

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005368.D
 Acq On : 22 Apr 2021 10:54
 Operator : CG/JU
 Sample : M2078-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP-01

Quant Time: Apr 22 12:52:31 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)

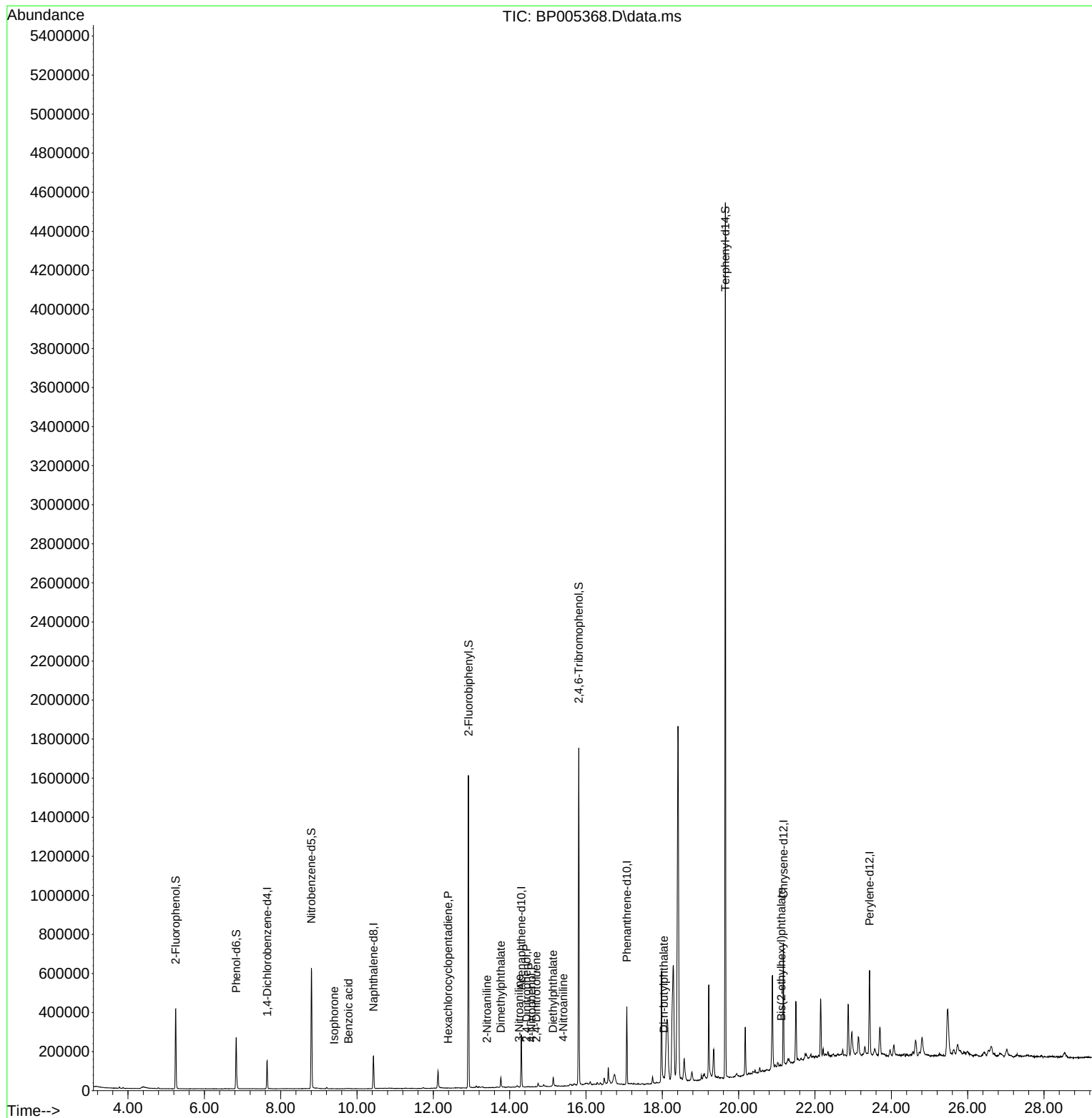
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	30233	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	105988	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	79275	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	212925	20.00	ng	0.00
76) Chrysene-d12	21.174	240	299516	20.00	ng	0.00
86) Perylene-d12	23.427	264	313800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	129849	74.61	ng	0.00
7) Phenol-d6	6.834	99	108065	45.06	ng	0.00
23) Nitrobenzene-d5	8.804	82	333436	136.83	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	292395	192.82	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	705335	115.17	ng	0.00
79) Terphenyl-d14	19.651	244	1779547	110.10	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.398	82	50	2.96	ng	# 1
32) Benzoic acid	9.775	122	106	7.83	ng	# 48
41) Hexachlorocyclopentadiene	12.386	237	14	6.97	ng	74
48) 2-Nitroaniline	13.404	65	82	5.49	ng	# 24
50) Dimethylphthalate	13.769	163	25230	4.38	ng	97
53) 3-Nitroaniline	14.251	138	67	2.71	ng	# 1
54) 2,4-Dinitrophenol	14.439	184	6	7.52	ng	# 1
56) 4-Nitrophenol	14.575	139	56	5.35	ng	# 8
57) 2,4-Dinitrotoluene	14.698	165	223	3.22	ng	# 75
60) Diethylphthalate	15.139	149	26838	4.94	ng	94
62) 4-Nitroaniline	15.404	138	219	3.99	ng	# 16
74) Di-n-butylphthalate	18.039	149	3289	4.23	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.115	149	1428	3.18	ng	94

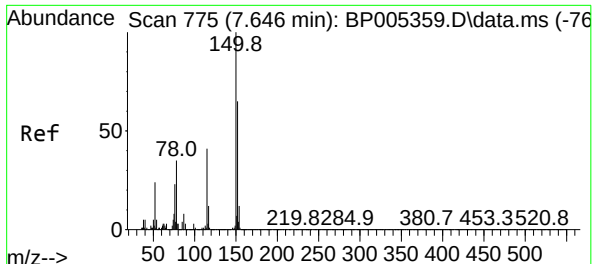
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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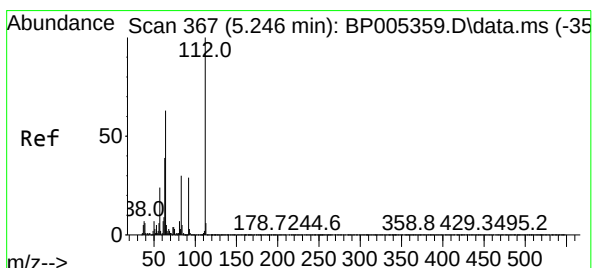
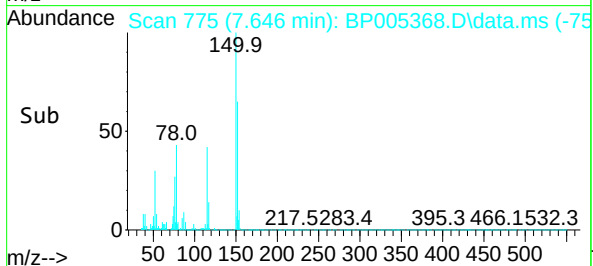
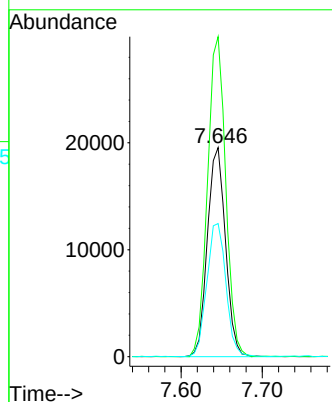
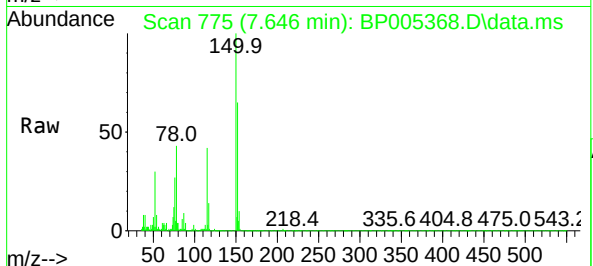




