

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
 Data File : BP004561.D
 Acq On : 14 Jan 2021 17:29
 Operator : CG/JU
 Sample : M1121-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NP-SP

Quant Time: Jan 14 21:51:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 15:19:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

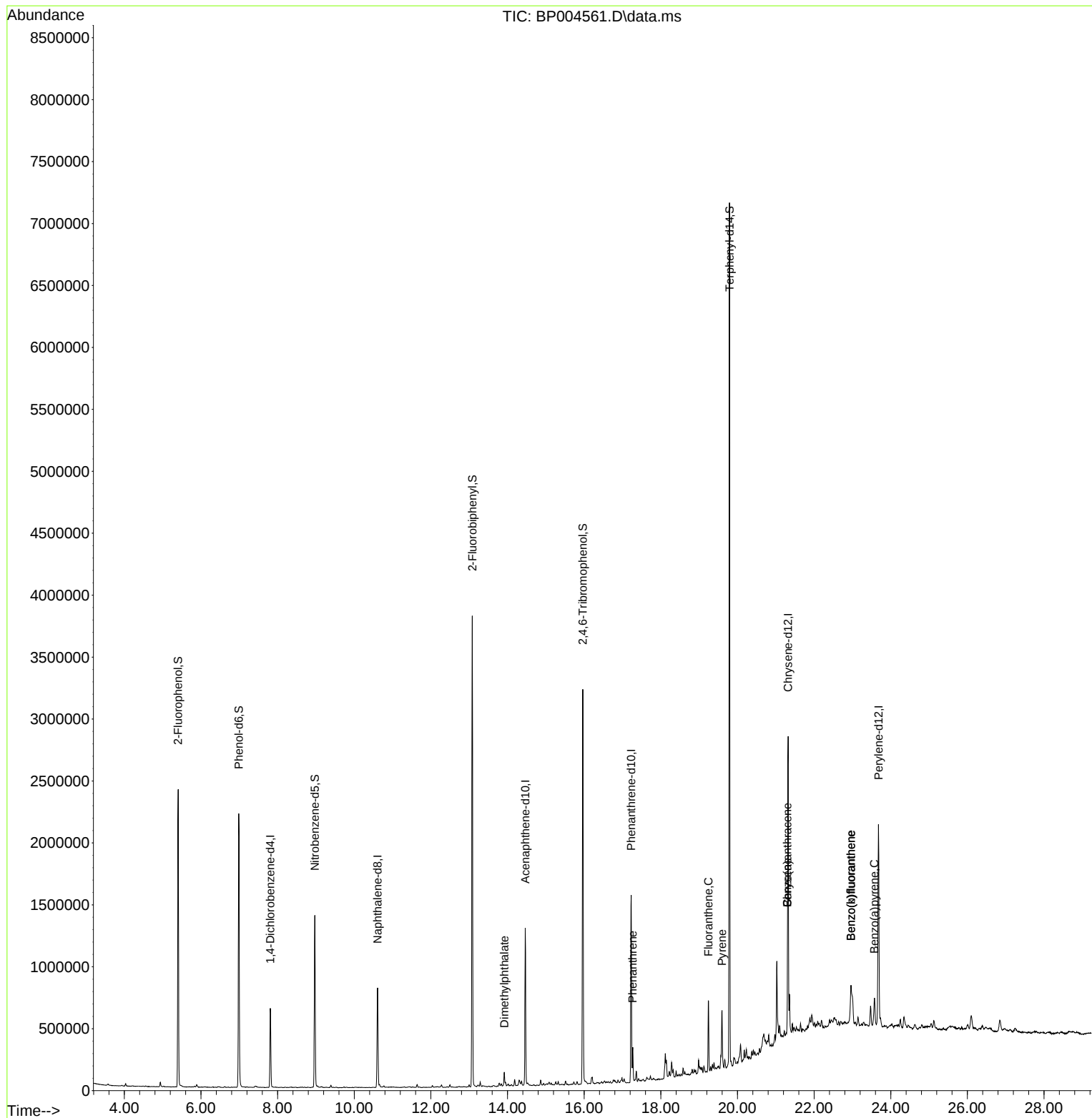
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	196952	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	735713	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	448517	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	975805	20.00	ng	0.00
76) Chrysene-d12	21.322	240	1126587	20.00	ng	0.00
86) Perylene-d12	23.680	264	1240808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1202225	106.39	ng	0.00
7) Phenol-d6	6.987	99	1470972	95.04	ng	0.00
23) Nitrobenzene-d5	8.969	82	849373	65.27	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	728593	93.43	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2145279	62.18	ng	0.00
79) Terphenyl-d14	19.792	244	3057934	49.59	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.987	77	3595	Below Cal	#	6
32) Benzoic acid	9.910	122	97	Below Cal	#	36
41) Hexachlorocyclopentadiene	12.522	237	14	Below Cal		79
50) Dimethylphthalate	13.916	163	79452	2.14	ng	100
54) 2,4-Dinitrophenol	14.598	184	80	Below Cal	#	1
71) Phenanthrene	17.269	178	177171	3.17	ng	99
75) Fluoranthene	19.245	202	343857	5.05	ng	100
78) Pyrene	19.598	202	303869	3.96	ng	99
81) Benzo(a)anthracene	21.304	228	204195	2.66	ng	95
83) Chrysene	21.304	228	204195	2.80	ng	95
88) Benzo(b)fluoranthene	22.963	252	362431	4.51	ng	96
89) Benzo(k)fluoranthene	22.963	252	362431	4.73	ng	96
90) Benzo(a)pyrene	23.574	252	173408	2.31	ng	96

