

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004818.D
 Acq On : 19 Feb 2021 12:52
 Operator : CG/JU
 Sample : M1446-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 13:25:23 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)

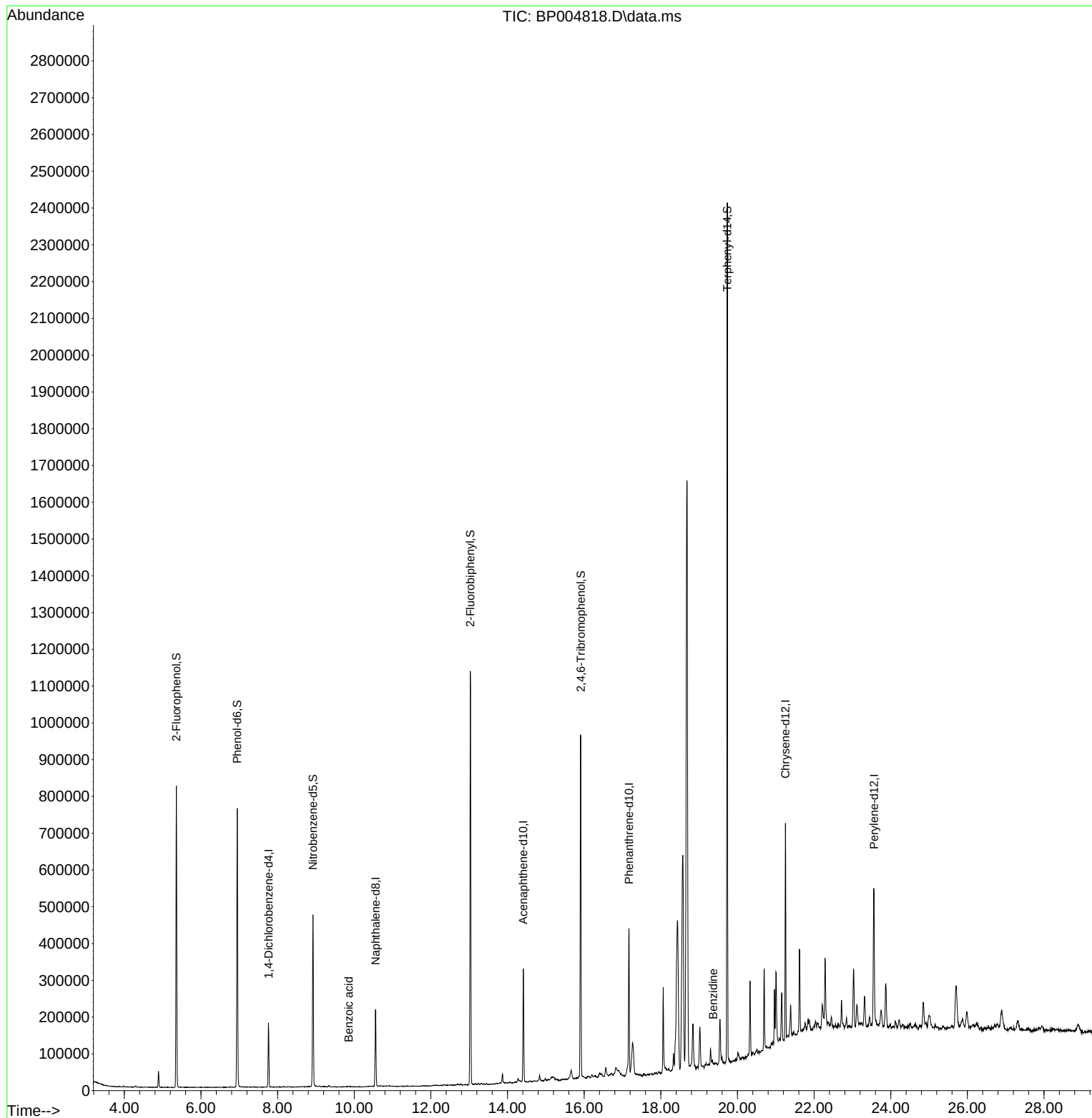
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	43360	20.00	ng	# 0.00
21) Naphthalene-d8	10.557	136	163762	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	100059	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	221603	20.00	ng	0.00
76) Chrysene-d12	21.251	240	255596	20.00	ng	0.00
86) Perylene-d12	23.563	264	266070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	317795	113.16	ng	0.00
7) Phenol-d6	6.946	99	400826	103.79	ng	0.00
23) Nitrobenzene-d5	8.922	82	256762	68.32	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	162154	121.98	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	556376	67.96	ng	0.00
79) Terphenyl-d14	19.733	244	896135	58.89	ng	0.00
Target Compounds						
32) Benzoic acid	9.857	122	88	6.89	ng	# 55
77) Benzidine	19.369	184	114	2.16	ng	# 1

