

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082743.D
 Acq On : 6 Nov 2015 00:38
 Operator : UM/IZ
 Sample : G4282-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFWW1-10

Quant Time: Nov 06 03:22:08 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

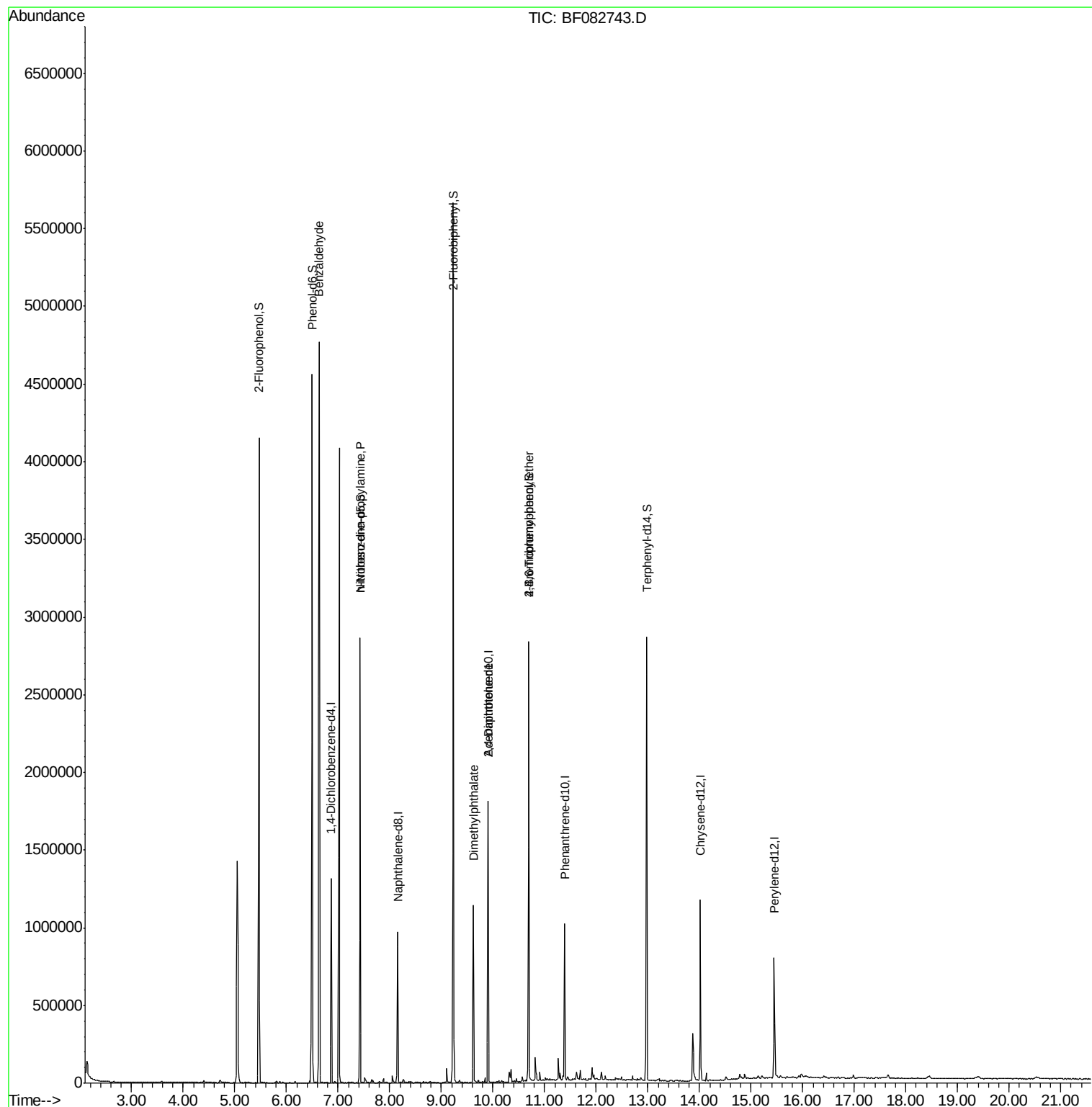
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175893	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	625688	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	332567	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	555956	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	391956	20.00	ng	-0.03
86) Perylene-d12	15.45	264	382010	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1096013	93.85	ng	0.00
7) Phenol-d6	6.50	99	1599672	103.11	ng	-0.01
23) Nitrobenzene-d5	7.42	82	996167	65.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	379798	104.35	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1602290	68.41	ng	-0.02
78) Terphenyl-d14	12.98	244	1317823	73.58	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	38455	3.63	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.42	70	138225	11.75	ng	# 70
49) Dimethylphthalate	9.62	163	414981	15.28	ng	98
56) 2,4-Dinitrotoluene	9.90	165	43766	5.75	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	25659	4.07	ng	# 1

