

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081506.D
 Acq On : 6 Sep 2015 13:15
 Operator : UM/IZ
 Sample : G3561-01
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCCWS

Quant Time: Sep 07 01:57:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

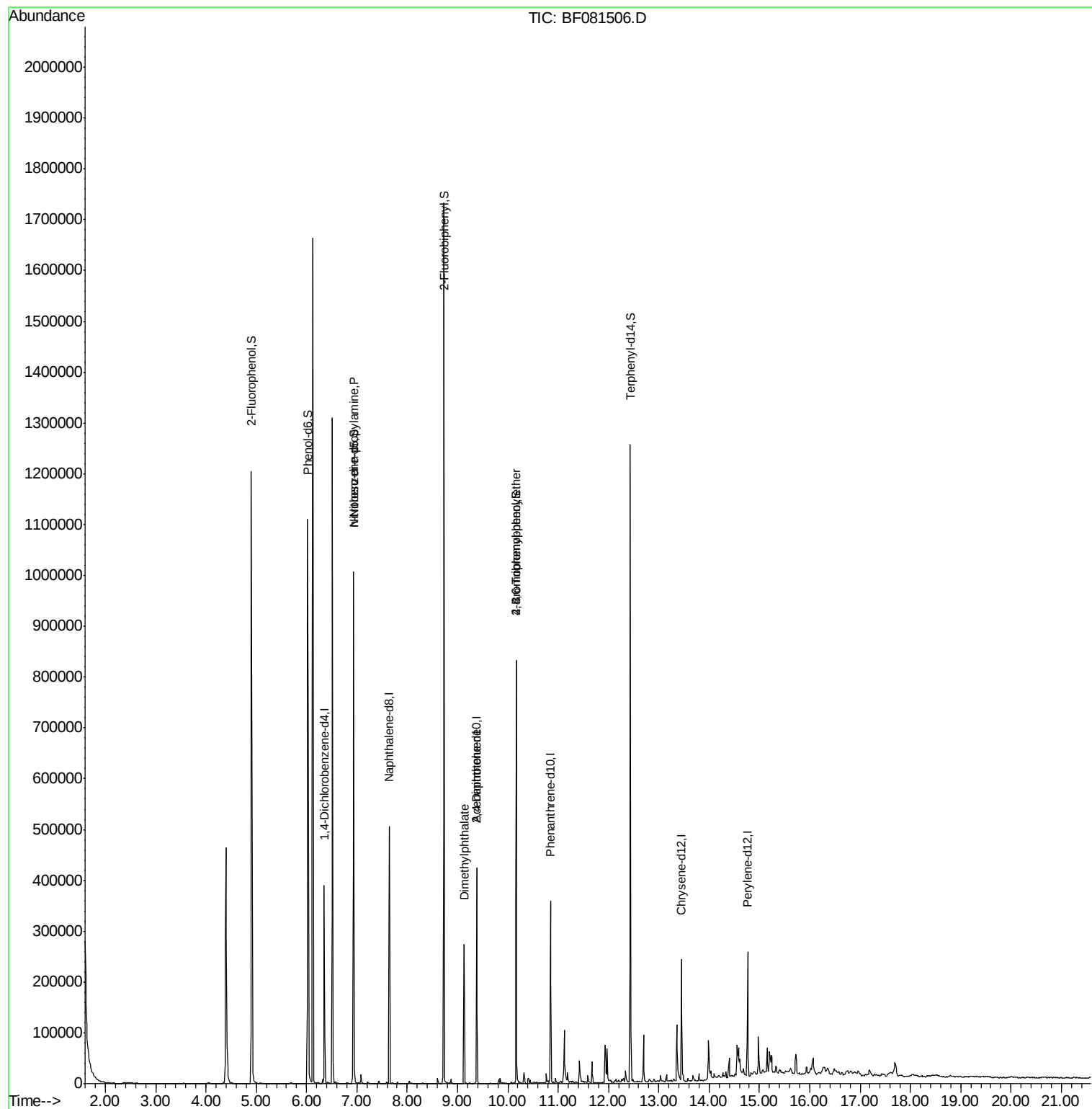
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53222	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	202076	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	85875	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	156324	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	101389	20.00	ng	-0.05
86) Perylene-d12	14.77	264	90979	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	349197	101.80	ng	-0.02
7) Phenol-d6	6.02	99	481228	105.98	ng	-0.03
23) Nitrobenzene-d5	6.94	82	342442	81.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	86955	113.72	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	523476	78.12	ng	-0.03
78) Terphenyl-d14	12.43	244	346058	79.45	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	46669	15.10	ng	# 62
49) Dimethylphthalate	9.13	163	94736	14.20	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	10863	5.63	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	6680	4.23	ng	# 1

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

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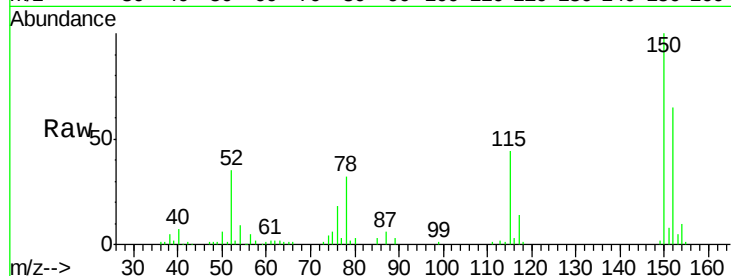


