

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005381.D
 Acq On : 22 Apr 2021 18:14
 Operator : CG/JU
 Sample : M2100-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 361

Quant Time: Apr 22 18:44:44 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)

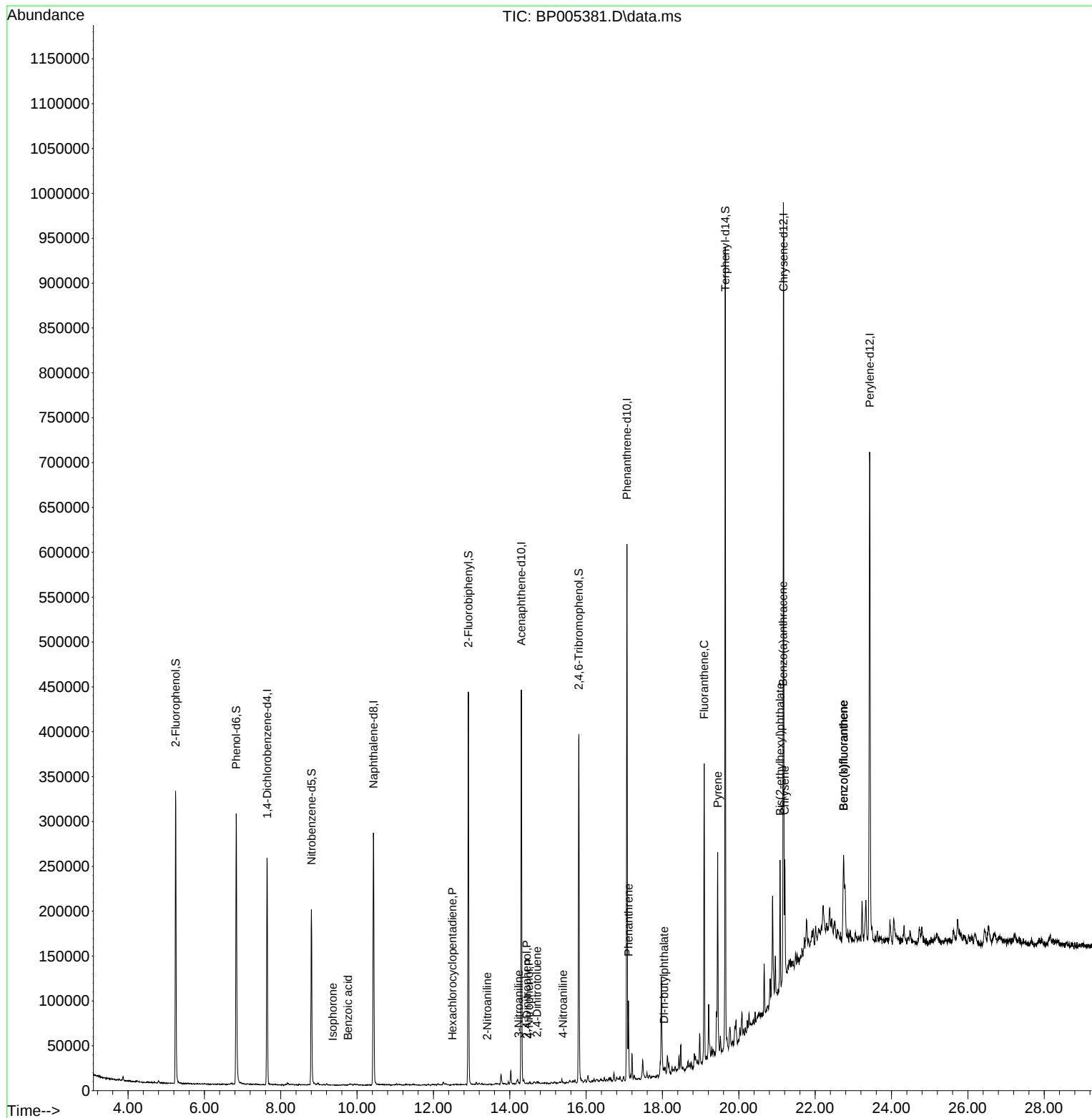
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	49687	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	178982	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	123044	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	291562	20.00	ng	0.00
76) Chrysene-d12	21.169	240	366026	20.00	ng	0.00
86) Perylene-d12	23.427	264	376372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	97177	33.97	ng	0.00
7) Phenol-d6	6.834	99	130213	33.04	ng	0.00
23) Nitrobenzene-d5	8.805	82	108980	26.48	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	57673	24.50	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	178686	18.80	ng	0.00
79) Terphenyl-d14	19.645	244	328697	16.64	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.363	82	92	2.96	ng	# 60
32) Benzoic acid	9.763	122	186	7.83	ng	# 73
41) Hexachlorocyclopentadiene	12.499	237	6	6.96	ng	73
48) 2-Nitroaniline	13.410	65	21	5.45	ng	# 64
53) 3-Nitroaniline	14.234	138	9	2.66	ng	# 87
54) 2,4-Dinitrophenol	14.445	184	13	7.53	ng	# 1
56) 4-Nitrophenol	14.504	139	33	5.32	ng	# 29
57) 2,4-Dinitrotoluene	14.716	165	59	3.13	ng	# 47
62) 4-Nitroaniline	15.393	138	22	3.83	ng	# 1
71) Phenanthrene	17.110	178	41329	2.66	ng	97
74) Di-n-butylphthalate	18.039	149	2336	4.09	ng	# 92
75) Fluoranthene	19.092	202	169693	7.95	ng	99
78) Pyrene	19.445	202	124193	6.05	ng	98
81) Benzo(a)anthracene	21.157	228	48126	2.04	ng	98
83) Chrysene	21.204	228	73348	3.13	ng	95
84) Bis(2-ethylhexyl)phtha...	21.080	149	39099	7.44	ng	# 96
88) Benzo(b)fluoranthene	22.745	252	74417	3.00	ng	99
89) Benzo(k)fluoranthene	22.745	252	74417	3.06	ng	96

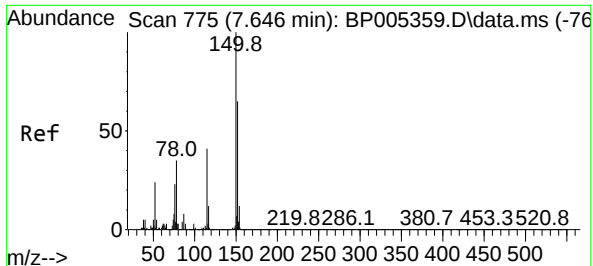
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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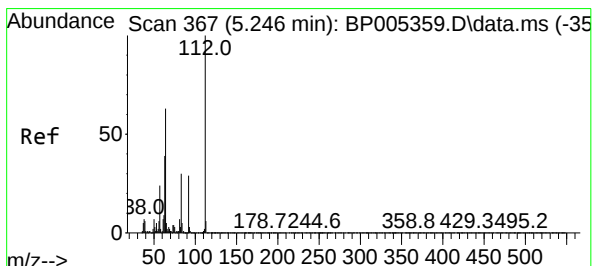
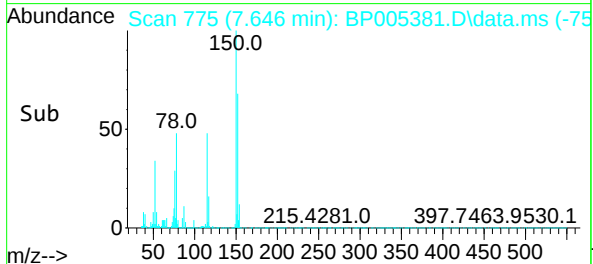
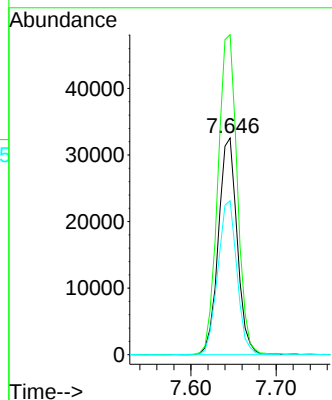
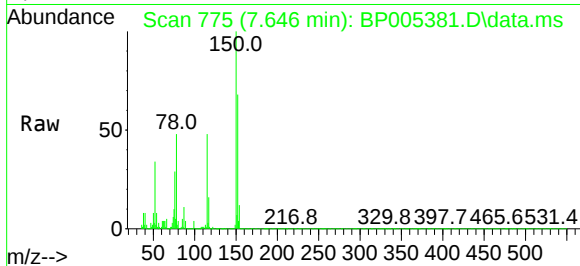




