

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004831.D
 Acq On : 19 Feb 2021 20:22
 Operator : CG/JU
 Sample : M1441-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-234-B

Quant Time: Feb 19 23:53:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

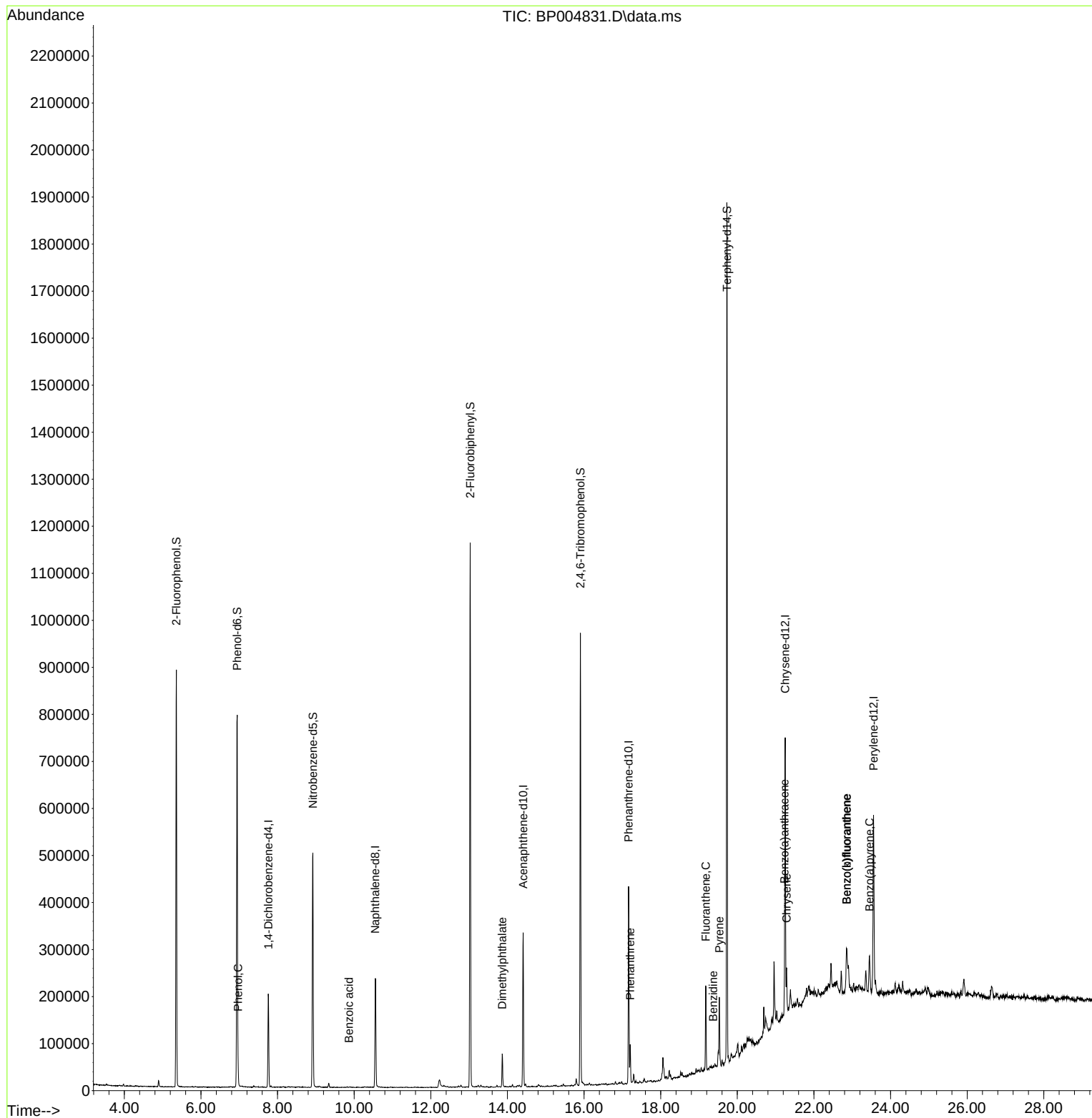
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	50513	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	188077	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	107297	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	234224	20.00	ng	0.00
76) Chrysene-d12	21.251	240	257737	20.00	ng	0.00
86) Perylene-d12	23.557	264	268716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	353200	107.96	ng	0.00
7) Phenol-d6	6.946	99	440211	97.85	ng	0.00
23) Nitrobenzene-d5	8.922	82	280093	64.89	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	159043	111.57	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	559819	63.77	ng	0.00
79) Terphenyl-d14	19.728	244	776254	50.59	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.969	94	19569	4.49	ng	75
32) Benzoic acid	9.863	122	33	6.86	ng	# 1
50) Dimethylphthalate	13.863	163	42669	4.52	ng	# 98
71) Phenanthrene	17.204	178	45363	3.16	ng	97
75) Fluoranthene	19.175	202	105366	6.17	ng	98
77) Benzidine	19.369	184	173	2.17	ng	# 1
78) Pyrene	19.533	202	89504	4.92	ng	99
81) Benzo(a)anthracene	21.233	228	55803	3.05	ng	97
83) Chrysene	21.286	228	53108	3.00	ng	96
88) Benzo(b)fluoranthene	22.857	252	73451	3.73	ng	98
89) Benzo(k)fluoranthene	22.857	252	73451	3.89	ng	99
90) Benzo(a)pyrene	23.451	252	51010	2.87	ng	95

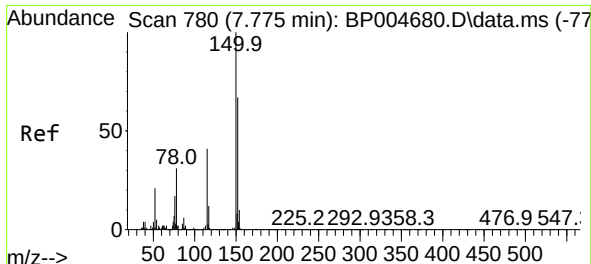
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
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BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

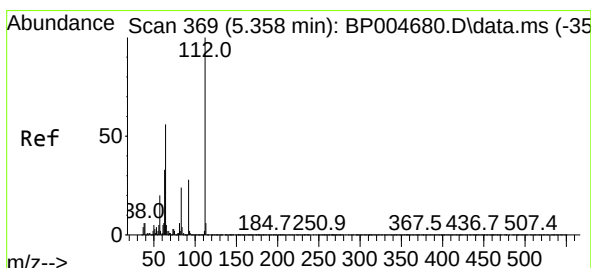
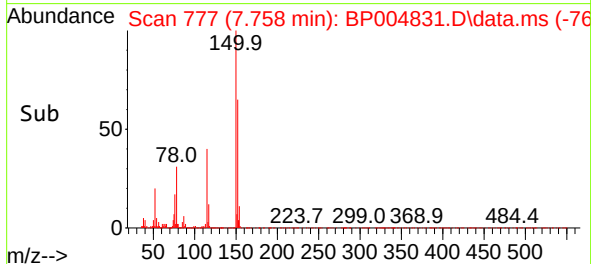
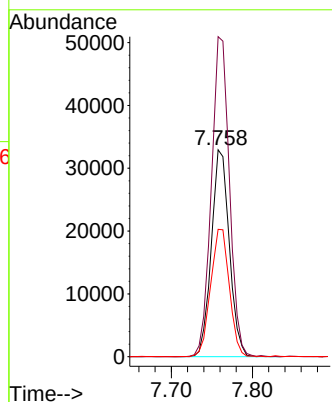
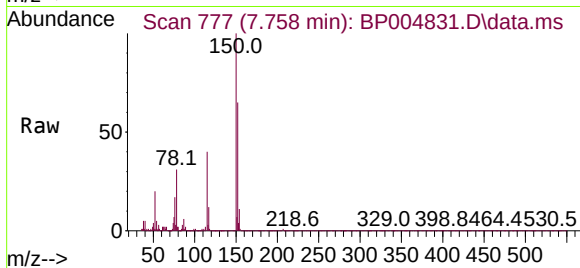