#1

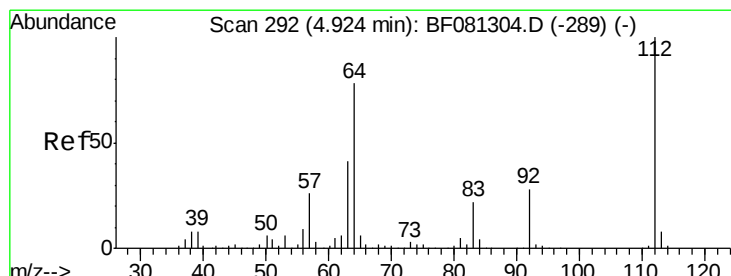
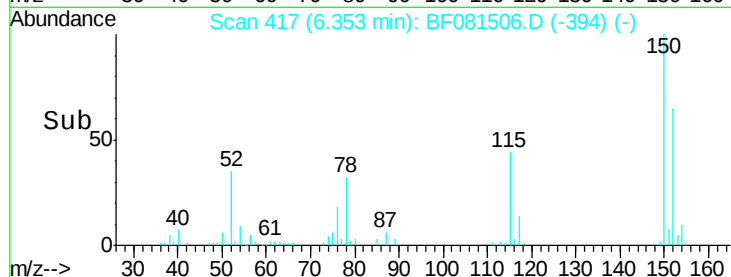
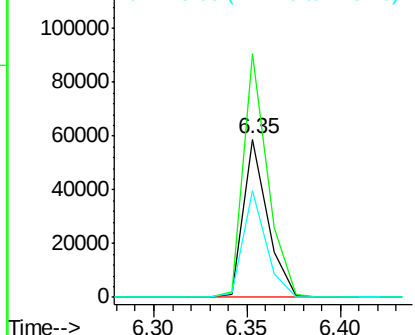
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081506.D
Acq: 6 Sep 2015 13:15

Instrument :
BNA_F
ClientSampleId :
NCCWS

Tot Ion:152 Resp: 53222
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 67.7 39.0 58.4#



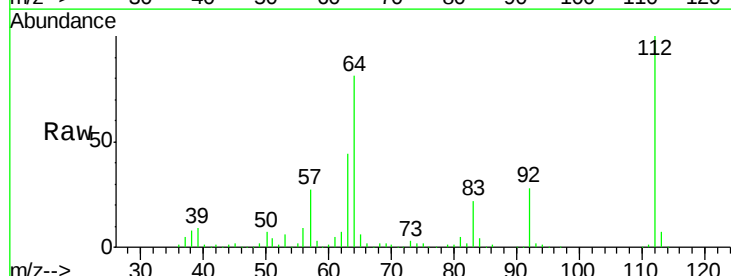
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



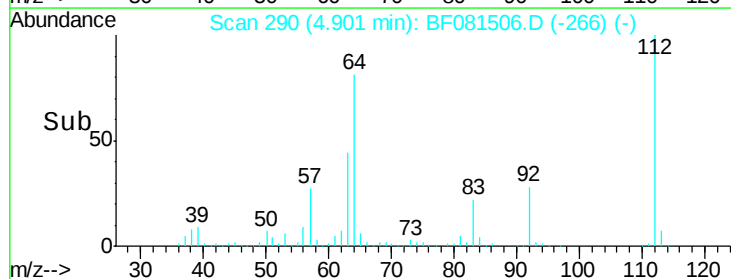
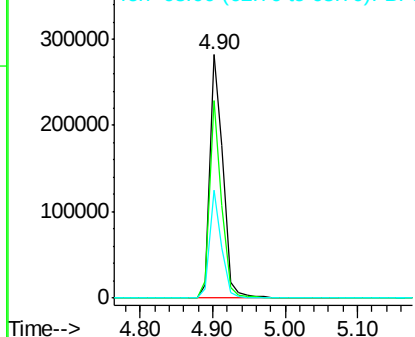
#5

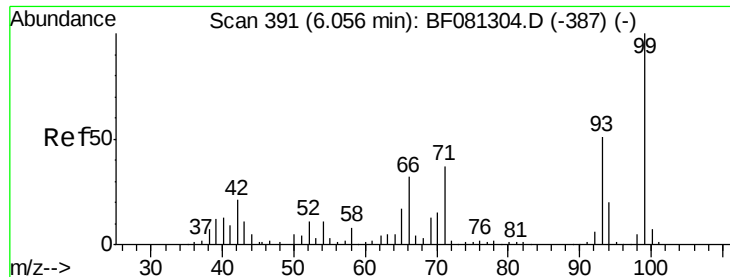
2-Fluorophenol
Concen: 101.80 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081506.D
Acq: 6 Sep 2015 13:15

Tgt Ion:112 Resp: 349197
Ion Ratio Lower Upper
112 100
64 81.0 39.7 59.5#
63 44.4 17.4 26.0#



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: 105.98 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

Instrument :

BNA_F

ClientSampleId :

