

Data Path : Z:\HPCHEM1\BNA_F\Data\BF110615\
 Data File : BF082748.D
 Acq On : 6 Nov 2015 3:05
 Operator : UM/IZ
 Sample : G4282-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFNW2-10

Quant Time: Nov 06 03:53:57 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

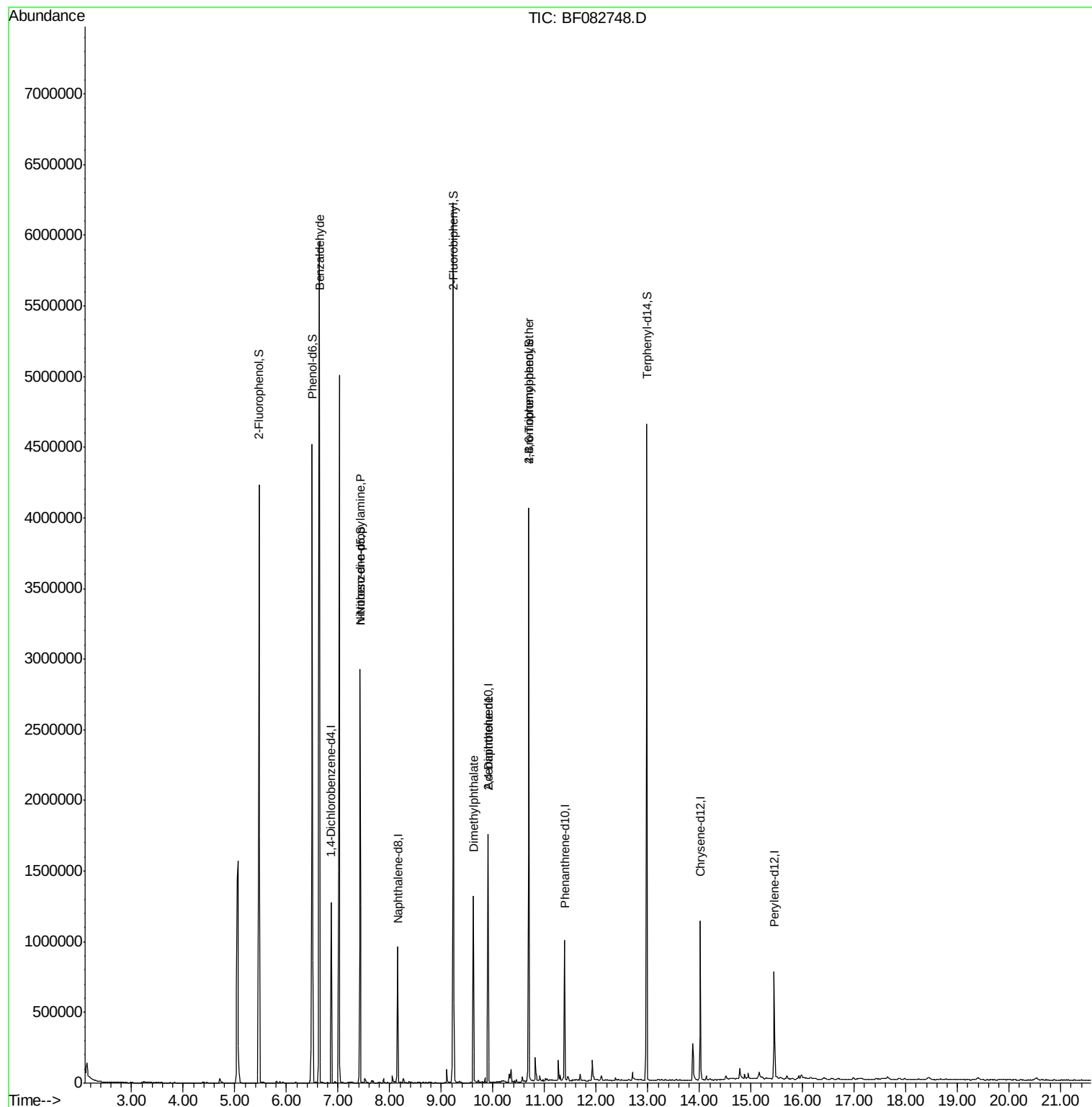
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	169024	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	593337	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	327009	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	531299	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	396593	20.00	ng	-0.03
86) Perylene-d12	15.45	264	355625	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1412684	125.88	ng	0.00
7) Phenol-d6	6.50	99	1752327	117.54	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1250949	86.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	453434	126.70	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1804031	78.33	ng	-0.02
78) Terphenyl-d14	12.98	244	1750920	96.62	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	44844	4.41	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	174254	15.42	ng	# 71
49) Dimethylphthalate	9.62	163	490400	18.36	ng	99
56) 2,4-Dinitrotoluene	9.90	165	42732	5.71	ng	# 16
66) 4-Bromophenyl-phenylether	10.69	248	32966	5.48	ng	# 1

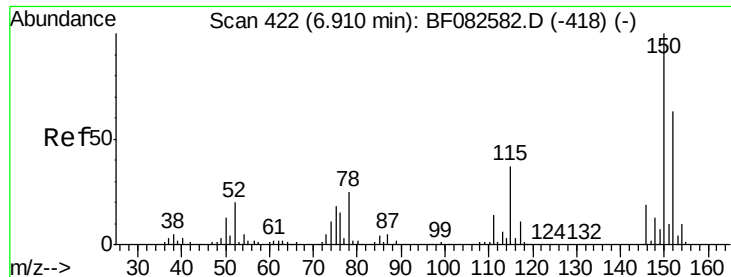
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082748.D

Acq: 6 Nov 2015 3:05

Instrument :

BNA_F

ClientSampleId :

