

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005371.D
 Acq On : 22 Apr 2021 12:35
 Operator : CG/JU
 Sample : M2036-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-80-W-ROCKAWAY-B-1

Quant Time: Apr 22 14:58:53 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)

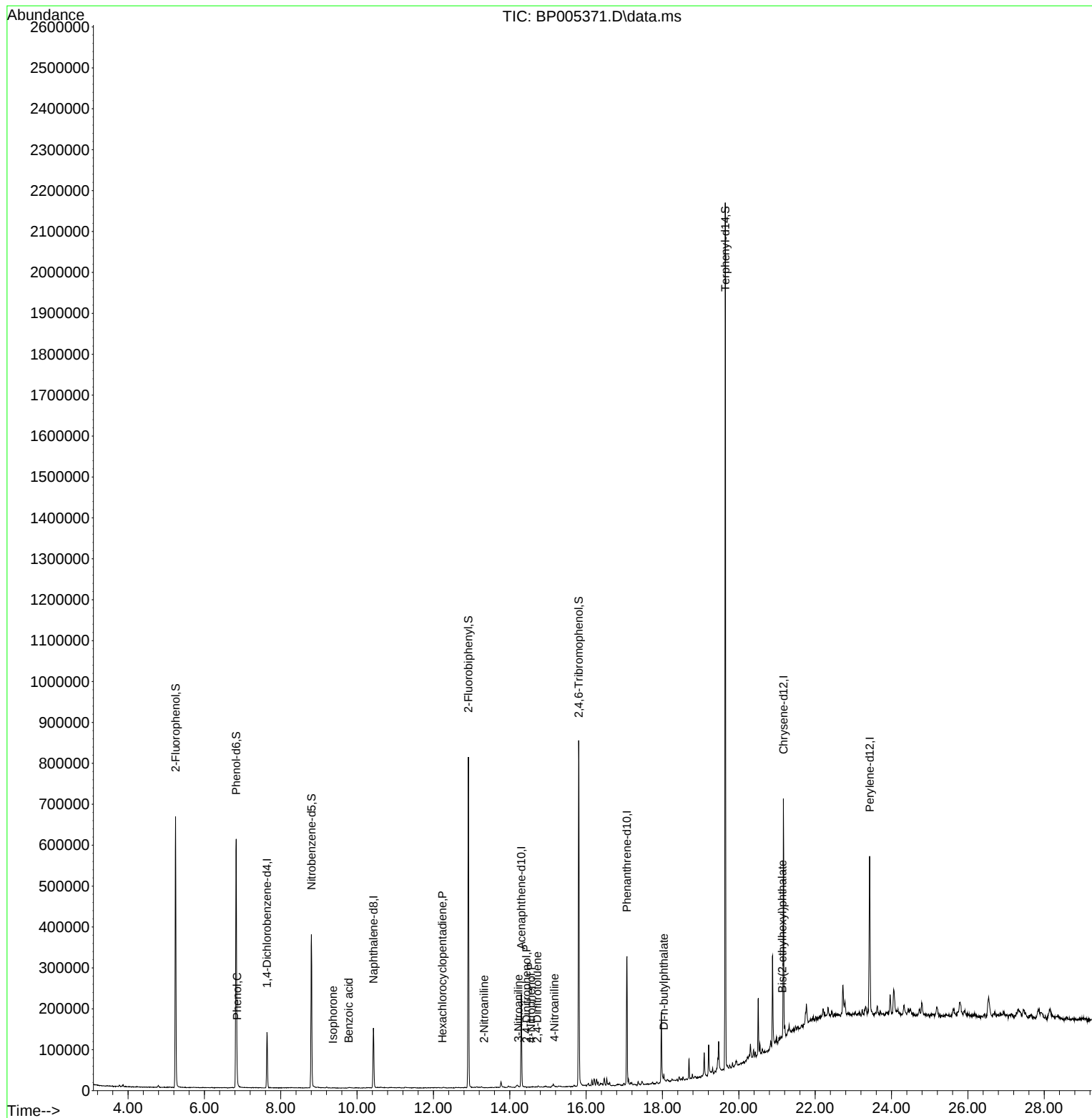
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	28328	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	96893	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	66424	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	175437	20.00	ng	0.00
76) Chrysene-d12	21.169	240	244508	20.00	ng	0.00
86) Perylene-d12	23.427	264	259986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	202833	124.38	ng	0.00
7) Phenol-d6	6.834	99	261656	116.45	ng	0.00
23) Nitrobenzene-d5	8.805	82	205556	92.27	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	134909	106.18	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	347190	67.66	ng	0.00
79) Terphenyl-d14	19.645	244	836758	63.42	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.858	94	6224	2.78	ng	# 40
25) Isophorone	9.369	82	107	2.98	ng	# 55
32) Benzoic acid	9.781	122	59	7.79	ng	# 71
41) Hexachlorocyclopentadiene	12.234	237	20	6.98	ng	85
48) 2-Nitroaniline	13.328	65	21	5.46	ng	92
53) 3-Nitroaniline	14.228	138	9	2.66	ng	# 42
54) 2,4-Dinitrophenol	14.440	184	6	7.53	ng	# 13
56) 4-Nitrophenol	14.557	139	15	5.32	ng	# 55
57) 2,4-Dinitrotoluene	14.722	165	56	3.14	ng	# 33
62) 4-Nitroaniline	15.169	138	14	3.83	ng	90
74) Di-n-butylphthalate	18.034	149	7379	4.72	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.139	149	348	3.04	ng	96

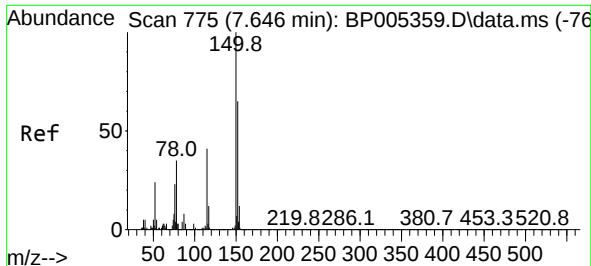
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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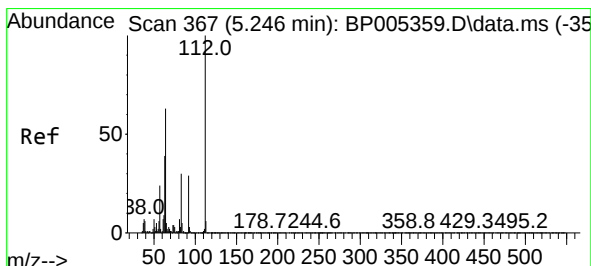
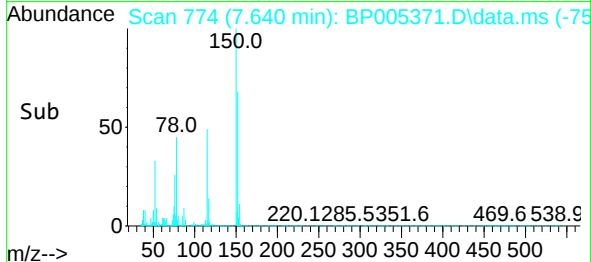
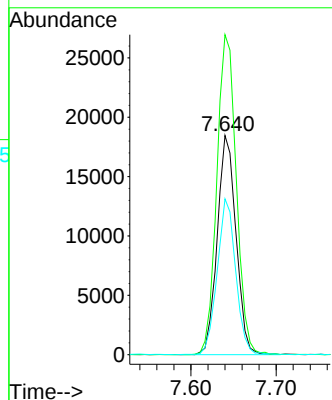
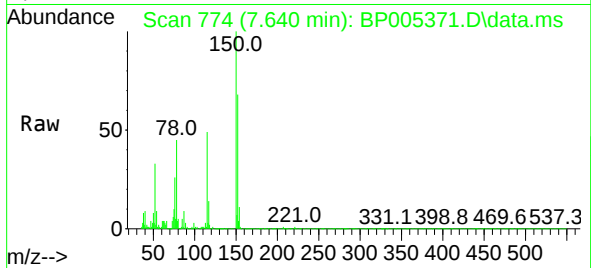