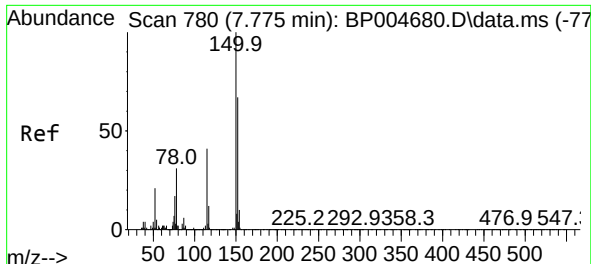
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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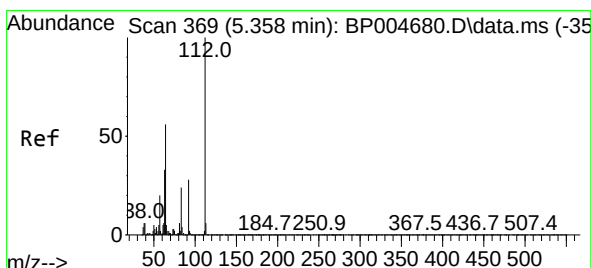
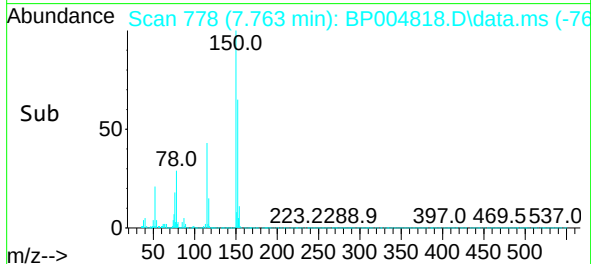
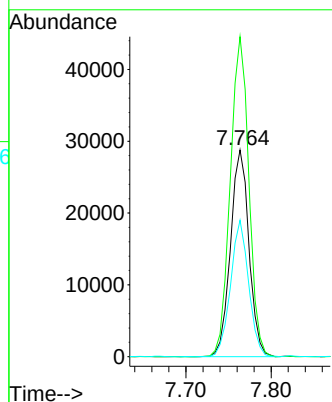
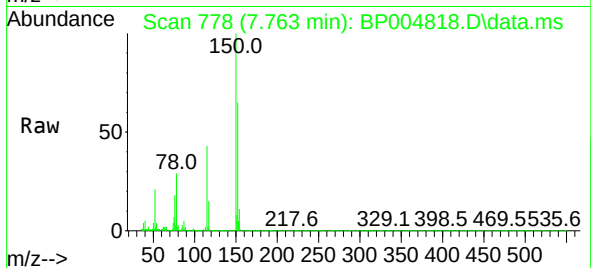




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

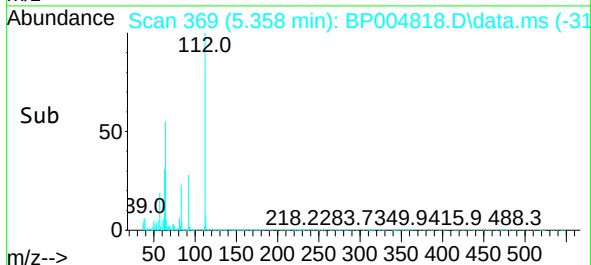
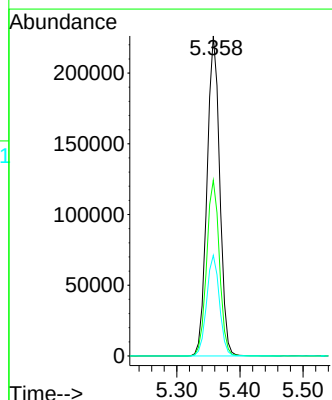
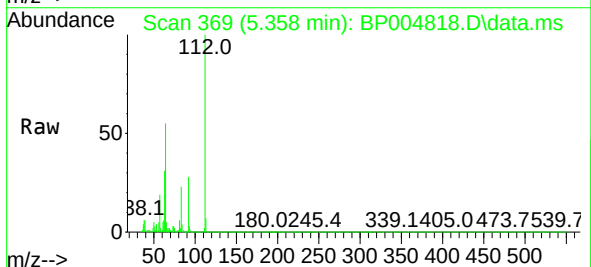
Instrument :
BNA_N
ClientSampleId :