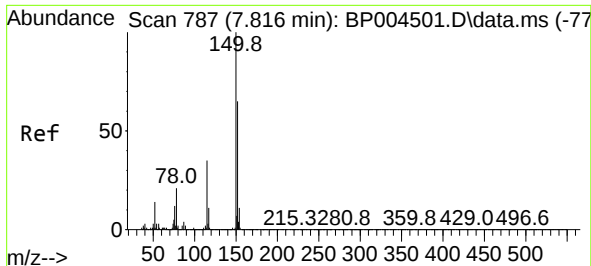
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
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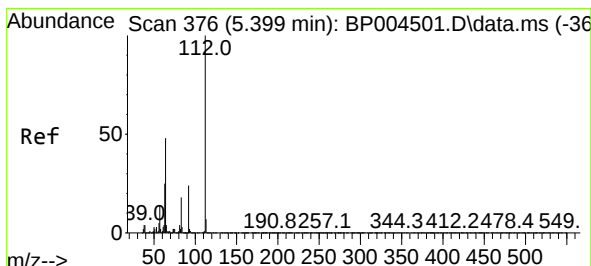
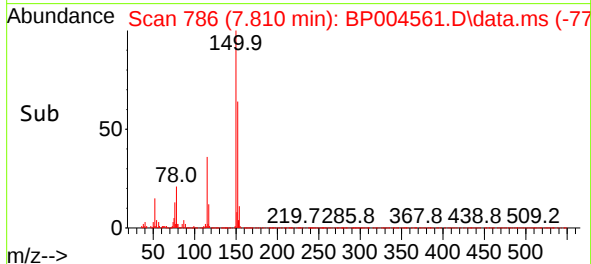
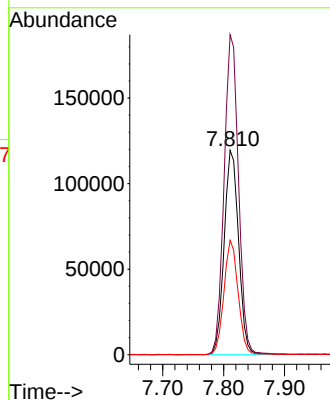
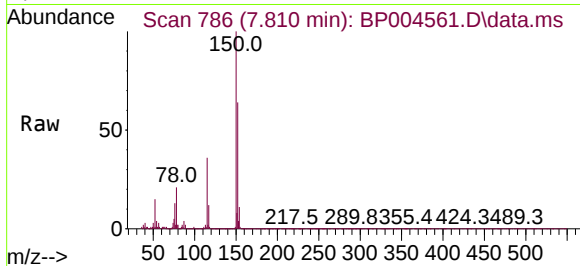




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

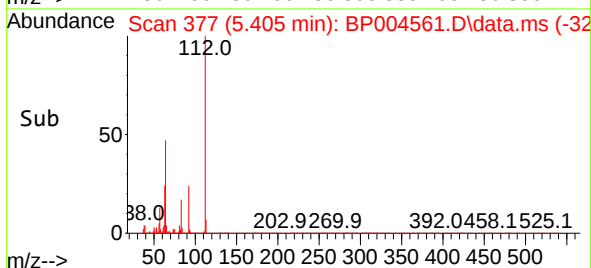
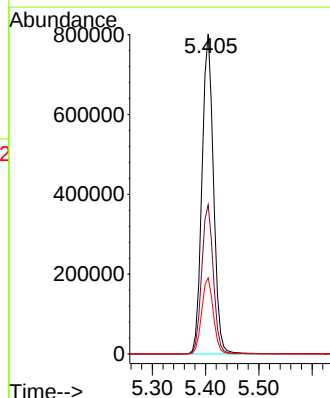
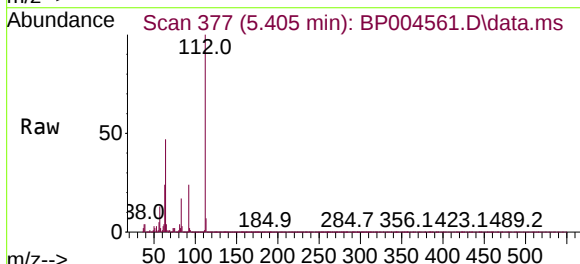
Instrument :
BNA_P
ClientSampleId :
NP-SP

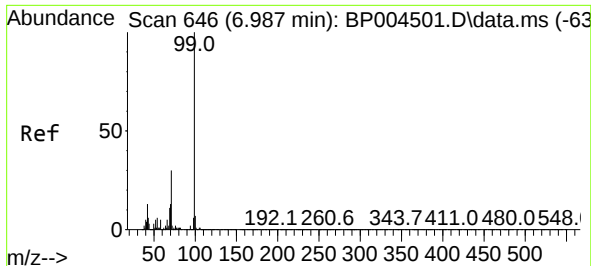
Tgt Ion:152 Resp: 196952
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 55.9 43.8 65.6



#5
2-Fluorophenol
Concen: 106.39 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:112 Resp: 1202225
Ion Ratio Lower Upper
112 100
64 46.6 32.8 49.2
63 23.7 17.0 25.4



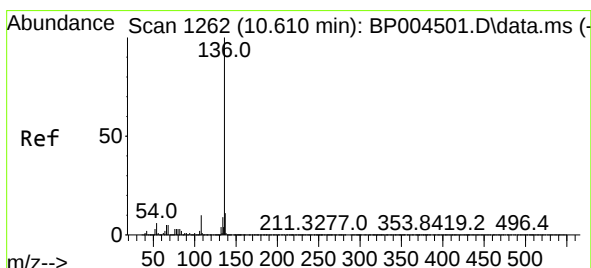
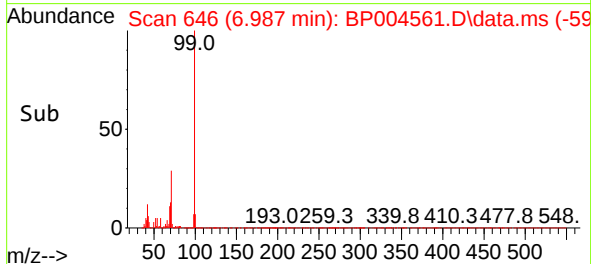
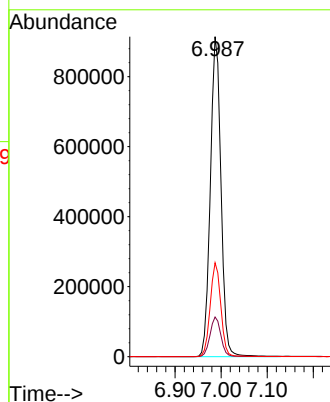
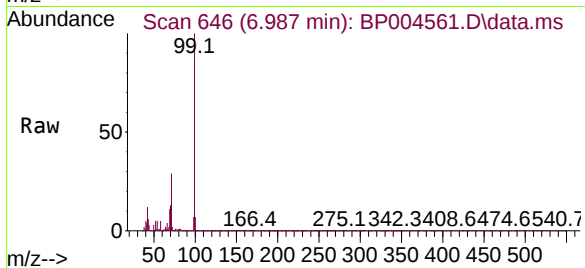


#7
Phenol-d6
Concen: 95.04 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Instrument :
BNA_P
ClientSampleId :
NP-SP

