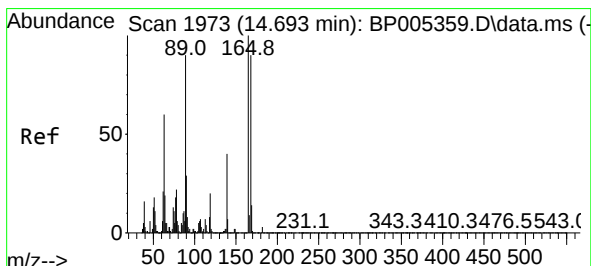
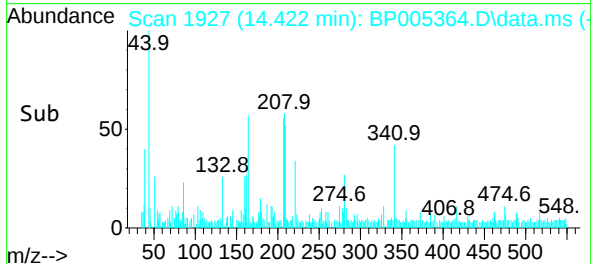
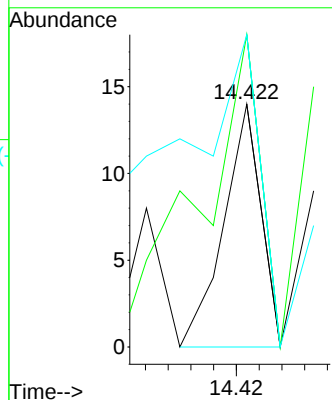
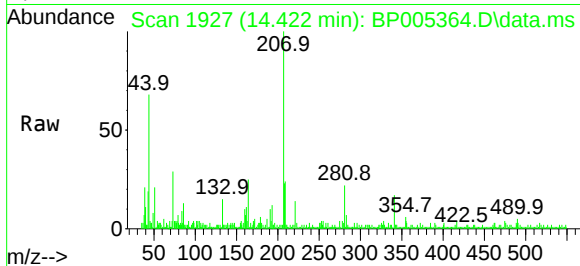




#56
4-Nitrophenol
Concen: 5.30 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.135 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

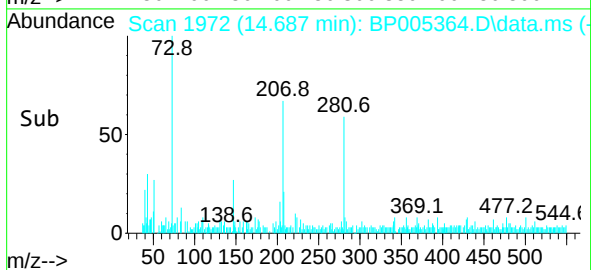
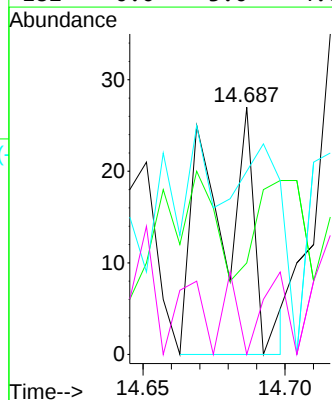
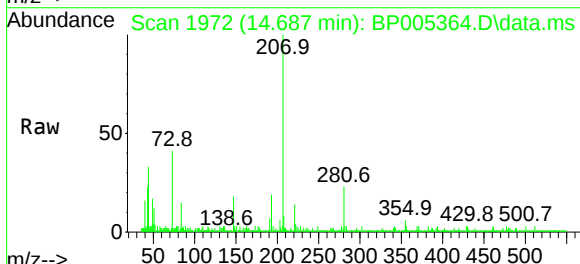
Instrument :
BNA_P
ClientSampled :
PB135863BL

