

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005369.D
 Acq On : 22 Apr 2021 11:27
 Operator : CG/JU
 Sample : M2036-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-80-W-ROCKAWAY-A-2

Quant Time: Apr 22 12:53:06 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)

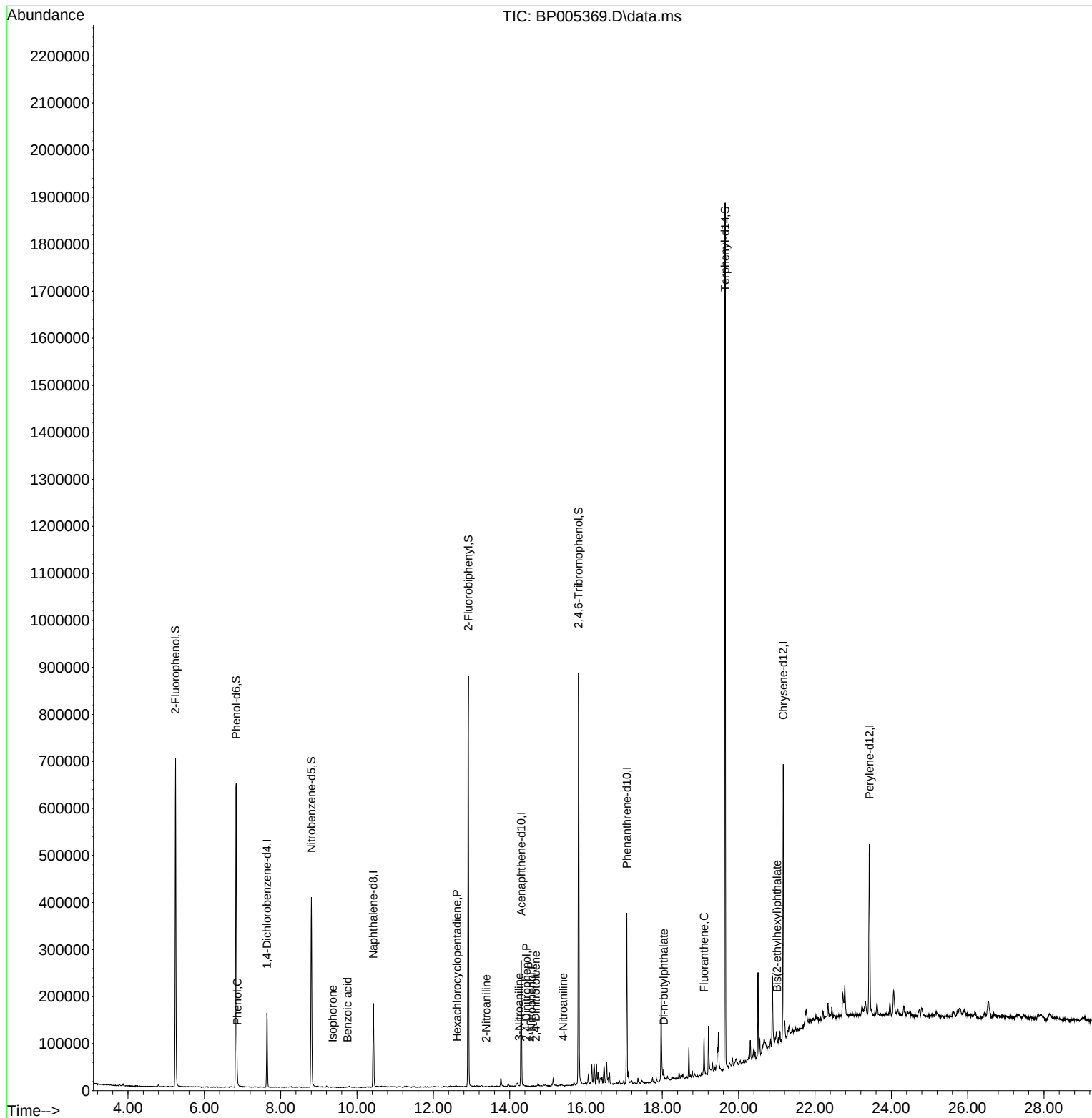
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	32317	20.00	ng	# 0.00
21) Naphthalene-d8	10.428	136	114178	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	80003	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	192311	20.00	ng	0.00
76) Chrysene-d12	21.169	240	252247	20.00	ng	0.00
86) Perylene-d12	23.427	264	259206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	211462	113.66	ng	0.00
7) Phenol-d6	6.834	99	285642	111.44	ng	0.00
23) Nitrobenzene-d5	8.805	82	221809	84.49	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	139704	91.29	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	362755	58.70	ng	0.00
79) Terphenyl-d14	19.645	244	704339	51.74	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.864	94	7310	2.86	ng	# 69
25) Isophorone	9.363	82	127	2.98	ng	# 25
32) Benzoic acid	9.752	122	97	7.81	ng	88
41) Hexachlorocyclopentadiene	12.616	237	22	6.98	ng	84
48) 2-Nitroaniline	13.387	65	55	5.48	ng	# 24
53) 3-Nitroaniline	14.251	138	34	2.68	ng	# 12
54) 2,4-Dinitrophenol	14.440	184	16	7.53	ng	# 14
56) 4-Nitrophenol	14.575	139	10	5.31	ng	# 1
57) 2,4-Dinitrotoluene	14.687	165	23	3.12	ng	# 48
62) 4-Nitroaniline	15.404	138	16	3.83	ng	# 52
74) Di-n-butylphthalate	18.039	149	10470	4.94	ng	# 95
75) Fluoranthene	19.092	202	31601	2.25	ng	97
84) Bis(2-ethylhexyl)phtha...	21.004	149	546	3.07	ng	98

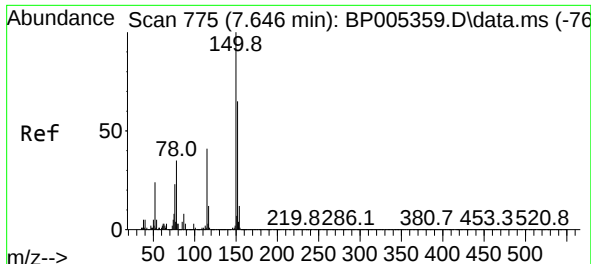
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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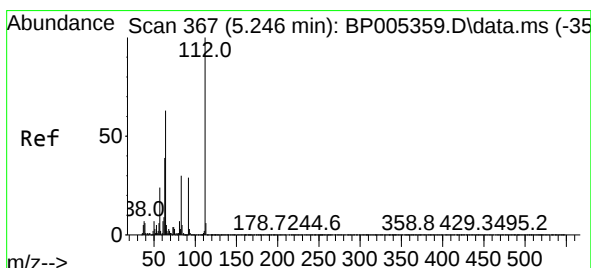
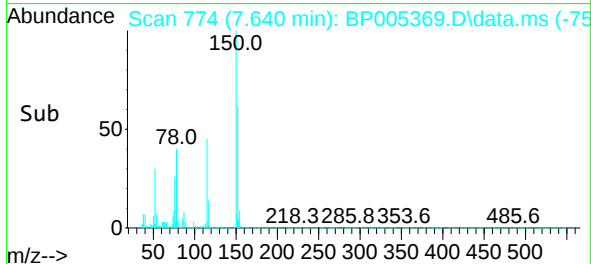
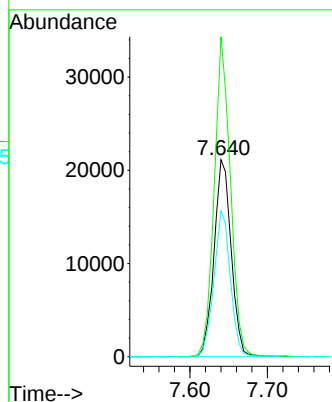
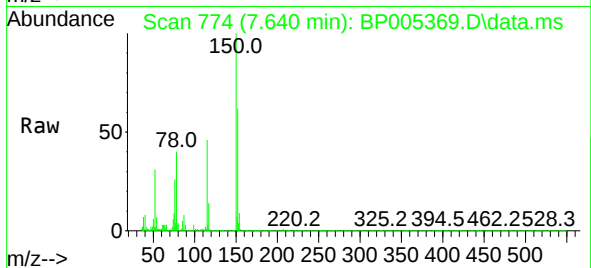




