

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005375.D
 Acq On : 22 Apr 2021 14:51
 Operator : CG/JU
 Sample : M2103-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-124030

Quant Time: Apr 22 16:03:00 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)

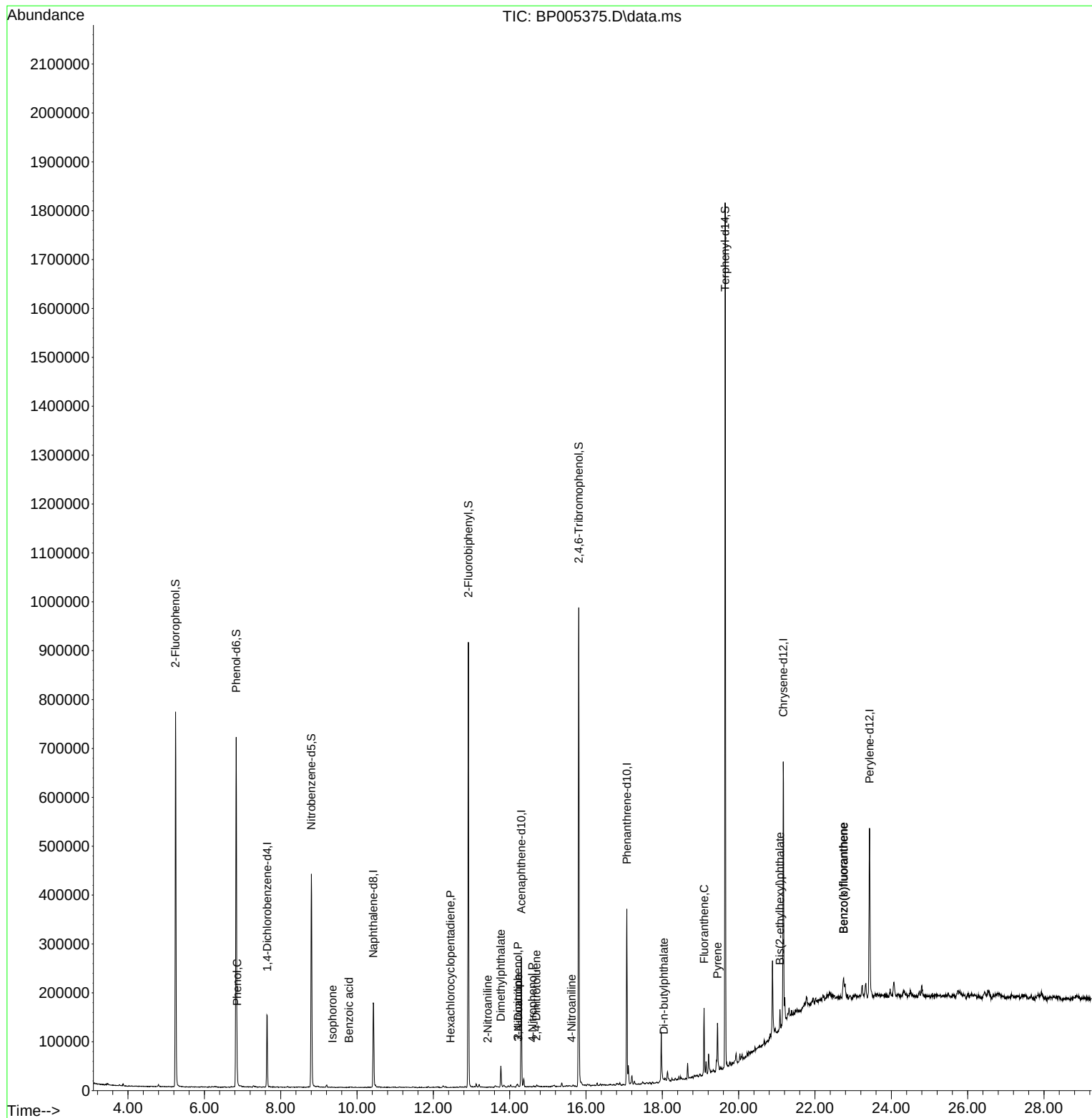
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	30587	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	108110	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	74731	20.00	ng	0.00
64) Phenanthrene-d10	17.068	188	187310	20.00	ng	0.00
76) Chrysene-d12	21.168	240	227244	20.00	ng	0.00
86) Perylene-d12	23.427	264	236155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	227158	129.01	ng	0.00
7) Phenol-d6	6.834	99	294987	121.59	ng	0.00
23) Nitrobenzene-d5	8.804	82	241717	97.25	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	147234	103.00	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	367709	63.69	ng	0.00
79) Terphenyl-d14	19.645	244	703211	57.34	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.857	94	6889	2.85	ng	# 15
25) Isophorone	9.357	82	258	3.00	ng	# 35
32) Benzoic acid	9.786	122	88	7.81	ng	# 71
41) Hexachlorocyclopentadiene	12.451	237	6	6.97	ng	87
48) 2-Nitroaniline	13.422	65	87	5.50	ng	# 26
50) Dimethylphthalate	13.769	163	21109	3.89	ng	96
53) 3-Nitroaniline	14.227	138	24	2.67	ng	# 25
54) 2,4-Dinitrophenol	14.216	184	11	7.53	ng	85
56) 4-Nitrophenol	14.598	139	41	5.34	ng	# 18
57) 2,4-Dinitrotoluene	14.698	165	53	3.14	ng	# 1
62) 4-Nitroaniline	15.621	138	10	3.82	ng	94
74) Di-n-butylphthalate	18.039	149	873	4.03	ng	# 89
75) Fluoranthene	19.092	202	68207	4.98	ng	99
78) Pyrene	19.445	202	56635	4.44	ng	98
84) Bis(2-ethylhexyl)phtha...	21.080	149	10926	4.99	ng	# 97
88) Benzo(b)fluoranthene	22.750	252	42991	2.76	ng	# 94
89) Benzo(k)fluoranthene	22.750	252	42991	2.82	ng	# 92

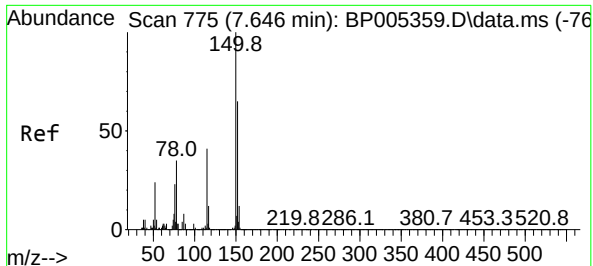
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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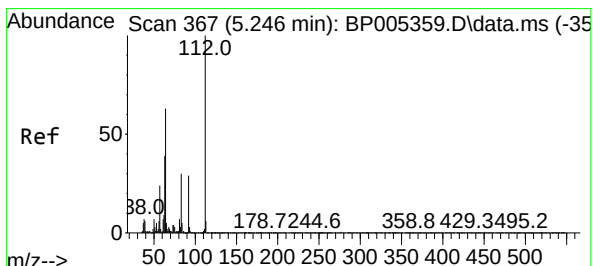
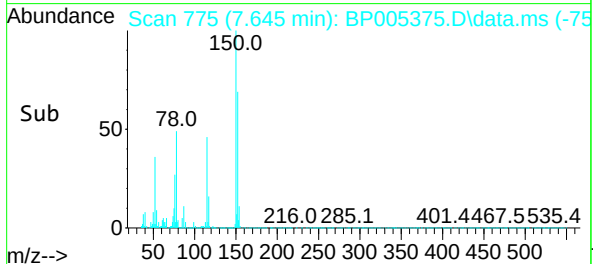
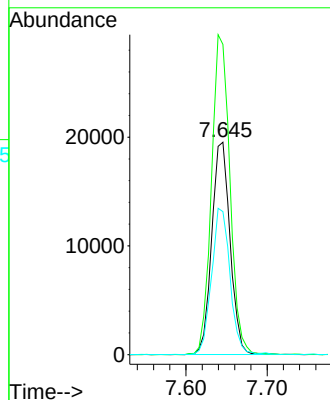
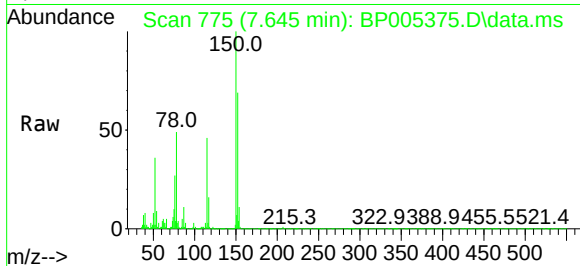




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.645 min Scan# 775
Delta R.T. -0.001 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