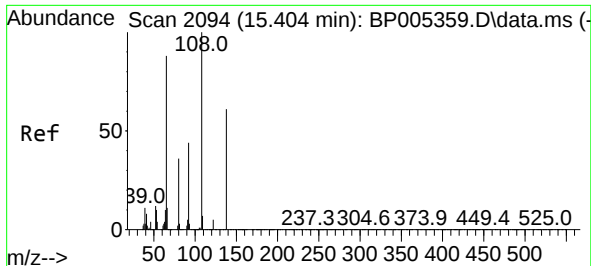
Tgt Ion:	139	Resp:	6
Ion	Ratio	Lower	Upper
139	100		
109	128.6	122.8	162.8
65	128.6	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:	165	Resp:	29
Ion	Ratio	Lower	Upper
165	100		
63	77.8	56.7	85.1
89	74.1	85.8	128.6#
182	0.0	3.0	4.6#

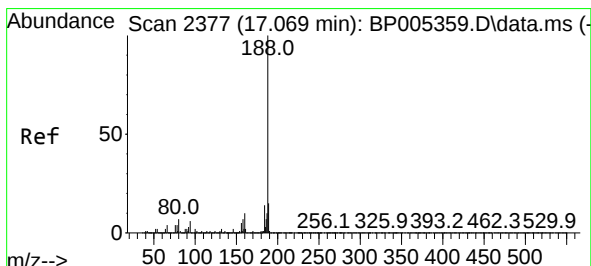
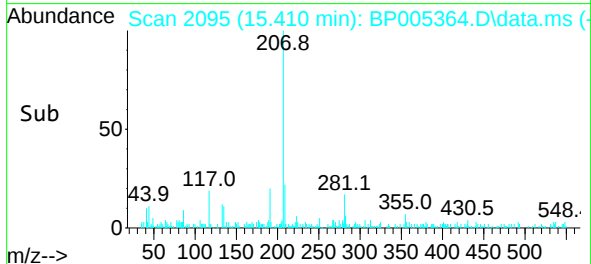
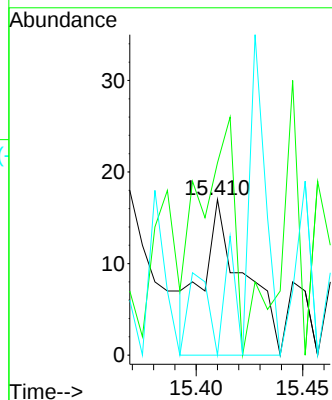
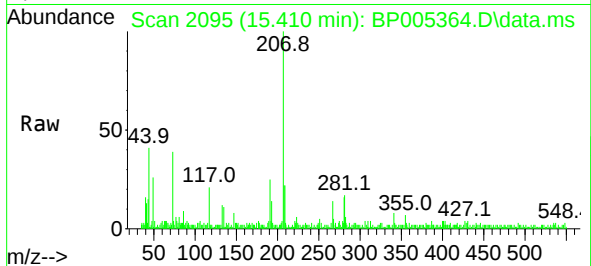




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

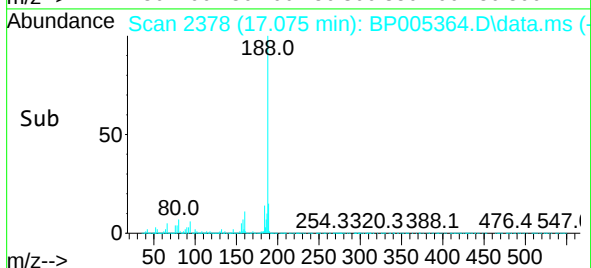
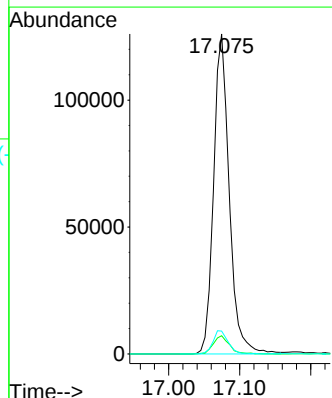
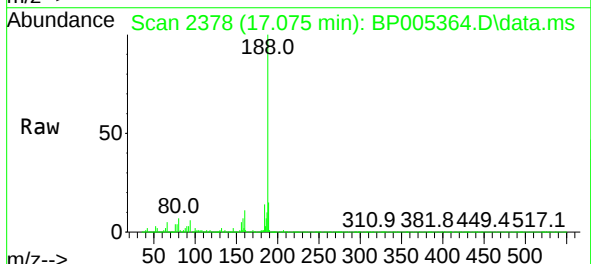
Instrument :
BNA_P
ClientSampleID :
PB135863BL

