

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082747.D
 Acq On : 6 Nov 2015 2:36
 Operator : UM/IZ
 Sample : G4282-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFNW1-10

Quant Time: Nov 06 03:25:02 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

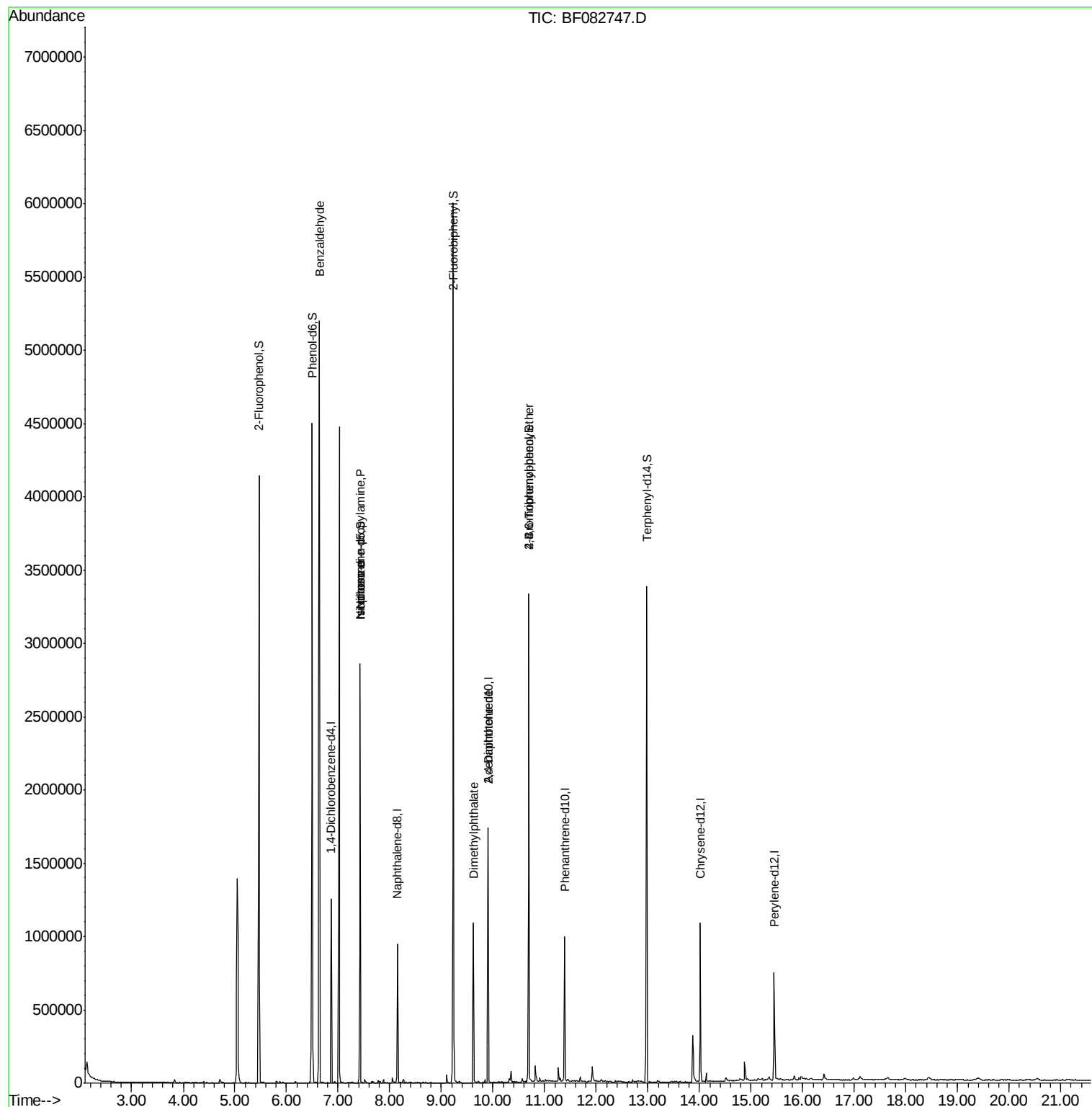
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	164330	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	580447	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	319932	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	529441	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	379196	20.00	ng	-0.03
86) Perylene-d12	15.45	264	357577	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1148772	105.29	ng	0.00
7) Phenol-d6	6.50	99	1568876	108.24	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1037831	73.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	393802	112.47	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1691286	75.06	ng	-0.02
78) Terphenyl-d14	12.98	244	1471922	84.95	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	39972	4.04	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.42	70	142116	12.93	ng	# 72
25) Isophorone	7.42	82	813461	31.11	ng	# 69
49) Dimethylphthalate	9.62	163	389364	14.90	ng	100
56) 2,4-Dinitrotoluene	9.90	165	40920	5.59	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	30156	5.03	ng	# 1

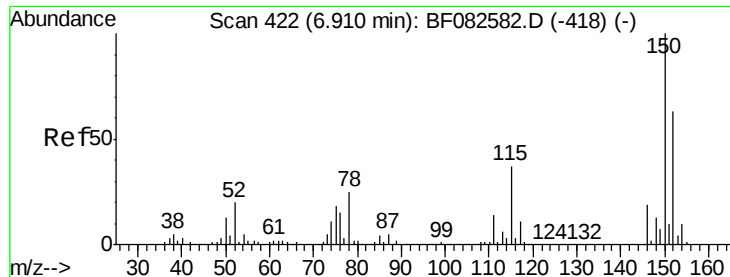
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082747.D

Acq: 6 Nov 2015 2:36

Instrument :

BNA_F

ClientSampleId :