NCCWS

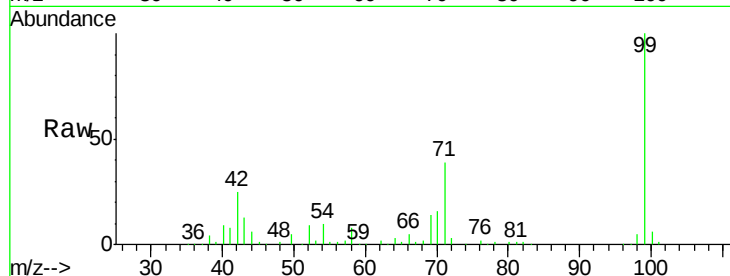
Tot Ion: 99 Resp: 481228

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

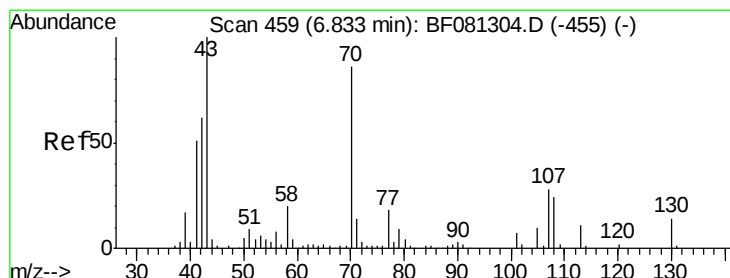
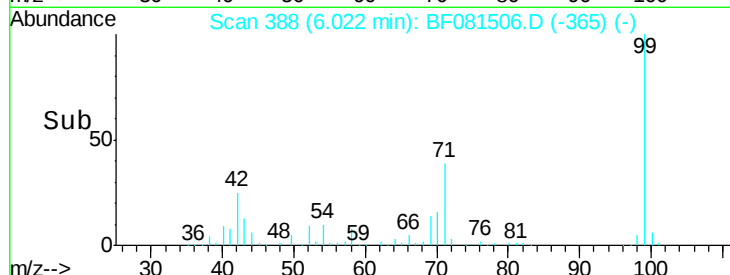
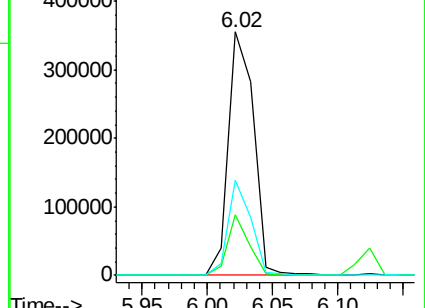
71 39.0 14.2 21.2#



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: 15.10 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

Tgt Ion: 70 Resp: 46669

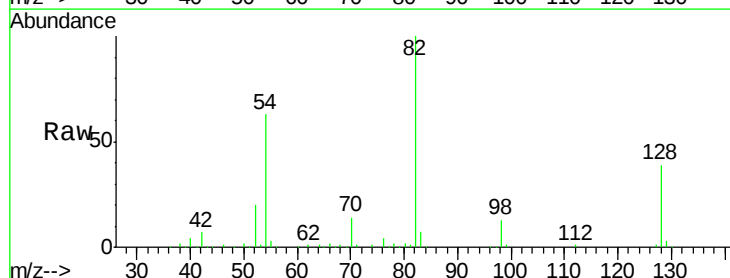
Ion Ratio Lower Upper

70 100

42 52.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

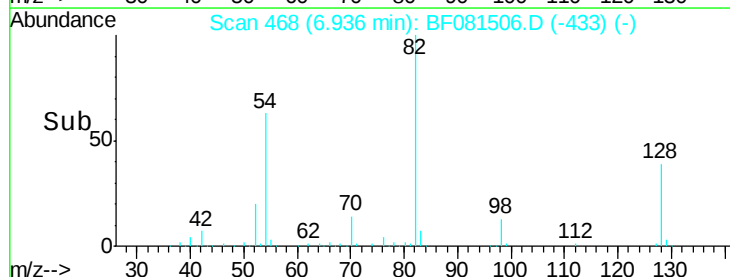
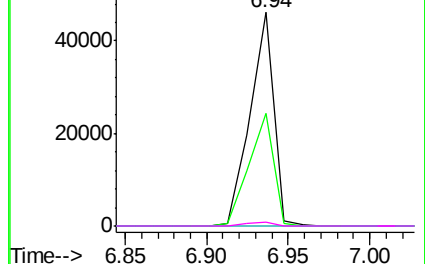


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

Instrument :

BNA_F

ClientSampleId :

NCCWS

Tot Ion:136 Resp: 202076

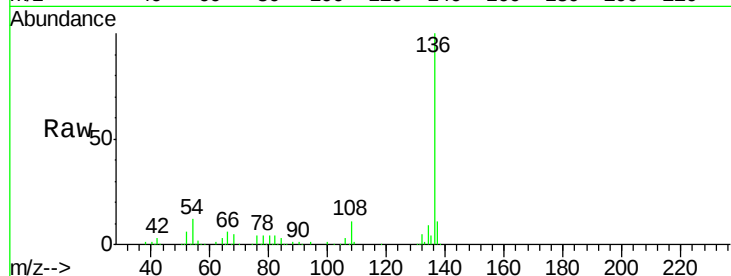
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.2 8.2 12.2

68 5.1 5.8 8.6#

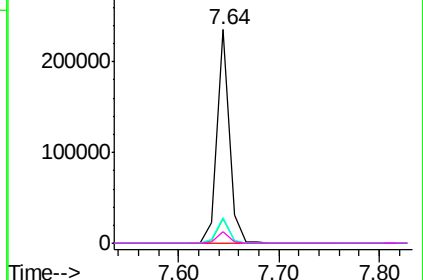
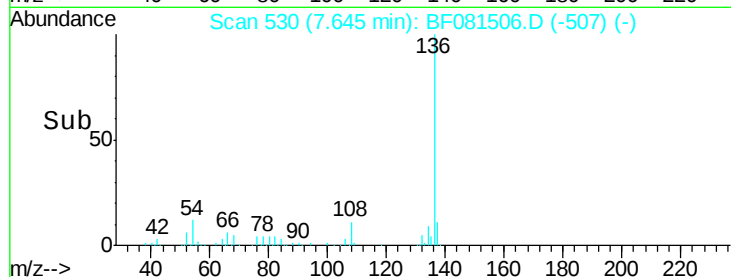


