

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118316.D
 Acq On : 26 Dec 2019 15:07
 Operator : JU
 Sample : K64438-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 03:23:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

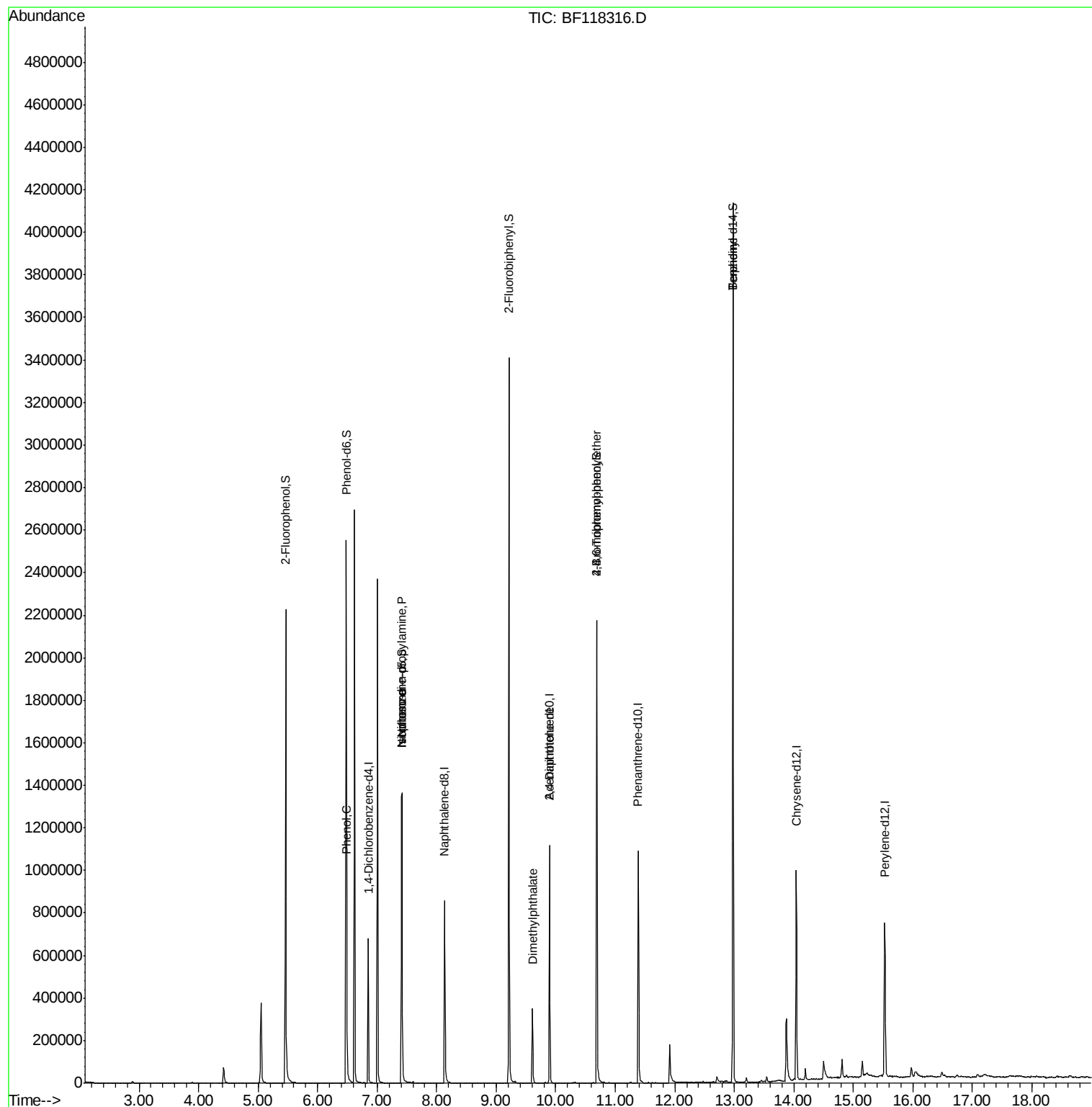
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106551	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	424015	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	231386	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	445035	20.00	ng	0.00
76) Chrysene-d12	14.04	240	311731	20.00	ng	-0.01
87) Perylene-d12	15.53	264	322917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	664174	106.40	ng	0.00
7) Phenol-d6	6.48	99	829709	107.15	ng	0.00
23) Nitrobenzene-d5	7.41	82	495838	66.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	294538	103.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1040940	68.67	ng	0.00
79) Terphenyl-d14	12.98	244	1360642	72.41	ng	0.00
Target Compounds						
10) Phenol	6.49	94	28503	3.275	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	65436	13.718	ng	# 76
25) Isophorone	7.41	82	495834	38.377	ng	# 62
50) Dimethylphthalate	9.61	163	151299	8.711	ng	98
57) 2,4-Dinitrotoluene	9.90	165	29115	5.819	ng	# 30
67) 4-Bromophenyl-phenylether	10.69	248	18216	3.498	ng	# 1
77) Benzidine	12.98	184	18220	2.133	ng	# 93

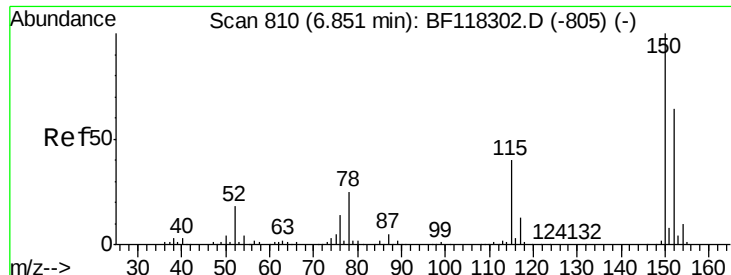
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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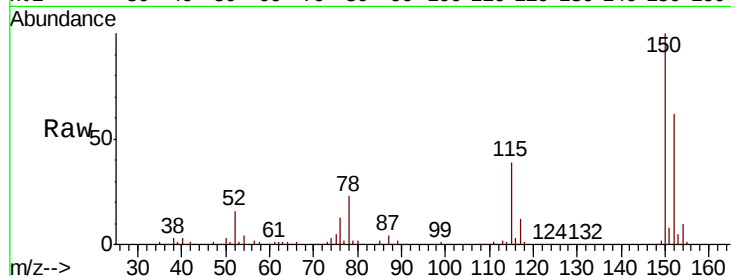