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

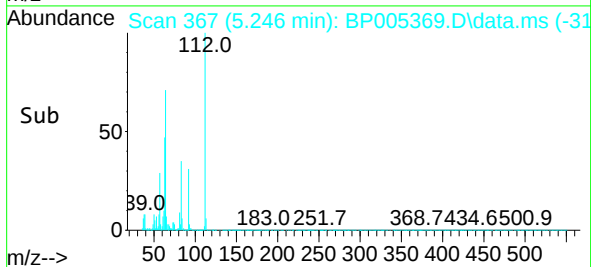
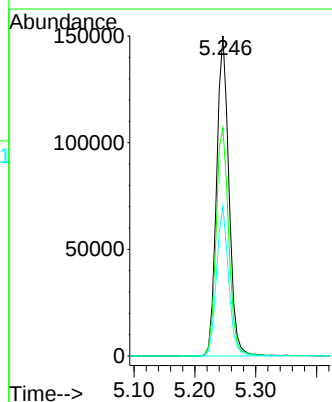
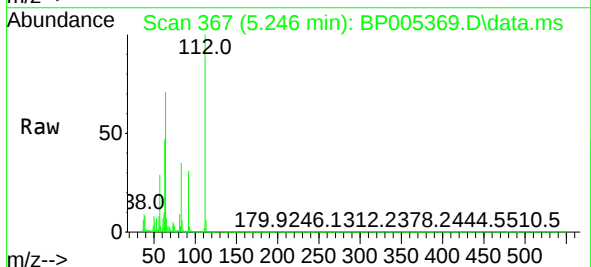
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

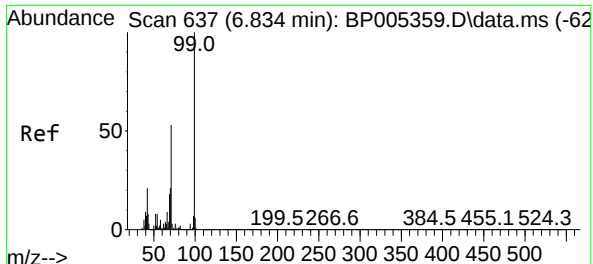
Tgt Ion:152 Resp: 32317
Ion Ratio Lower Upper
152 100
150 162.5 119.8 179.8
115 73.9 49.0 73.4#



#5
2-Fluorophenol
Concen: 113.66 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:112 Resp: 211462
Ion Ratio Lower Upper
112 100
64 71.3 33.6 50.4#
63 46.8 18.6 27.8#

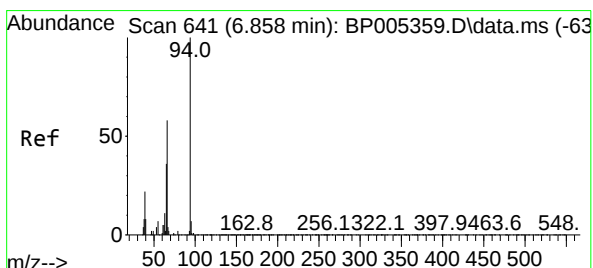
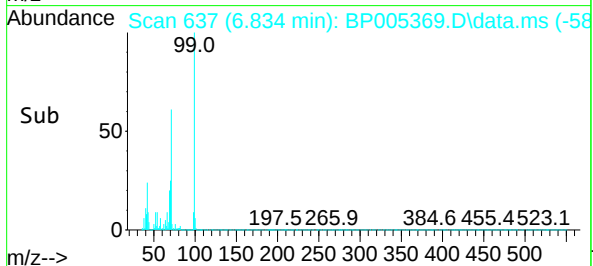
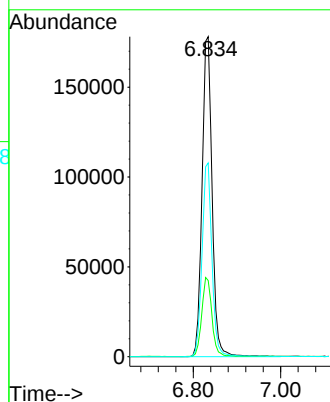
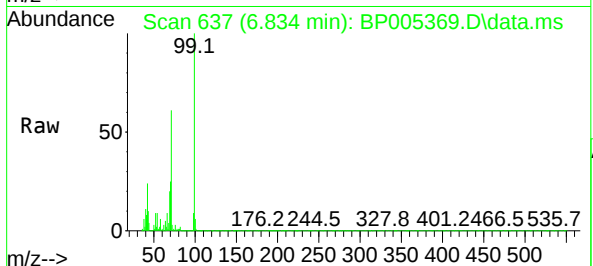




#7
Phenol-d6
Concen: 111.44 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

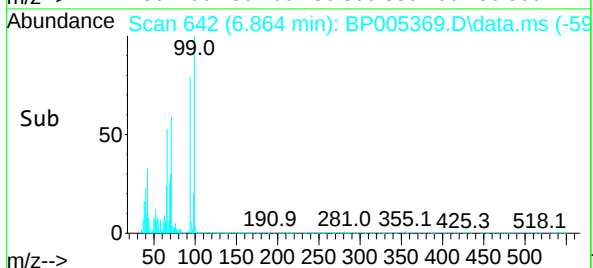
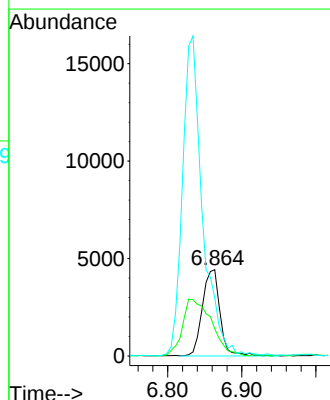
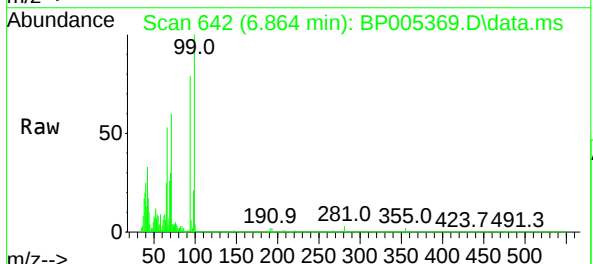
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

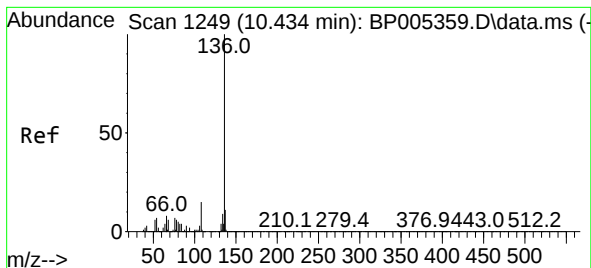
Tgt Ion: 99 Resp: 285642
Ion Ratio Lower Upper
99 100
42 23.8 12.9 19.3#
71 60.6 26.7 40.1#



