

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082705.D
 Acq On : 4 Nov 2015 17:16
 Operator : UM/IZ
 Sample : G4240-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(2-4)

Quant Time: Nov 05 05:48:42 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

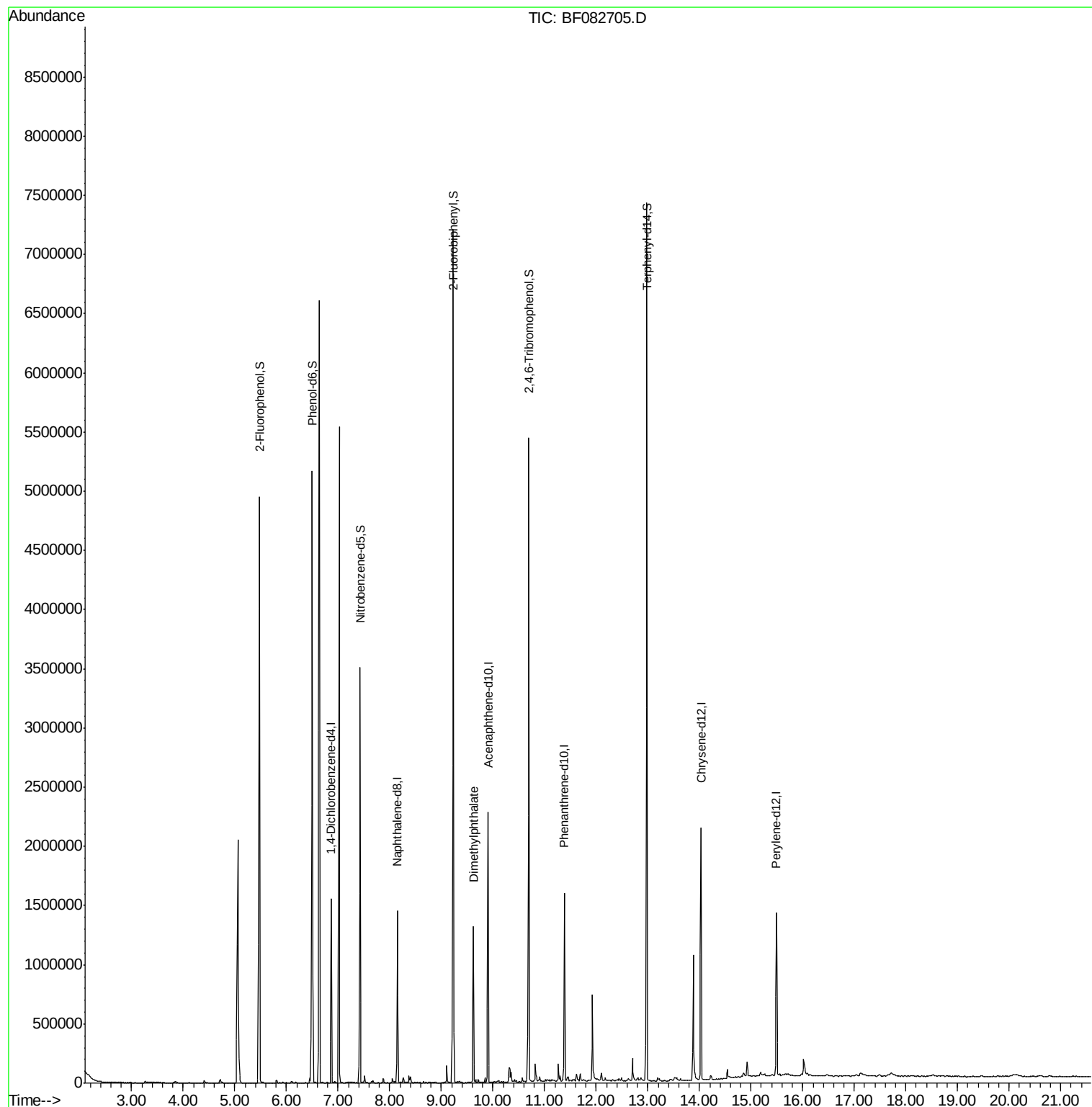
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	208604	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	758355	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	457024	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	824750	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	851153	20.00	ng	-0.02
86) Perylene-d12	15.49	264	650675	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1832975	132.34	ng	0.01
7) Phenol-d6	6.50	99	2007921	109.13	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1399292	75.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	618946	123.75	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2226506	69.17	ng	-0.02
78) Terphenyl-d14	12.98	244	2324209	59.76	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.62	163	478165	12.81	ng	Qvalue 99