#1

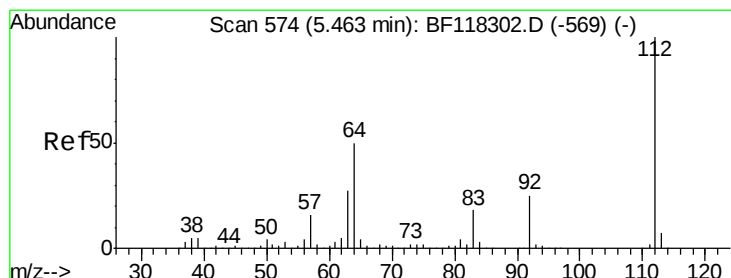
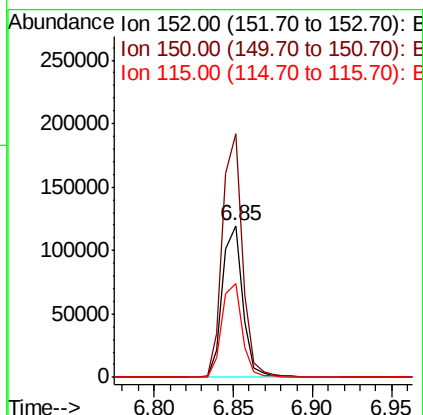
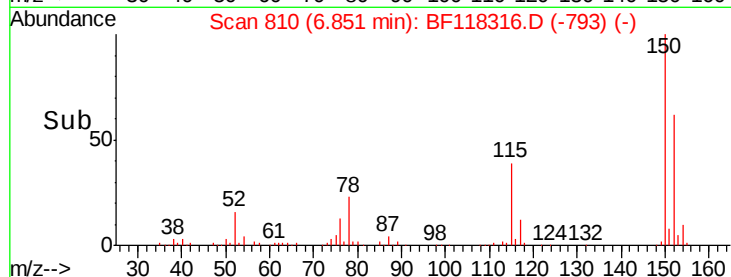
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106551
Ion Ratio Lower Upper
152 100
150 160.4 125.4 188.2
115 62.1 50.2 75.4



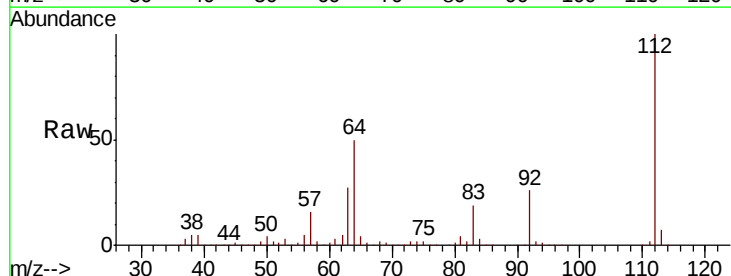
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



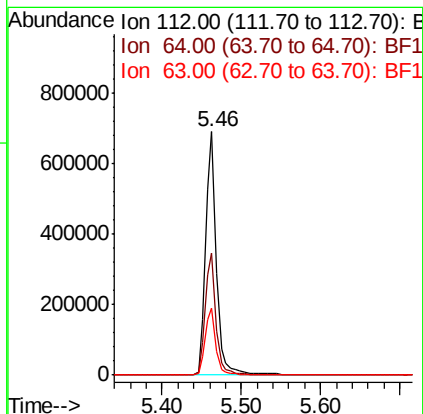
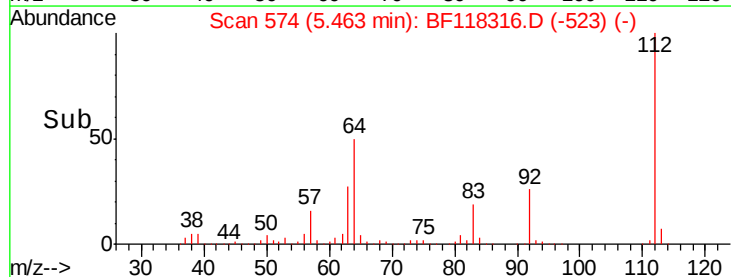
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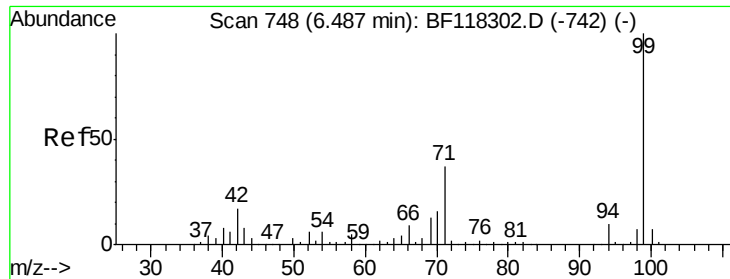
2-Fluorophenol
Concen: 106.403 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:112 Resp: 664174
Ion Ratio Lower Upper
112 100
64 49.9 39.7 59.5
63 27.4 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.150 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118316.D

Acq: 26 Dec 2019 15:07

Instrument :

BNA_F

ClientSampled :

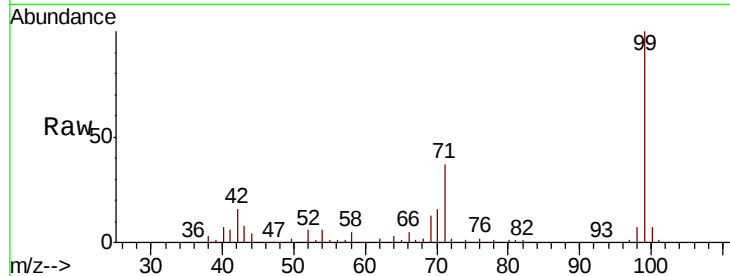
Tot Ion: 99 Resp: 829709

Ion Ratio Lower Upper

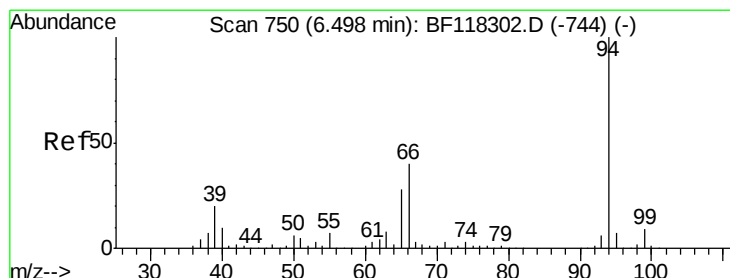
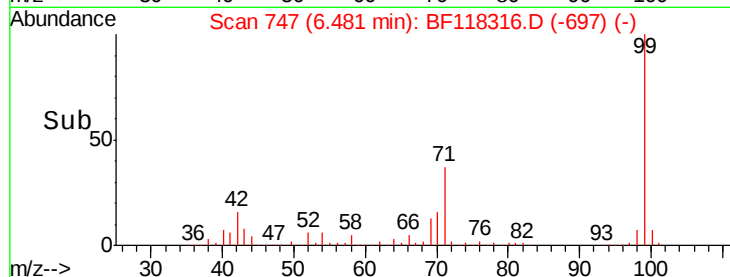
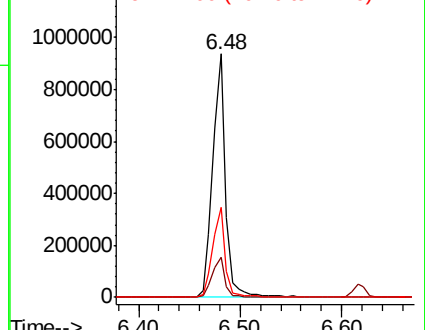
99 100