OCFNW2-10

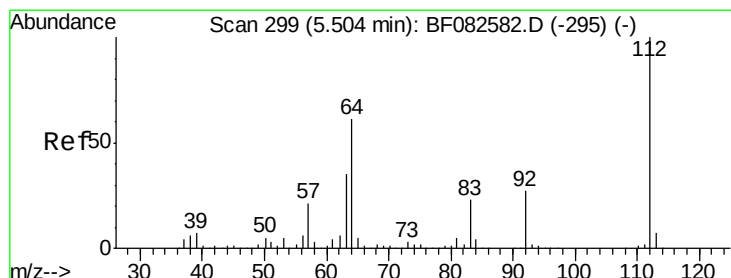
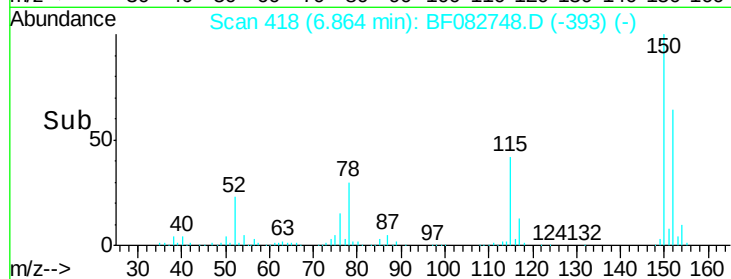
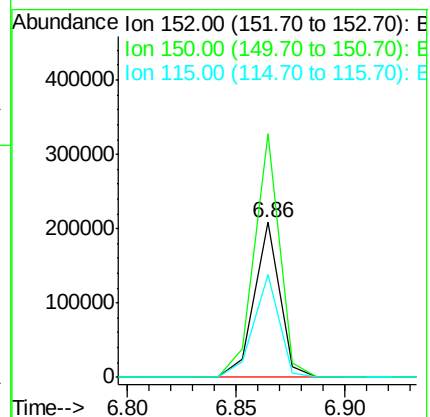
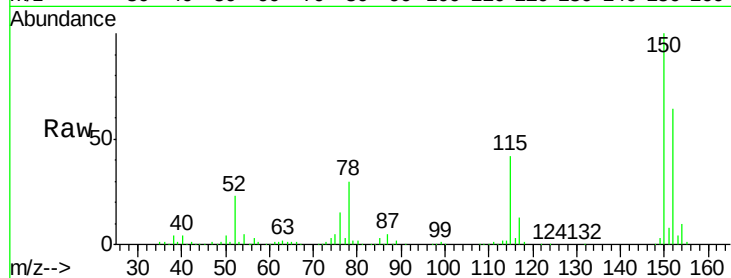
Tgt Ion:152 Resp: 169024

Ion Ratio Lower Upper

152 100

150 156.9 127.0 190.4

115 66.2 47.0 70.6



#5

2-Fluorophenol

Concen: 125.88 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

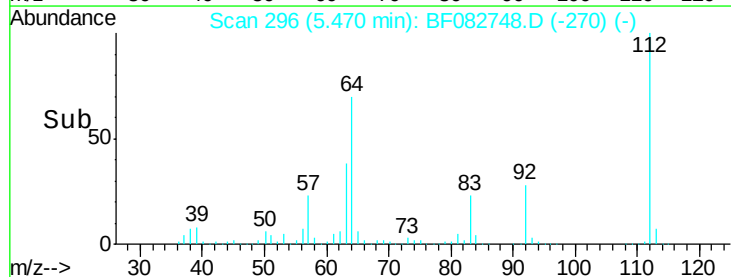
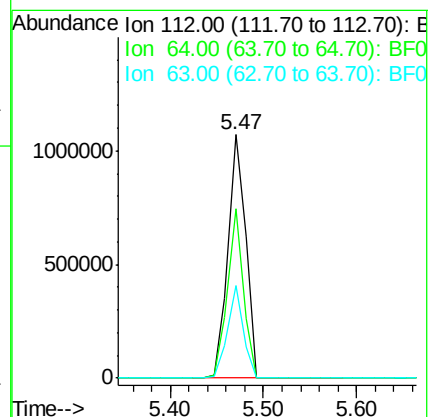
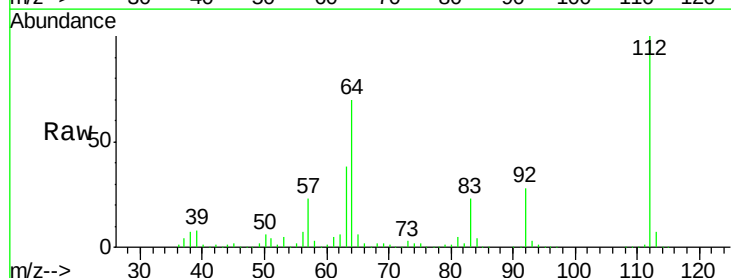
Tgt Ion:112 Resp: 1412684

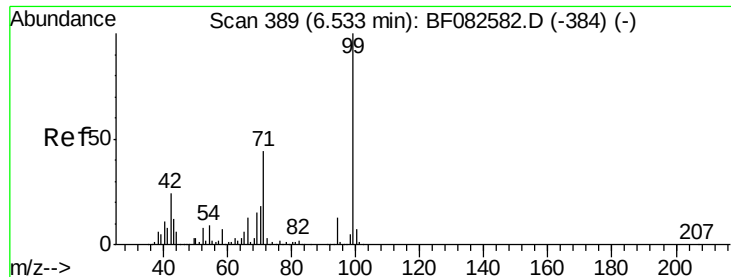
Ion Ratio Lower Upper

112 100

64 69.7 48.9 73.3

63 38.0 28.1 42.1





#7

Phenol-d6

Concen: 117.54 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

Instrument :

BNA_F

ClientSampleId :

