

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082718.D
 Acq On : 4 Nov 2015 23:36
 Operator : UM/IZ
 Sample : G4261-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5WS

Quant Time: Nov 05 04:48:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

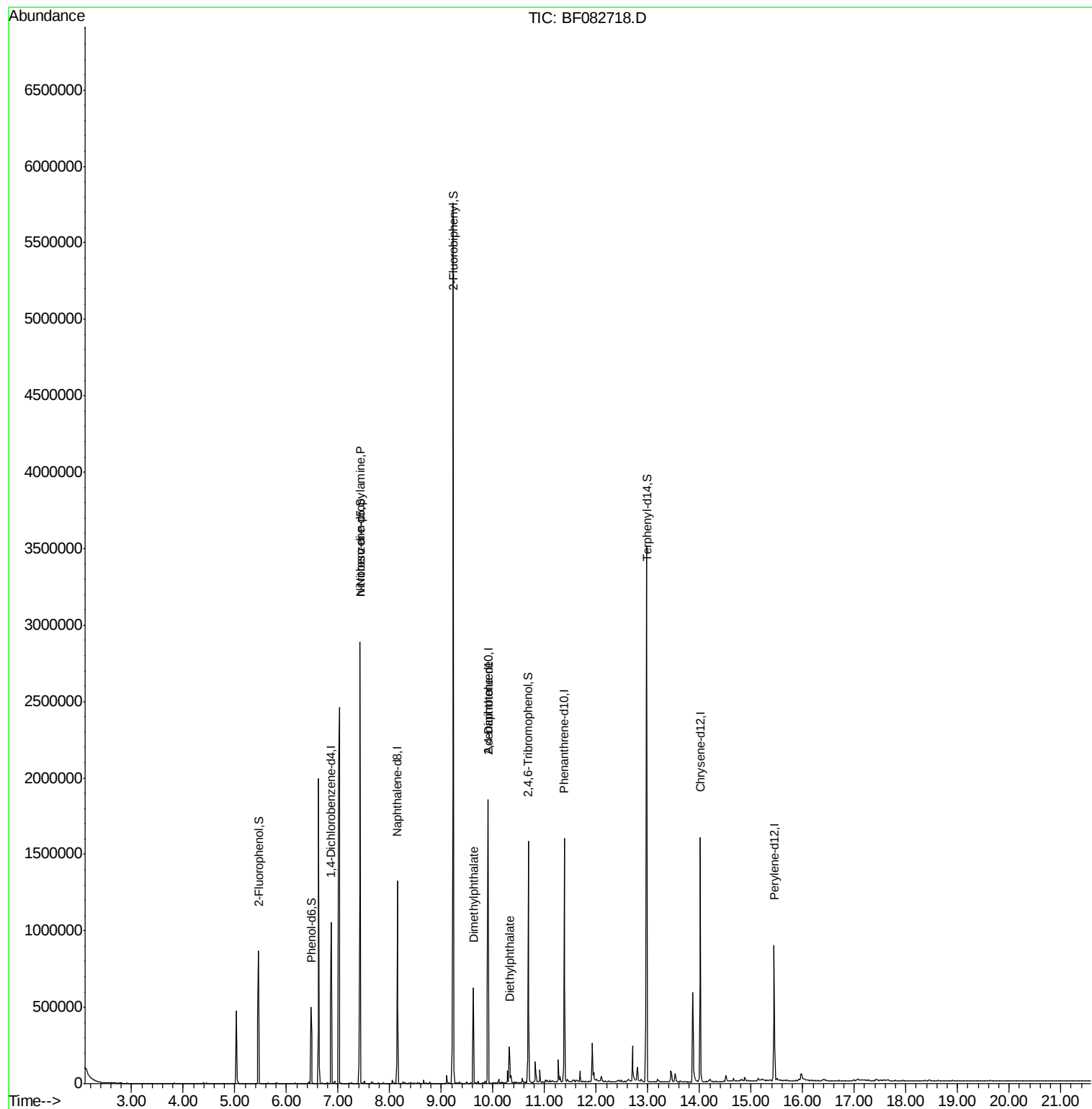
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	177021	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	631253	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	376242	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	627881	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	582088	20.00	ng	-0.03
86) Perylene-d12	15.45	264	410586	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	248522	21.14	ng	-0.01
7) Phenol-d6	6.48	99	197538	12.65	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1032641	66.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	176060	42.76	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1742492	65.76	ng	-0.02
78) Terphenyl-d14	12.98	244	1612038	60.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	143825	12.15	ng	# 68
49) Dimethylphthalate	9.62	163	232095	7.55	ng	97
56) 2,4-Dinitrotoluene	9.90	165	47676	5.54	ng	# 16
59) Diethylphthalate	10.32	149	90019	2.88	ng	95

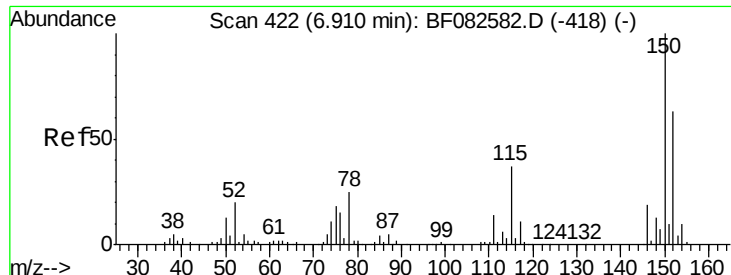
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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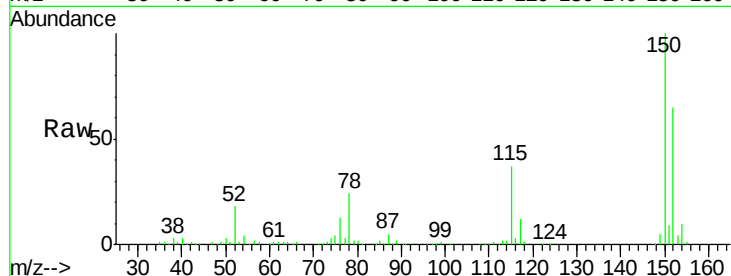