42 16.4 13.5 20.3

71 36.8 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.275 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118316.D

Acq: 26 Dec 2019 15:07

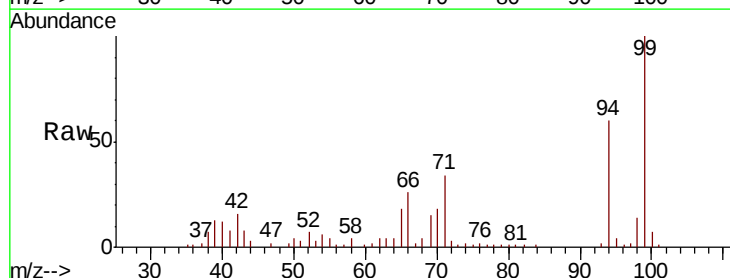
Tgt Ion: 94 Resp: 28503

Ion Ratio Lower Upper

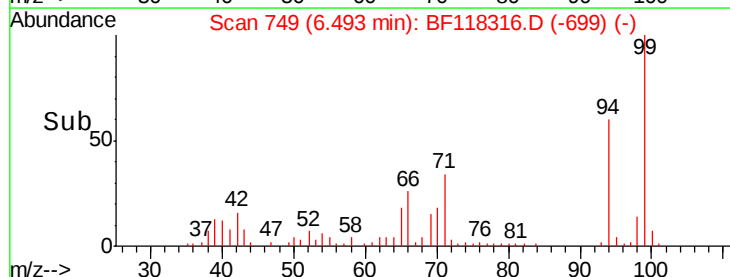
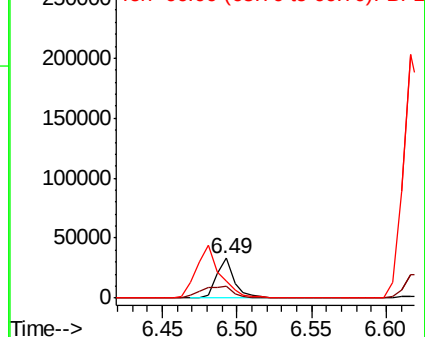
94 100

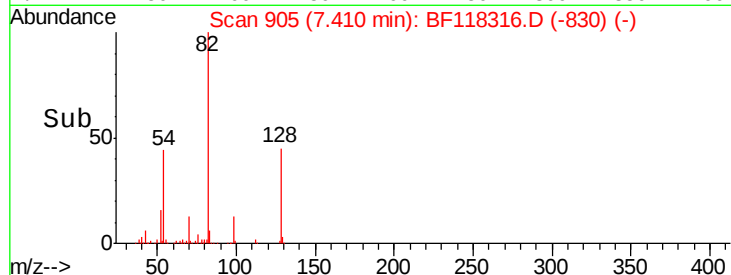
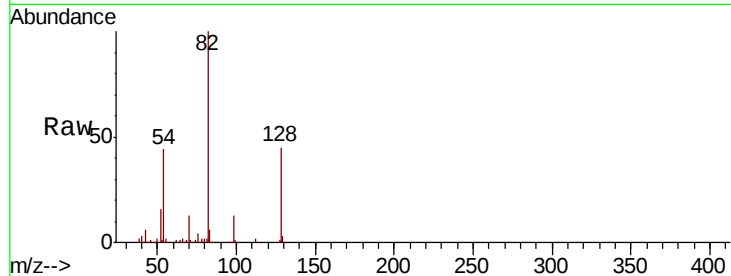
65 29.3 7.8 47.8

66 43.4 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

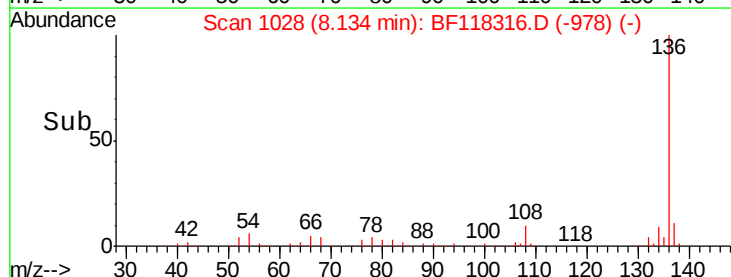
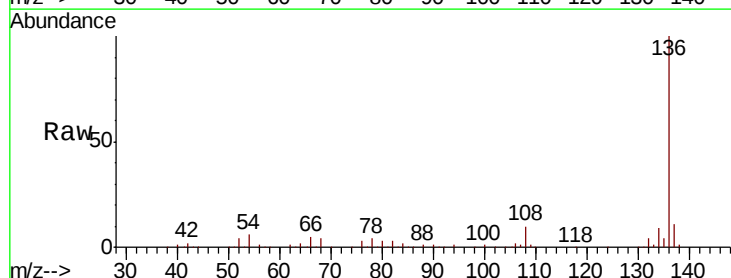
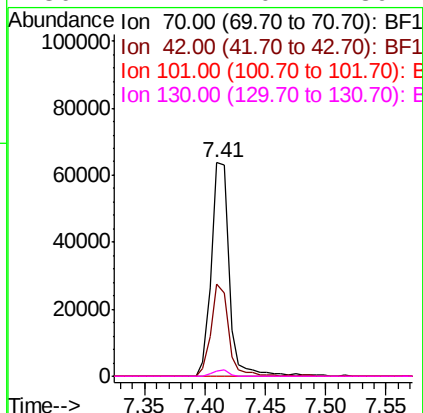




#19
n-Nitroso-di-n-propylamine
Concen: 13.718 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

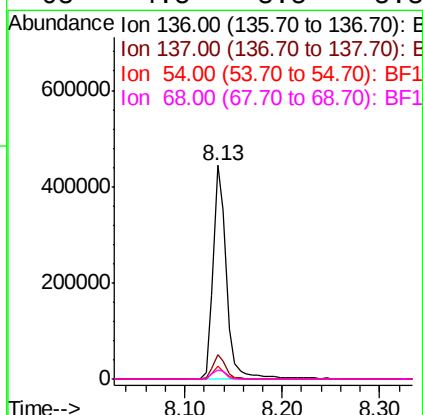
Instrument :
BNA_F
ClientSampled :