OCFNW1-10

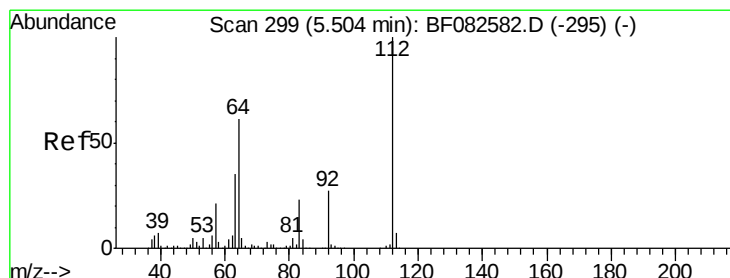
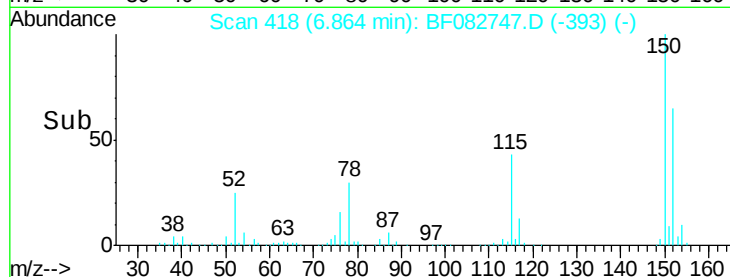
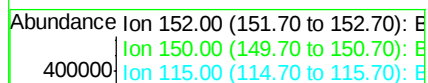
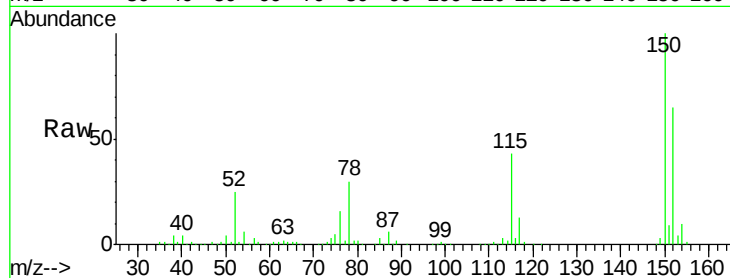
Tgt Ion:152 Resp: 164330

Ion Ratio Lower Upper

152 100

150 154.7 127.0 190.4

115 67.0 47.0 70.6



#5

2-Fluorophenol

Concen: 105.29 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

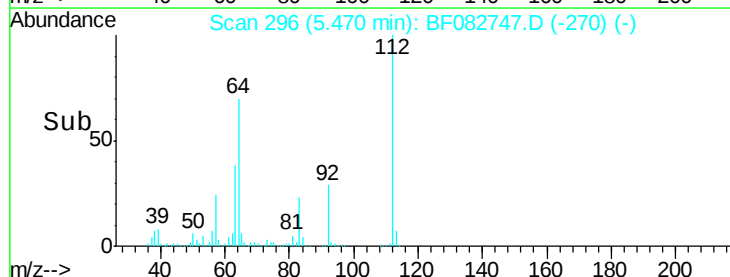
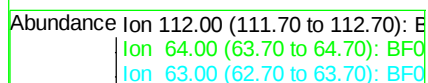
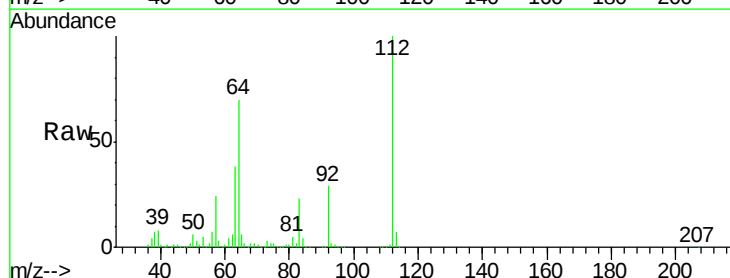
Tgt Ion:112 Resp: 1148772

Ion Ratio Lower Upper

112 100

64 69.6 48.9 73.3

63 37.9 28.1 42.1





#7

Phenol-d6

Concen: 108.24 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

Instrument :

BNA_F

ClientSampleId :

OCFNW1-10

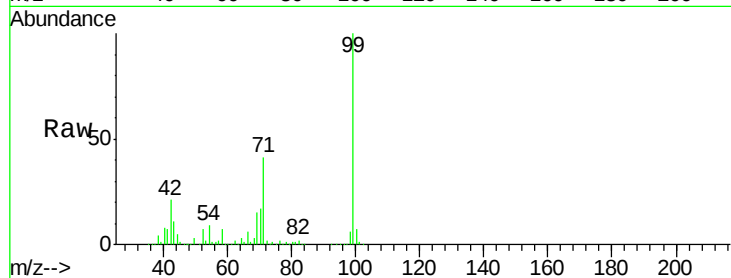
Tgt Ion: 99 Resp: 1568876

Ion Ratio Lower Upper

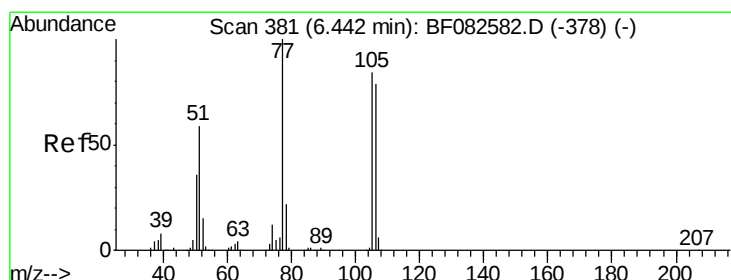
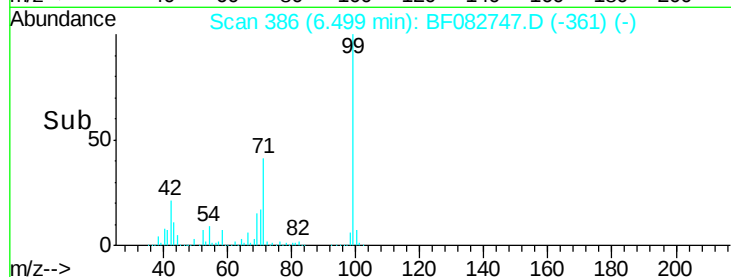
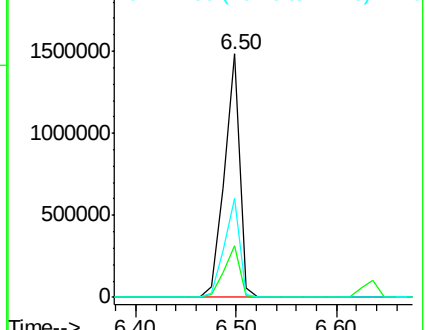
99 100