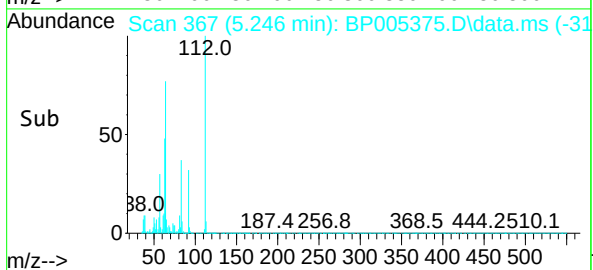
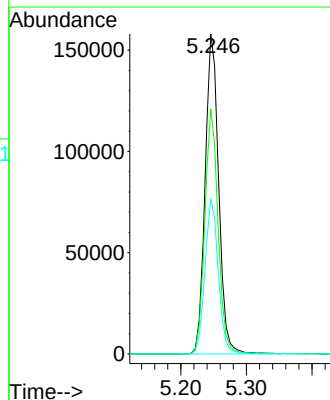
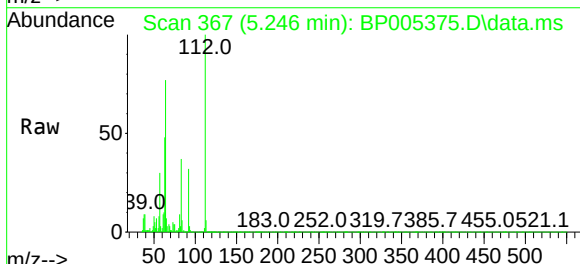
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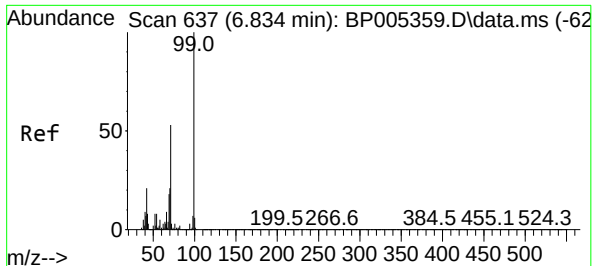
Tgt Ion:152 Resp: 30587
Ion Ratio Lower Upper
152 100
150 146.0 119.8 179.8
115 67.3 49.0 73.4



#5
2-Fluorophenol
Concen: 129.01 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:112 Resp: 227158
Ion Ratio Lower Upper
112 100
64 76.7 33.6 50.4#
63 48.2 18.6 27.8#

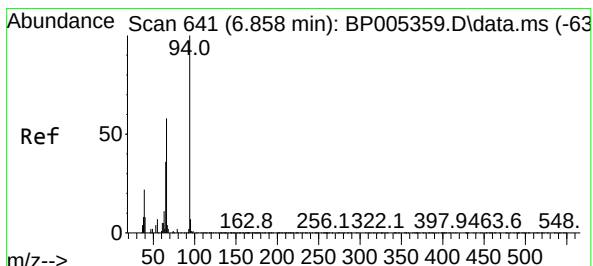
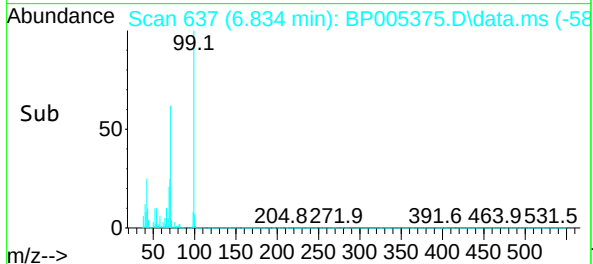
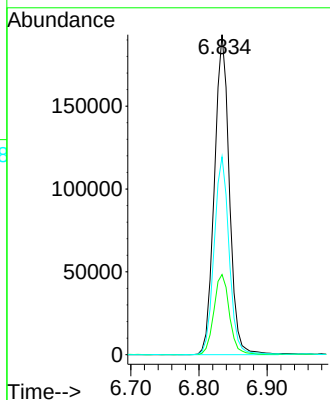
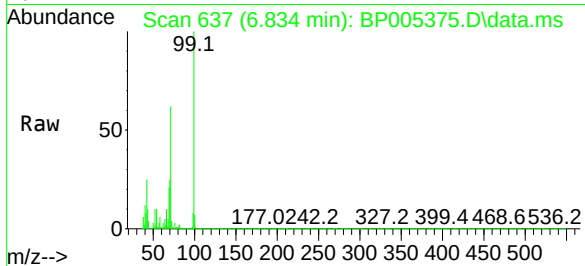




#7
Phenol-d6
Concen: 121.59 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

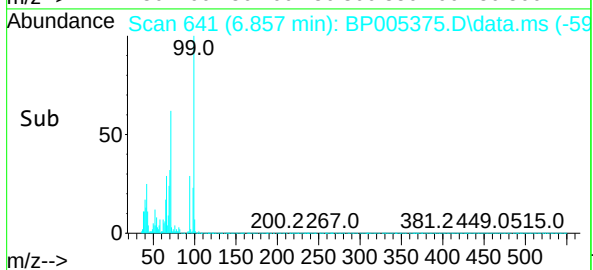
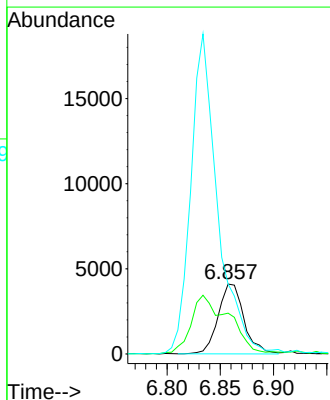
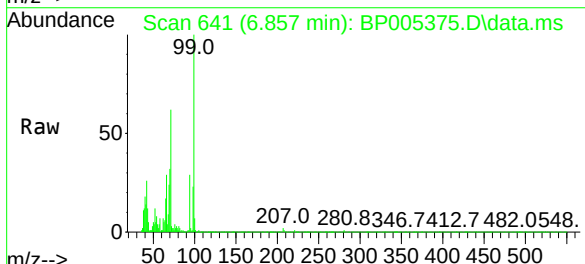
Instrument :
BNA_P
ClientSampleId :
RO-124030

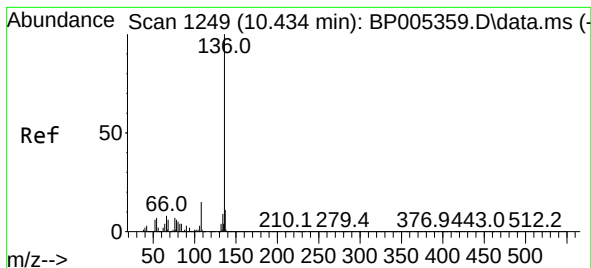
Tgt Ion: 99 Resp: 294987
Ion Ratio Lower Upper
99 100
42 25.1 12.9 19.3#
71 61.9 26.7 40.1#



#10
Phenol
Concen: 2.85 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion: 94 Resp: 6889
Ion Ratio Lower Upper
94 100
65 58.4 8.0 48.0#
66 99.9 17.3 57.3#

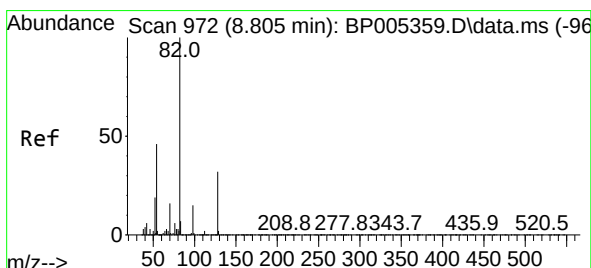
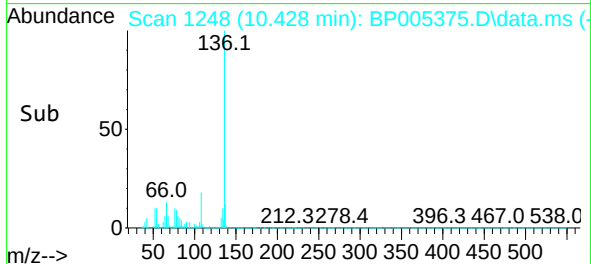
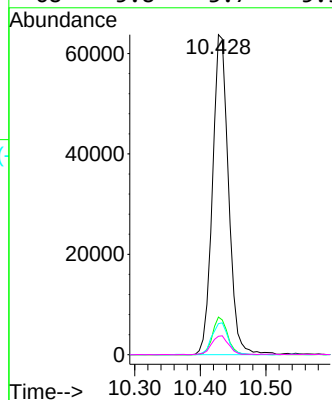
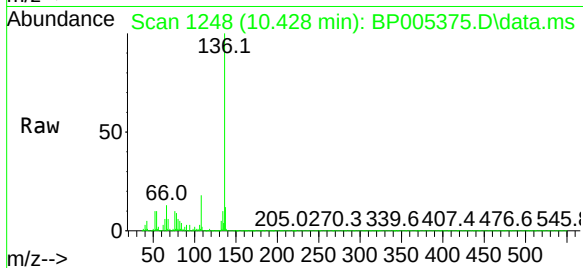