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

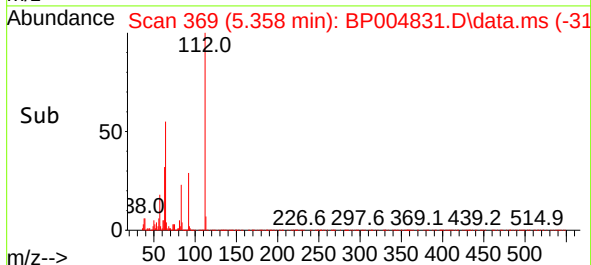
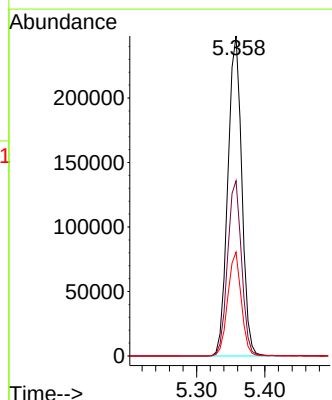
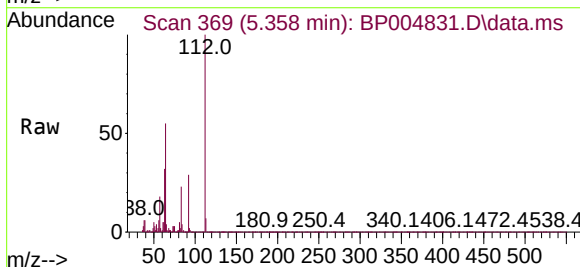
Instrument :
BNA_P
ClientSampleId :
SP-234-B

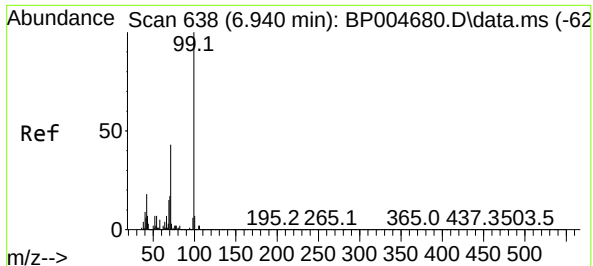
Tgt Ion:152 Resp: 50513
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 61.6 43.8 65.6



#5
2-Fluorophenol
Concen: 107.96 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:112 Resp: 353200
Ion Ratio Lower Upper
112 100
64 54.8 32.8 49.2#
63 32.5 17.0 25.4#

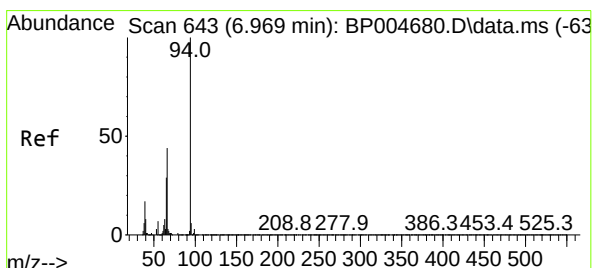
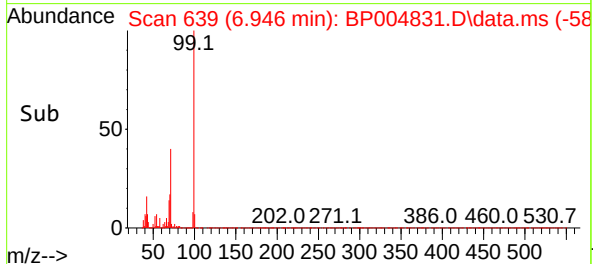
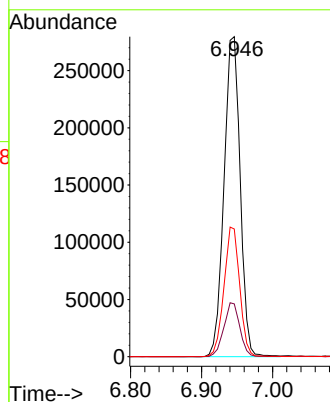
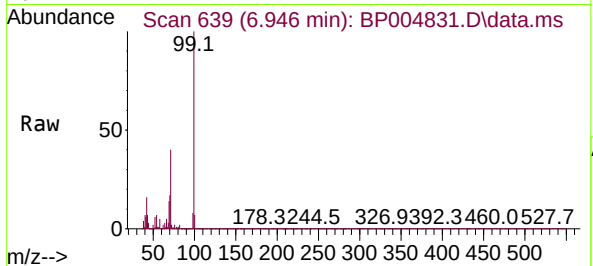




#7
Phenol-d6
Concen: 97.85 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

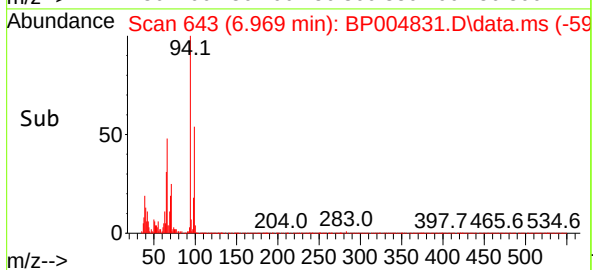
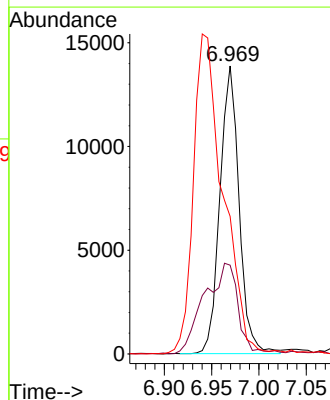
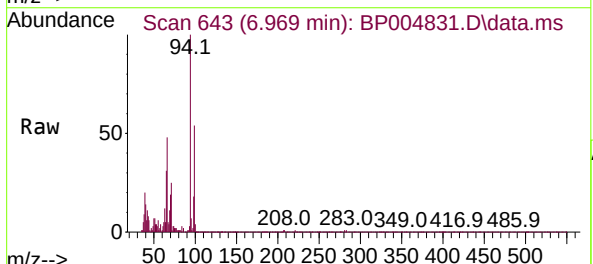
Instrument :
BNA_P
ClientSampleId :
SP-234-B

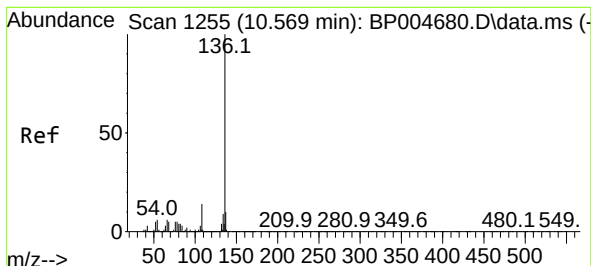
Tgt Ion: 99 Resp: 440211
Ion Ratio Lower Upper
99 100
42 16.5 8.6 13.0#
71 39.9 23.4 35.2#