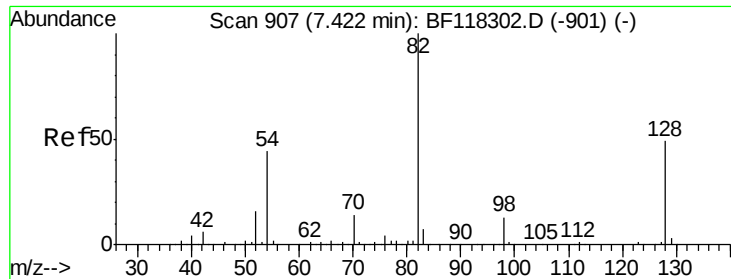
Tot Ion: 70 Resp: 65436
Ion Ratio Lower Upper
70 100
42 43.1 41.1 61.7
101 0.0 8.3 12.5#
130 2.2 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion: 136 Resp: 424015
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.9 4.2 6.4
68 4.5 3.5 5.3

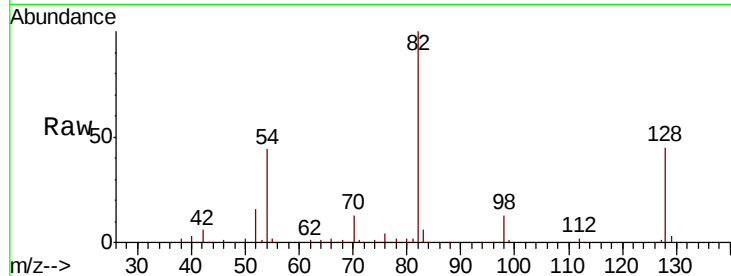




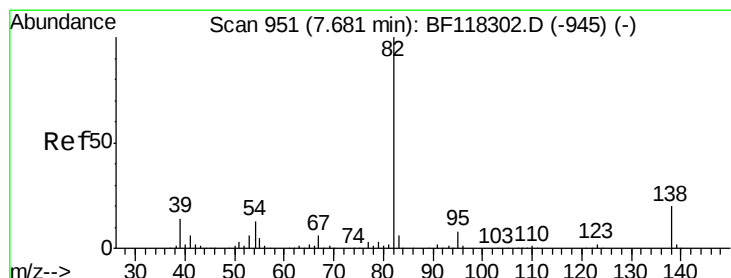
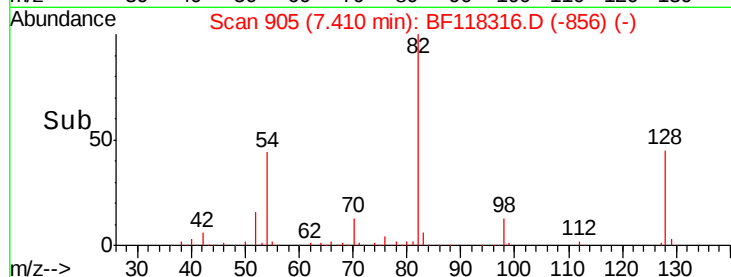
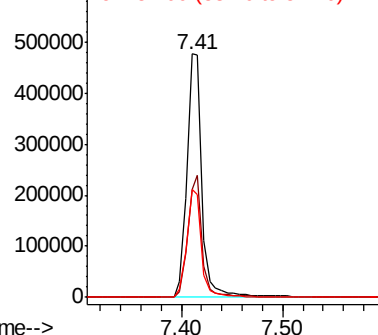
#23
 Nitrobenzene-d5
 Concen: 66.883 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118316.D
 Acq: 26 Dec 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	495838
Ion Ratio	Lower	Upper	
82	100		
128	44.6	39.6	59.4
54	44.5	34.9	52.3

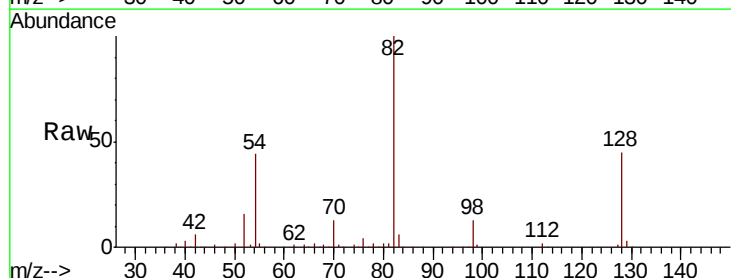


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

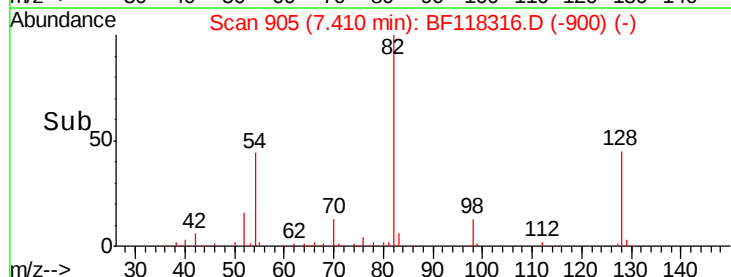
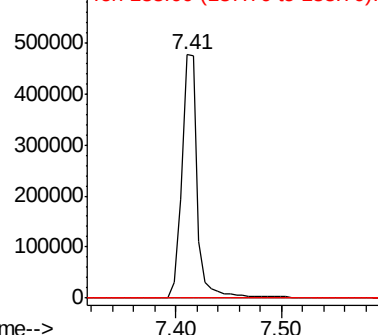


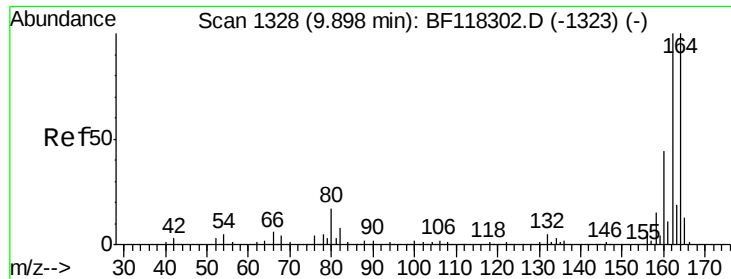
#25
 Isophorone
 Concen: 38.377 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.27 min
 Lab File: BF118316.D
 Acq: 26 Dec 2019 15:07