Tgt Ion: 99 Resp: 1470972

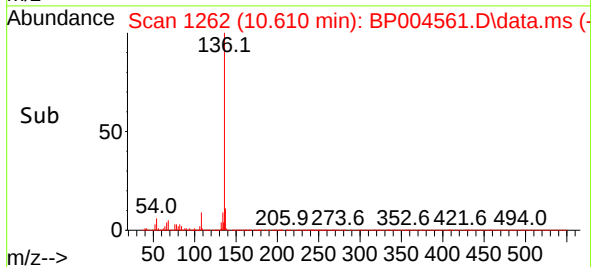
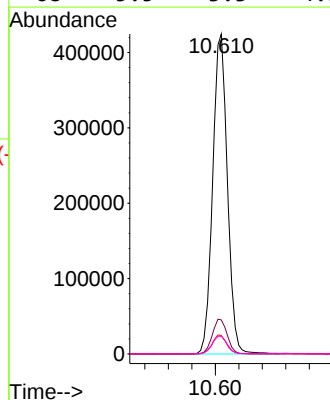
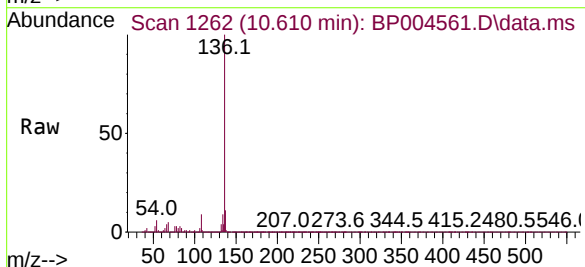
Ion	Ratio	Lower	Upper
99	100		
42	12.4	8.6	13.0
71	29.4	23.4	35.2

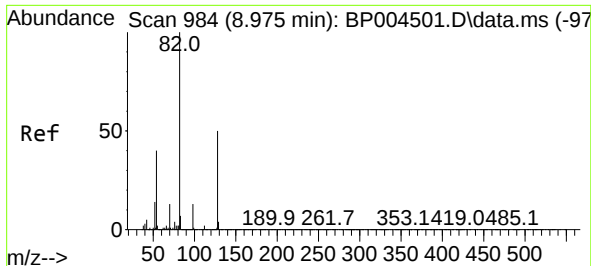


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion: 136 Resp: 735713

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.8	3.6	5.4#
68	5.5	3.3	4.9#

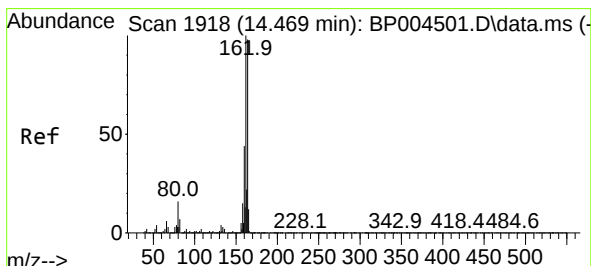
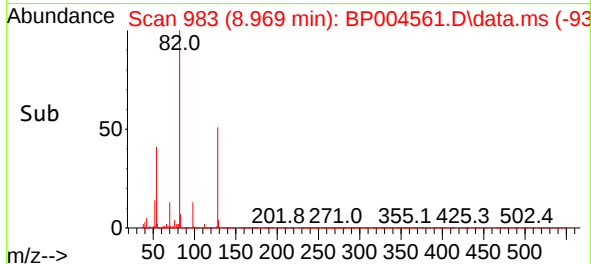
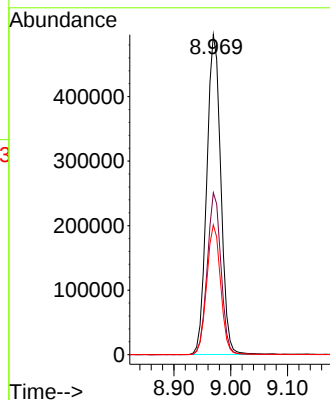
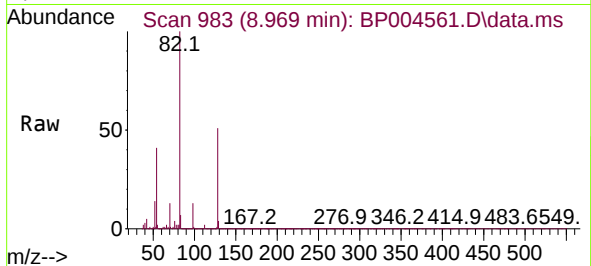




#23
Nitrobenzene-d5
Concen: 65.27 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

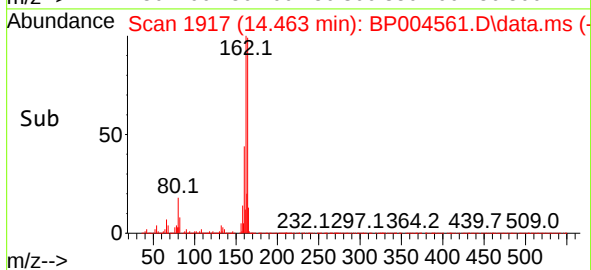
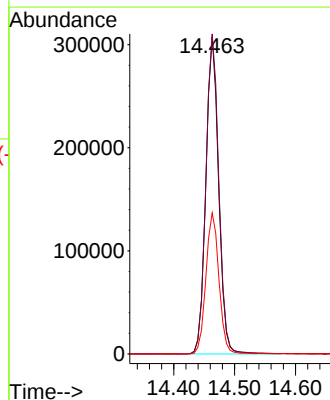
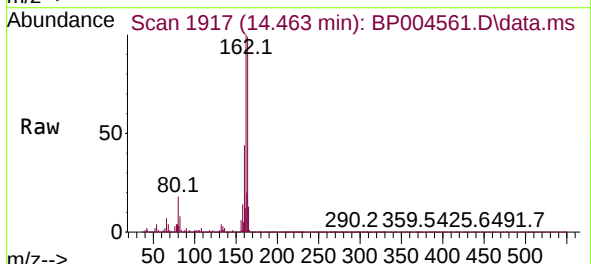
Instrument :
BNA_P
ClientSampleId :
NP-SP

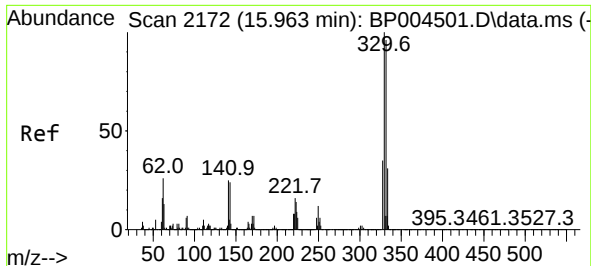
Tgt Ion: 82 Resp: 849373
Ion Ratio Lower Upper
82 100
128 50.6 45.6 68.4
54 40.5 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:164 Resp: 448517
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 44.5 36.1 54.1