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 81.76 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

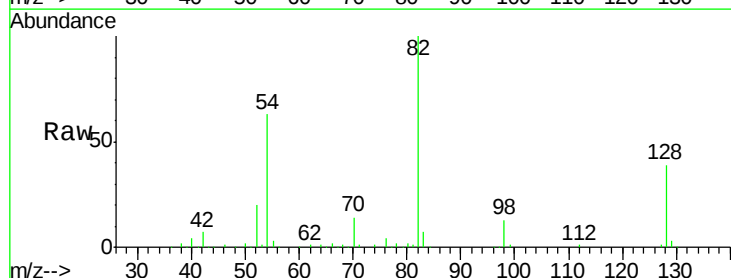
Tgt Ion: 82 Resp: 342442

Ion Ratio Lower Upper

82 100

128 38.6 51.0 76.6#

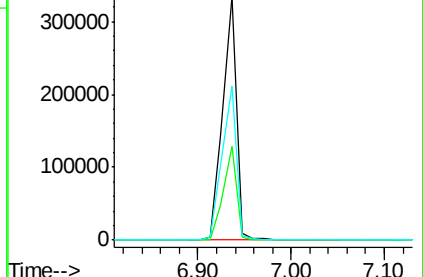
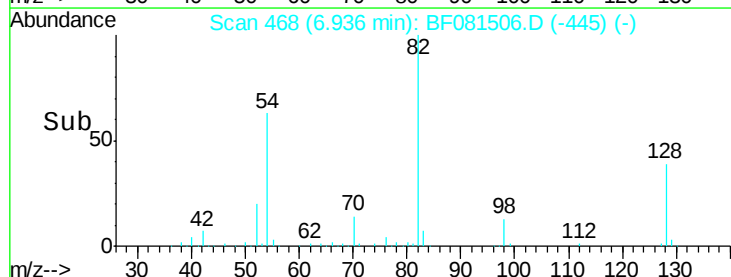
54 63.4 47.5 71.3

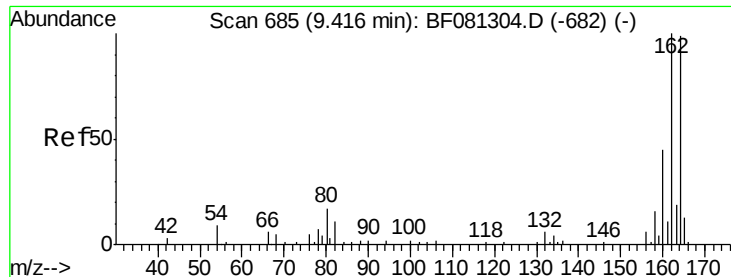


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

Instrument :

BNA_F

ClientSampleId :

NCCWS

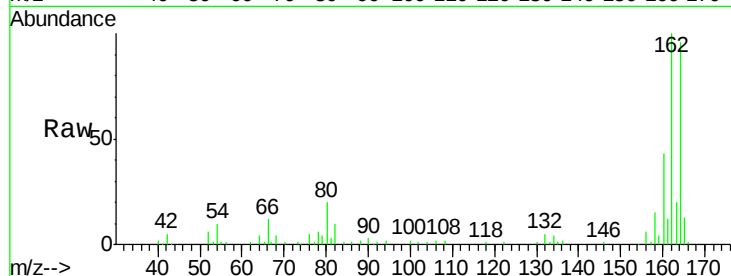
Tot Ion:164 Resp: 85875

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

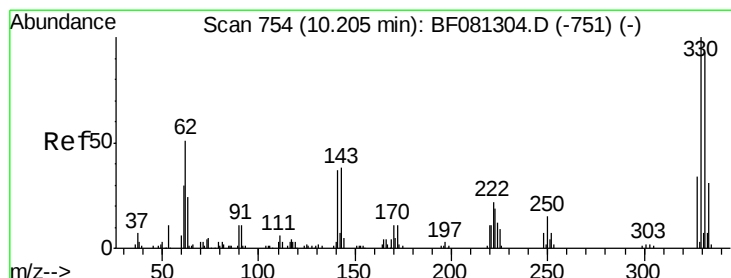
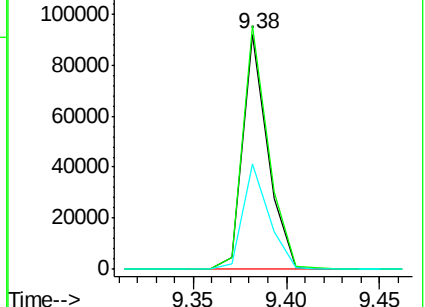
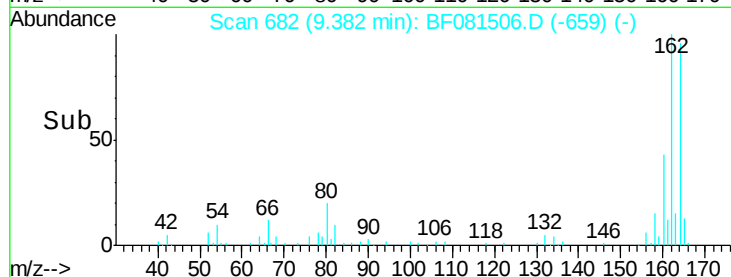
160 44.9 31.5 47.3