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

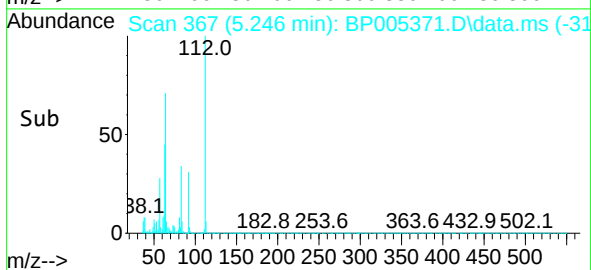
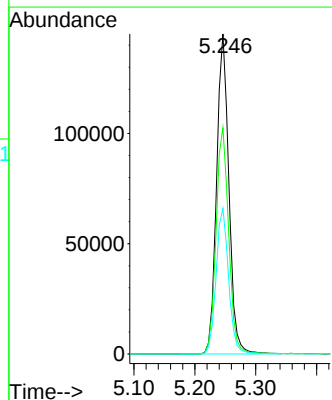
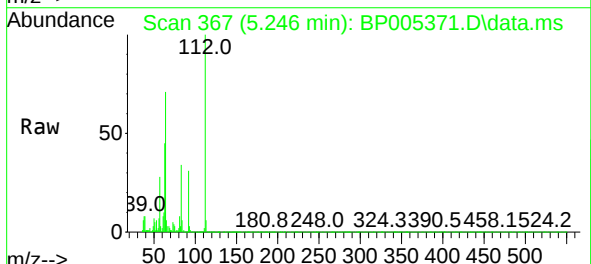
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

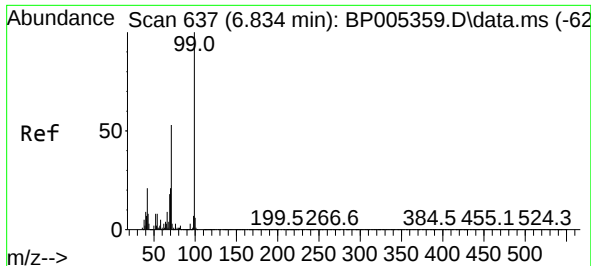
Tgt Ion:152 Resp: 28328
Ion Ratio Lower Upper
152 100
150 146.0 119.8 179.8
115 71.1 49.0 73.4



#5
2-Fluorophenol
Concen: 124.38 ng
RT: 5.246 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:112 Resp: 202833
Ion Ratio Lower Upper
112 100
64 70.7 33.6 50.4#
63 45.4 18.6 27.8#

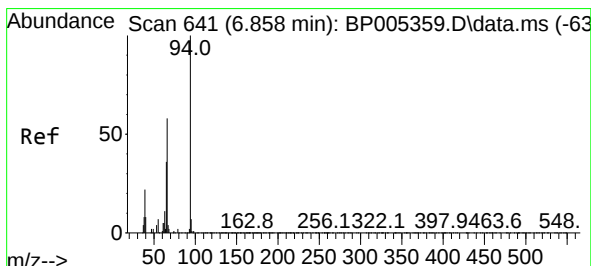
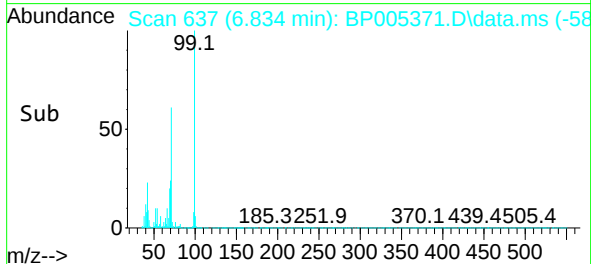
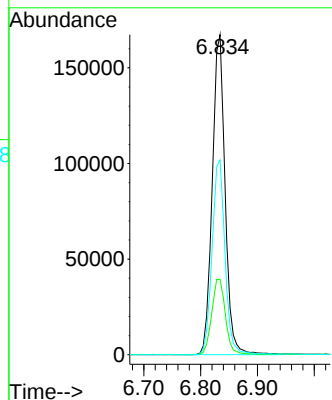
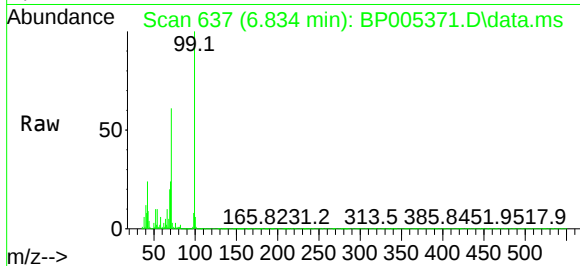




#7
Phenol-d6
Concen: 116.45 ng
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

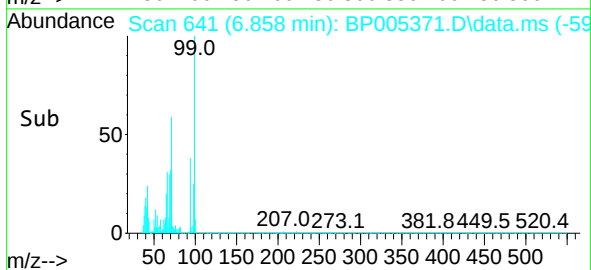
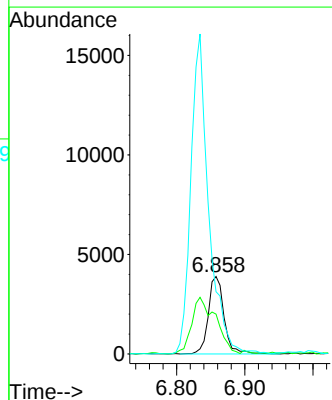
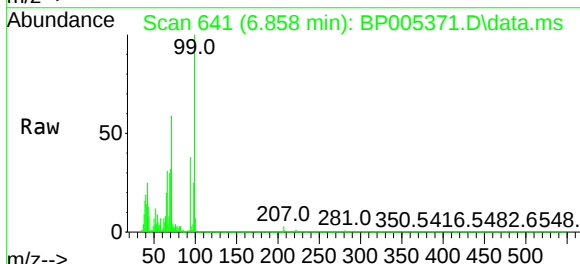
Instrument :
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ClientSampleId :
RT-80-W-ROCKAWAY-B-1

