

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111010.D
 Acq On : 27 Nov 2018 15:29
 Operator : JU/SJ
 Sample : J6060-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 16:02:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

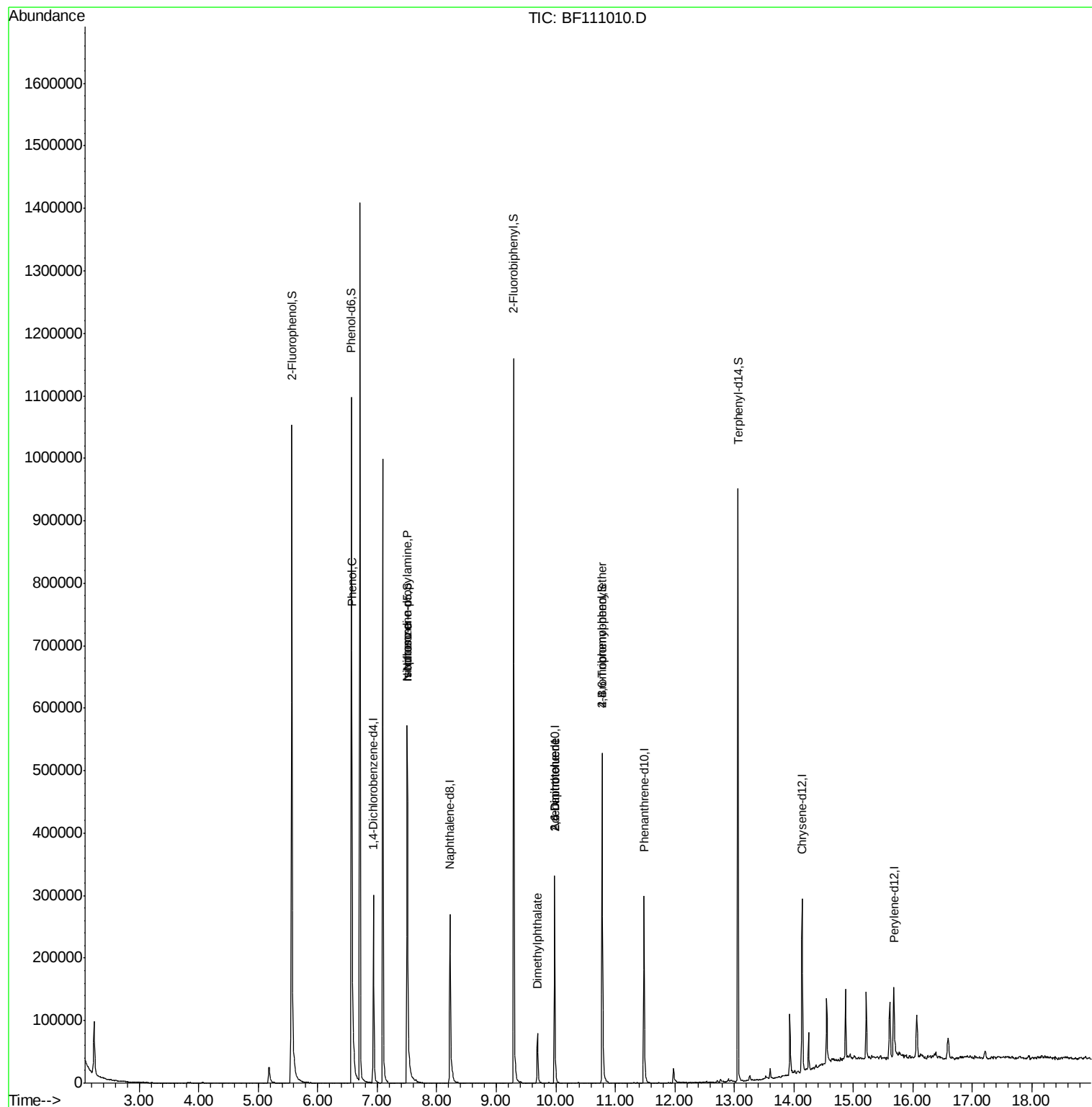
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	47854	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	176090	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	72812	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	134909	20.00	ng	0.00
76) Chrysene-d12	14.14	240	104075	20.00	ng	0.00
87) Perylene-d12	15.67	264	68379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	341926	118.49	ng	0.01
7) Phenol-d6	6.57	99	397318	105.65	ng	0.00
23) Nitrobenzene-d5	7.50	82	237928	77.33	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	75781	104.80	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	369322	73.49	ng	0.00
79) Terphenyl-d14	13.06	244	343762	64.30	ng	0.00
Target Compounds						
10) Phenol	6.58	94	23492	5.547	ng	79
19) n-Nitroso-di-n-propylamine	7.50	70	30791	12.570	ng	# 78
25) Isophorone	7.50	82	237928	47.141	ng	# 67
50) Dimethylphthalate	9.69	163	45163	8.457	ng	99
51) 2,6-Dinitrotoluene	9.98	165	9547	8.031	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	9547	6.190	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	4684	3.188	ng	# 1

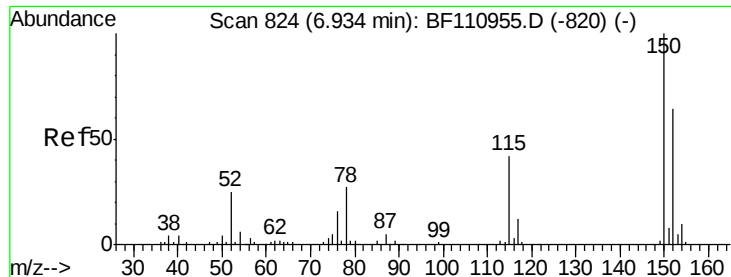
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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Response via : Initial Calibration