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: 113.72 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

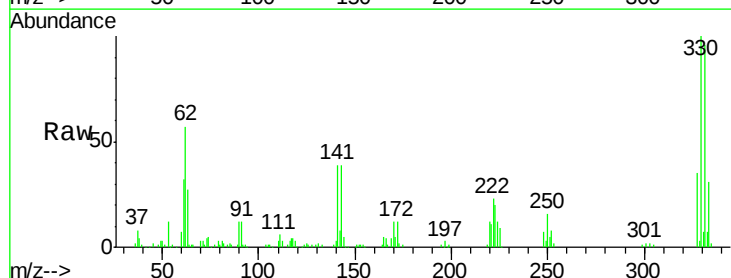
Tgt Ion:330 Resp: 86955

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

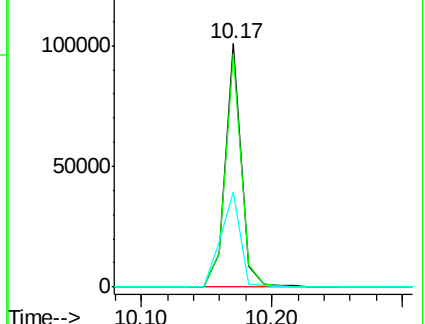
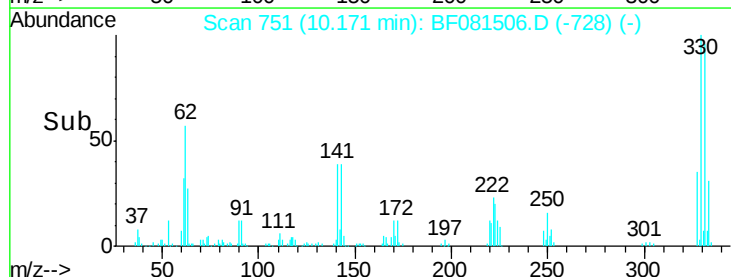
141 48.3 29.7 44.5#



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

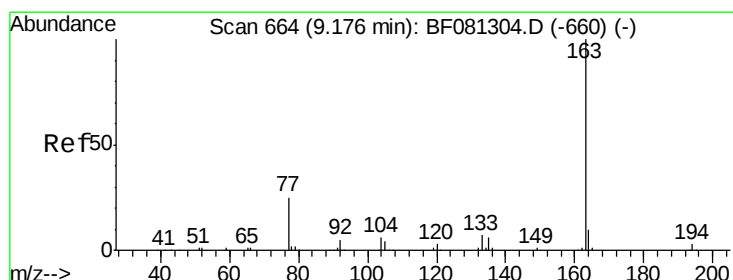
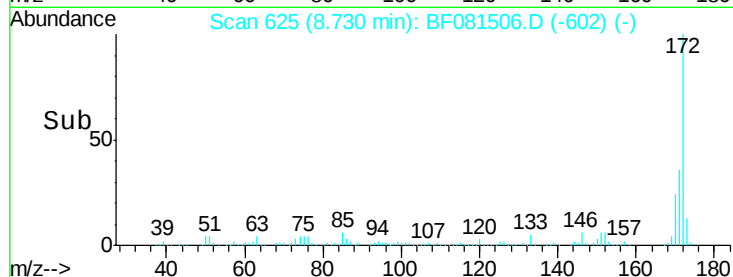
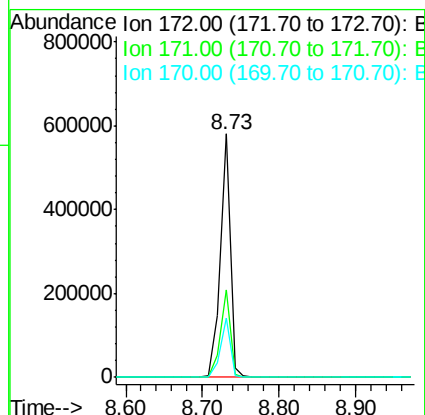
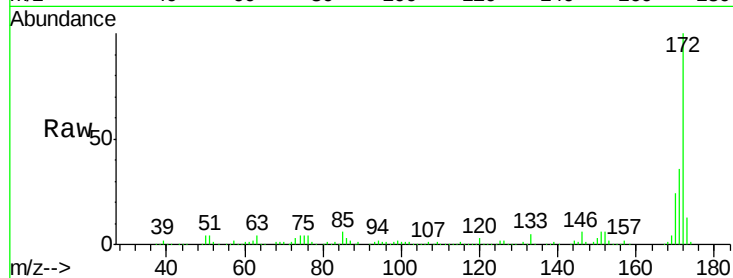




#44
2-Fluorobiphenyl
Concen: 78.12 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081506.D
Acq: 6 Sep 2015 13:15