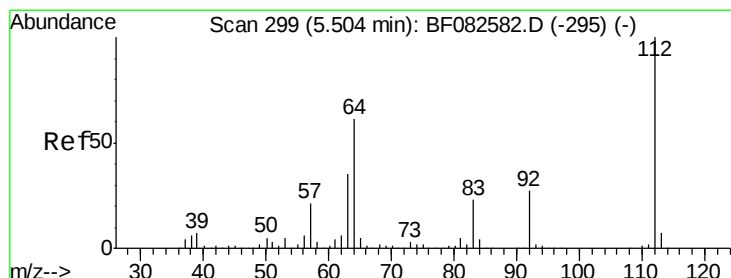
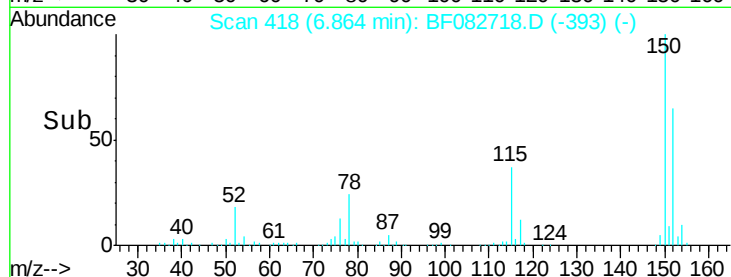
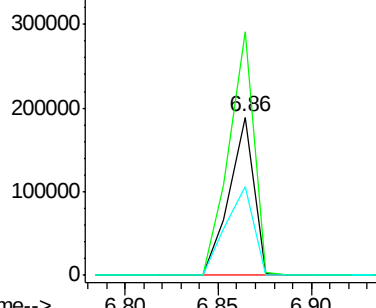
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF082718.D
 Acq: 4 Nov 2015 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-5WS

Tgt Ion:152 Resp: 177021
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.0 190.4
 115 56.4 47.0 70.6

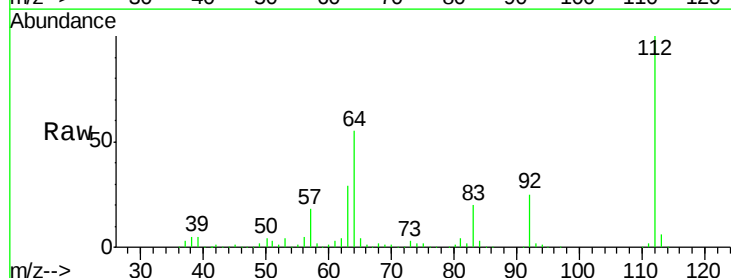


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

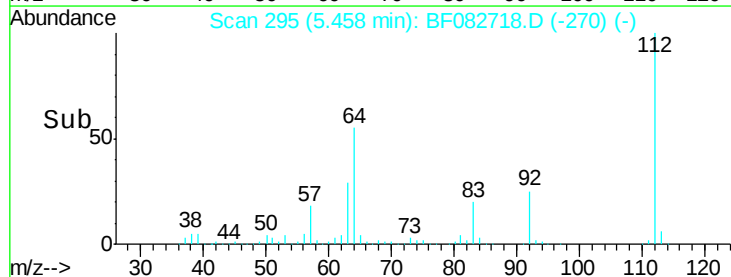
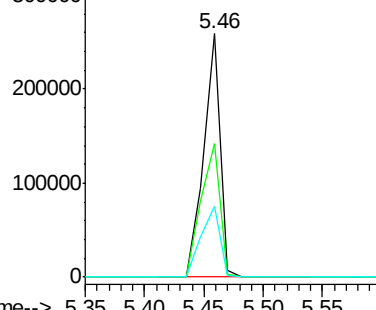


#5
 2-Fluorophenol
 Concen: 21.14 ng
 RT: 5.46 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: BF082718.D
 Acq: 4 Nov 2015 23:36

Tgt Ion:112 Resp: 248522
 Ion Ratio Lower Upper
 112 100
 64 55.0 48.9 73.3
 63 29.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.65 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082718.D

Acq: 4 Nov 2015 23:36

Instrument :

BNA_F

ClientSampleId :