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

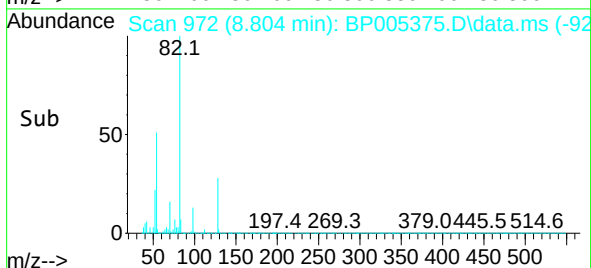
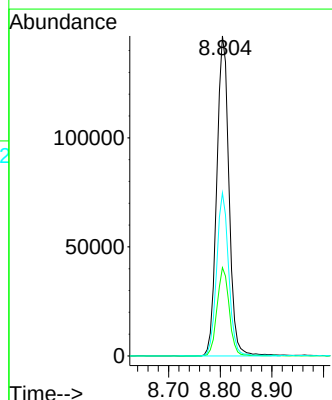
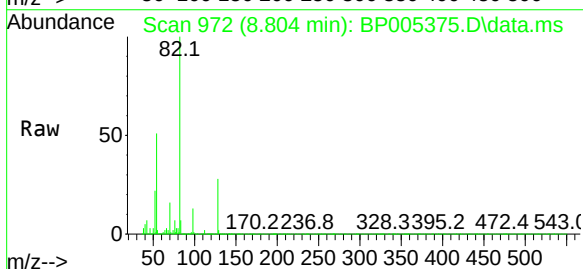
Instrument :
BNA_P
ClientSampleId :
RO-124030

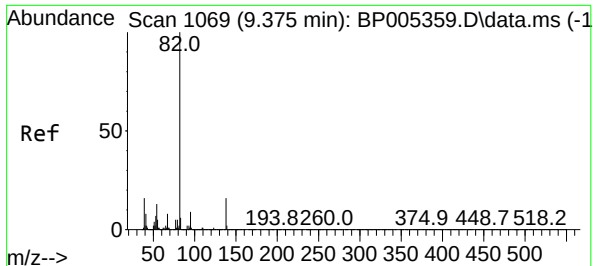
Tgt Ion:	136	Resp:	108110
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	9.7	5.0	7.4#
68	5.8	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 97.25 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:	82	Resp:	241717
Ion Ratio	Lower	Upper	
82	100		
128	27.6	30.5	45.7#
54	51.0	33.9	50.9#

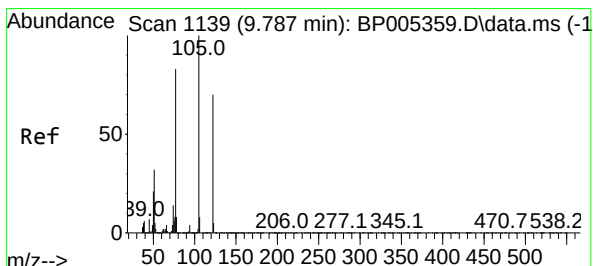
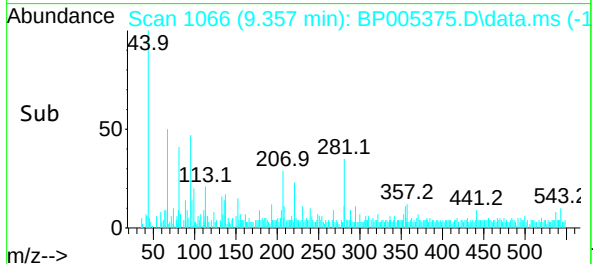
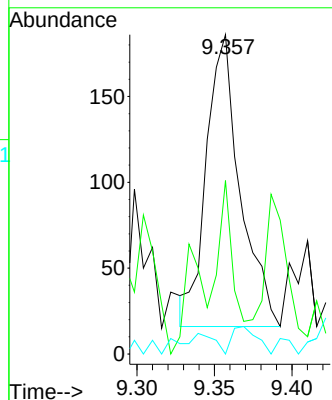
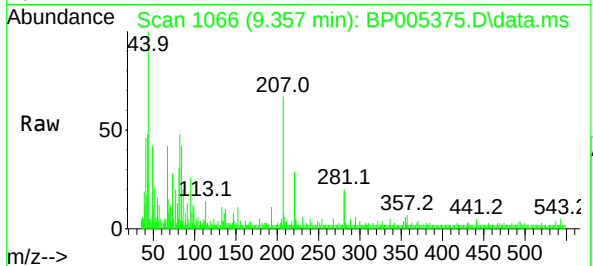




#25
Isophorone
Concen: 3.00 ng
RT: 9.357 min Scan# 1066
Delta R.T. -0.018 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

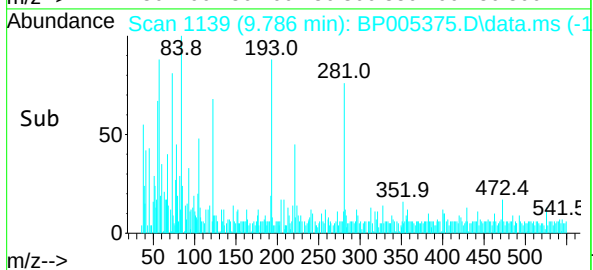
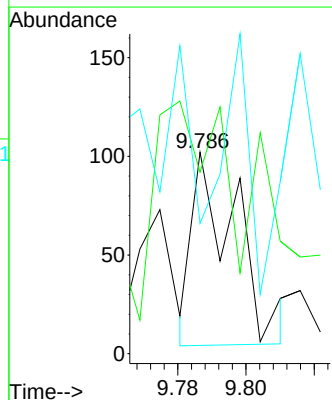
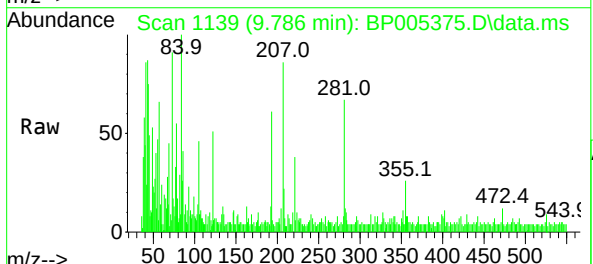
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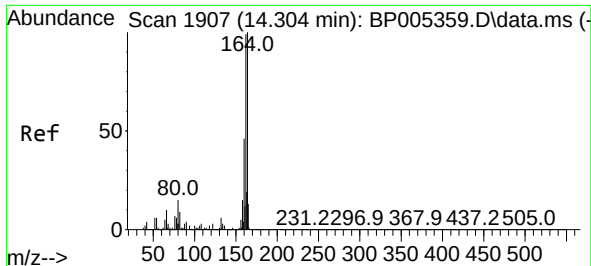
Tgt Ion: 82 Resp: 258
Ion Ratio Lower Upper
82 100
95 50.0 7.5 11.3#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.81 ng
RT: 9.786 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion: 122 Resp: 88
Ion Ratio Lower Upper
122 100
105 96.5 105.1 145.1#
77 57.9 69.6 109.6#

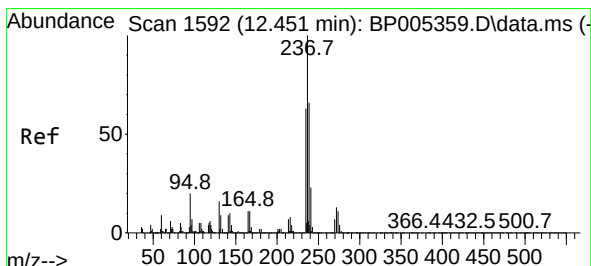
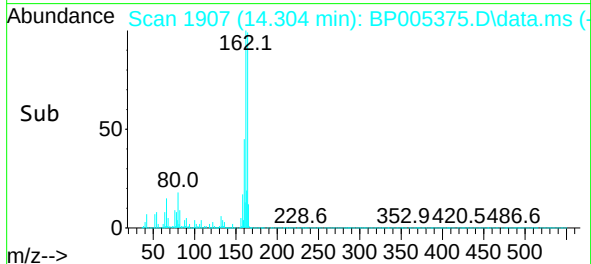
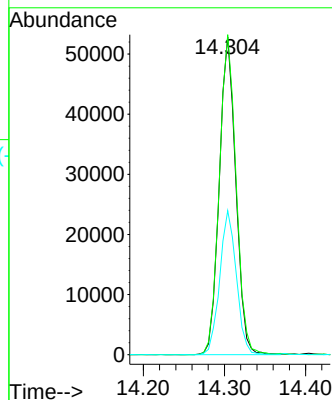
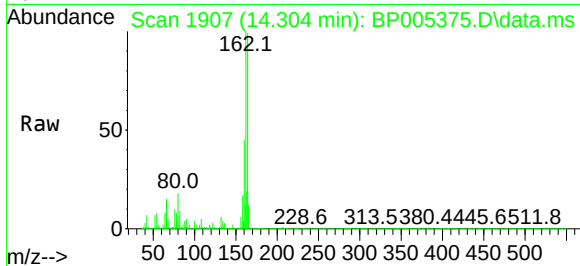