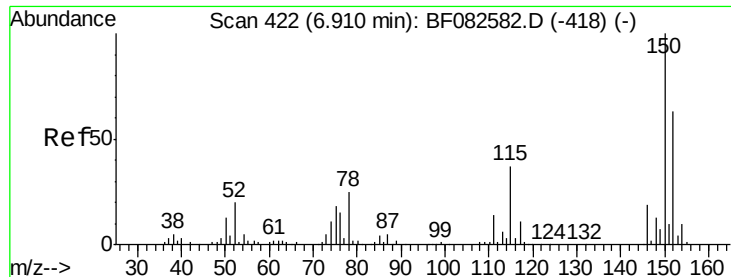
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082743.D

Acq: 6 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

OCFWW1-10

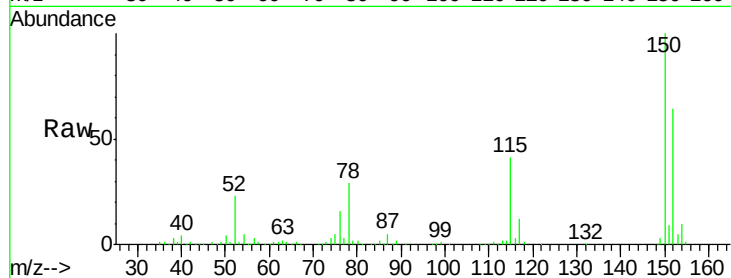
Tgt Ion:152 Resp: 175893

Ion Ratio Lower Upper

152 100

150 155.3 127.0 190.4

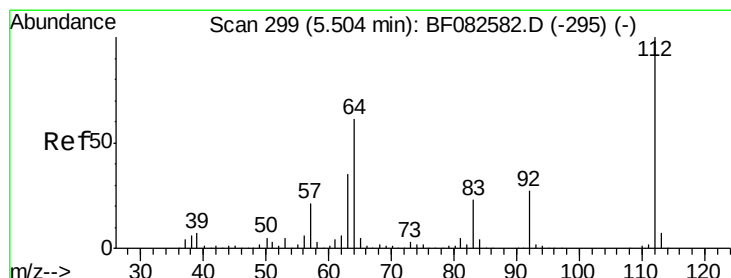
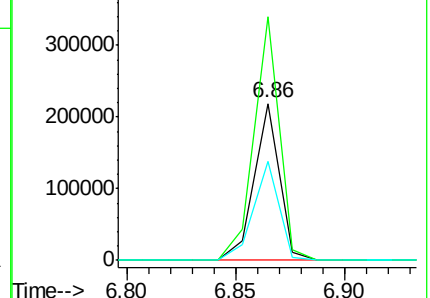
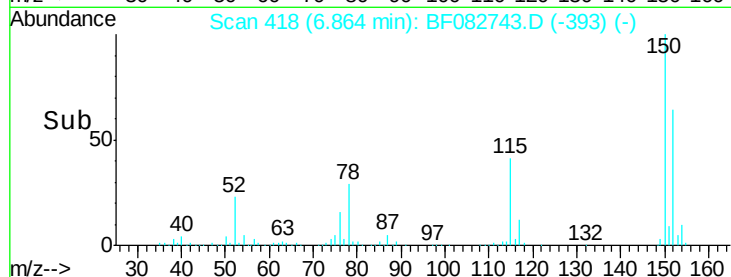
115 63.4 47.0 70.6



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: 93.85 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