#10
Phenol
Concen: 4.49 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion: 94 Resp: 19569
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 47.8 10.9 50.9

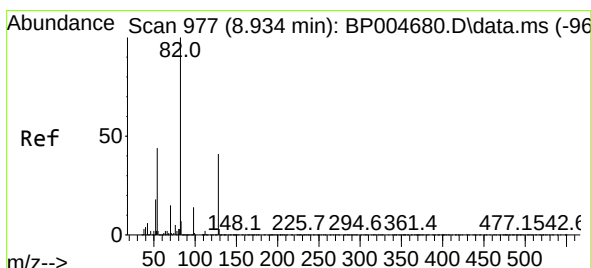
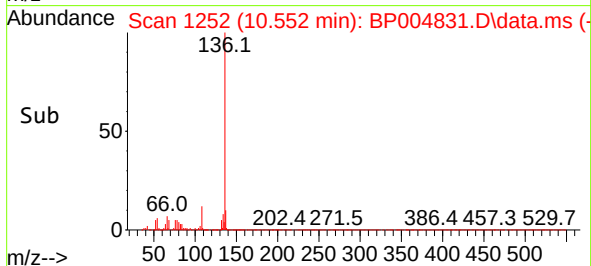
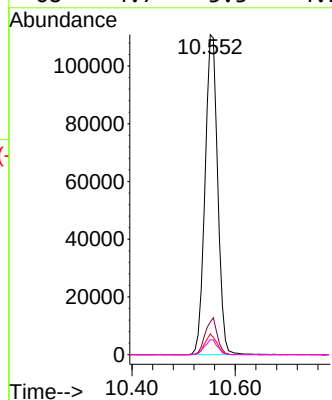
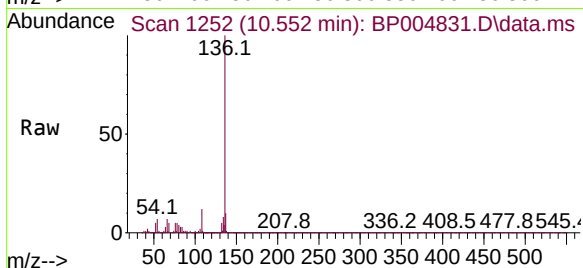




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

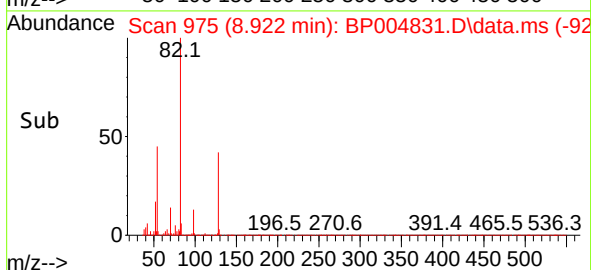
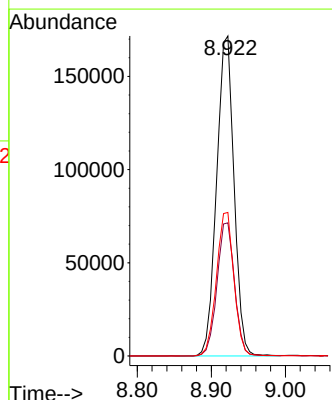
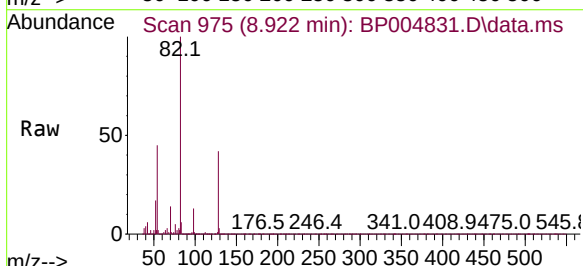
Instrument :
BNA_P
ClientSampleId :
SP-234-B

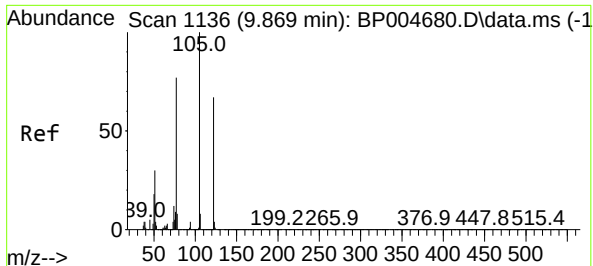
Tgt Ion:	136	Resp:	188077
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	6.5	3.6	5.4#
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 64.89 ng
RT: 8.922 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:	82	Resp:	280093
Ion	Ratio	Lower	Upper
82	100		
128	41.6	45.6	68.4#
54	44.9	30.1	45.1

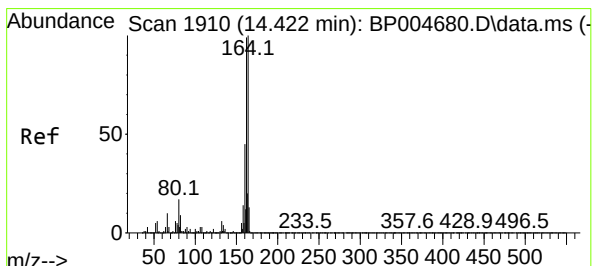
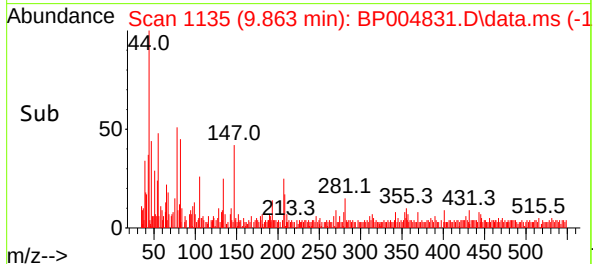
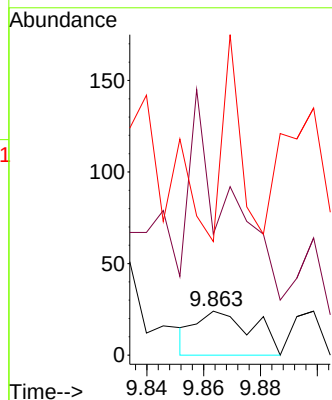
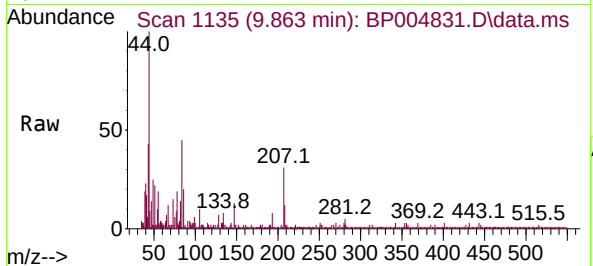




#32
Benzoic acid
Concen: 6.86 ng
RT: 9.863 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