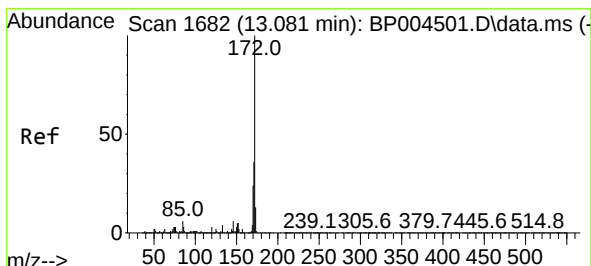
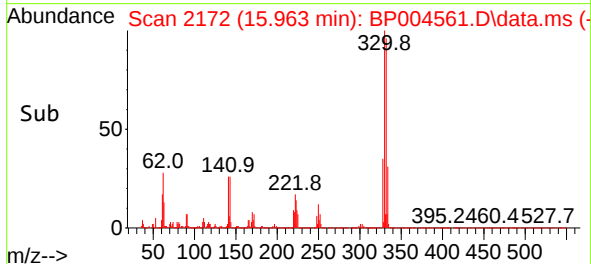
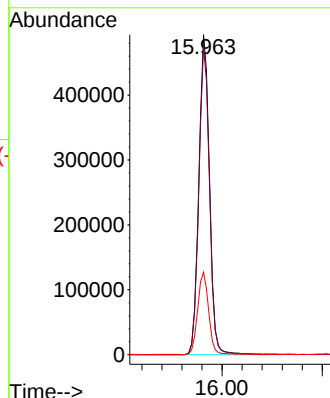
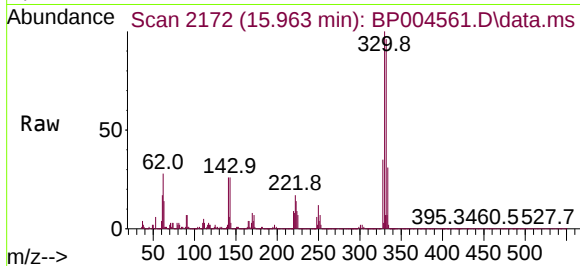




#42
2,4,6-Tribromophenol
Concen: 93.43 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

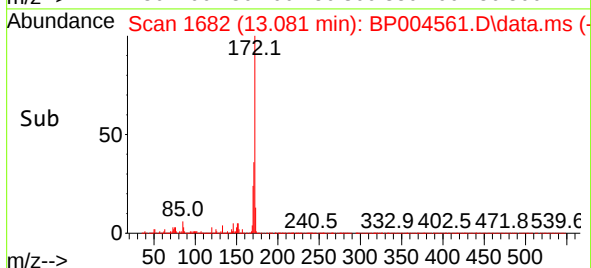
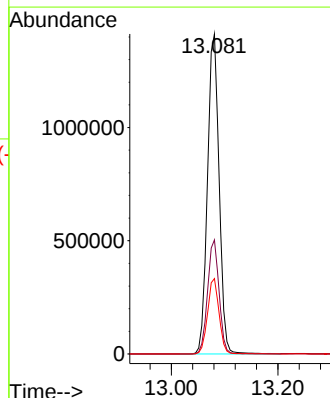
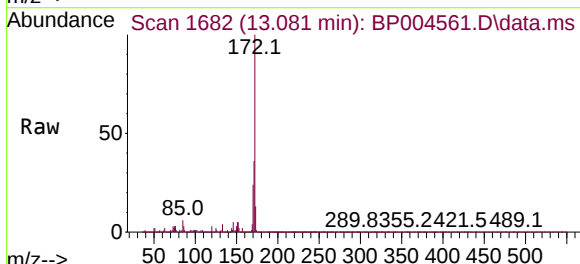
Instrument :
BNA_P
ClientSampleId :
NP-SP

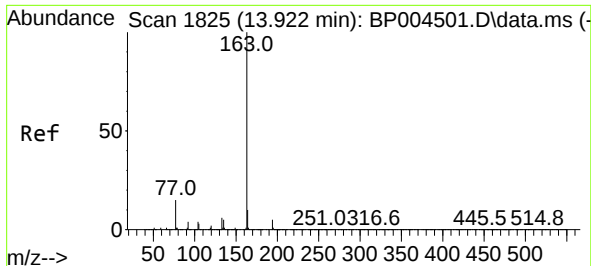
Tgt Ion:330 Resp: 728593
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 26.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 62.18 ng
RT: 13.081 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:172 Resp: 2145279
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 19.2 28.8

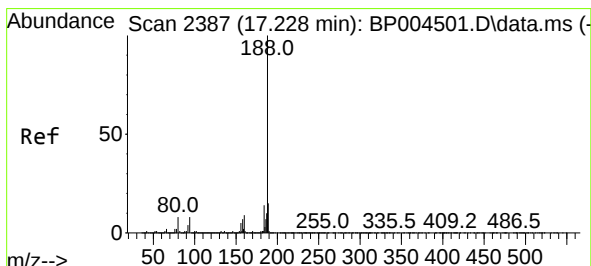
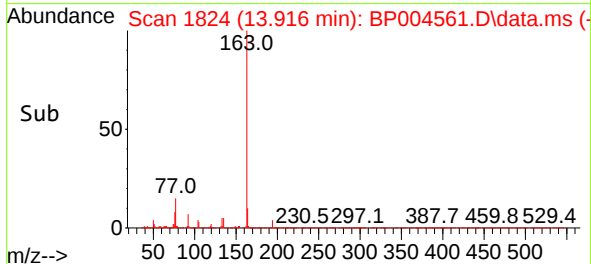
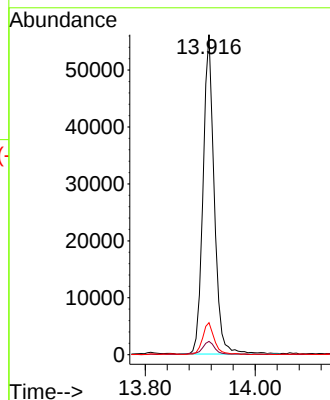
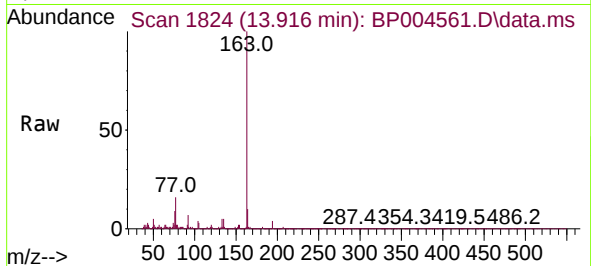