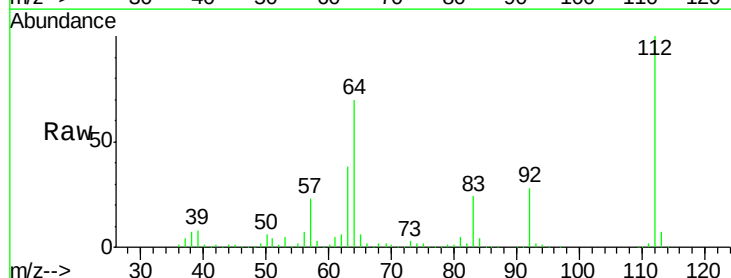
Tgt Ion:112 Resp: 1096013

Ion Ratio Lower Upper

112 100

64 69.5 48.9 73.3

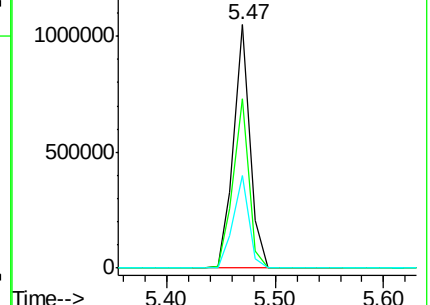
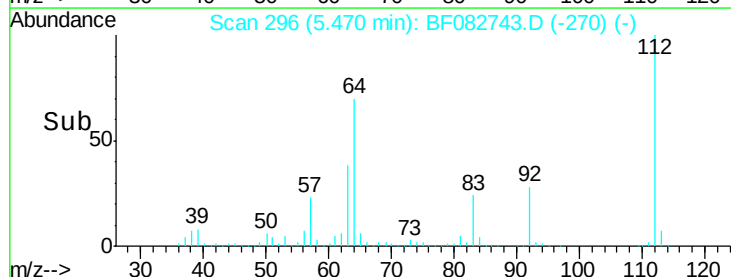
63 38.0 28.1 42.1

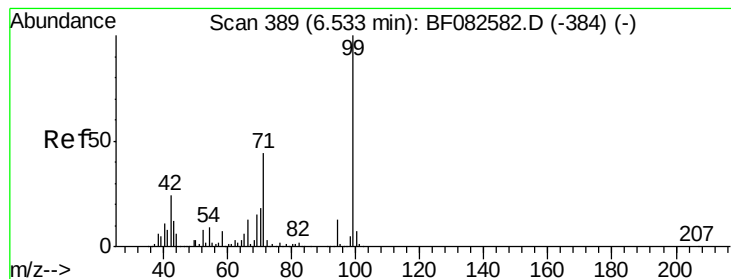


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.11 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

OCFWW1-10

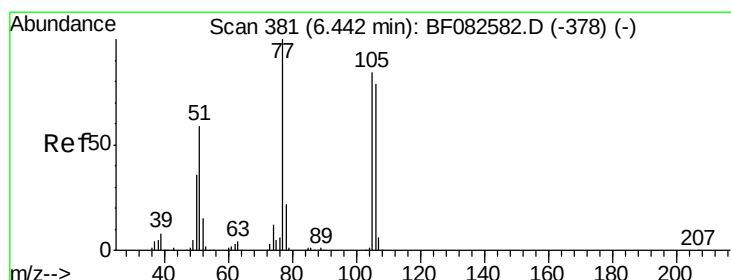
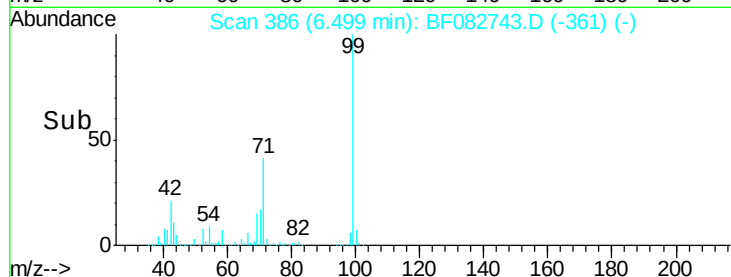
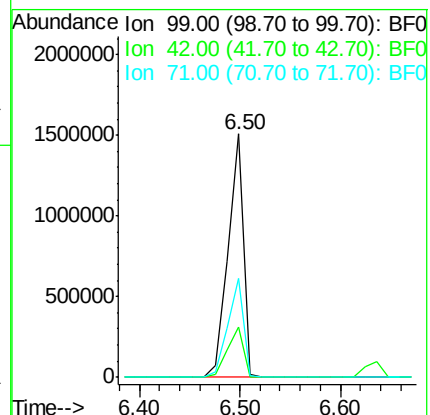
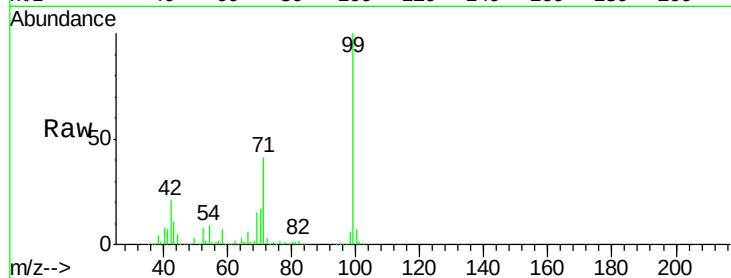
Tgt Ion: 99 Resp: 1599672