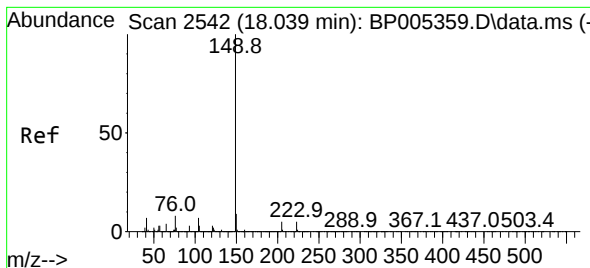
Tgt Ion:138 Resp: 23
Ion Ratio Lower Upper
138 100
92 123.5 50.9 90.9#
108 0.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.006 min
Lab File: BP005364.D
Acq: 21 Apr 2021 18:09

Tgt Ion:188 Resp: 192554
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.6
80 7.2 5.9 8.9





#74

Di-n-butylphthalate

Concen: 3.98 ng

RT: 18.057 min Scan# 2545

Delta R.T. 0.018 min

Lab File: BP005364.D

Acq: 21 Apr 2021 18:09

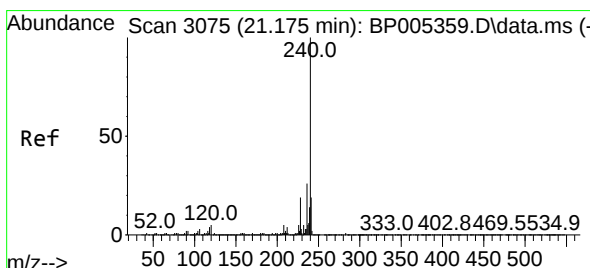
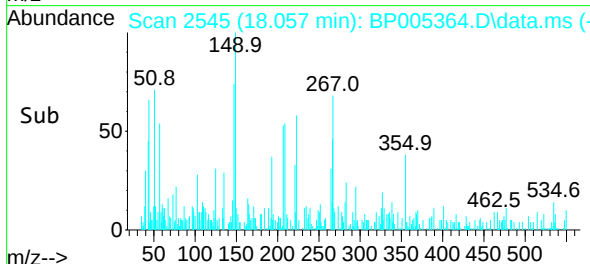
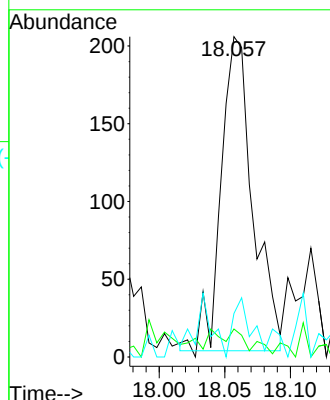
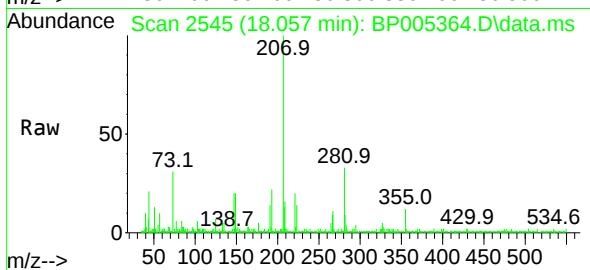
Instrument :