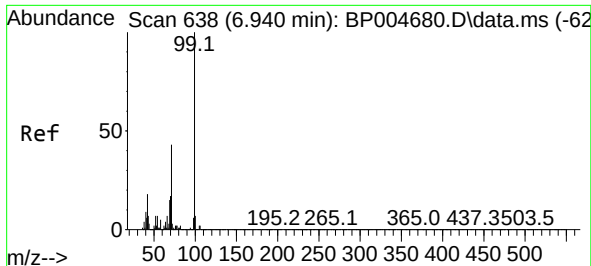
Tgt Ion:152 Resp: 43360
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 66.0 43.8 65.6#



#5
2-Fluorophenol
Concen: 113.16 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

Tgt Ion:112 Resp: 317795
Ion Ratio Lower Upper
112 100
64 54.9 32.8 49.2#
63 31.4 17.0 25.4#

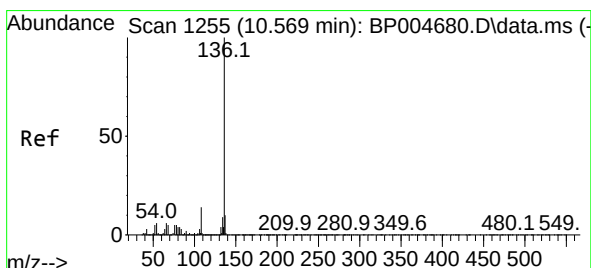
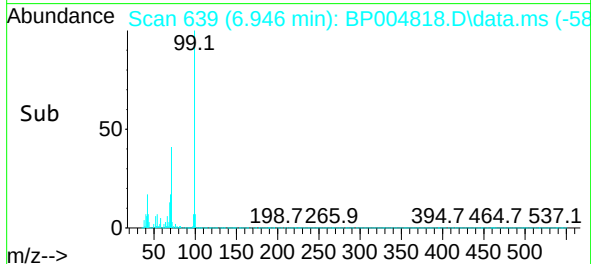
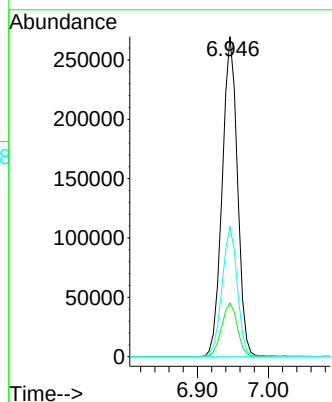
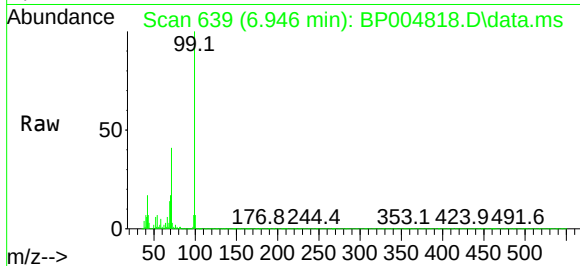




#7
Phenol-d6
Concen: 103.79 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

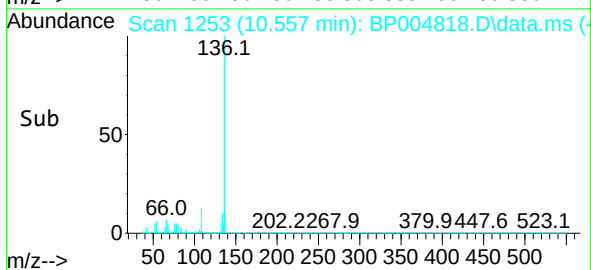
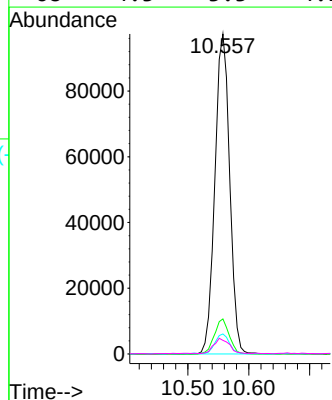
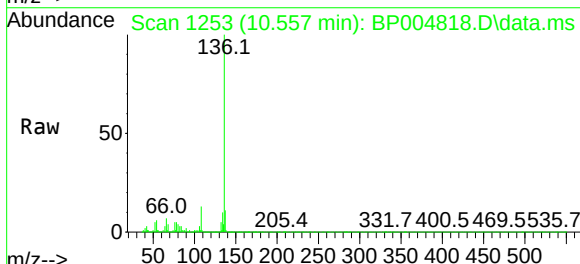
Instrument :
BNA_N
ClientSampled :