42 21.5 19.2 28.8

71 40.8 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



#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

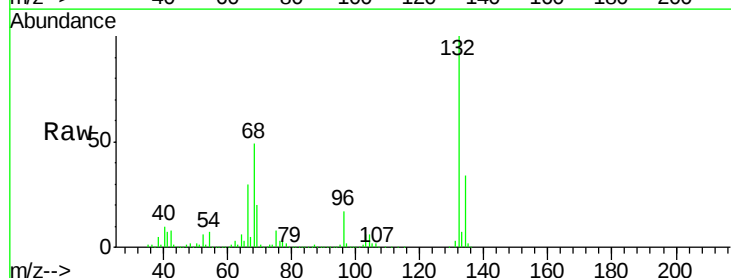
Tgt Ion: 77 Resp: 39972

Ion Ratio Lower Upper

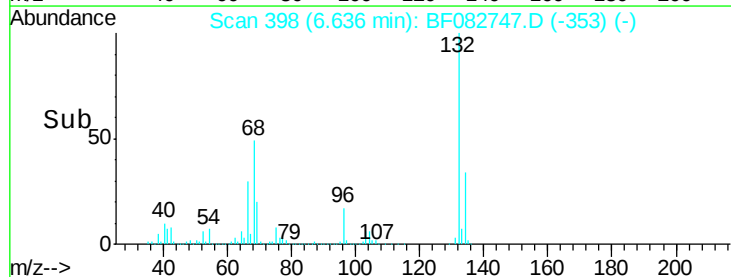
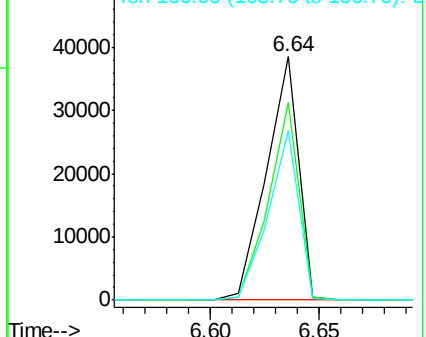
77 100

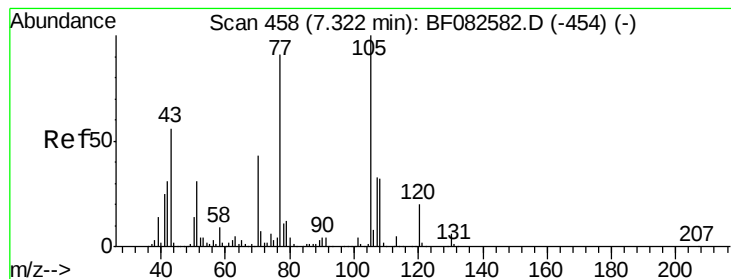
105 80.9 63.5 103.5

106 69.7 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: 12.93 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

Instrument :

BNA_F

ClientSampleId :

OCFNW1-10

Tgt Ion: 70 Resp: 142116

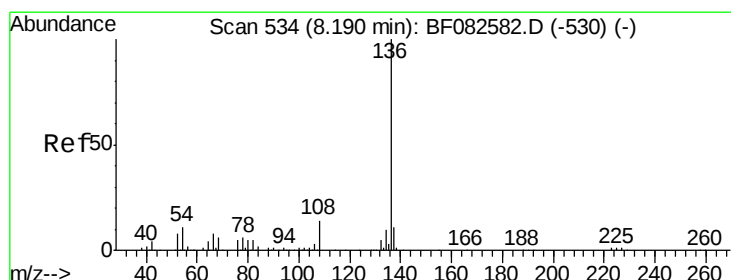
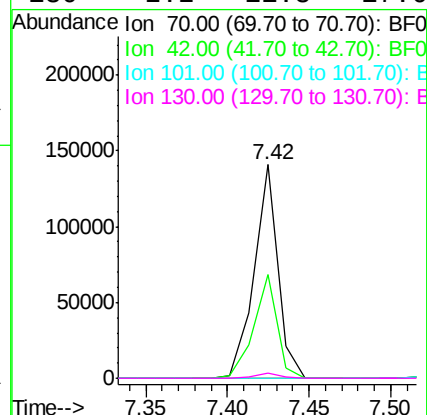
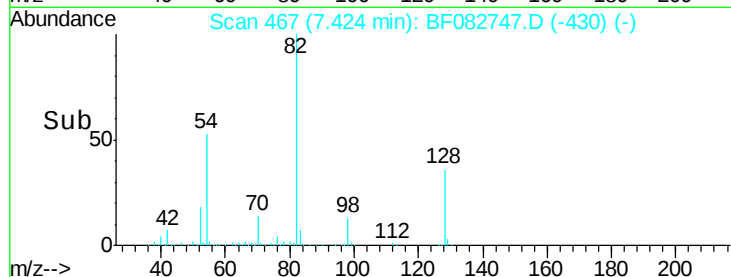
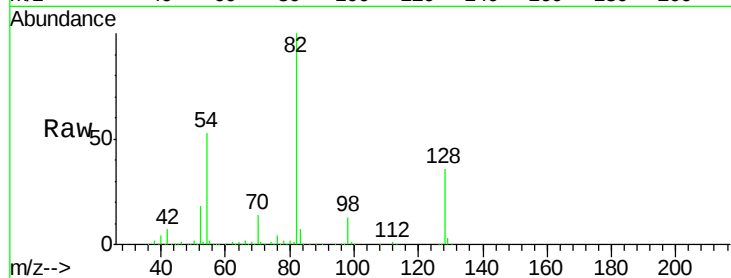
Ion Ratio Lower Upper

70 100

42 48.4 57.7 86.5#

101 0.0 7.0 10.6#

130 2.2 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: BF082747.D

Acq: 6 Nov 2015 2:36

Tgt Ion: 136 Resp: 580447

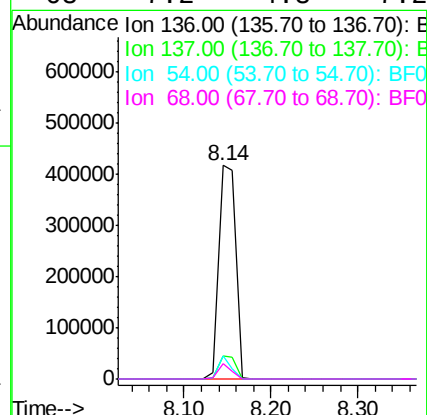
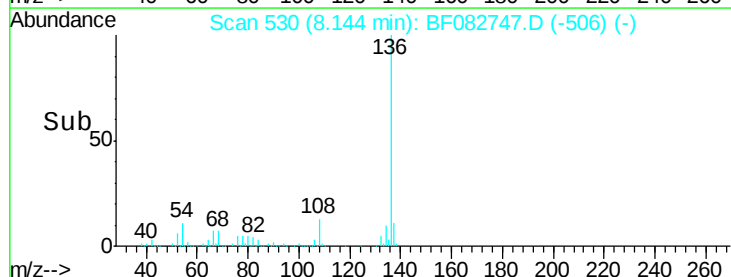
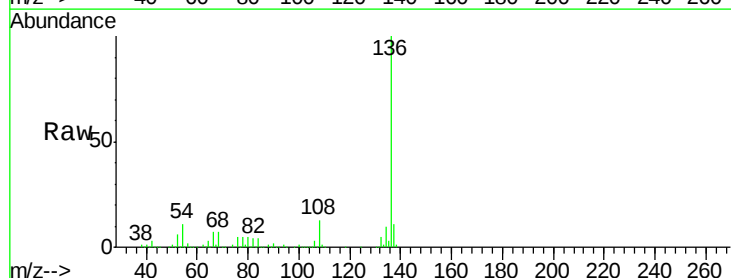
Ion Ratio Lower Upper