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

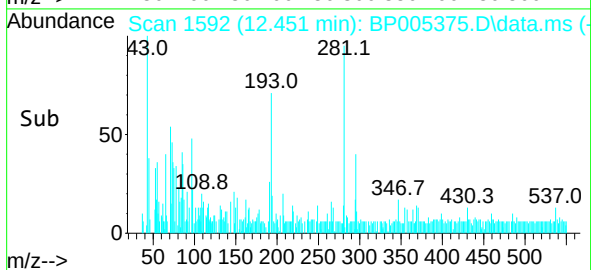
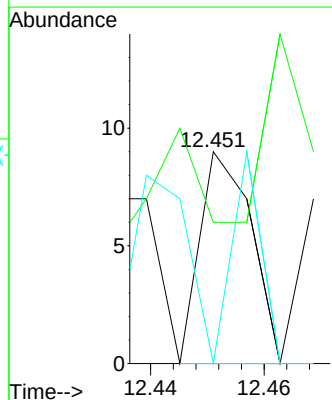
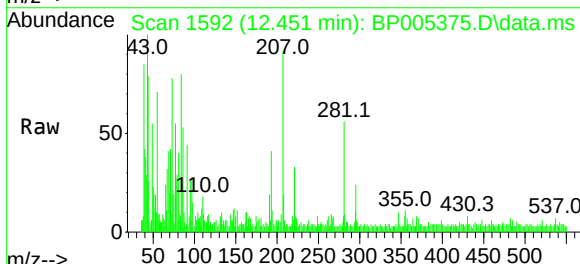
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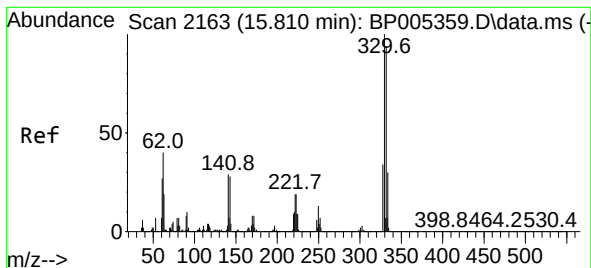
Tgt Ion:164 Resp: 74731
Ion Ratio Lower Upper
164 100
162 100.7 73.5 110.3
160 45.3 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:237 Resp: 6
Ion Ratio Lower Upper
237 100
235 66.7 40.9 80.9
272 0.0 0.0 34.6

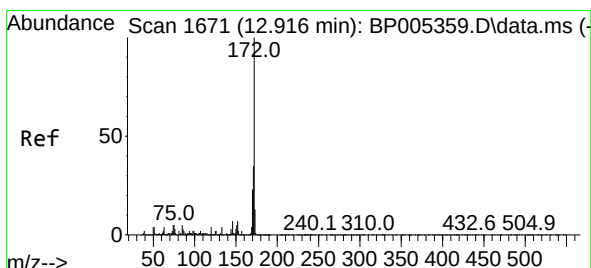
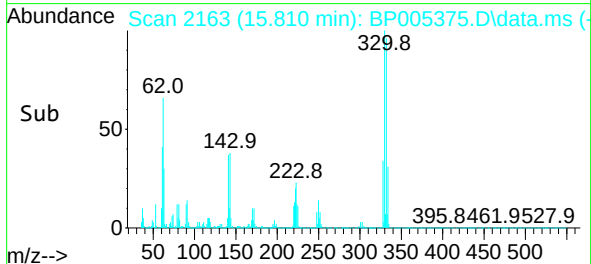
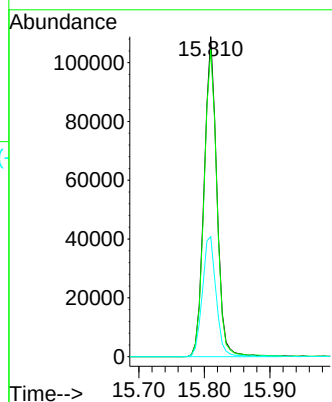
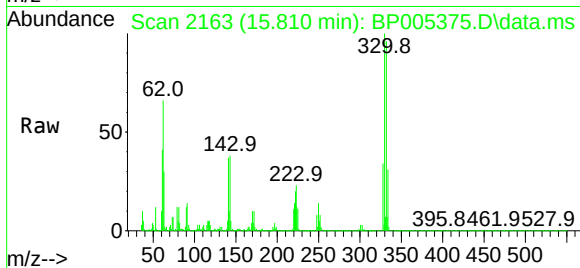




#42
2,4,6-Tribromophenol
Concen: 103.00 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

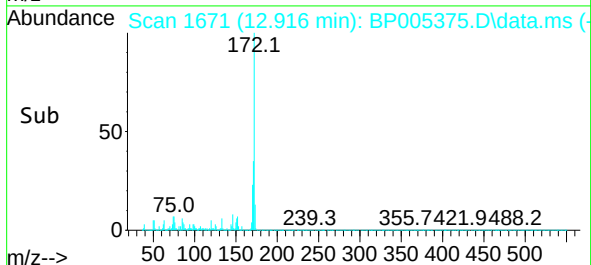
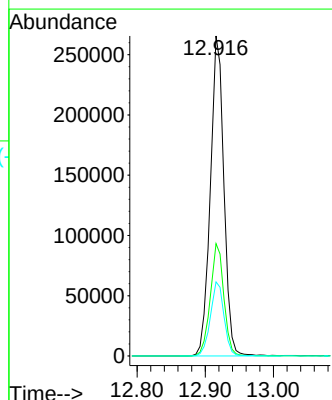
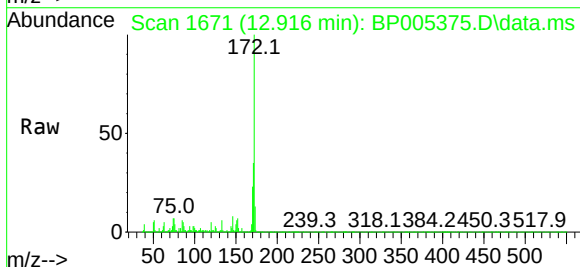
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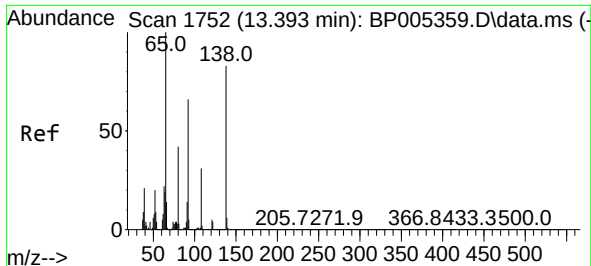
Tgt Ion:330 Resp: 147234
Ion Ratio Lower Upper
330 100
332 97.4 76.3 114.5
141 40.5 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 63.69 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:172 Resp: 367709
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.2 19.6 29.4

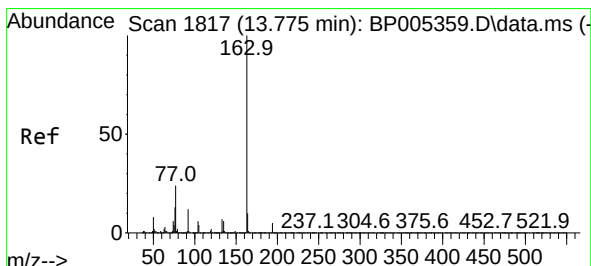
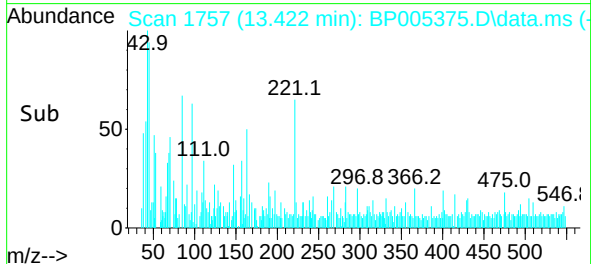
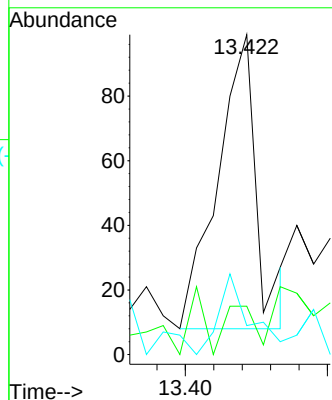
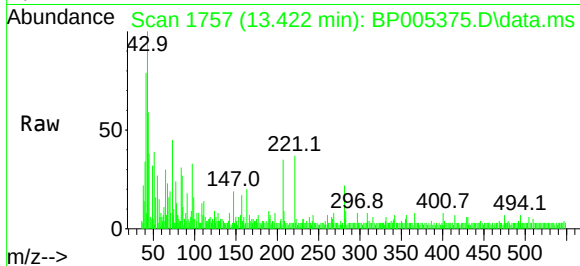




#48
2-Nitroaniline
Concen: 5.50 ng
RT: 13.422 min Scan# 1757
Delta R.T. 0.029 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

