

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 04 23:20:25 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

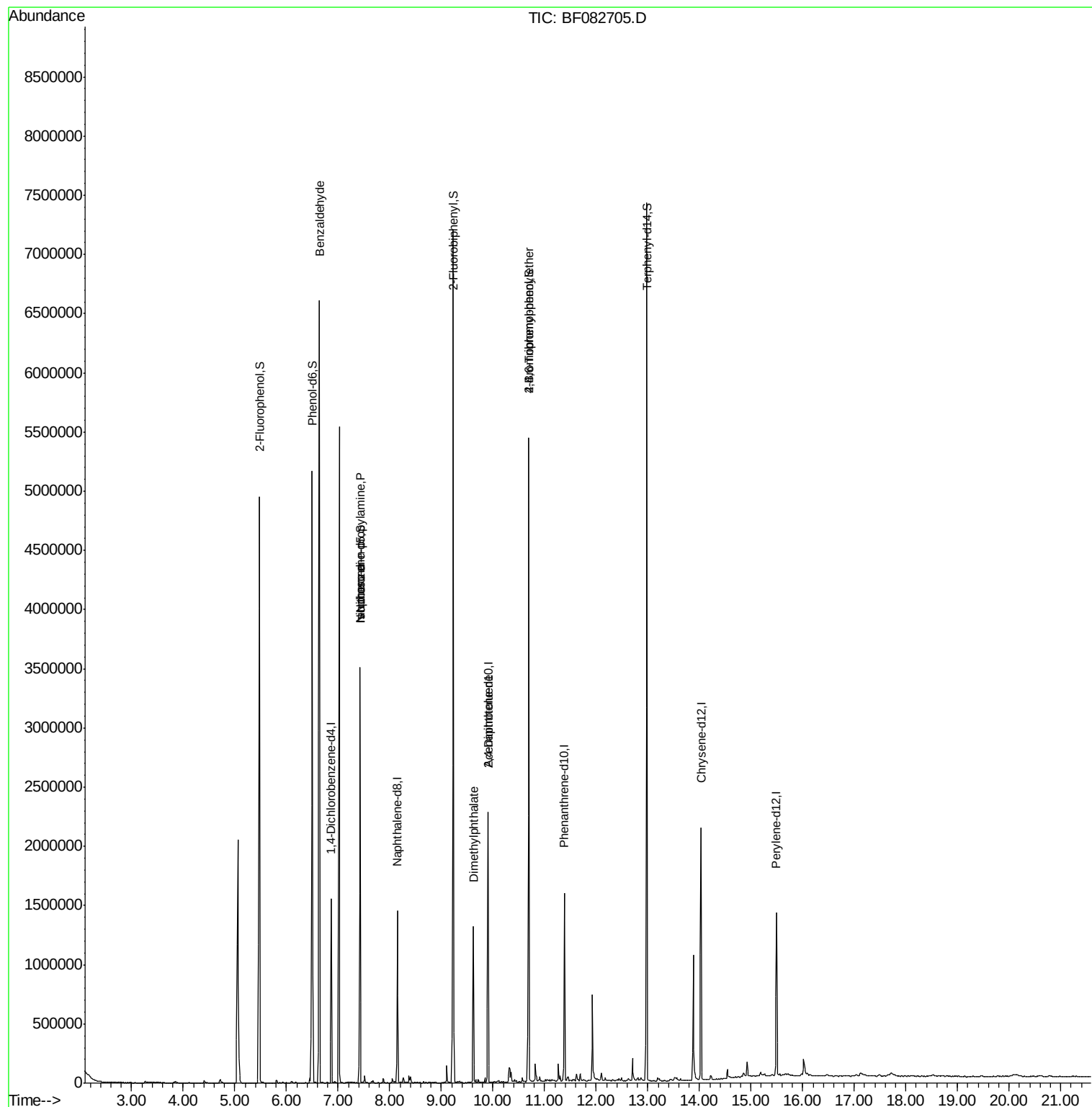
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	208604	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	758355	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	457024	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	824750	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	851153	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						
9) Benzaldehyde	6.64	77	51649	4.11	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.42	70	197329	14.15	ng	# 72
25) Isophorone	7.42	82	986260	28.87	ng	# 69
49) Dimethylphthalate	9.62	163	478165	12.81	ng	99
56) 2,4-Dinitrotoluene	9.90	165	56802	5.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	45674	4.89	ng	# 1

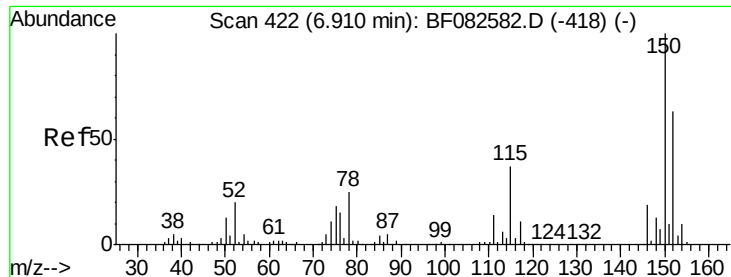
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#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)

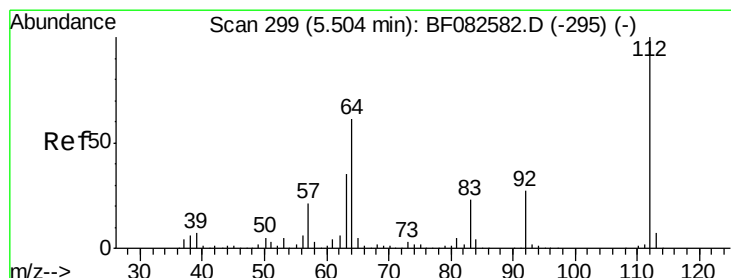
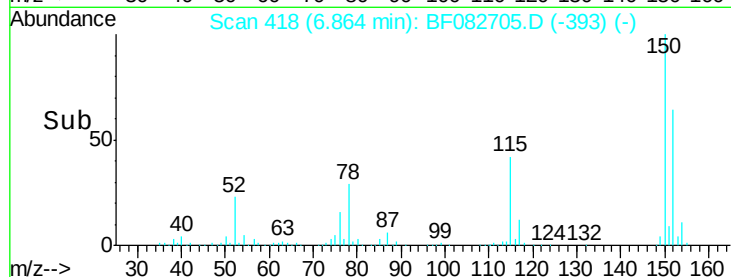
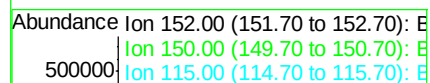
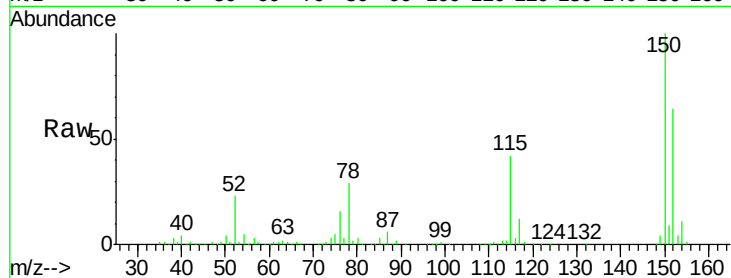
Tgt Ion:152 Resp: 208604