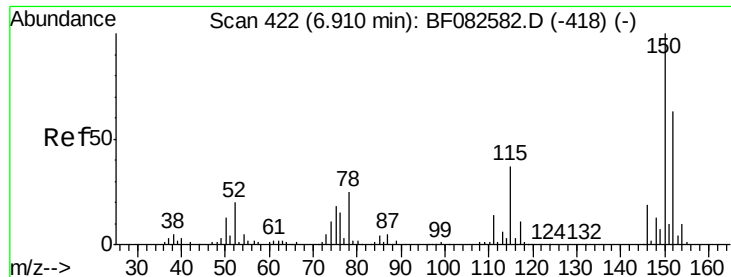
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082705.D

Acq: 4 Nov 2015 17:16

Instrument :

BNA_F

ClientSampleId :

SB-02(2-4)

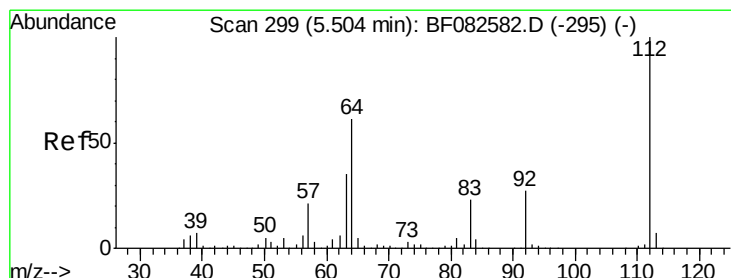
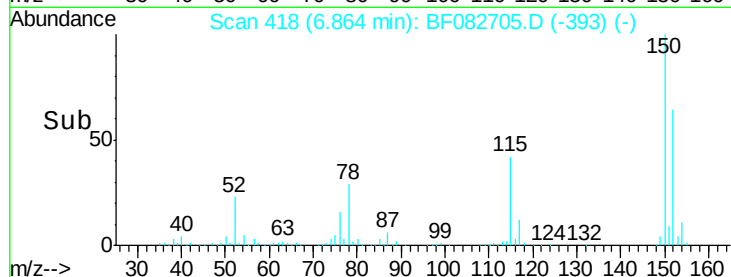
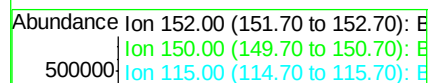
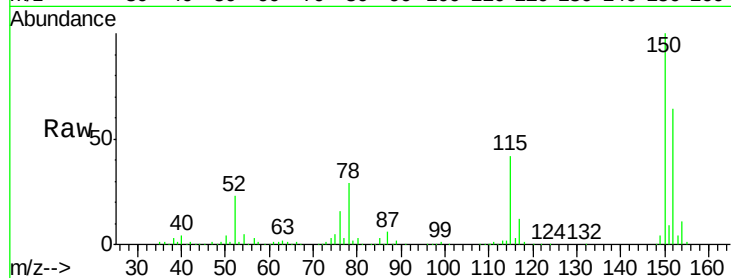
Tot Ion:152 Resp: 208604

Ion Ratio Lower Upper

152 100

150 156.1 127.0 190.4

115 65.0 47.0 70.6



#5

2-Fluorophenol

Concen: 132.34 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

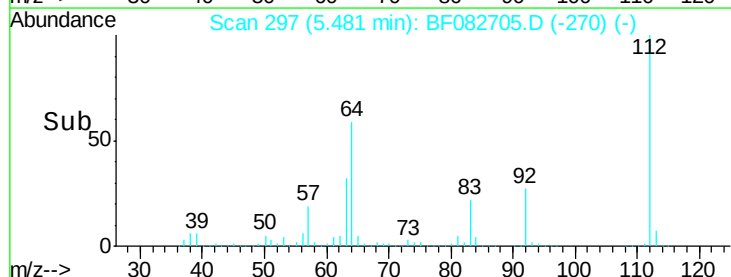
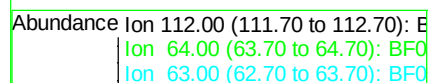
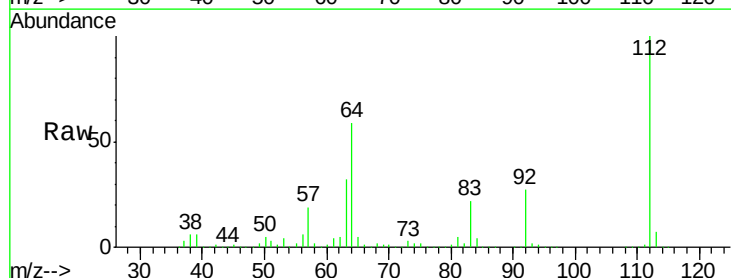
Tgt Ion:112 Resp: 1832975