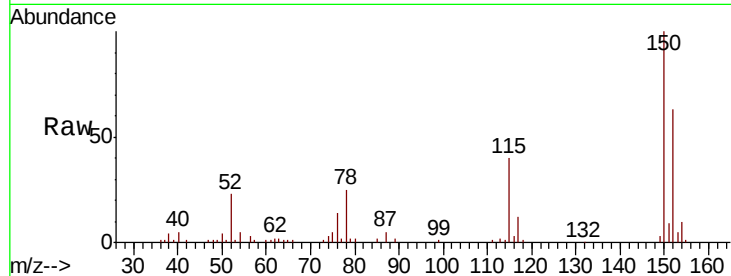




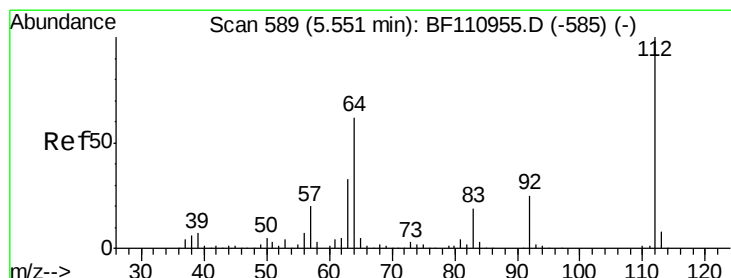
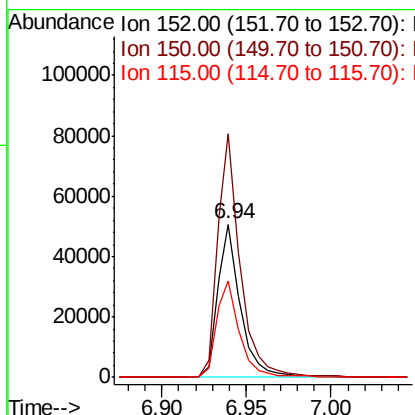
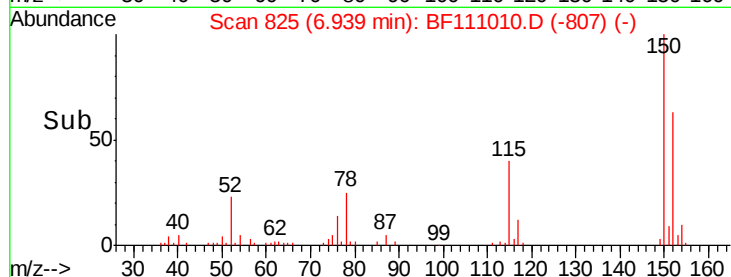
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111010.D
 Acq: 27 Nov 2018 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 47854
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.7 184.1
 115 63.2 49.1 73.7

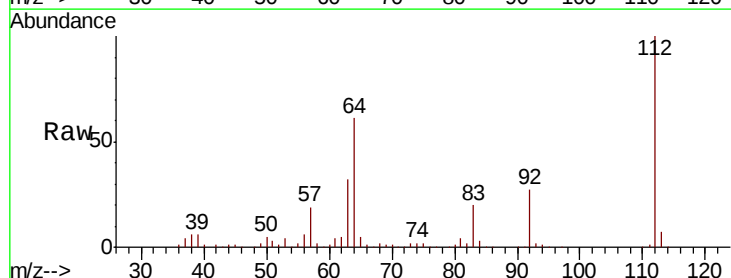


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

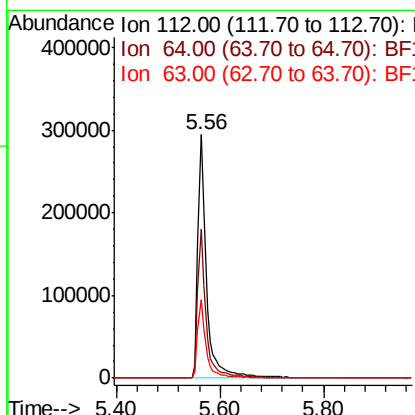
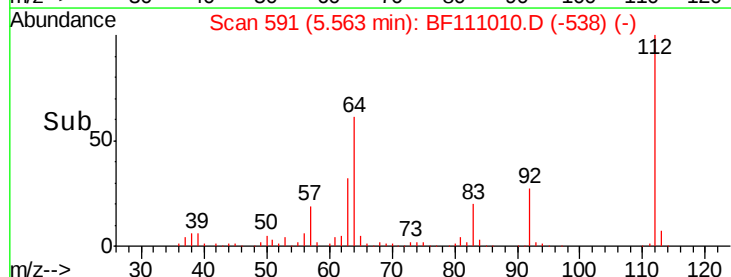


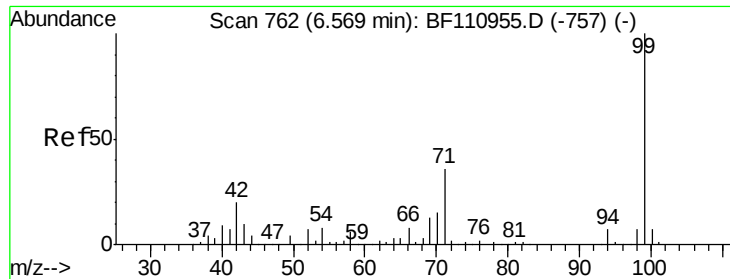
#5
 2-Fluorophenol
 Concen: 118.490 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF111010.D
 Acq: 27 Nov 2018 15:29

Tgt Ion:112 Resp: 341926
 Ion Ratio Lower Upper
 112 100
 64 61.1 44.1 66.1
 63 32.5 23.7 35.5



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: 105.654 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111010.D

Acq: 27 Nov 2018 15:29

Instrument :

BNA_F

ClientSampled :

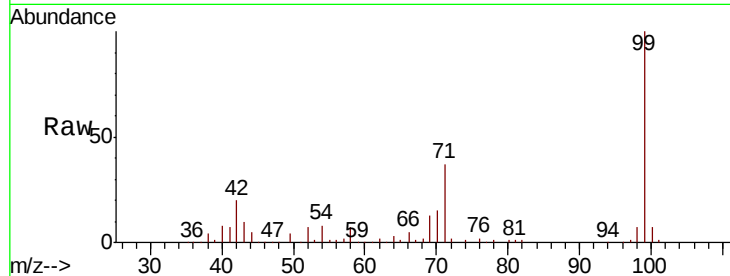
Tot Ion: 99 Resp: 397318

Ion Ratio Lower Upper

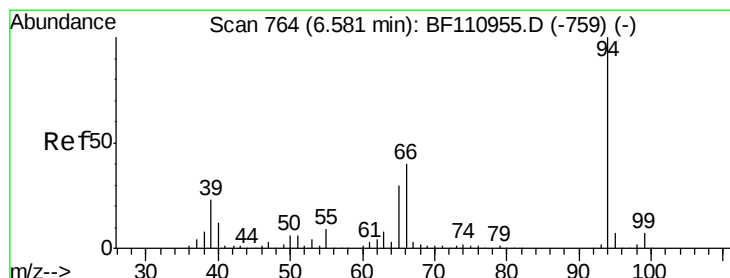
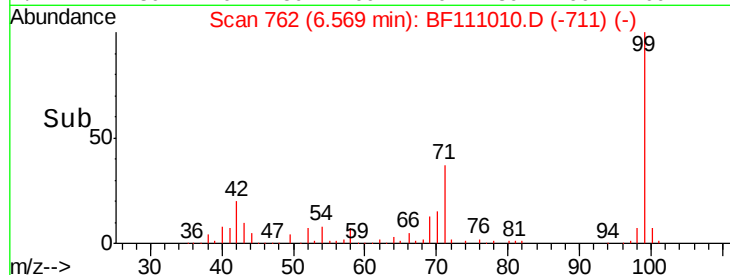
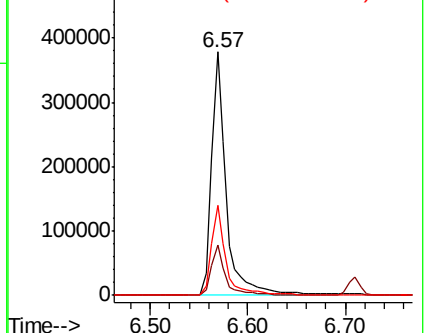
99 100