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

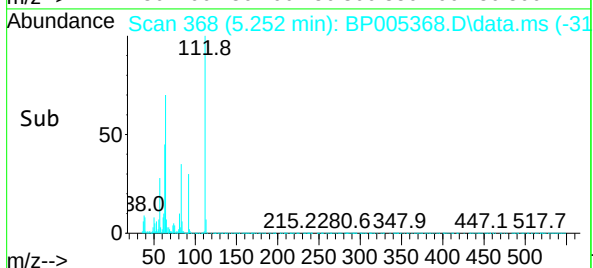
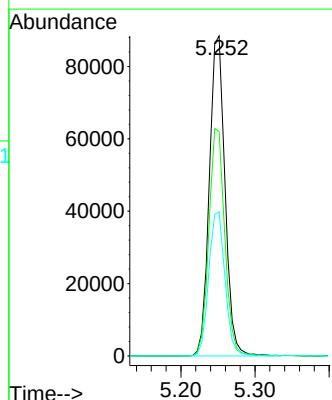
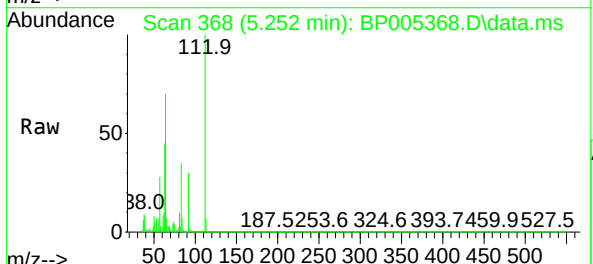
Instrument :
BNA_P
ClientSampled :
TWP-01

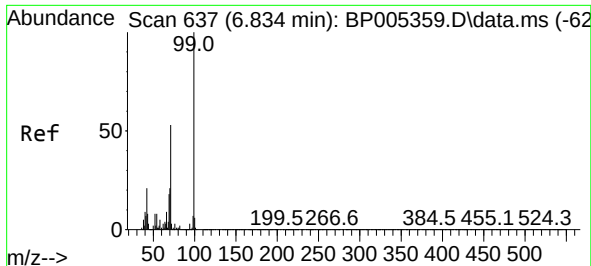
Tgt Ion:152 Resp: 30233
Ion Ratio Lower Upper
152 100
150 153.1 119.8 179.8
115 63.7 49.0 73.4



#5
2-Fluorophenol
Concen: 74.61 ng
RT: 5.252 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:112 Resp: 129849
Ion Ratio Lower Upper
112 100
64 70.2 33.6 50.4#
63 45.1 18.6 27.8#

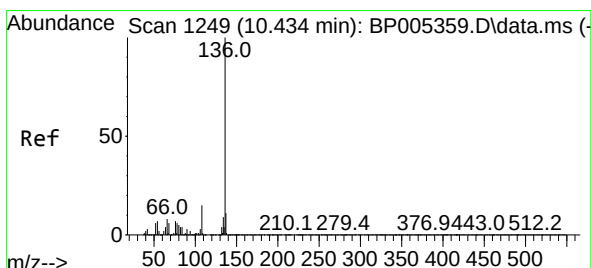
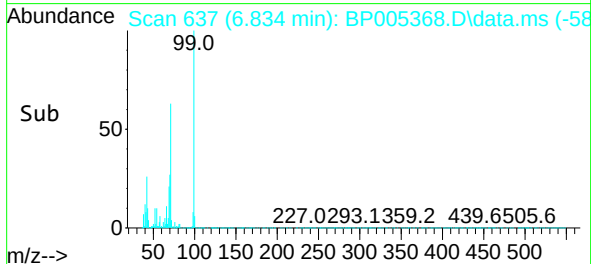
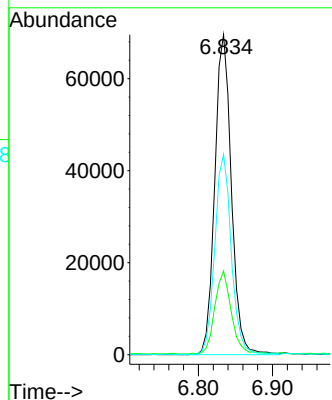
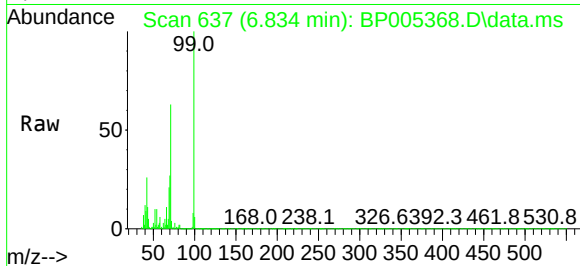




#7
Phenol-d6
Concen: 45.06 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

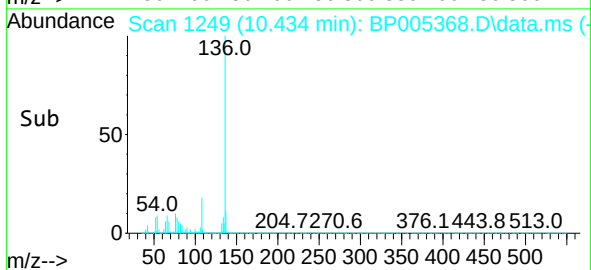
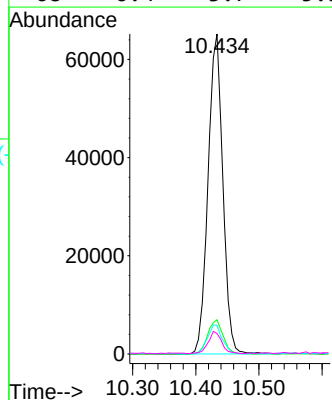
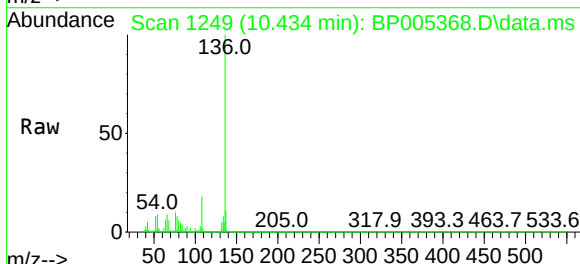
Instrument :
BNA_P
ClientSampleId :
TWP-01

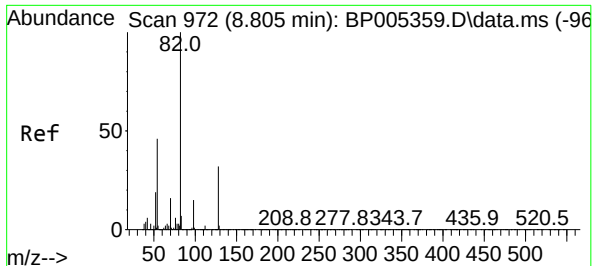
Tgt Ion: 99 Resp: 108065
Ion Ratio Lower Upper
99 100
42 26.1 12.9 19.3#
71 62.6 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion: 136 Resp: 105988
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.0 5.0 7.4#
68 6.4 3.7 5.5#