OCFNW2-10

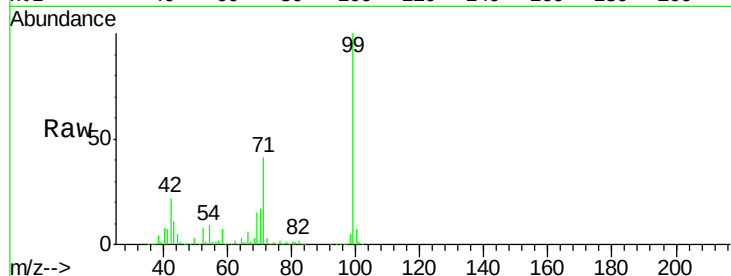
Tgt Ion: 99 Resp: 1752327

Ion Ratio Lower Upper

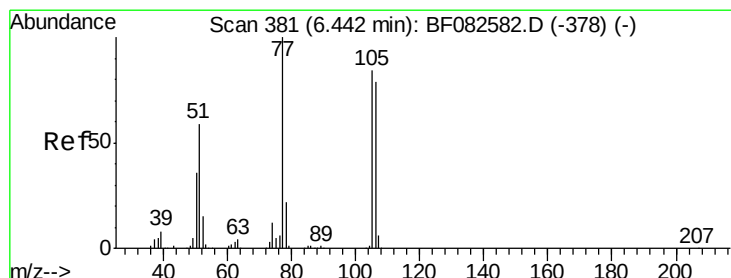
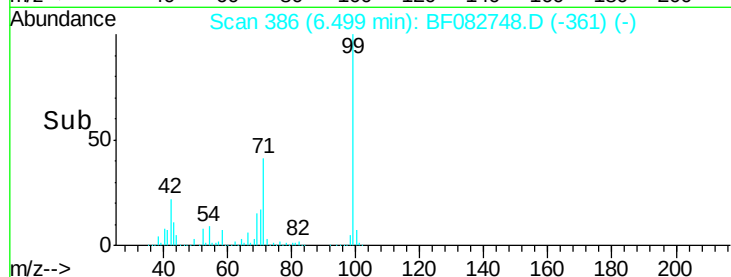
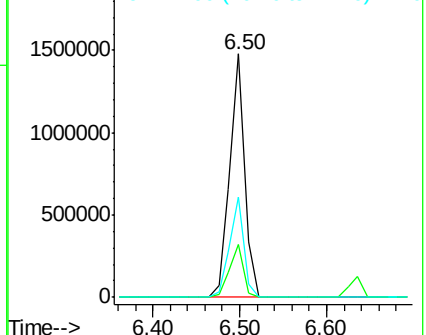
99 100

42 21.9 19.2 28.8

71 41.3 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



#9

Benzaldehyde

Concen: 4.41 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

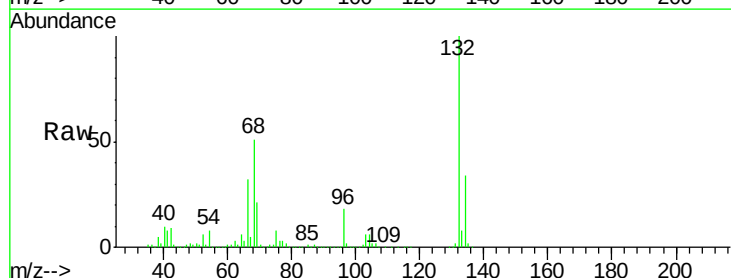
Tgt Ion: 77 Resp: 44844

Ion Ratio Lower Upper

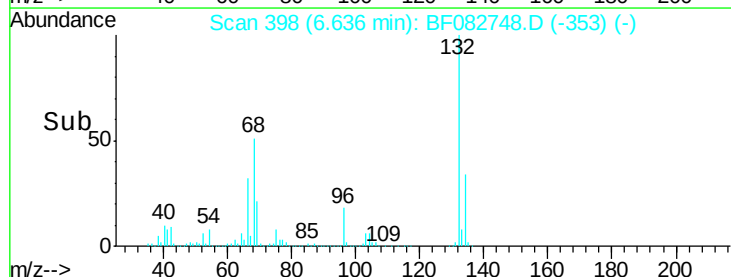
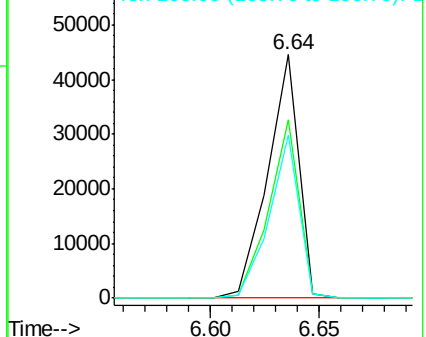
77 100

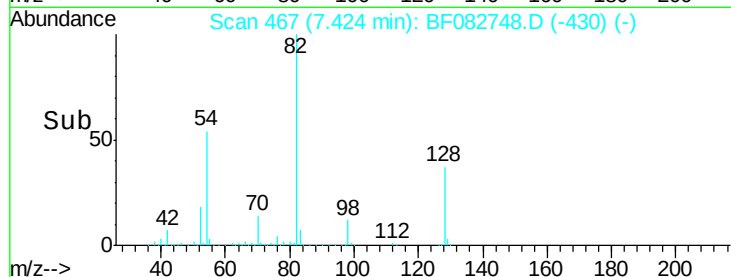
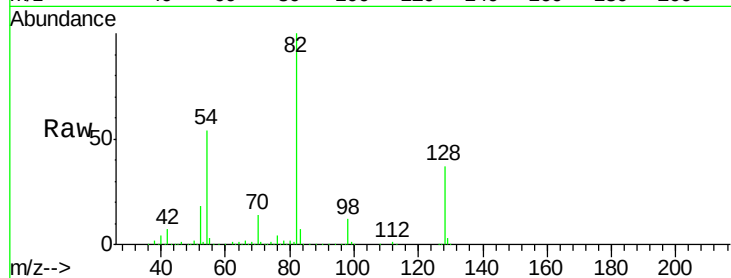
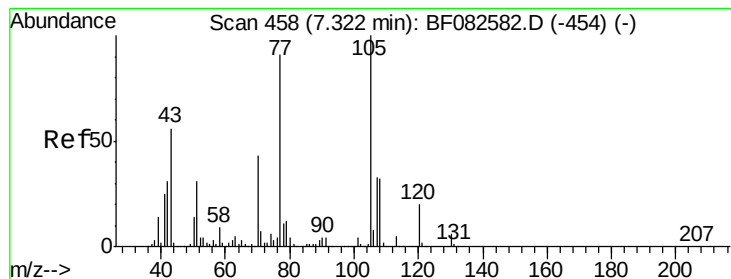
105 73.3 63.5 103.5

106 66.8 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.42 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

Instrument :

BNA_F

ClientSampleId :