42 20.4 15.8 23.6

71 37.0 28.0 42.0



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: 5.547 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111010.D

Acq: 27 Nov 2018 15:29

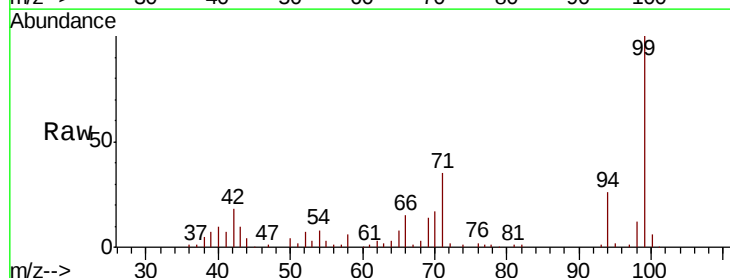
Tgt Ion: 94 Resp: 23492

Ion Ratio Lower Upper

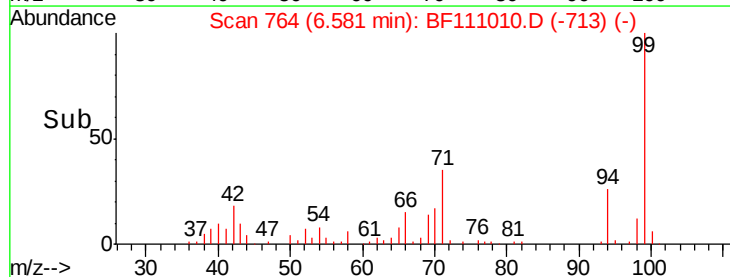
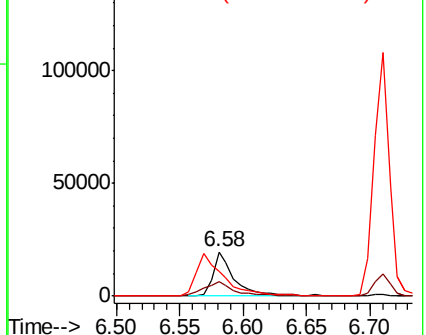
94 100

65 31.8 25.3 65.3

66 56.8 54.5 94.5



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

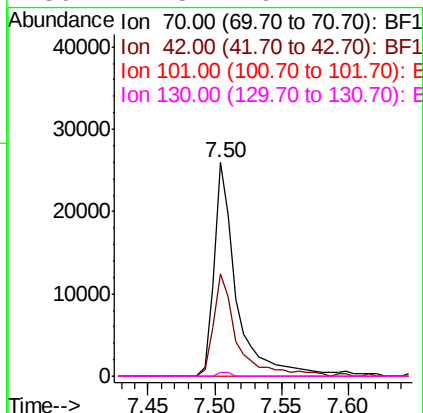
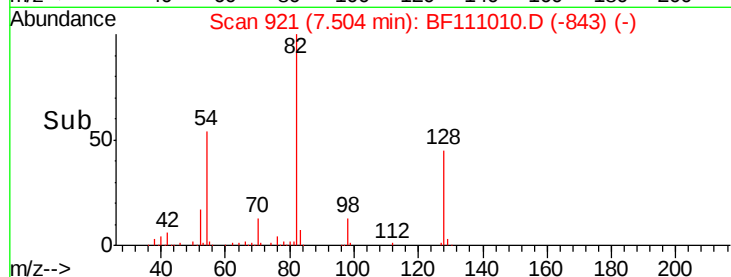
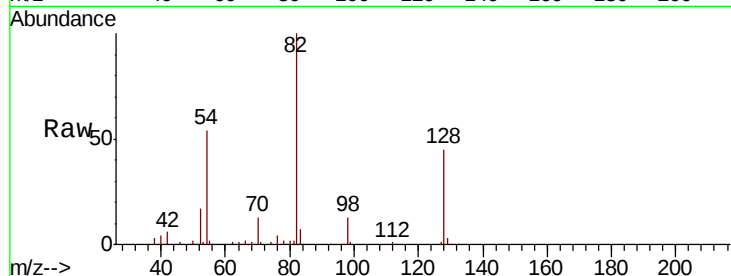




#19
n-Nitroso-di-n-propylamine
Concen: 12.570 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

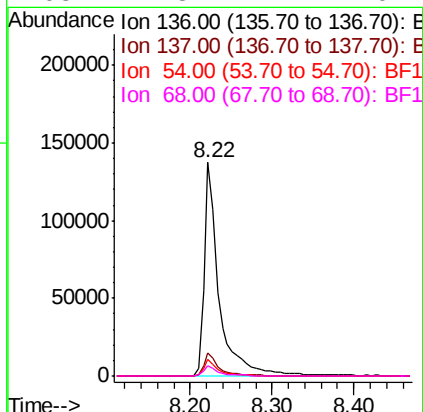
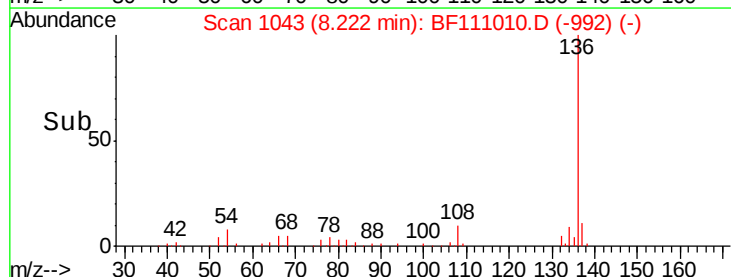
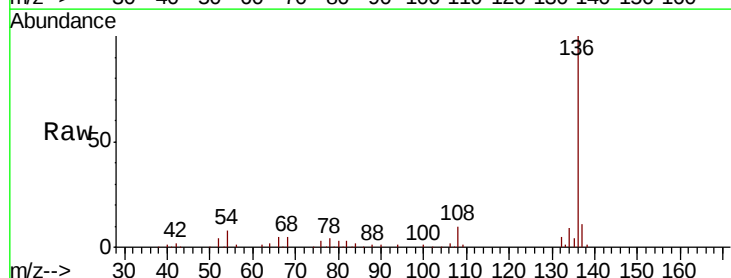
Instrument :
BNA_F
ClientSampleId :