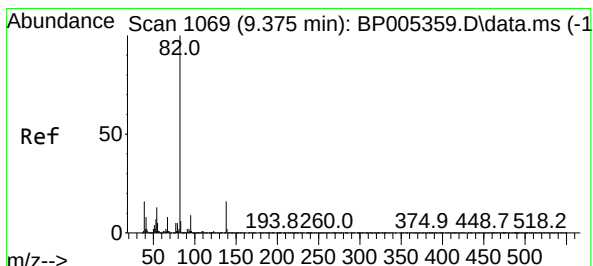
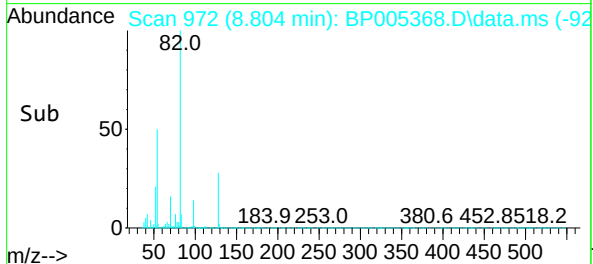
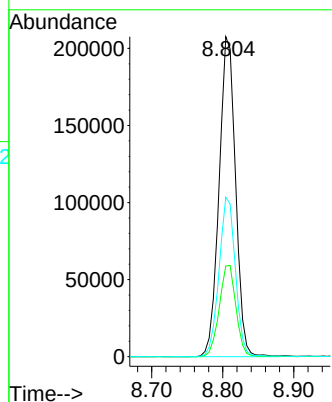
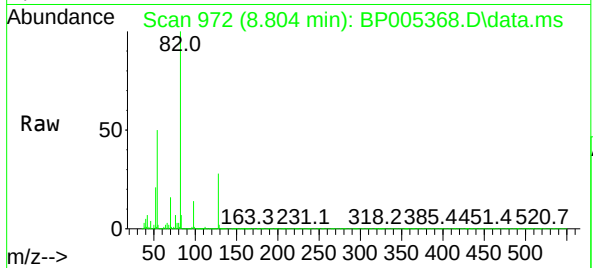




#23
Nitrobenzene-d5
Concen: 136.83 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

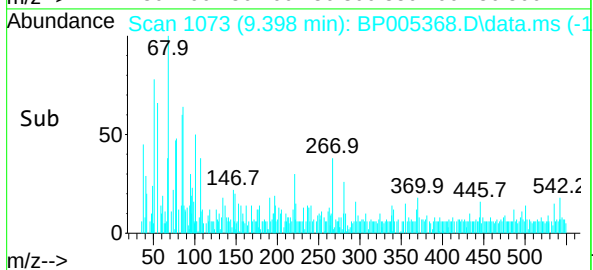
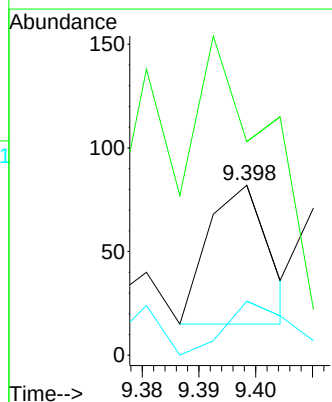
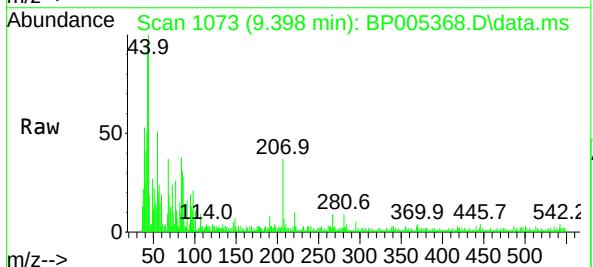
Instrument :
BNA_P
ClientSampleId :
TWP-01

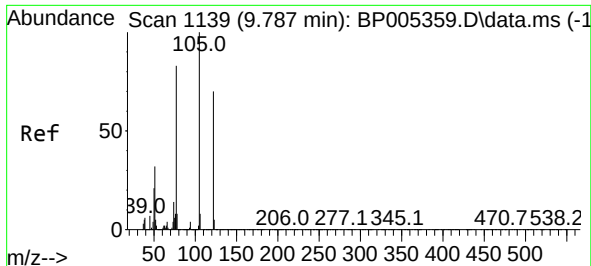
Tgt Ion: 82 Resp: 333436
Ion Ratio Lower Upper
82 100
128 28.3 30.5 45.7#
54 49.8 33.9 50.9



#25
Isophorone
Concen: 2.96 ng
RT: 9.398 min Scan# 1073
Delta R.T. 0.023 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion: 82 Resp: 50
Ion Ratio Lower Upper
82 100
95 125.6 7.5 11.3#
138 31.7 14.6 22.0#

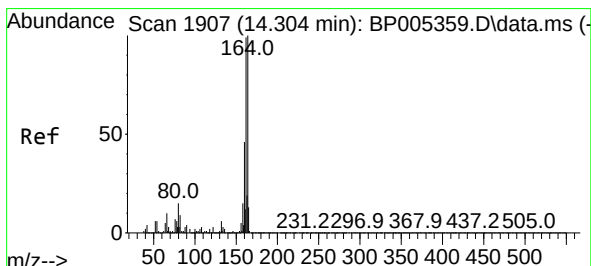
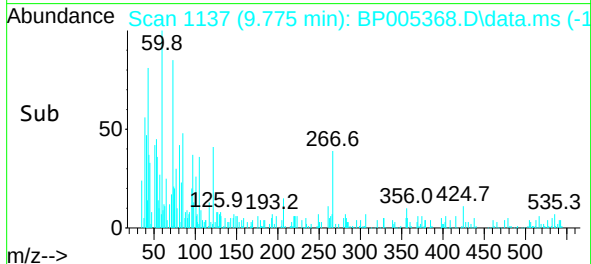
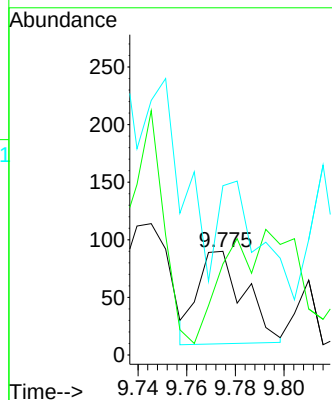
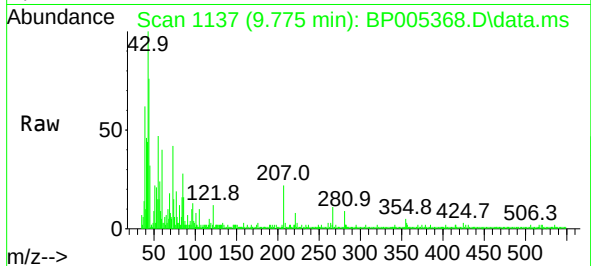




#32
Benzoic acid
Concen: 7.83 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

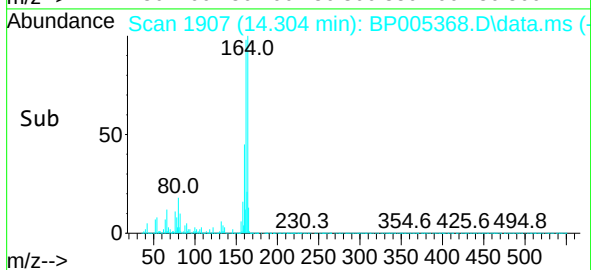
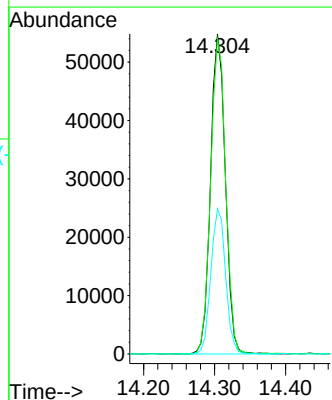
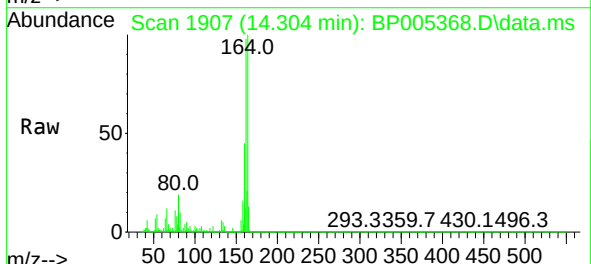
Instrument :
BNA_P
ClientSampled :
TWP-01