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

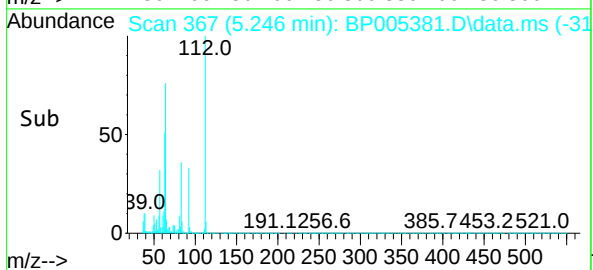
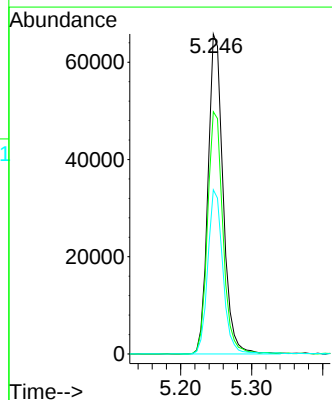
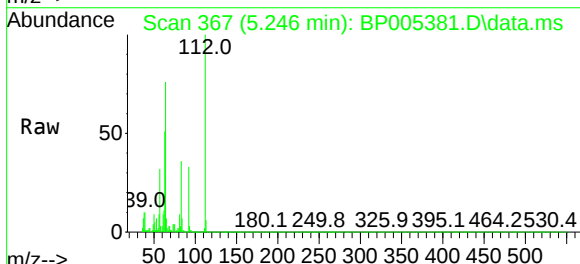
Instrument :
BNA_P
ClientSampled :
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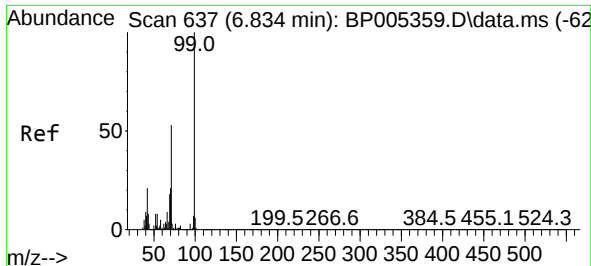
Tgt Ion:152 Resp: 49687
Ion Ratio Lower Upper
152 100
150 147.7 119.8 179.8
115 71.0 49.0 73.4



#5
2-Fluorophenol
Concen: 33.97 ng
RT: 5.246 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:112 Resp: 97177
Ion Ratio Lower Upper
112 100
64 75.7 33.6 50.4#
63 51.3 18.6 27.8#

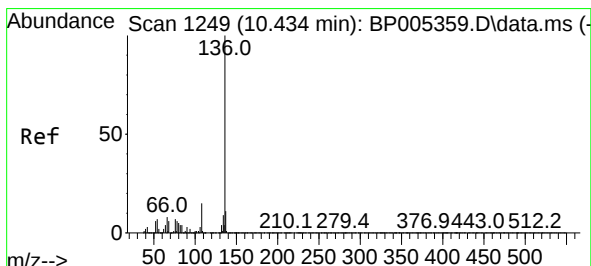
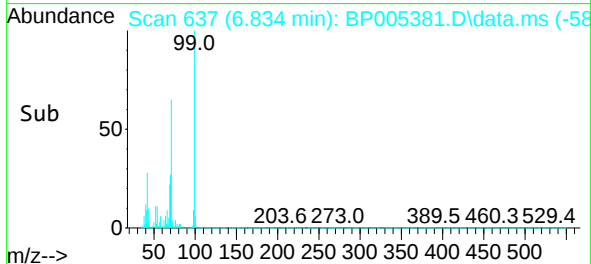
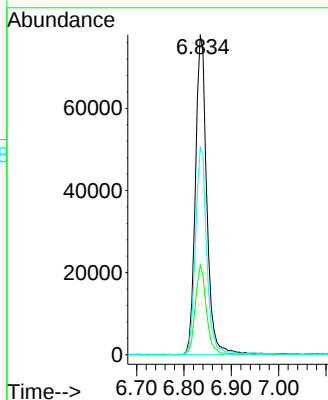
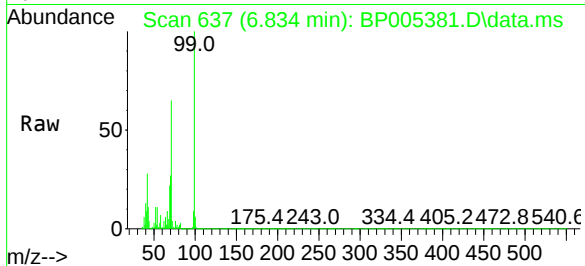




#7
Phenol-d6
Concen: 33.04 ng
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

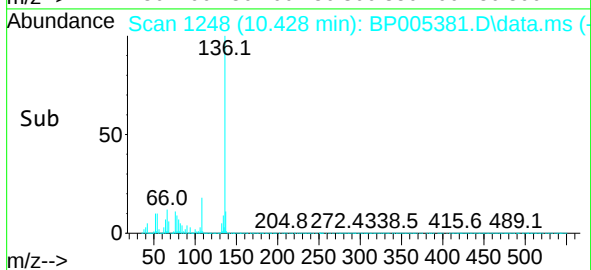
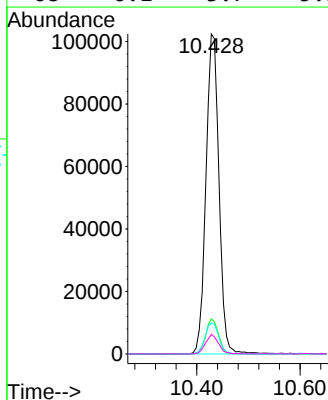
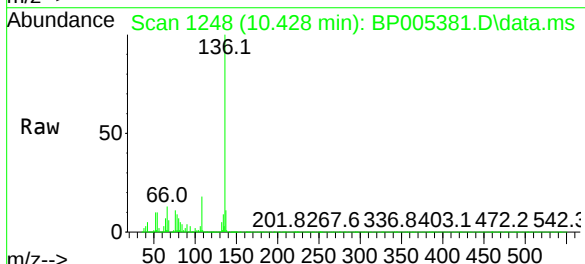
Instrument :
BNA_P
ClientSampled :
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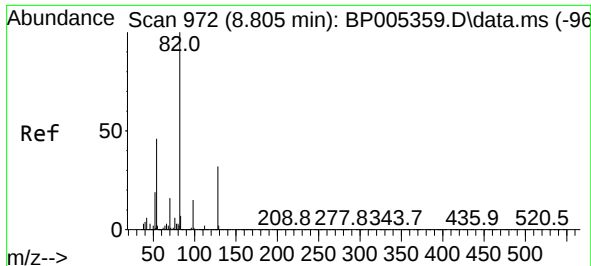
Tgt Ion: 99 Resp: 130213
Ion Ratio Lower Upper
99 100
42 28.0 12.9 19.3#
71 64.7 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion: 136 Resp: 178982
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 5.0 7.4#
68 6.1 3.7 5.5#

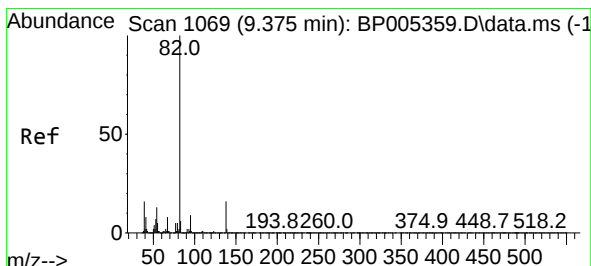
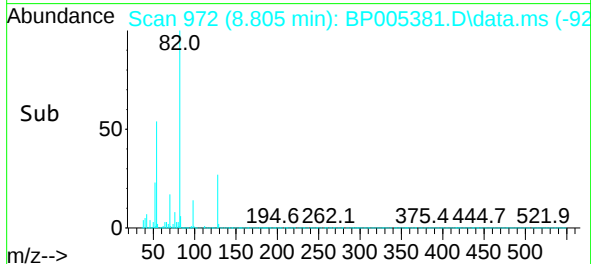
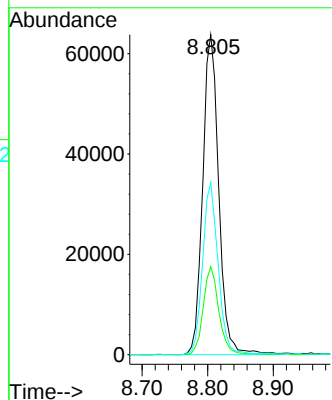
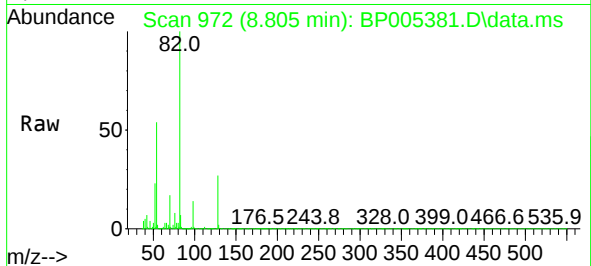




#23
Nitrobenzene-d5
Concen: 26.48 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