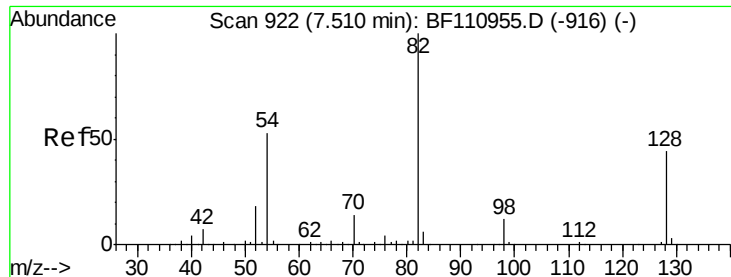
Tot Ion: 70 Resp: 30791
Ion Ratio Lower Upper
70 100
42 47.7 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Tgt Ion: 136 Resp: 176090
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 5.4 8.2
68 4.8 4.2 6.2

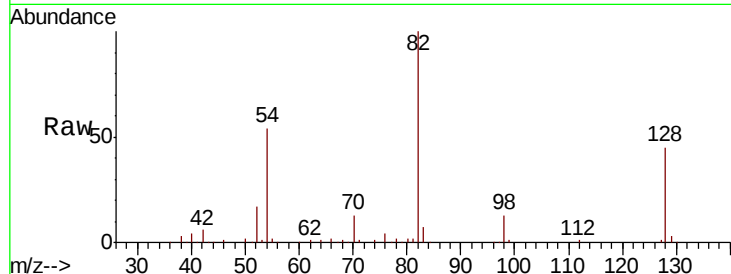




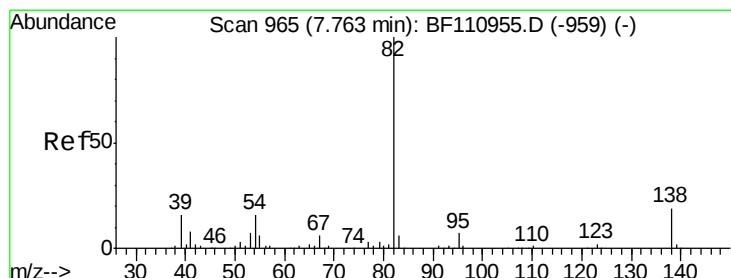
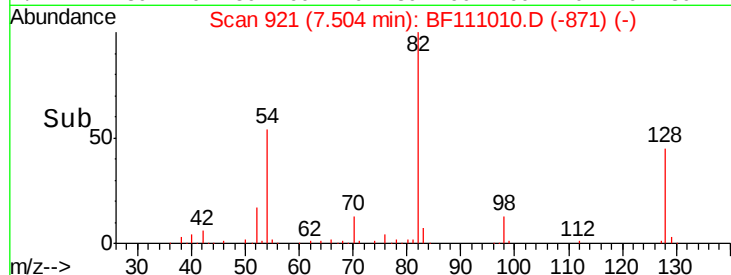
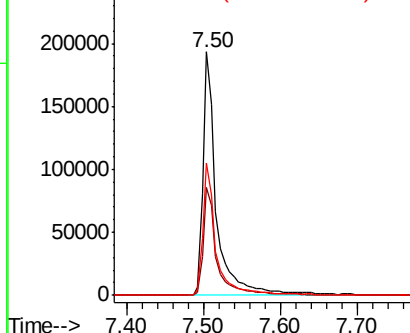
#23
Nitrobenzene-d5
Concen: 77.329 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	237928
Ion Ratio	100	Lower	Upper
128	44.6	34.2	51.2
54	54.2	38.6	58.0

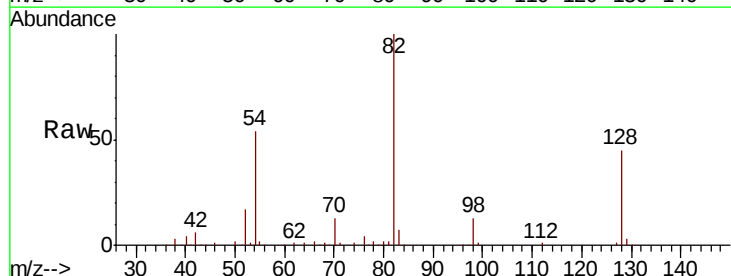


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

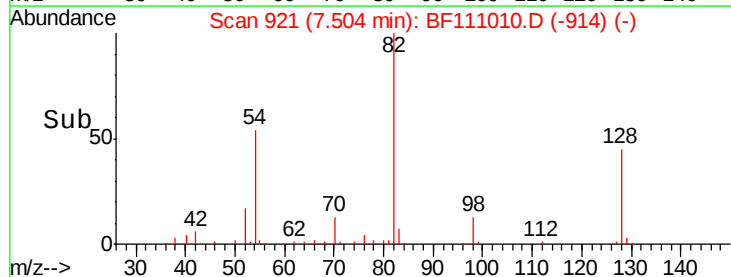
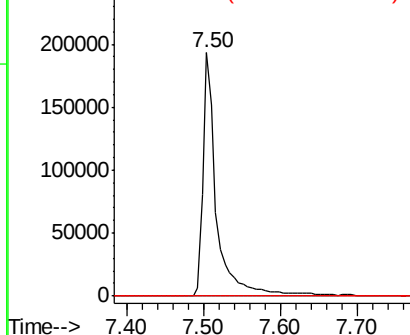


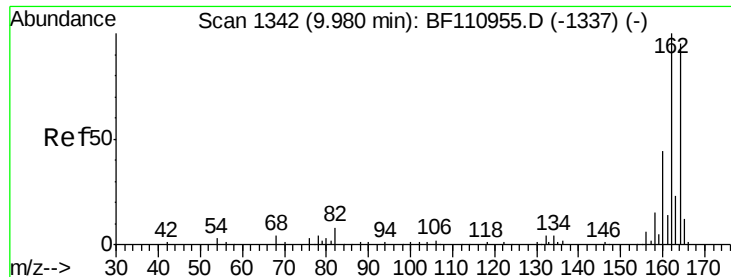
#25
Isophorone
Concen: 47.141 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Tgt Ion	82	Resp	237928
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