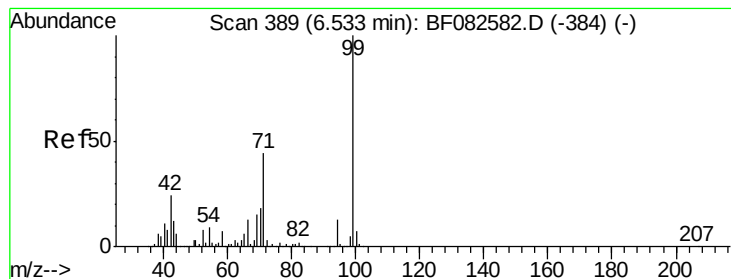
Ion Ratio Lower Upper

112 100

64 59.0 48.9 73.3

63 32.3 28.1 42.1





#7

Phenol-d6

Concen: 109.13 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

Instrument :

BNA_F

ClientSampleId :

SB-02(2-4)

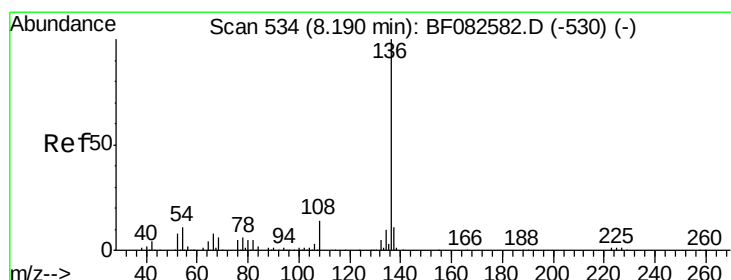
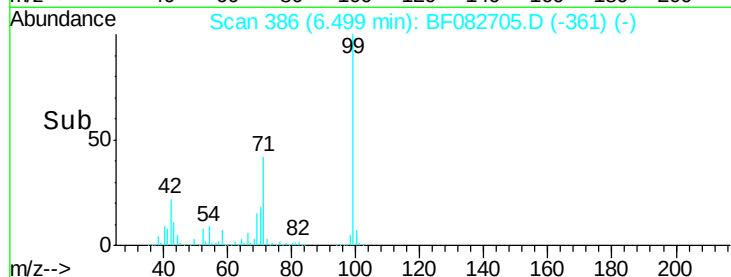
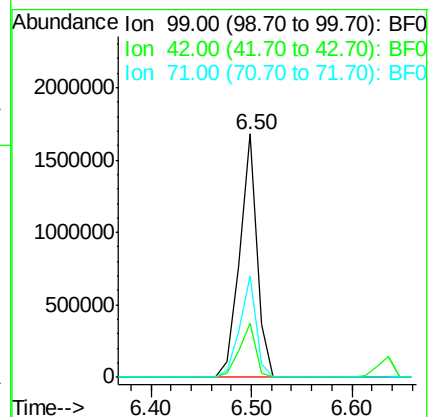
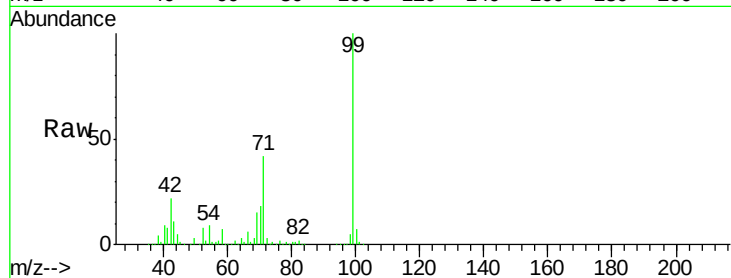
Tot Ion: 99 Resp: 2007921

Ion Ratio Lower Upper

99 100

42 22.2 19.2 28.8

71 41.6 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

Tgt Ion: 136 Resp: 758355

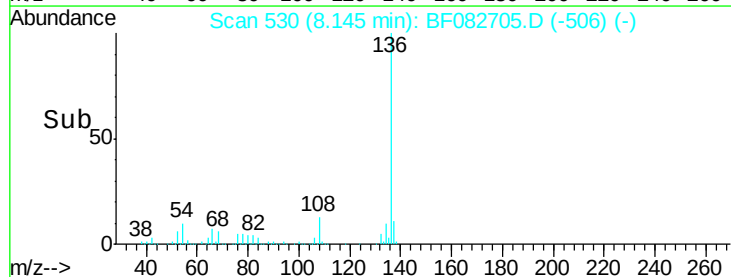
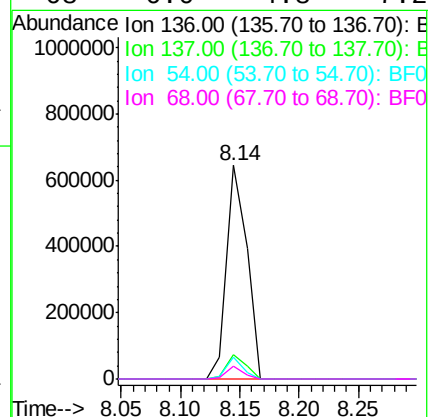
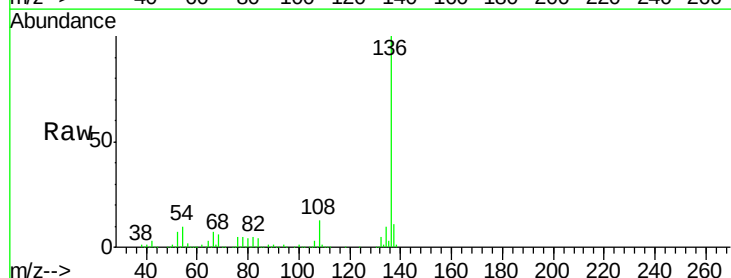
Ion Ratio Lower Upper