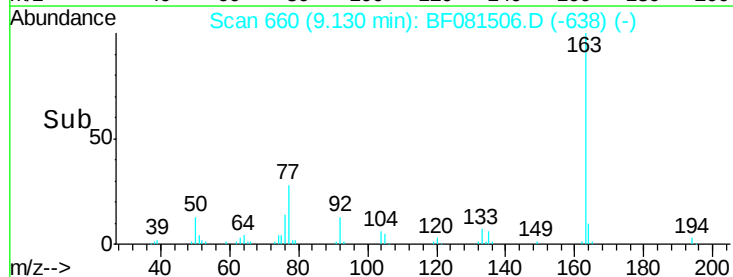
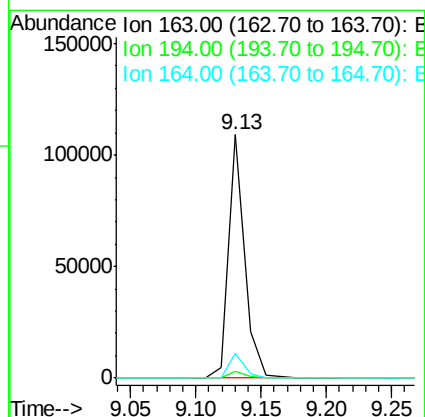
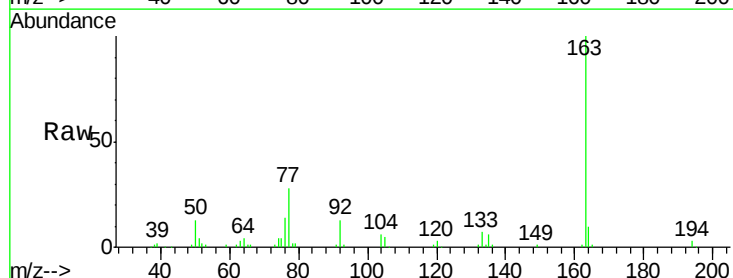
Instrument :
BNA_F
ClientSampleId :
NCCWS

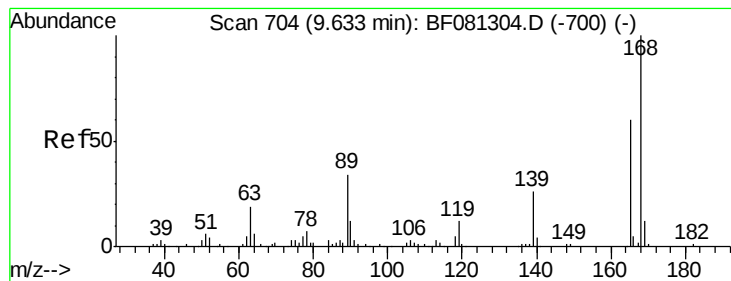
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.3	17.4	26.2



#49
Dimethylphthalate
Concen: 14.20 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081506.D
Acq: 6 Sep 2015 13:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.3	8.3	12.5





#56

2,4-Dinitrotoluene

Concen: 5.63 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

Instrument :

BNA_F

ClientSampleId :

NCCWS

Tot Ion:165 Resp: 10863

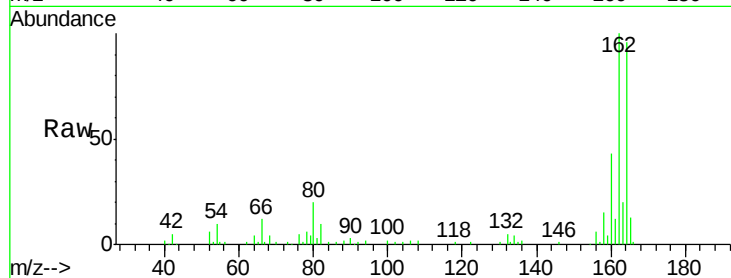
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

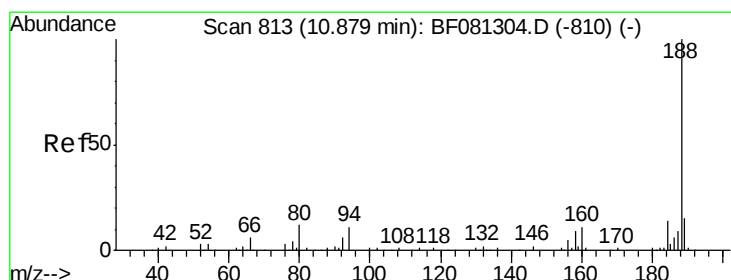
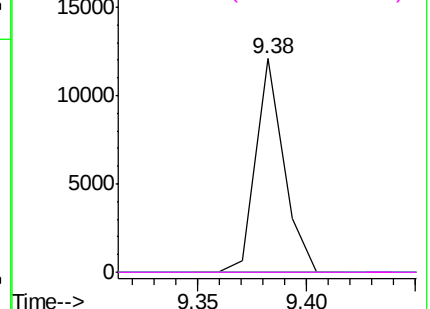
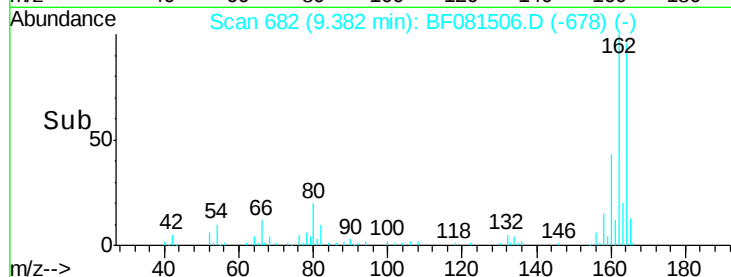


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.84 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF081506.D