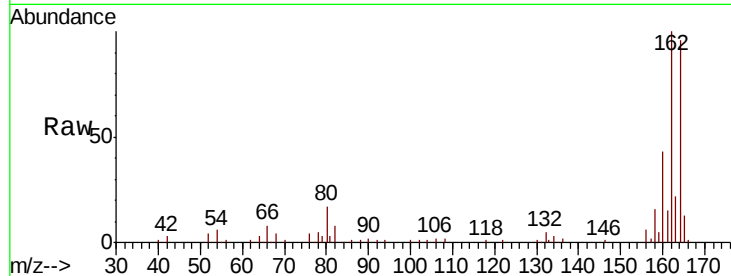




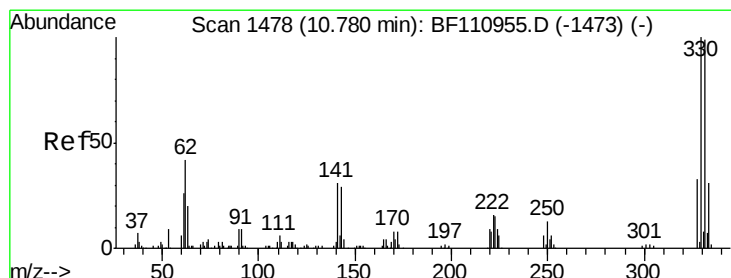
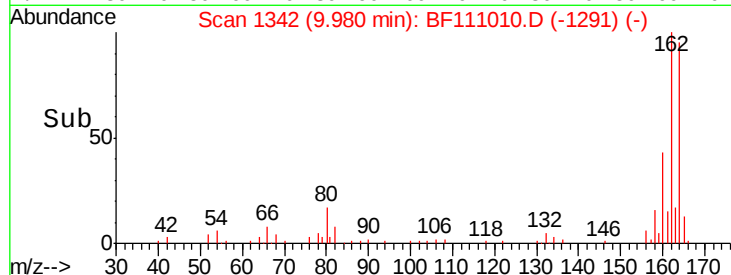
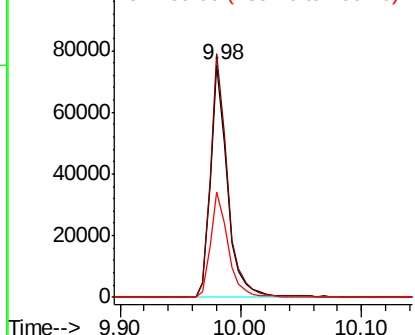
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 72812
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 45.3 37.0 55.6

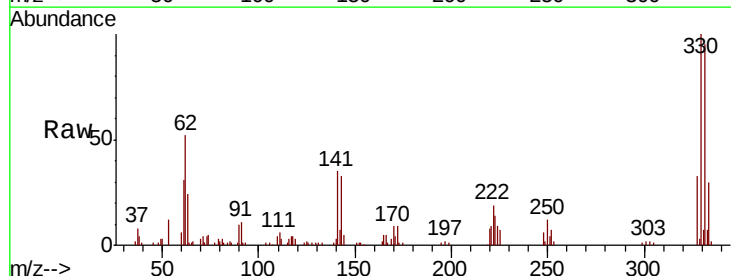


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

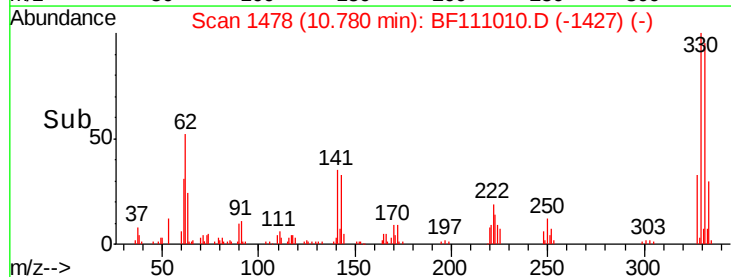
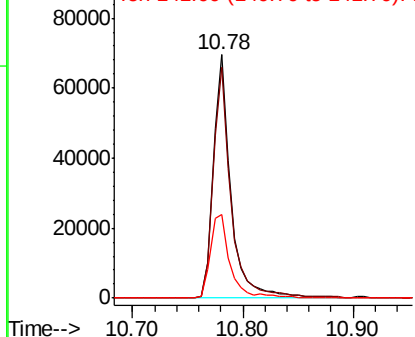


#42
2,4,6-Tribromophenol
Concen: 104.797 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Tgt Ion:330 Resp: 75781
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 38.3 27.0 40.4



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

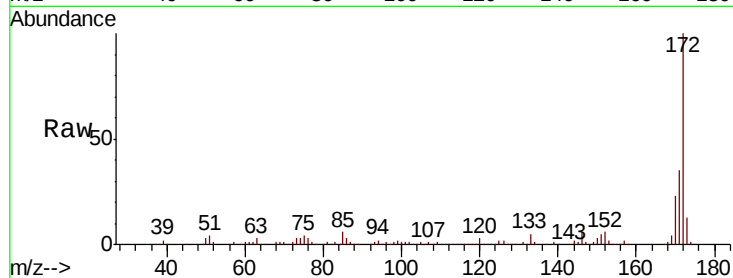




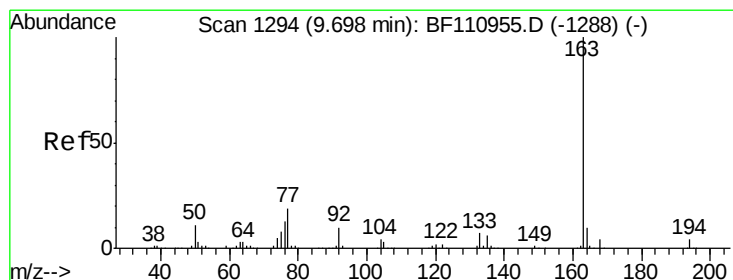
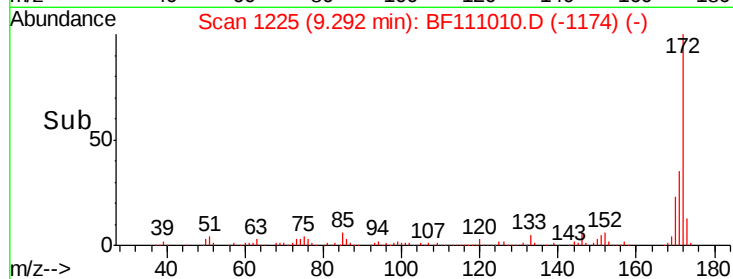
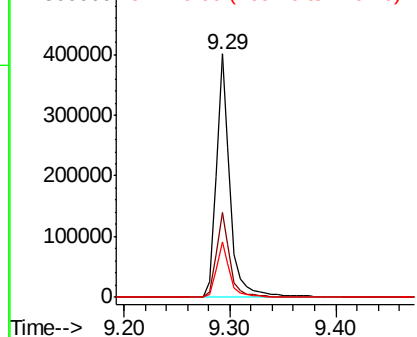
#45
2-Fluorobiphenyl
Concen: 73.486 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 369322
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 22.8 19.7 29.5