Tgt Ion	82	Resp	495834
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

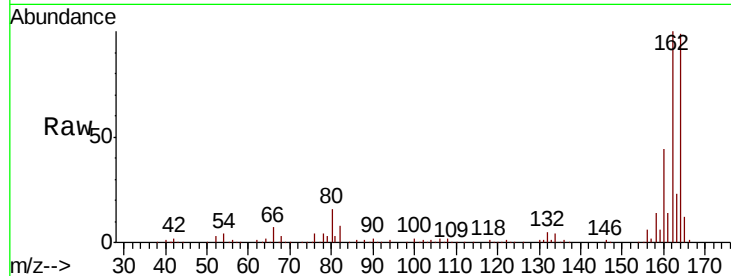




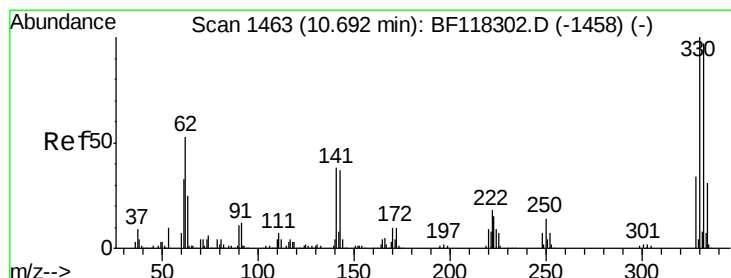
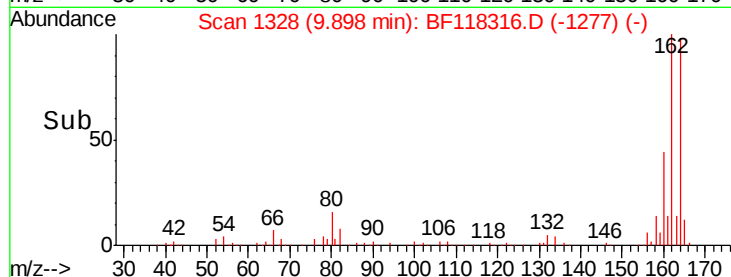
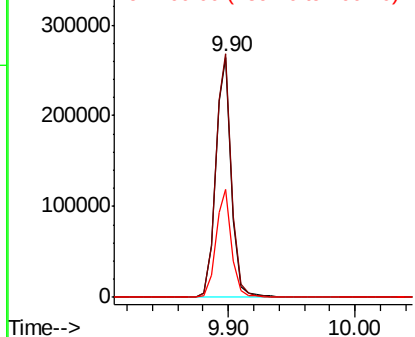
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 231386
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 44.7 34.8 52.2

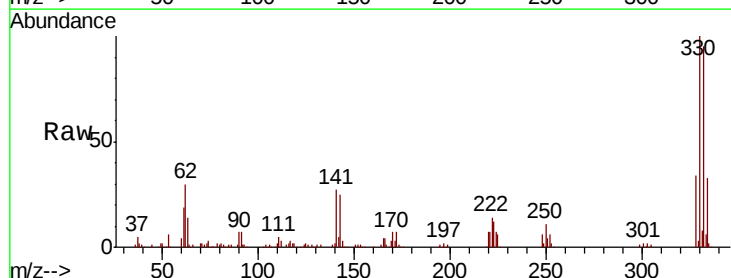


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

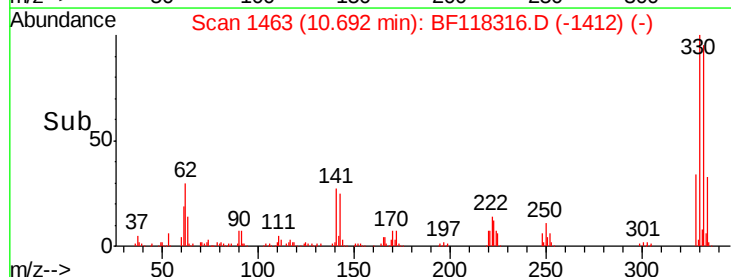
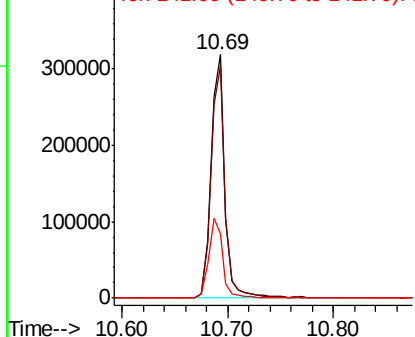


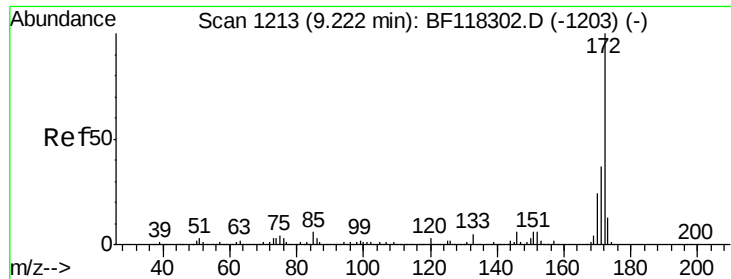
#42
2,4,6-Tribromophenol
Concen: 103.077 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:330 Resp: 294538
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 33.2 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