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

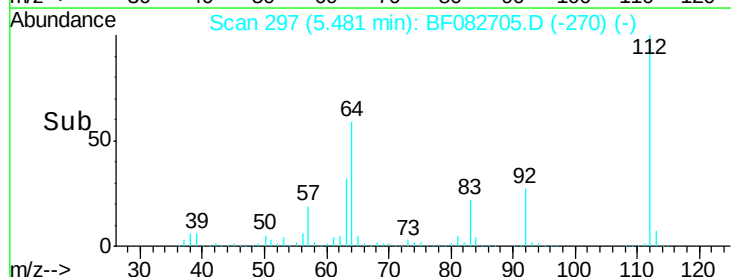
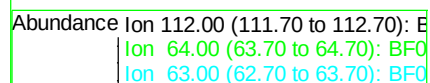
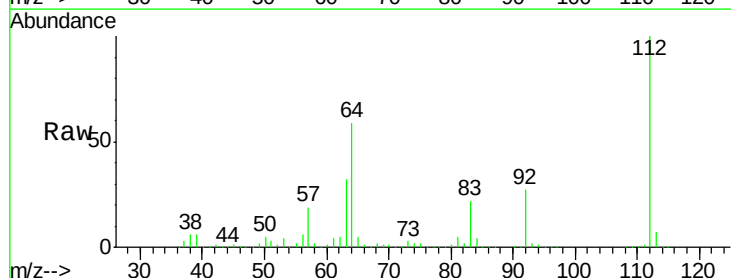
Tgt Ion:112 Resp: 1832975

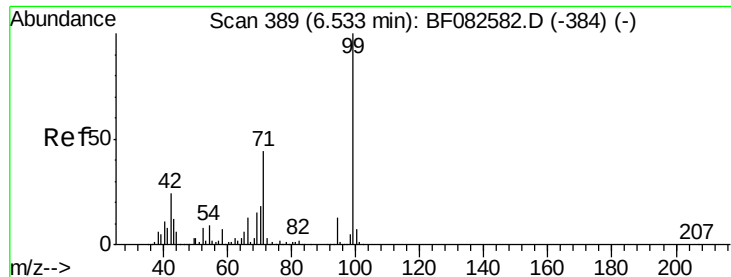
Ion Ratio Lower Upper

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)

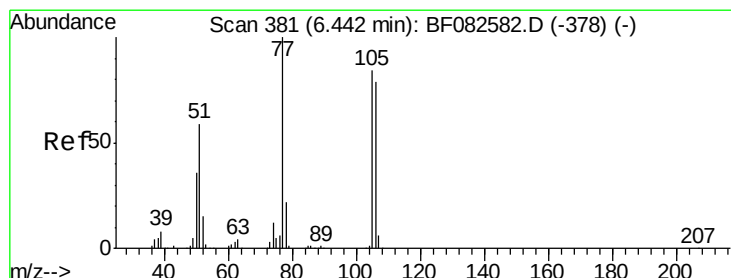
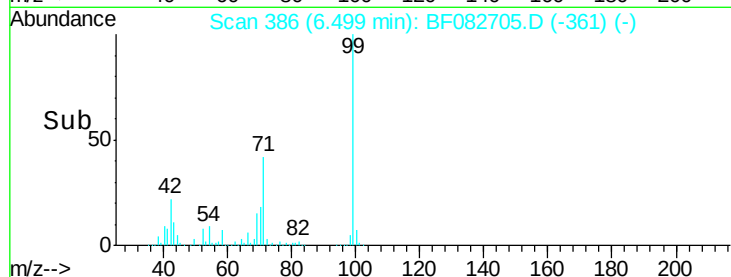
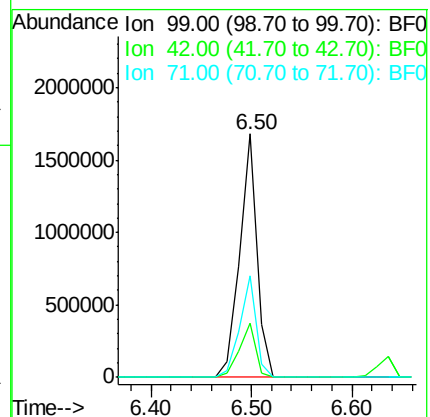
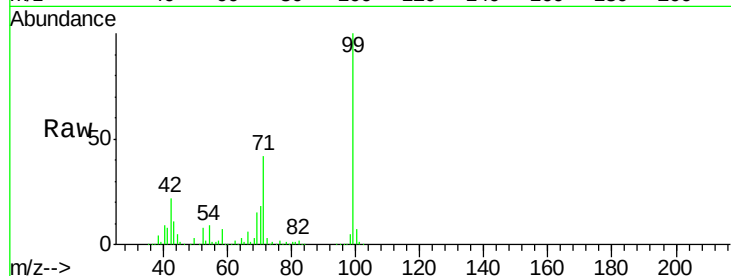
Tgt Ion: 99 Resp: 2007921