#50
Dimethylphthalate
Concen: 2.14 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

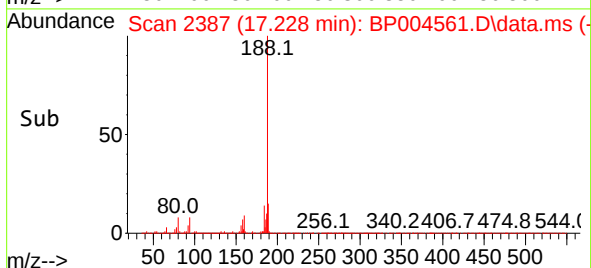
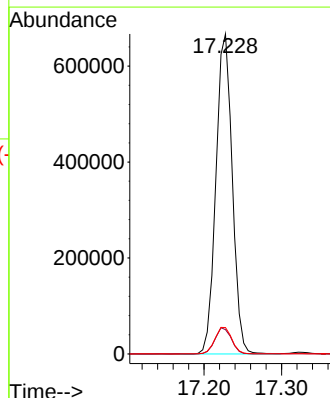
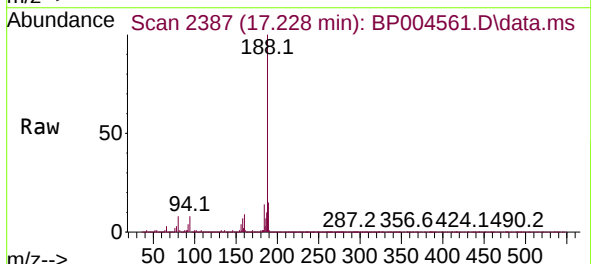
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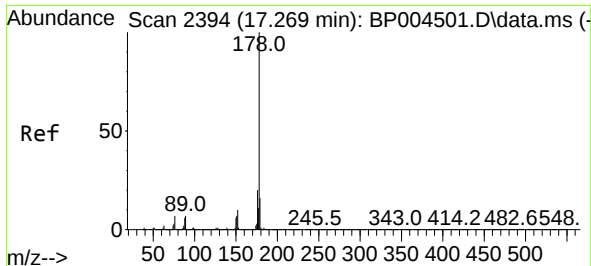
Tgt Ion:163 Resp: 79452
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:188 Resp: 975805
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.2 6.2 9.2

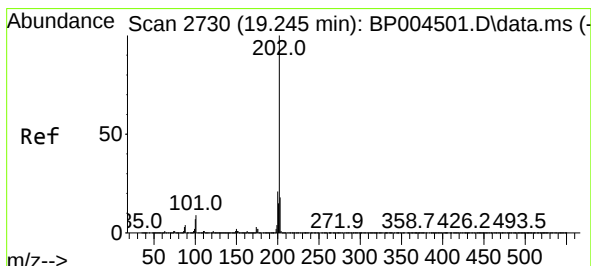
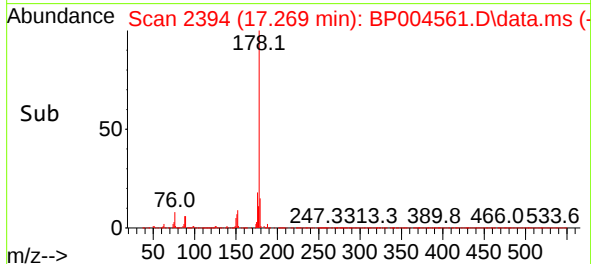
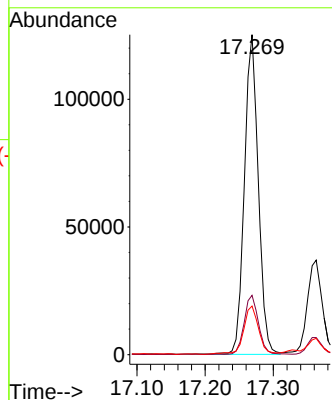
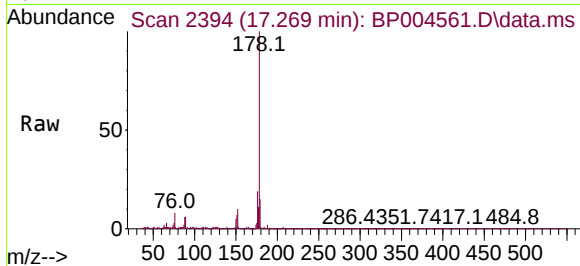




#71
Phenanthrene
Concen: 3.17 ng
RT: 17.269 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

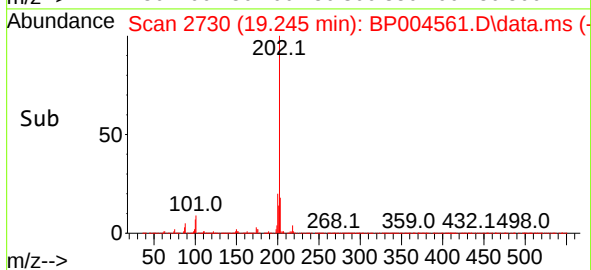
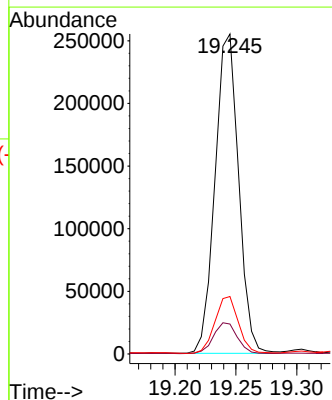
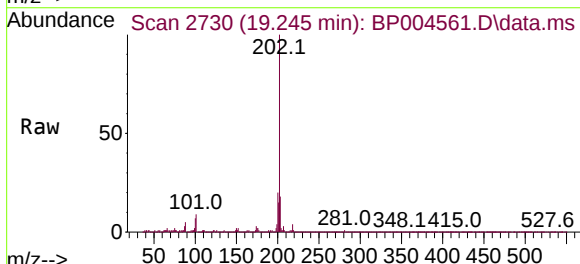
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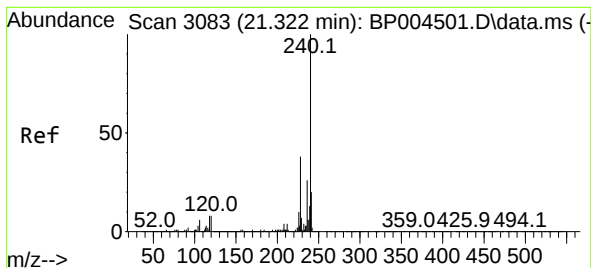
Tgt Ion:178 Resp: 177171
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.2 12.5 18.7