SB-5WS

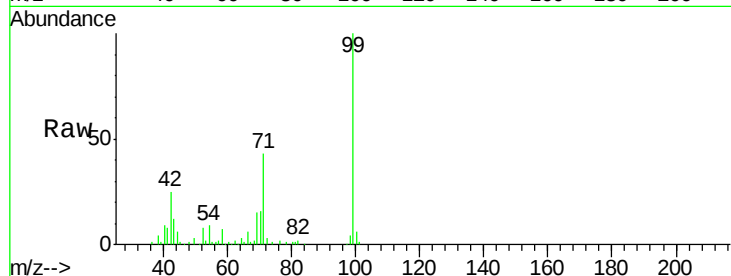
Tgt Ion: 99 Resp: 197538

Ion Ratio Lower Upper

99 100

42 25.1 19.2 28.8

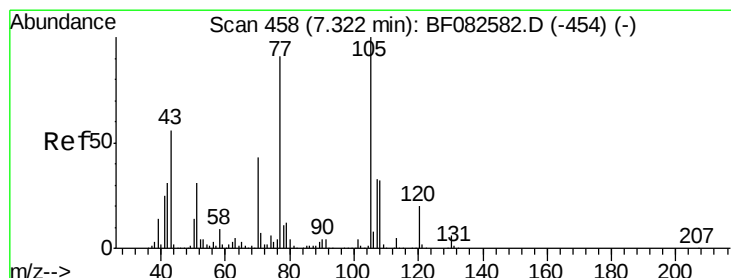
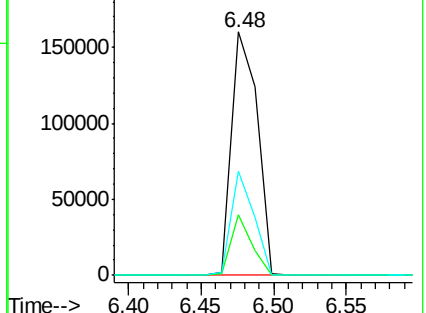
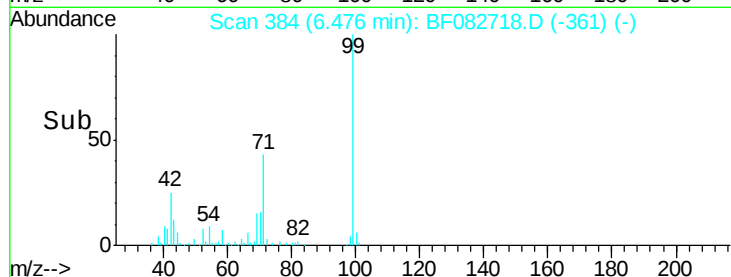
71 42.8 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.15 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082718.D

Acq: 4 Nov 2015 23:36

Tgt Ion: 70 Resp: 143825

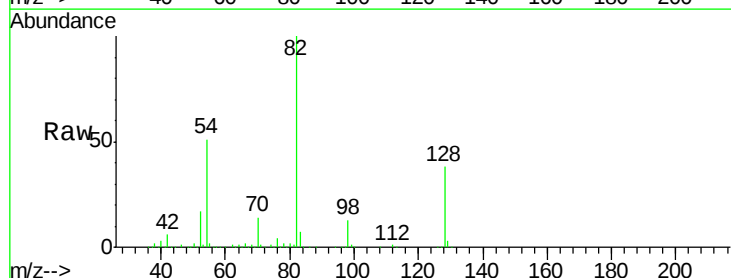
Ion Ratio Lower Upper

70 100

42 44.8 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

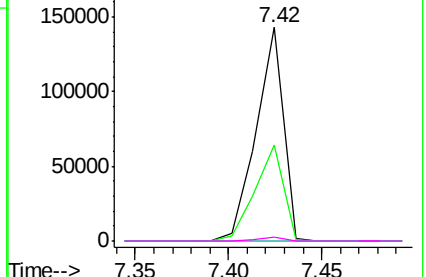
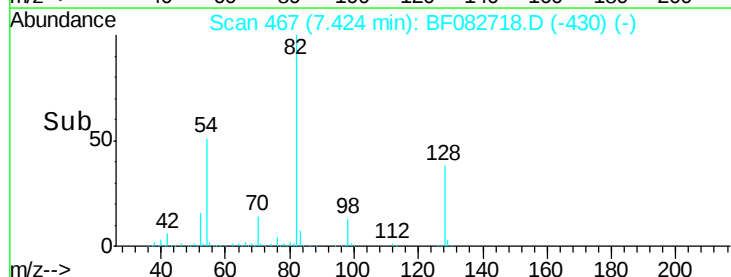


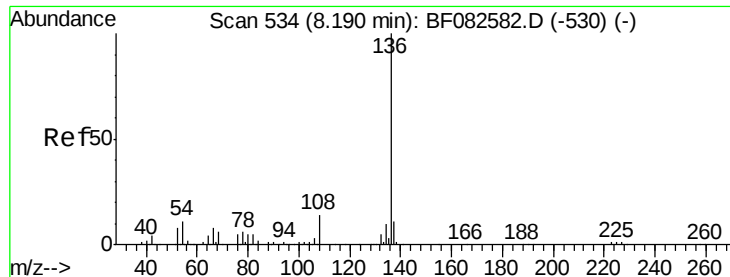
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

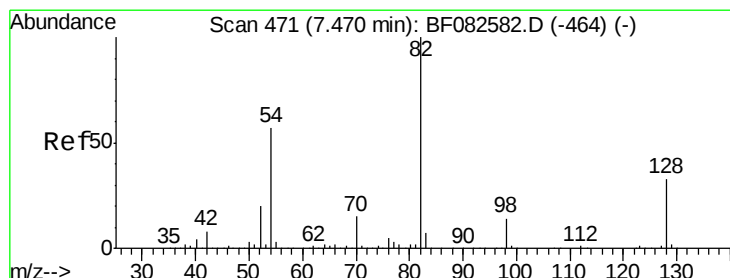
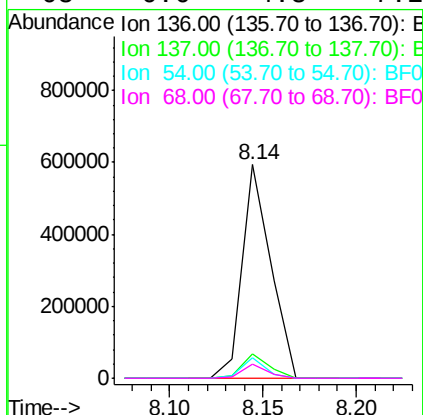
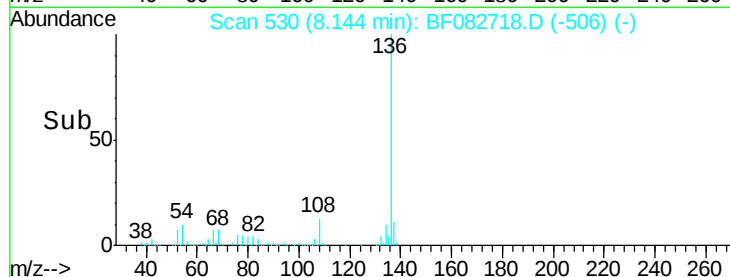
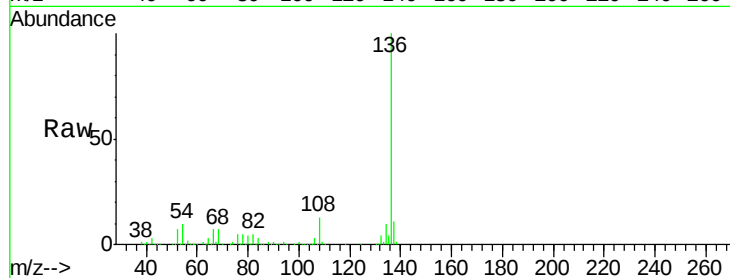