BNA_P

ClientSampleId :

PB135863BL

Tgt Ion:149	Resp:	341
Ion Ratio	Lower	Upper
149	100	
150	8.7	7.6 11.4
104	13.6	8.9 13.3#



#76

Chrysene-d12

Concen: 20.00 ng

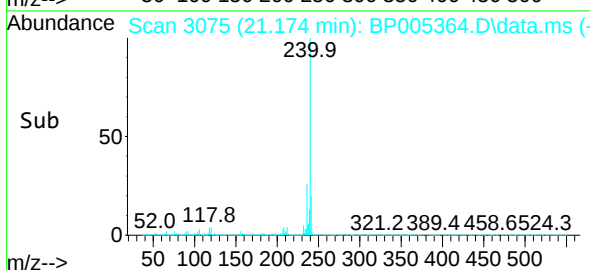
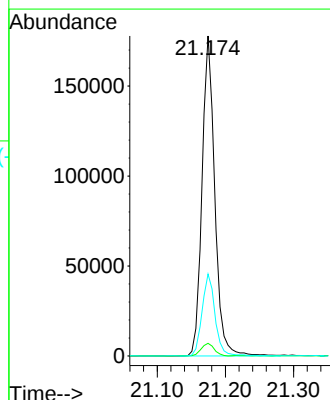
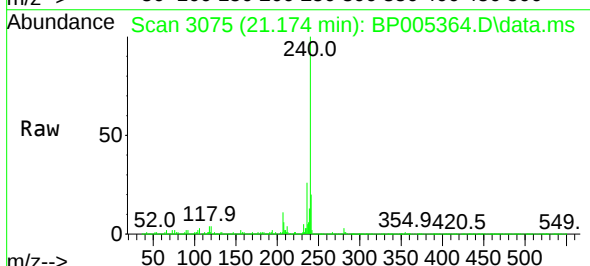
RT: 21.174 min Scan# 3075

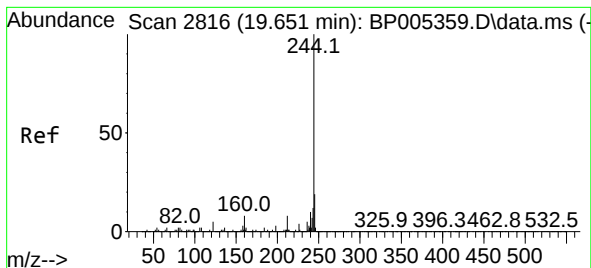
Delta R.T. -0.001 min

Lab File: BP005364.D

Acq: 21 Apr 2021 18:09

Tgt Ion:240	Resp:	231155
Ion Ratio	Lower	Upper
240	100	
120	4.0	4.2 6.2#
236	25.6	20.2 30.2





#79

Terphenyl-d14

Concen: 87.03 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP005364.D

Acq: 21 Apr 2021 18:09

Instrument :

BNA_P

ClientSampleId :