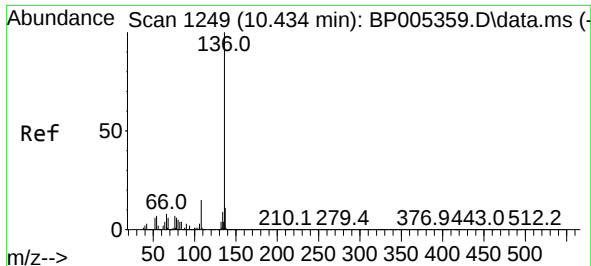
Tgt Ion: 99 Resp: 261656
Ion Ratio Lower Upper
99 100
42 23.5 12.9 19.3#
71 60.9 26.7 40.1#



#10
Phenol
Concen: 2.78 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion: 94 Resp: 6224
Ion Ratio Lower Upper
94 100
65 51.5 8.0 48.0#
66 80.3 17.3 57.3#

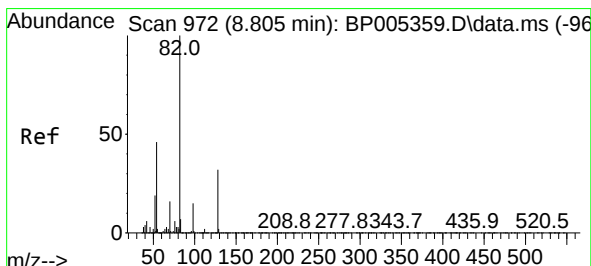
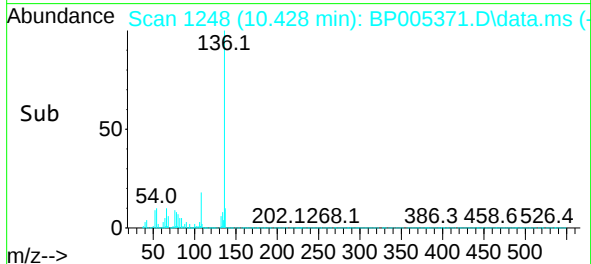
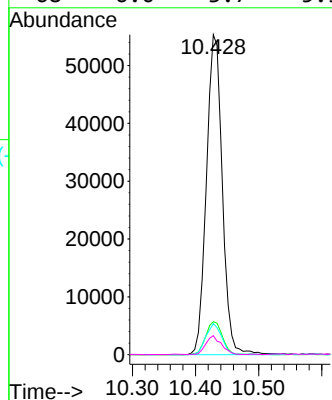
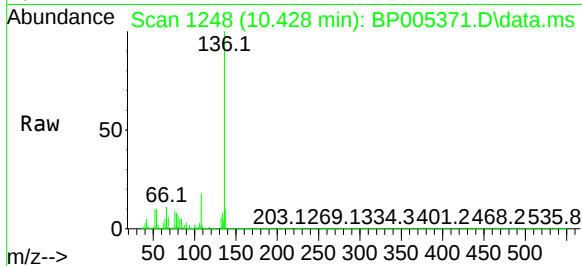




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

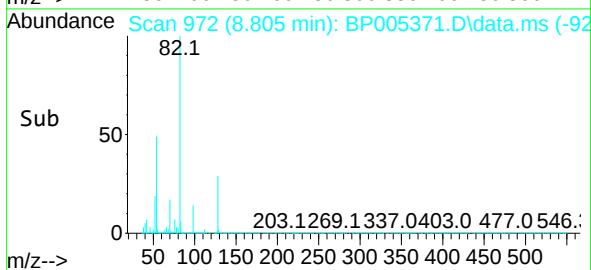
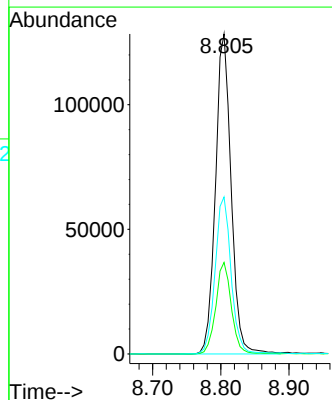
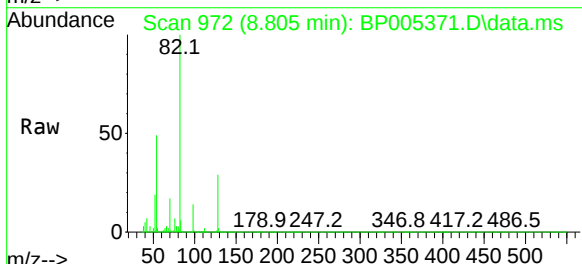
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

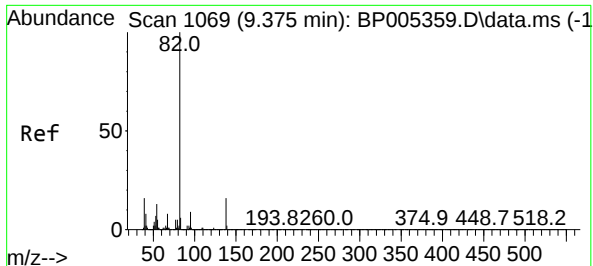
Tgt Ion:	136	Resp:	96893
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	9.7	5.0	7.4#
68	6.0	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 92.27 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:	82	Resp:	205556
Ion Ratio	Lower	Upper	
82	100		
128	28.6	30.5	45.7#
54	49.1	33.9	50.9

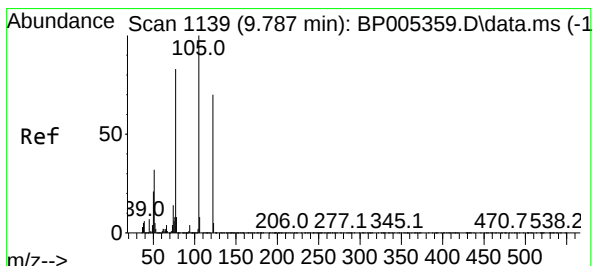
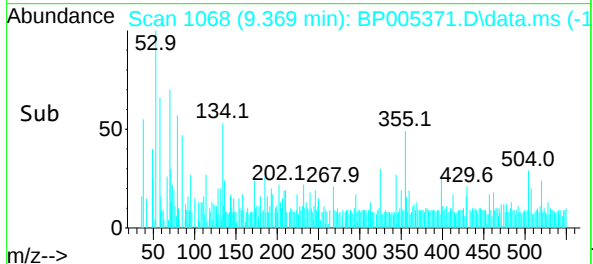
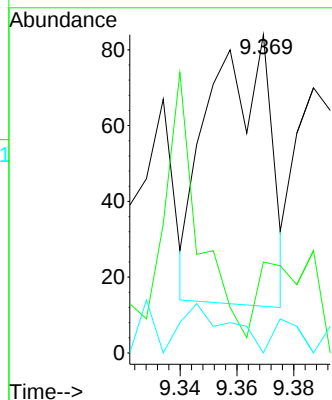
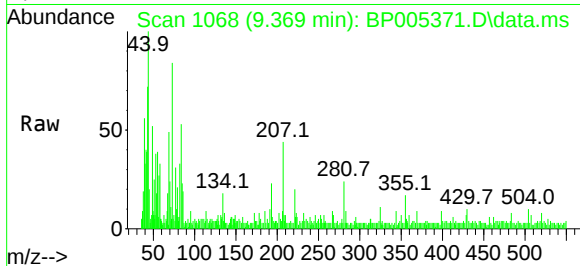