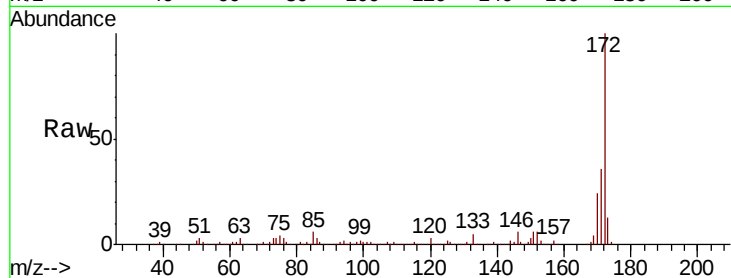




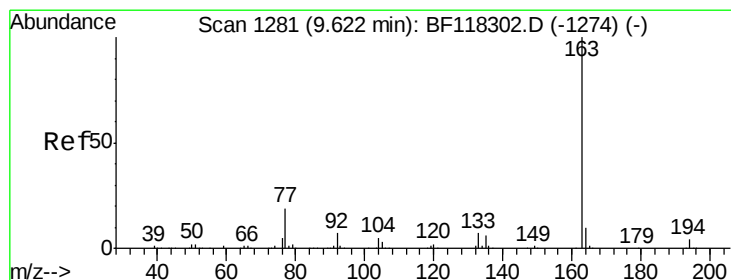
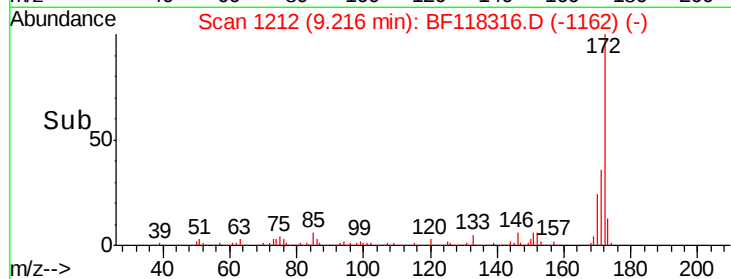
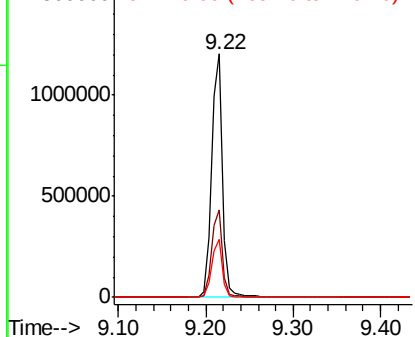
#45
2-Fluorobiphenyl
Concen: 68.672 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1040940
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 24.0 19.2 28.8

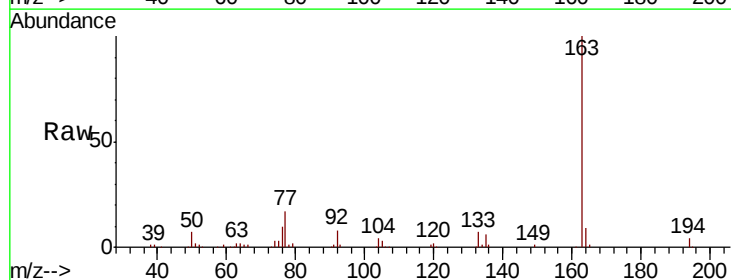


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

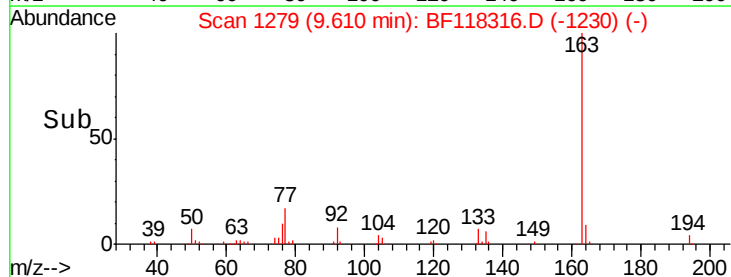
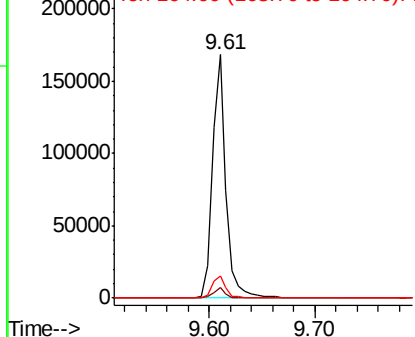


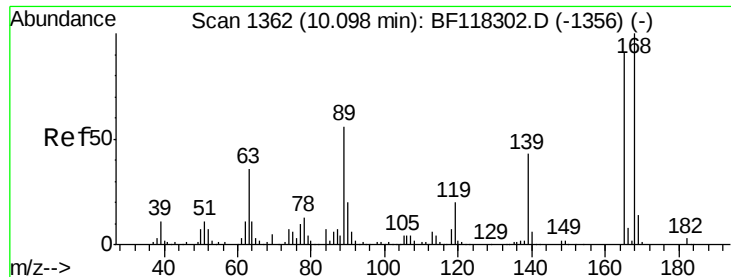
#50
Dimethylphthalate
Concen: 8.711 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:163 Resp: 151299
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.2 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

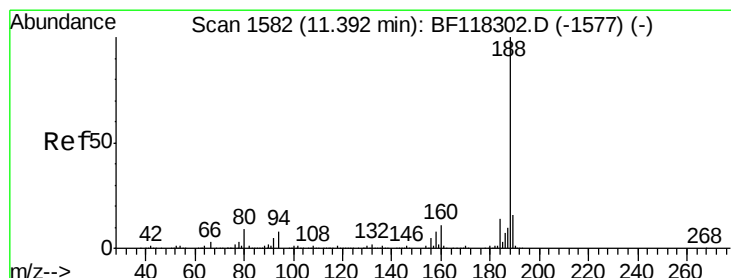
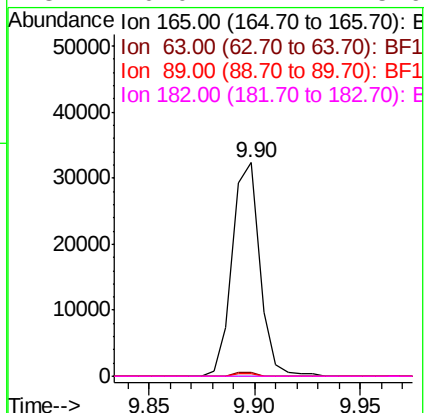
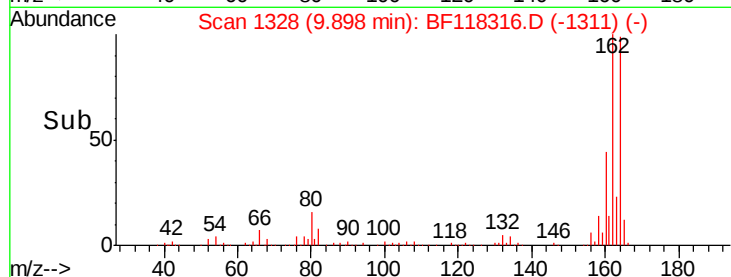
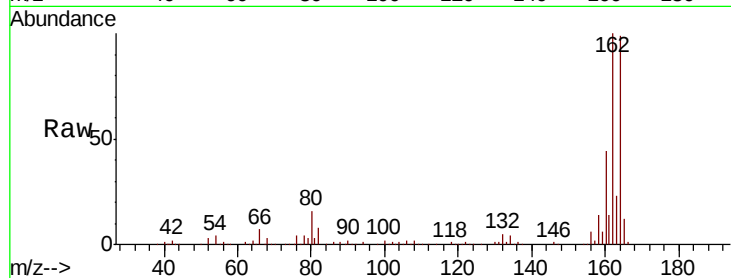




#57
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF118316.D
 Acq: 26 Dec 2019 15:07