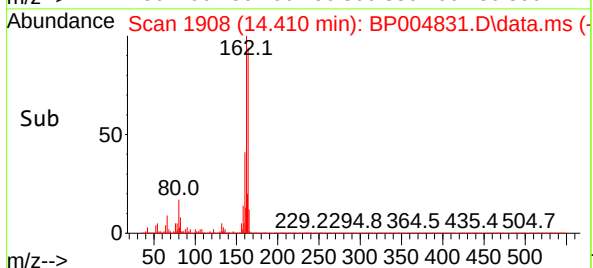
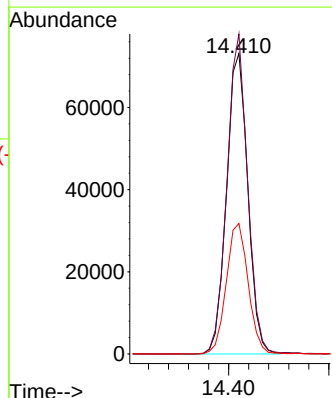
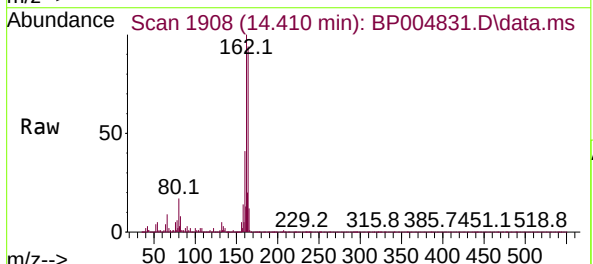
Instrument :
BNA_P
ClientSampleId :
SP-234-B

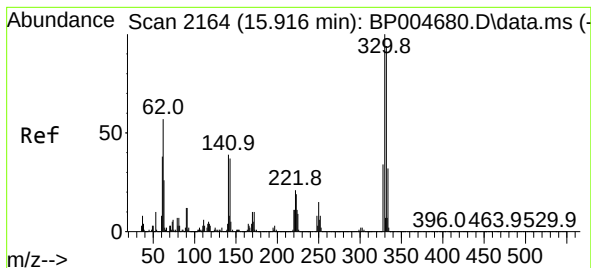
Tgt Ion:122 Resp: 33
Ion Ratio Lower Upper
122 100
105 275.0 94.1 134.1#
77 258.3 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:164 Resp: 107297
Ion Ratio Lower Upper
164 100
162 106.5 79.4 119.2
160 43.4 36.1 54.1

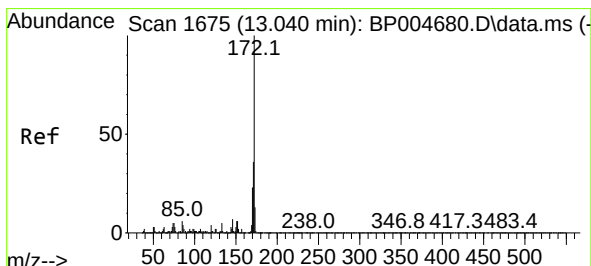
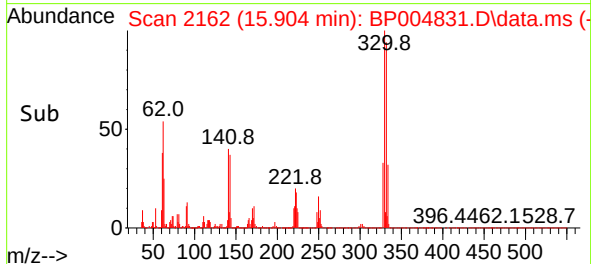
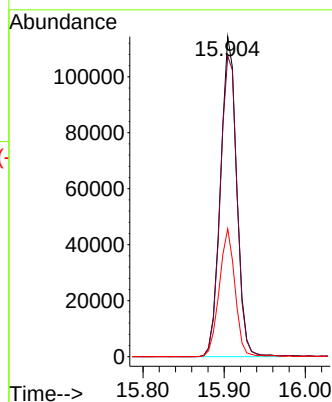
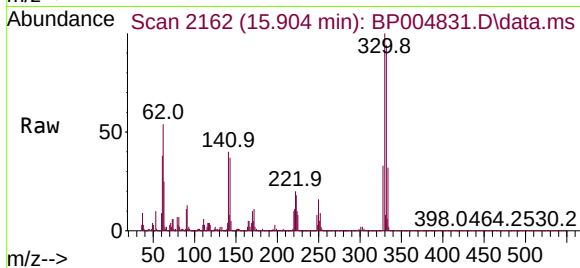




#42
2,4,6-Tribromophenol
Concen: 111.57 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

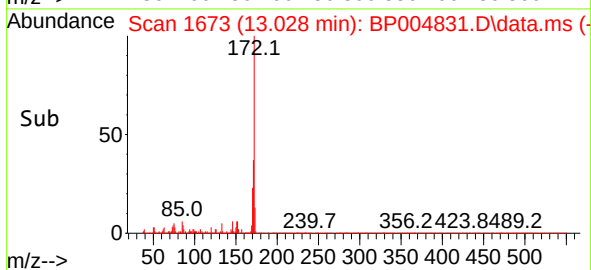
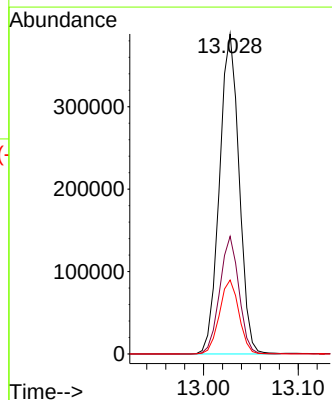
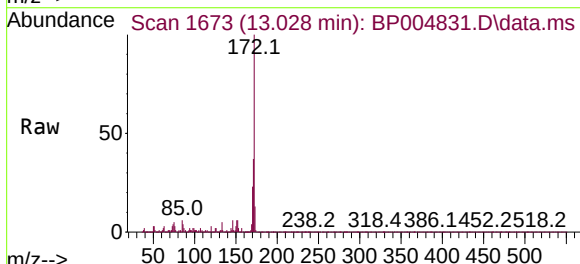
Instrument :
BNA_P
ClientSampleId :
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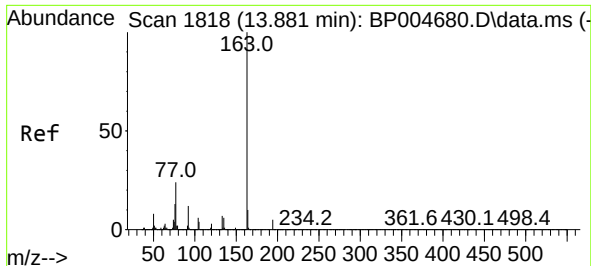
Tgt Ion:330 Resp: 159043
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 39.0 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 63.77 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:172 Resp: 559819
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.1 19.2 28.8