OCFNW2-10

Tgt Ion: 70 Resp: 174254

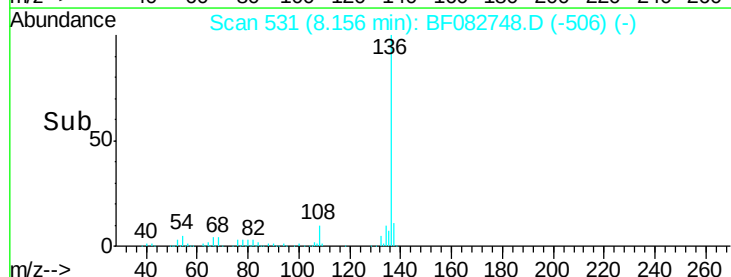
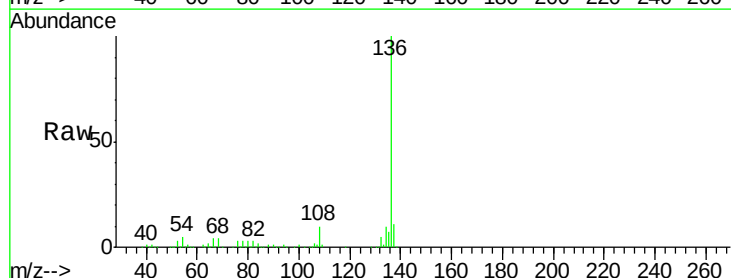
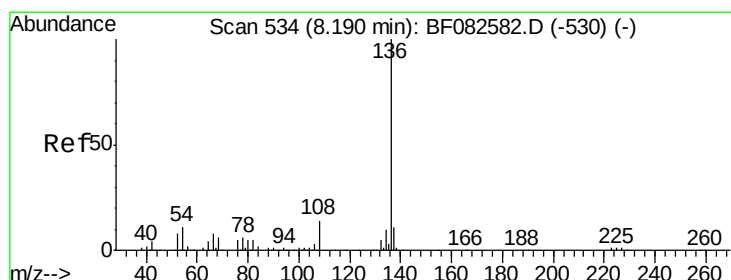
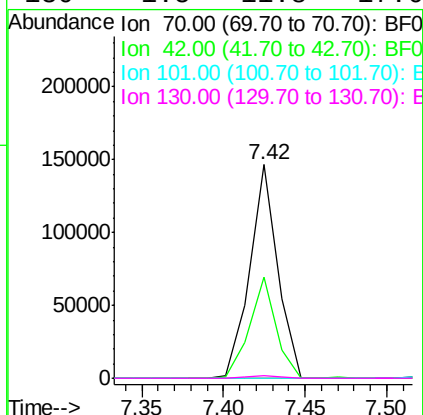
Ion Ratio Lower Upper

70 100

42 47.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.5 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

Tgt Ion: 136 Resp: 593337

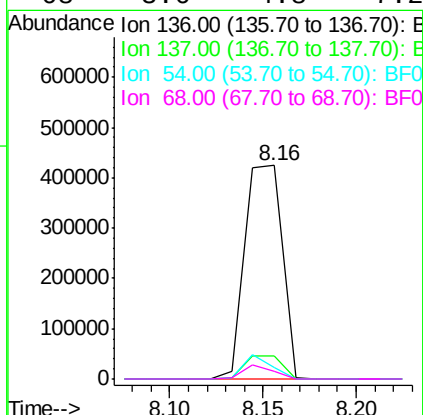
Ion Ratio Lower Upper

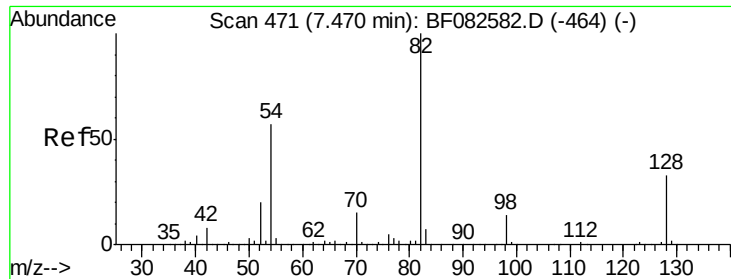
136 100

137 10.6 9.1 13.7

54 5.2 9.1 13.7#

68 3.6 4.8 7.2#

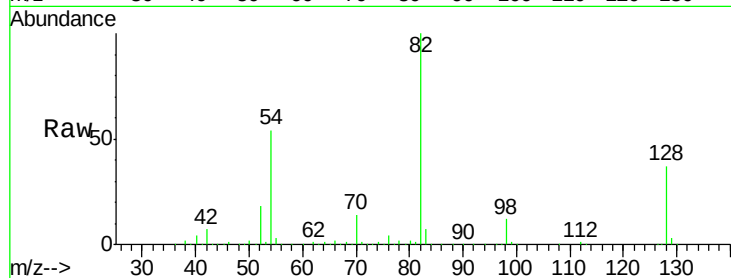




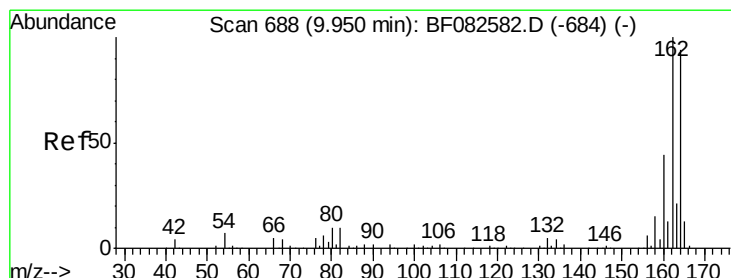
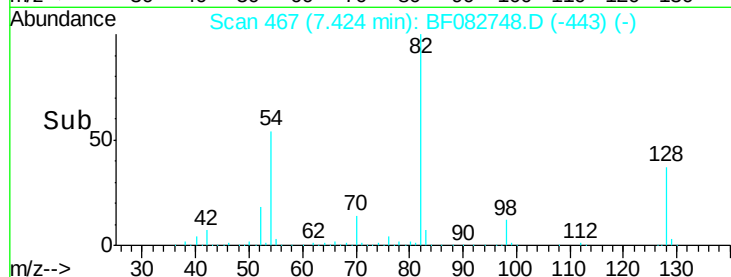
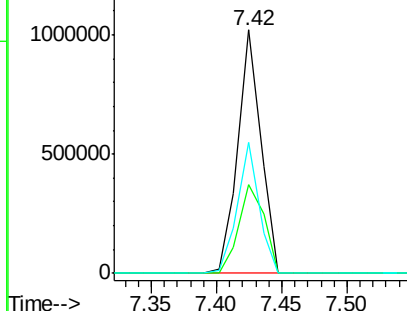
#23
 Nitrobenzene-d5
 Concen: 86.09 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082748.D
 Acq: 6 Nov 2015 3:05