Ion Ratio Lower Upper

99 100

42 22.2 19.2 28.8

71 41.6 35.0 52.4



#9

Benzaldehyde

Concen: 4.11 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

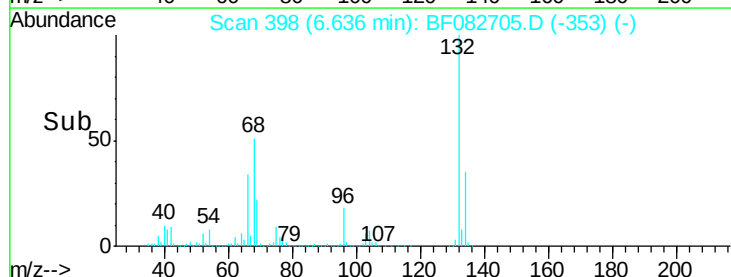
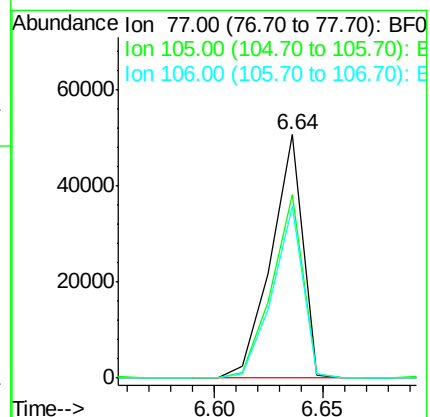
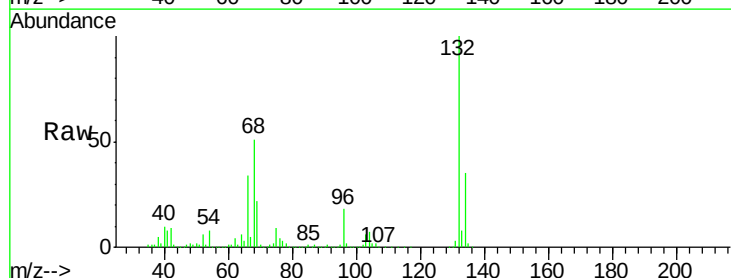
Tgt Ion: 77 Resp: 51649

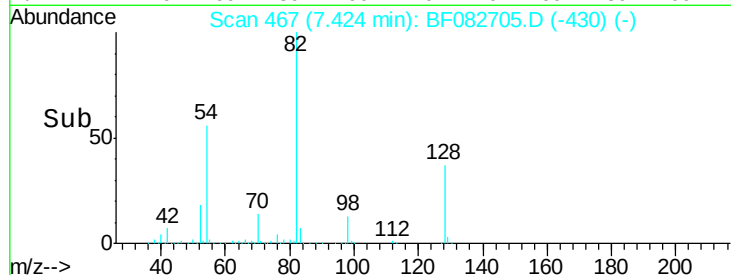
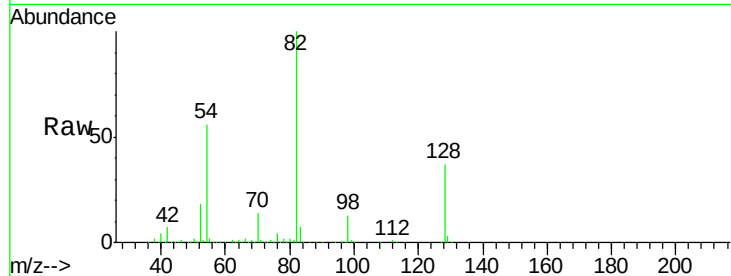
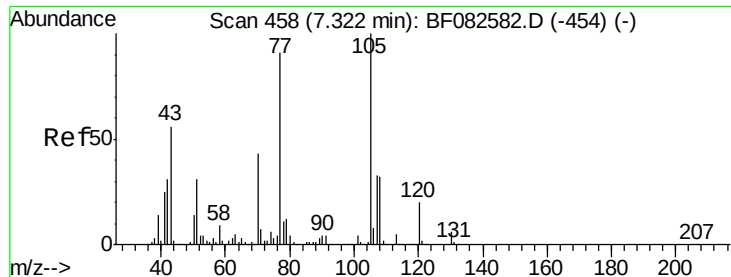
Ion Ratio Lower Upper

77 100

105 75.5 63.5 103.5

106 70.7 59.3 99.3

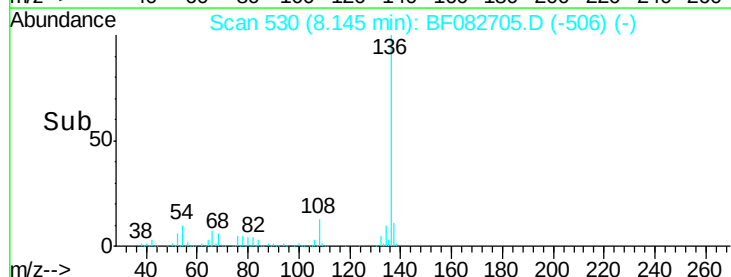
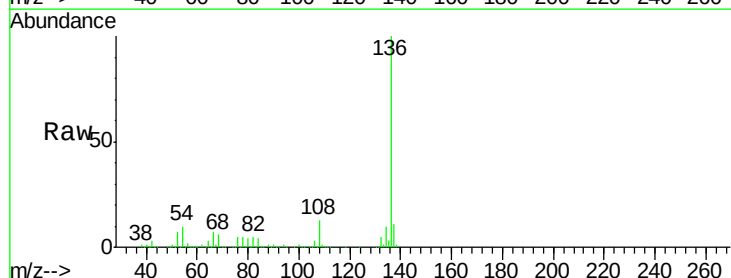
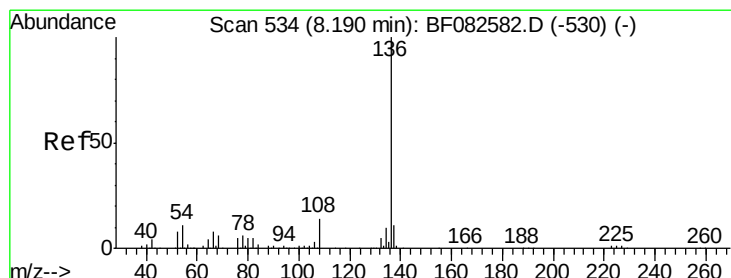
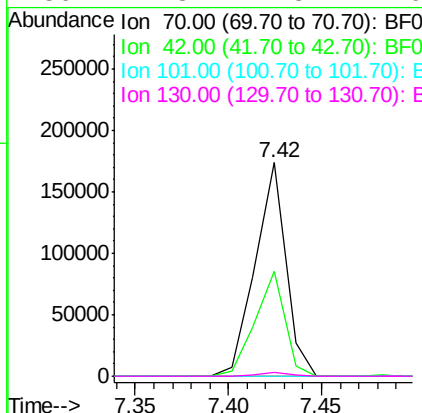