#75
Fluoranthene
Concen: 5.05 ng
RT: 19.245 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:202 Resp: 343857
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 18.0 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.322 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BP004561.D

Acq: 14 Jan 2021 17:29

Instrument :

BNA_P

ClientSampleId :

NP-SP

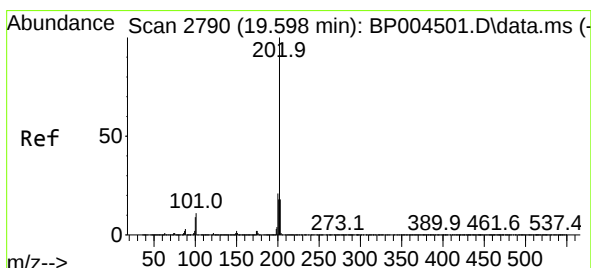
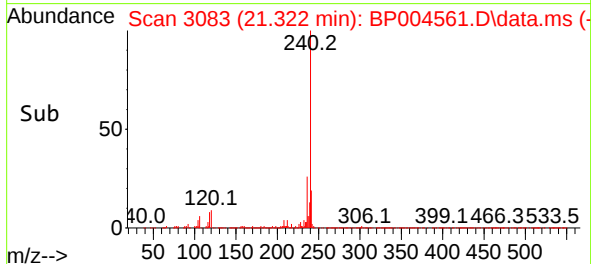
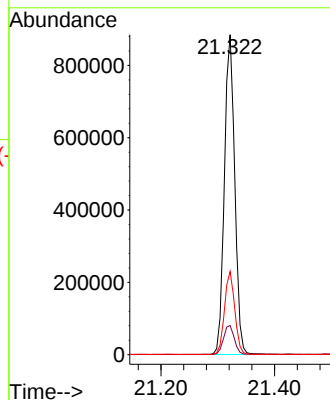
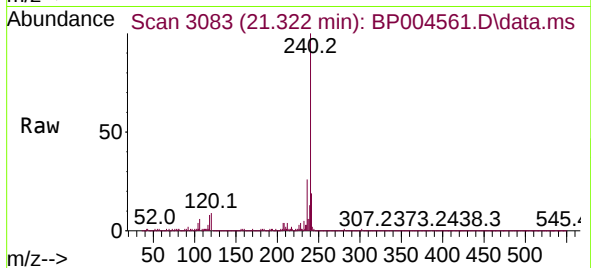
Tgt Ion:240 Resp: 1126587

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 26.0 20.8 31.2



#78

Pyrene

Concen: 3.96 ng

RT: 19.598 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP004561.D

Acq: 14 Jan 2021 17:29

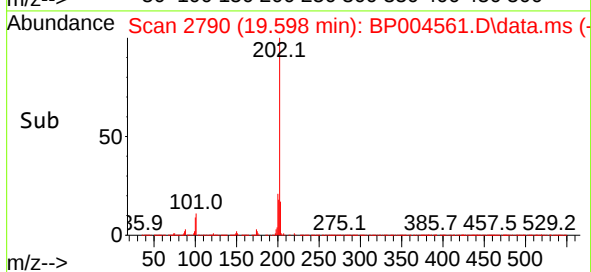
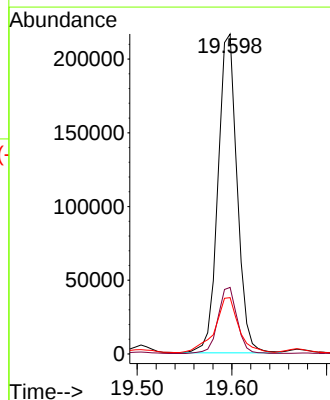
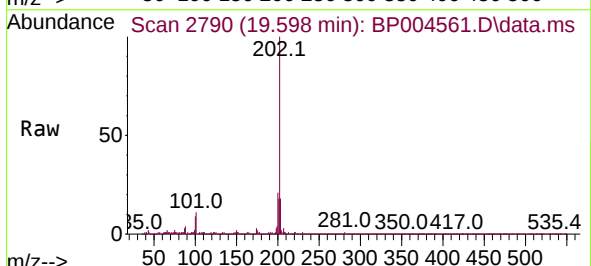
Tgt Ion:202 Resp: 303869

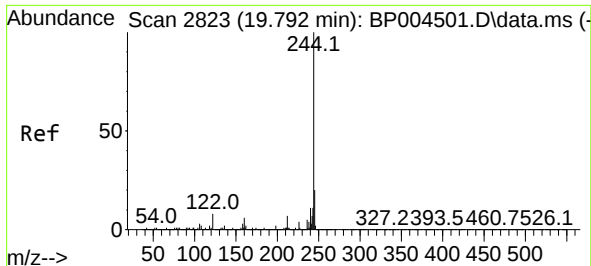
Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 17.6 14.2 21.2

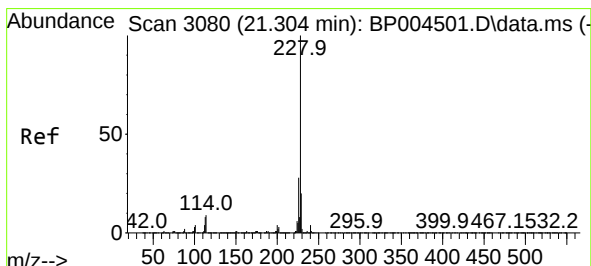
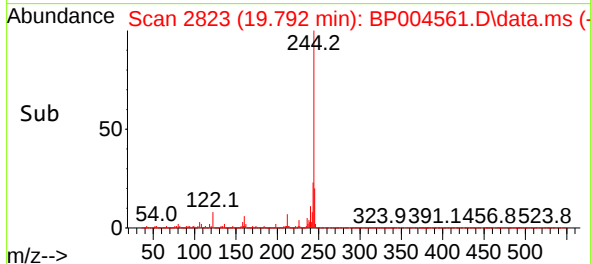
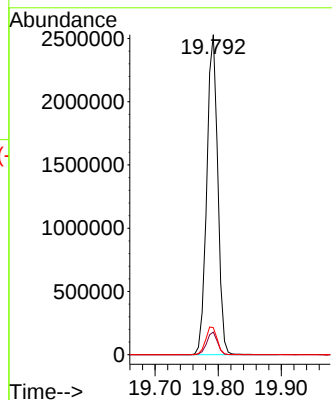
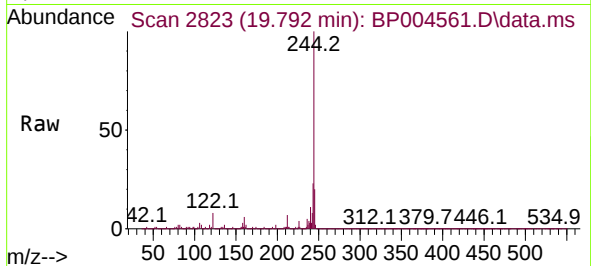