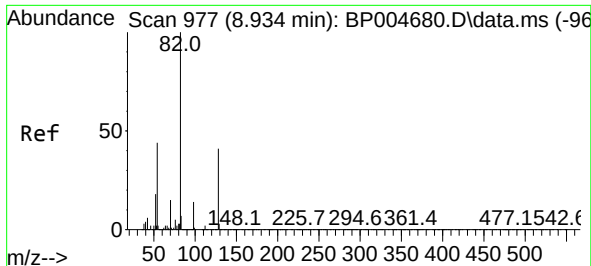
Tgt Ion: 99 Resp: 400826
Ion Ratio Lower Upper
99 100
42 16.8 8.6 13.0#
71 40.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

Tgt Ion: 136 Resp: 163762
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.2 3.6 5.4#
68 4.3 3.3 4.9

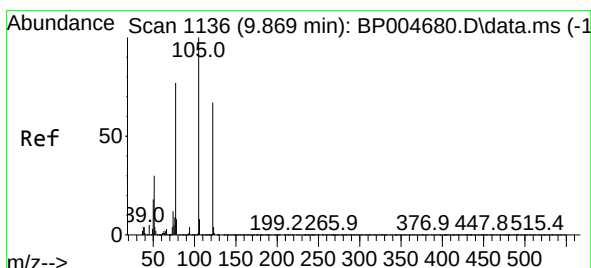
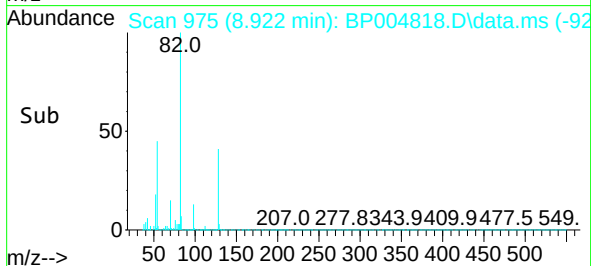
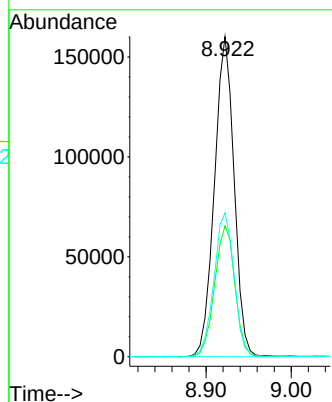
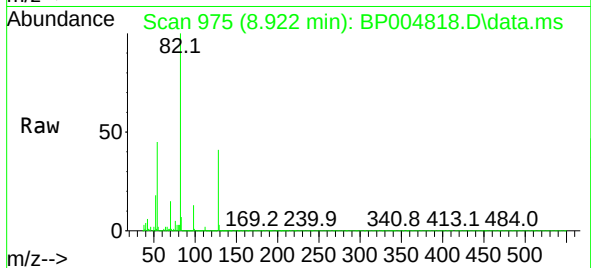




#23
Nitrobenzene-d5
Concen: 68.32 ng
RT: 8.922 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