Instrument :
 BNA_F
 ClientSampleId :
 OCFNW2-10

Tgt Ion: 82 Resp: 1250949
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.8 40.2
 54 53.6 45.7 68.5

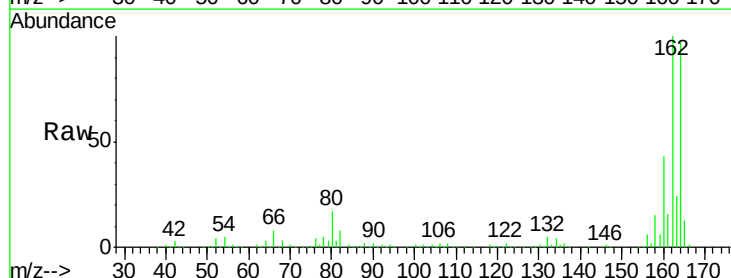


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

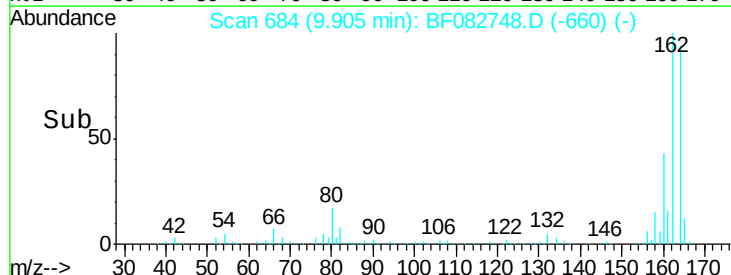
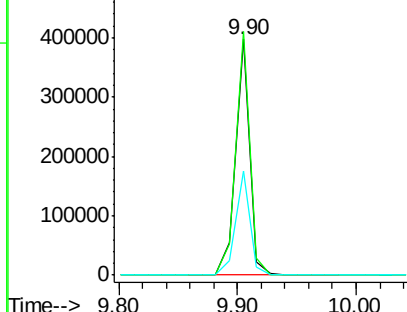


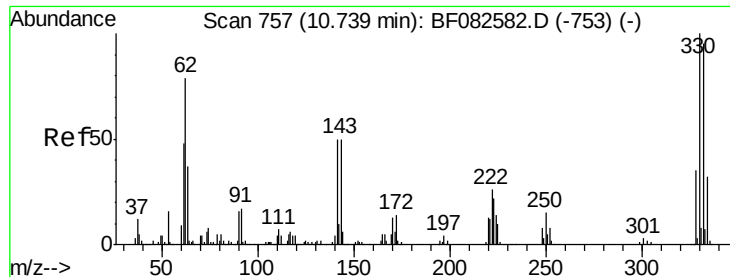
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082748.D
 Acq: 6 Nov 2015 3:05

Tgt Ion: 164 Resp: 327009
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.9 127.3
 160 44.0 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

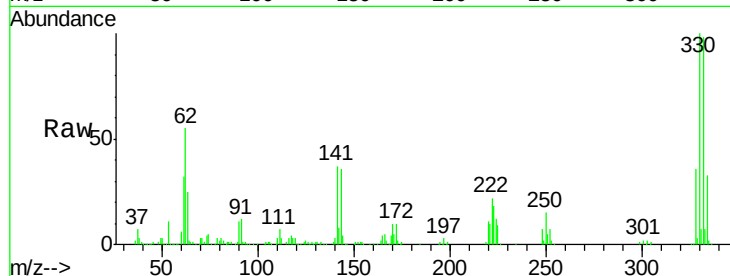




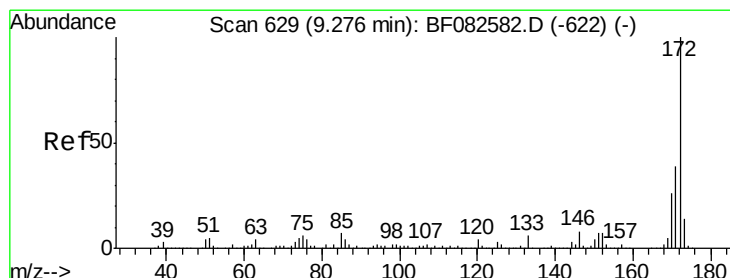
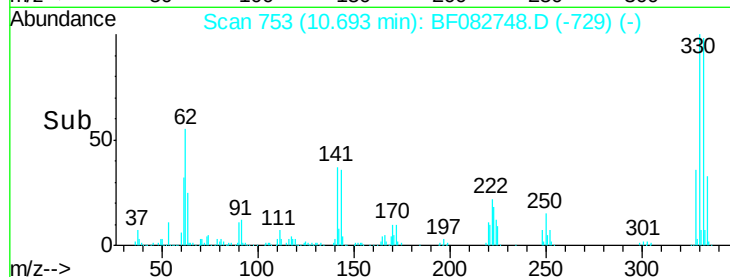
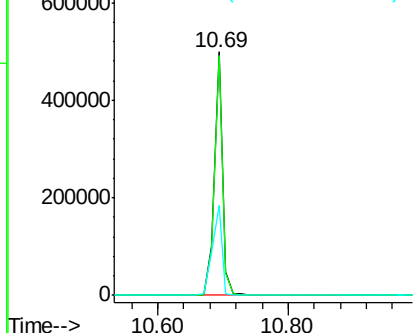
#41
 2,4,6-Tribromophenol
 Concen: 126.70 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082748.D
 Acq: 6 Nov 2015 3:05

Instrument :
 BNA_F
 ClientSampleId :
 OCFNW2-10

Tgt Ion:330 Resp: 453434
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 42.5 41.2 61.8