Acq: 6 Sep 2015 13:15

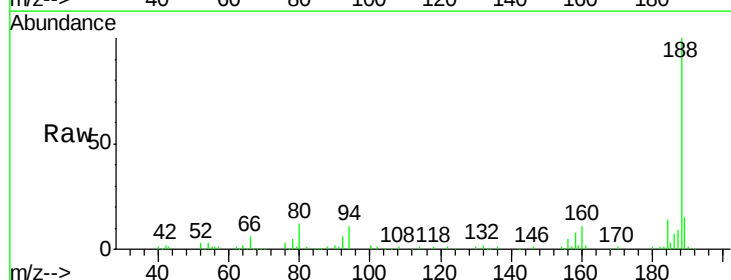
Tgt Ion:188 Resp: 156324

Ion Ratio Lower Upper

188 100

94 10.7 11.1 16.7#

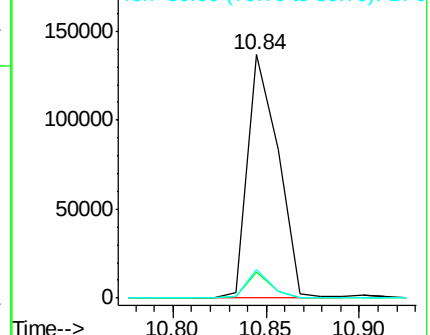
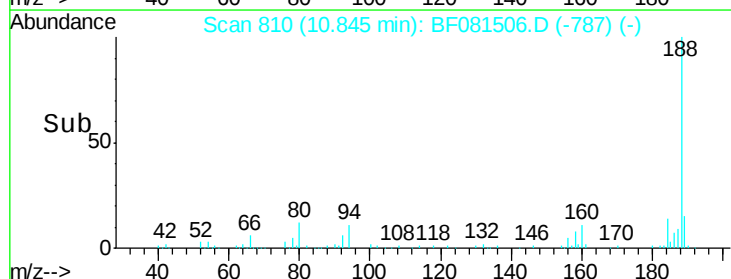
80 11.6 11.0 16.4

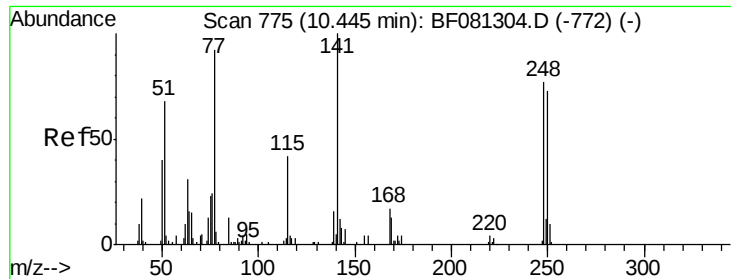


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

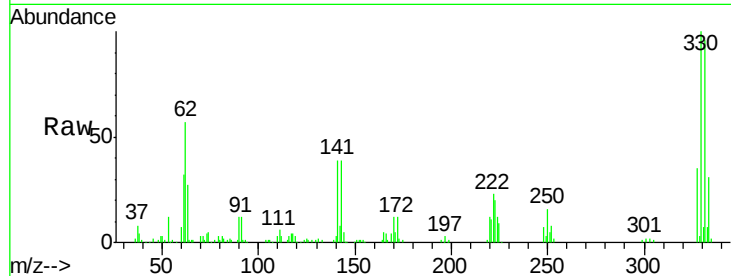




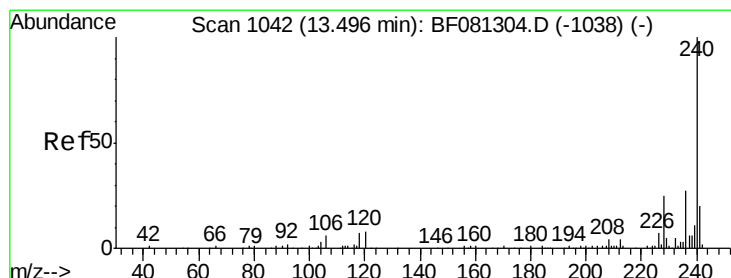
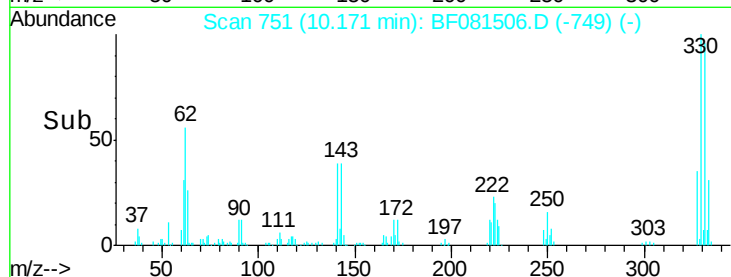
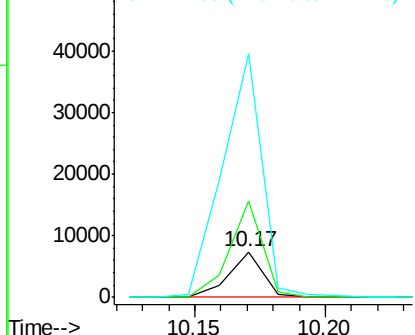
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081506.D
Acq: 6 Sep 2015 13:15

Instrument :
BNA_F
ClientSampled :
NCCWS

Tot Ion:248 Resp: 6680
Ion Ratio Lower Upper
248 100
250 213.5 78.5 117.7#
141 537.2 59.0 88.6#