#10
Phenol
Concen: 2.86 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion: 94 Resp: 7310
Ion Ratio Lower Upper
94 100
65 31.5 8.0 48.0
66 67.2 17.3 57.3#

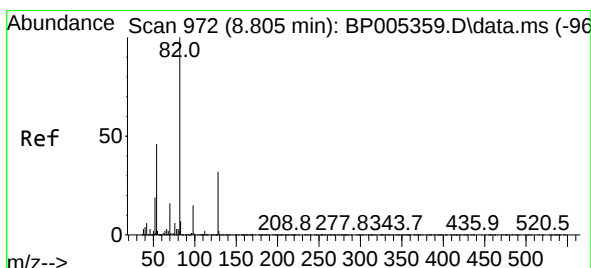
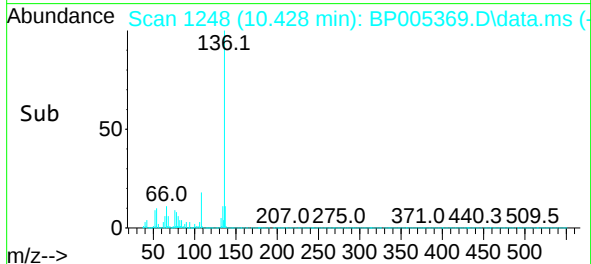
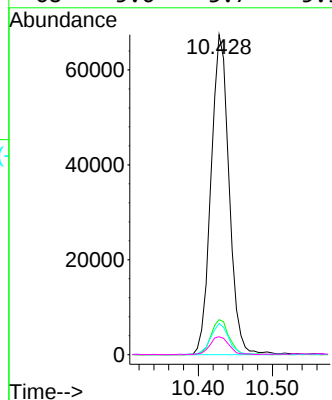
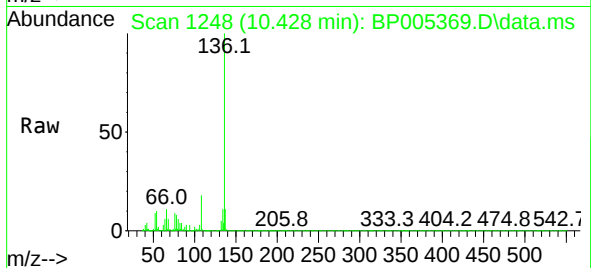




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

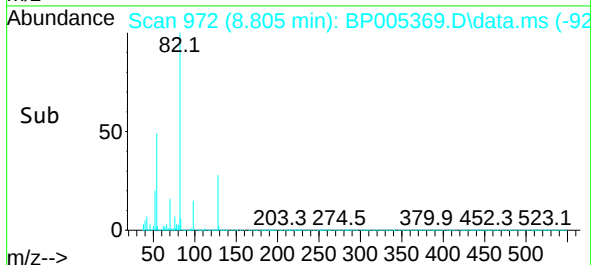
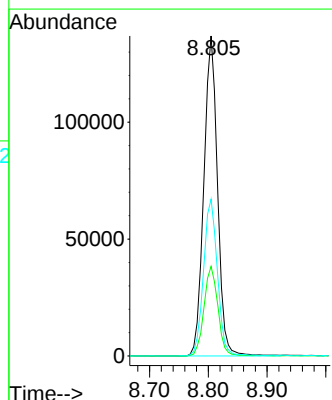
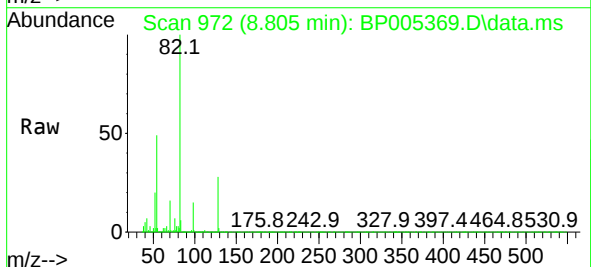
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

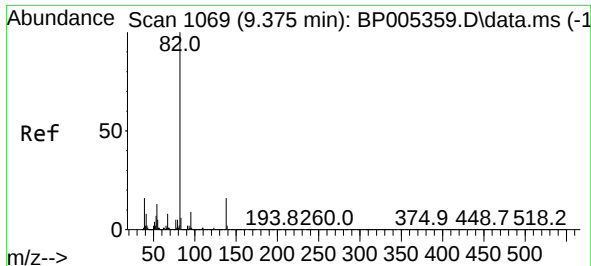
Tgt Ion:	136	Resp:	114178
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.8	5.0	7.4#
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 84.49 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:	82	Resp:	221809
Ion Ratio	Lower	Upper	
82	100		
128	28.0	30.5	45.7#
54	49.0	33.9	50.9

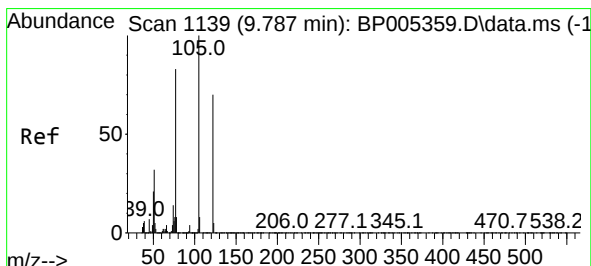
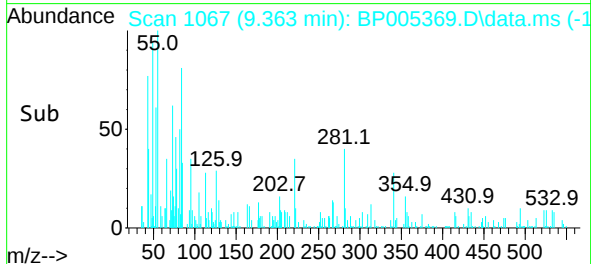
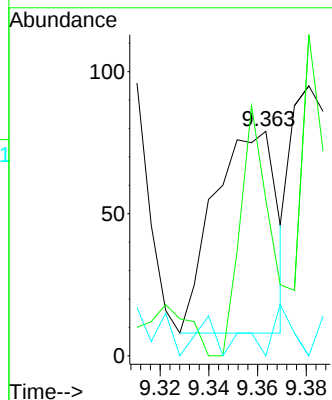
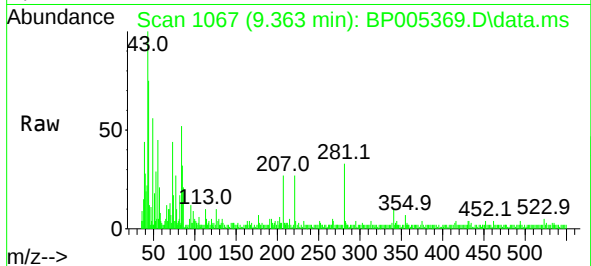




#25
Isophorone
Concen: 2.98 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

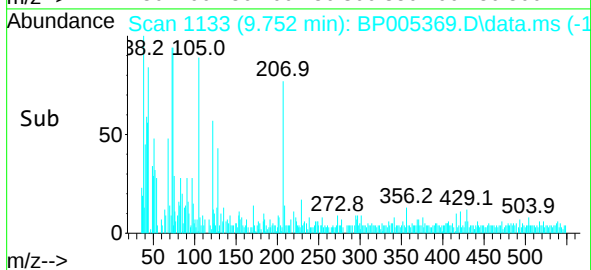
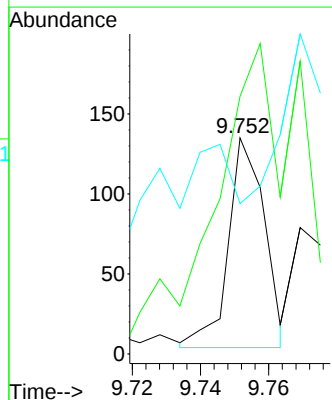
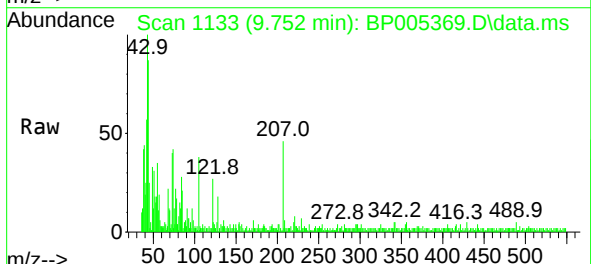
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