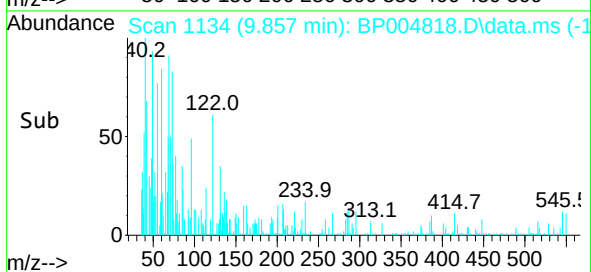
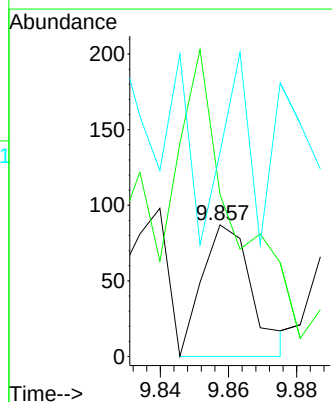
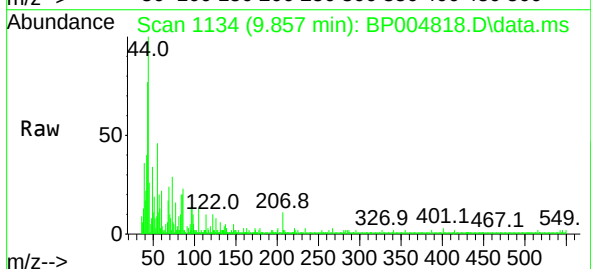
Instrument :
BNA_N
ClientSampleId :

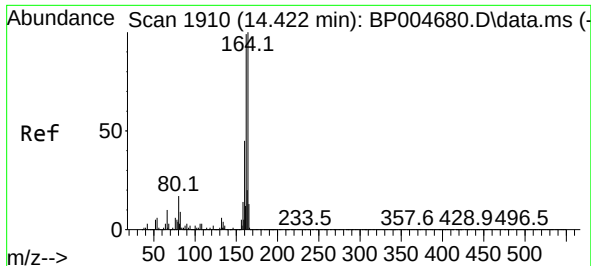
Tgt Ion: 82 Resp: 256762
Ion Ratio Lower Upper
82 100
128 40.8 45.6 68.4#
54 45.0 30.1 45.1



#32
Benzoic acid
Concen: 6.89 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.011 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

Tgt Ion: 122 Resp: 88
Ion Ratio Lower Upper
122 100
105 123.0 94.1 134.1
77 155.2 50.1 90.1#

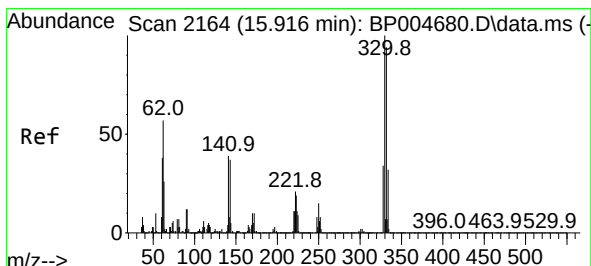
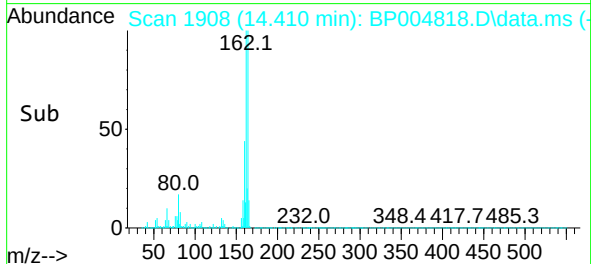
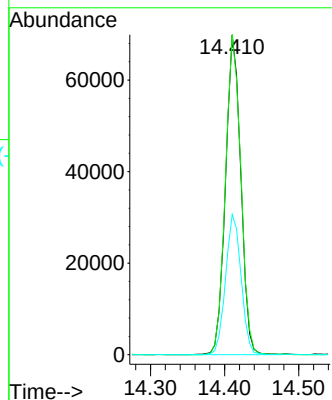
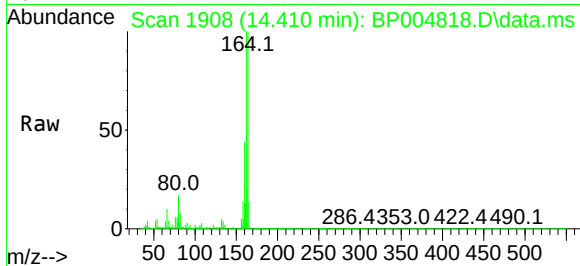