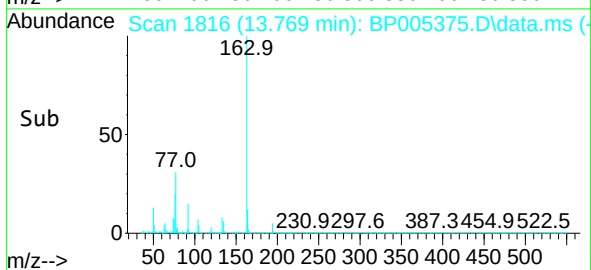
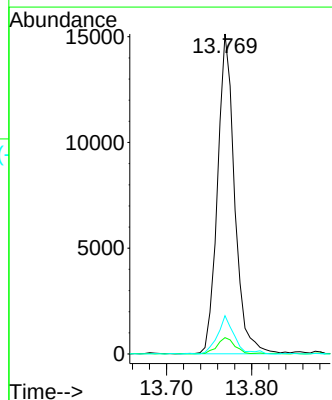
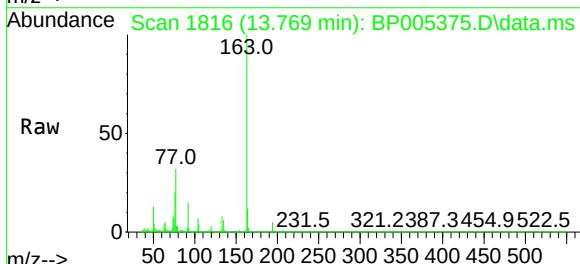
Instrument :
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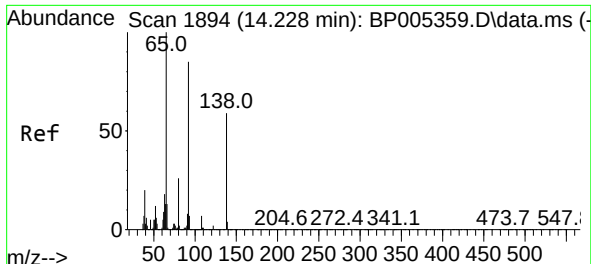
Tgt Ion: 65 Resp: 87
Ion Ratio Lower Upper
65 100
92 15.2 48.8 73.2#
138 9.1 69.5 104.3#



#50
Dimethylphthalate
Concen: 3.89 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion: 163 Resp: 21109
Ion Ratio Lower Upper
163 100
194 5.1 3.9 5.9
164 11.9 8.1 12.1

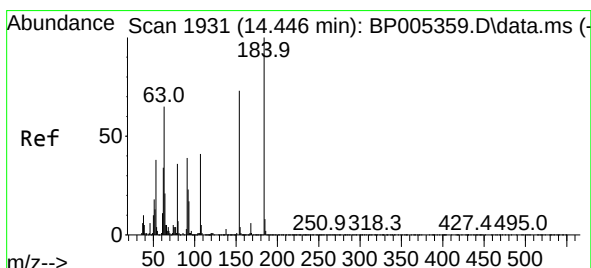
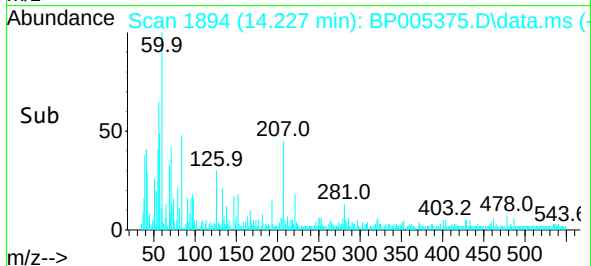
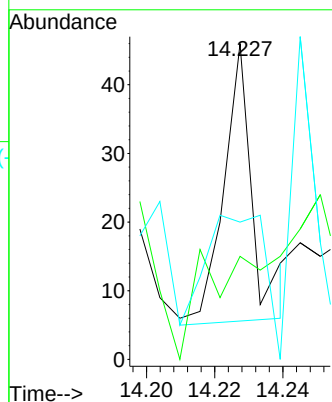
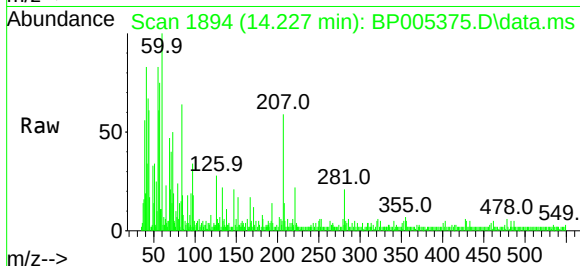




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.001 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

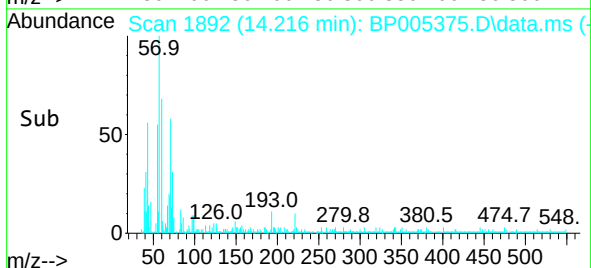
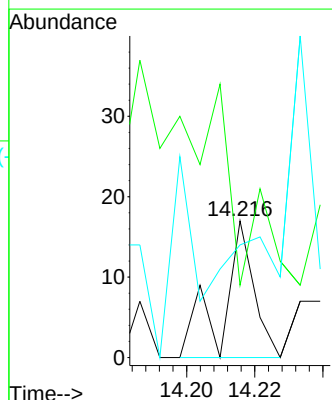
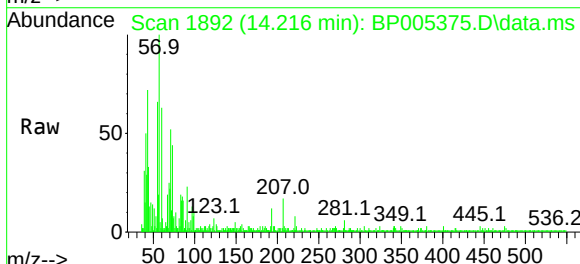
Instrument :
BNA_P
ClientSampleId :
RO-124030

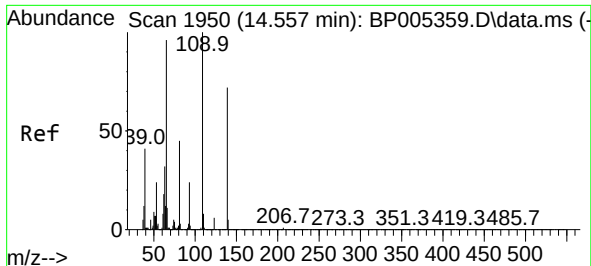
Tgt Ion:	138	Resp:	24
Ion	Ratio	Lower	Upper
138	100		
108	32.6	10.2	15.4#
92	43.5	108.1	162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.230 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:	184	Resp:	11
Ion	Ratio	Lower	Upper
184	100		
63	52.9	51.2	76.8
154	82.4	55.8	83.8

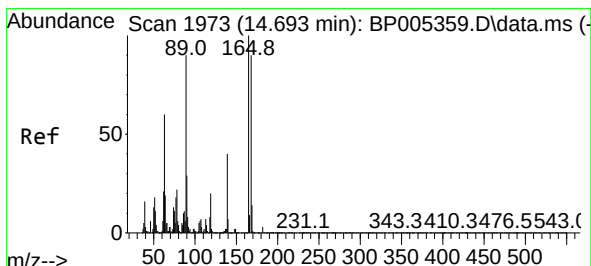
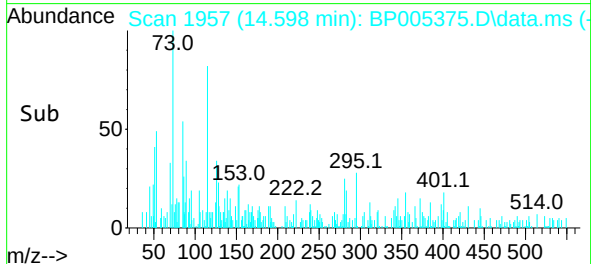
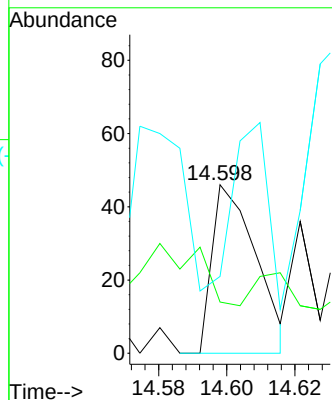
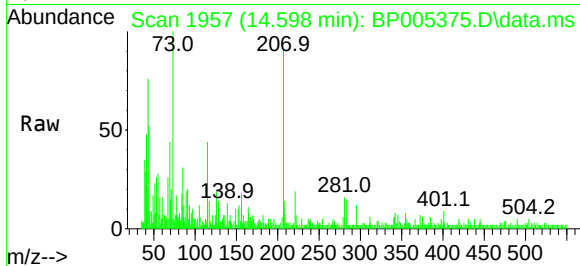




#56
4-Nitrophenol
Concen: 5.34 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.041 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