#19
n-Nitroso-di-n-propylamine
Concen: 14.15 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082705.D
Acq: 4 Nov 2015 17:16

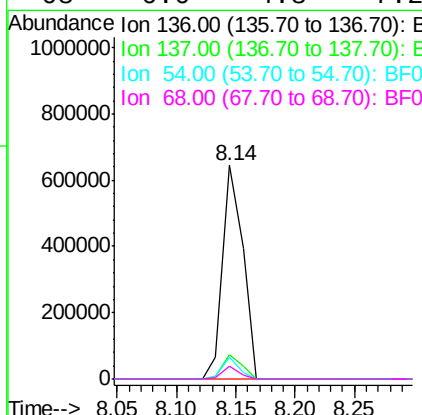
Instrument :
BNA_F
ClientSampleId :
SB-02(2-4)

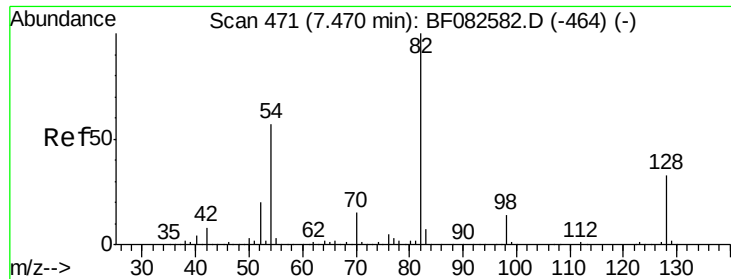
Tgt Ion: 70 Resp: 197329
Ion Ratio Lower Upper
70 100
42 49.4 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#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

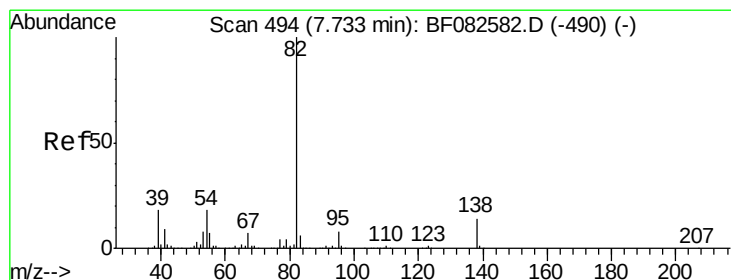
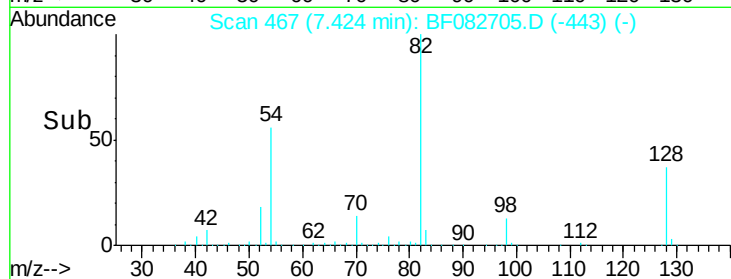
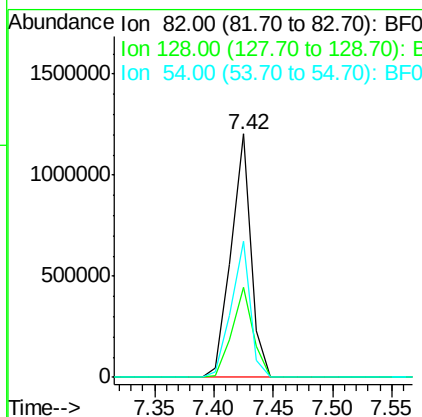
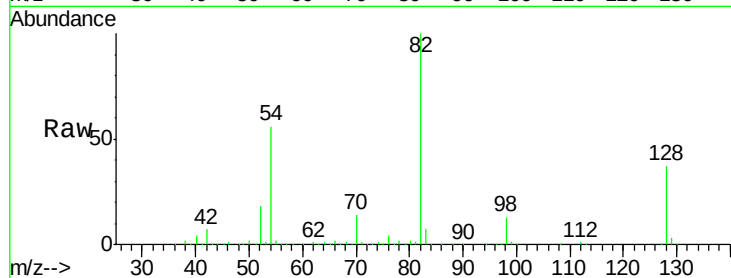




#23
 Nitrobenzene-d5
 Concen: 75.35 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

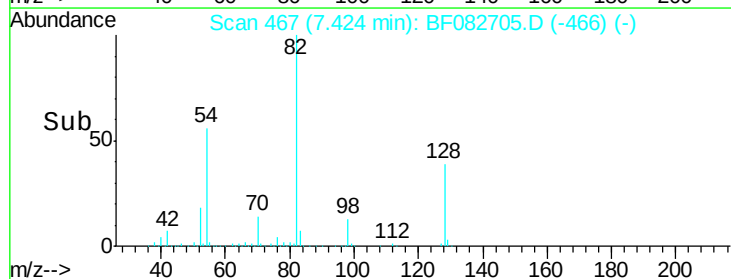
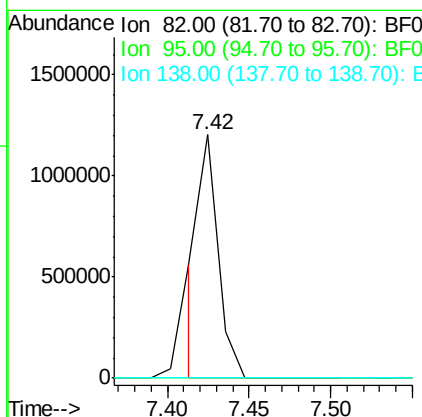
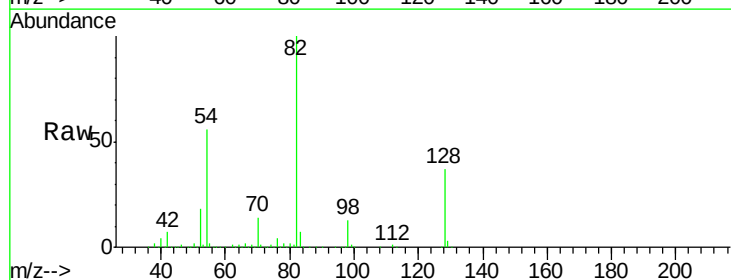
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(2-4)