Ion Ratio Lower Upper

99 100

42 20.8 19.2 28.8

71 40.6 35.0 52.4



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

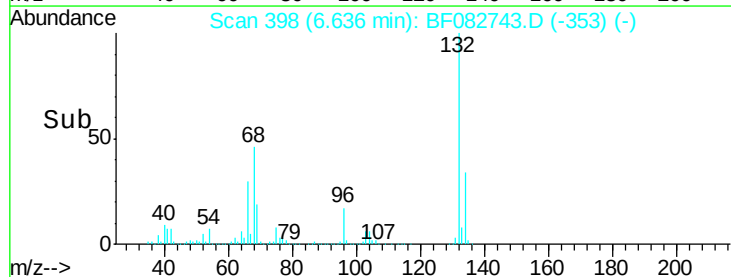
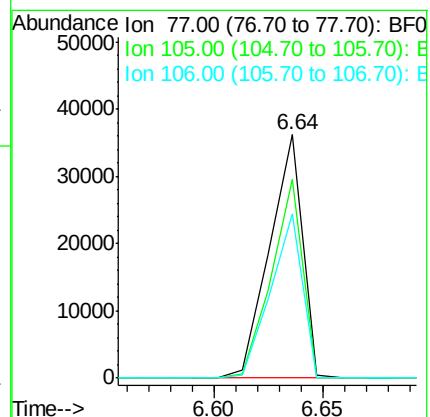
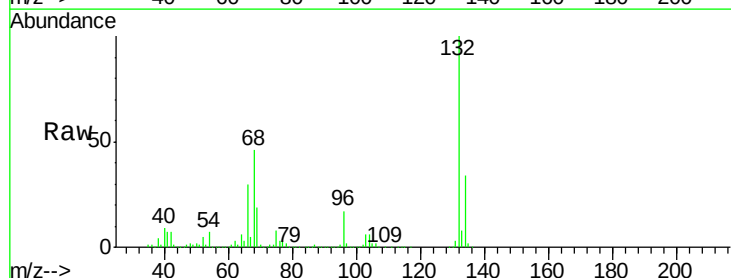
Tgt Ion: 77 Resp: 38455

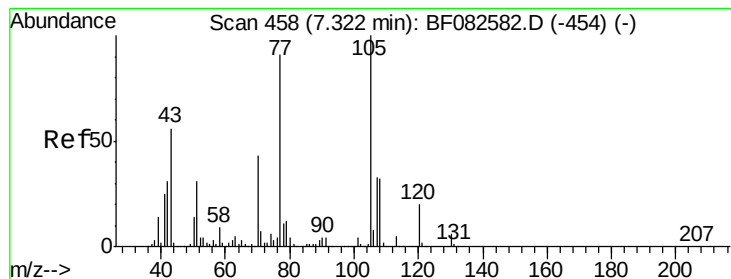
Ion Ratio Lower Upper

77 100

105 81.8 63.5 103.5

106 67.3 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 11.75 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