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

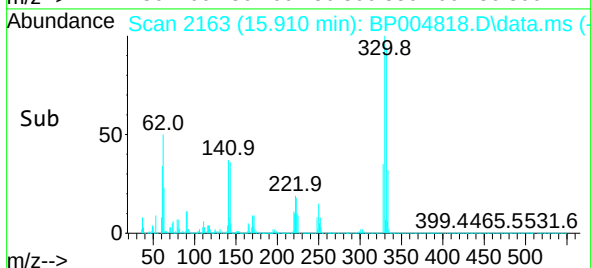
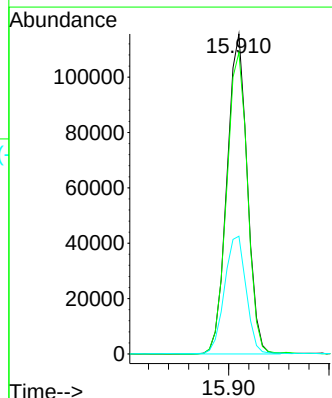
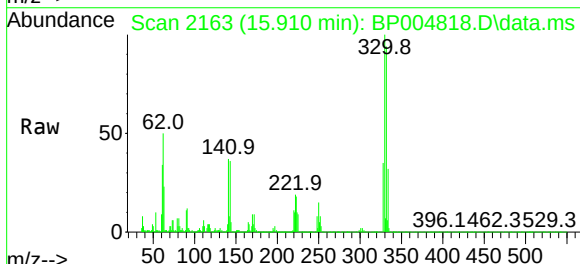
Instrument :
BNA_N
ClientSampleId :

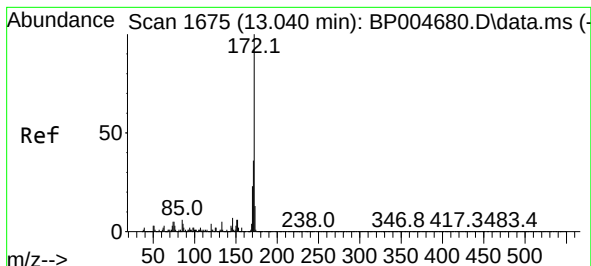
Tgt Ion:164 Resp: 100059
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 121.98 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

Tgt Ion:330 Resp: 162154
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 39.0 23.4 35.2#

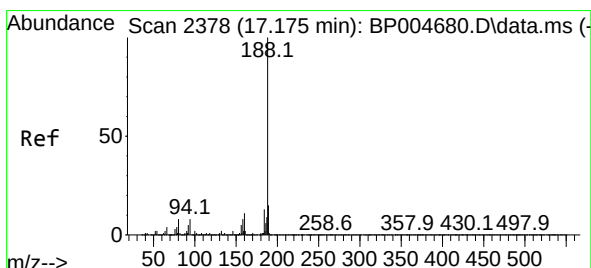
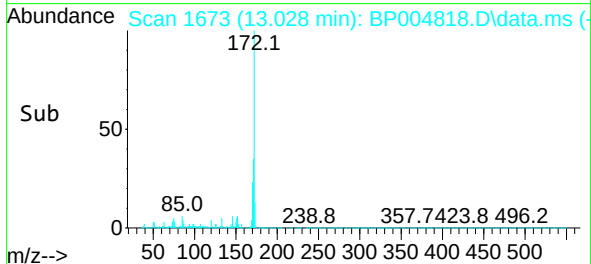
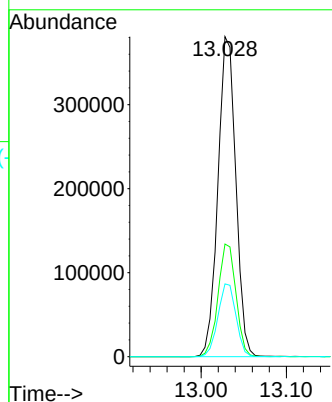
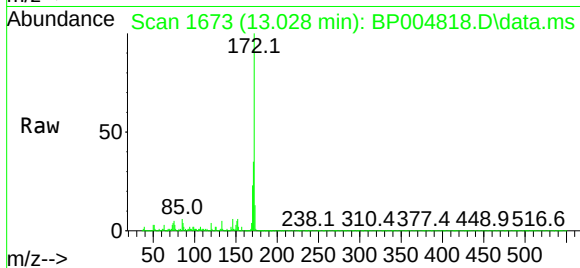




#45
2-Fluorobiphenyl
Concen: 67.96 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