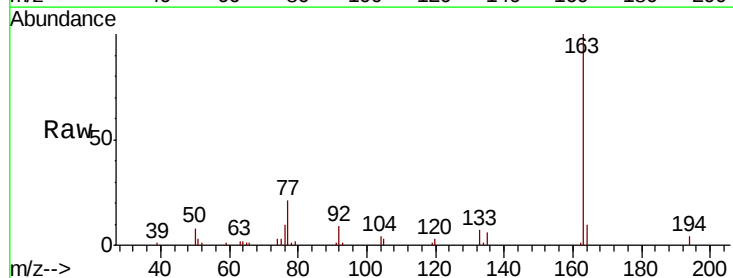


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

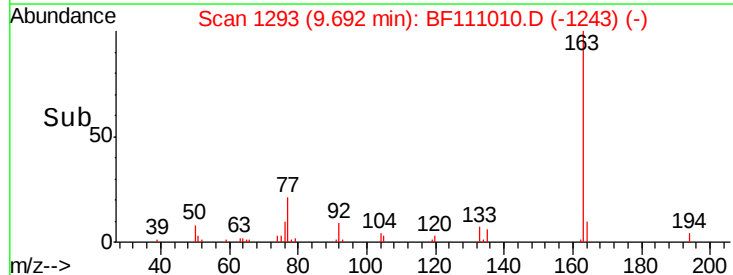
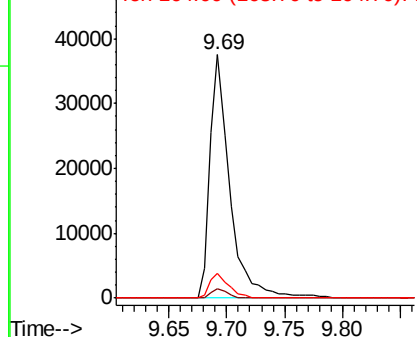


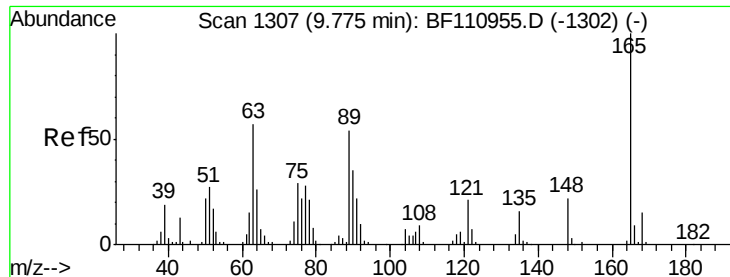
#50
Dimethylphthalate
Concen: 8.457 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Tgt Ion:163 Resp: 45163
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.4 8.1 12.1



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

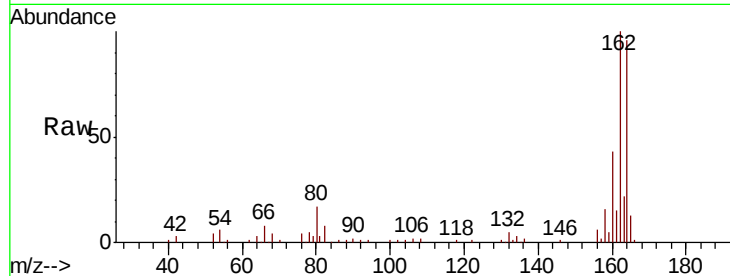




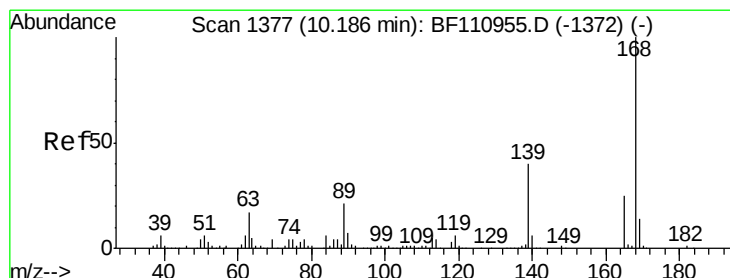
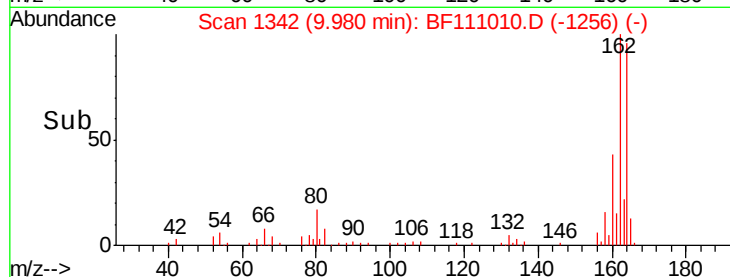
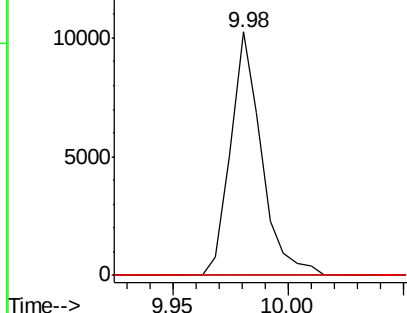
#51
 2,6-Dinitrotoluene
 Concen: 8.031 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111010.D
 Acq: 27 Nov 2018 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



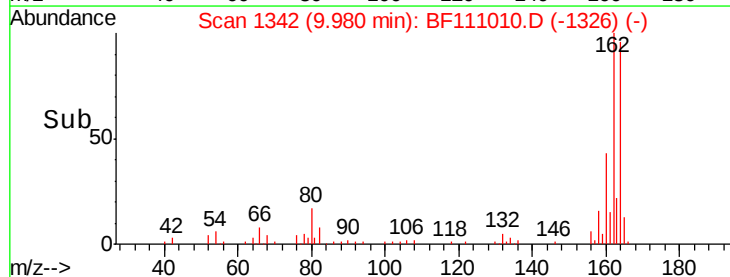
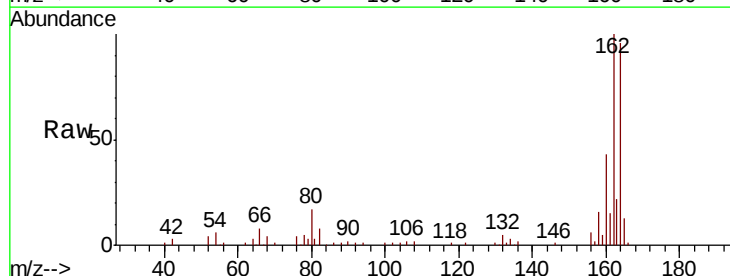
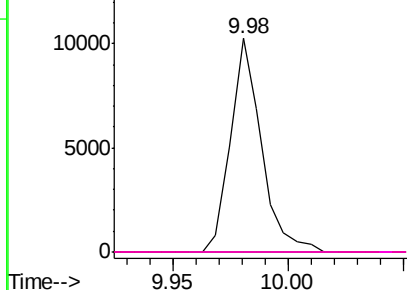
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