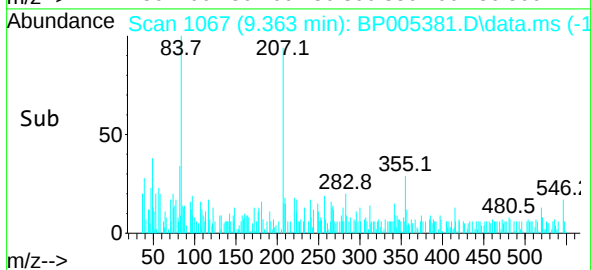
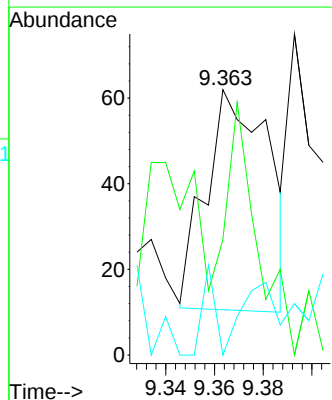
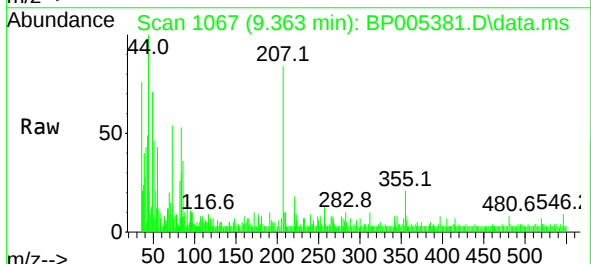
Instrument :
BNA_P
ClientSampleId :
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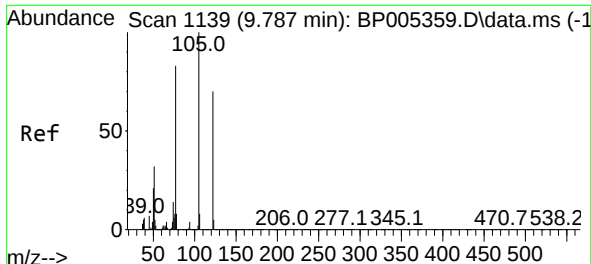
Tgt Ion: 82 Resp: 108980
Ion Ratio Lower Upper
82 100
128 27.5 30.5 45.7#
54 53.8 33.9 50.9#



#25
Isophorone
Concen: 2.96 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion: 82 Resp: 92
Ion Ratio Lower Upper
82 100
95 43.5 7.5 11.3#
138 12.9 14.6 22.0#

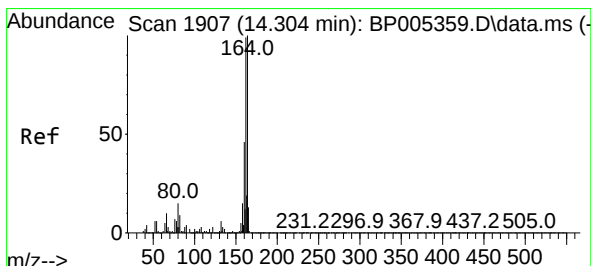
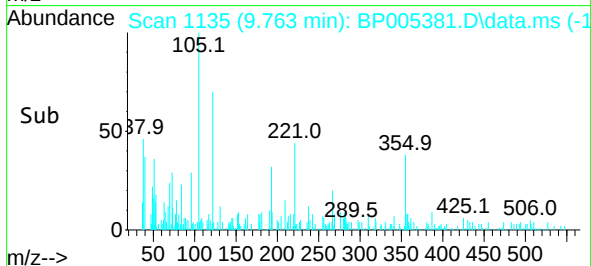
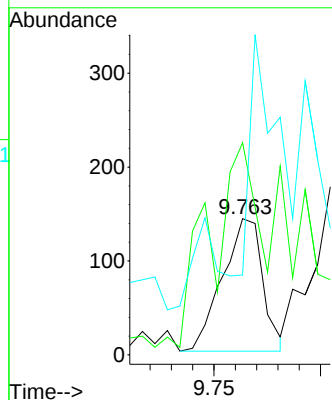
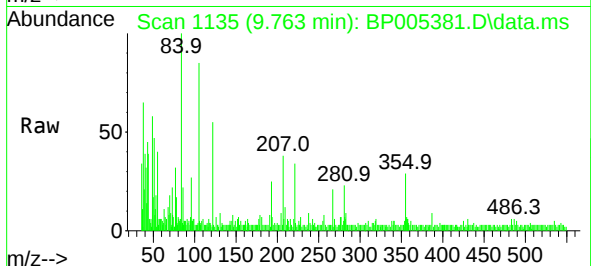




#32
Benzoic acid
Concen: 7.83 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.024 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

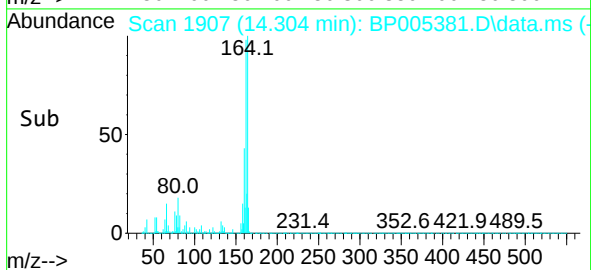
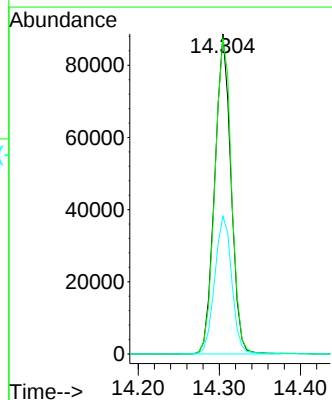
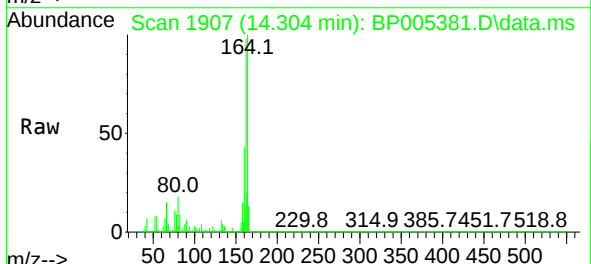
Instrument :
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ClientSampled :
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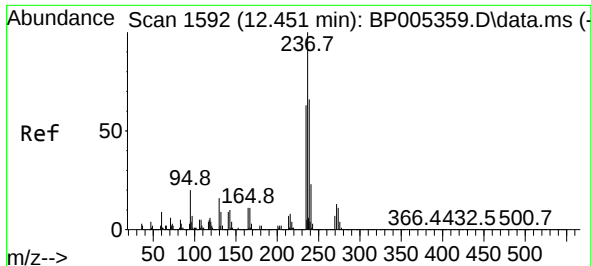
Tgt Ion:122 Resp: 186
Ion Ratio Lower Upper
122 100
105 147.7 105.1 145.1#
77 55.6 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:164 Resp: 123044
Ion Ratio Lower Upper
164 100
162 98.4 73.5 110.3
160 43.0 40.6 61.0

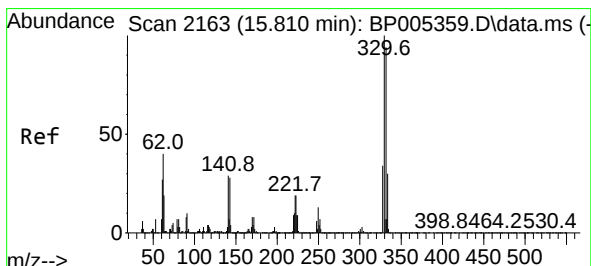
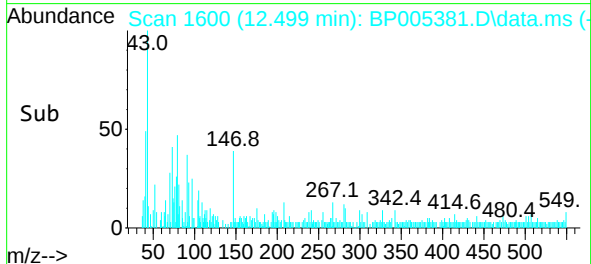
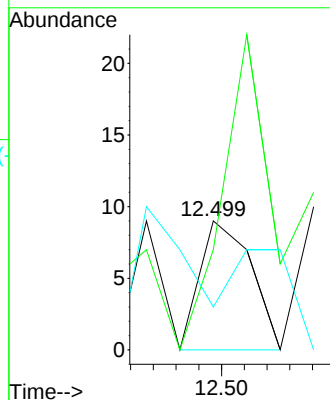
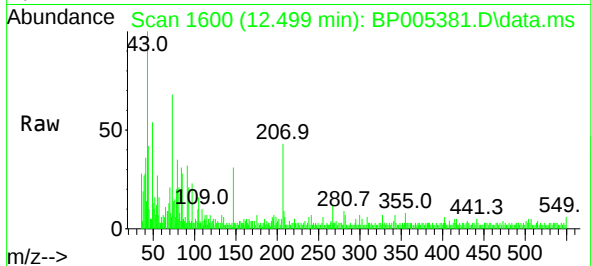




#41
Hexachlorocyclopentadiene
Concen: 6.96 ng
RT: 12.499 min Scan# 1600
Delta R.T. 0.048 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