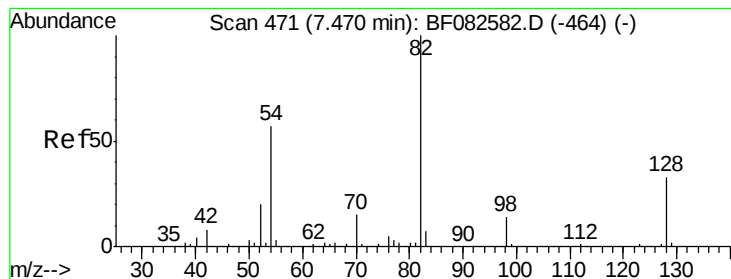
136 100

137 11.1 9.1 13.7

54 11.1 9.1 13.7

68 7.2 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 73.01 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

Instrument :

BNA_F

ClientSampleId :

OCFNW1-10

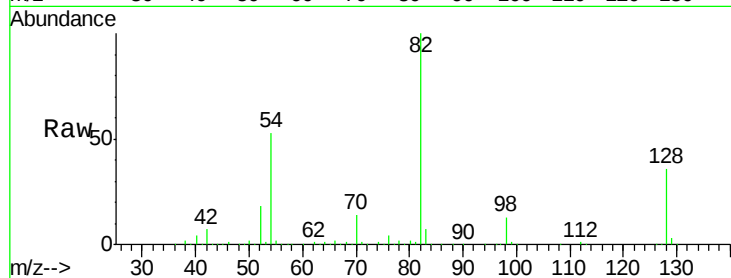
Tgt Ion: 82 Resp: 1037831

Ion Ratio Lower Upper

82 100

128 36.3 26.8 40.2

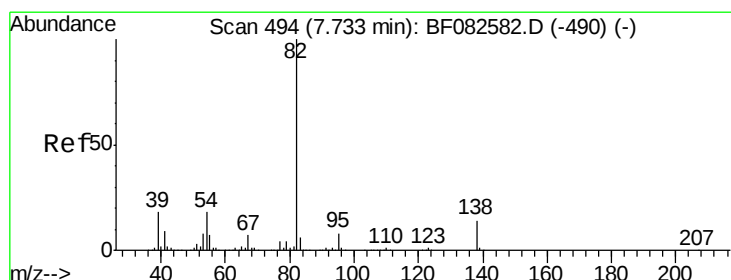
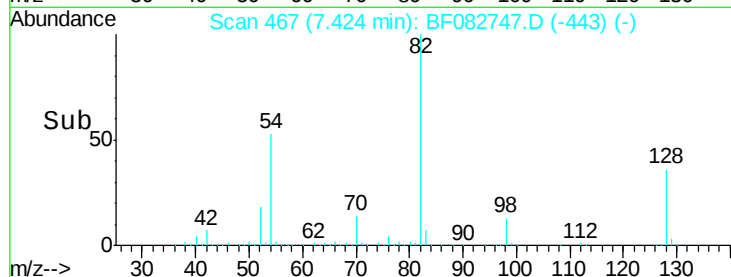
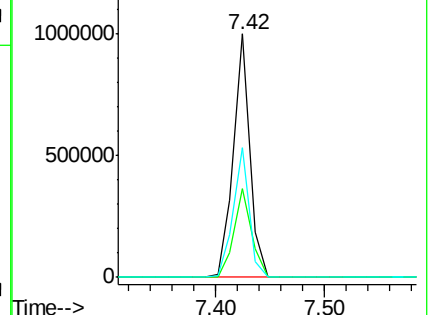
54 53.4 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 31.11 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

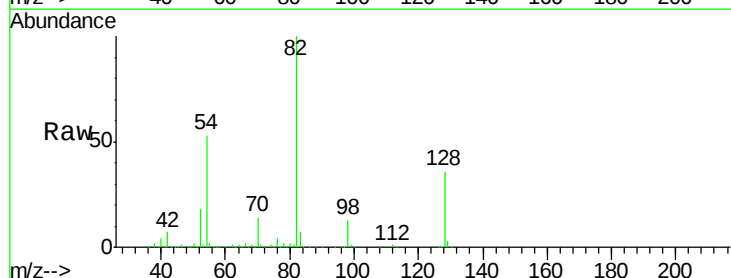
Tgt Ion: 82 Resp: 813461

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

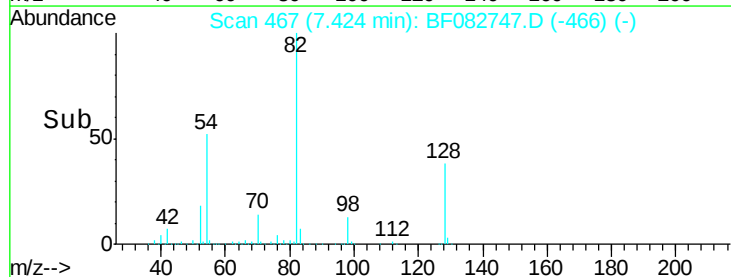
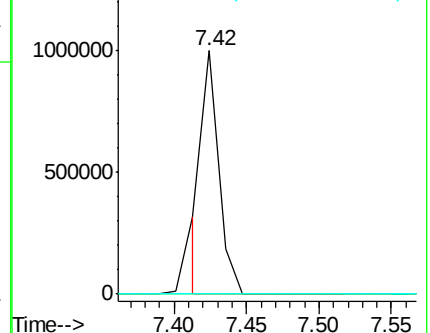
138 0.0 11.4 17.0#