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

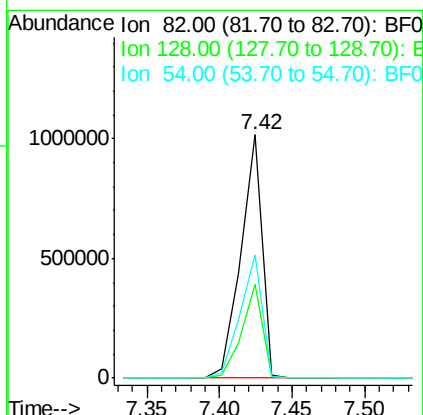
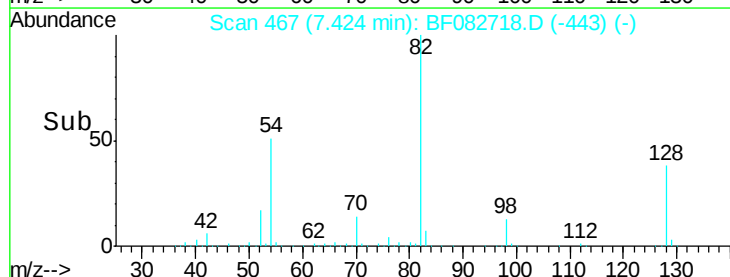
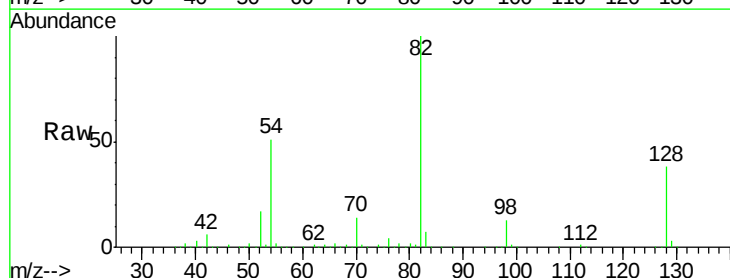
Instrument :
BNA_F
ClientSampleId :
SB-5WS

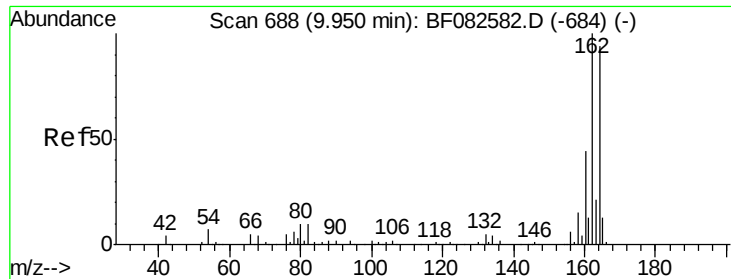
Tgt Ion:	136	Resp:	631253
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.9	9.1	13.7
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 66.80 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

Tgt Ion:	82	Resp:	1032641
Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.8	40.2
54	50.7	45.7	68.5

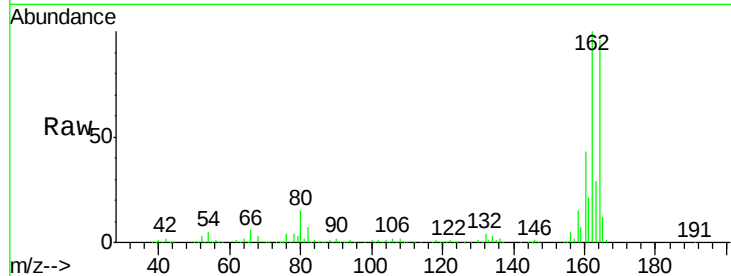




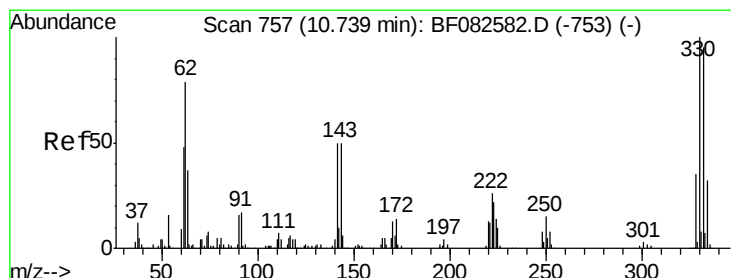
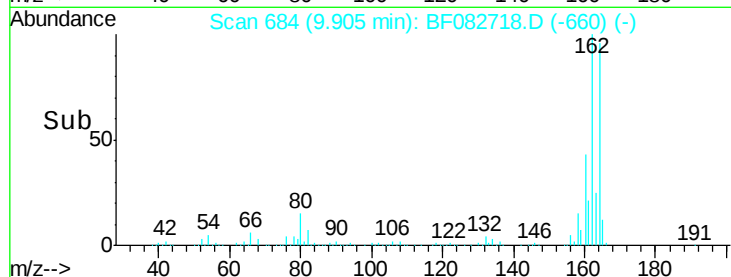
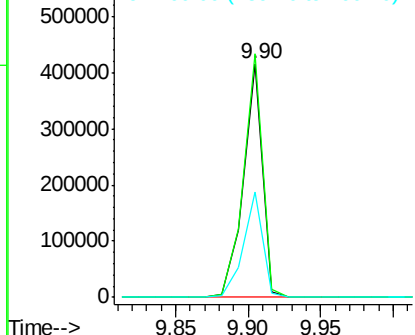
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