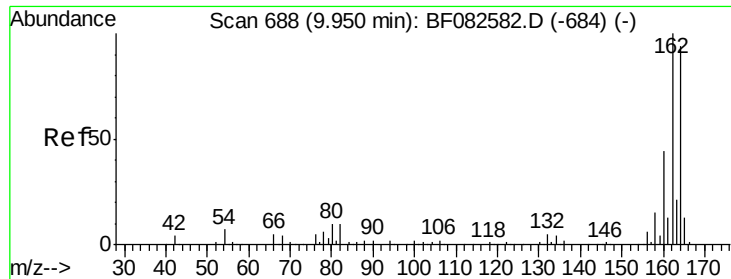
Tgt Ion: 82 Resp: 1399292
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 55.6 45.7 68.5



#25
 Isophorone
 Concen: 28.87 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

Tgt Ion: 82 Resp: 986260
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#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

Instrument :

BNA_F

ClientSampleId :

SB-02(2-4)

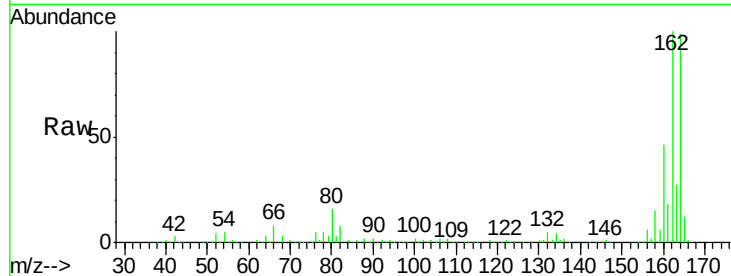
Tgt Ion:164 Resp: 457024

Ion Ratio Lower Upper

164 100

162 101.3 84.9 127.3

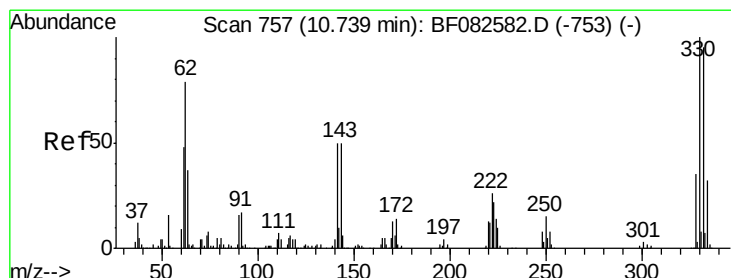
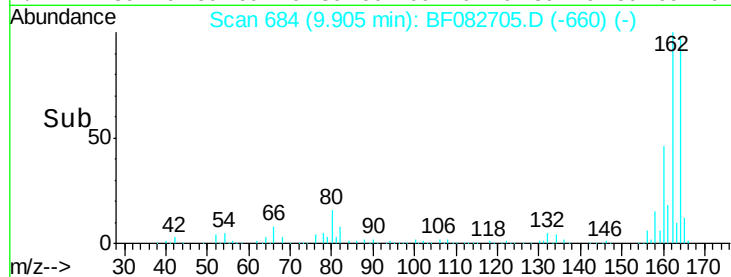
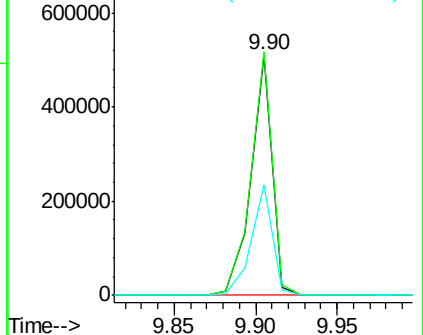
160 46.2 37.5 56.3



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: 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

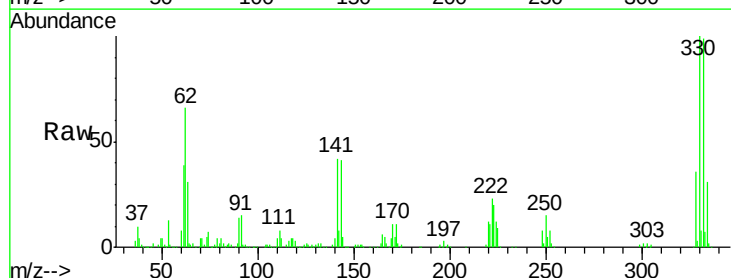
Tgt Ion:330 Resp: 618946

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

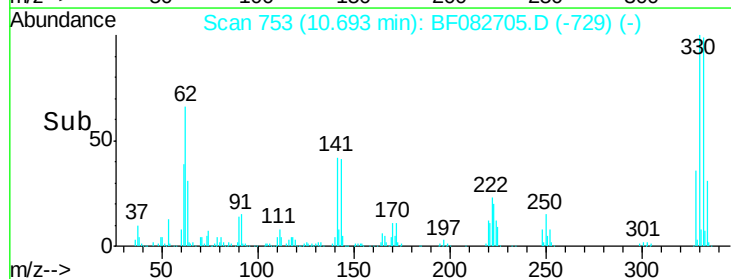
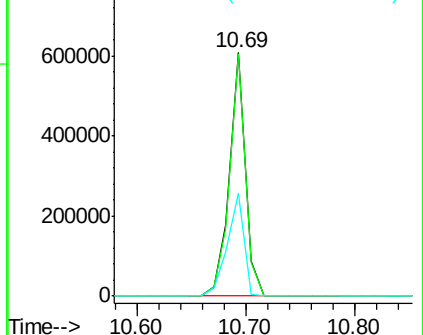
141 43.4 41.2 61.8