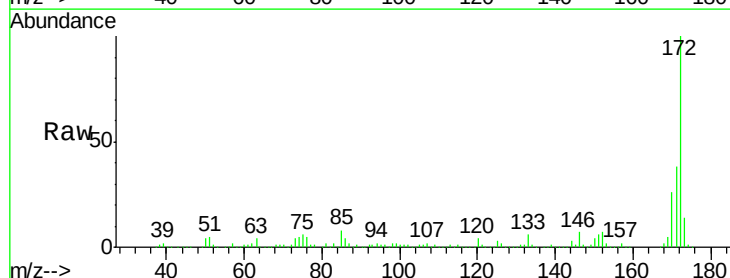


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

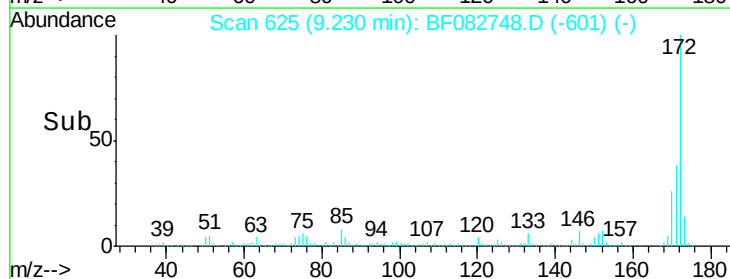
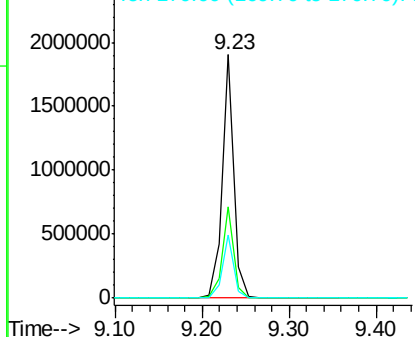


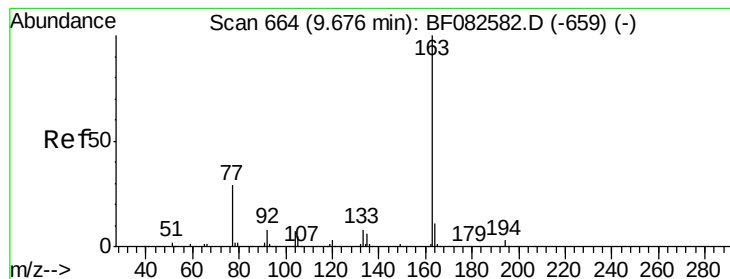
#44
 2-Fluorobiphenyl
 Concen: 78.33 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082748.D
 Acq: 6 Nov 2015 3:05

Tgt Ion:172 Resp: 1804031
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 26.0 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: 18.36 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

Instrument :

BNA_F

ClientSampleId :

OCFNW2-10

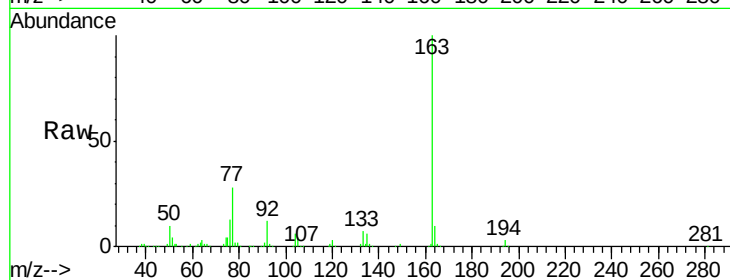
Tgt Ion:163 Resp: 490400

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

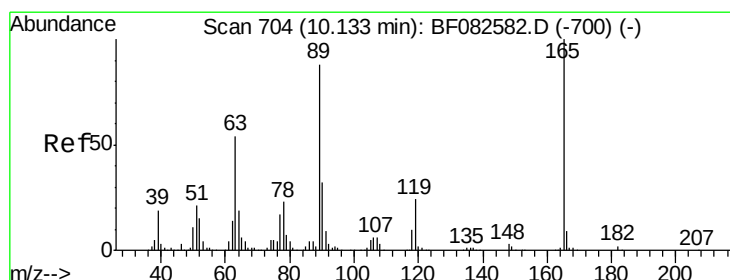
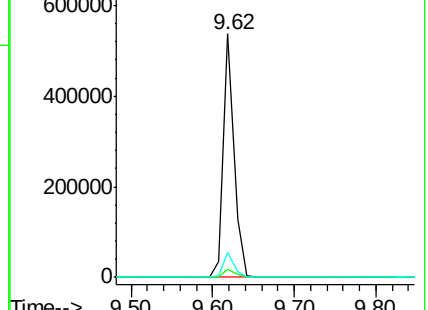
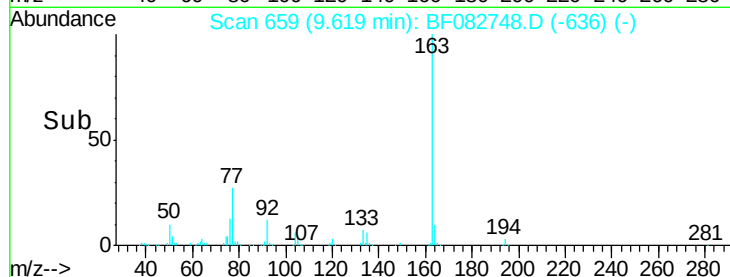
164 10.4 8.7 13.1



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: 5.71 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

Tgt Ion:165 Resp: 42732

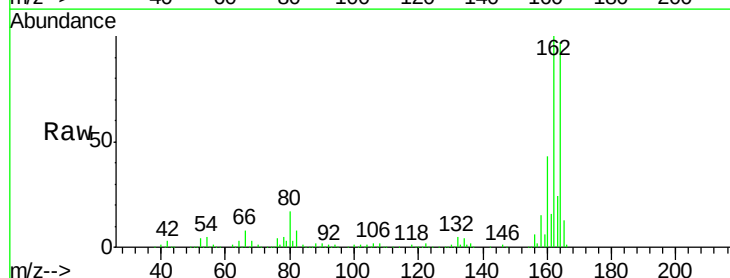
Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