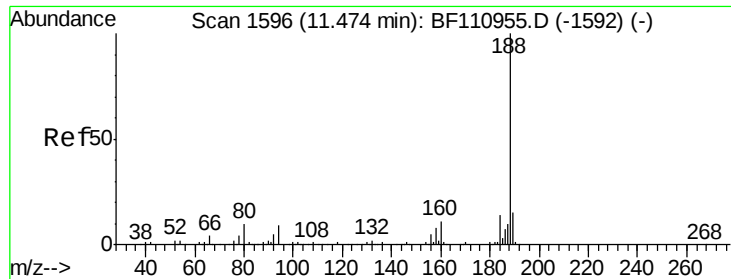


#57
 2,4-Dinitrotoluene
 Concen: 6.190 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF111010.D
 Acq: 27 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

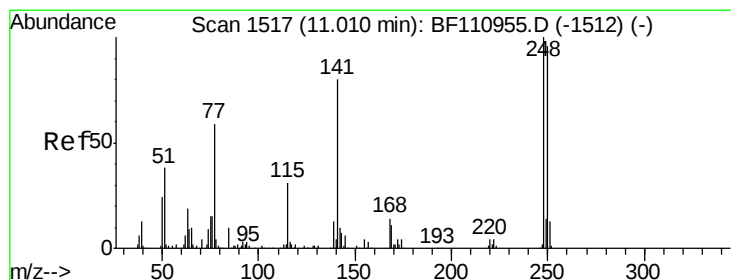
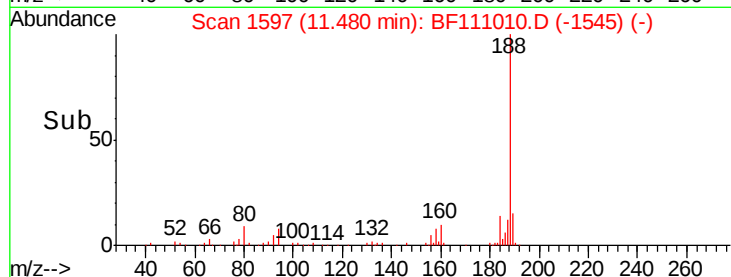
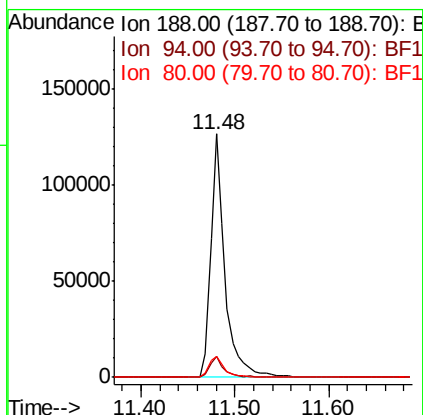
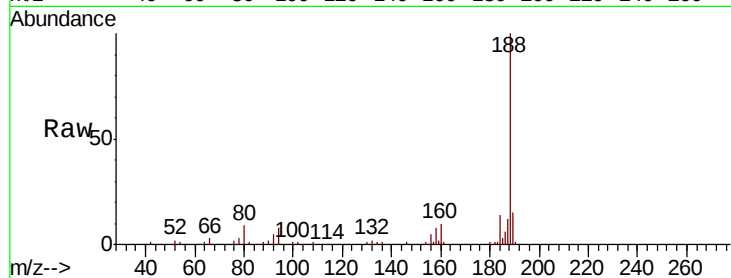




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF111010.D
 Acq: 27 Nov 2018 15:29

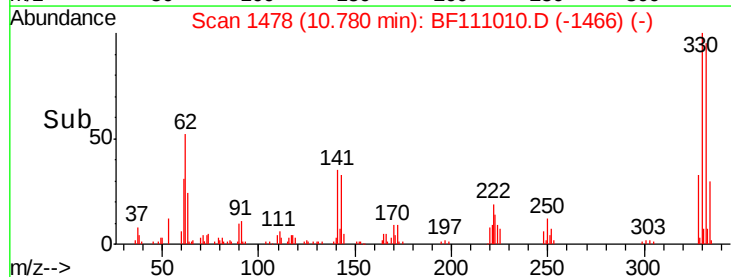
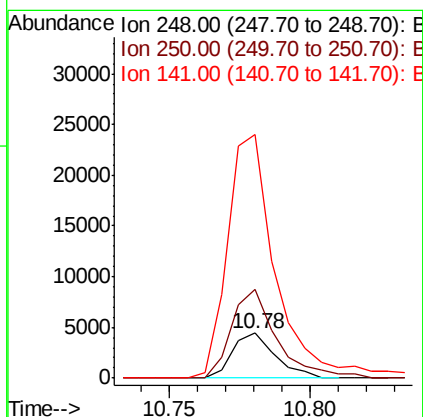
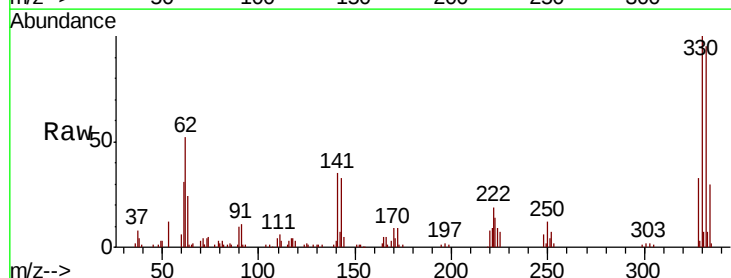
Instrument :
 BNA_F
 ClientSampleId :