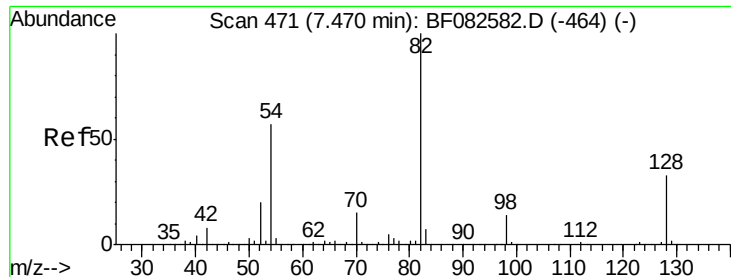
136 100

137 11.3 9.1 13.7

54 10.4 9.1 13.7

68 6.0 4.8 7.2

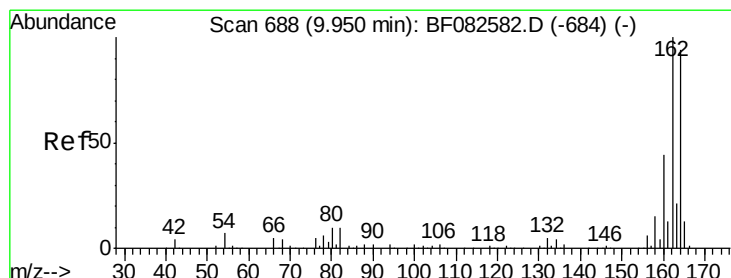
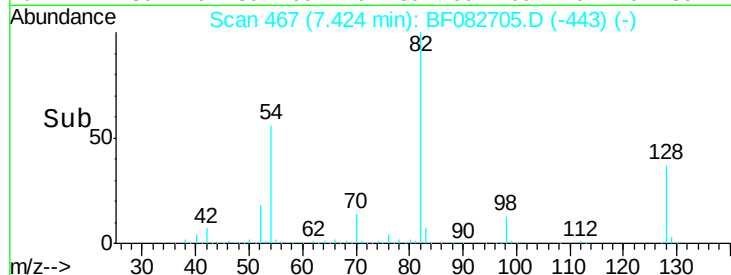
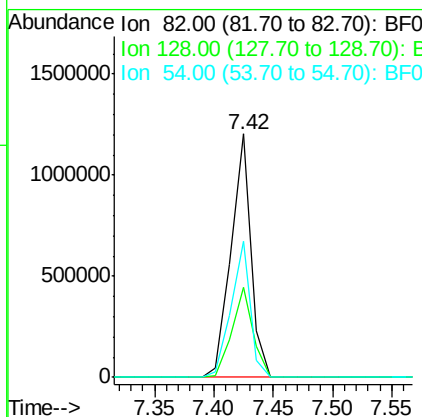
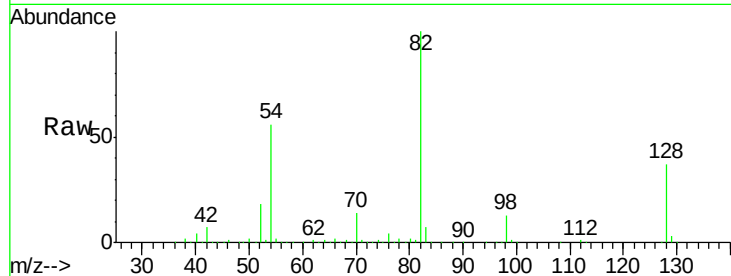




#23
 Nitrobenzene-d5
 Concen: 75.35 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