#25
Isophorone
Concen: 2.98 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

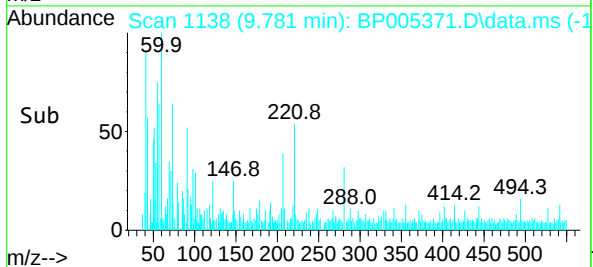
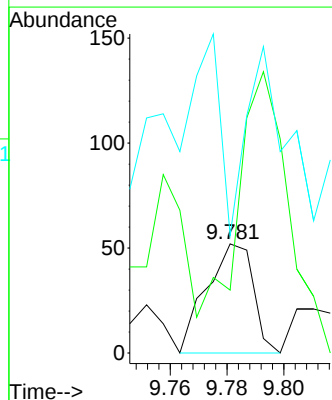
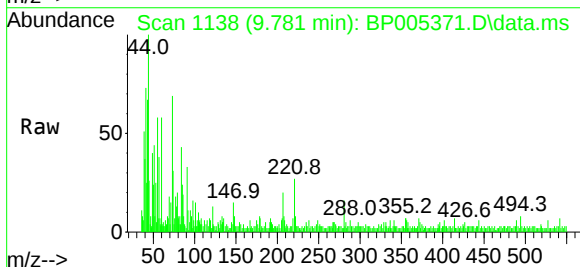
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

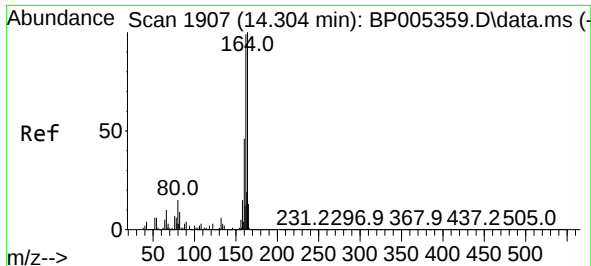
Tgt Ion: 82 Resp: 107
Ion Ratio Lower Upper
82 100
95 28.6 7.5 11.3#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.79 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 84.6 105.1 145.1#
77 107.7 69.6 109.6

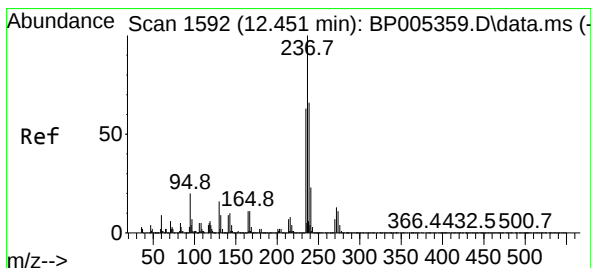
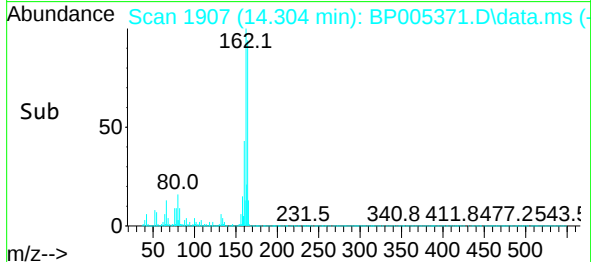
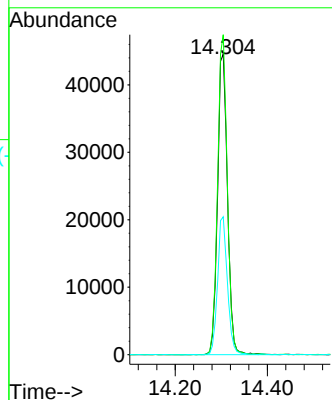
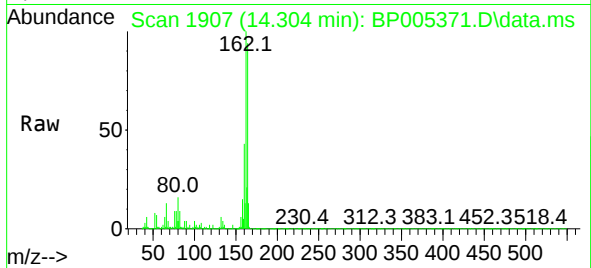




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

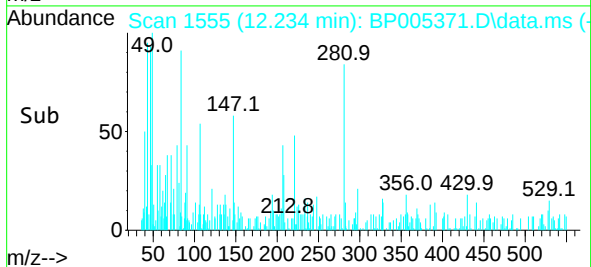
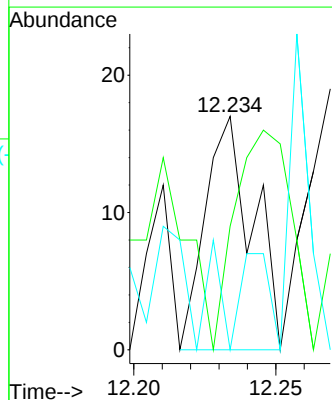
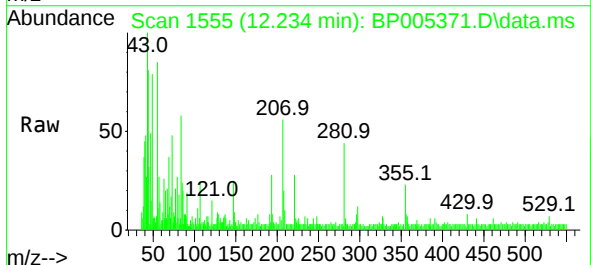
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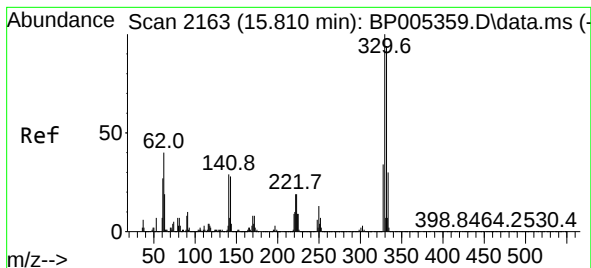
Tgt Ion:164 Resp: 66424
Ion Ratio Lower Upper
164 100
162 106.4 73.5 110.3
160 45.9 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.234 min Scan# 1555
Delta R.T. -0.217 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 52.9 40.9 80.9
272 0.0 0.0 34.6