#79
 Terphenyl-d14
 Concen: 49.59 ng
 RT: 19.792 min Scan# 2823
 Delta R.T. -0.000 min
 Lab File: BP004561.D
 Acq: 14 Jan 2021 17:29

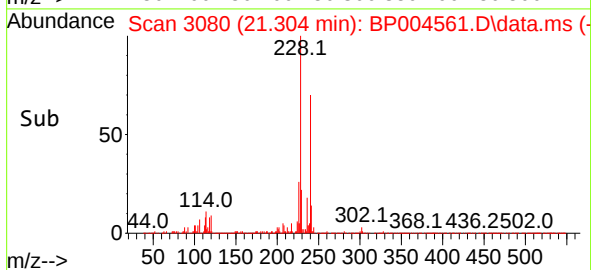
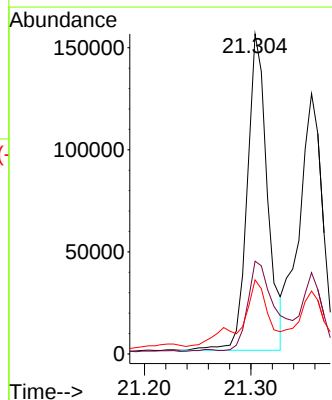
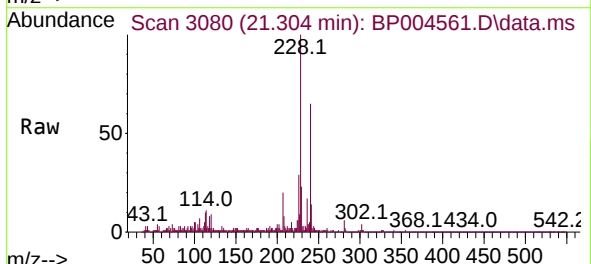
Instrument :
 BNA_P
 ClientSampleId :
 NP-SP

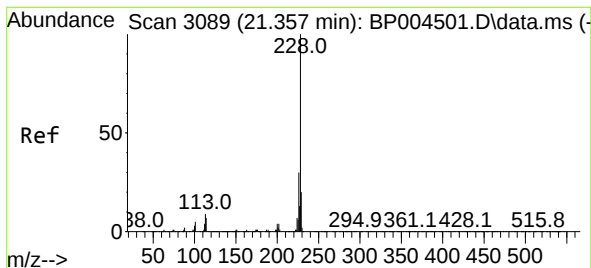
Tgt Ion:244 Resp: 3057934
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.5 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.66 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. -0.000 min
 Lab File: BP004561.D
 Acq: 14 Jan 2021 17:29

Tgt Ion:228 Resp: 204195
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.1 33.1
 229 23.2 15.9 23.9





#83

Chrysene

Concen: 2.80 ng

RT: 21.304 min Scan# 3080

Delta R.T. -0.053 min

Lab File: BP004561.D

Acq: 14 Jan 2021 17:29

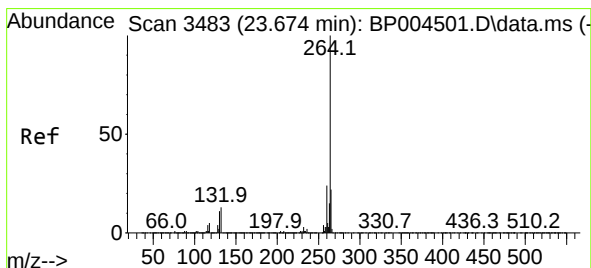
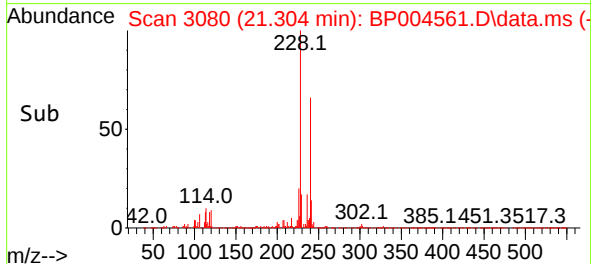
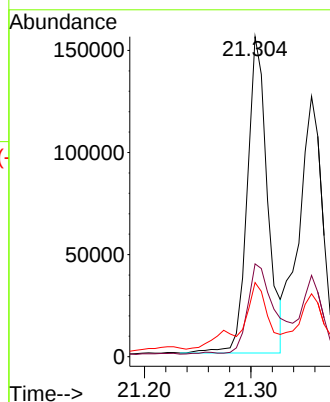
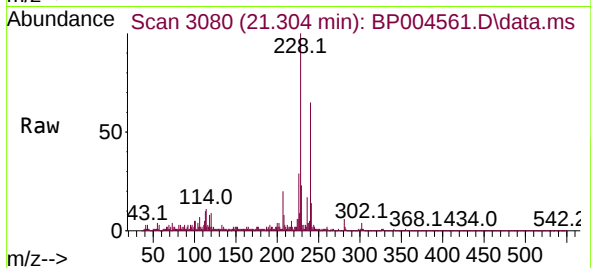
Tgt Ion:228 Resp: 204195

Ion Ratio Lower Upper

228 100

226 29.0 24.4 36.6

229 23.2 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.680 min Scan# 3484