OCFWW1-10

Tgt Ion: 70 Resp: 138225

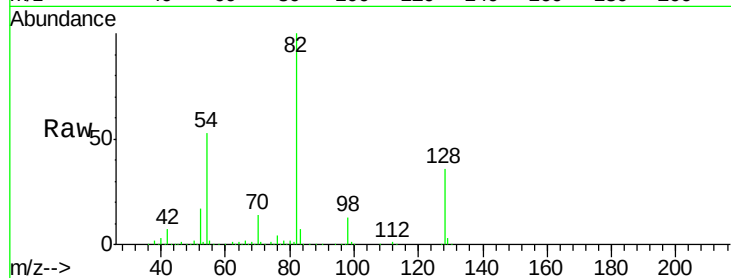
Ion Ratio Lower Upper

70 100

42 46.4 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#

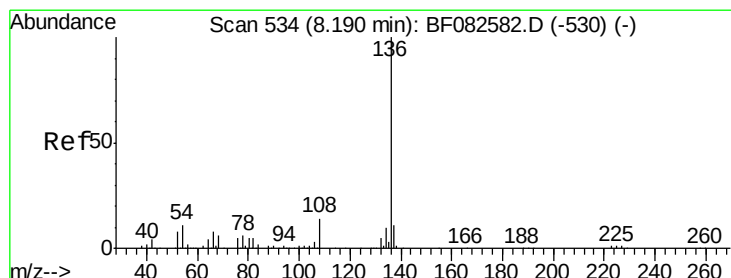
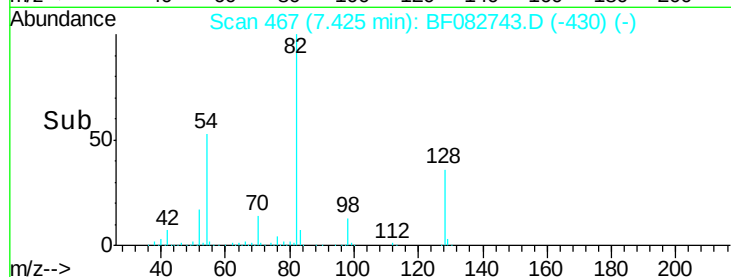
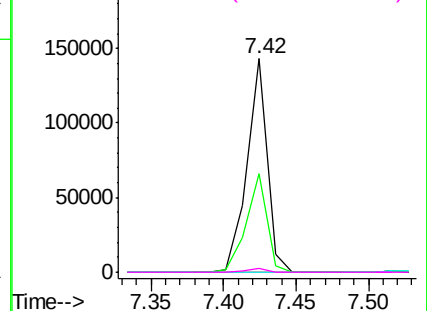


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

Tgt Ion: 136 Resp: 625688

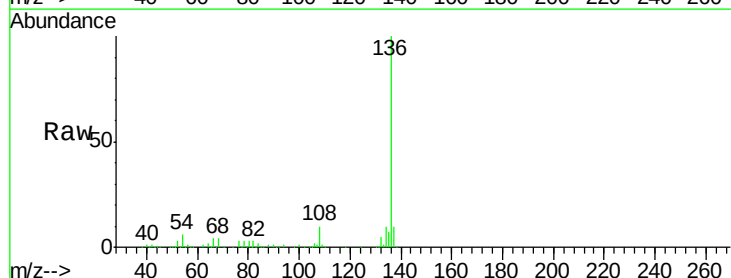
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 5.5 9.1 13.7#

68 3.7 4.8 7.2#

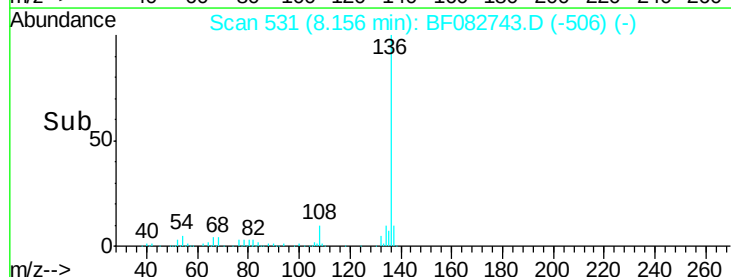
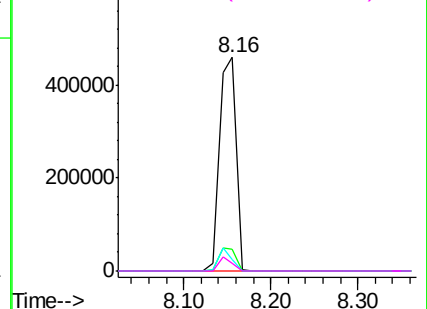