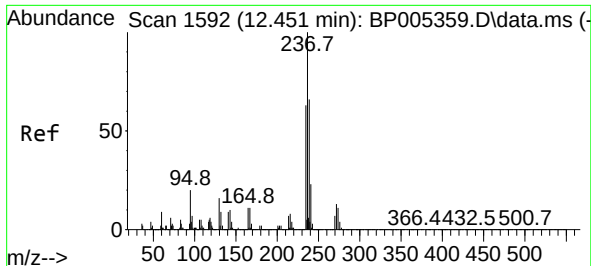
Tgt Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 87.8 105.1 145.1#
77 163.3 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:164 Resp: 79275
Ion Ratio Lower Upper
164 100
162 98.4 73.5 110.3
160 45.4 40.6 61.0

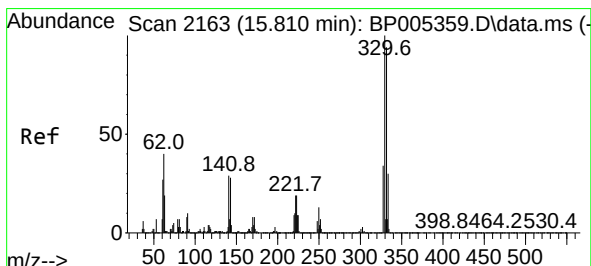
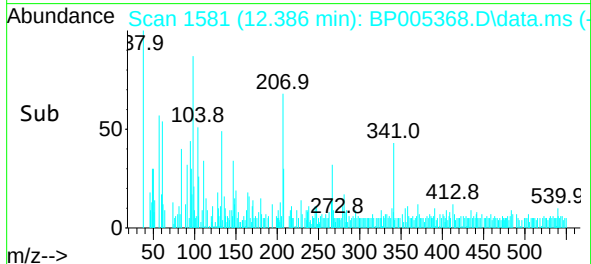
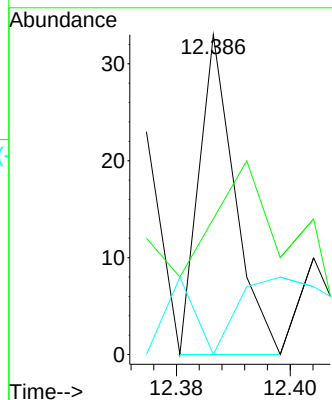
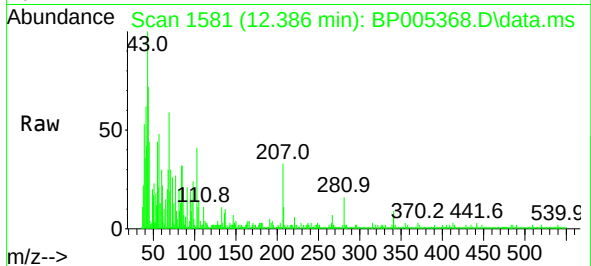




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.386 min Scan# 1581
Delta R.T. -0.065 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

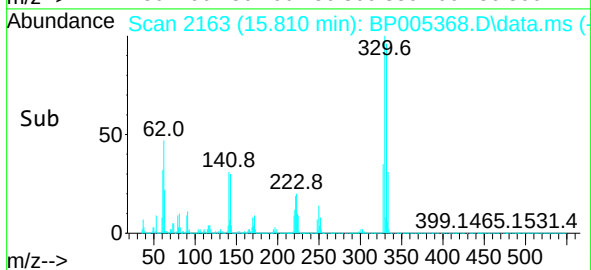
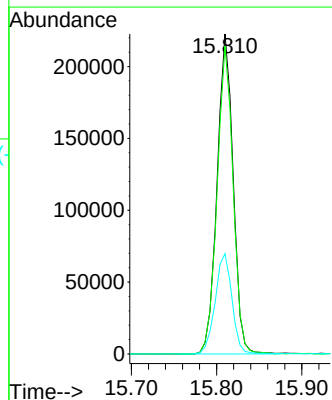
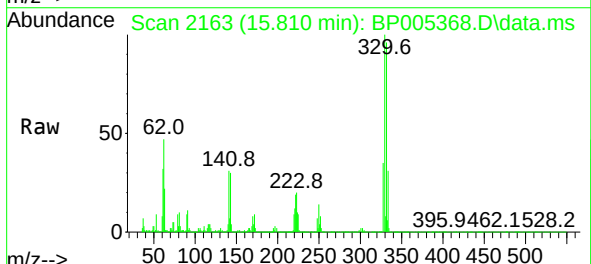
Instrument :
BNA_P
ClientSampleId :
TWP-01

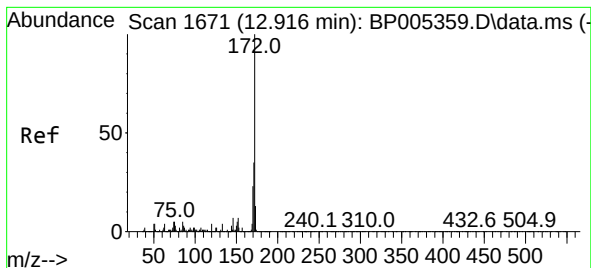
Tgt Ion:	237	Resp:	14
Ion	Ratio	Lower	Upper
237	100		
235	42.4	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 192.82 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:	330	Resp:	292395
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.3	114.5
141	32.9	22.8	34.2

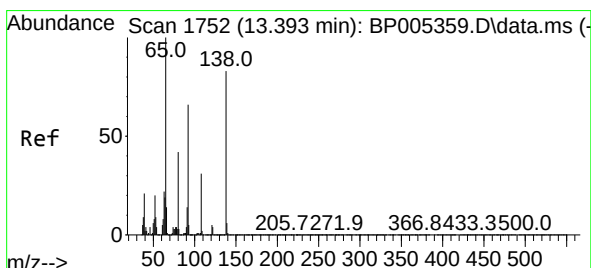
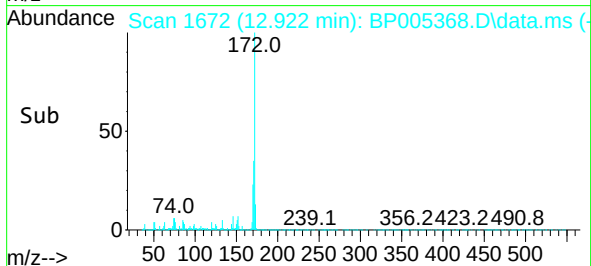
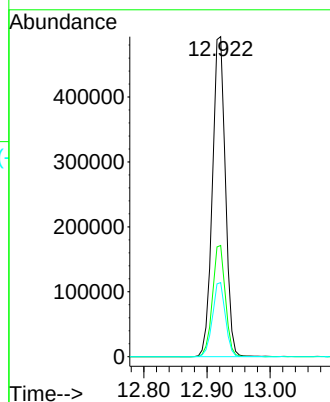
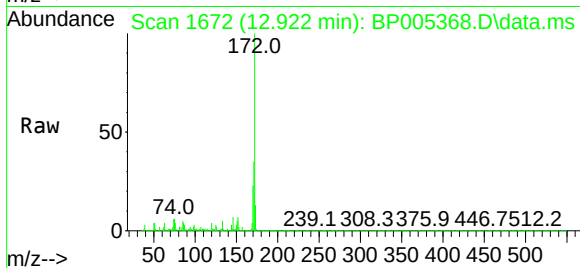