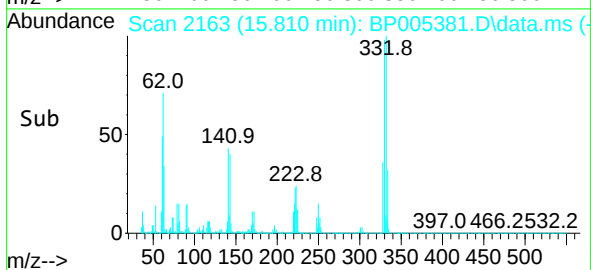
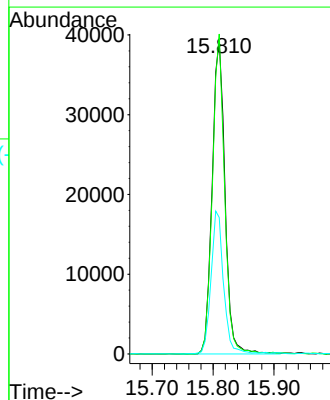
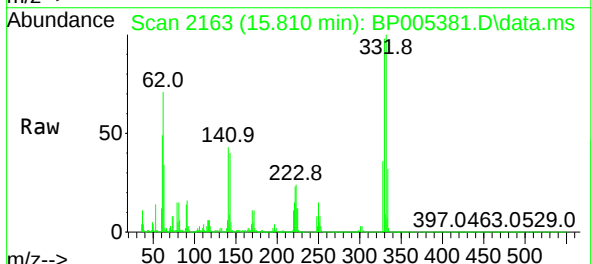
Instrument :
BNA_P
ClientSampled :
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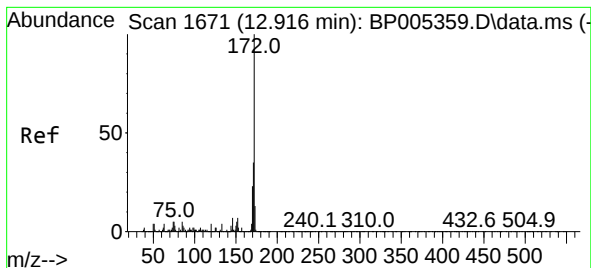
Tgt Ion:237	Resp:	6
Ion Ratio	Lower	Upper
237	100	
235	77.8	40.9 80.9
272	33.3	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 24.50 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:330	Resp:	57673
Ion Ratio	Lower	Upper
330	100	
332	96.8	76.3 114.5
141	44.5	22.8 34.2#

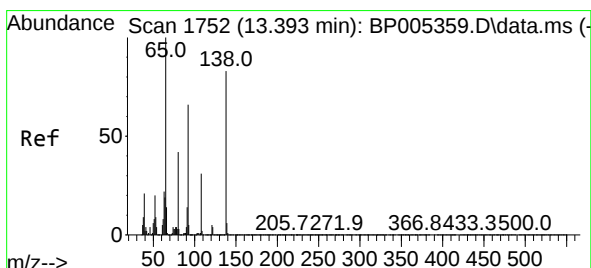
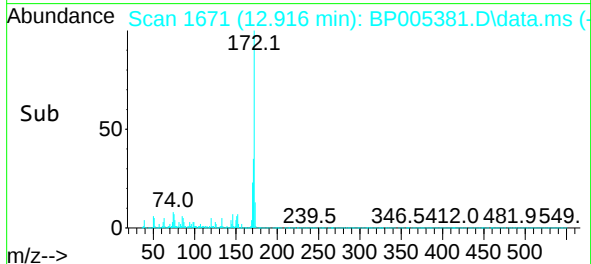
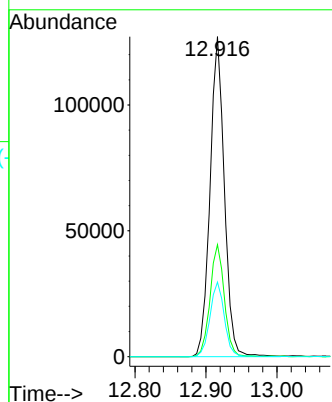
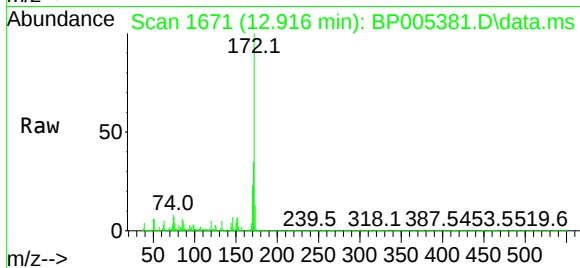




#45
2-Fluorobiphenyl
Concen: 18.80 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

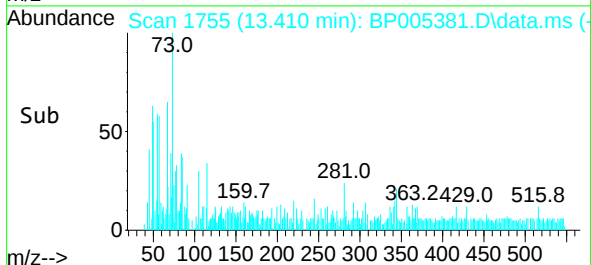
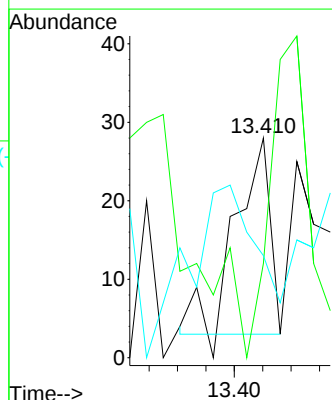
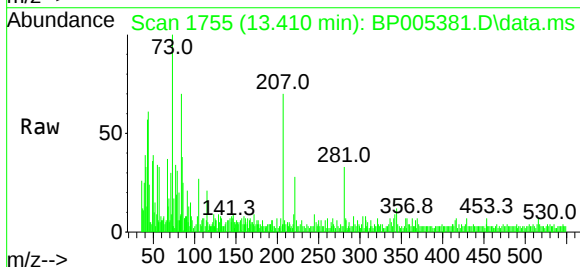
Instrument :
BNA_P
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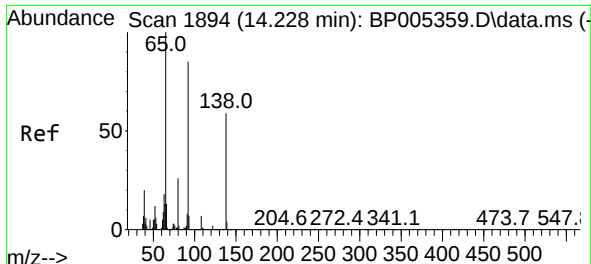
Tgt Ion:172	Resp:	178686
Ion Ratio	Lower	Upper
172	100	
171	35.0	28.1 42.1
170	23.3	19.6 29.4



#48
2-Nitroaniline
Concen: 5.45 ng
RT: 13.410 min Scan# 1755
Delta R.T. 0.017 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion: 65	Resp:	21
Ion Ratio	Lower	Upper
65	100	
92	42.9	48.8 73.2#
138	46.4	69.5 104.3#

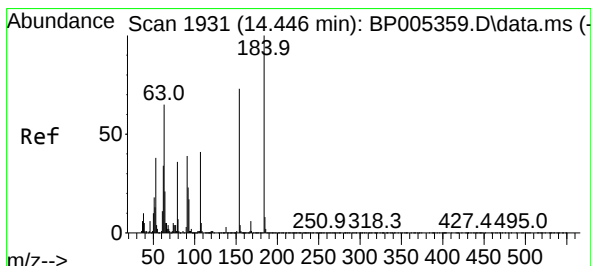
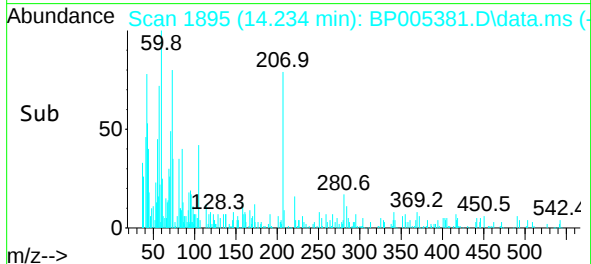
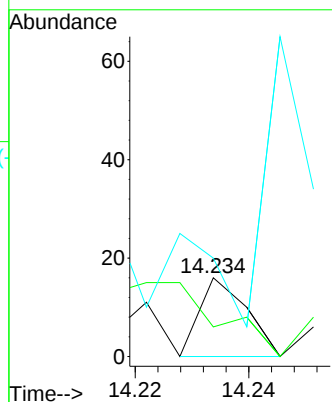
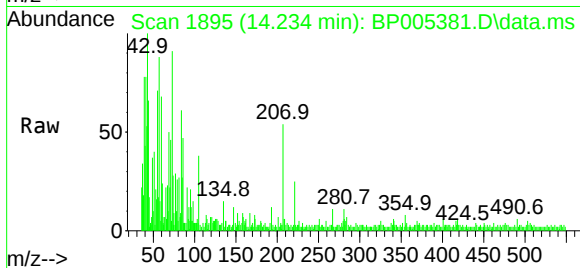




#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.234 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