Instrument :
BNA_F
ClientSampleId :
SB-5WS

Tgt Ion:164 Resp: 376242
Ion Ratio Lower Upper
164 100
162 104.3 84.9 127.3
160 45.3 37.5 56.3

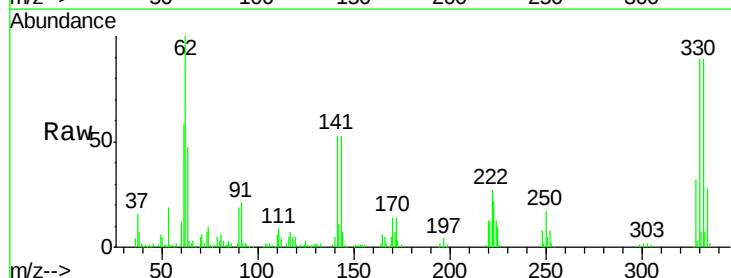


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

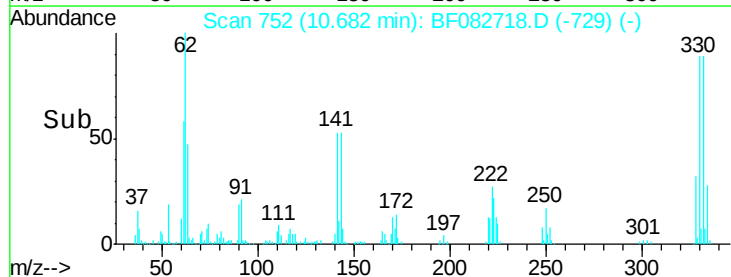
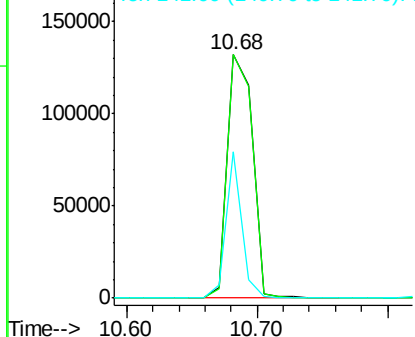


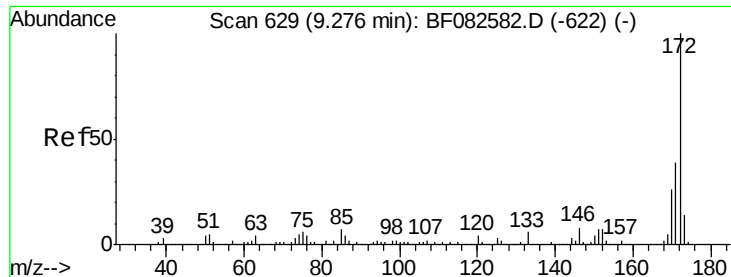
#41
2,4,6-Tribromophenol
Concen: 42.76 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

Tgt Ion:330 Resp: 176060
Ion Ratio Lower Upper
330 100
332 99.4 76.6 114.8
141 38.0 41.2 61.8#



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

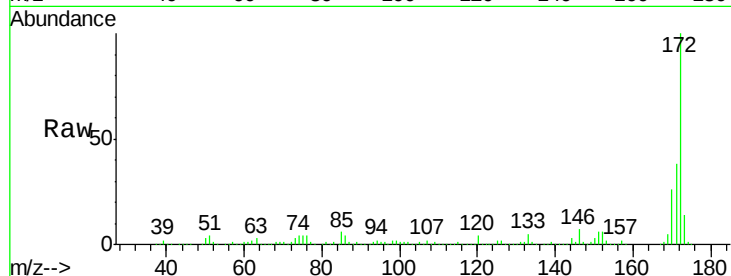




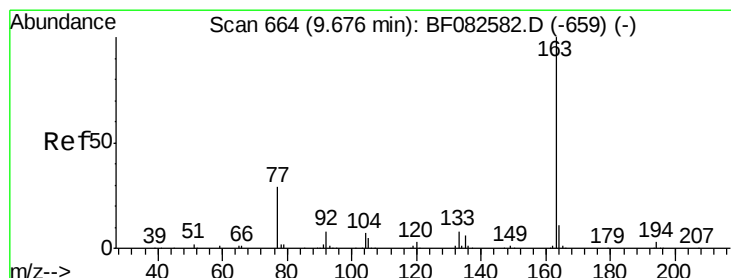
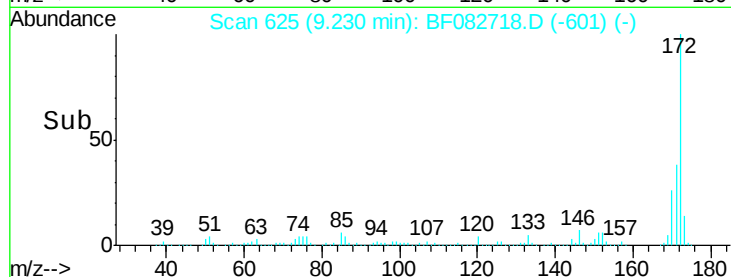
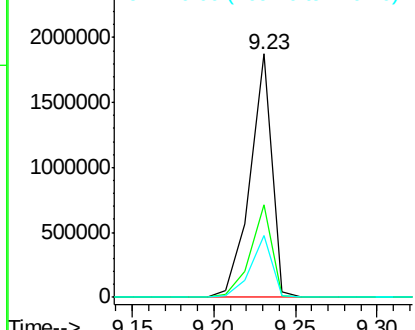
#44
 2-Fluorobiphenyl
 Concen: 65.76 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082718.D
 Acq: 4 Nov 2015 23:36