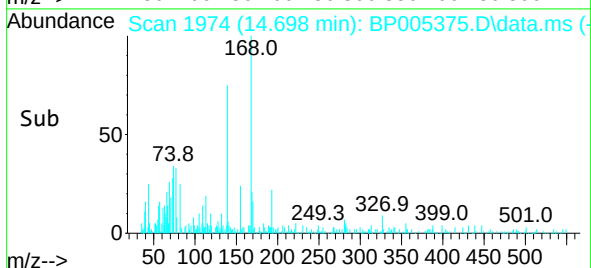
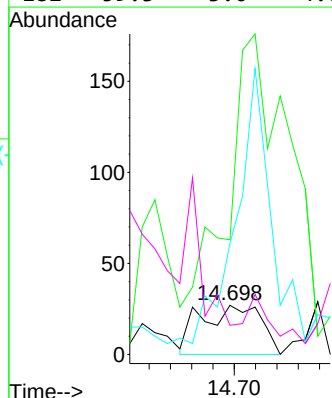
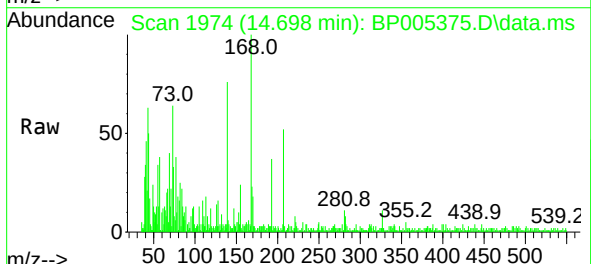
Instrument :
BNA_P
ClientSampleId :
RO-124030

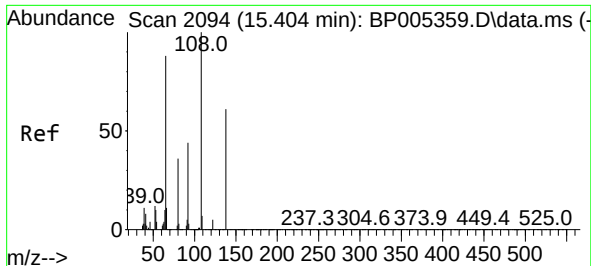
Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 30.4 122.8 162.8#
65 45.7 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.14 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:165 Resp: 53
Ion Ratio Lower Upper
165 100
63 233.3 56.7 85.1#
89 225.9 85.8 128.6#
182 59.3 3.0 4.6#

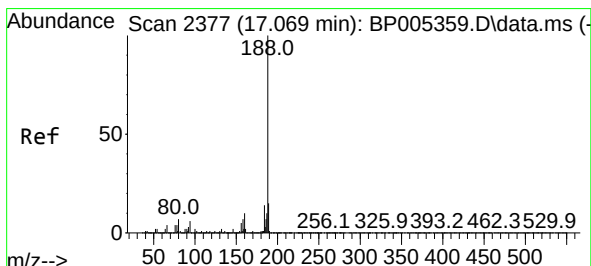
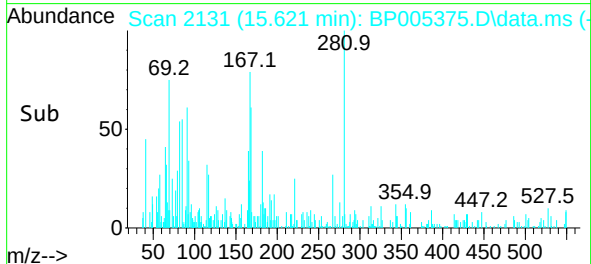
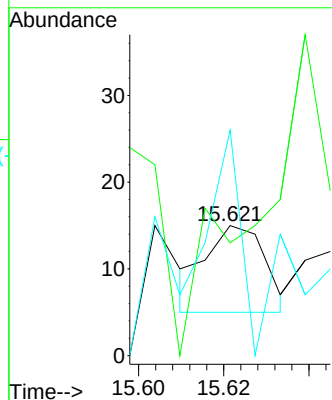
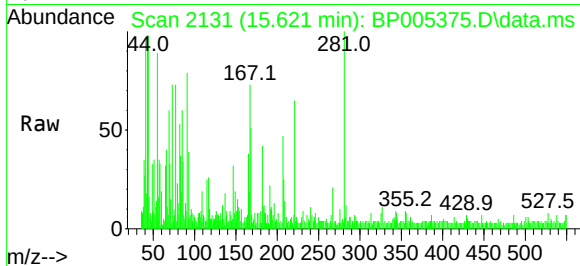




#62
4-Nitroaniline
Concen: 3.82 ng
RT: 15.621 min Scan# 2131
Delta R.T. 0.217 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

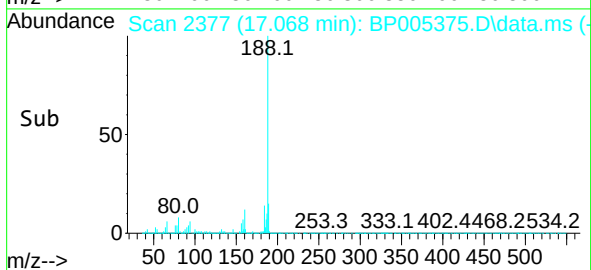
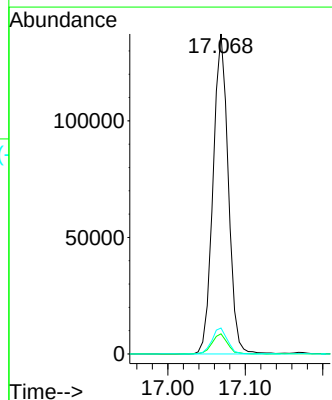
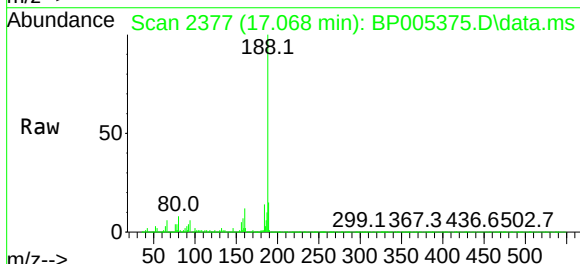
Instrument :
BNA_P
ClientSampleId :
RO-124030

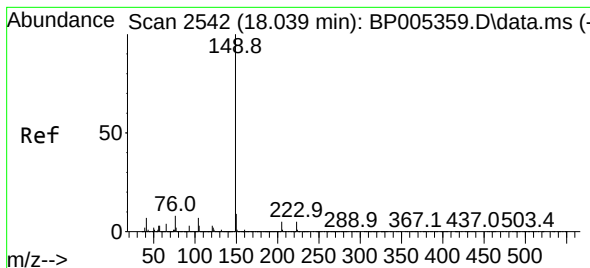
Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
92 86.7 50.9 90.9
108 173.3 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.068 min Scan# 2377
Delta R.T. -0.001 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:188 Resp: 187310
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.6
80 8.1 5.9 8.9





#74

Di-n-butylphthalate

Concen: 4.03 ng

RT: 18.039 min Scan# 2542

Delta R.T. -0.000 min

Lab File: BP005375.D

Acq: 22 Apr 2021 14:51

Instrument :

BNA_P

ClientSampleId :

RO-124030

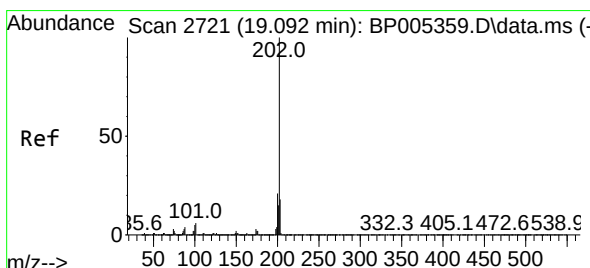
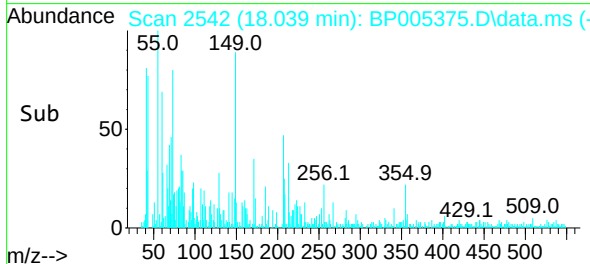
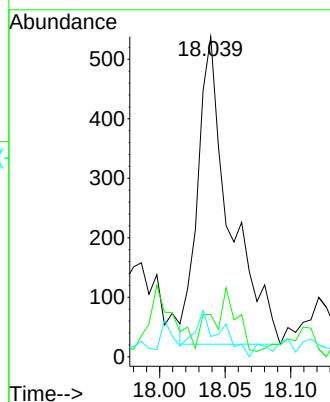
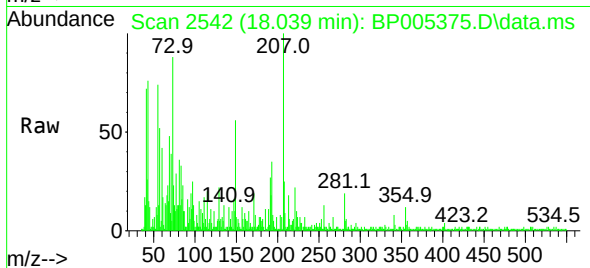
Tgt Ion:149 Resp: 873