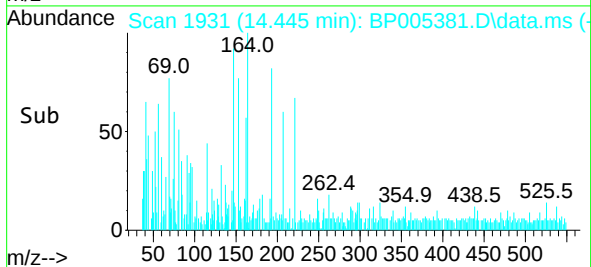
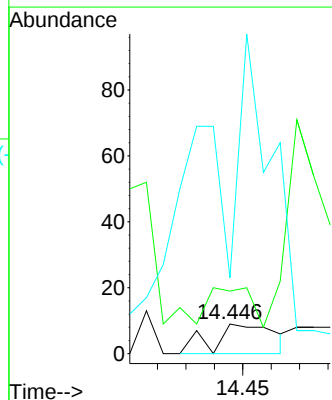
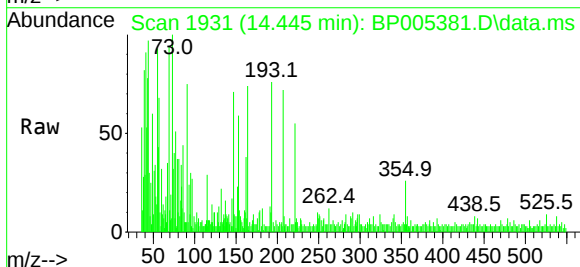
Instrument :
BNA_P
ClientSampled :
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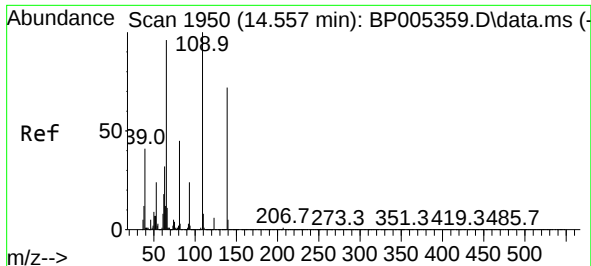
Tgt Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
108 37.5 10.2 15.4#
92 125.0 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 211.1 51.2 76.8#
154 255.6 55.8 83.8#

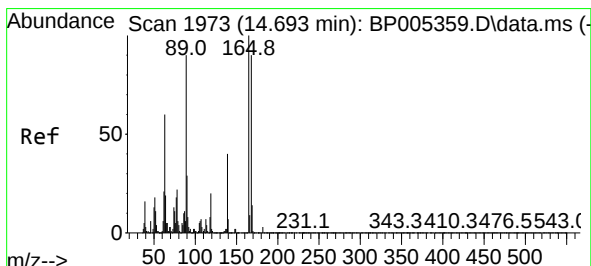
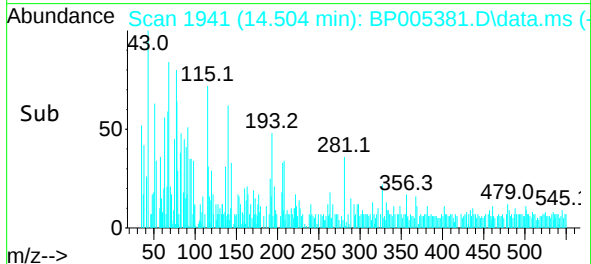
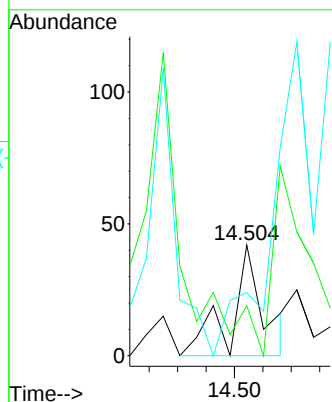
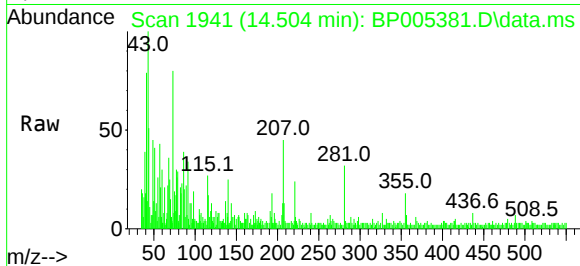




#56
4-Nitrophenol
Concen: 5.32 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.053 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

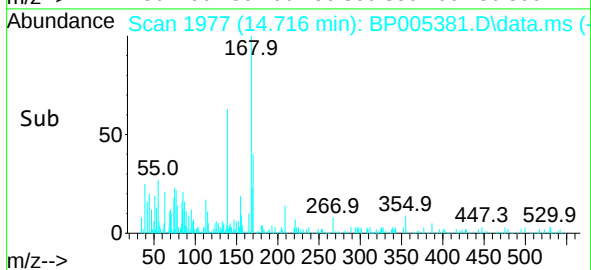
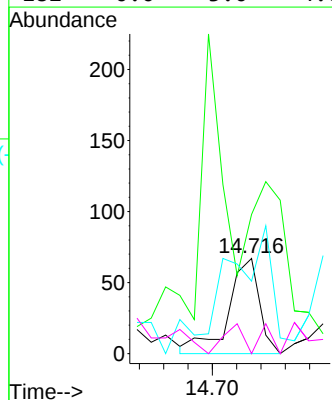
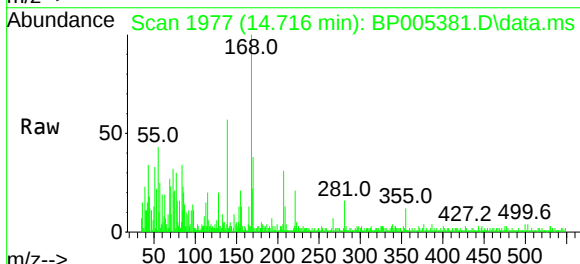
Instrument :
BNA_P
ClientSampled :
361

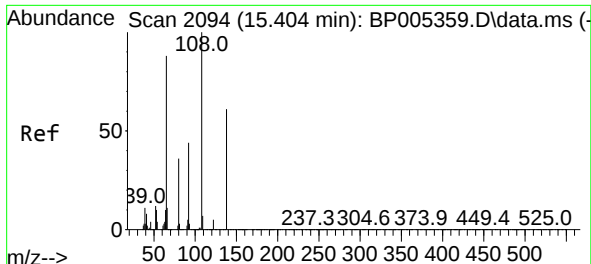
Tgt Ion:139 Resp: 33
Ion Ratio Lower Upper
139 100
109 45.2 122.8 162.8#
65 57.1 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.13 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.023 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 146.3 56.7 85.1#
89 76.1 85.8 128.6#
182 0.0 3.0 4.6#

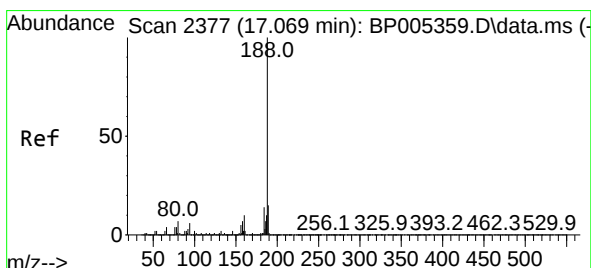
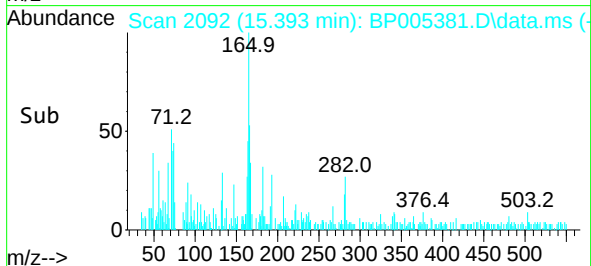
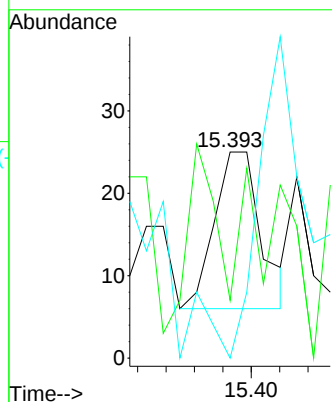
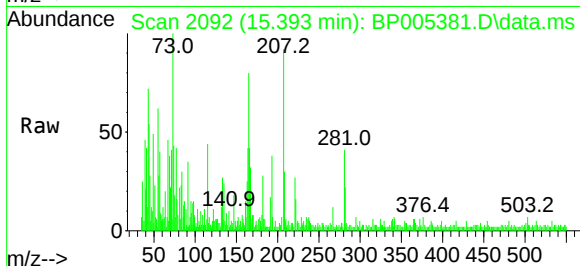




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.393 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