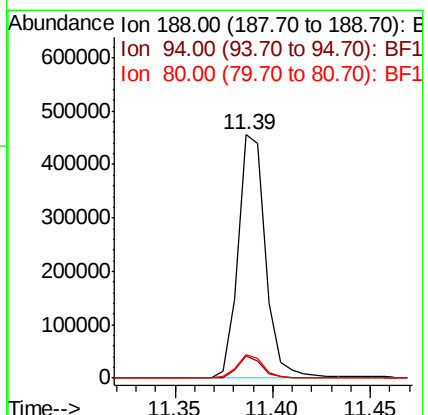
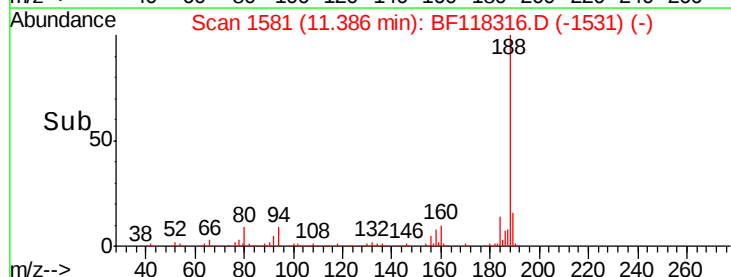
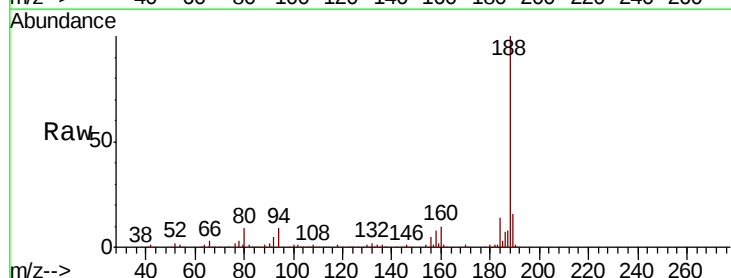
Instrument :
 BNA_F
 ClientSampleId :

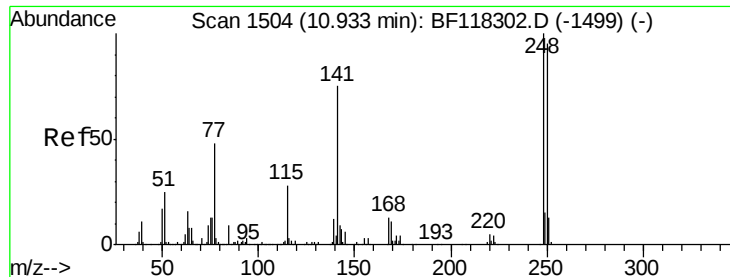
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.0	48.0#
89	1.5	49.3	73.9#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF118316.D
 Acq: 26 Dec 2019 15:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	9.5	7.2	10.8

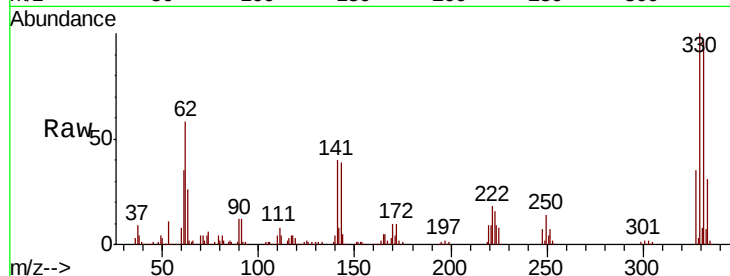




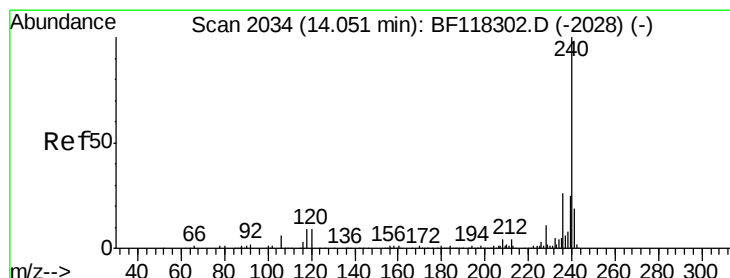
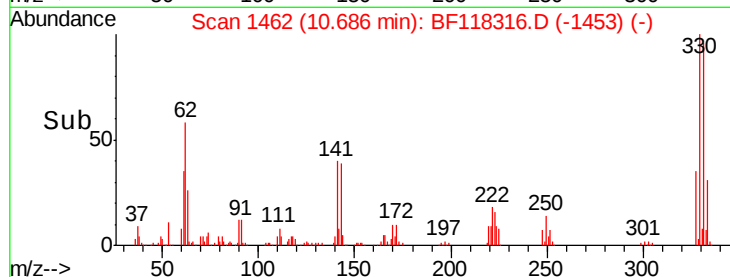
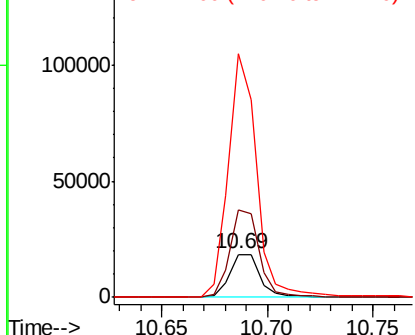
#67
4-Bromophenyl-phenylether
Concen: 3.498 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18216
Ion Ratio Lower Upper
248 100
250 203.1 76.4 114.6#
141 567.0 60.2 90.2#

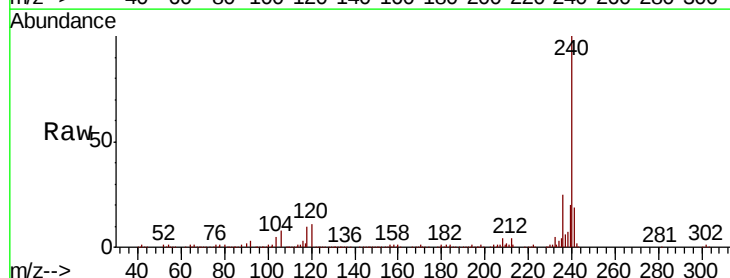


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

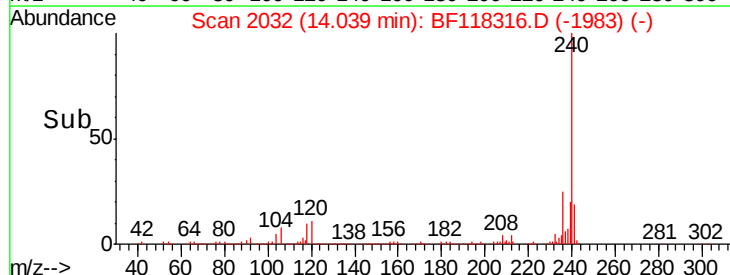
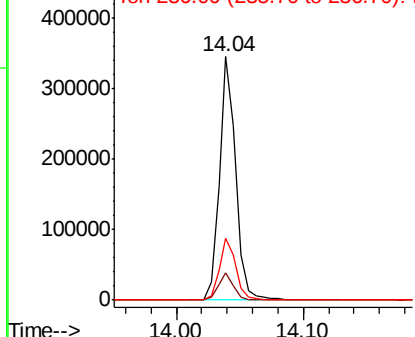