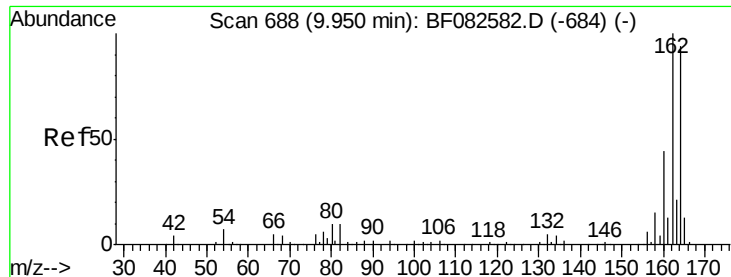


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

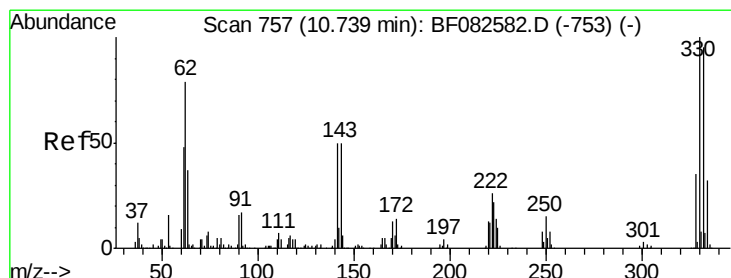
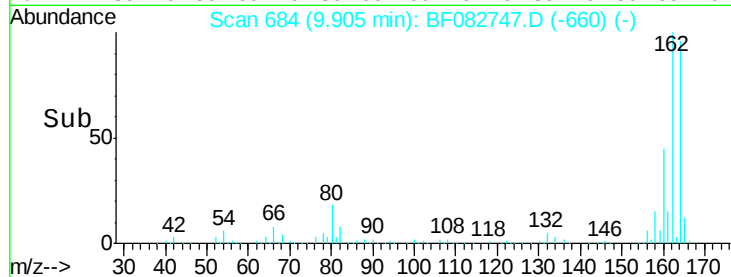
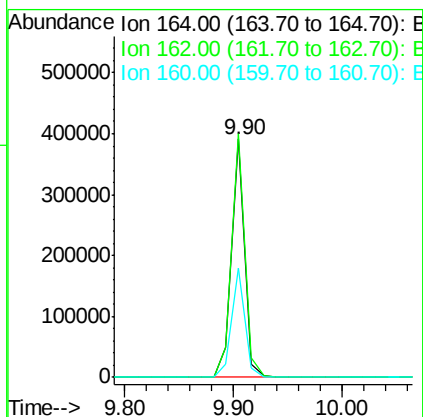
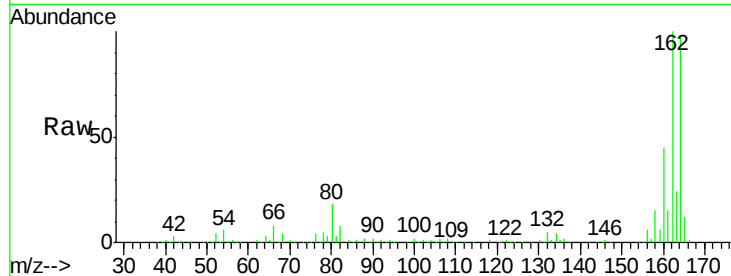




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082747.D
 Acq: 6 Nov 2015 2:36

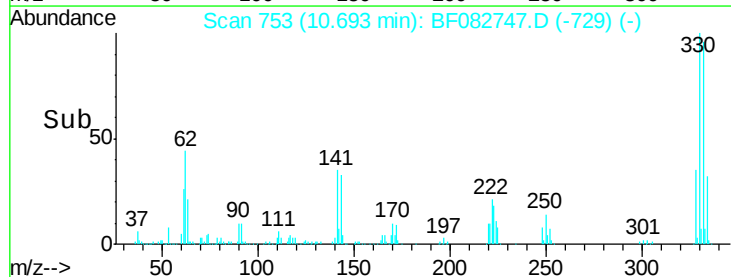
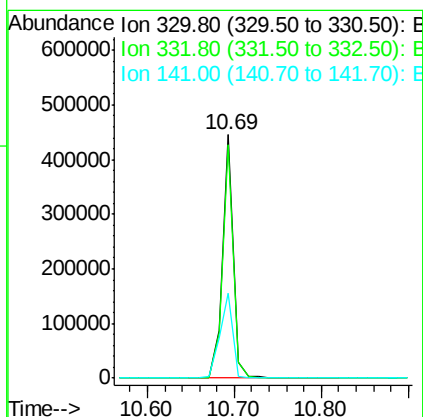
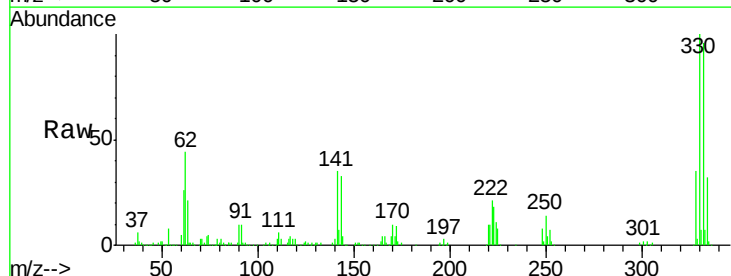
Instrument :
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 OCFNW1-10

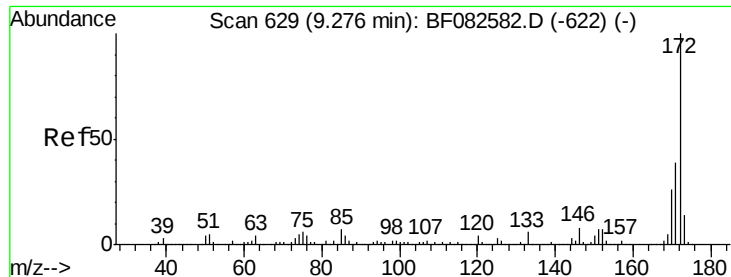
Tgt Ion:164 Resp: 319932
 Ion Ratio Lower Upper
 164 100
 162 102.3 84.9 127.3
 160 46.0 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 112.47 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082747.D
 Acq: 6 Nov 2015 2:36

Tgt Ion:330 Resp: 393802
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 41.2 41.2 61.8#