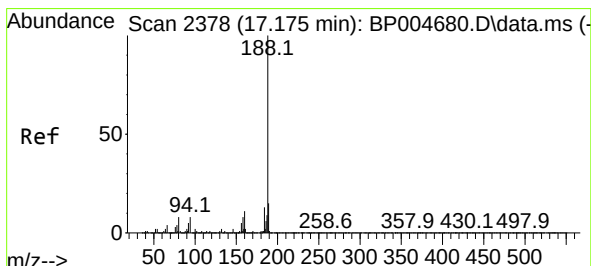
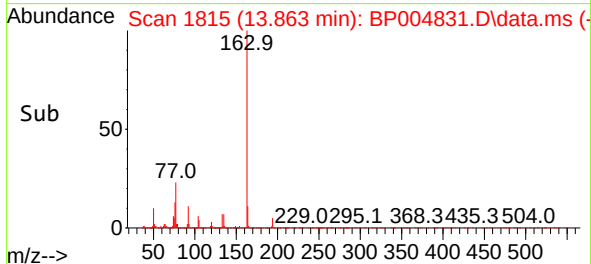
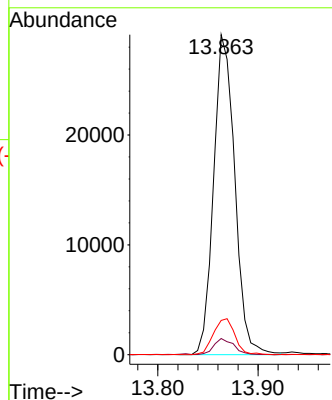
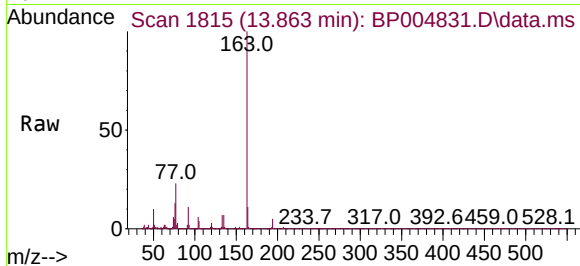




#50
Dimethylphthalate
Concen: 4.52 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

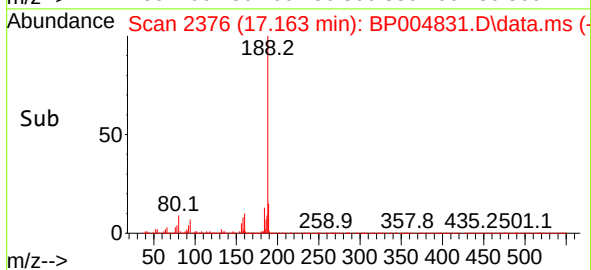
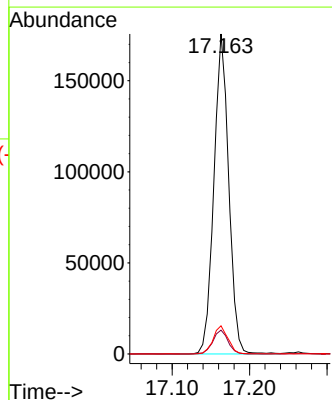
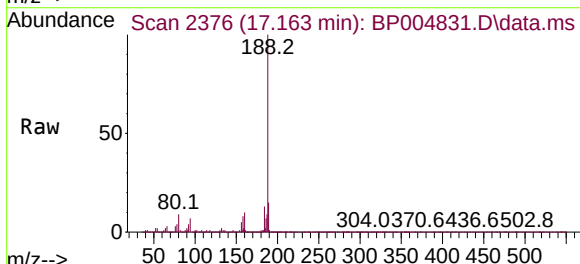
Instrument :
BNA_P
ClientSampled :
SP-234-B

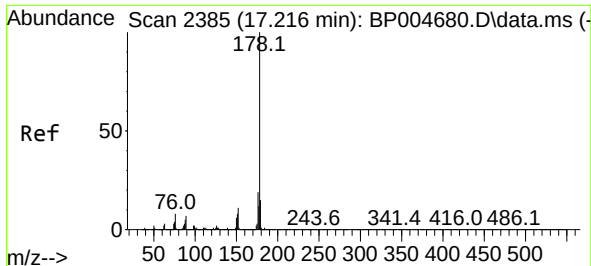
Tgt Ion:163 Resp: 42669
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9#
164 10.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:188 Resp: 234224
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 8.8 6.2 9.2

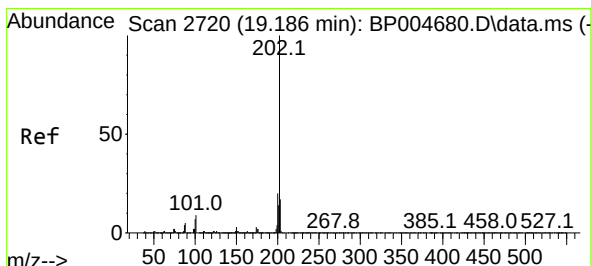
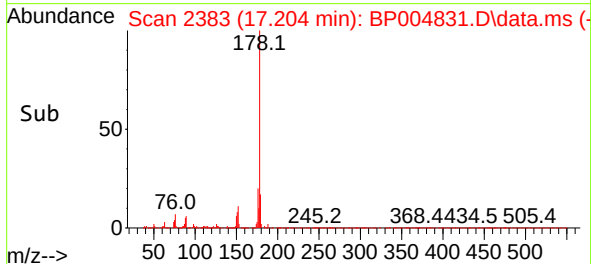
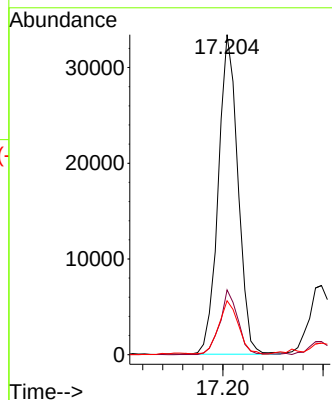
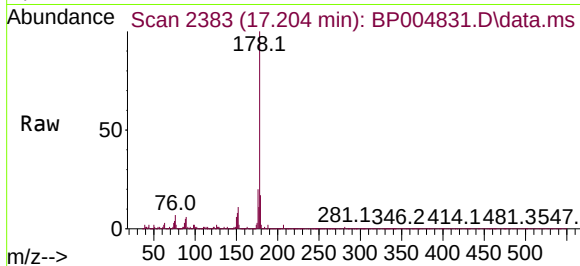




#71
Phenanthrene
Concen: 3.16 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

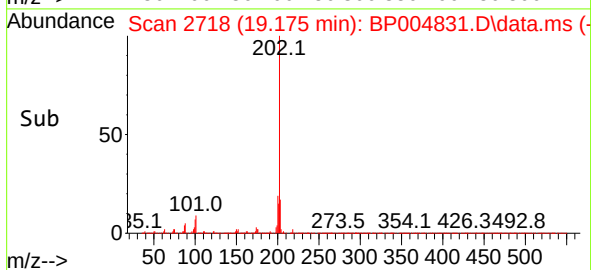
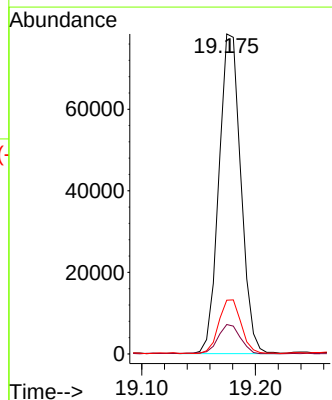
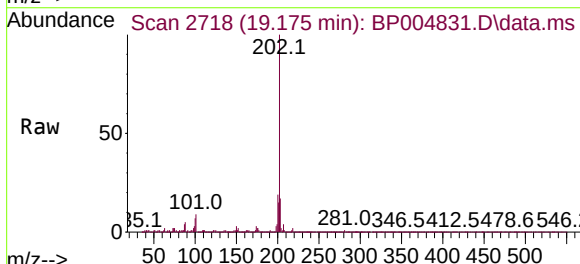
Instrument :
BNA_P
ClientSampleId :
SP-234-B