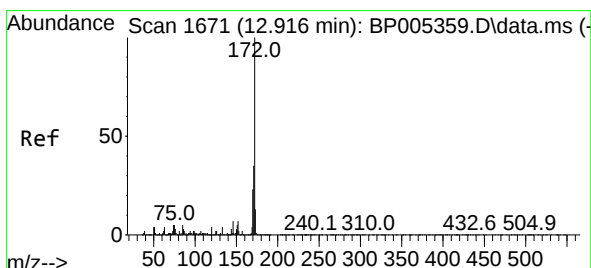
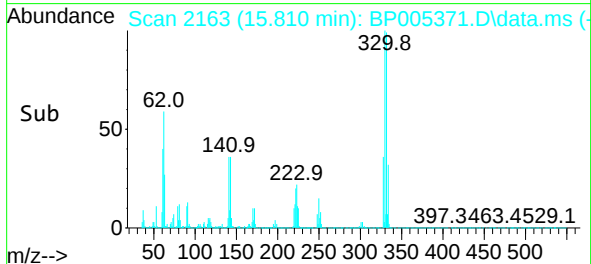
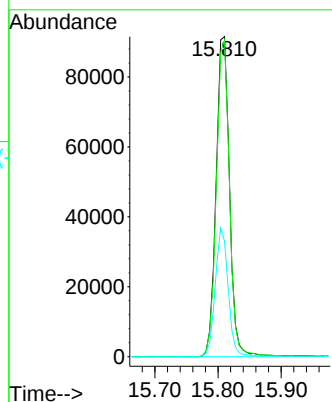
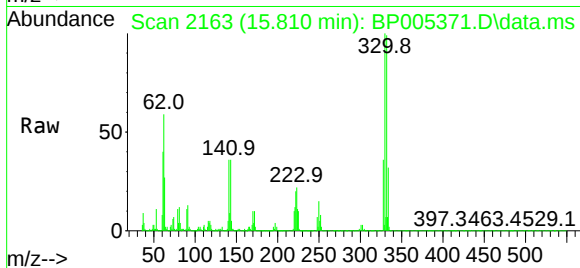




#42
2,4,6-Tribromophenol
Concen: 106.18 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

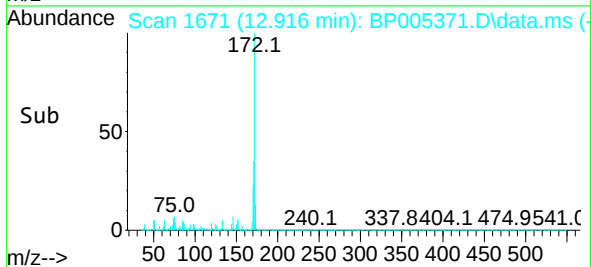
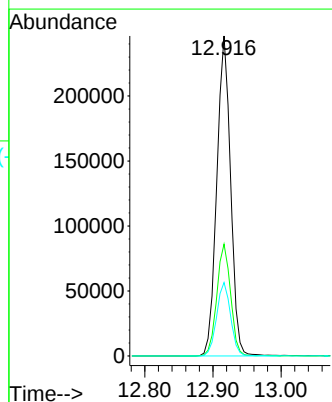
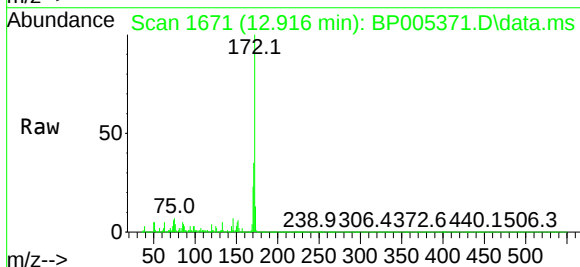
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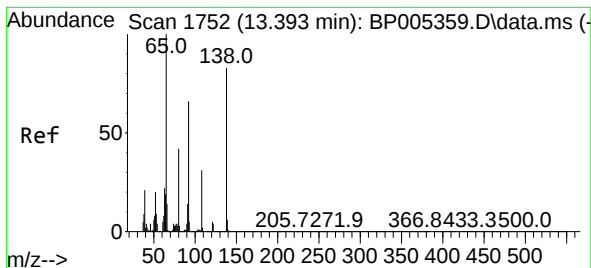
Tgt Ion:330 Resp: 134909
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 38.9 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 67.66 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:172 Resp: 347190
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.9 19.6 29.4

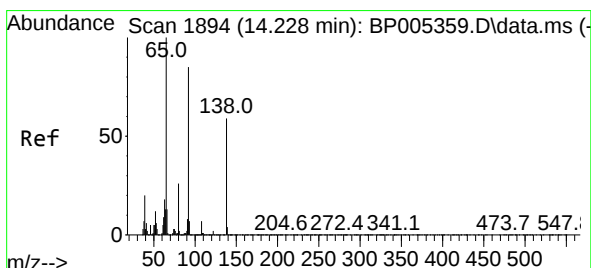
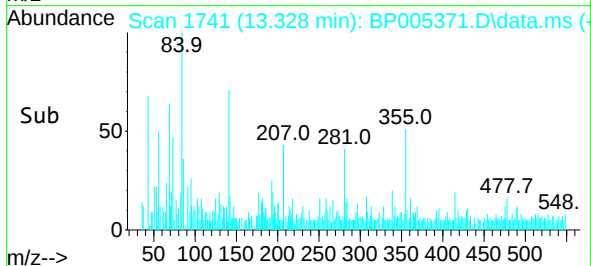
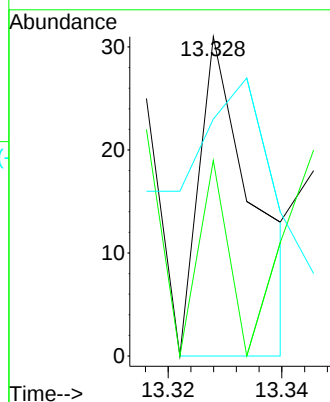
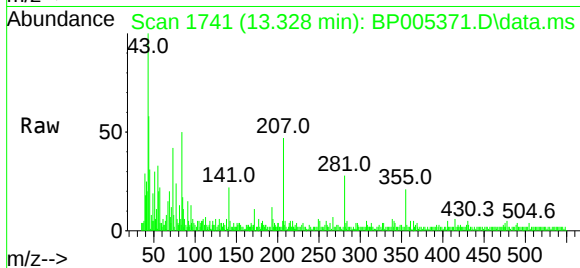




#48
2-Nitroaniline
Concen: 5.46 ng
RT: 13.328 min Scan# 1741
Delta R.T. -0.065 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