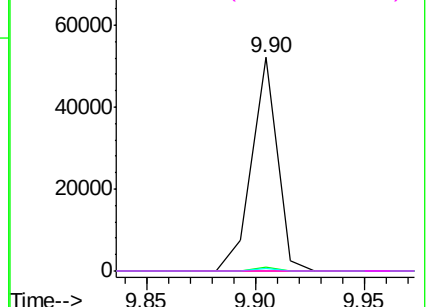
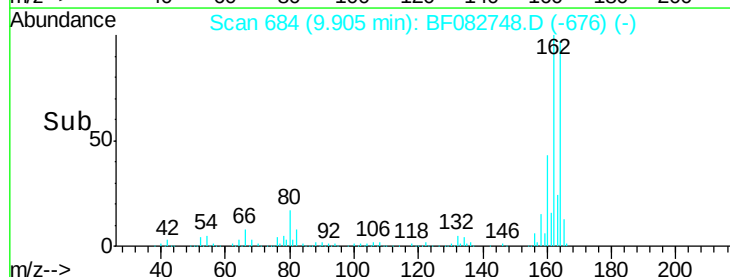


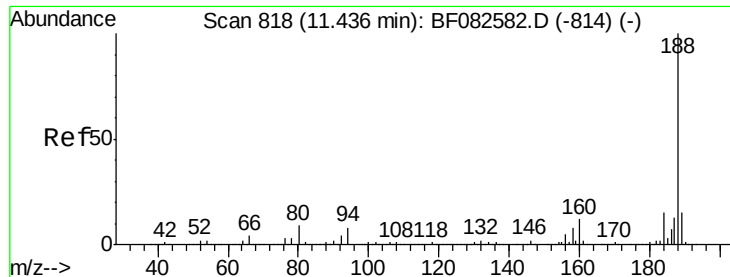
Abundance Ion 165.00 (164.70 to 165.70): E

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

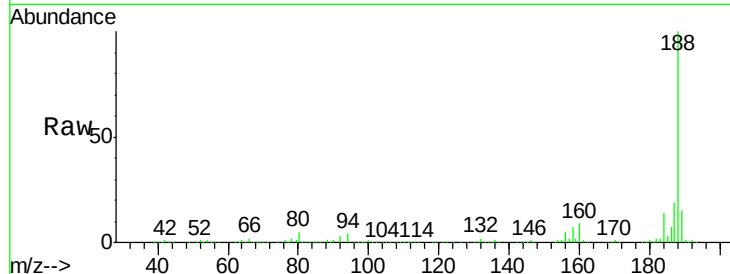




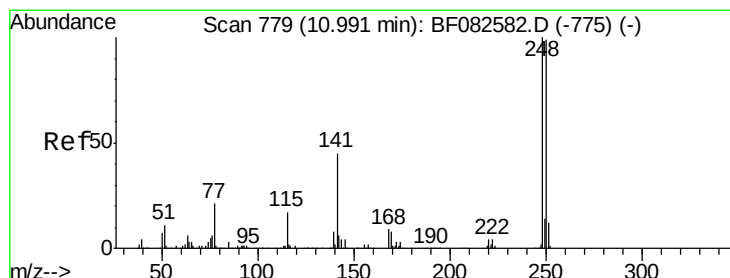
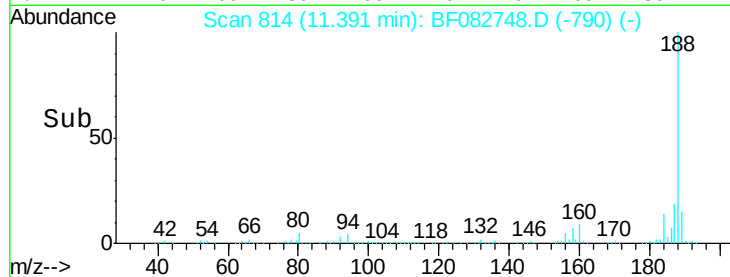
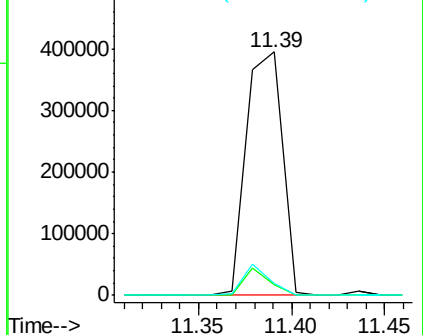
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF082748.D
 Acq: 6 Nov 2015 3:05

Instrument :
 BNA_F
 ClientSampleID :
 OCFNW2-10

Tgt Ion:188 Resp: 531299
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.1 9.1#
 80 4.7 7.0 10.6#

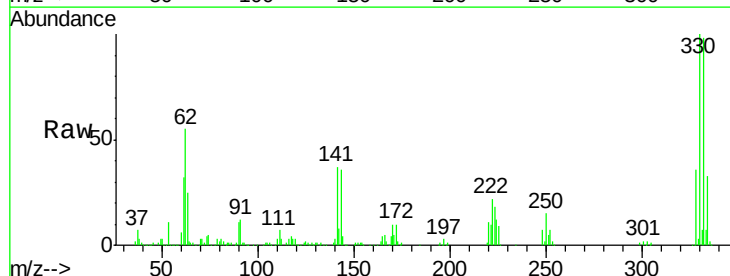


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

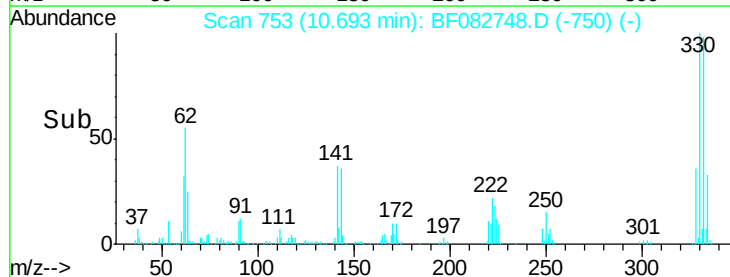
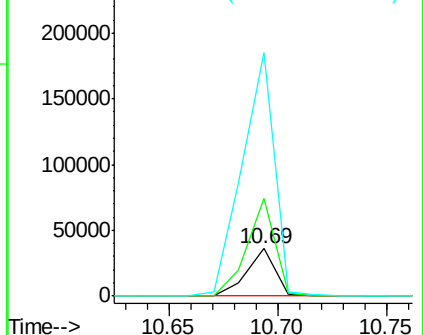