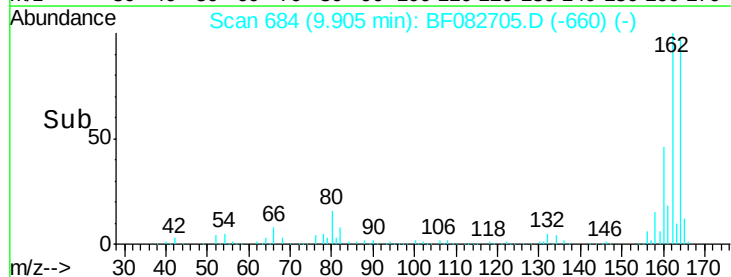
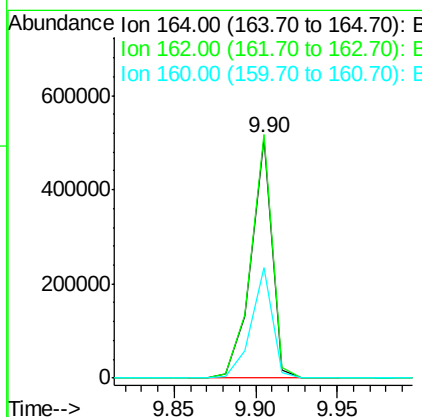
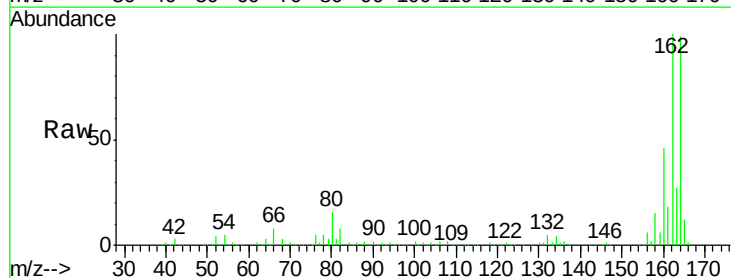
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(2-4)

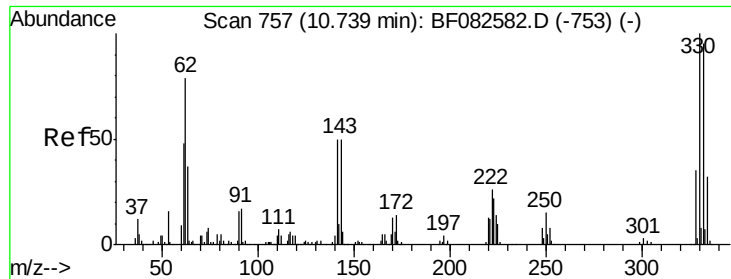
Tot Ion: 82 Resp: 1399292
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 55.6 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

Tgt Ion: 164 Resp: 457024
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.9 127.3
 160 46.2 37.5 56.3

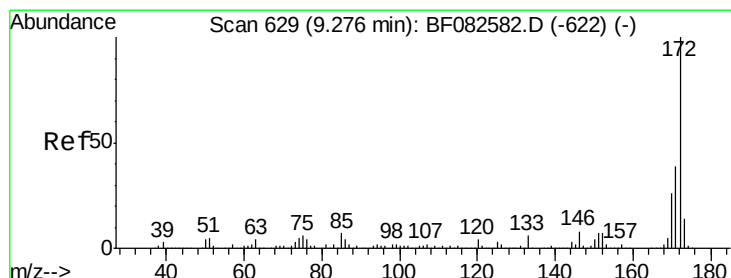
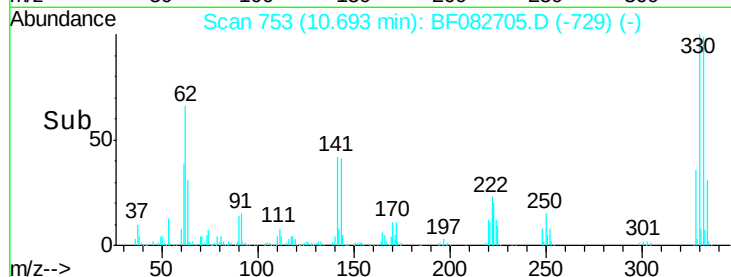
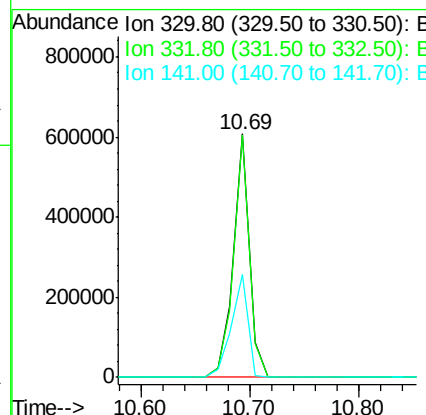
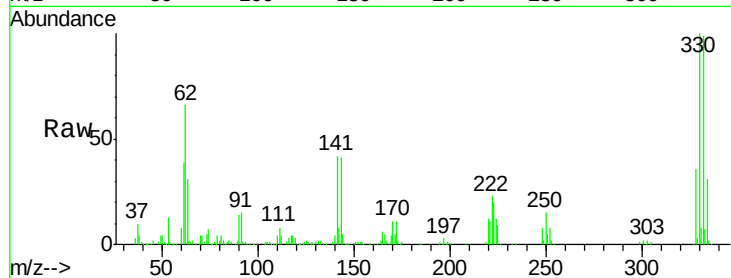