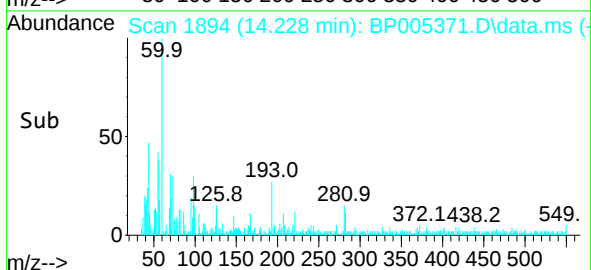
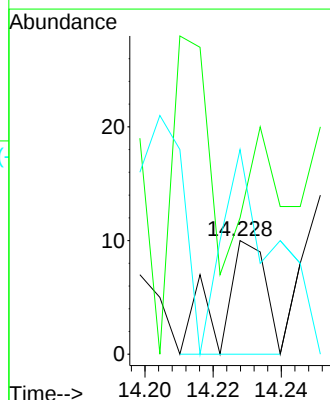
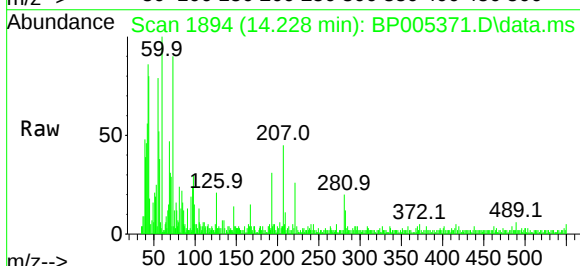
Instrument :
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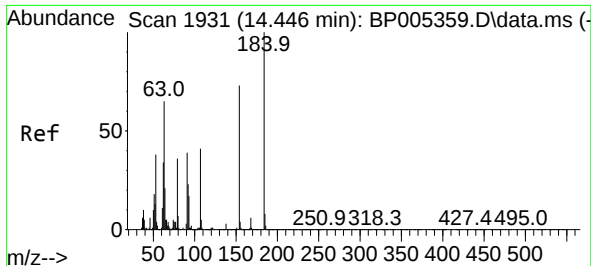
Tgt Ion: 65 Resp: 21
Ion Ratio Lower Upper
65 100
92 61.3 48.8 73.2
138 74.2 69.5 104.3



#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.228 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion: 138 Resp: 9
Ion Ratio Lower Upper
138 100
108 120.0 10.2 15.4#
92 180.0 108.1 162.1#

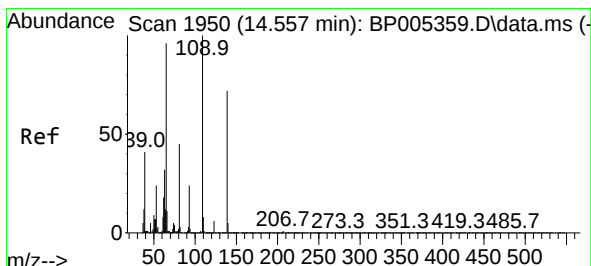
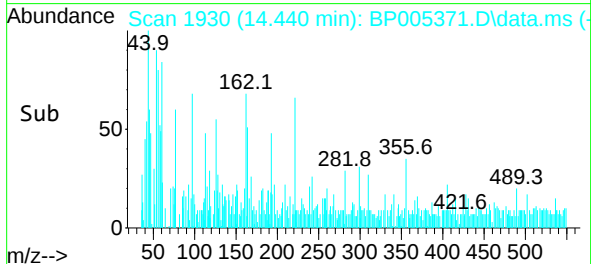
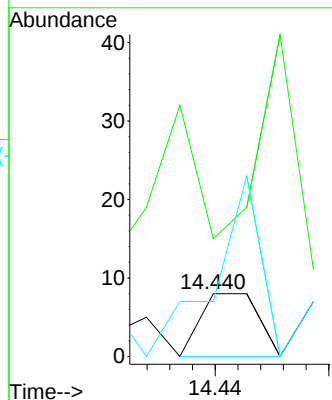
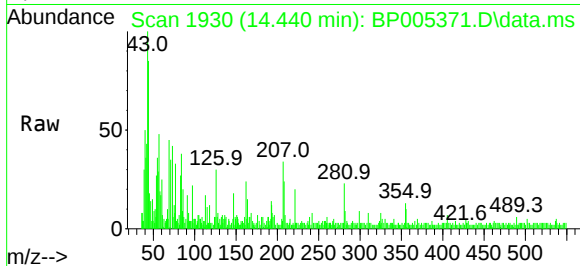




#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.440 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

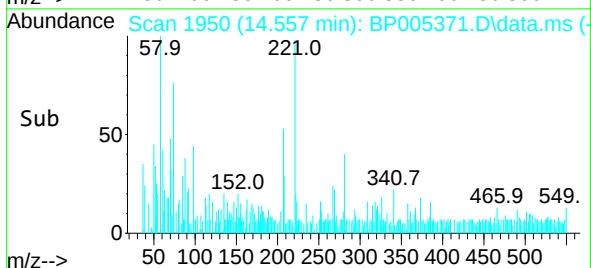
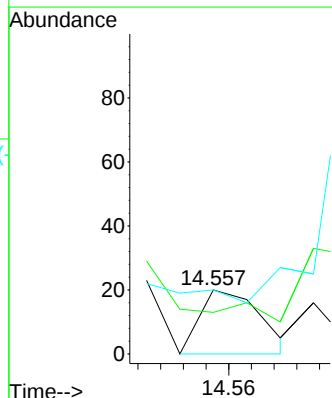
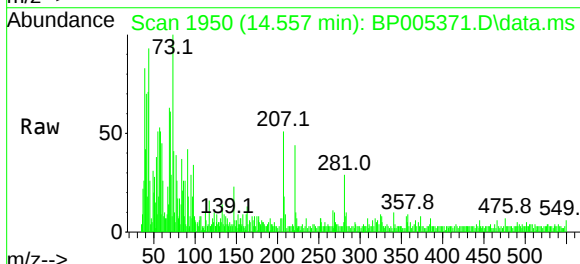
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

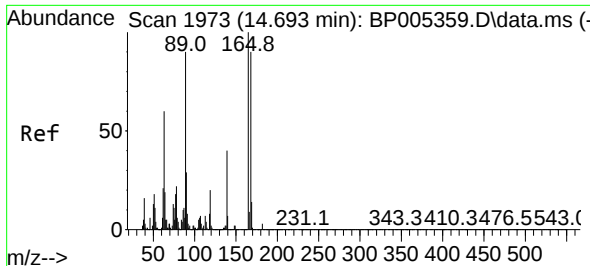
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 187.5 51.2 76.8#
154 87.5 55.8 83.8#



#56
4-Nitrophenol
Concen: 5.32 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

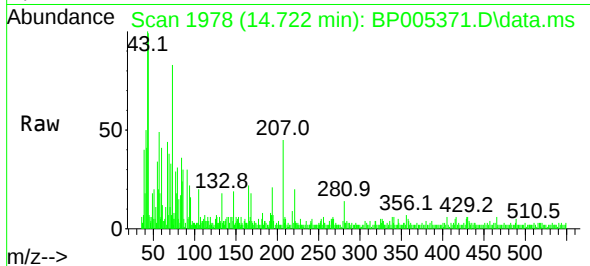
Tgt Ion:139 Resp: 15
Ion Ratio Lower Upper
139 100
109 65.0 122.8 162.8#
65 100.0 110.0 150.0#



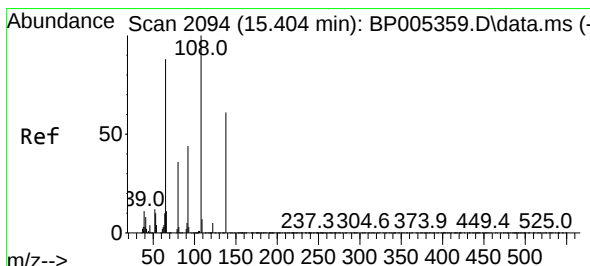
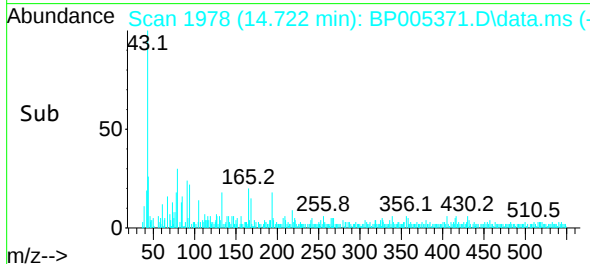
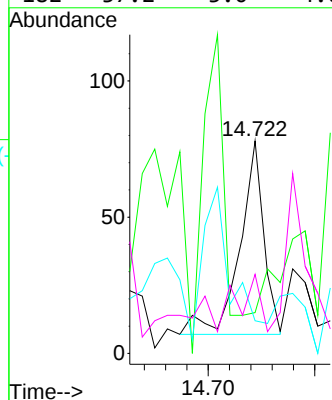