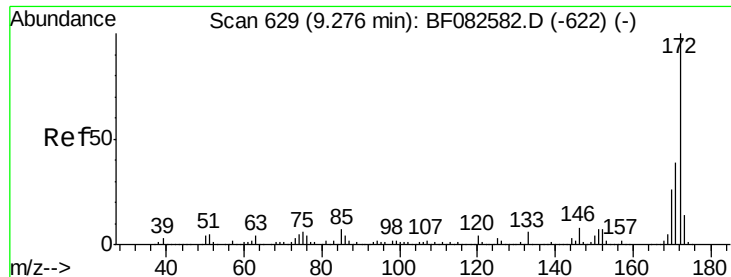


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

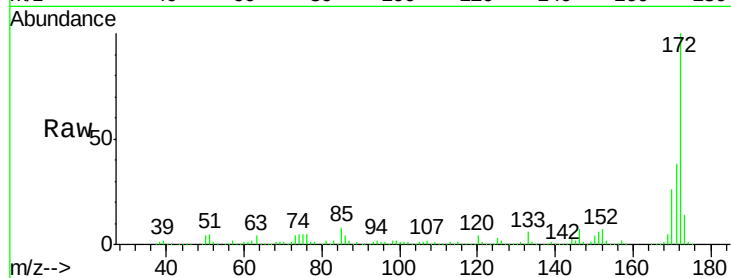




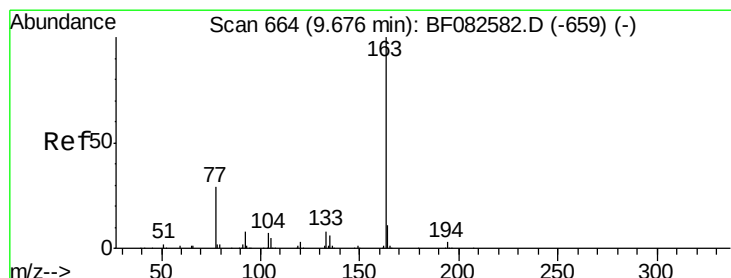
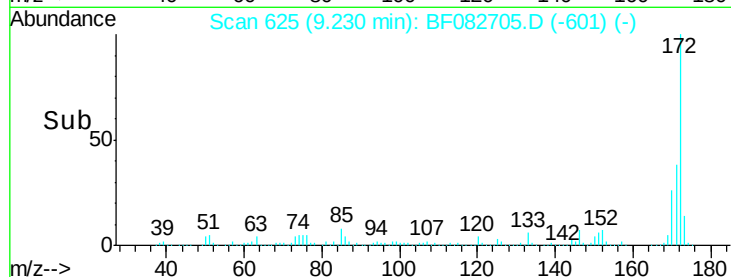
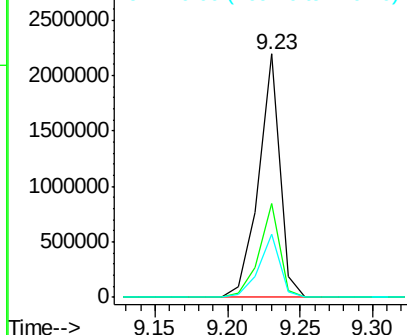
#44
 2-Fluorobiphenyl
 Concen: 69.17 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

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

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

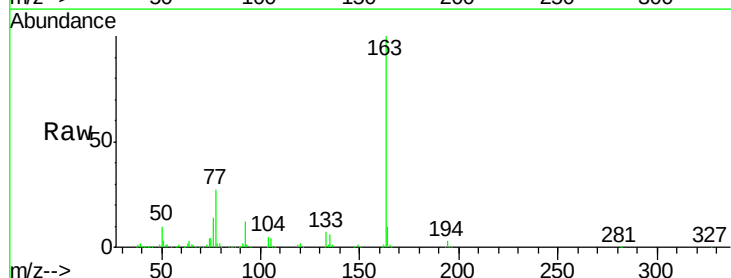


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

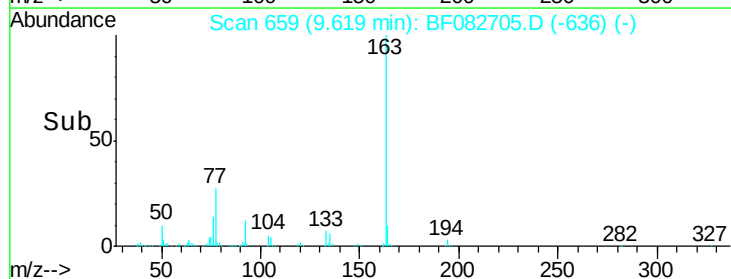
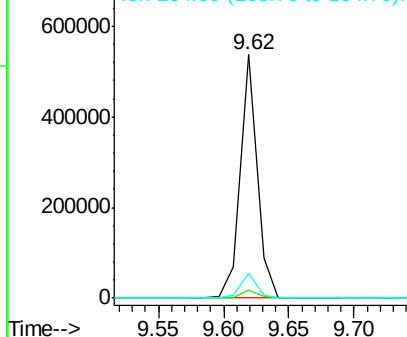


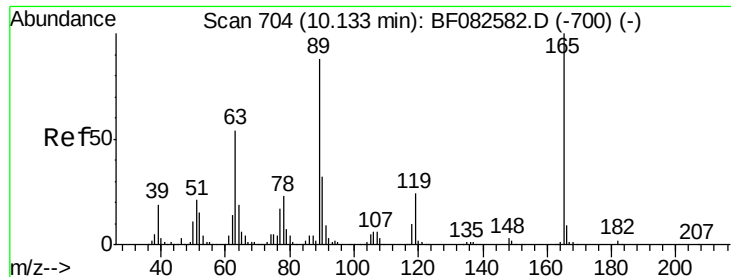
#49
 Dimethylphthalate
 Concen: 12.81 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

Tgt 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

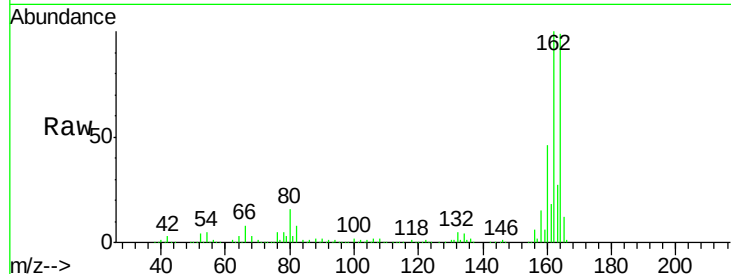




#56
 2,4-Dinitrotoluene
 Concen: 5.43 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.21 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