#45
2-Fluorobiphenyl
Concen: 115.17 ng
RT: 12.922 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

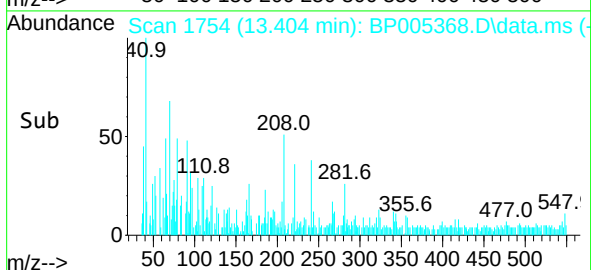
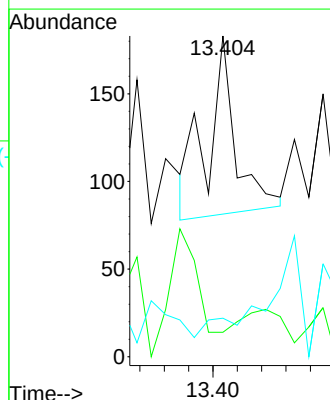
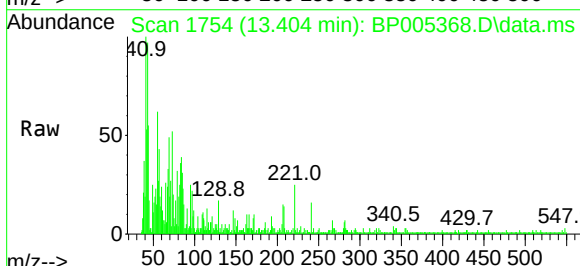
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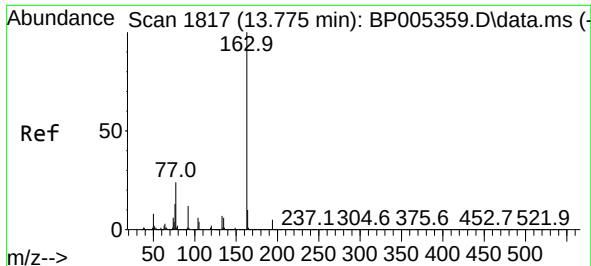
Tgt Ion:172 Resp: 705335
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 19.6 29.4



#48
2-Nitroaniline
Concen: 5.49 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.011 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion: 65 Resp: 82
Ion Ratio Lower Upper
65 100
92 7.7 48.8 73.2#
138 12.0 69.5 104.3#

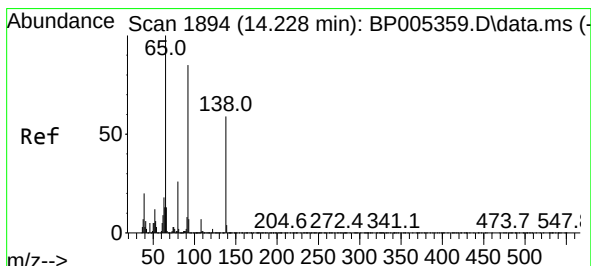
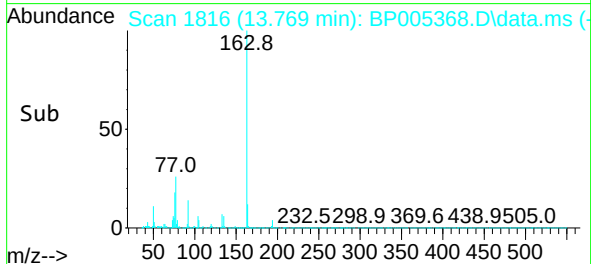
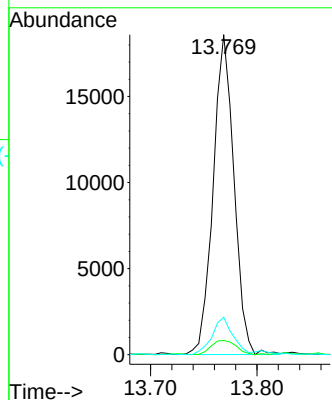
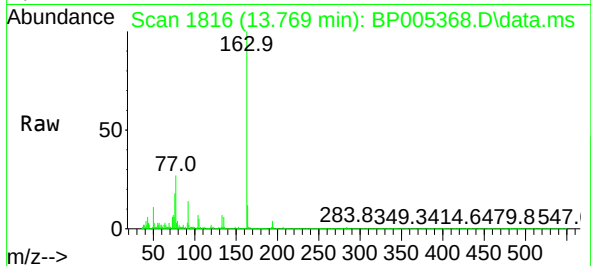




#50
Dimethylphthalate
Concen: 4.38 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

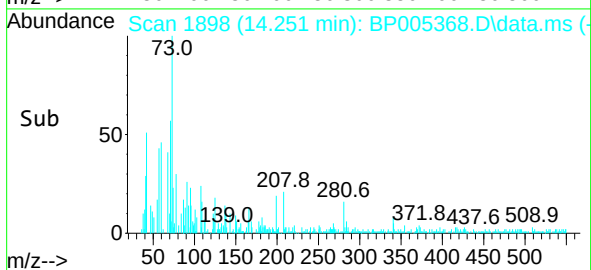
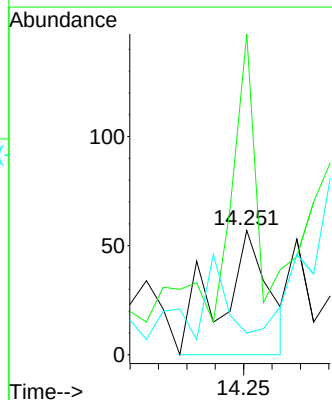
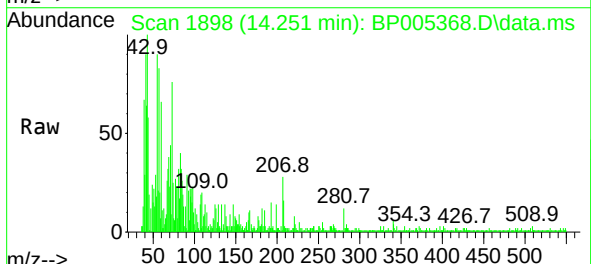
Instrument :
BNA_P
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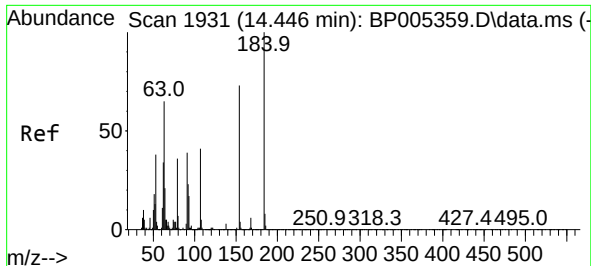
Tgt Ion:163 Resp: 25230
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 11.7 8.1 12.1



#53
3-Nitroaniline
Concen: 2.71 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.023 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
108 196.0 10.2 15.4#
92 13.3 108.1 162.1#