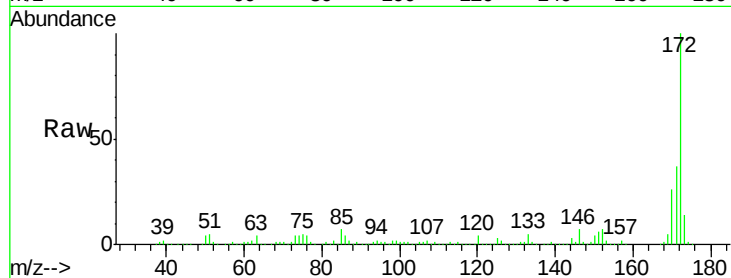




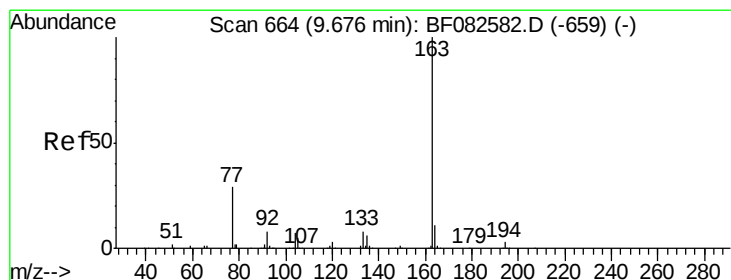
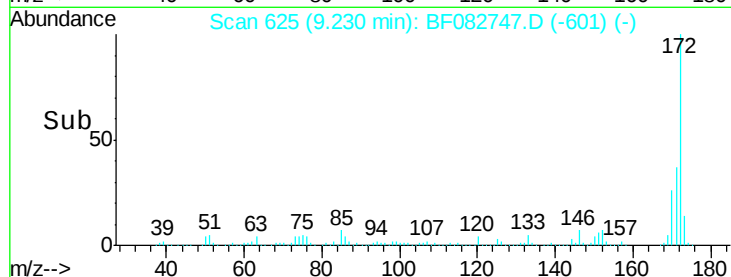
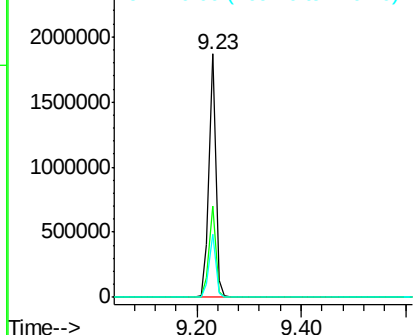
#44
 2-Fluorobiphenyl
 Concen: 75.06 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082747.D
 Acq: 6 Nov 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 OCFNW1-10

Tgt Ion:172 Resp: 1691286
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.8 21.2 31.8

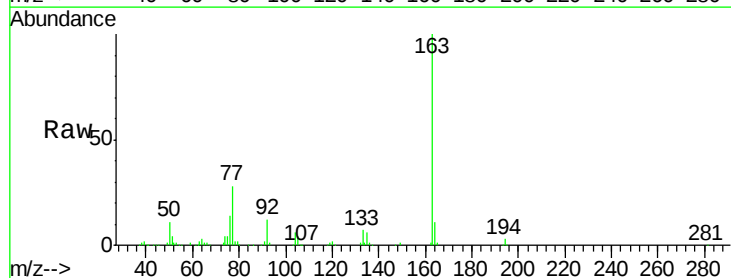


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

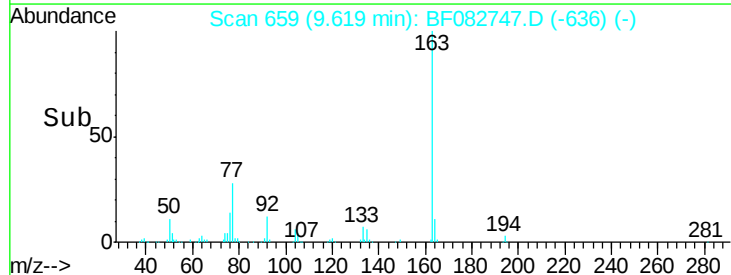
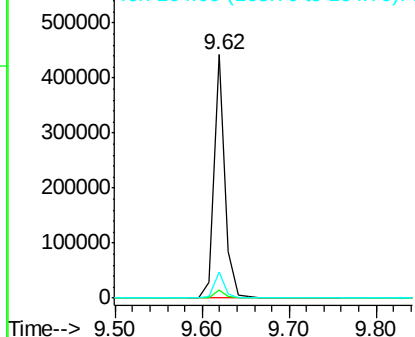


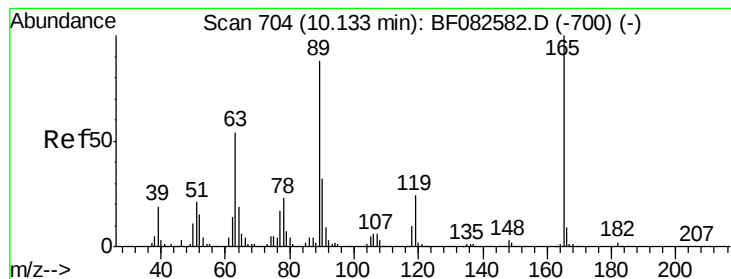
#49
 Dimethylphthalate
 Concen: 14.90 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082747.D
 Acq: 6 Nov 2015 2:36

Tgt Ion:163 Resp: 389364
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.7 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: 5.59 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

Instrument :

BNA_F

ClientSampleId :

OCFNW1-10

Tgt Ion:165 Resp: 40920

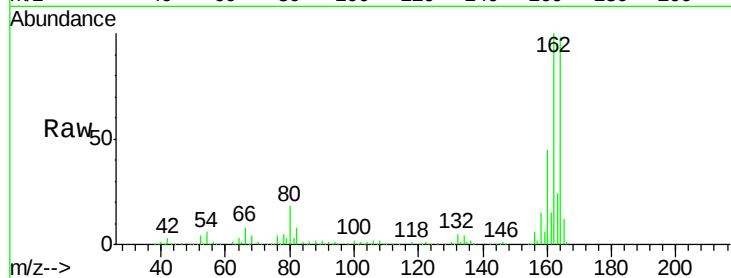
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