#41
 2,4,6-Tribromophenol
 Concen: 123.75 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

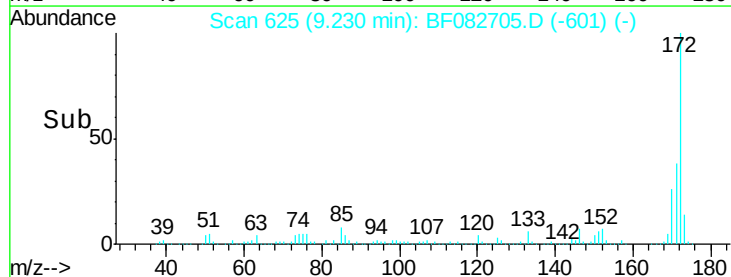
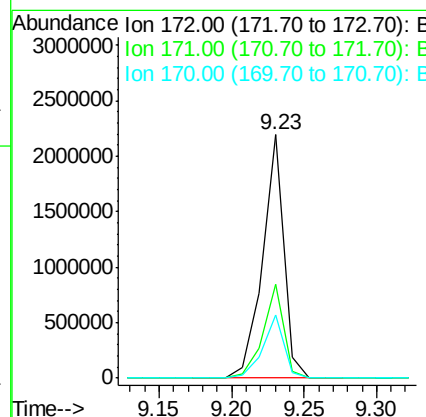
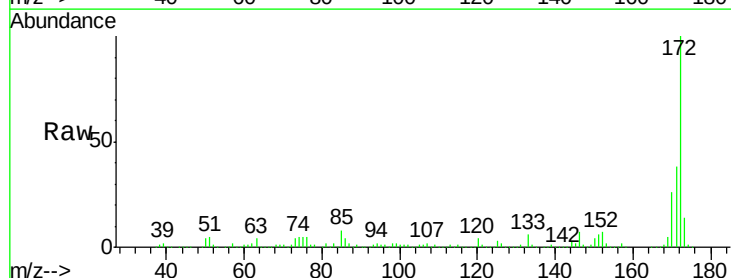
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(2-4)

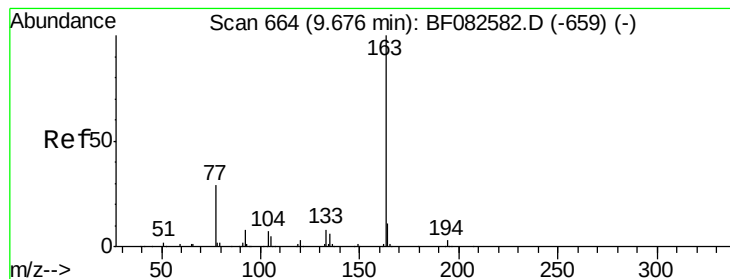
Tot Ion:330 Resp: 618946
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 43.4 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 69.17 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

Tgt Ion:172 Resp: 2226506
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 25.9 21.2 31.8





#49

Dimethylphthalate

Concen: 12.81 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

Instrument :

BNA_F

ClientSampleId :

SB-02(2-4)

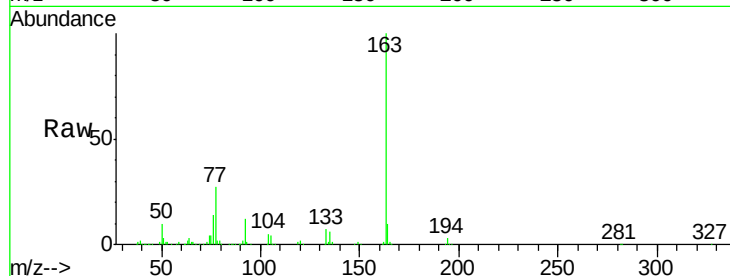
Tot Ion:163 Resp: 478165

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

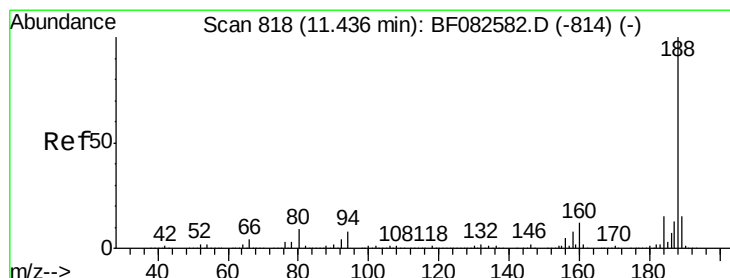
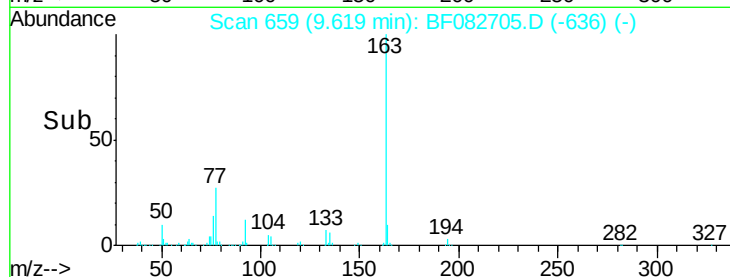
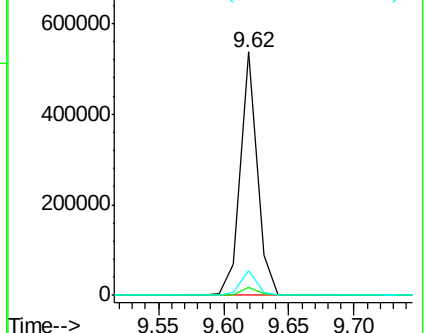
164 10.4 8.7 13.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