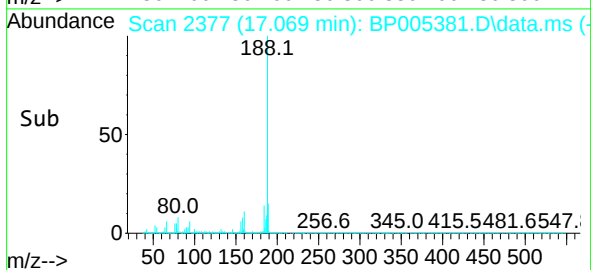
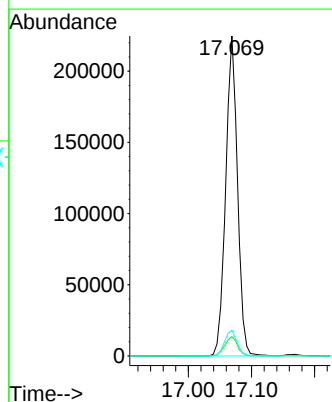
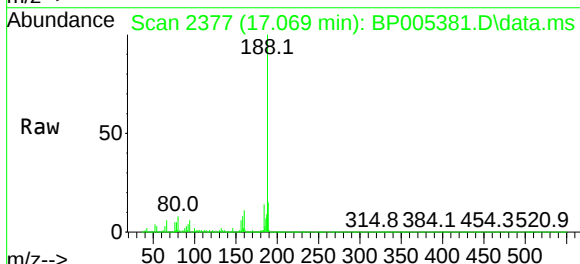
Instrument :
BNA_P
ClientSampled :
361

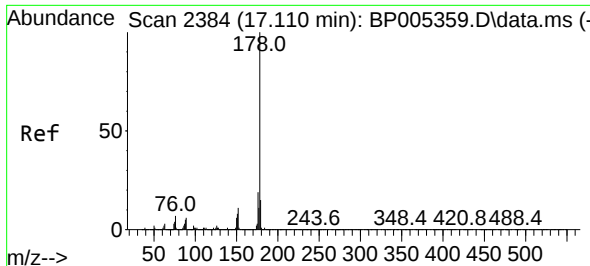
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 28.0 50.9 90.9#
108 0.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:188 Resp: 291562
Ion Ratio Lower Upper
188 100
94 6.0 5.0 7.6
80 8.0 5.9 8.9

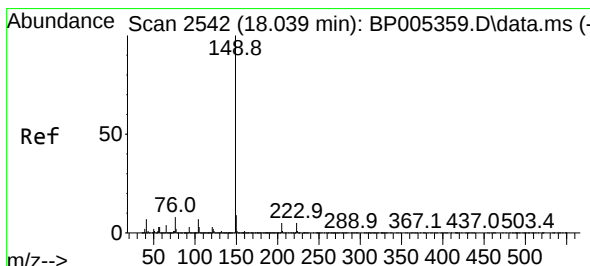
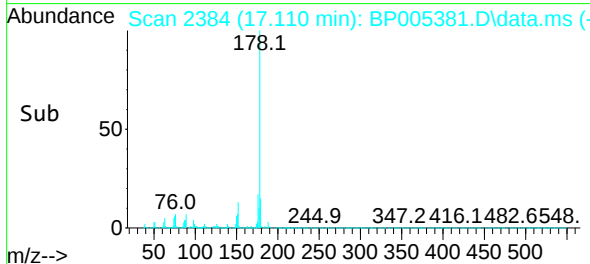
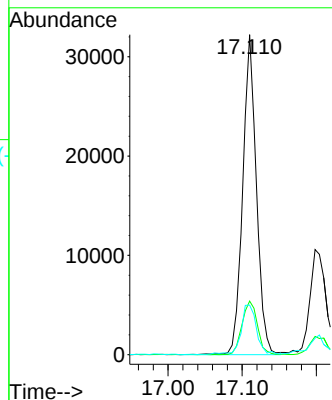
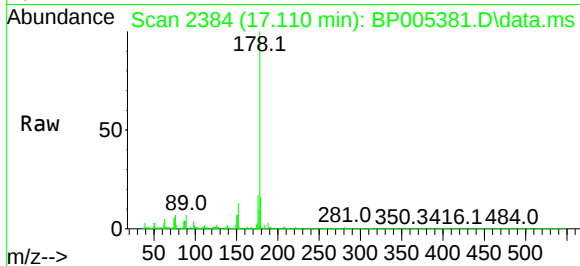




#71
Phenanthrene
Concen: 2.66 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

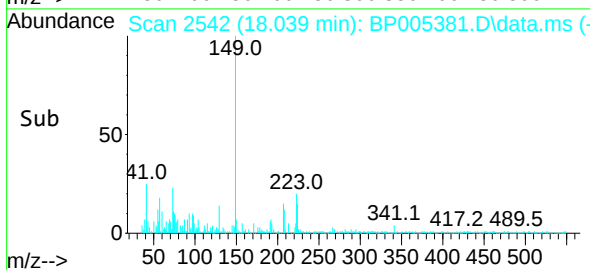
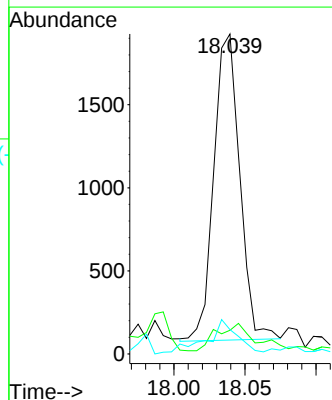
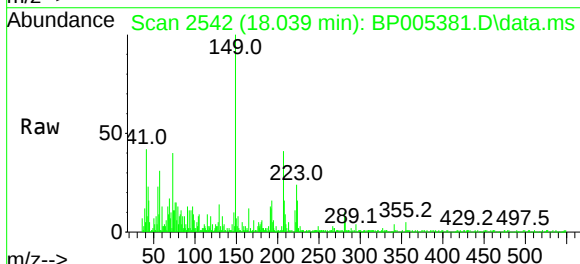
Instrument :
BNA_P
ClientSampled :
361

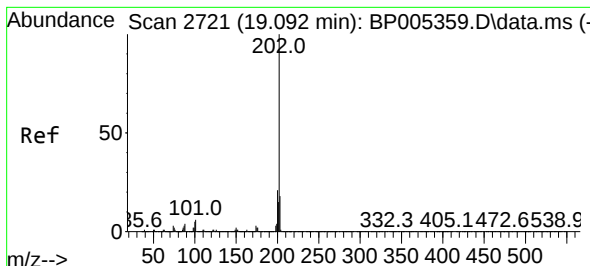
Tgt Ion:178 Resp: 41329
Ion Ratio Lower Upper
178 100
176 16.8 15.4 23.2
179 15.5 12.3 18.5



#74
Di-n-butylphthalate
Concen: 4.09 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:149 Resp: 2336
Ion Ratio Lower Upper
149 100
150 7.4 7.6 11.4#
104 7.6 8.9 13.3#

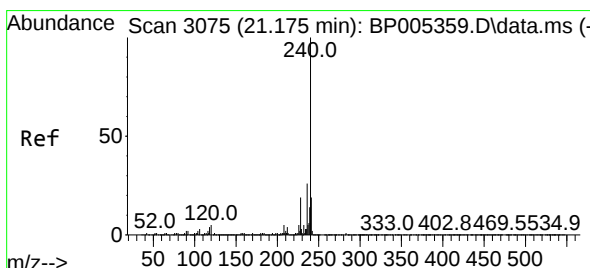
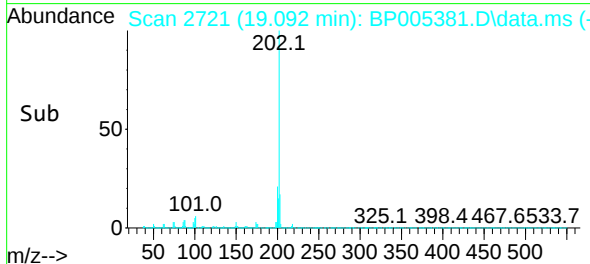
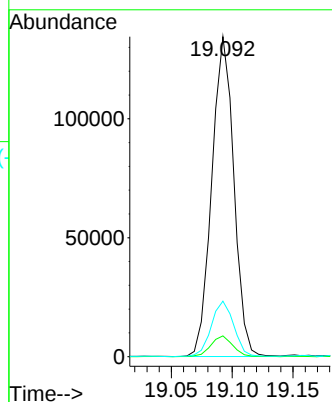
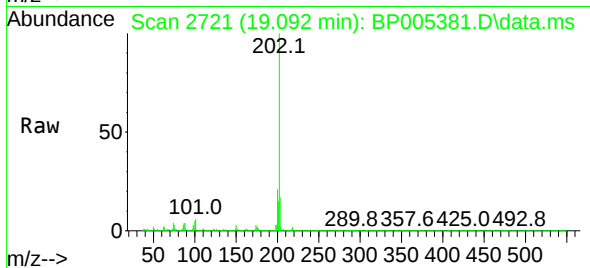




#75
Fluoranthene
Concen: 7.95 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