Ion Ratio Lower Upper

149 100

150 13.2 7.6 11.4#

104 6.3 8.9 13.3#



#75

Fluoranthene

Concen: 4.98 ng

RT: 19.092 min Scan# 2721

Delta R.T. -0.000 min

Lab File: BP005375.D

Acq: 22 Apr 2021 14:51

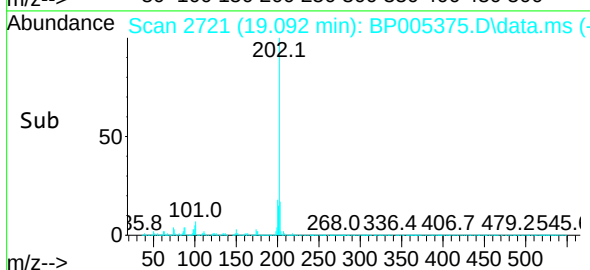
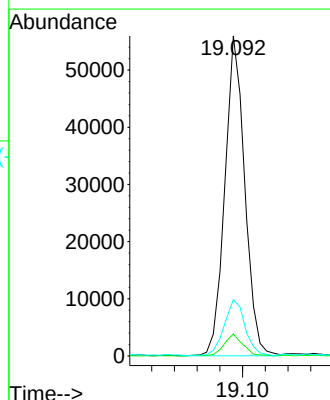
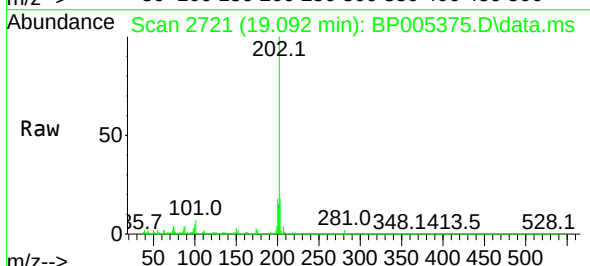
Tgt Ion:202 Resp: 68207

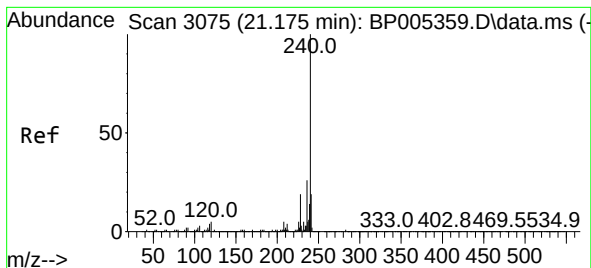
Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.1

203 17.6 0.0 37.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.168 min Scan# 3074

Delta R.T. -0.007 min

Lab File: BP005375.D

Acq: 22 Apr 2021 14:51

Tgt Ion:240 Resp: 227244

Ion Ratio Lower Upper

240 100

120 4.8 4.2 6.2

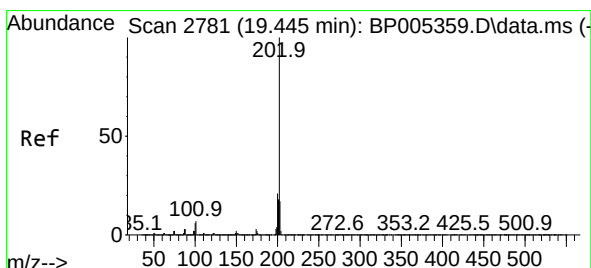
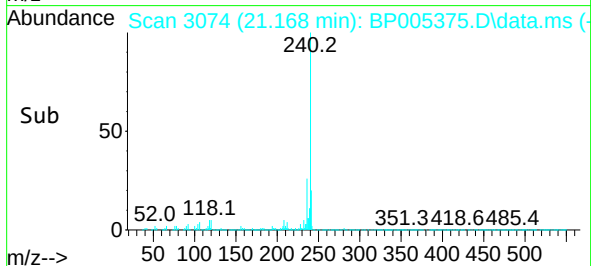
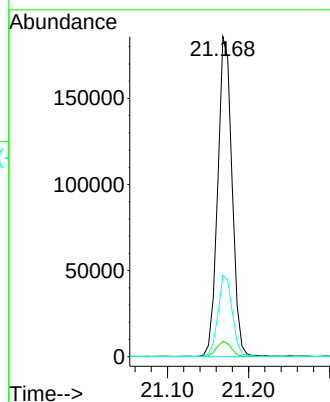
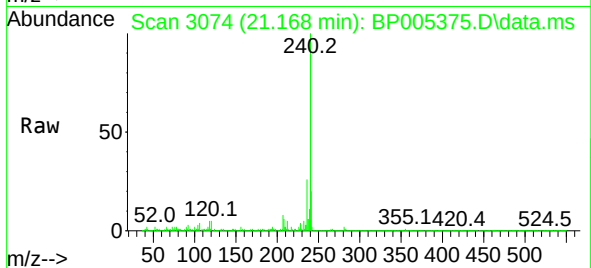
236 25.5 20.2 30.2

Instrument :

BNA_P

ClientSampleId :

RO-124030



#78

Pyrene

Concen: 4.44 ng

RT: 19.445 min Scan# 2781

Delta R.T. -0.000 min

Lab File: BP005375.D

Acq: 22 Apr 2021 14:51

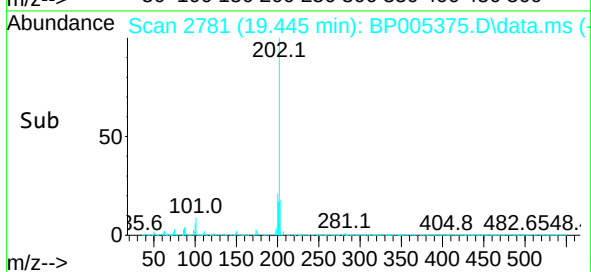
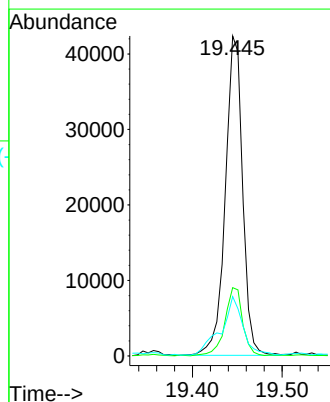
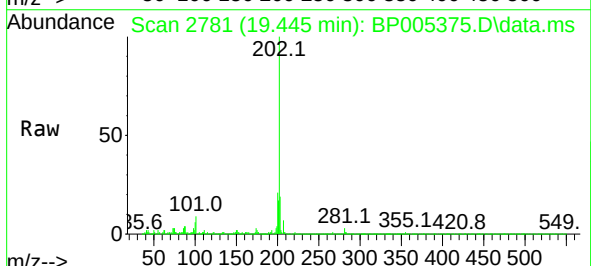
Tgt Ion:202 Resp: 56635

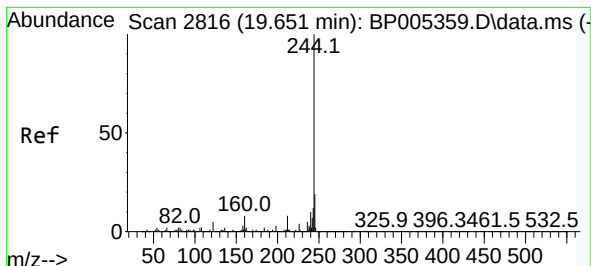
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 18.5 13.8 20.6





#79

Terphenyl-d14

Concen: 57.34 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005375.D

Acq: 22 Apr 2021 14:51

Instrument :

BNA_P

ClientSampleId :

RO-124030

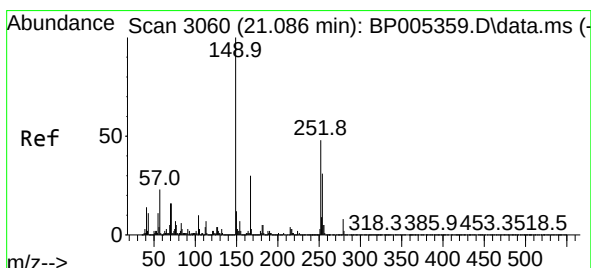
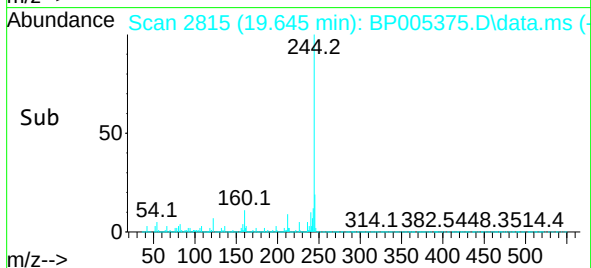
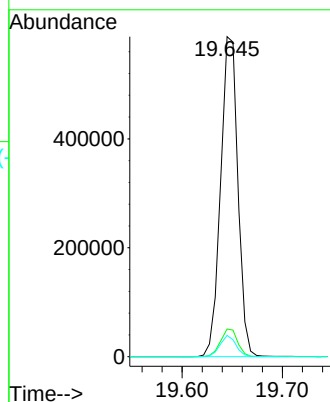
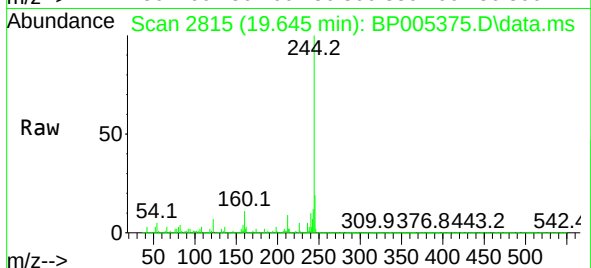
Tgt Ion:244 Resp: 703211