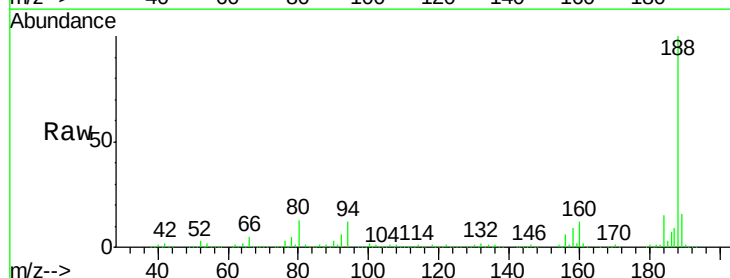
Tgt Ion:188 Resp: 824750

Ion Ratio Lower Upper

188 100

94 11.8 6.1 9.1#

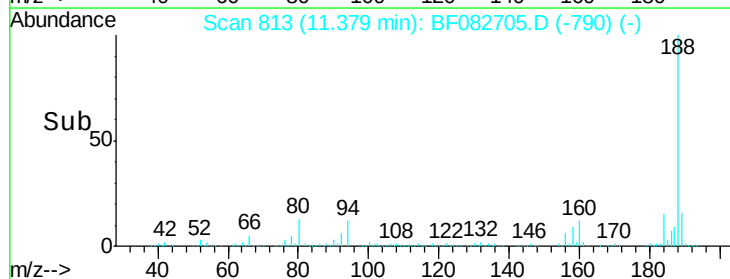
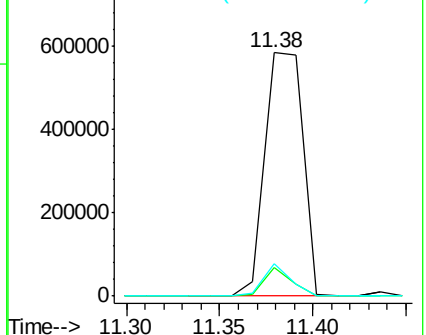
80 13.3 7.0 10.6#

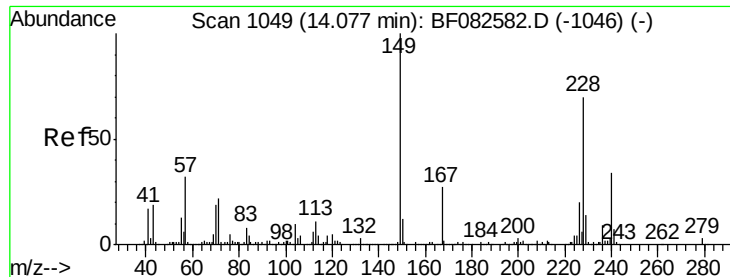


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

Instrument :

BNA_F

ClientSampleId :

SB-02(2-4)