Instrument :
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 ClientSampleId :
 SB-5WS

Tgt Ion:172 Resp: 1742492
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.5 21.2 31.8

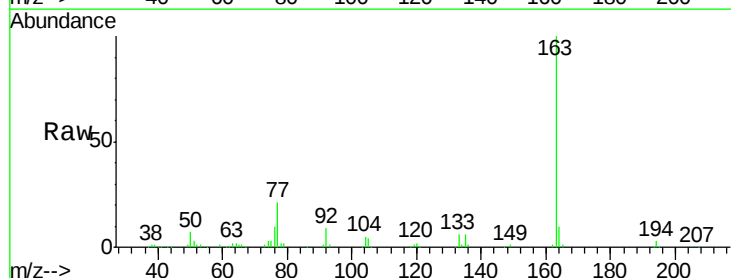


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

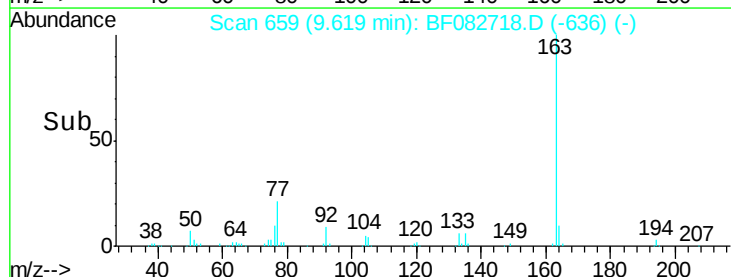
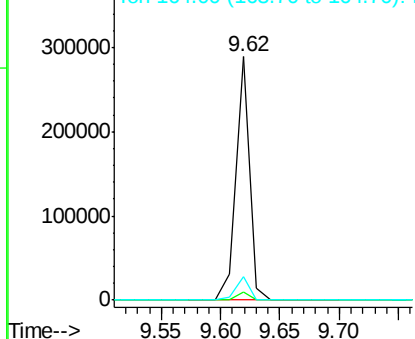


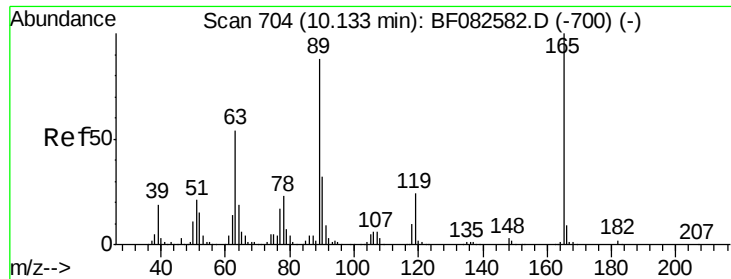
#49
 Dimethylphthalate
 Concen: 7.55 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082718.D
 Acq: 4 Nov 2015 23:36

Tgt Ion:163 Resp: 232095
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.5 8.7 13.1



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

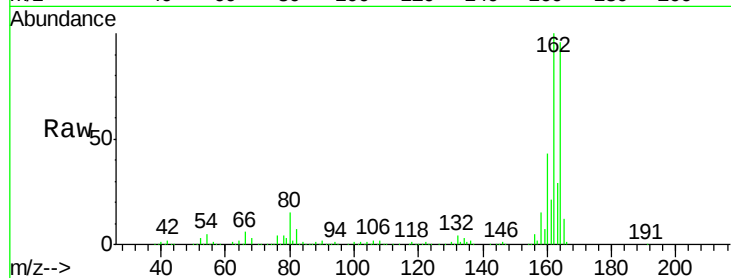




#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

Instrument :
BNA_F
ClientSampleId :
SB-5WS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	2.0	70.6	106.0#
182	0.0	1.5	2.3#

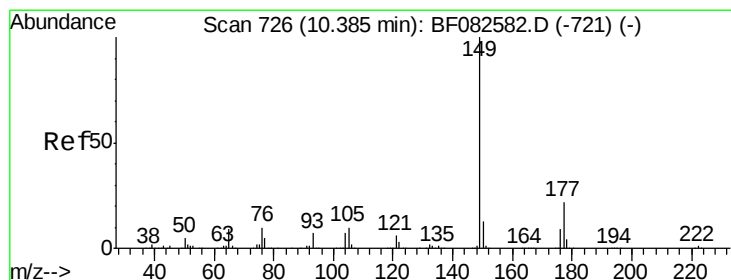
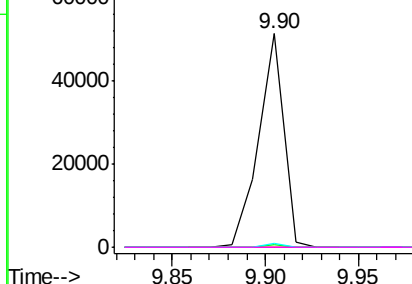
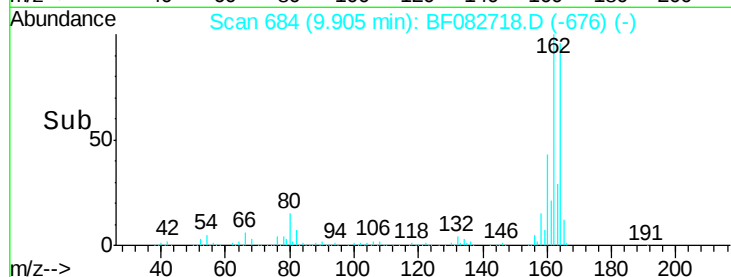