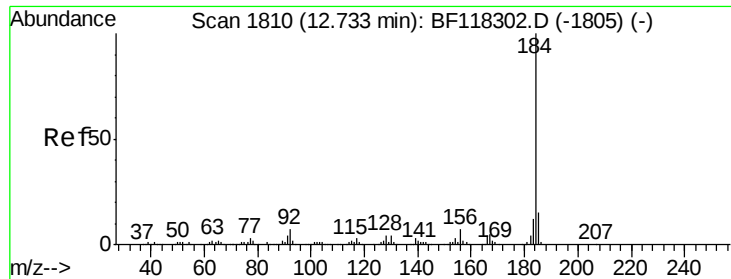
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:240 Resp: 311731
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 25.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.133 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.25 min

Lab File: BF118316.D

Acq: 26 Dec 2019 15:07

Instrument :

BNA_F

ClientSampleId :

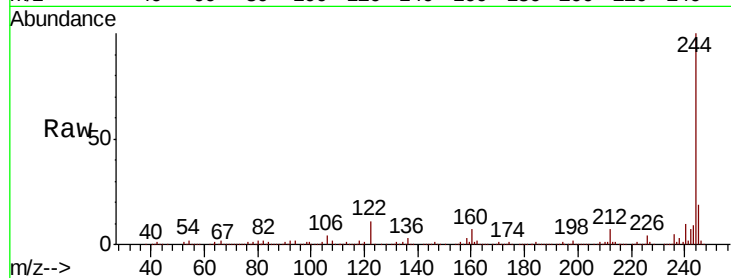
Tot Ion:184 Resp: 18220

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

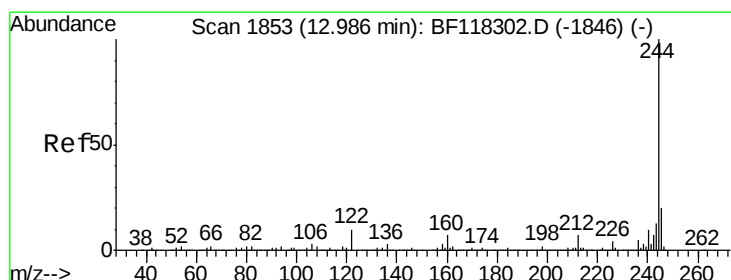
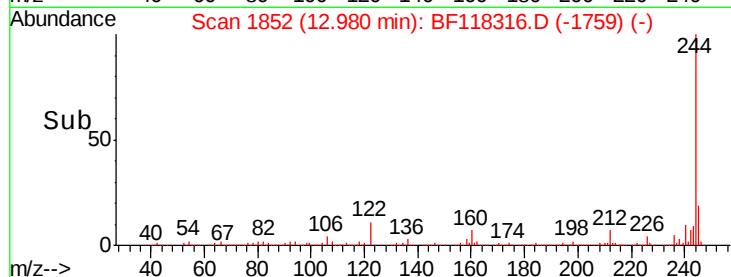
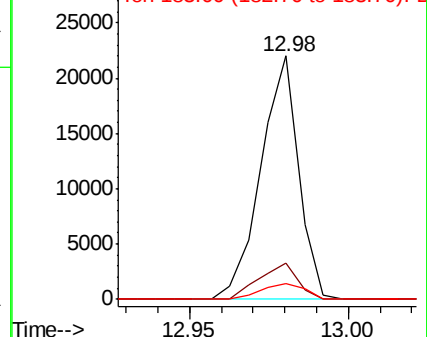
183 6.3 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 72.413 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118316.D

Acq: 26 Dec 2019 15:07

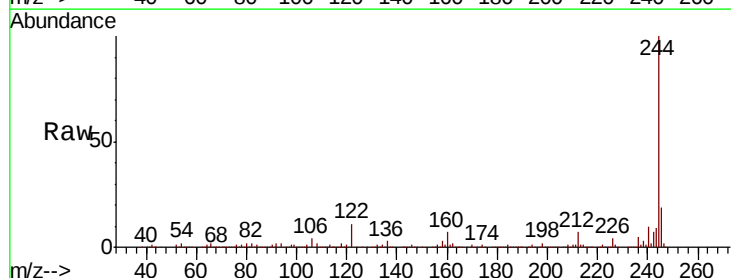
Tgt Ion:244 Resp: 1360642

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

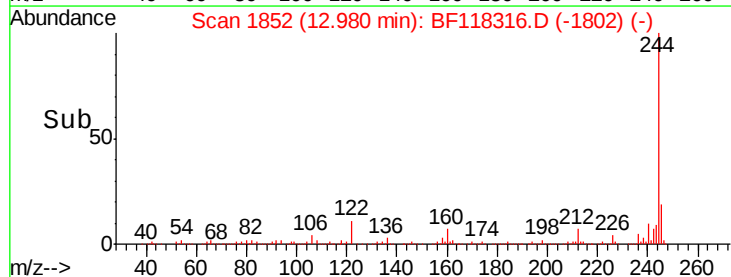
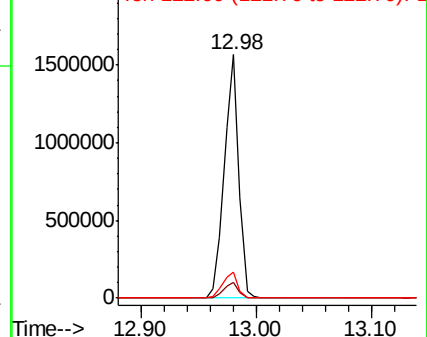
122 10.7 7.8 11.8

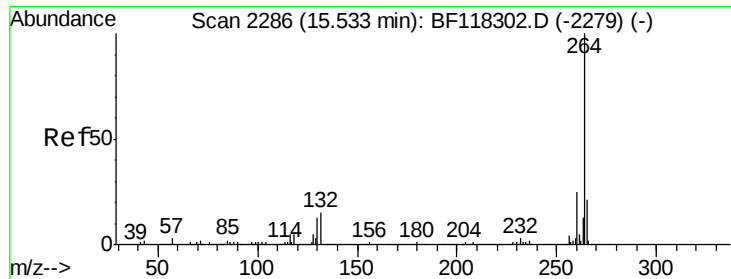


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.7	17.0	25.4