PB135863BL

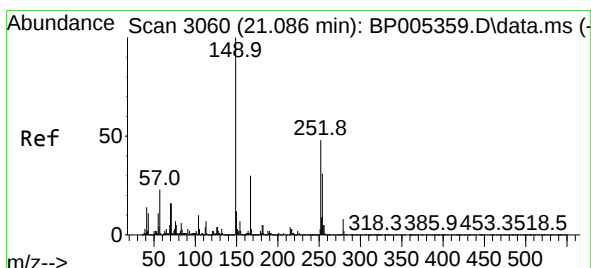
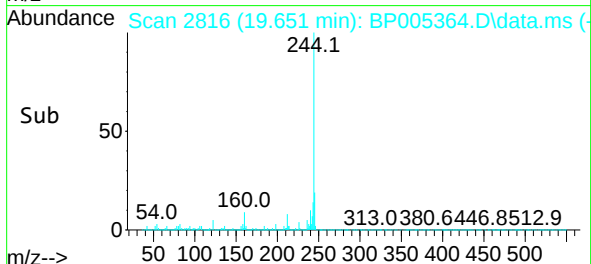
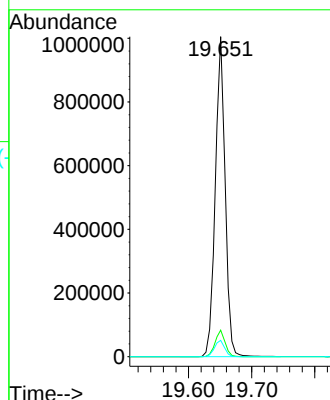
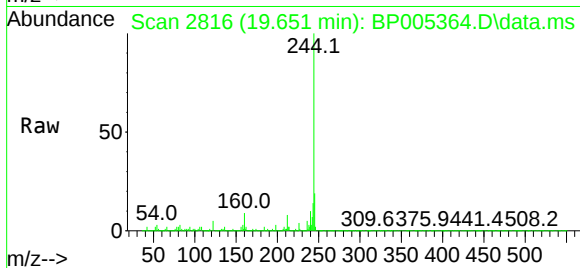
Tgt Ion:244 Resp: 1085621

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

122 5.1 5.2 7.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.99 ng

RT: 21.080 min Scan# 3059

Delta R.T. -0.006 min

Lab File: BP005364.D

Acq: 21 Apr 2021 18:09

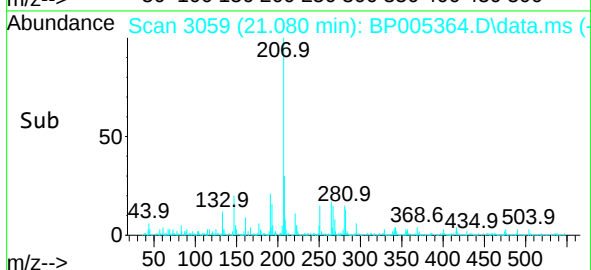
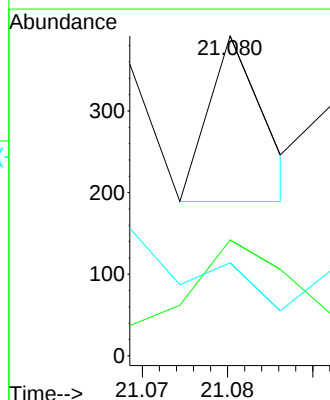
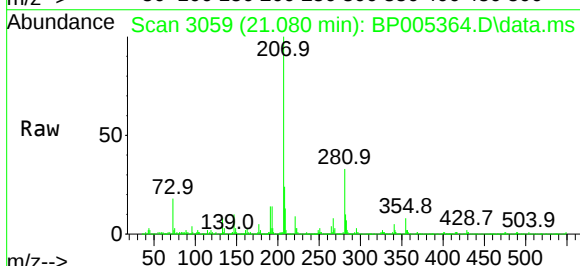
Tgt Ion:149 Resp: 92

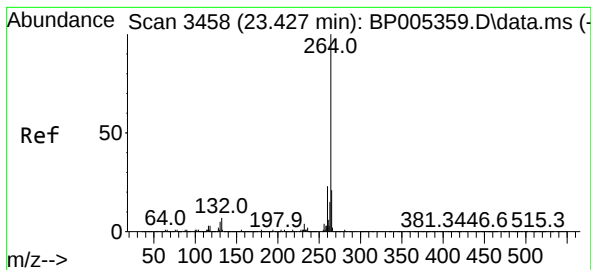
Ion Ratio Lower Upper

149 100

167 36.2 23.8 35.8#

279 29.1 5.7 8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005364.D
 Acq: 21 Apr 2021 18:09

Instrument :
 BNA_P
 ClientSampleId :
 PB135863BL

Tgt Ion:264 Resp: 238649
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.6 30.8
 265 22.9 19.0 28.6