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

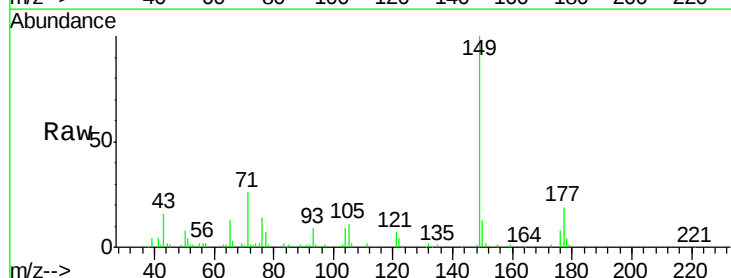
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 2.88 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

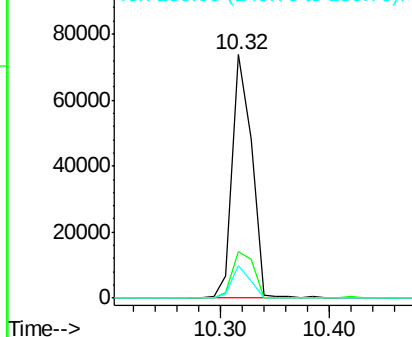
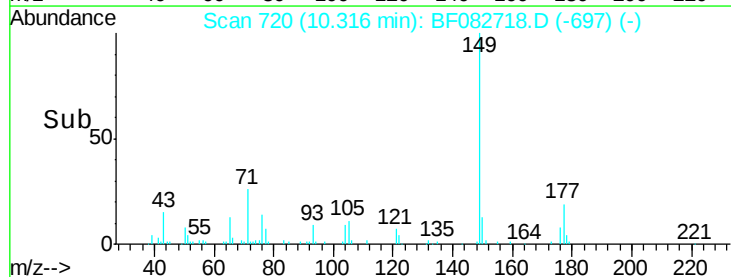
Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.3	17.9	26.9
150	13.5	10.1	15.1

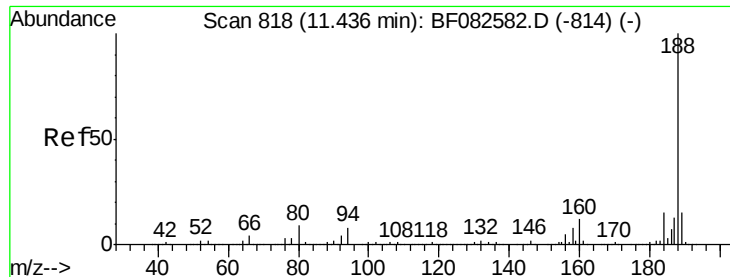


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

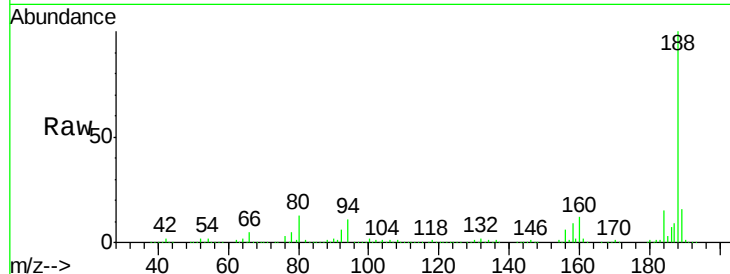




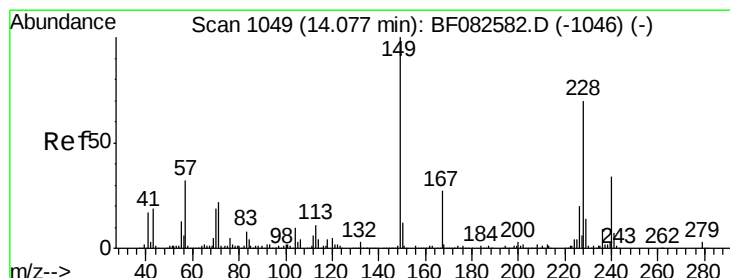
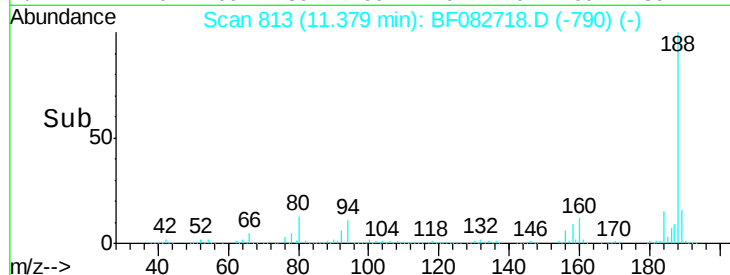
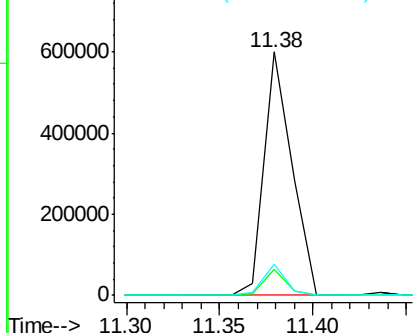
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

Instrument :
BNA_F
ClientSampleId :
SB-5WS

Tgt Ion:188 Resp: 627881
Ion Ratio Lower Upper
188 100
94 10.7 6.1 9.1#
80 12.6 7.0 10.6#