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

122 6.6 5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.99 ng

RT: 21.080 min Scan# 3059

Delta R.T. -0.006 min

Lab File: BP005375.D

Acq: 22 Apr 2021 14:51

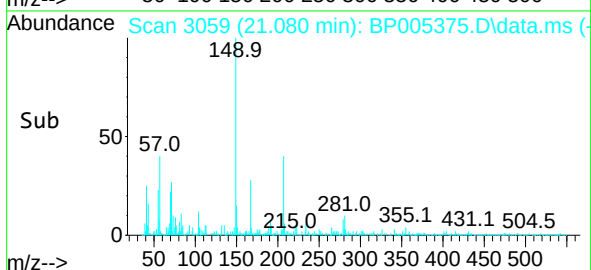
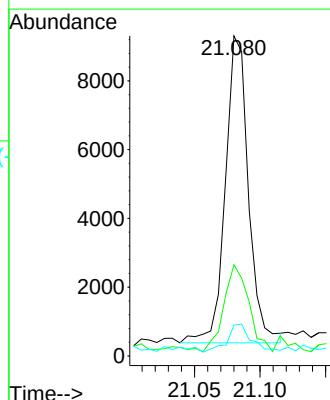
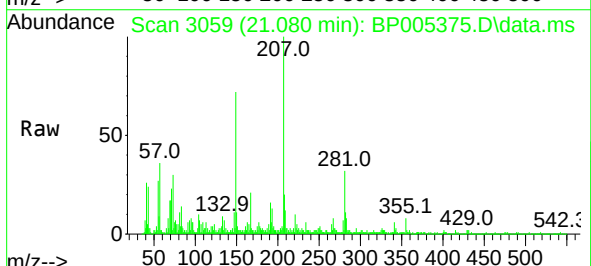
Tgt Ion:149 Resp: 10926

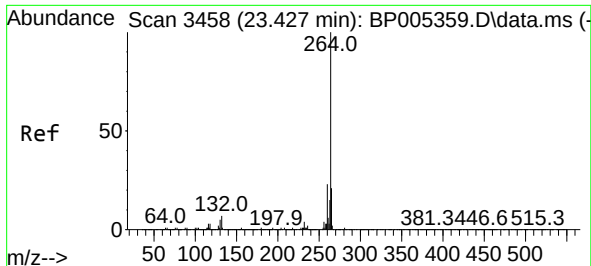
Ion Ratio Lower Upper

149 100

167 28.5 23.8 35.8

279 9.7 5.7 8.5#

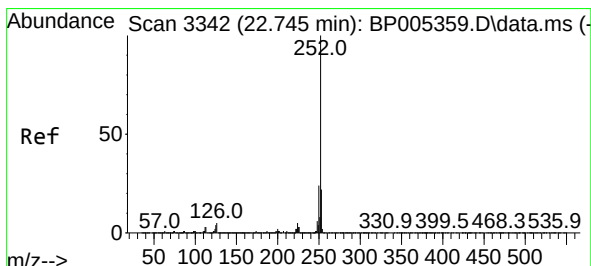
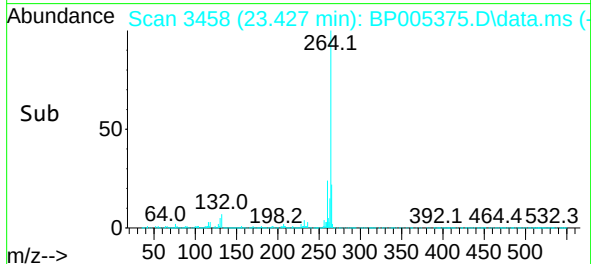
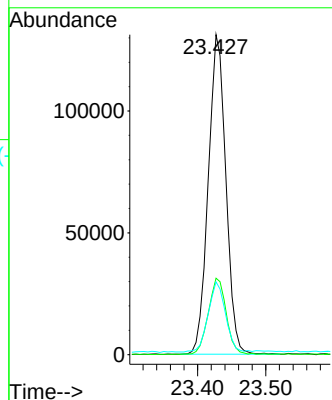
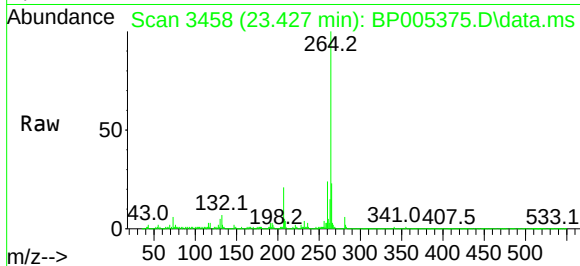




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

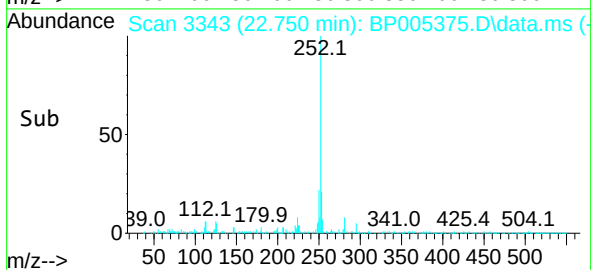
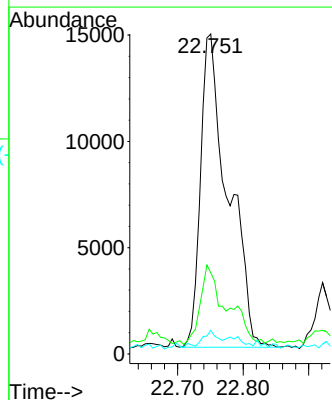
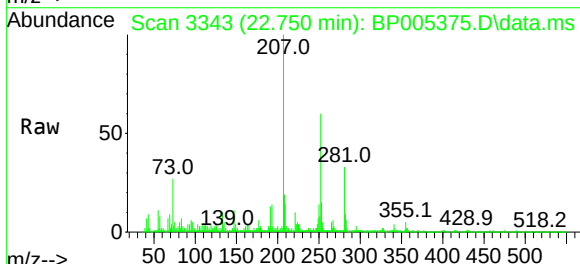
Instrument :
BNA_P
ClientSampleId :
RO-124030

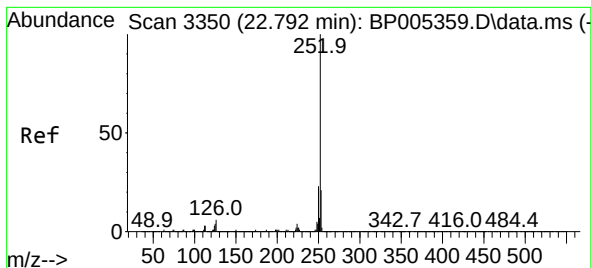
Tgt Ion:	264	Resp:	236155
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.6	30.8
265	22.8	19.0	28.6



#88
Benzo(b)fluoranthene
Concen: 2.76 ng
RT: 22.750 min Scan# 3343
Delta R.T. 0.005 min
Lab File: BP005375.D
Acq: 22 Apr 2021 14:51

Tgt Ion:	252	Resp:	42991
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.2	27.2
125	7.4	3.4	5.0#





#89

Benzo(k)fluoranthene

Concen: 2.82 ng

RT: 22.750 min Scan# 3343

Delta R.T. -0.042 min

Lab File: BP005375.D

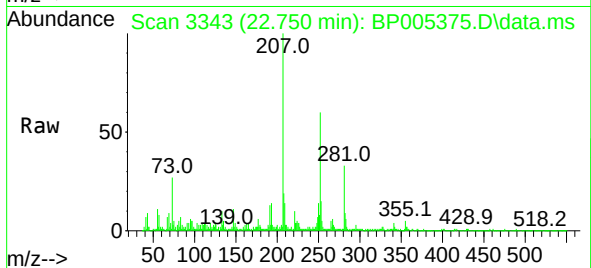
Acq: 22 Apr 2021 14:51

Instrument :

BNA_P

ClientSampleId :

RO-124030



Tgt Ion:252 Resp: 42991

Ion Ratio Lower Upper

252 100

253 25.4 17.2 25.8

125 7.4 3.8 5.6#