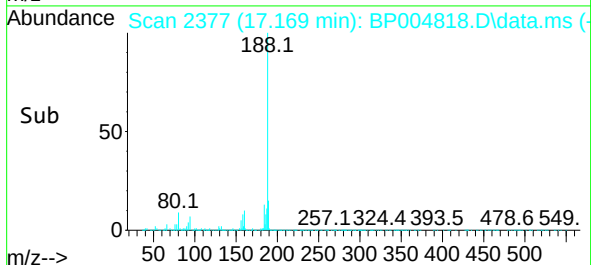
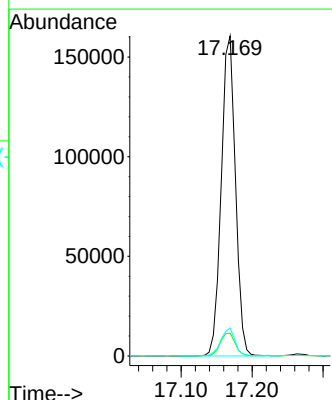
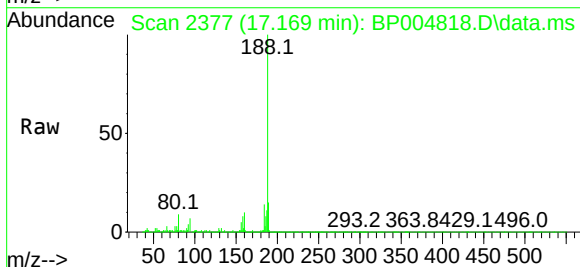
Instrument :
BNA_N
ClientSampleId :

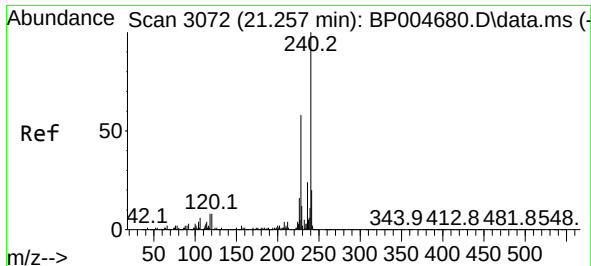
Tgt Ion:172 Resp: 556376
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.8 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. 0.006 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

Tgt Ion:188 Resp: 221603
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.7 6.2 9.2

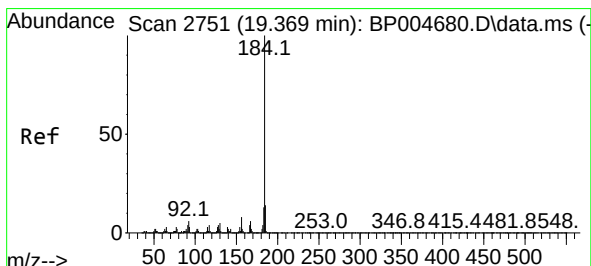
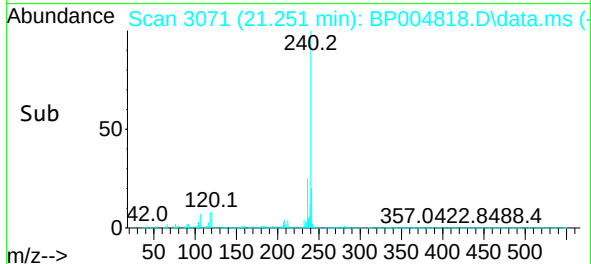
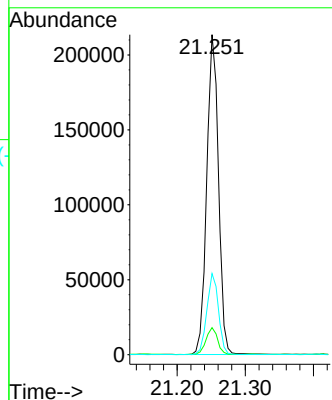
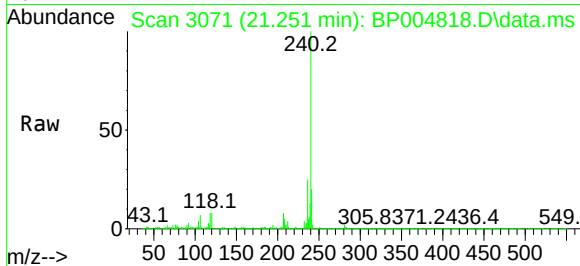