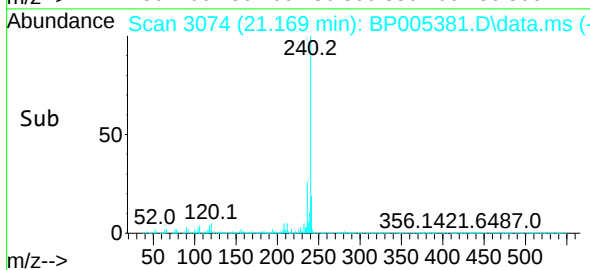
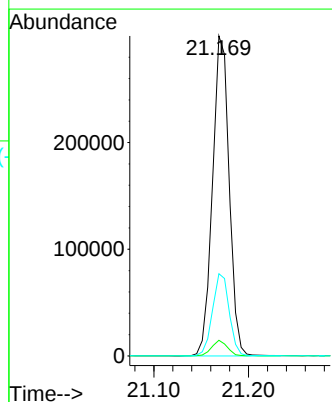
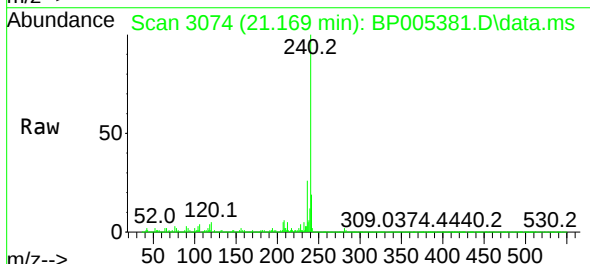
Instrument :
BNA_P
ClientSampleId :
361

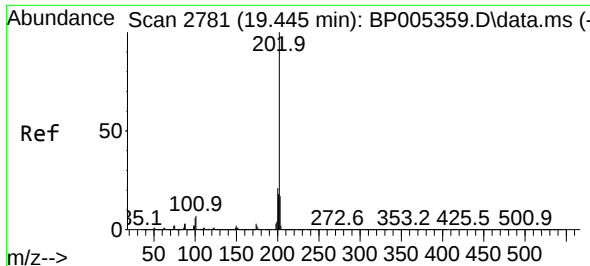
Tgt Ion:	202	Resp:	169693
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.1
203	17.4	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:	240	Resp:	366026
Ion Ratio	Lower	Upper	
240	100		
120	4.9	4.2	6.2
236	25.7	20.2	30.2

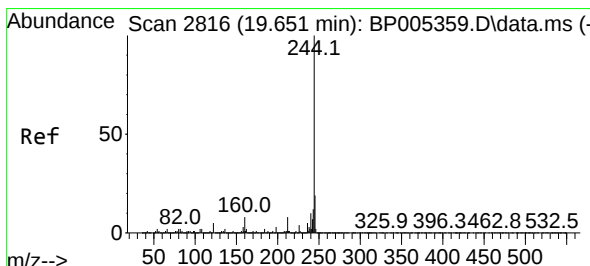
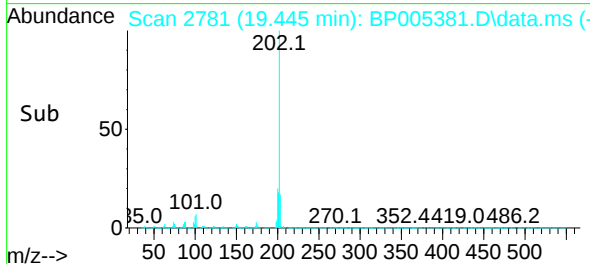
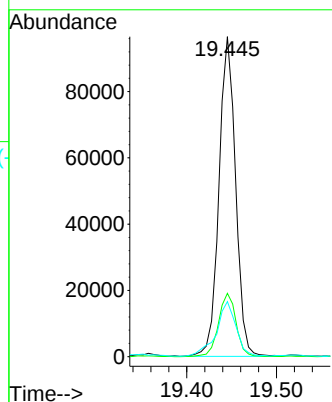
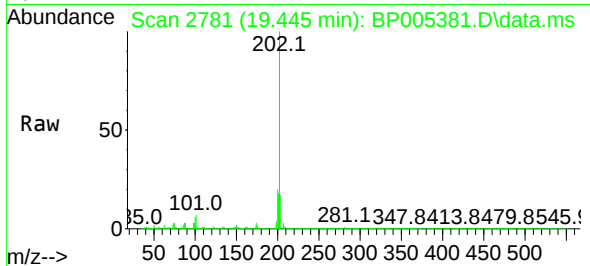




#78
Pyrene
Concen: 6.05 ng
RT: 19.445 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

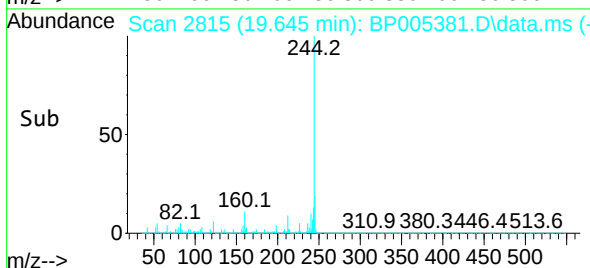
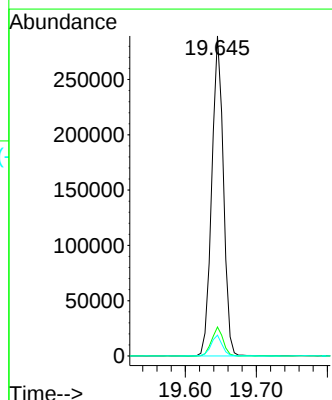
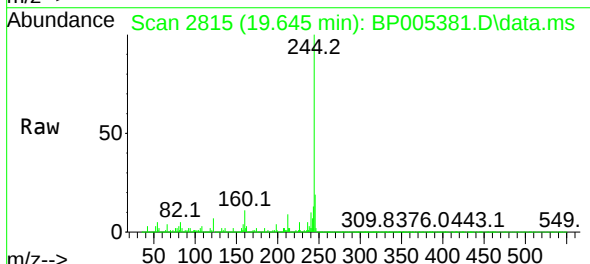
Instrument :
BNA_P
ClientSampled :
361

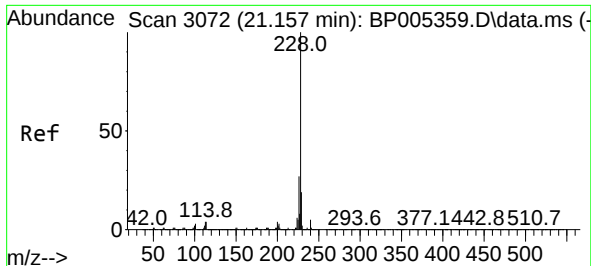
Tgt Ion:202 Resp: 124193
Ion Ratio Lower Upper
202 100
200 19.8 16.9 25.3
203 17.2 13.8 20.6



#79
Terphenyl-d14
Concen: 16.64 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:244 Resp: 328697
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.6#
122 6.5 5.2 7.8

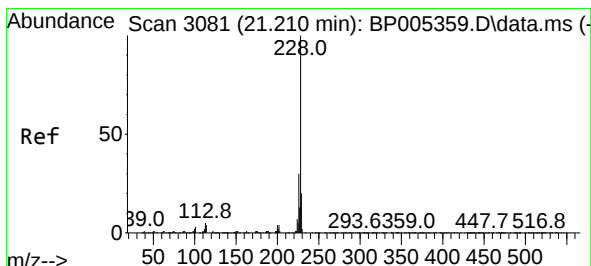
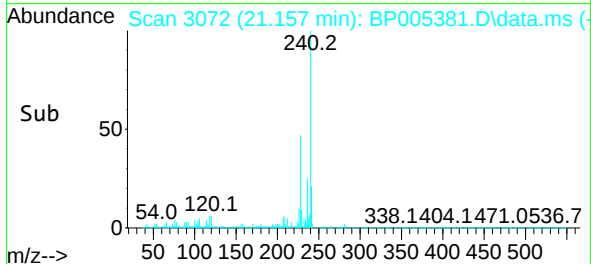
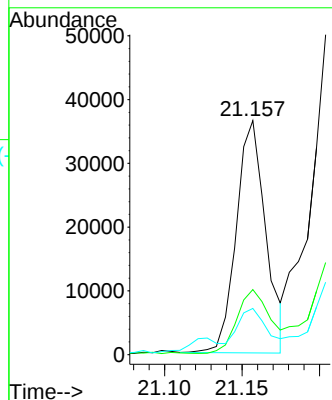
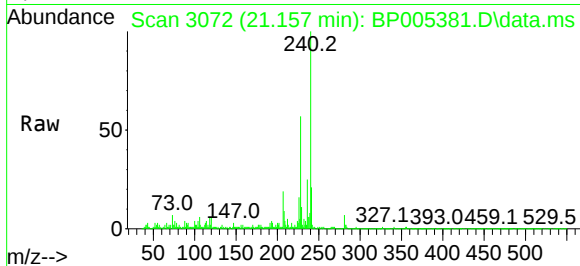




#81
Benzo(a)anthracene
Concen: 2.04 ng
RT: 21.157 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