Delta R.T. 0.006 min

Lab File: BP004561.D

Acq: 14 Jan 2021 17:29

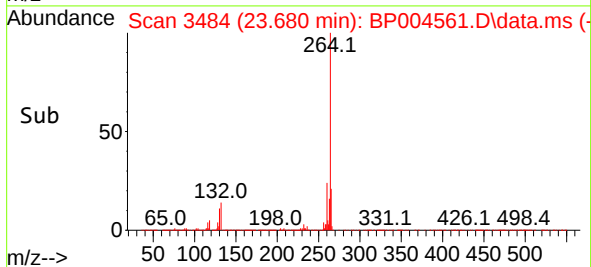
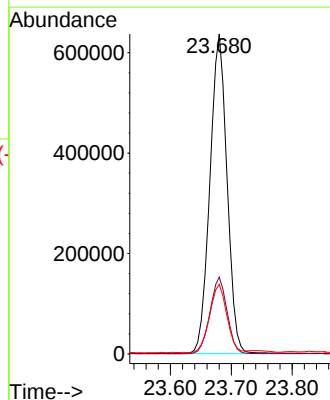
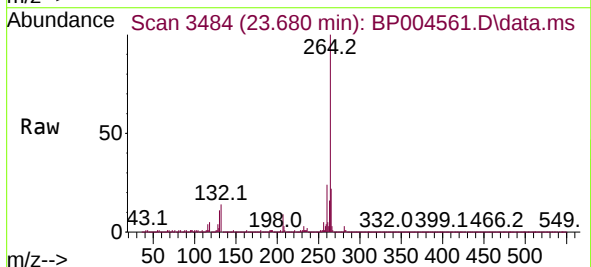
Tgt Ion:264 Resp: 1240808

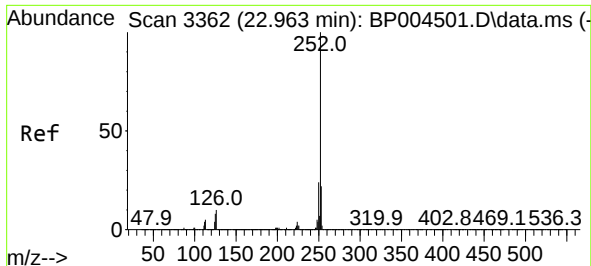
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.4 26.2

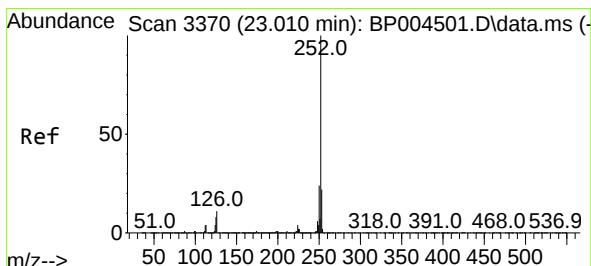
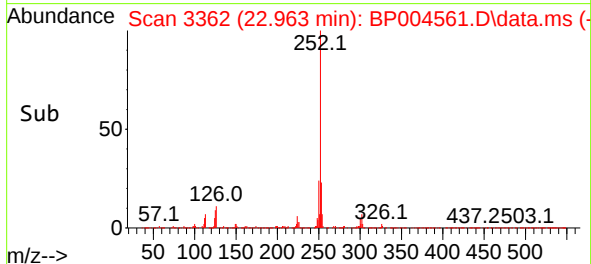
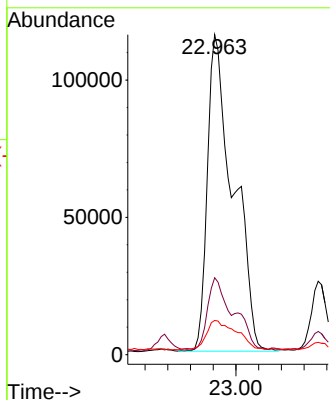
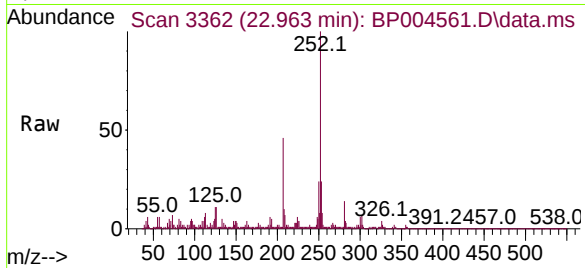




#88
Benzo(b)fluoranthene
Concen: 4.51 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

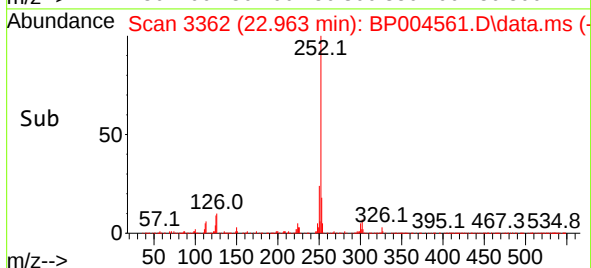
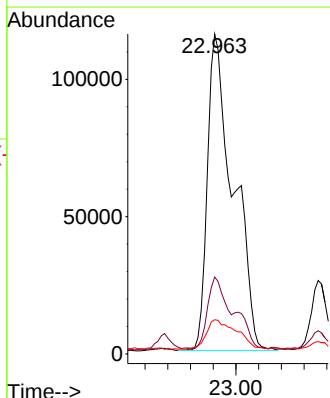
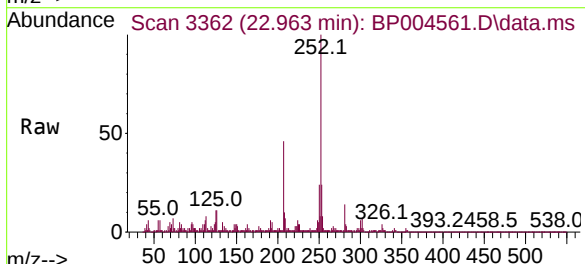
Instrument :
BNA_P
ClientSampleId :
NP-SP

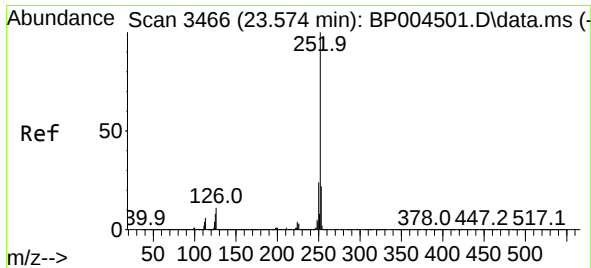
Tgt Ion:252 Resp: 362431
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 10.7 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 4.73 ng
RT: 22.963 min Scan# 3362
Delta R.T. -0.047 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Tgt Ion:252 Resp: 362431
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 10.7 7.4 11.2





#90
Benzo(a)pyrene
Concen: 2.31 ng
RT: 23.574 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP004561.D
Acq: 14 Jan 2021 17:29

Instrument :
BNA_P
ClientSampleId :
NP-SP

Tgt Ion:252 Resp: 173408
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 11.1 8.2 12.4