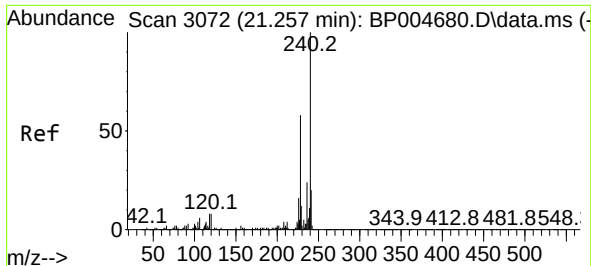
Tgt Ion:178	Resp:	45363
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.3 22.9
179	16.8	12.5 18.7



#75
Fluoranthene
Concen: 6.17 ng
RT: 19.175 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:202	Resp:	105366
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 29.4
203	16.8	0.0 37.8

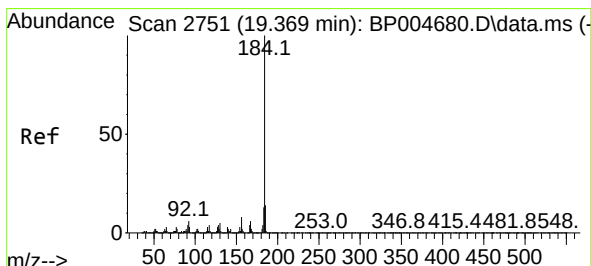
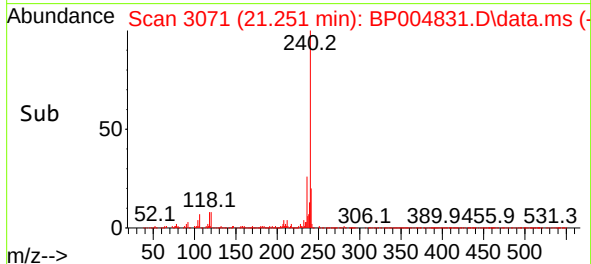
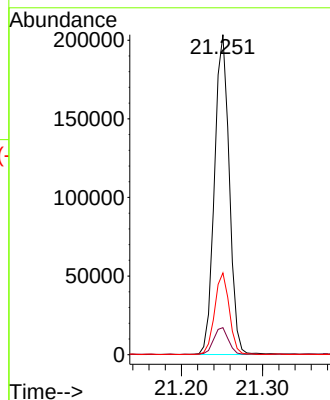
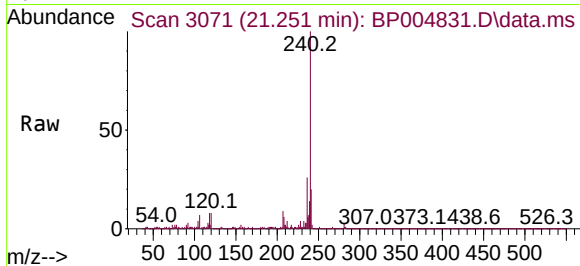




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

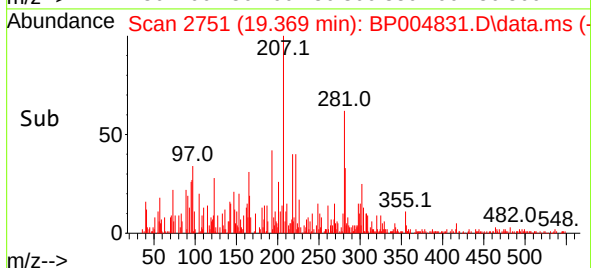
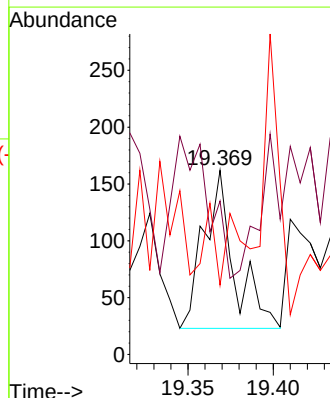
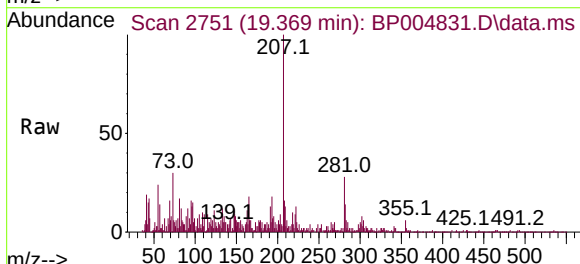
Instrument :
BNA_P
ClientSampleId :
SP-234-B

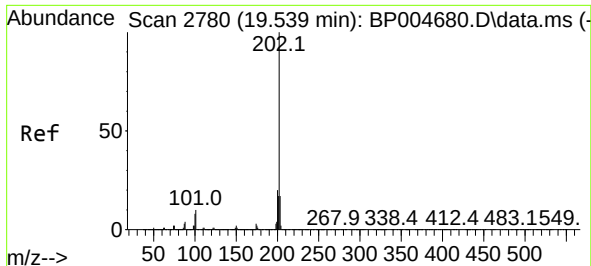
Tgt Ion:240 Resp: 257737
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.17 ng
RT: 19.369 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:184 Resp: 173
Ion Ratio Lower Upper
184 100
185 83.3 11.5 17.3#
183 37.7 9.6 14.4#

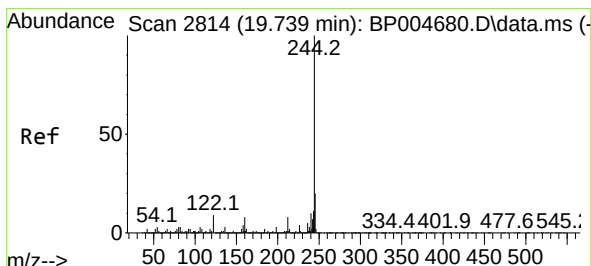
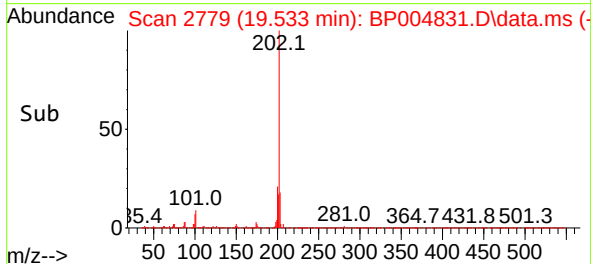
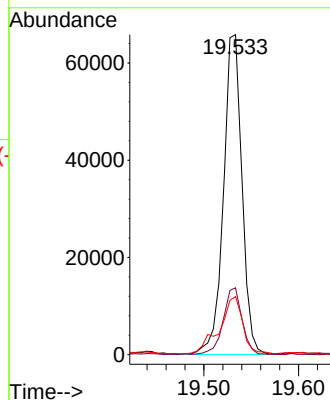
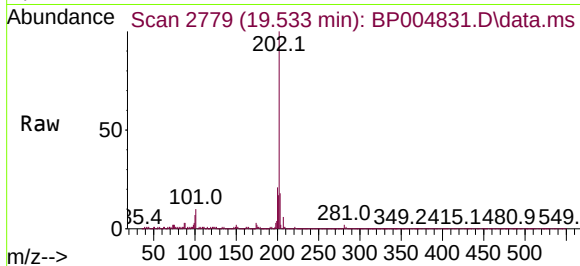