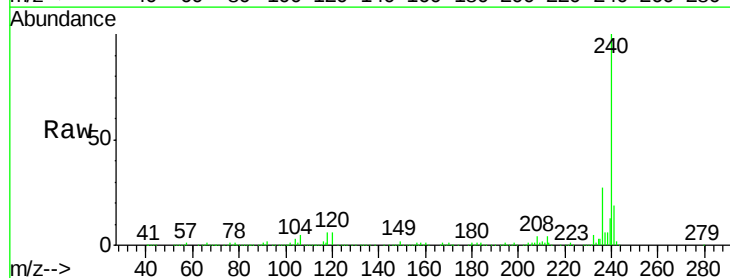


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

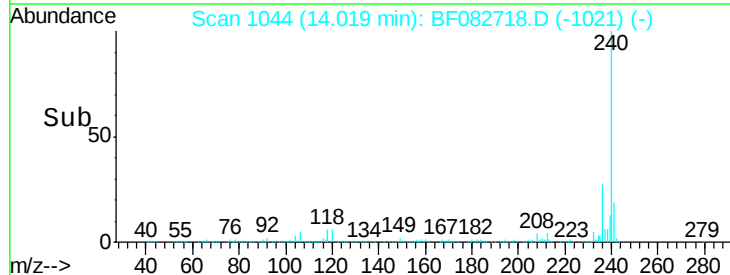
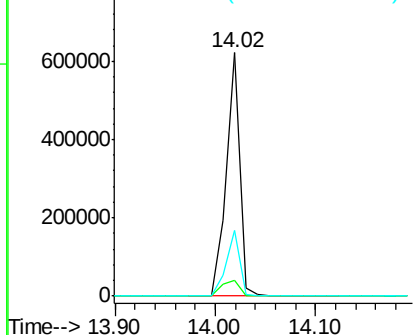


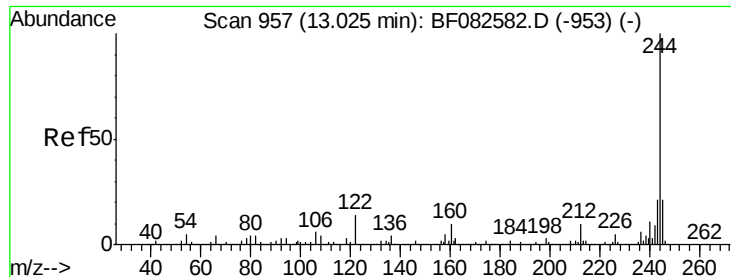
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082718.D
Acq: 4 Nov 2015 23:36

Tgt Ion:240 Resp: 582088
Ion Ratio Lower Upper
240 100
120 6.4 10.9 16.3#
236 27.0 21.6 32.4



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

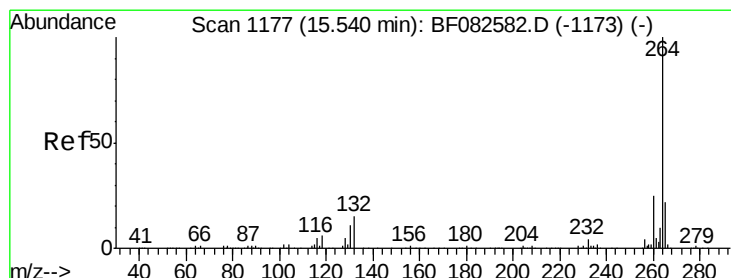
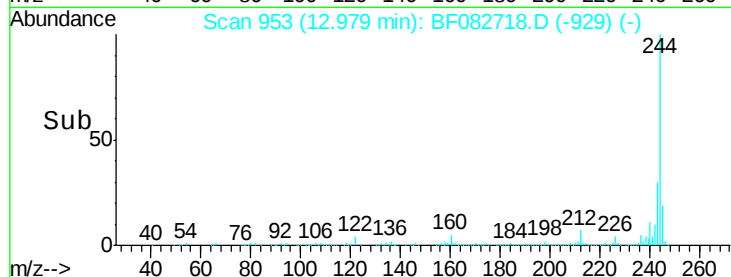
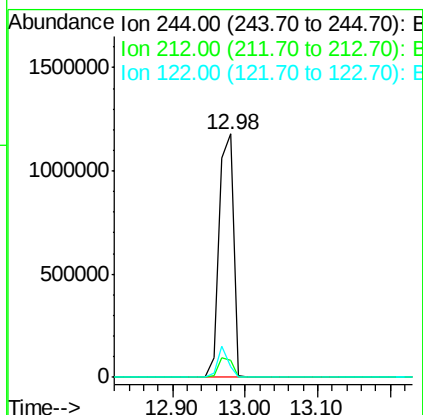
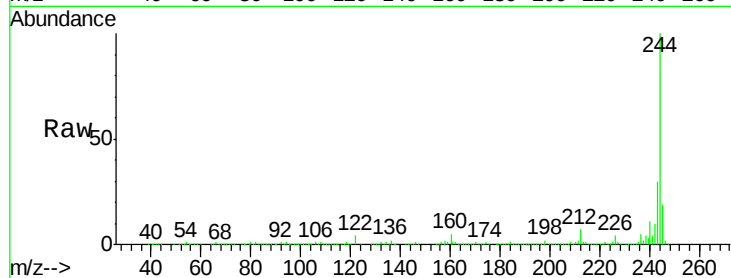




#78
 Terphenyl-d14
 Concen: 60.61 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082718.D
 Acq: 4 Nov 2015 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-5WS

Tgt Ion:244 Resp: 1612038
 Ion Ratio Lower Upper
 244 100
 212 6.9 7.6 11.4#
 122 4.1 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF082718.D
 Acq: 4 Nov 2015 23:36

Tgt Ion:264 Resp: 410586
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 21.9 17.4 26.0