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

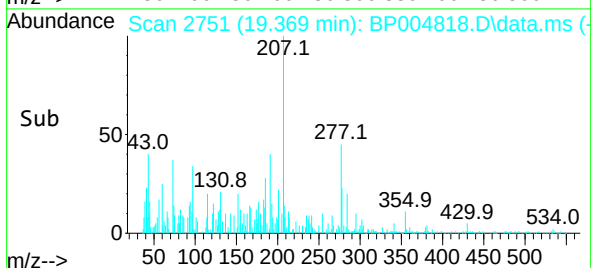
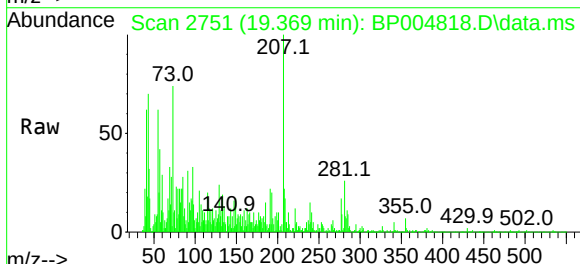
Instrument :
BNA_N
ClientSampled :

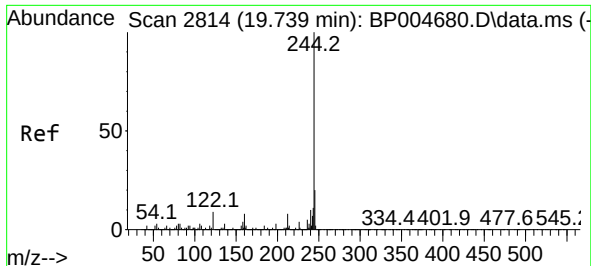
Tgt Ion:240 Resp: 255596
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.16 ng
RT: 19.369 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BP004818.D
Acq: 19 Feb 2021 12:52

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
185 304.5 11.5 17.3#
183 171.4 9.6 14.4#

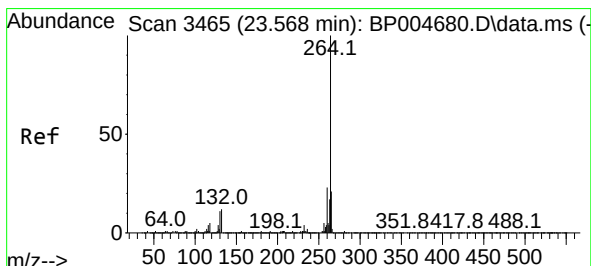
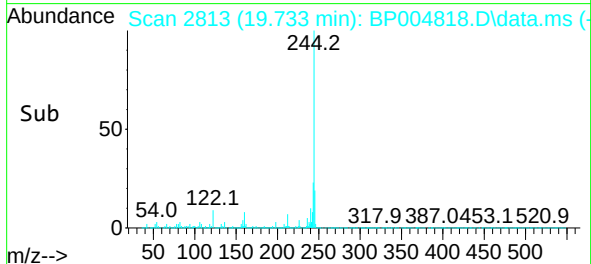
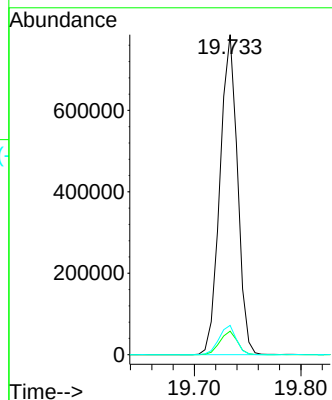
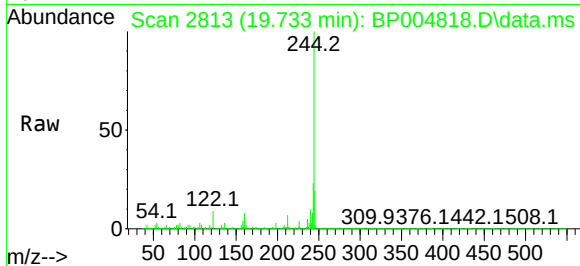




#79
 Terphenyl-d14
 Concen: 58.89 ng
 RT: 19.733 min Scan# 2813
 Delta R.T. 0.000 min
 Lab File: BP004818.D
 Acq: 19 Feb 2021 12:52

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:	244	Resp:	896135
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.6
122	9.1	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.563 min Scan# 3464
 Delta R.T. 0.006 min
 Lab File: BP004818.D
 Acq: 19 Feb 2021 12:52

Tgt Ion:	264	Resp:	266070
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.8	28.2
265	21.5	17.4	26.2