#78
 Pyrene
 Concen: 4.92 ng
 RT: 19.533 min Scan# 2779
 Delta R.T. 0.000 min
 Lab File: BP004831.D
 Acq: 19 Feb 2021 20:22

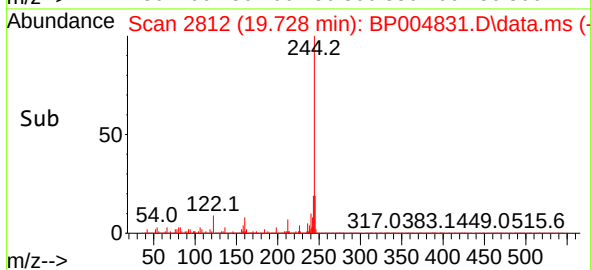
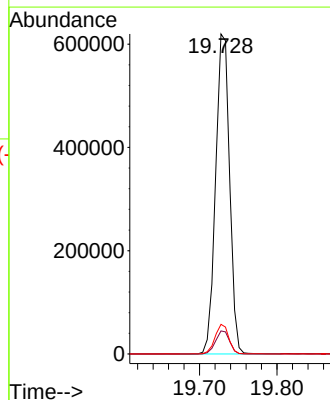
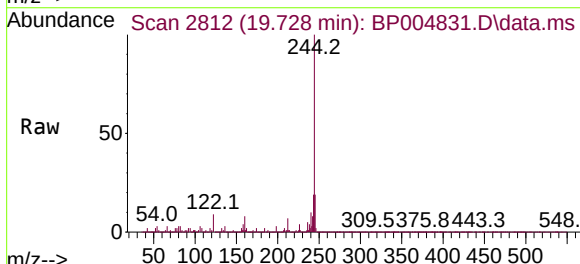
Instrument :
 BNA_P
 ClientSampleId :
 SP-234-B

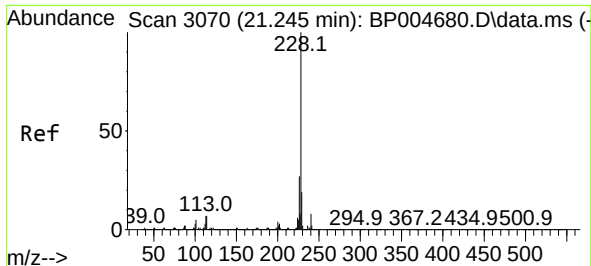
Tgt Ion:	202	Resp:	89504
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.1	25.7
203	18.2	14.2	21.2



#79
 Terphenyl-d14
 Concen: 50.59 ng
 RT: 19.728 min Scan# 2812
 Delta R.T. -0.005 min
 Lab File: BP004831.D
 Acq: 19 Feb 2021 20:22

Tgt Ion:	244	Resp:	776254
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.3	7.8	11.8

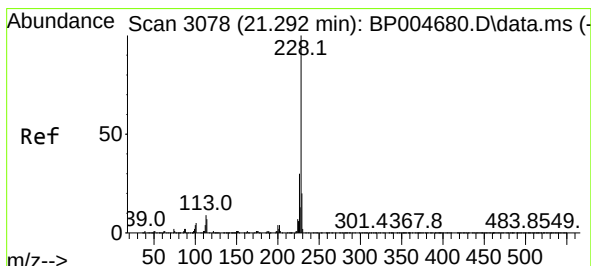
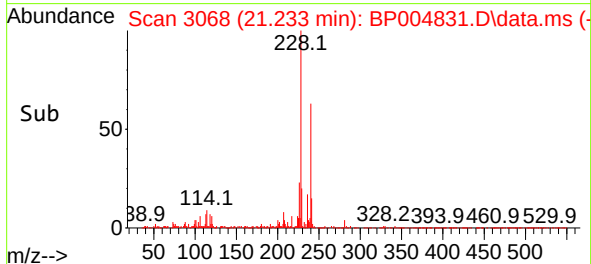
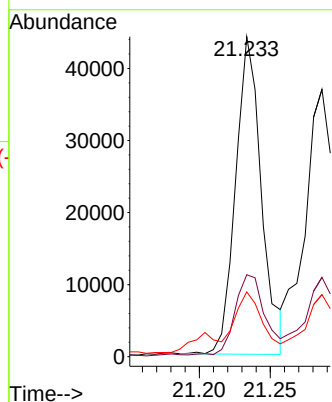
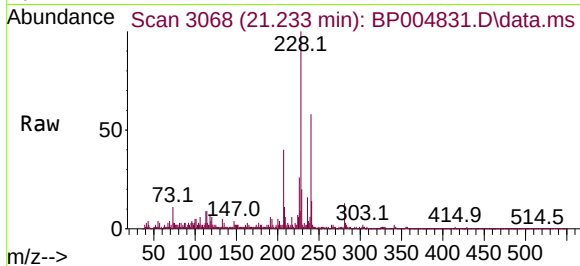




#81
Benzo(a)anthracene
Concen: 3.05 ng
RT: 21.233 min Scan# 3068
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

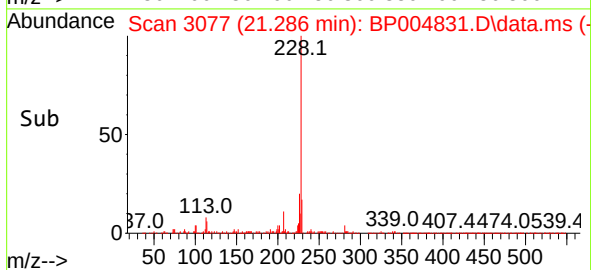
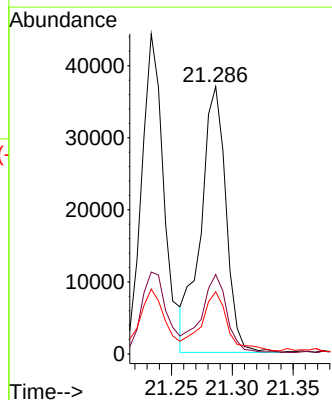
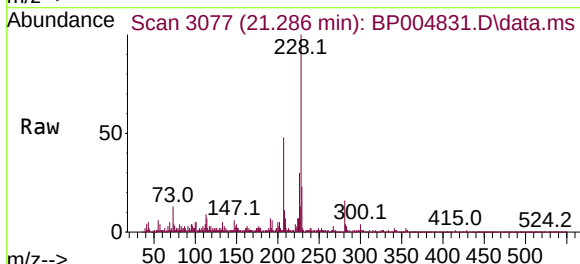
Instrument :
BNA_P
ClientSampled :
SP-234-B

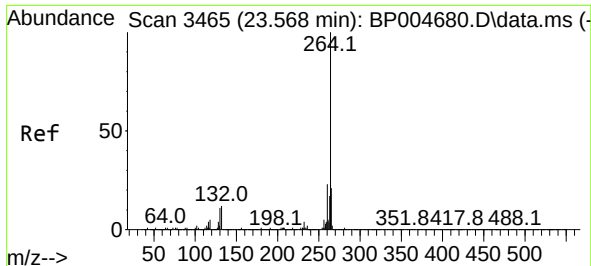
Tgt Ion:	228	Resp:	55803
Ion Ratio	Lower	Upper	
228	100		
226	25.6	22.1	33.1
229	20.2	15.9	23.9