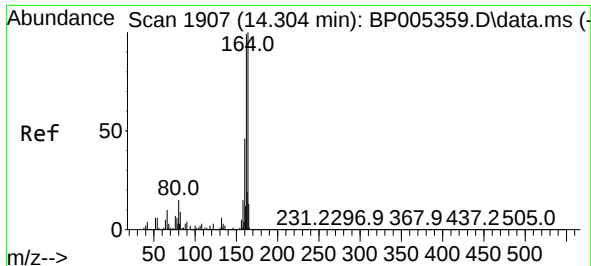
Tgt Ion: 82 Resp: 127
Ion Ratio Lower Upper
82 100
95 61.1 7.5 11.3#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.81 ng
RT: 9.752 min Scan# 1133
Delta R.T. -0.035 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion: 122 Resp: 97
Ion Ratio Lower Upper
122 100
105 119.3 105.1 145.1
77 69.6 69.6 109.6

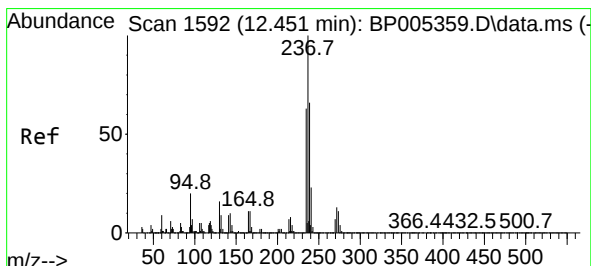
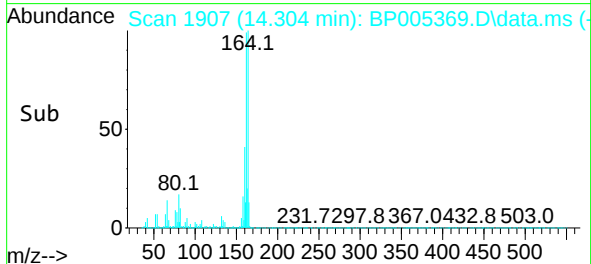
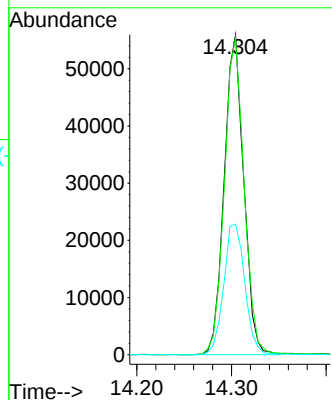
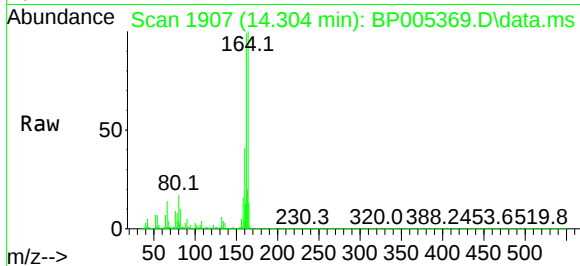




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

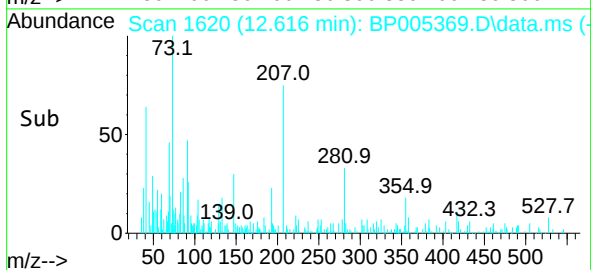
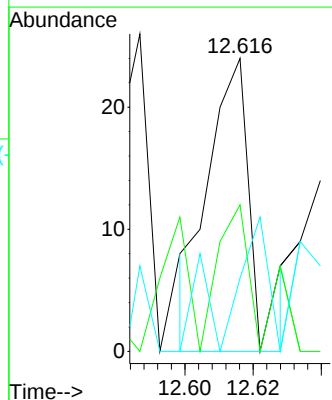
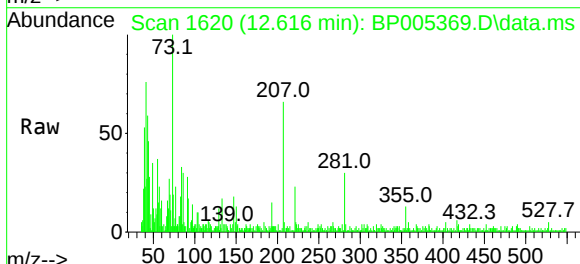
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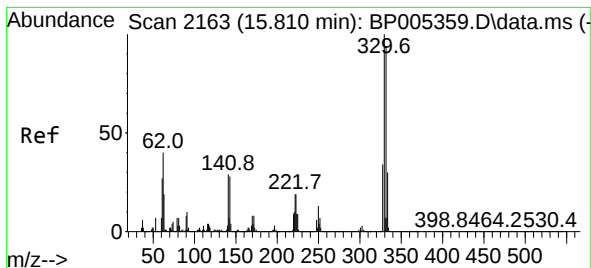
Tgt Ion:164 Resp: 80003
Ion Ratio Lower Upper
164 100
162 99.0 73.5 110.3
160 40.8 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.616 min Scan# 1620
Delta R.T. 0.165 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 50.0 40.9 80.9
272 25.0 0.0 34.6

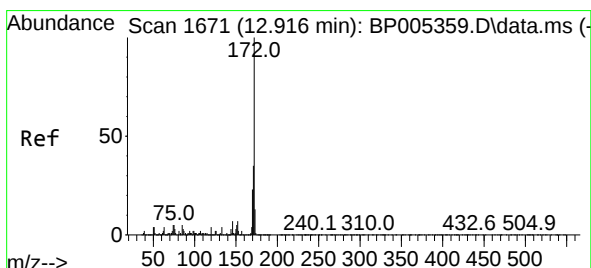
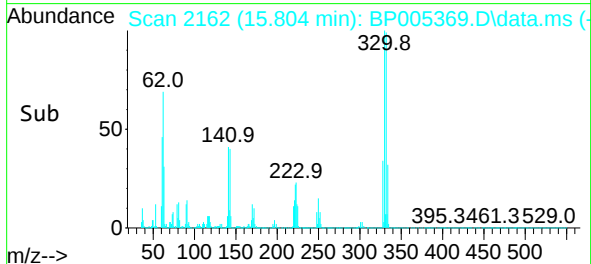
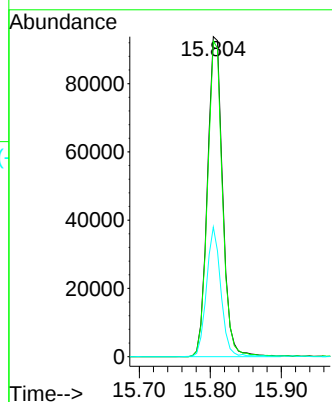
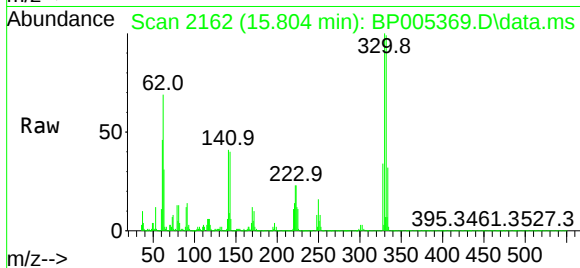