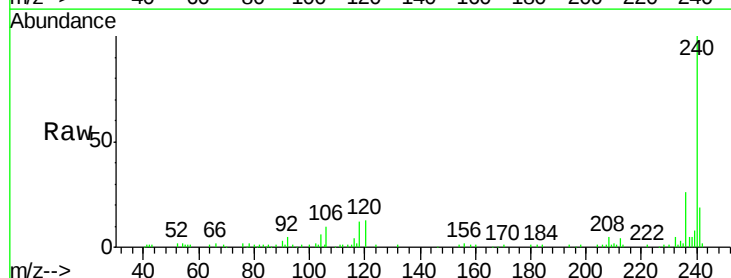


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

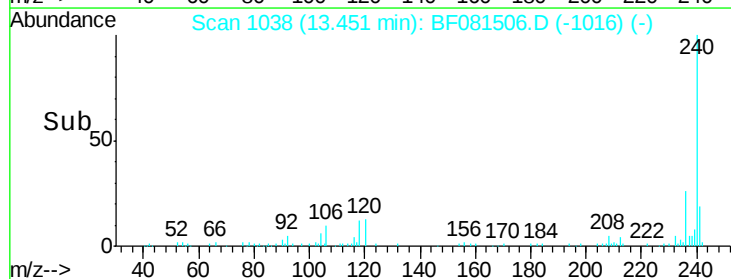
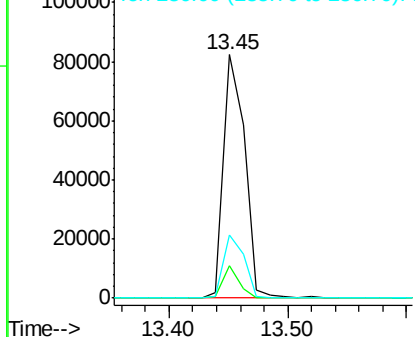


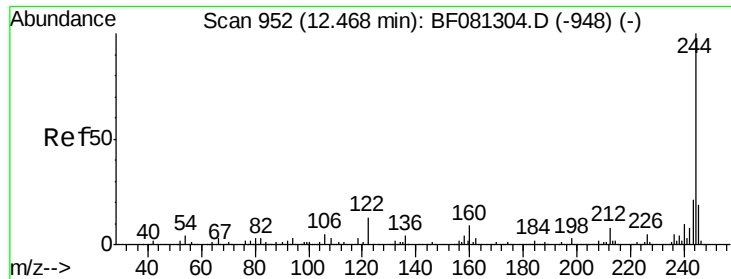
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081506.D
Acq: 6 Sep 2015 13:15

Tgt Ion:240 Resp: 101389
Ion Ratio Lower Upper
240 100
120 13.4 16.2 24.2#
236 25.9 18.4 27.6



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

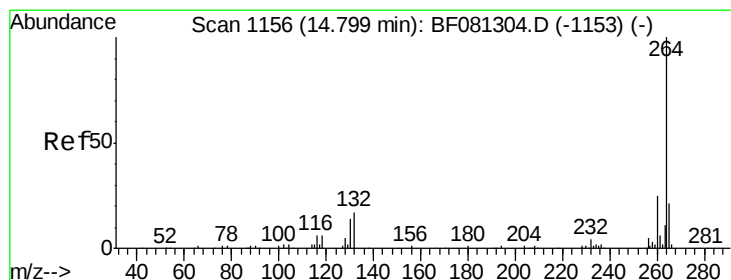
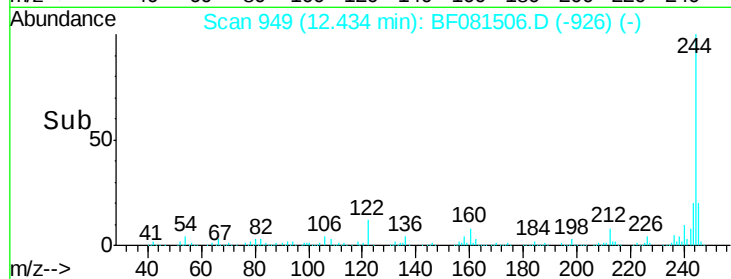
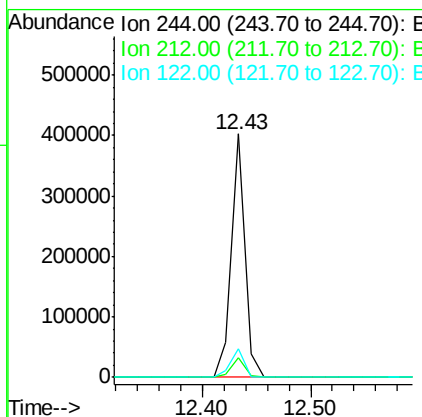
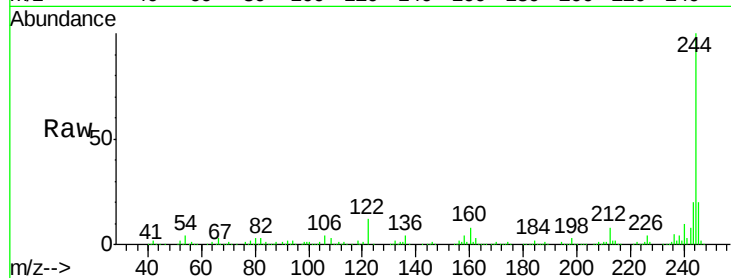




#78
 Terphenyl-d14
 Concen: 79.45 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081506.D
 Acq: 6 Sep 2015 13:15

Instrument :
 BNA_F
 ClientSampleId :
 NCCWS

Tot Ion:244 Resp: 346058
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081506.D
 Acq: 6 Sep 2015 13:15

Tgt Ion:264 Resp: 90979
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 20.7 17.2 25.8