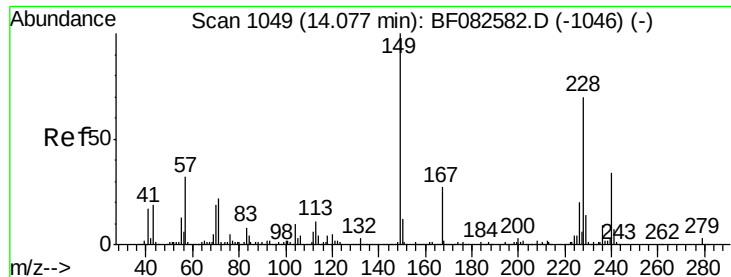
#66
 4-Bromophenyl-phenylether
 Concen: 5.48 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082748.D
 Acq: 6 Nov 2015 3:05

Tgt Ion:248 Resp: 32966
 Ion Ratio Lower Upper
 248 100
 250 206.8 79.4 119.2#
 141 513.2 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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

Instrument :

BNA_F

ClientSampleId :

OCFNW2-10

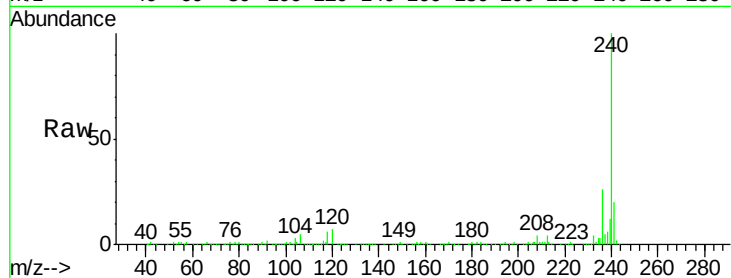
Tgt Ion:240 Resp: 396593

Ion Ratio Lower Upper

240 100

120 7.1 10.9 16.3#

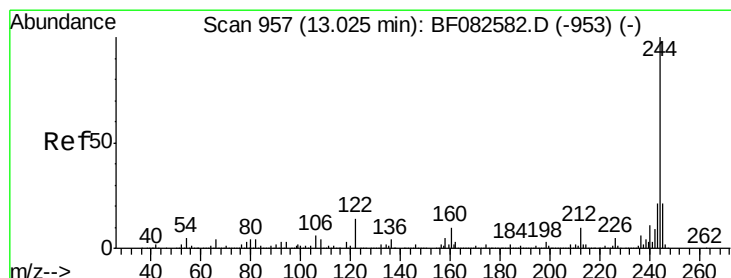
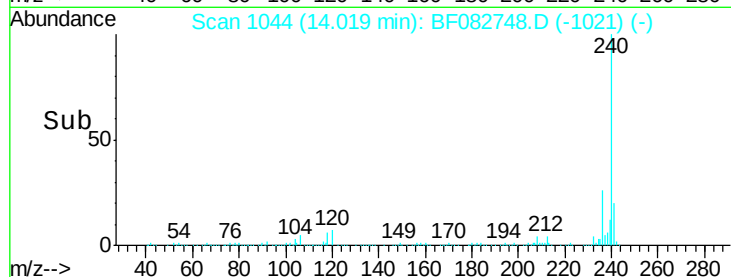
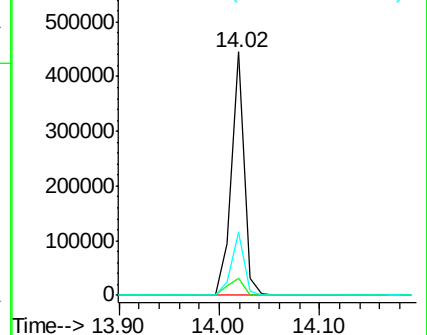
236 26.1 21.6 32.4



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: 96.62 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082748.D

Acq: 6 Nov 2015 3:05

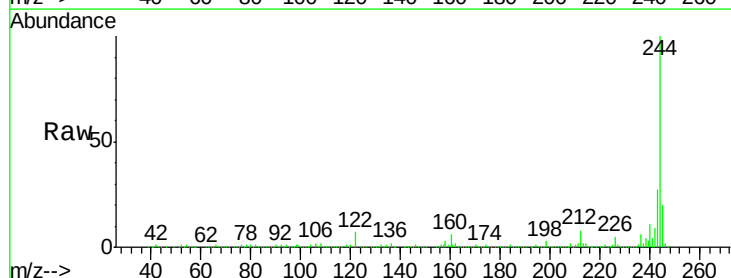
Tgt Ion:244 Resp: 1750920

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

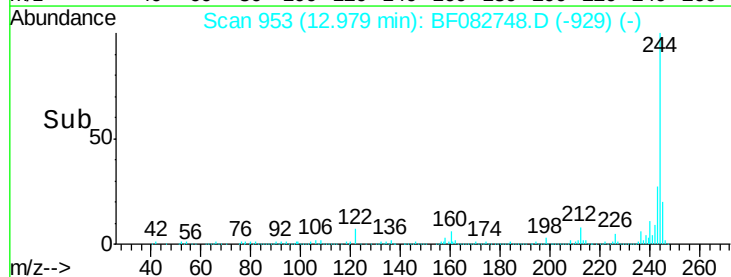
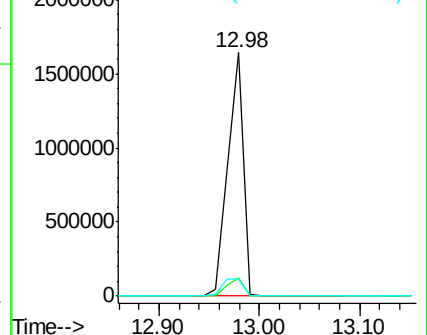
122 7.0 11.3 16.9#

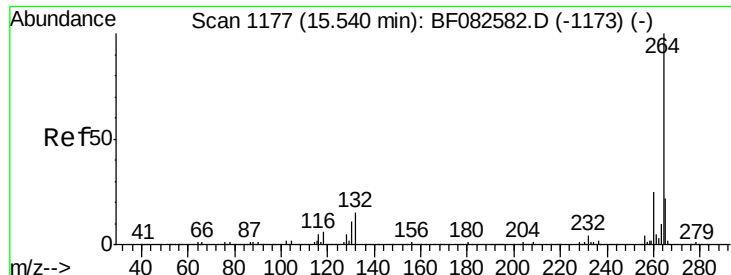


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082748.D
Acq: 6 Nov 2015 3:05

Instrument :
BNA_F
ClientSampleId :
OCFNW2-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.4	17.4	26.0