#83
Chrysene
Concen: 3.00 ng
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:	228	Resp:	53108
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.4	36.6
229	23.2	15.8	23.6

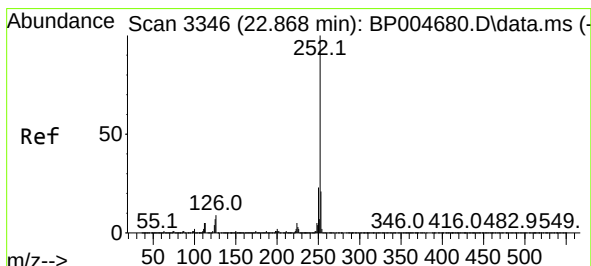
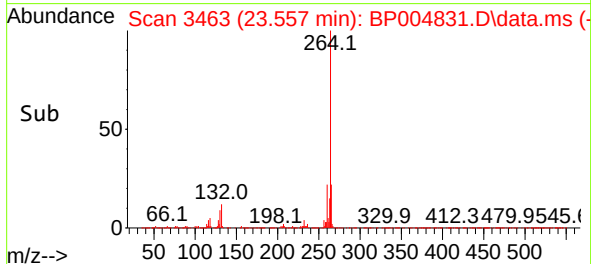
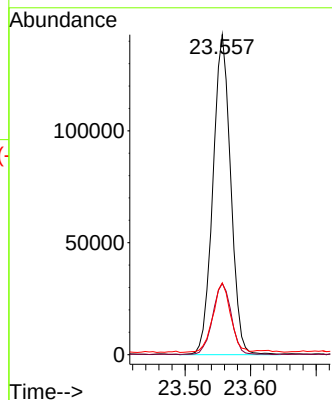
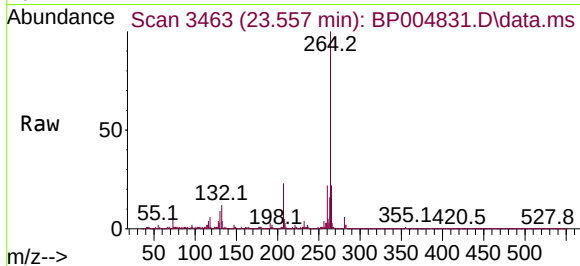




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.557 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

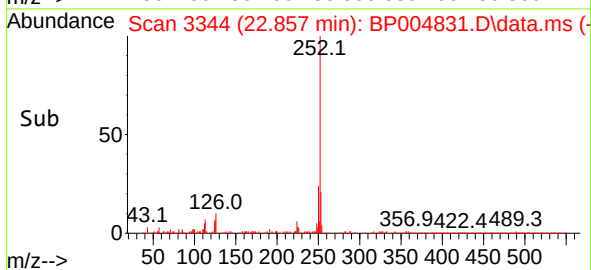
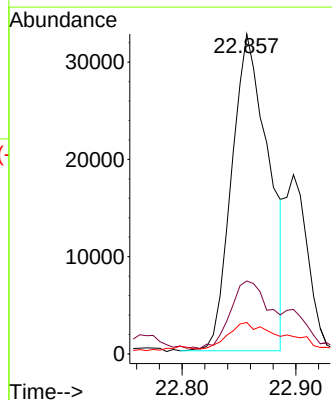
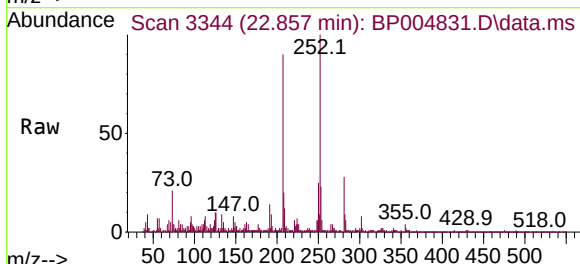
Instrument :
BNA_P
ClientSampled :
SP-234-B

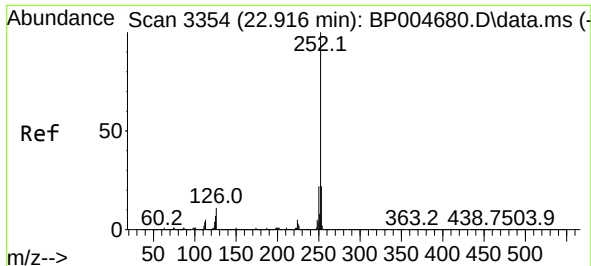
Tgt Ion:	264	Resp:	268716
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.8	28.2
265	22.4	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 3.73 ng
RT: 22.857 min Scan# 3344
Delta R.T. 0.000 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:	252	Resp:	73451
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	9.9	7.3	10.9

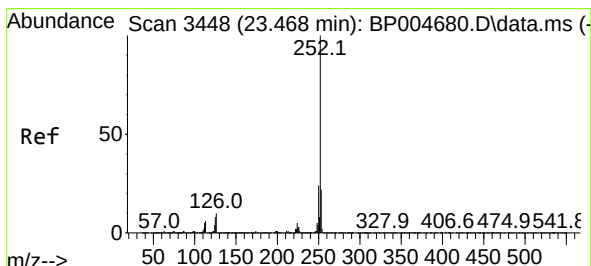
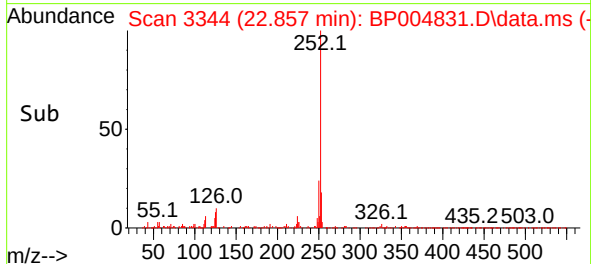
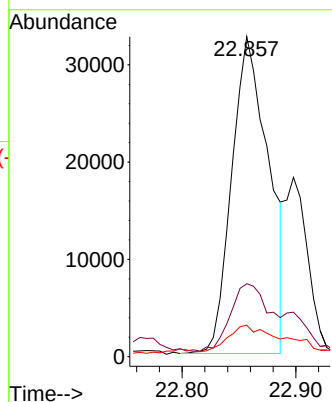
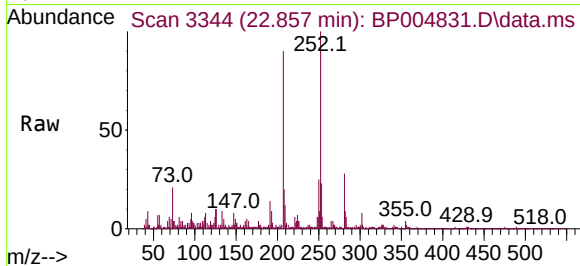




#89
Benzo(k)fluoranthene
Concen: 3.89 ng
RT: 22.857 min Scan# 3344
Delta R.T. -0.047 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Instrument :
BNA_P
ClientSampleId :
SP-234-B

Tgt Ion:252 Resp: 73451
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 2.87 ng
RT: 23.451 min Scan# 3445
Delta R.T. -0.005 min
Lab File: BP004831.D
Acq: 19 Feb 2021 20:22

Tgt Ion:252 Resp: 51010
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 11.9 8.2 12.4