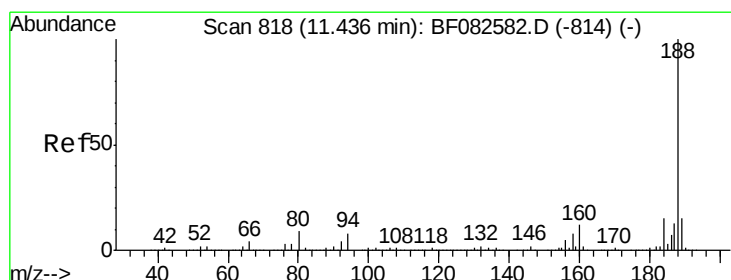
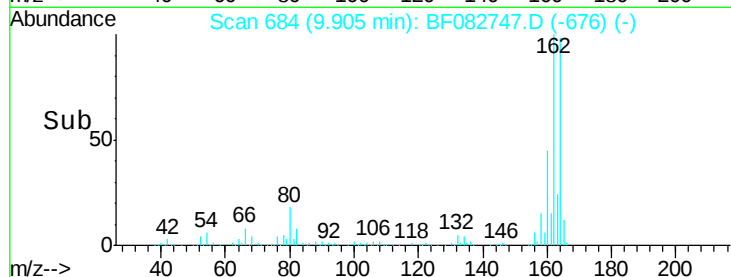
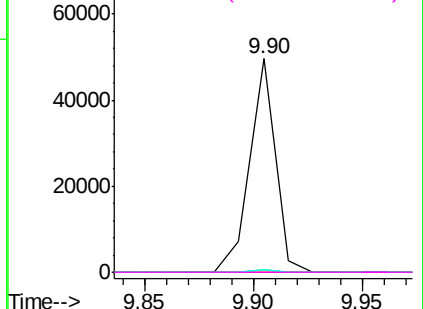


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082747.D

Acq: 6 Nov 2015 2:36

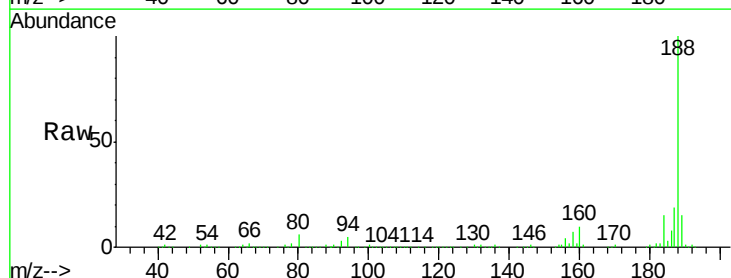
Tgt Ion:188 Resp: 529441

Ion Ratio Lower Upper

188 100

94 4.9 6.1 9.1#

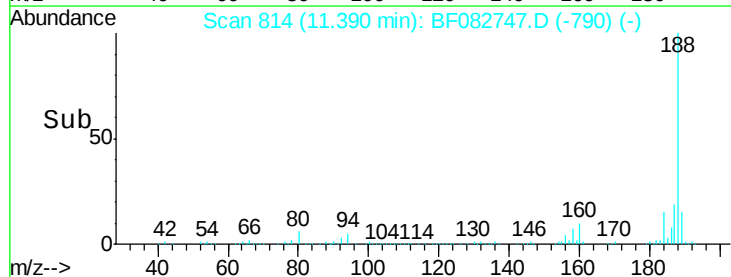
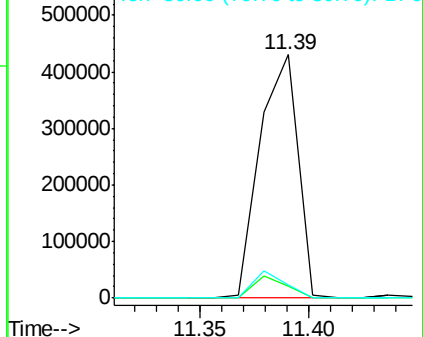
80 5.5 7.0 10.6#

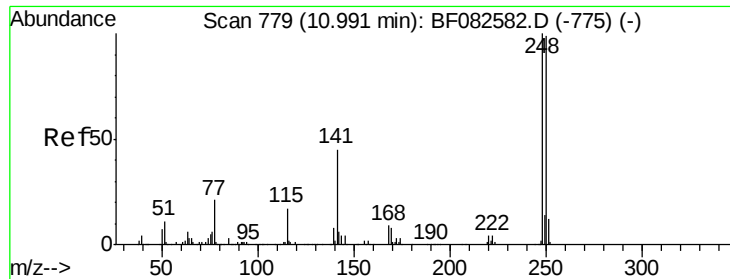


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

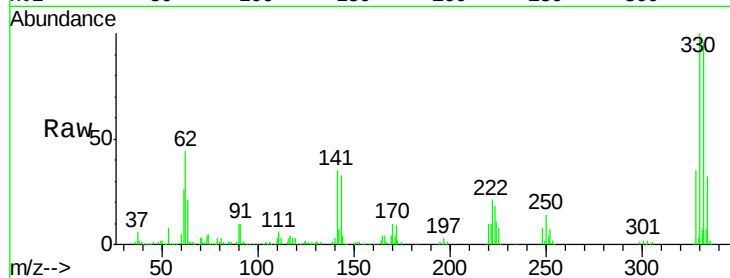




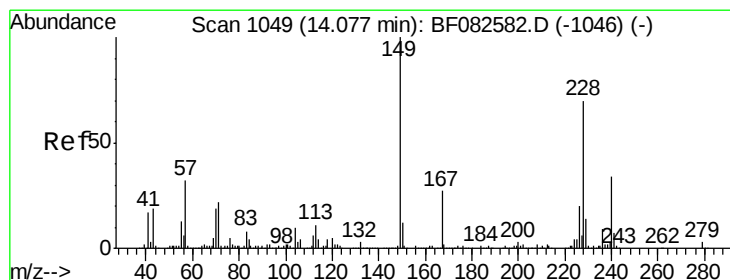
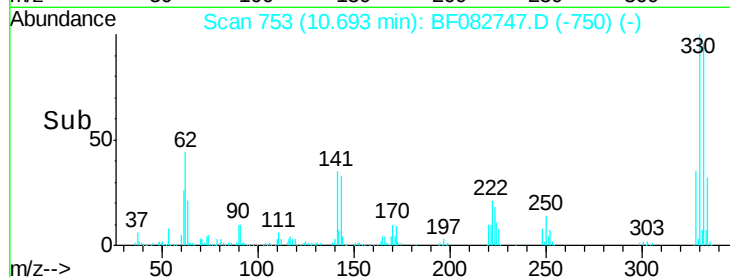
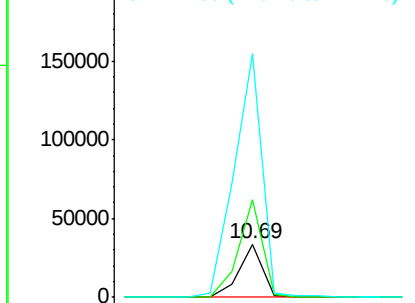
#66
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082747.D
Acq: 6 Nov 2015 2:36