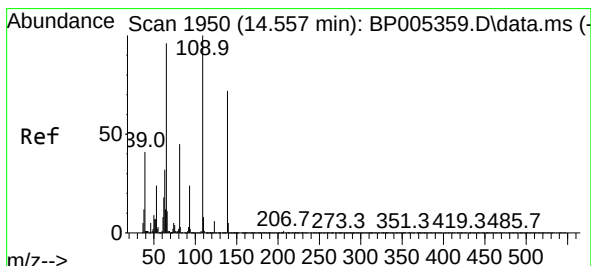
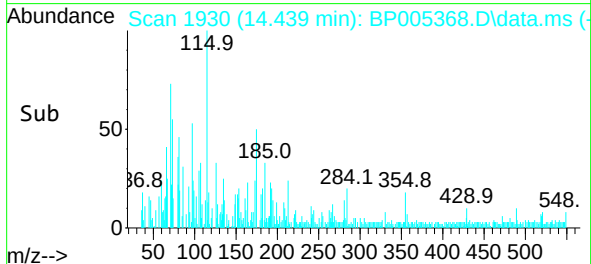
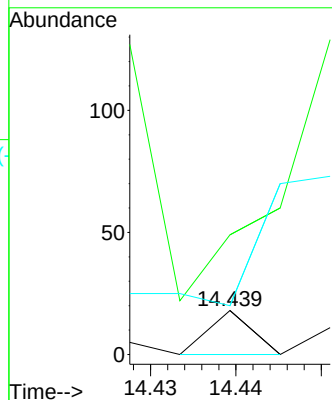
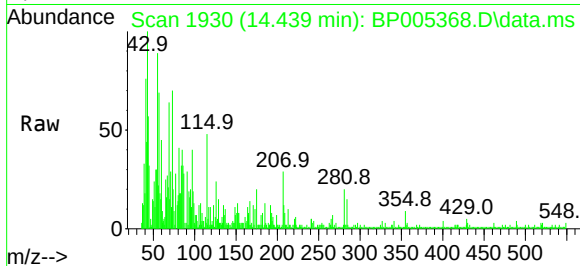




#54
2,4-Dinitrophenol
Concen: 7.52 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

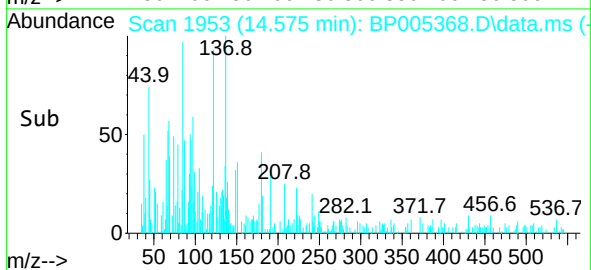
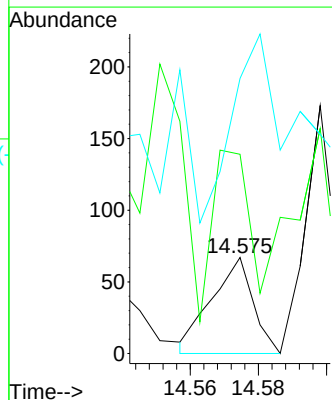
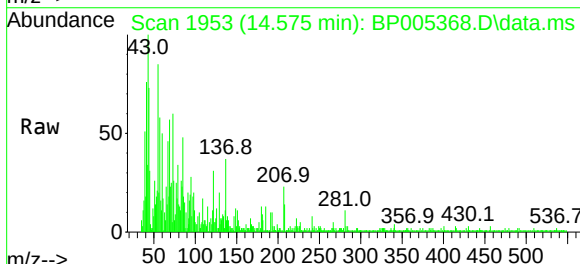
Instrument :
BNA_P
ClientSampled :
TWP-01

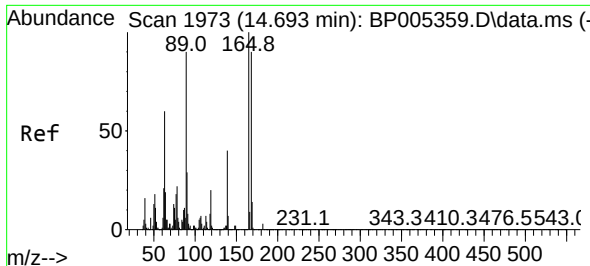
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 272.2 51.2 76.8#
154 111.1 55.8 83.8#



#56
4-Nitrophenol
Concen: 5.35 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.018 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 207.5 122.8 162.8#
65 286.6 110.0 150.0#

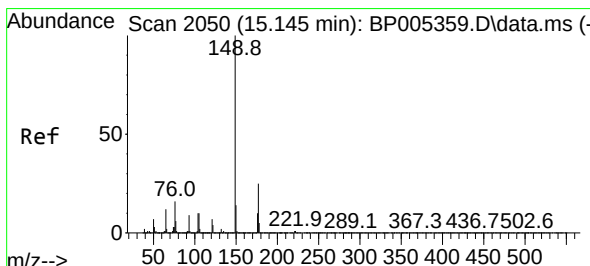
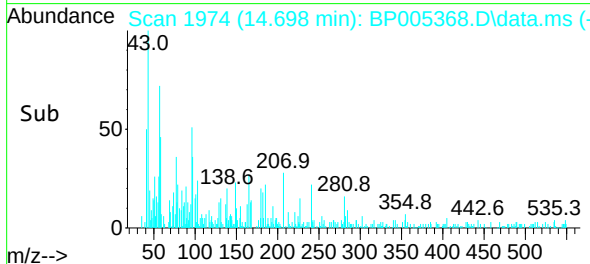
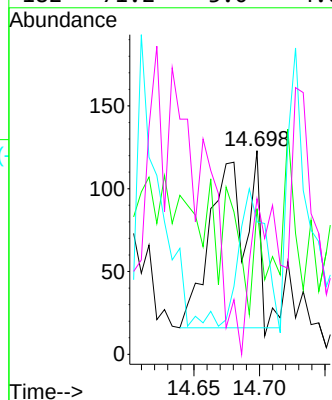
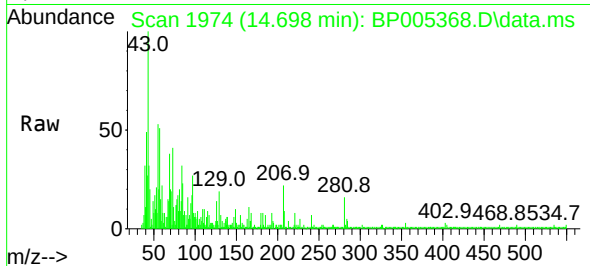




#57
2,4-Dinitrotoluene
Concen: 3.22 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

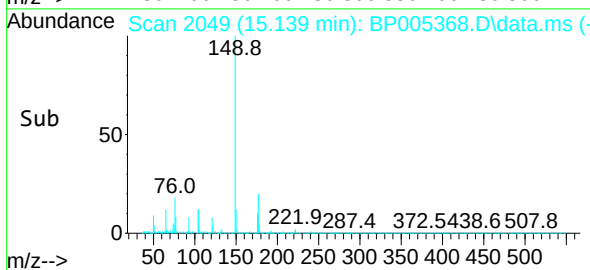
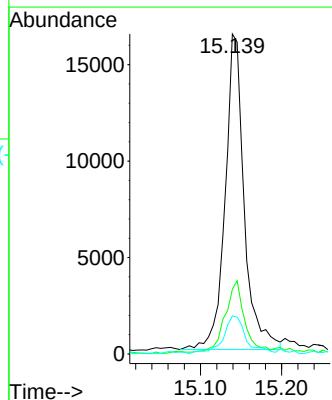
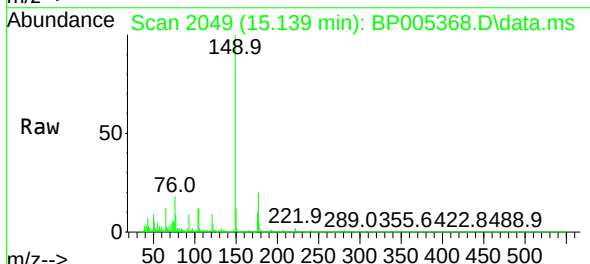
Instrument :
BNA_P
ClientSampled :
TWP-01