#57
2,4-Dinitrotoluene
Concen: 3.14 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.029 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

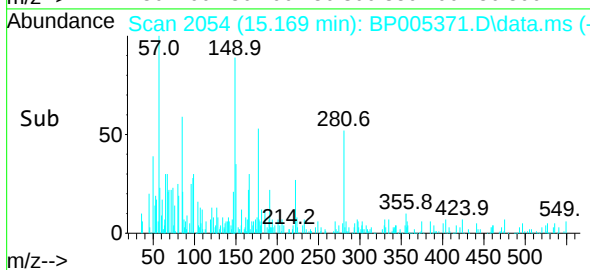
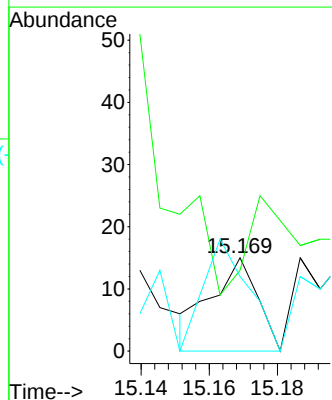
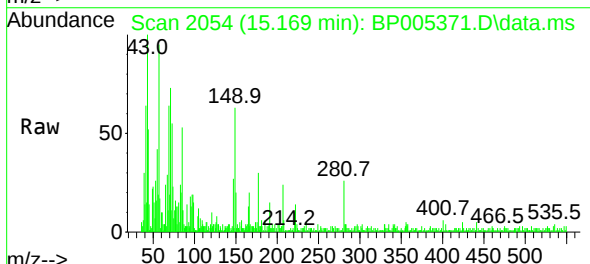


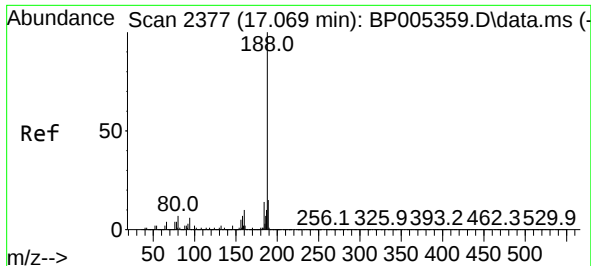
Tgt Ion:165 Resp: 56
Ion Ratio Lower Upper
165 100
63 43.6 56.7 85.1#
89 15.4 85.8 128.6#
182 37.2 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.235 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
92 86.7 50.9 90.9
108 166.7 154.7 194.7

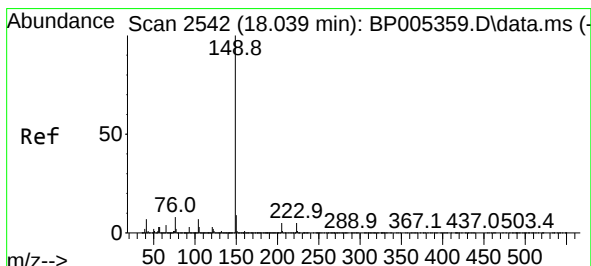
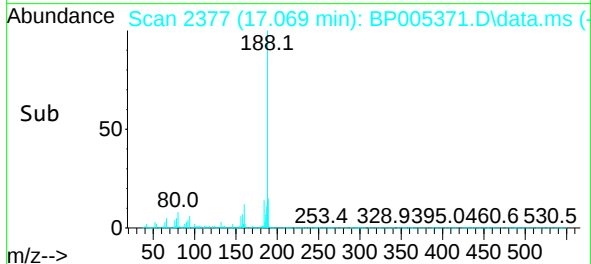
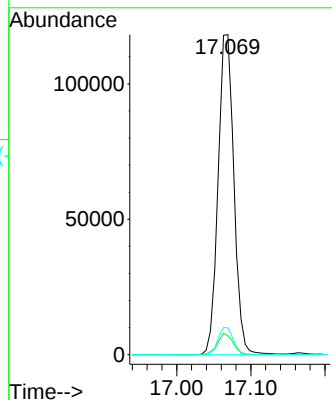
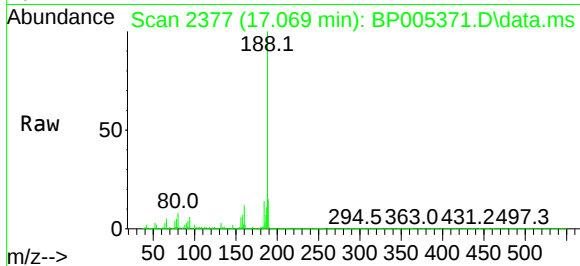




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

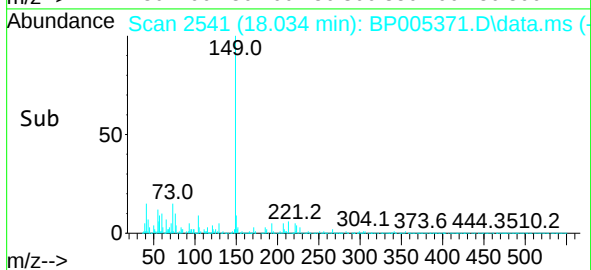
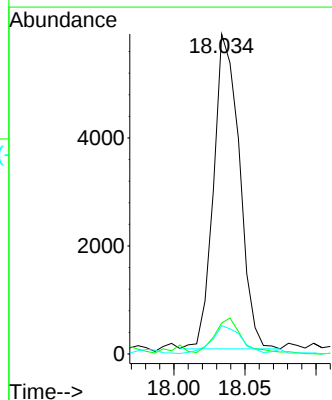
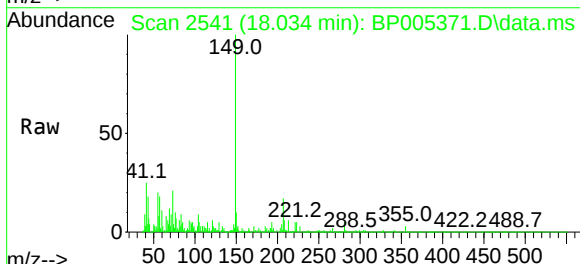
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

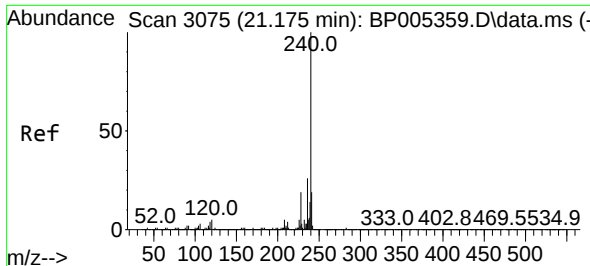
Tgt Ion:188	Resp: 175437
Ion Ratio	Lower Upper
188 100	
94 5.9	5.0 7.6
80 8.4	5.9 8.9