Instrument :
BNA_F
ClientSampleId :
OCFNW1-10

Tgt Ion:248 Resp: 30156
Ion Ratio Lower Upper
248 100
250 184.5 79.4 119.2#
141 459.5 36.3 54.5#

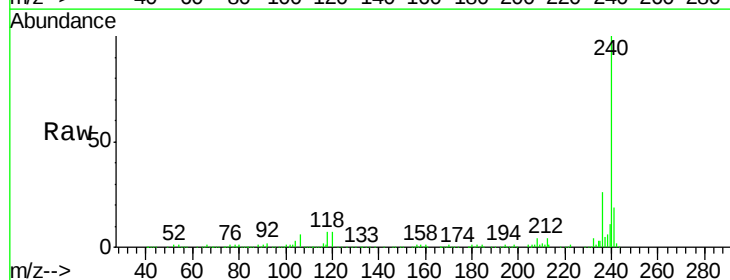


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

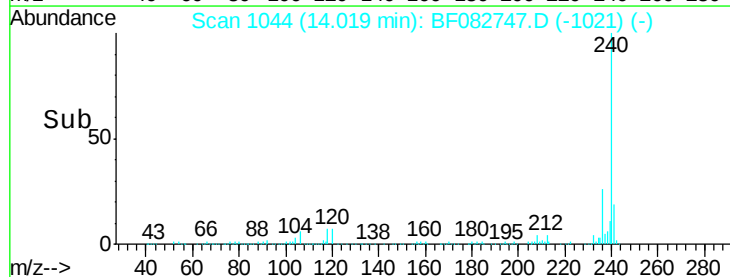
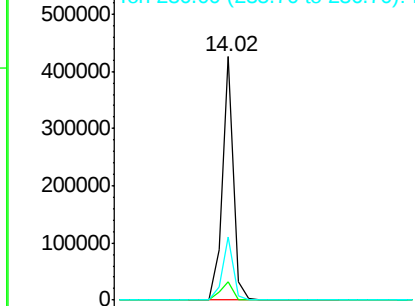


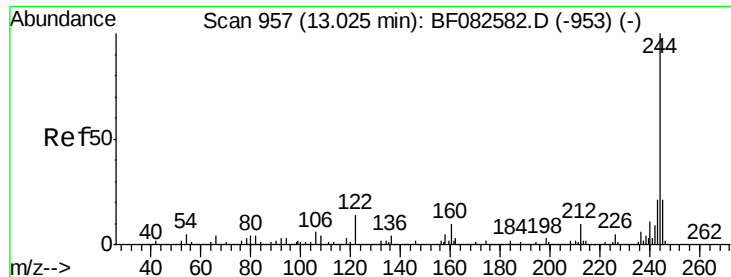
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082747.D
Acq: 6 Nov 2015 2:36

Tgt Ion:240 Resp: 379196
Ion Ratio Lower Upper
240 100
120 7.5 10.9 16.3#
236 26.0 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: 84.95 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082747.D

Acq: 6 Nov 2015 2:36

Instrument :

BNA_F

ClientSampleId :

OCFNW1-10

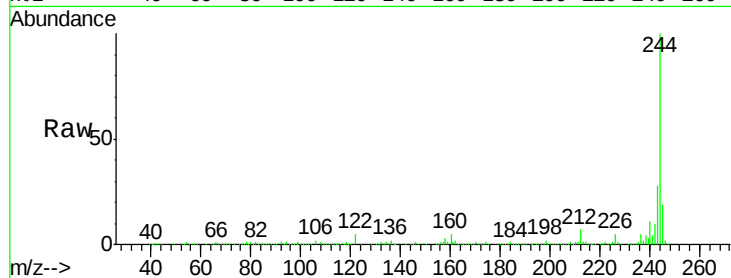
Tgt Ion:244 Resp: 1471922

Ion Ratio Lower Upper

244 100

212 7.4 7.6 11.4#

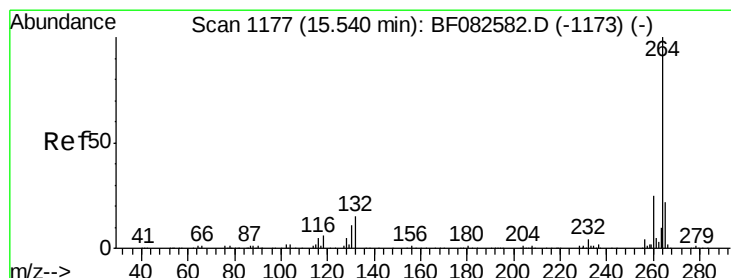
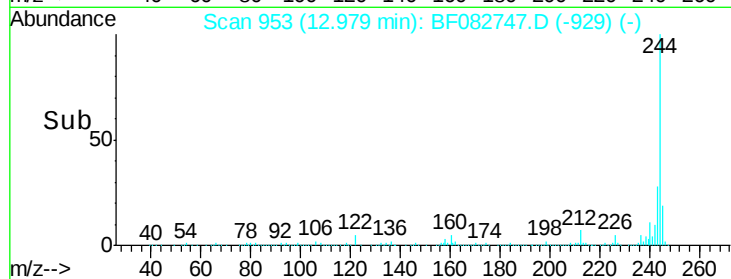
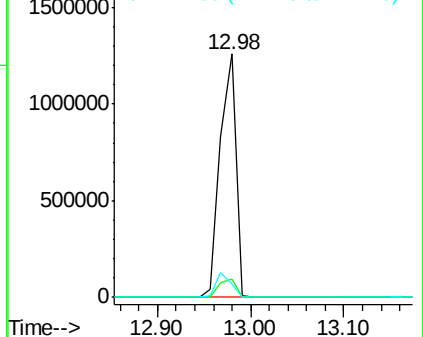
122 5.4 11.3 16.9#



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: BF082747.D

Acq: 6 Nov 2015 2:36

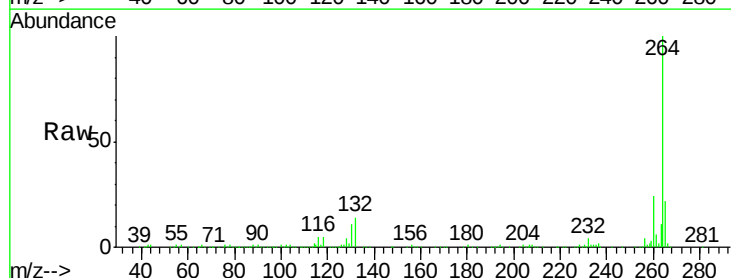
Tgt Ion:264 Resp: 357577

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 22.3 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