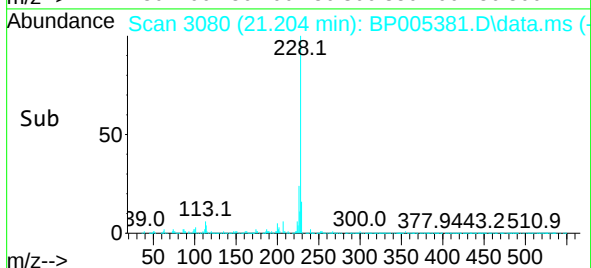
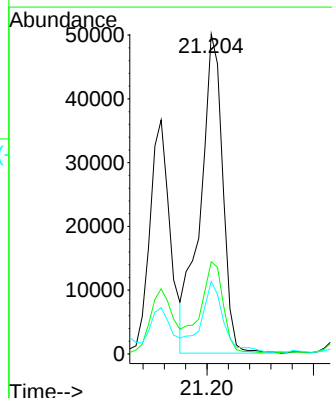
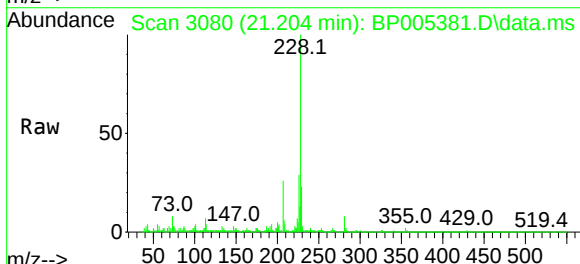
Instrument :
BNA_P
ClientSampleId :
361

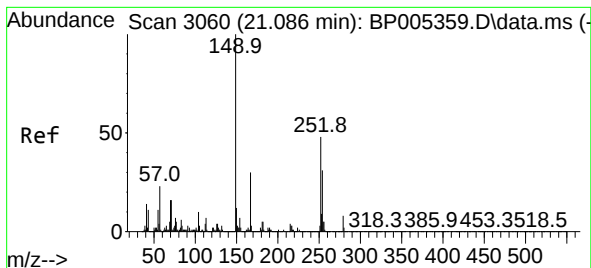
Tgt Ion:228 Resp: 48126
Ion Ratio Lower Upper
228 100
226 27.8 21.2 31.8
229 19.8 15.6 23.4



#83
Chrysene
Concen: 3.13 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:228 Resp: 73348
Ion Ratio Lower Upper
228 100
226 28.8 24.8 37.2
229 22.6 15.4 23.0

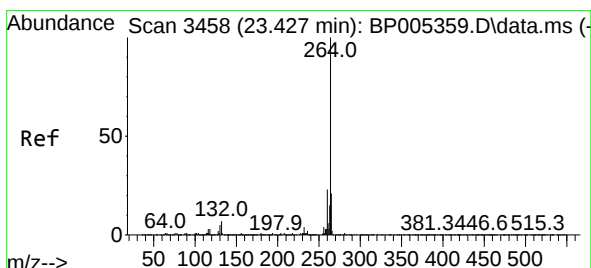
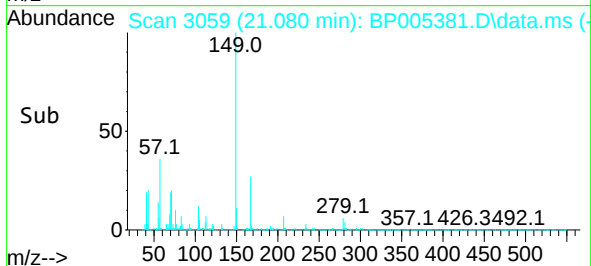
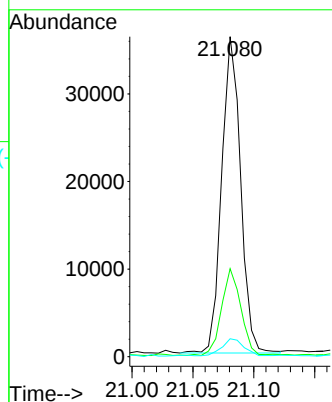
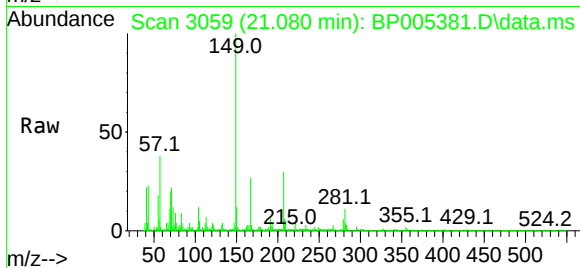




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.44 ng
RT: 21.080 min Scan# 3059
Delta R.T. -0.006 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

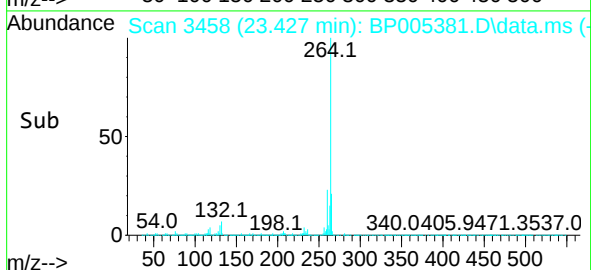
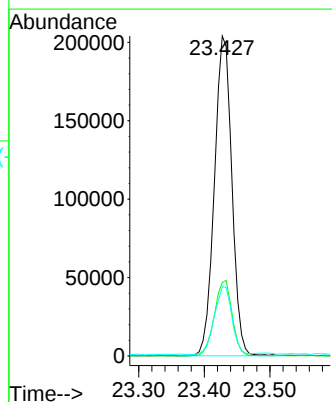
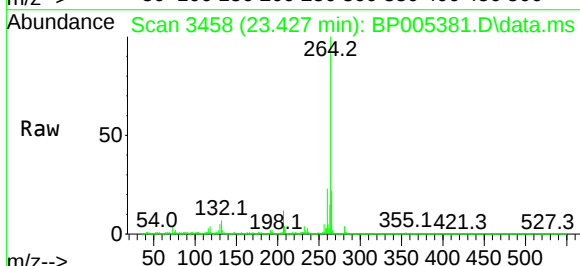
Instrument :
BNA_P
ClientSampled :
361

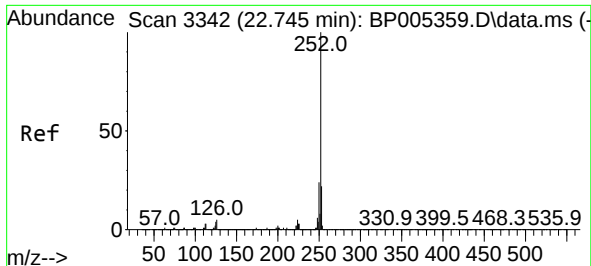
Tgt Ion:149 Resp: 39099
Ion Ratio Lower Upper
149 100
167 27.5 23.8 35.8
279 5.6 5.7 8.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:264 Resp: 376372
Ion Ratio Lower Upper
264 100
260 23.0 20.6 30.8
265 21.6 19.0 28.6

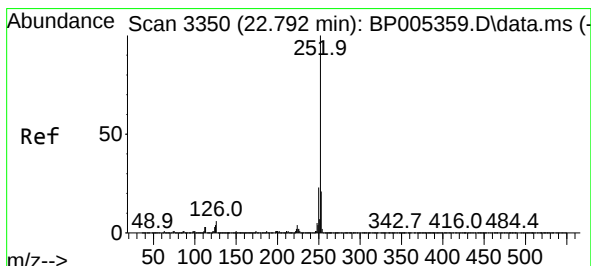
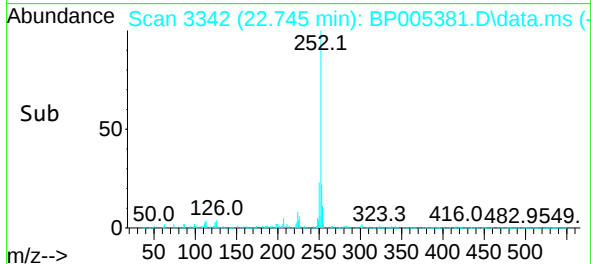
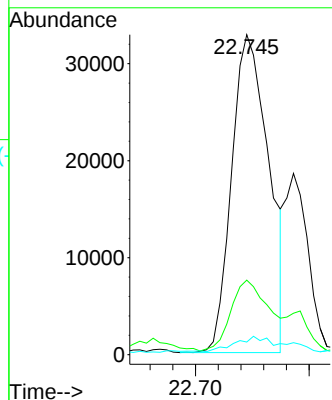
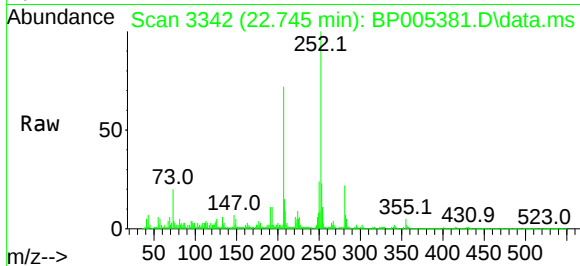




#88
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 22.745 min Scan# 3342
Delta R.T. -0.000 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Instrument :
BNA_P
ClientSampled :
361

Tgt Ion:252 Resp: 74417
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 4.0 3.4 5.0



#89
Benzo(k)fluoranthene
Concen: 3.06 ng
RT: 22.745 min Scan# 3342
Delta R.T. -0.047 min
Lab File: BP005381.D
Acq: 22 Apr 2021 18:14

Tgt Ion:252 Resp: 74417
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 4.0 3.8 5.6