#74
Di-n-butylphthalate
Concen: 4.72 ng
RT: 18.034 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:149	Resp: 7379
Ion Ratio	Lower Upper
149 100	
150 9.7	7.6 11.4
104 8.8	8.9 13.3#

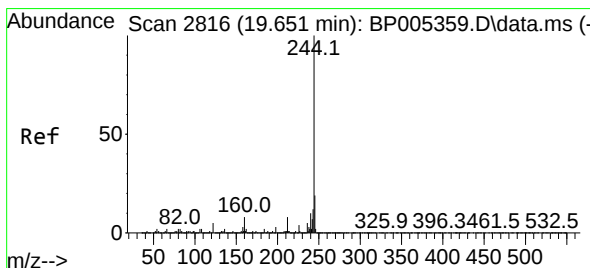
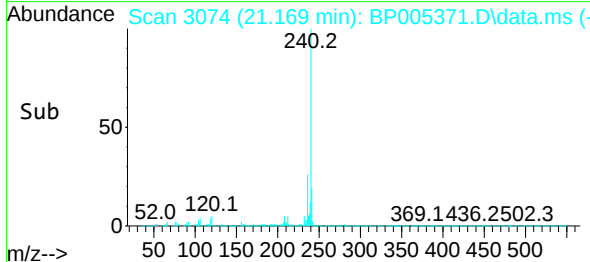
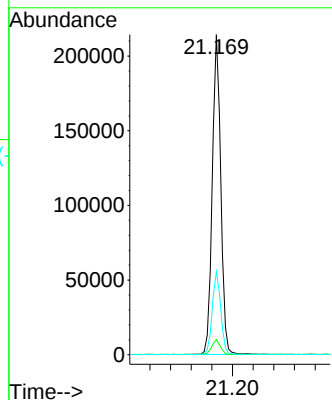
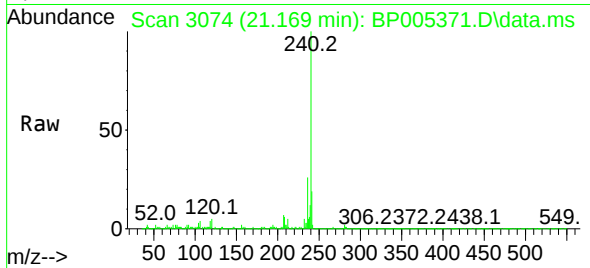




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

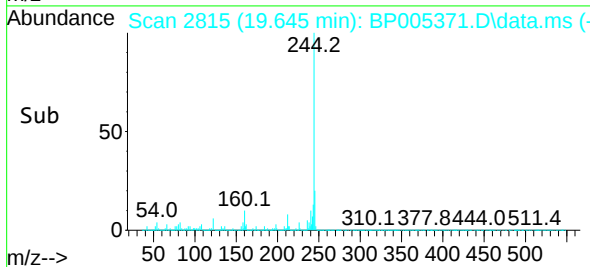
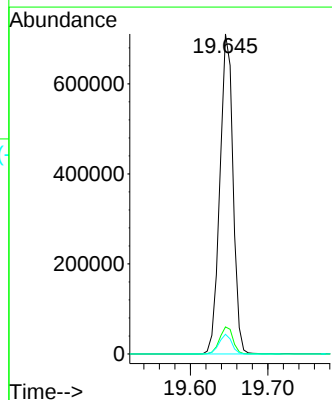
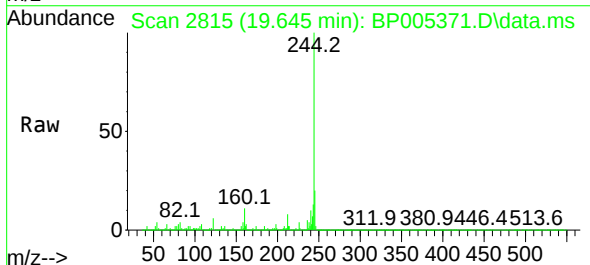
Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

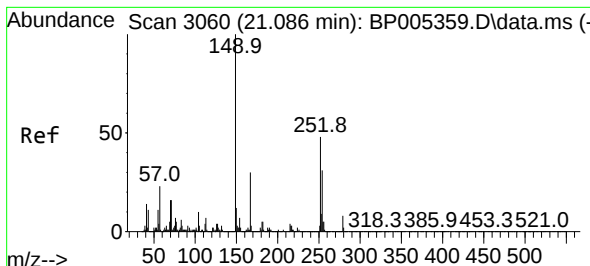
Tgt Ion:240 Resp: 244508
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 63.42 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:244 Resp: 836758
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 6.1 5.2 7.8



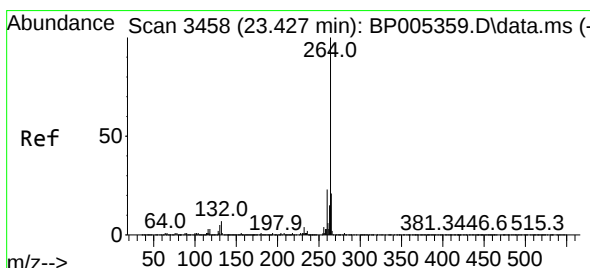
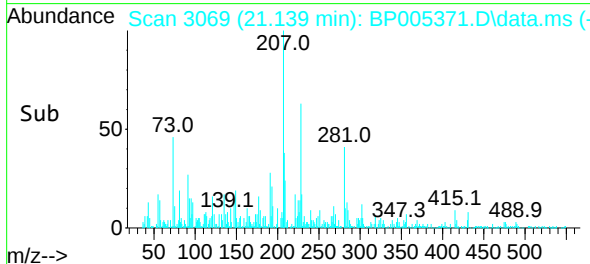
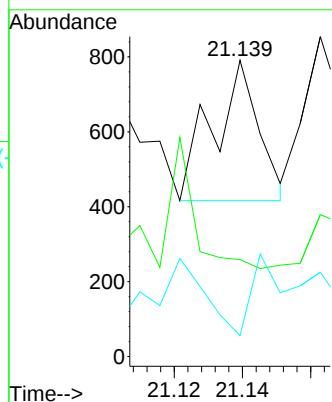
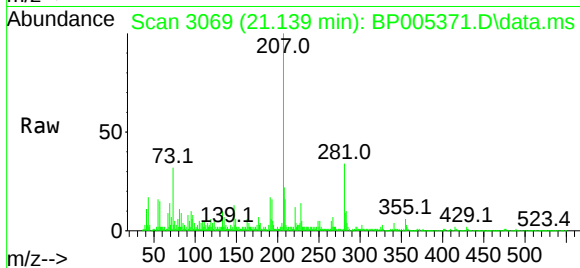


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.04 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.053 min
Lab File: BP005371.D
Acq: 22 Apr 2021 12:35

Instrument :
BNA_P
ClientSampleId :
RT-80-W-ROCKAWAY-B-1

Tgt Ion:149 Resp: 348
Ion Ratio Lower Upper
149 100
167 32.7 23.8 35.8
279 7.1 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: BP005371.D
Acq: 22 Apr 2021 12:35

Tgt Ion:264 Resp: 259986
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 21.7 19.0 28.6