#42
2,4,6-Tribromophenol
Concen: 91.29 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

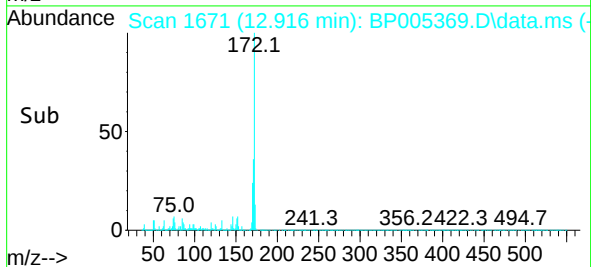
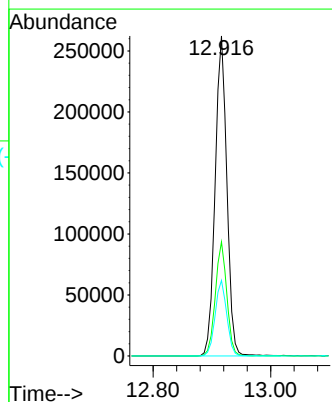
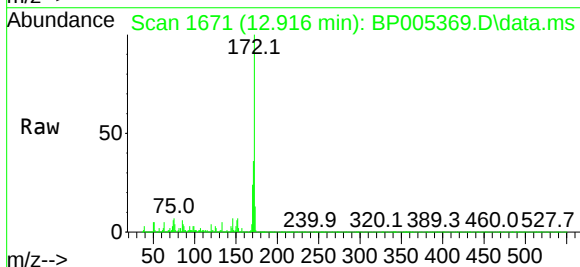
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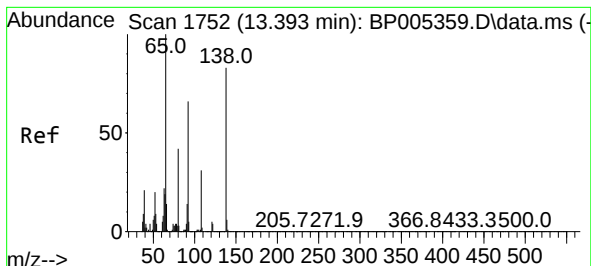
Tgt Ion:330 Resp: 139704
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 38.3 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 58.70 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:172 Resp: 362755
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.6 19.6 29.4

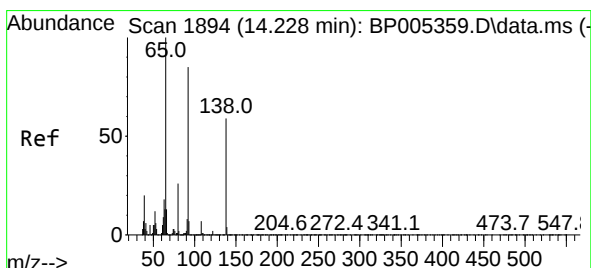
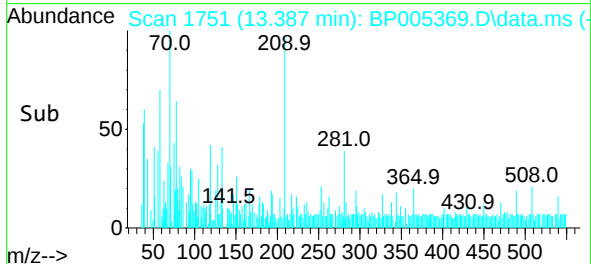
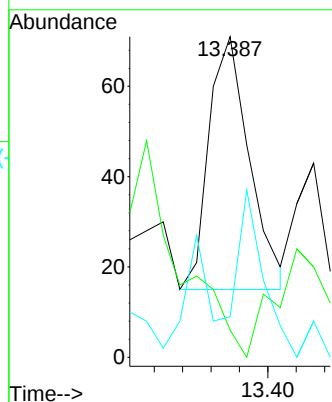
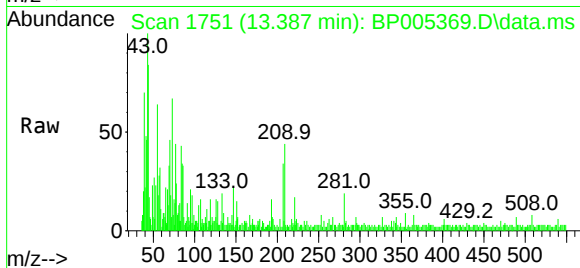




#48
2-Nitroaniline
Concen: 5.48 ng
RT: 13.387 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

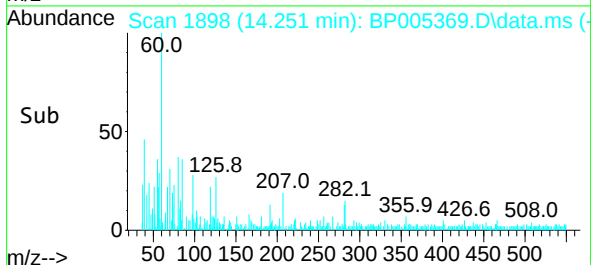
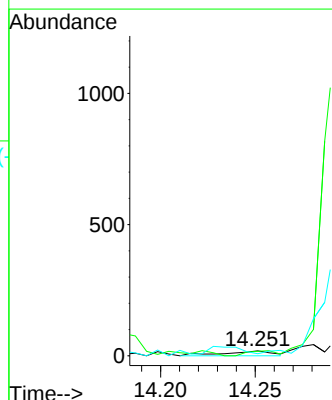
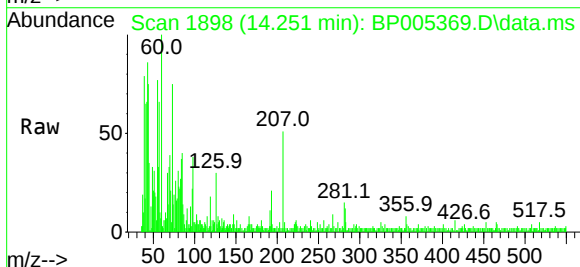
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

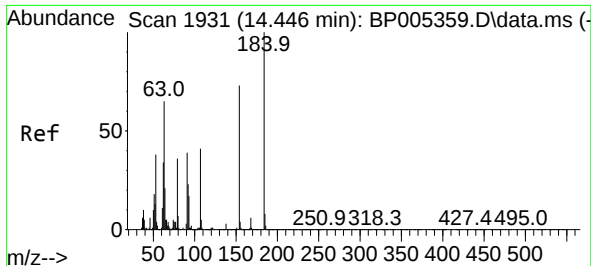
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 8.5 48.8 73.2#
138 12.7 69.5 104.3#



#53
3-Nitroaniline
Concen: 2.68 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.023 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion: 138 Resp: 34
Ion Ratio Lower Upper
138 100
108 89.5 10.2 15.4#
92 42.1 108.1 162.1#