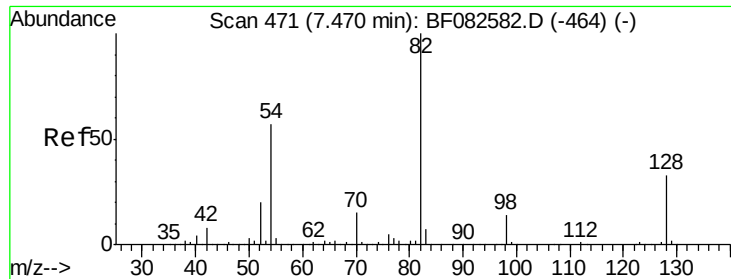
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

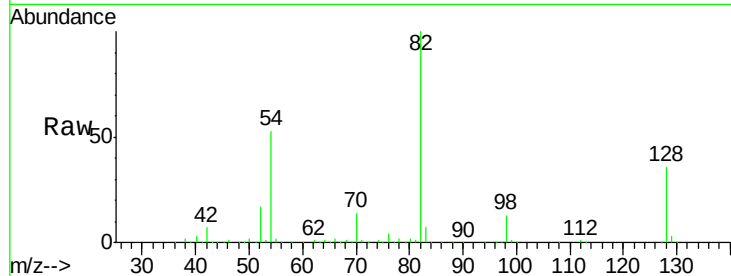




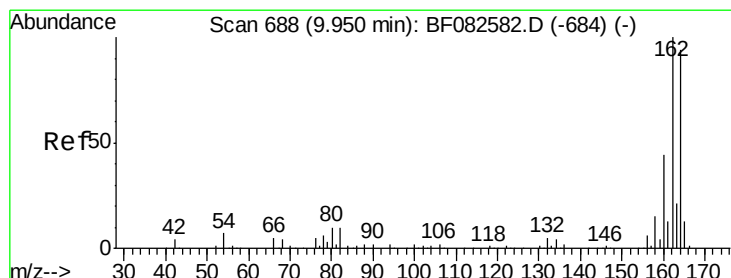
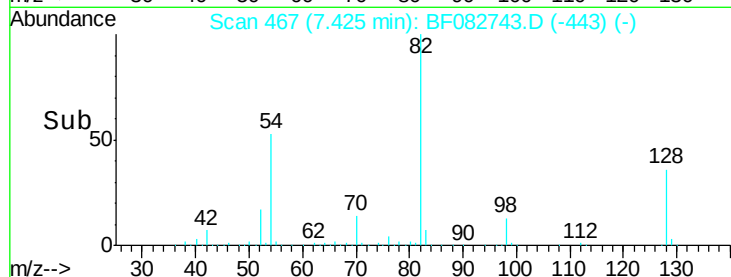
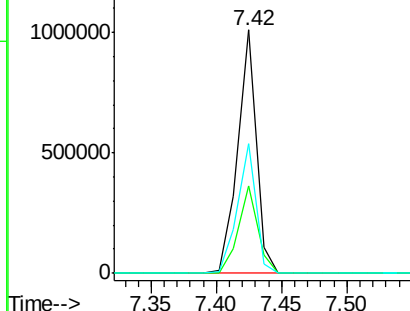
#23
 Nitrobenzene-d5
 Concen: 65.01 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082743.D
 Acq: 6 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 OCFWW1-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.8	40.2
54	53.2	45.7	68.5