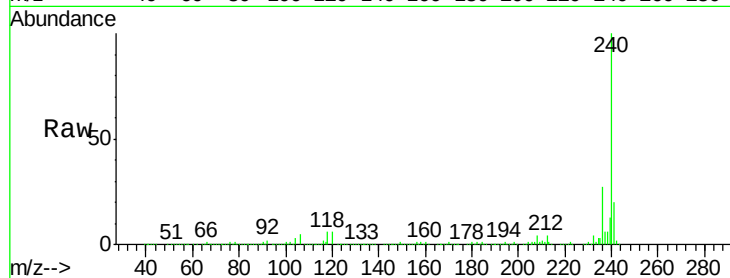
Tot Ion:240 Resp: 851153

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

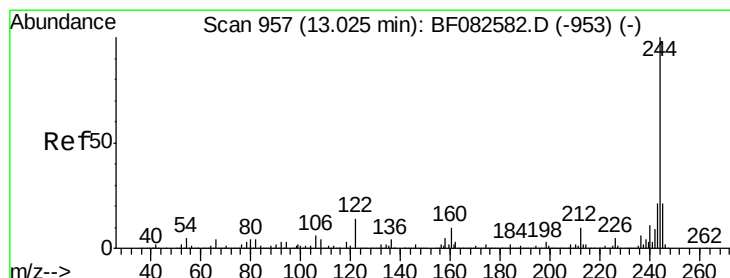
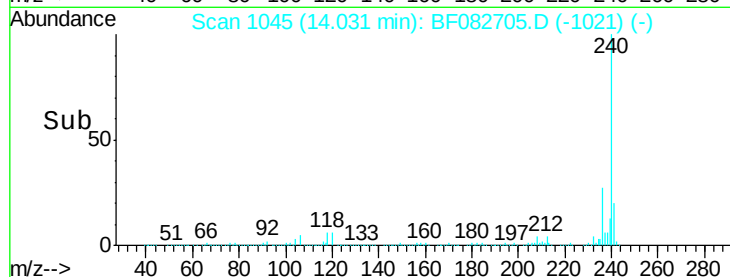
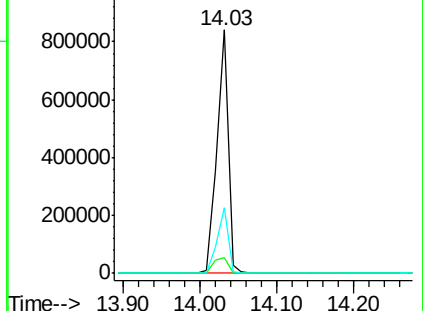
236 27.1 21.6 32.4



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: 59.76 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

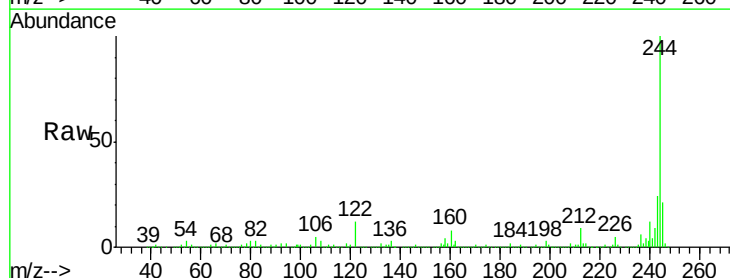
Tgt Ion:244 Resp: 2324209

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

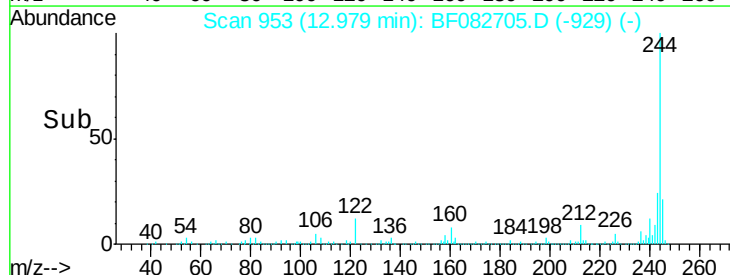
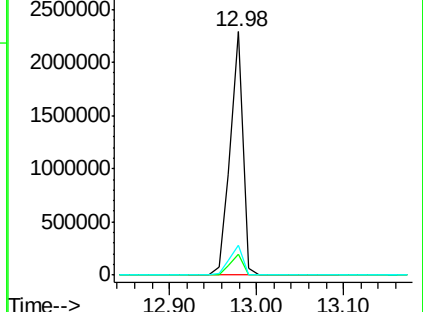
122 12.3 11.3 16.9

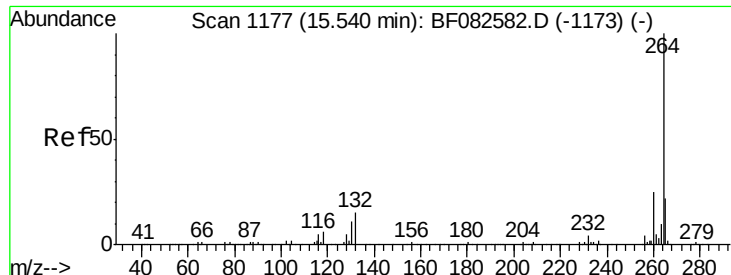


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

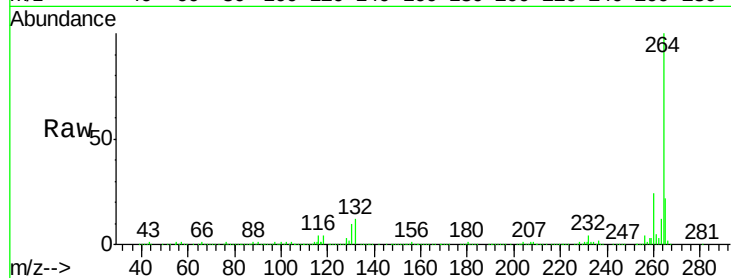




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.0	17.4	26.0



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