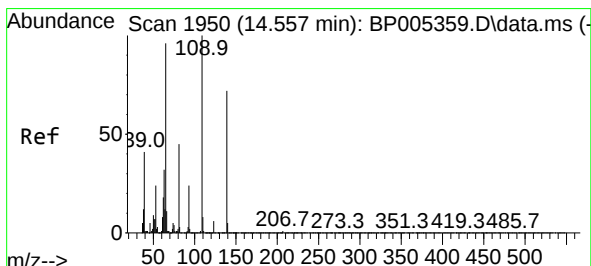
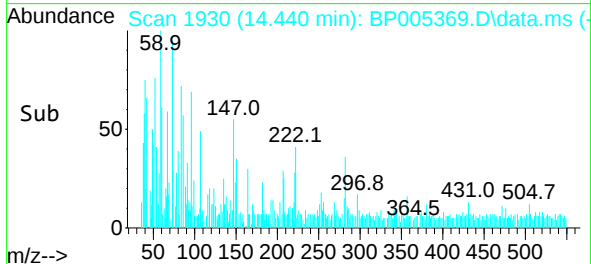
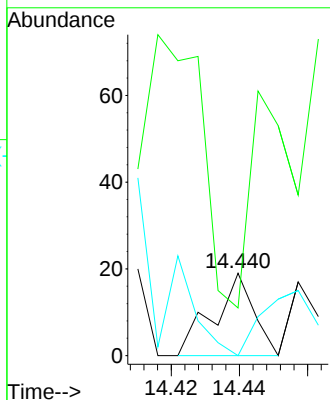
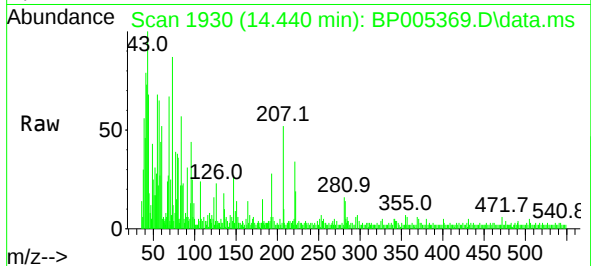




#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

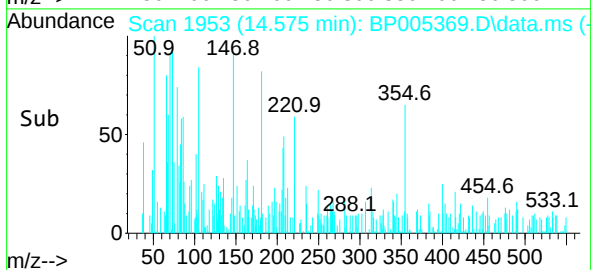
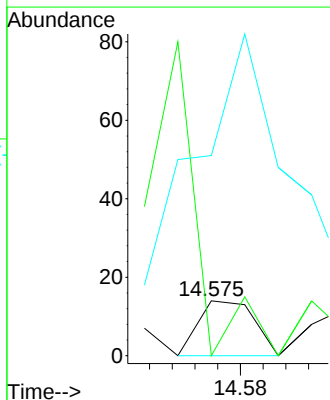
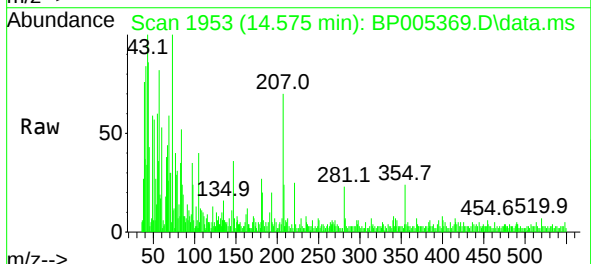
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

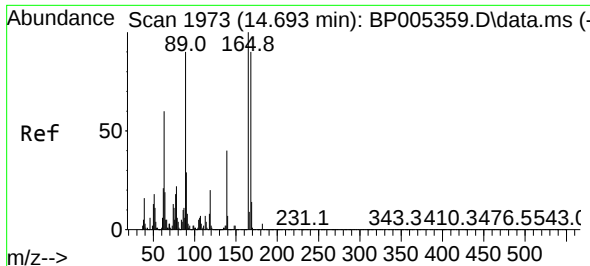
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 131.6 51.2 76.8#
154 0.0 55.8 83.8#



#56
4-Nitrophenol
Concen: 5.31 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.018 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 0.0 122.8 162.8#
65 364.3 110.0 150.0#

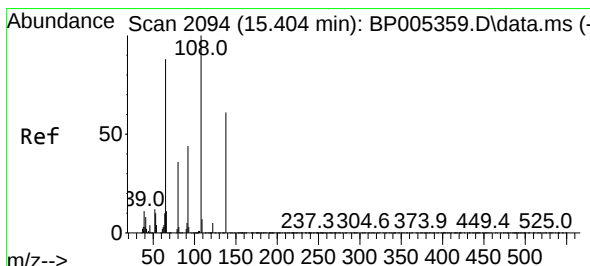
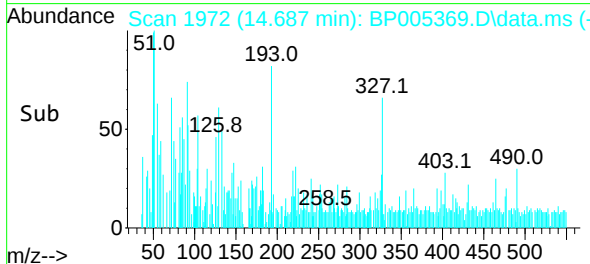
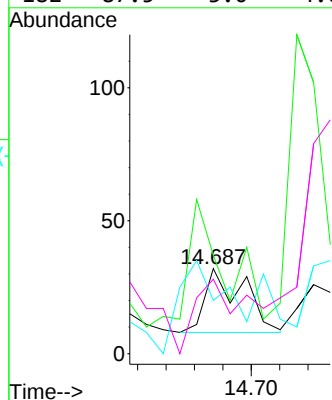
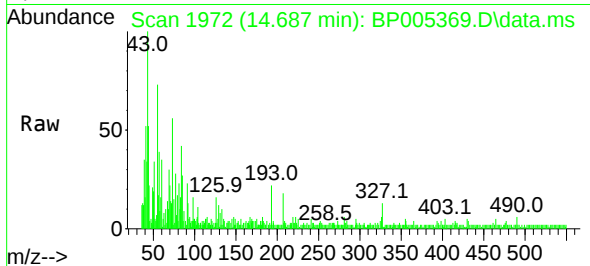




#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

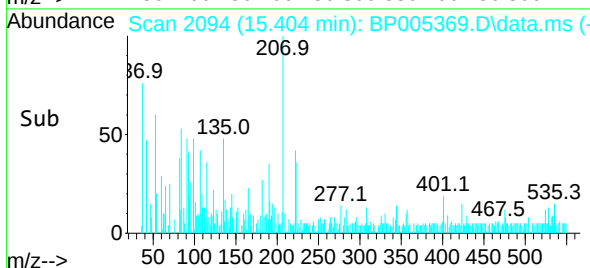
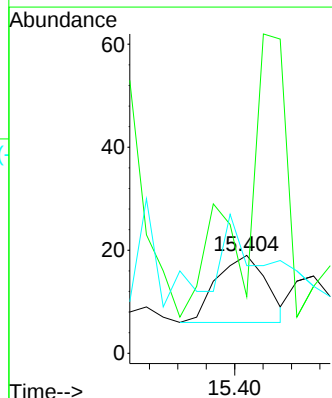
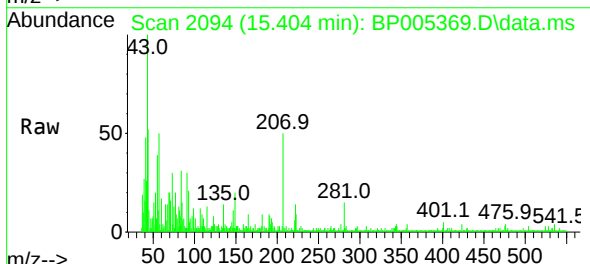
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