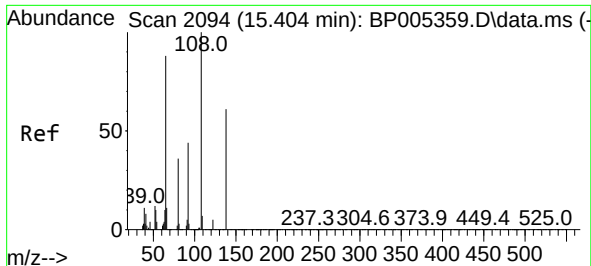
Tgt Ion:165 Resp: 223
Ion Ratio Lower Upper
165 100
63 66.7 56.7 85.1
89 74.2 85.8 128.6#
182 71.2 3.0 4.6#



#60
Diethylphthalate
Concen: 4.94 ng
RT: 15.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:149 Resp: 26838
Ion Ratio Lower Upper
149 100
177 20.2 19.2 28.8
150 11.9 9.9 14.9

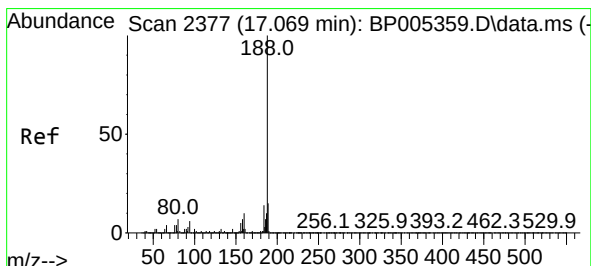
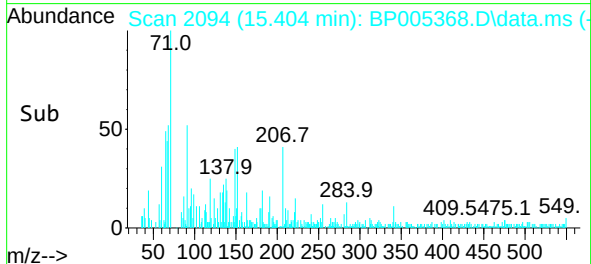
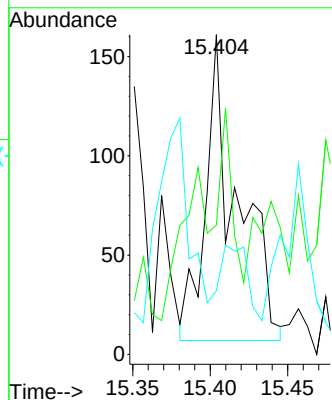
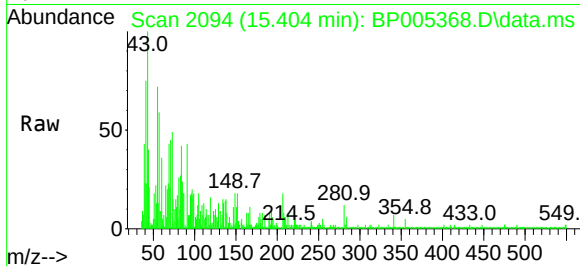




#62
4-Nitroaniline
Concen: 3.99 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

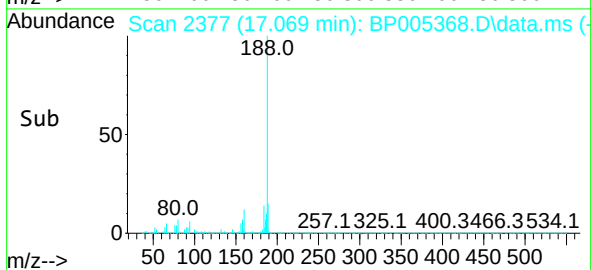
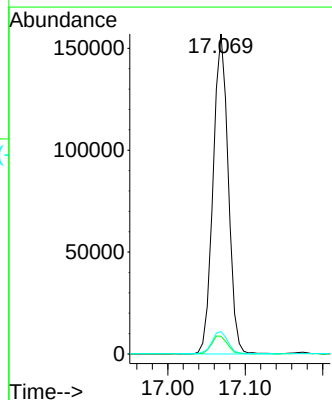
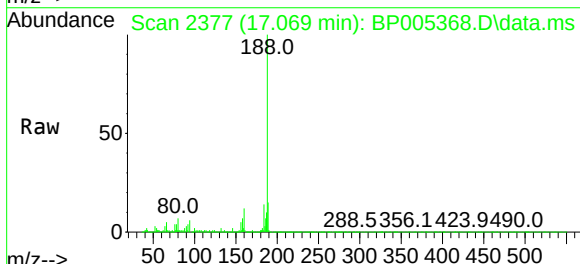
Instrument :
BNA_P
ClientSampleId :
TWP-01

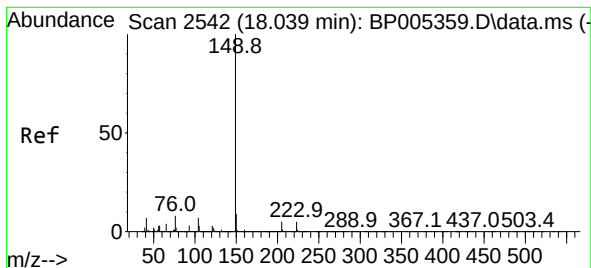
Tgt Ion:138 Resp: 219
Ion Ratio Lower Upper
138 100
92 86.3 50.9 90.9
108 19.9 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005368.D
Acq: 22 Apr 2021 10:54

Tgt Ion:188 Resp: 212925
Ion Ratio Lower Upper
188 100
94 5.6 5.0 7.6
80 7.0 5.9 8.9





#74

Di-n-butylphthalate

Concen: 4.23 ng

RT: 18.039 min Scan# 2542

Delta R.T. 0.000 min

Lab File: BP005368.D

Acq: 22 Apr 2021 10:54

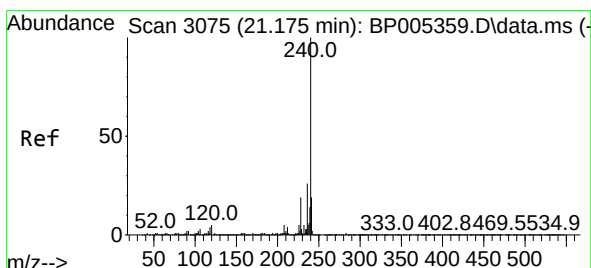
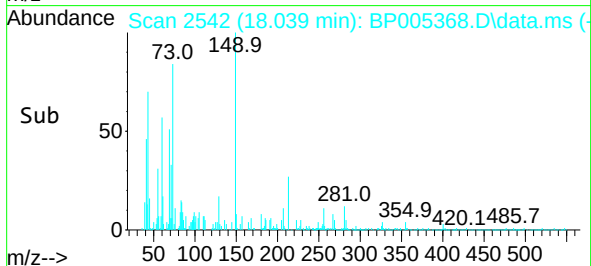
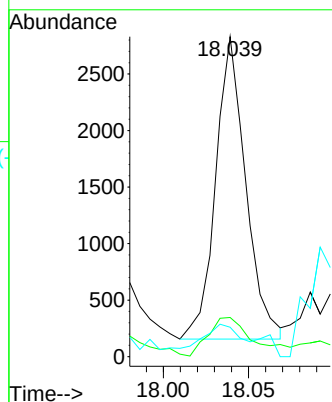
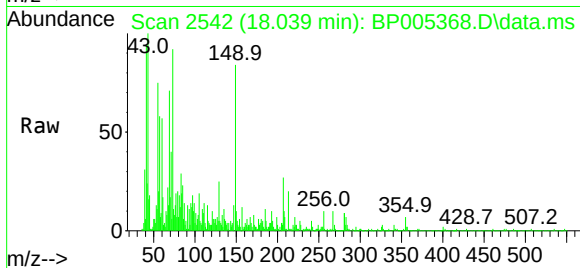
Instrument :