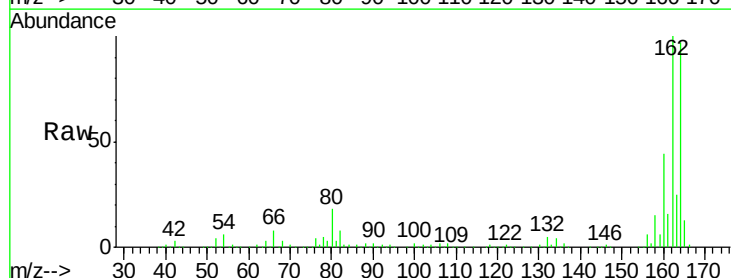


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

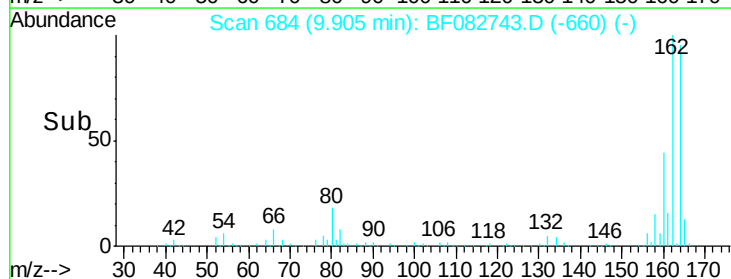
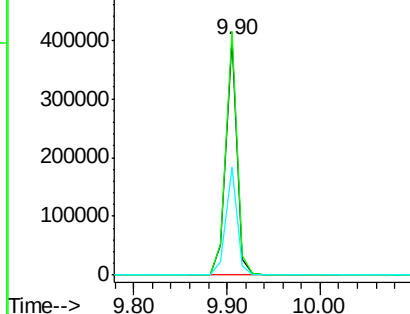


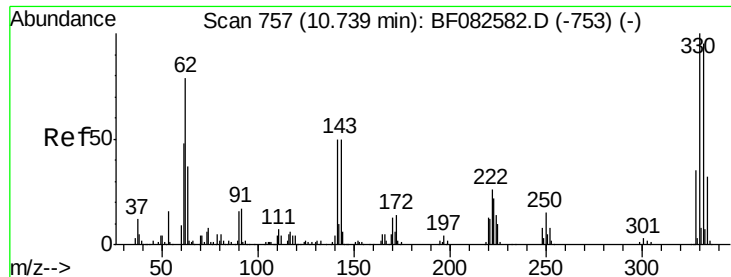
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082743.D
 Acq: 6 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.9	127.3
160	45.6	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

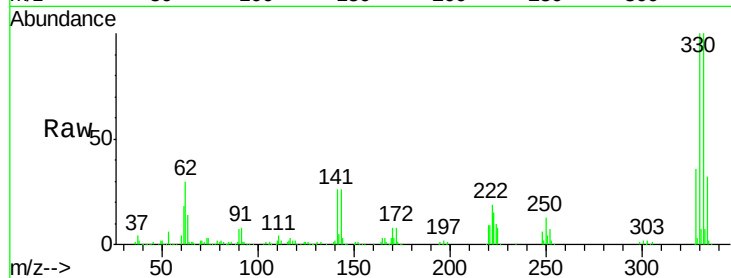




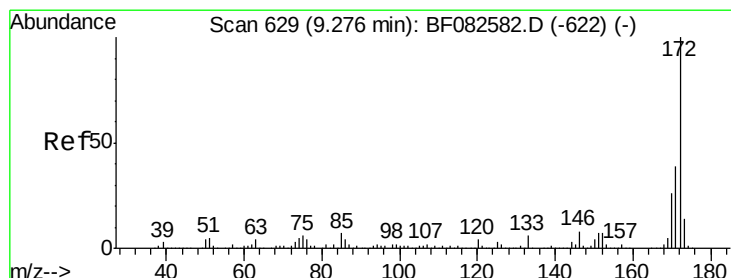
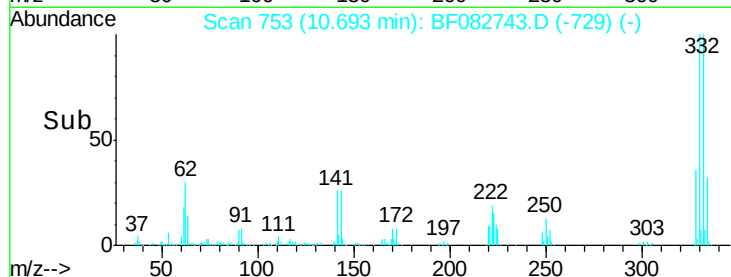
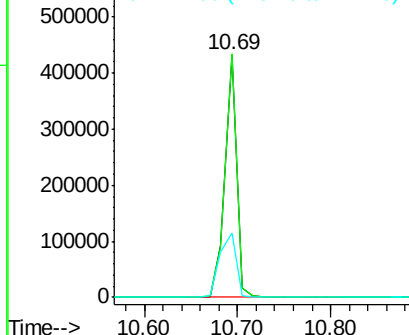
#41
 2,4,6-Tribromophenol
 Concen: 104.35 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082743.D
 Acq: 6 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 OCFWW1-10