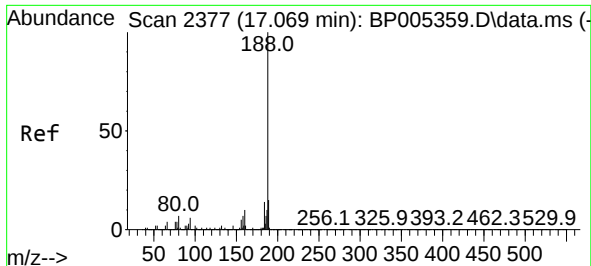
Tgt Ion:	165	Resp:	23
Ion	Ratio	Lower	Upper
165	100		
63	115.6	56.7	85.1#
89	62.5	85.8	128.6#
182	87.5	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:	138	Resp:	16
Ion	Ratio	Lower	Upper
138	100		
92	57.9	50.9	90.9
108	89.5	154.7	194.7#

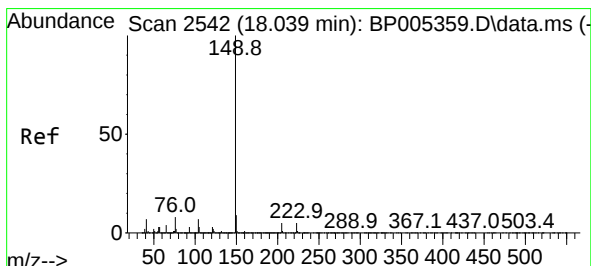
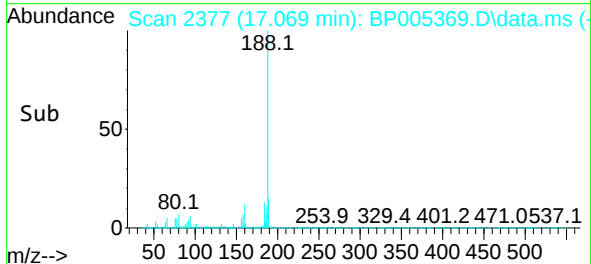
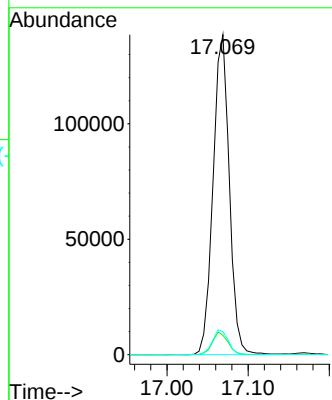
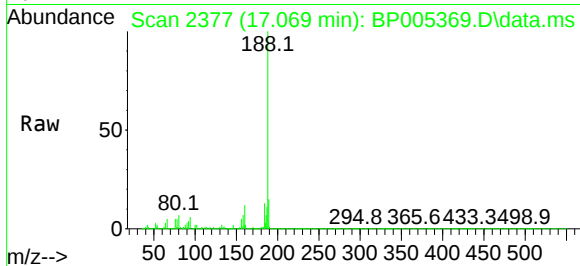




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

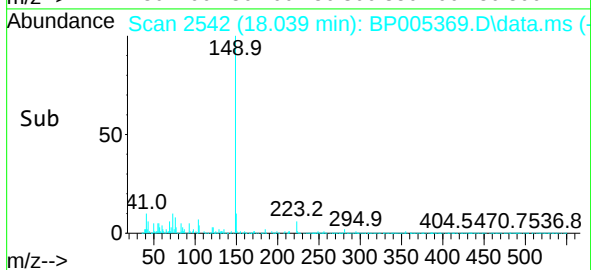
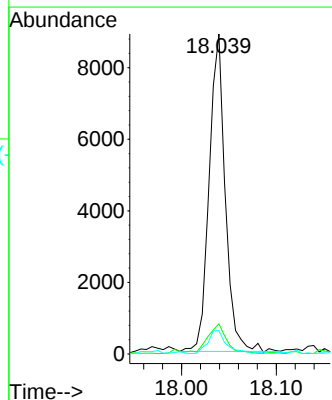
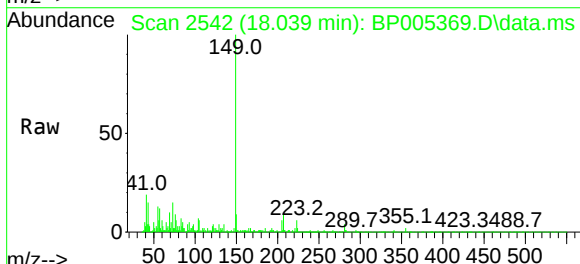
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

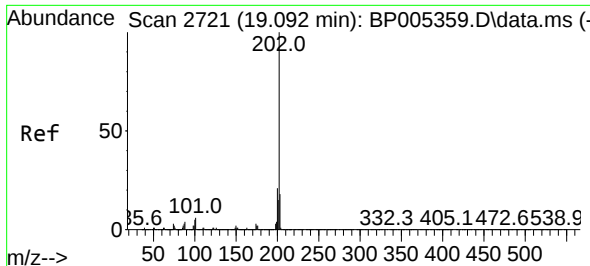
Tgt Ion:188	Resp: 192311
Ion Ratio	Lower Upper
188 100	
94 6.1	5.0 7.6
80 7.2	5.9 8.9



#74
Di-n-butylphthalate
Concen: 4.94 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:149	Resp: 10470
Ion Ratio	Lower Upper
149 100	
150 9.4	7.6 11.4
104 7.3	8.9 13.3#

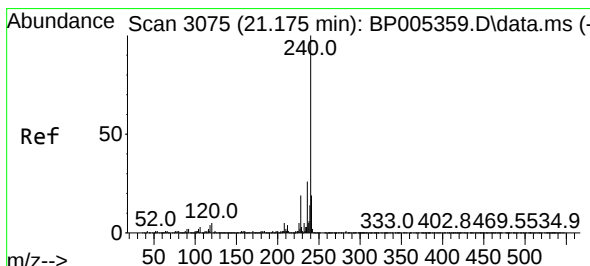
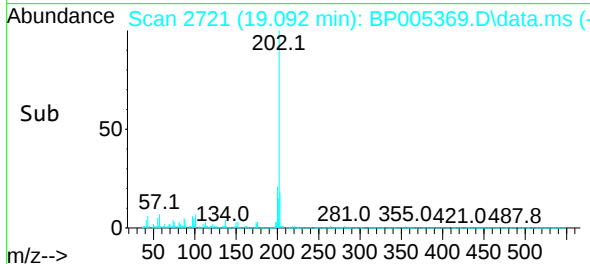
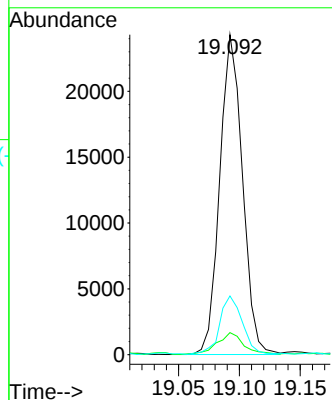
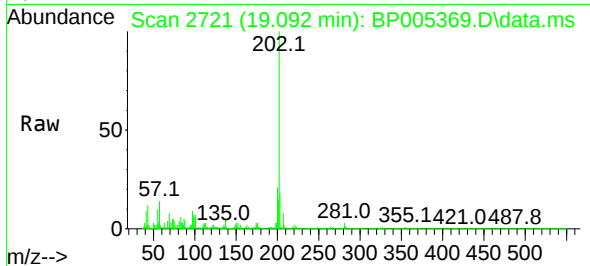