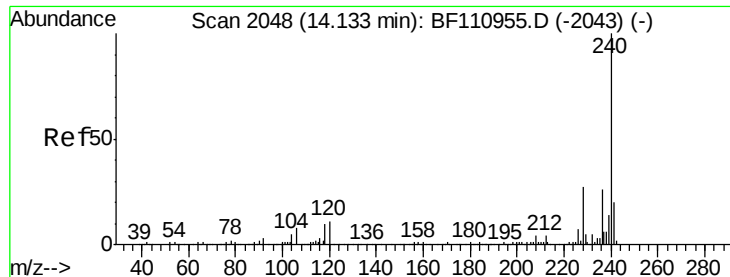
Tot Ion:188 Resp: 134909
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.2 10.8
 80 8.6 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.188 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.23 min
 Lab File: BF111010.D
 Acq: 27 Nov 2018 15:29

Tgt Ion:248 Resp: 4684
 Ion Ratio Lower Upper
 248 100
 250 196.8 79.4 119.2#
 141 543.8 55.9 83.9#

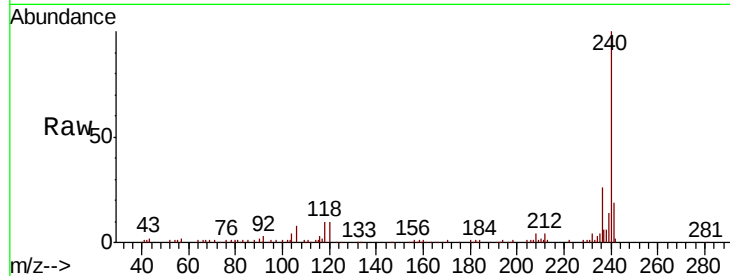




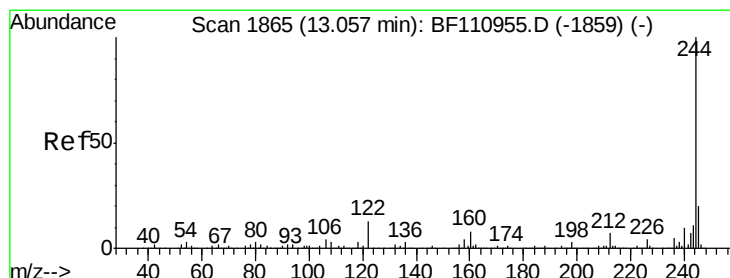
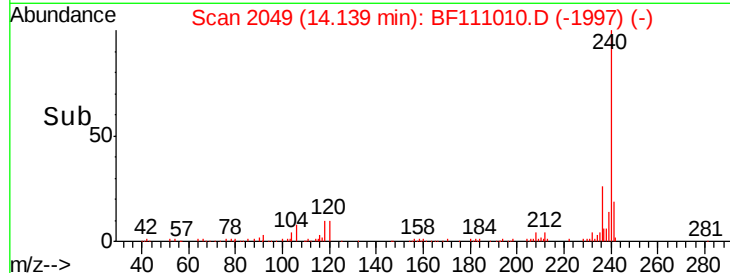
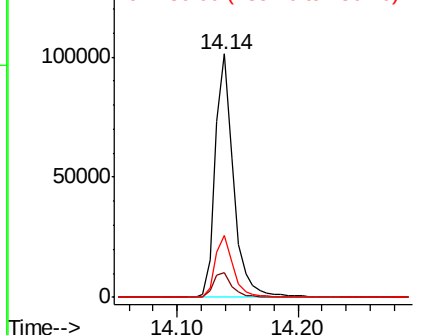
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 104075
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 25.6 21.2 31.8

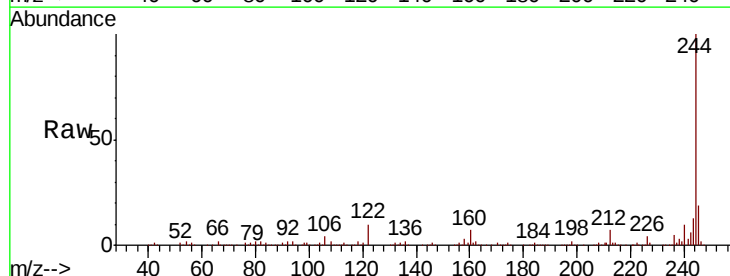


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

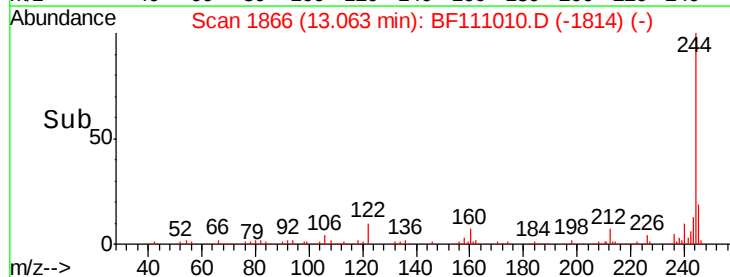
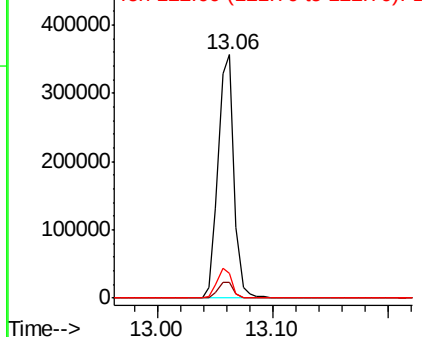


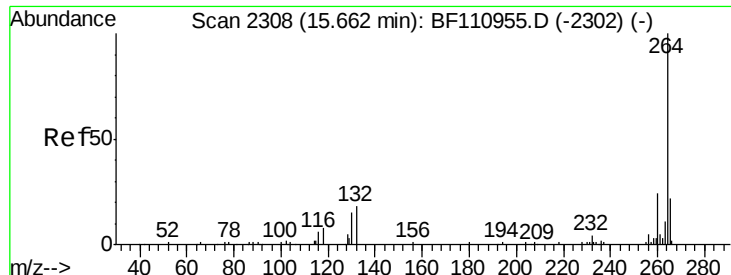
#79
Terphenyl-d14
Concen: 64.298 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Tgt Ion:244 Resp: 343762
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 10.2 8.7 13.1



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

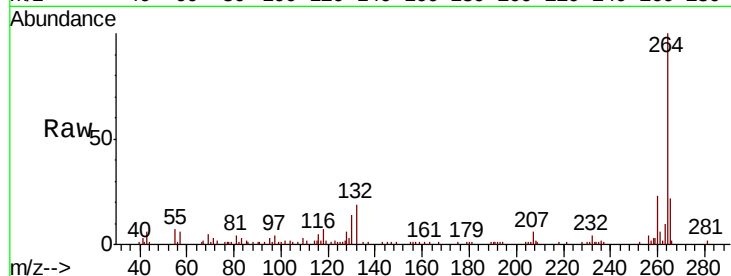




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111010.D
Acq: 27 Nov 2018 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.3	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