BNA_P

ClientSampled :

TWP-01

Tgt Ion:	149	Resp:	3289
Ion Ratio	Lower	Upper	
149	100		
150	12.3	7.6	11.4#
104	9.2	8.9	13.3



#76

Chrysene-d12

Concen: 20.00 ng

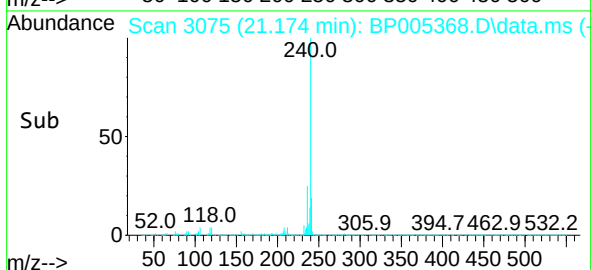
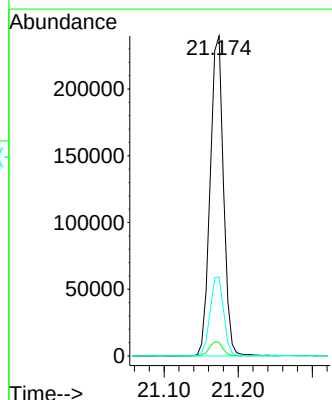
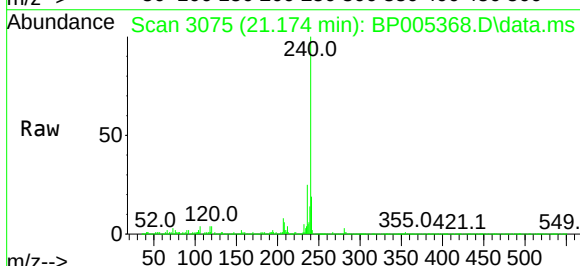
RT: 21.174 min Scan# 3075

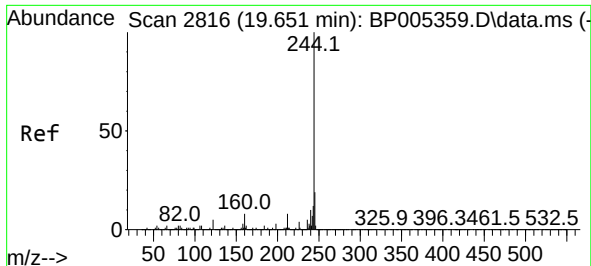
Delta R.T. -0.001 min

Lab File: BP005368.D

Acq: 22 Apr 2021 10:54

Tgt Ion:	240	Resp:	299516
Ion Ratio	Lower	Upper	
240	100		
120	4.2	4.2	6.2
236	24.7	20.2	30.2

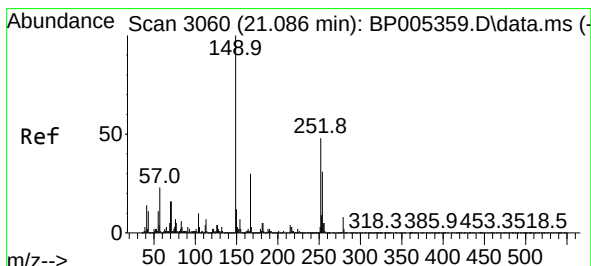
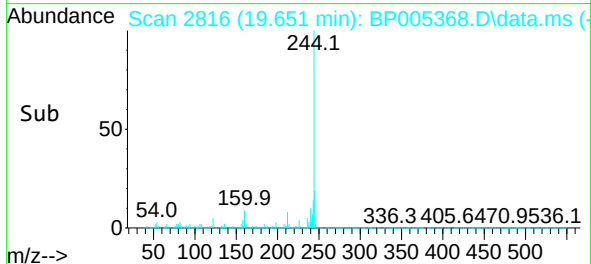
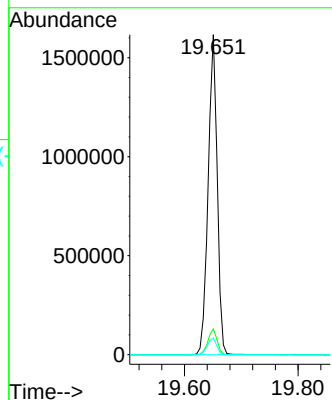
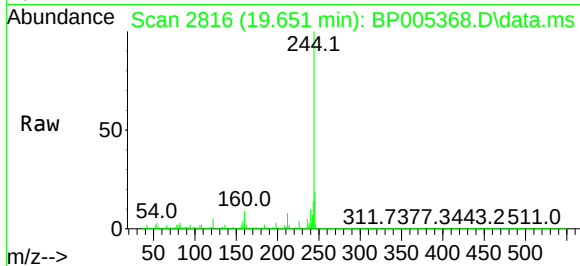




#79
 Terphenyl-d14
 Concen: 110.10 ng
 RT: 19.651 min Scan# 2816
 Delta R.T. -0.000 min
 Lab File: BP005368.D
 Acq: 22 Apr 2021 10:54

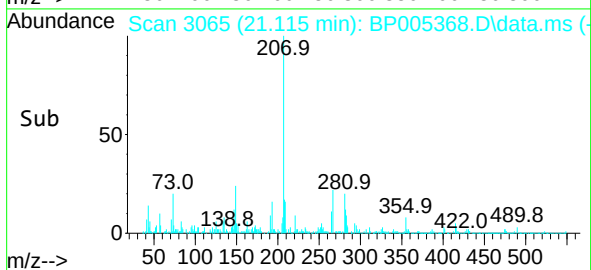
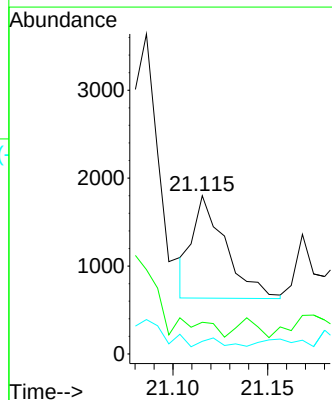
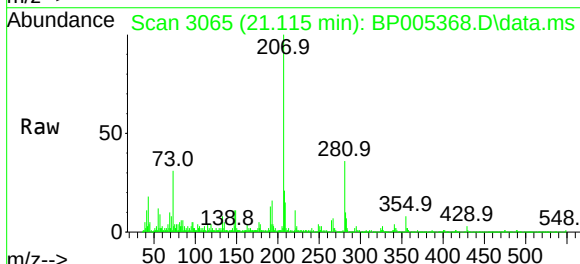
Instrument :
 BNA_P
 ClientSampleId :
 TWP-01

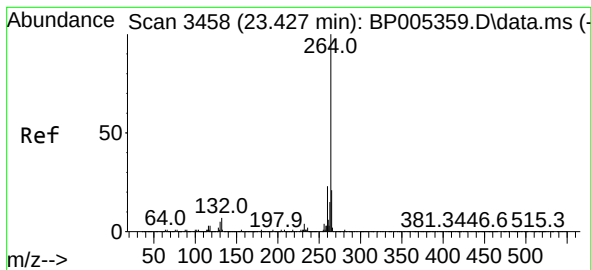
Tgt Ion:244 Resp: 1779547
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 5.2 5.2 7.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.18 ng
 RT: 21.115 min Scan# 3065
 Delta R.T. 0.029 min
 Lab File: BP005368.D
 Acq: 22 Apr 2021 10:54

Tgt Ion:149 Resp: 1428
 Ion Ratio Lower Upper
 149 100
 167 26.3 23.8 35.8
 279 8.0 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: BP005368.D
Acq: 22 Apr 2021 10:54

Instrument :
BNA_P
ClientSampleId :
TWP-01

Tgt Ion:264 Resp: 313800

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.7	19.0	28.6