#75
Fluoranthene
Concen: 2.25 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

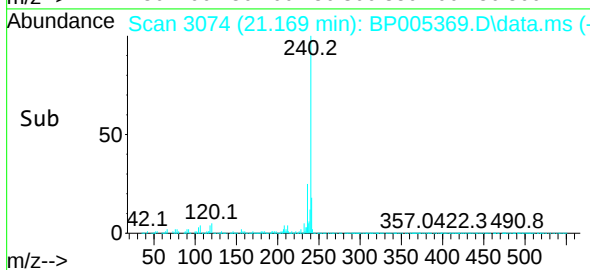
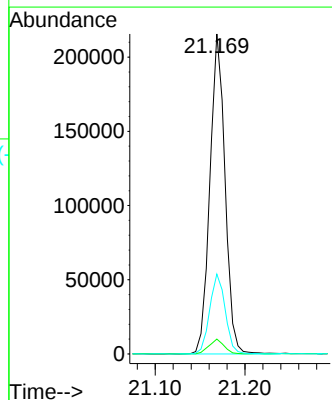
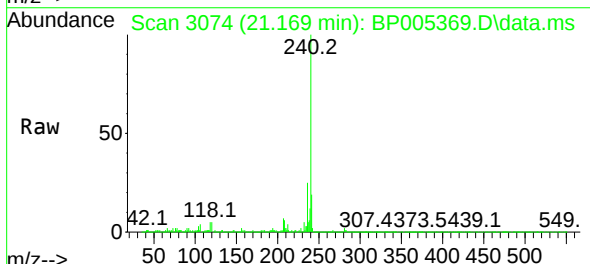
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-A-2

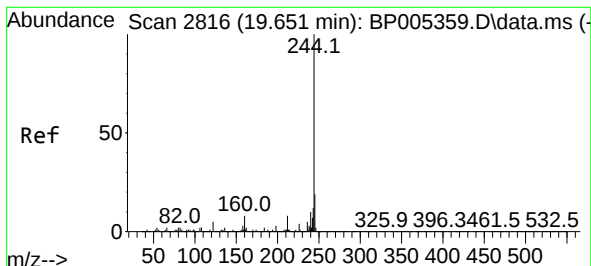
Tgt Ion:	202	Resp:	31601
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	26.1
203	18.4	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005369.D
Acq: 22 Apr 2021 11:27

Tgt Ion:	240	Resp:	252247
Ion Ratio	Lower	Upper	
240	100		
120	4.6	4.2	6.2
236	25.0	20.2	30.2





#79

Terphenyl-d14

Concen: 51.74 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005369.D

Acq: 22 Apr 2021 11:27

Instrument :

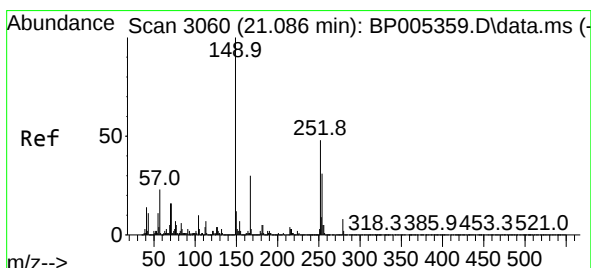
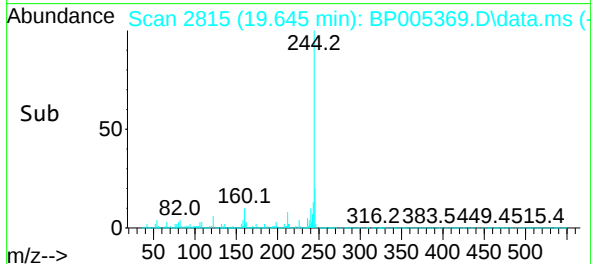
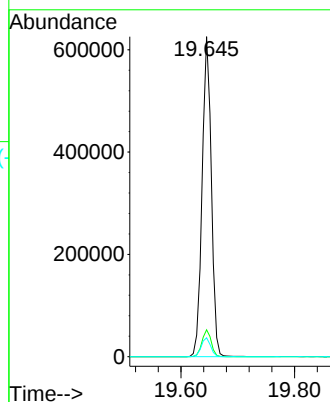
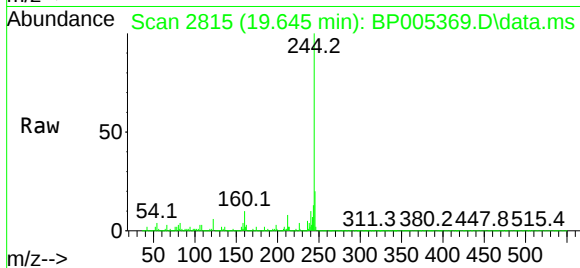
BNA_P

ClientSampleId :

RT-80-W-ROCKAWAY-A-2

Tgt Ion:244 Resp: 704339

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	5.9	5.2	7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.07 ng

RT: 21.004 min Scan# 3046

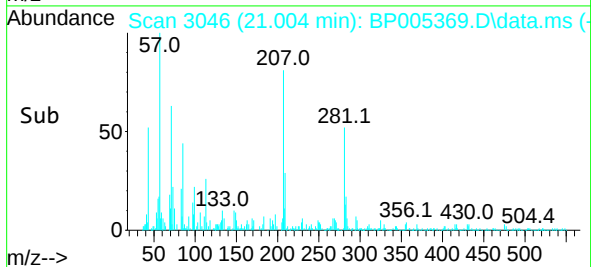
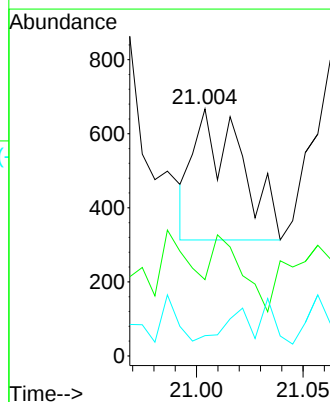
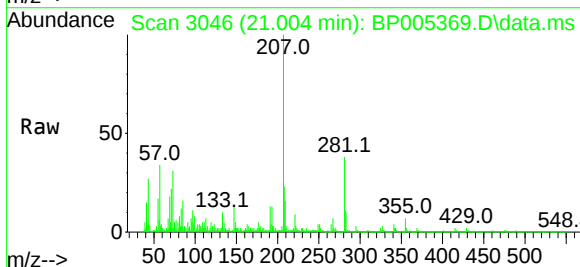
Delta R.T. -0.082 min

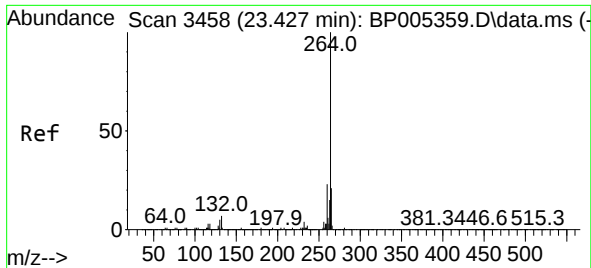
Lab File: BP005369.D

Acq: 22 Apr 2021 11:27

Tgt Ion:149 Resp: 546

Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.8	35.8
279	8.2	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: BP005369.D
 Acq: 22 Apr 2021 11:27

Instrument :
 BNA_P
 ClientSampleId :
 RT-80-W-ROCKAWAY-A-2

Tgt Ion:264 Resp: 259206
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.6 30.8
 265 21.5 19.0 28.6