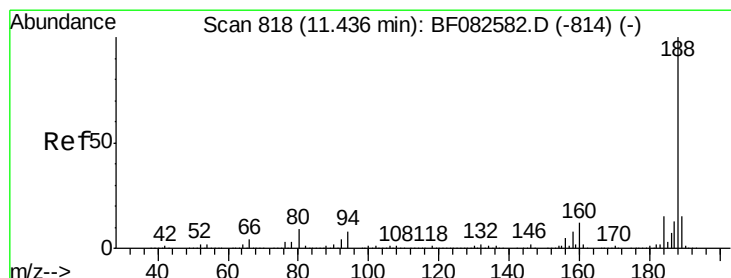
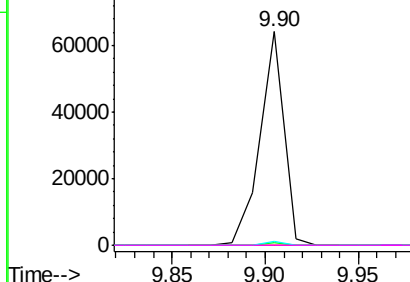
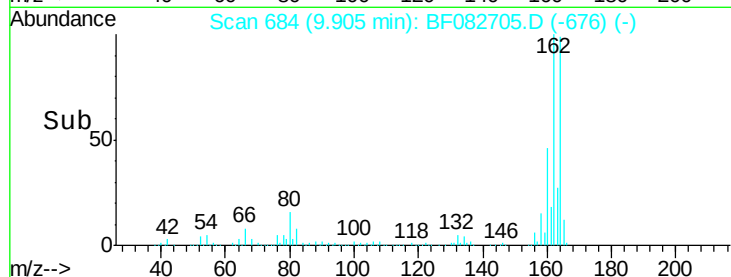


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

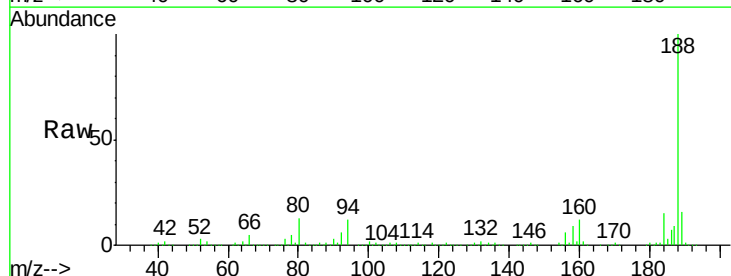
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#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

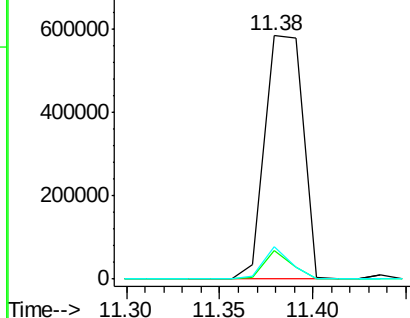
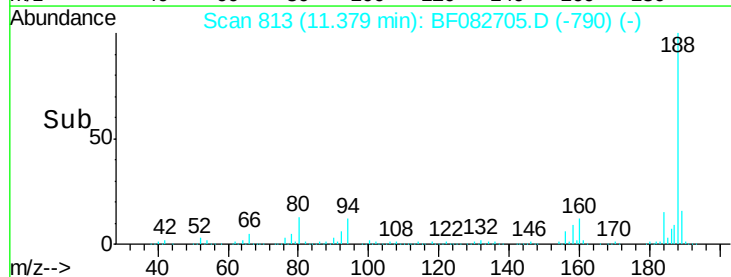
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.1	9.1#
80	13.3	7.0	10.6#

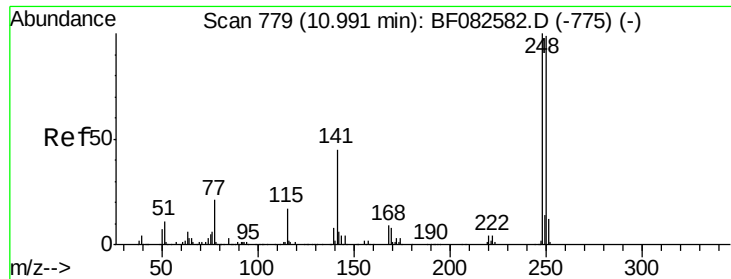


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

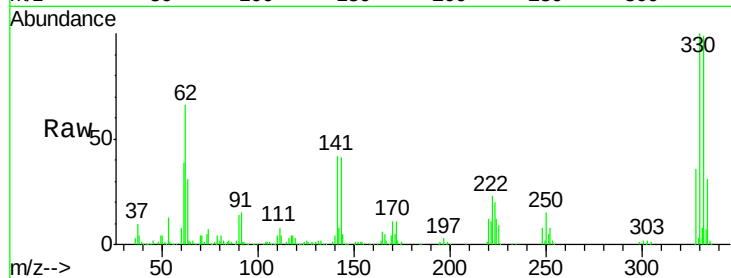




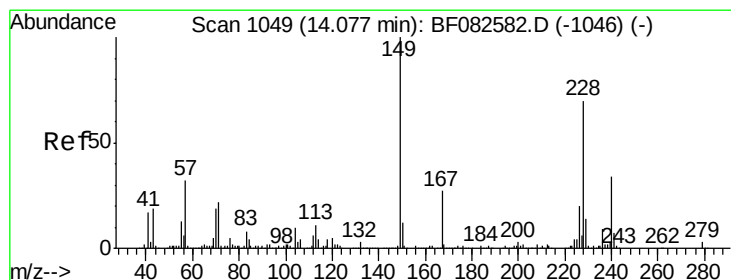
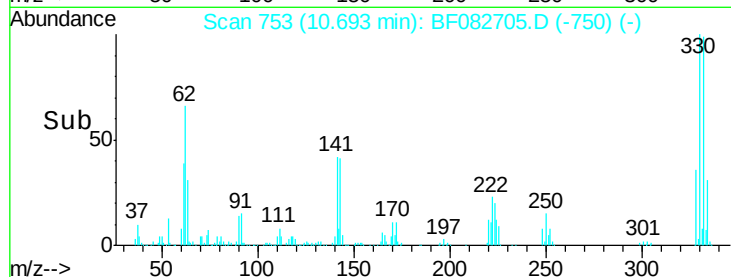
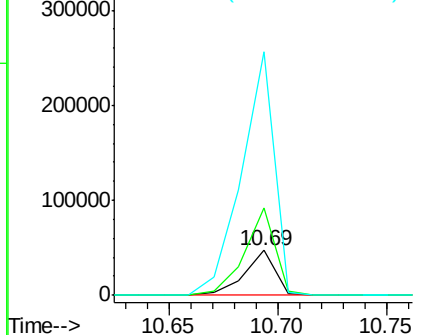
#66
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

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

Tgt Ion:248 Resp: 45674
 Ion Ratio Lower Upper
 248 100
 250 196.5 79.4 119.2#
 141 545.0 36.3 54.5#

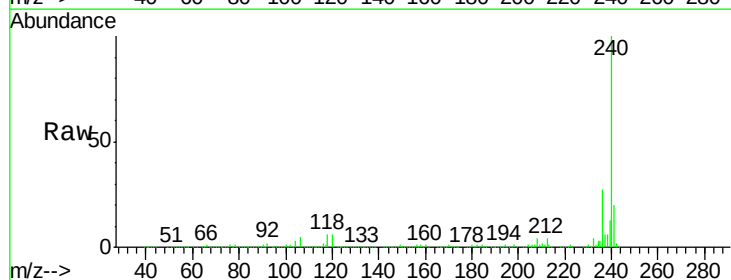


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

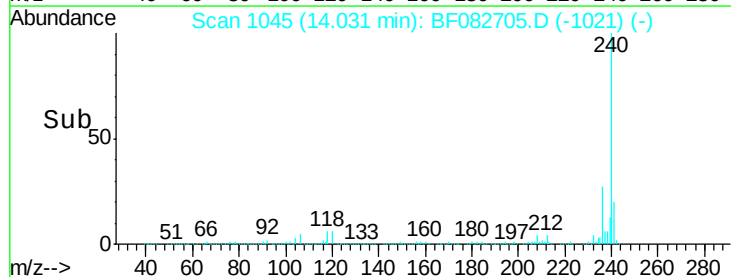
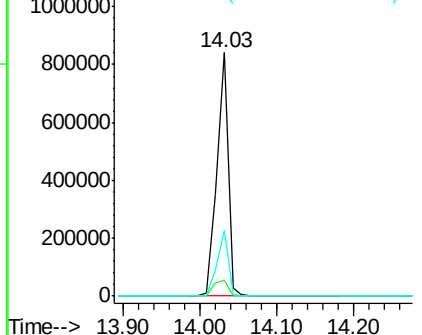


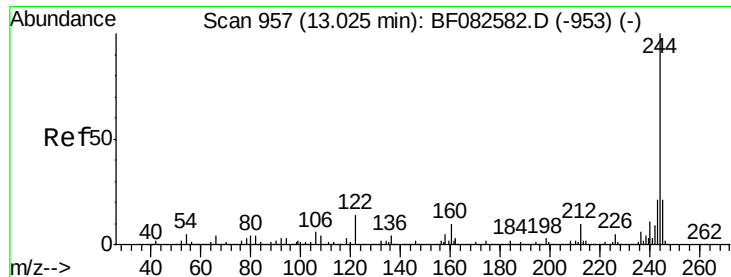
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF082705.D
 Acq: 4 Nov 2015 17:16

Tgt 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

Instrument :

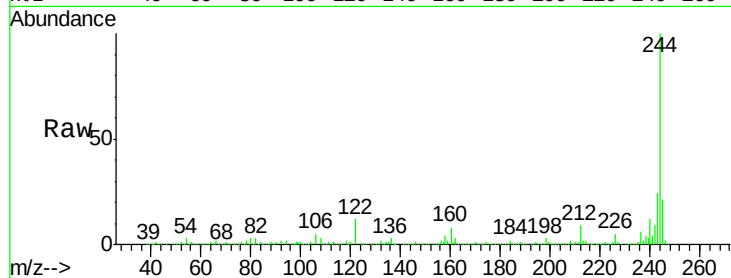
BNA_F

ClientSampleId :

SB-02(2-4)

Tgt Ion:244 Resp: 2324209

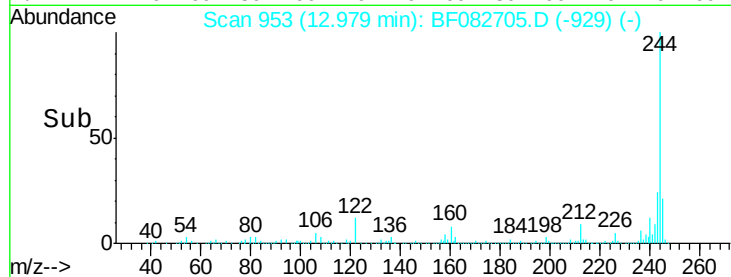
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	12.3	11.3	16.9



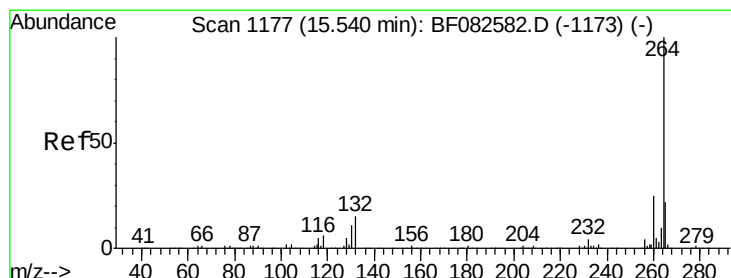
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

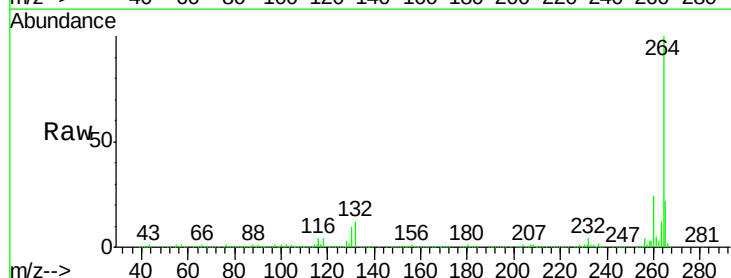
Delta R.T. -0.01 min

Lab File: BF082705.D

Acq: 4 Nov 2015 17:16

Tgt Ion:264 Resp: 650675

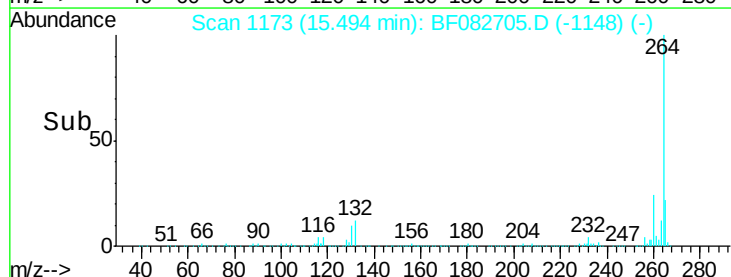
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.0	17.4	26.0



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



Time-->