Tgt Ion:330 Resp: 379798
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 114.8
 141 36.9 41.2 61.8#

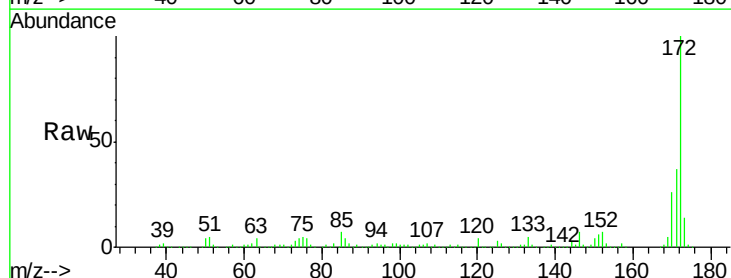


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

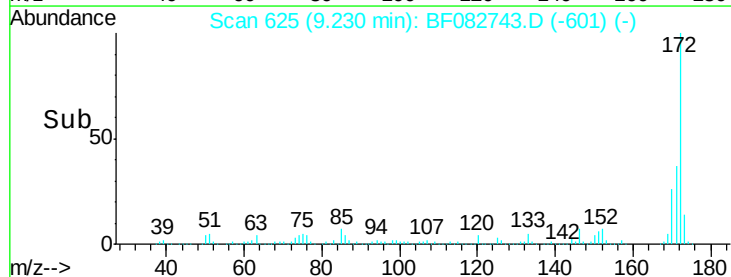
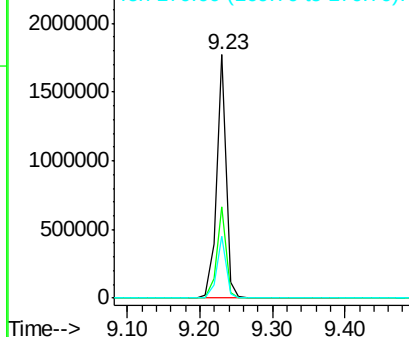


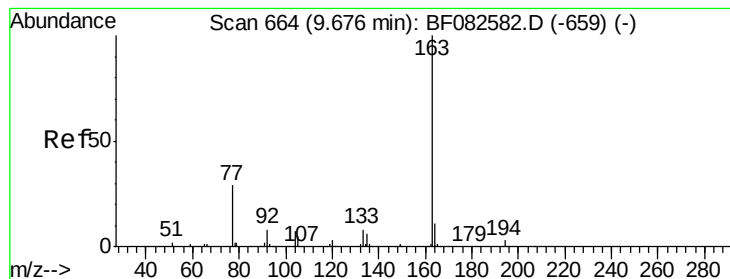
#44
 2-Fluorobiphenyl
 Concen: 68.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082743.D
 Acq: 6 Nov 2015 00:38

Tgt Ion:172 Resp: 1602290
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.7 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: 15.28 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

OCFWW1-10

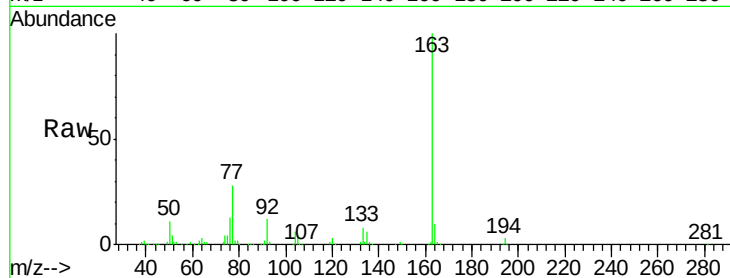
Tgt Ion:163 Resp: 414981

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

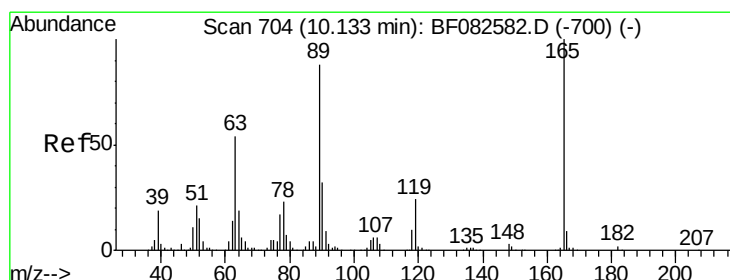
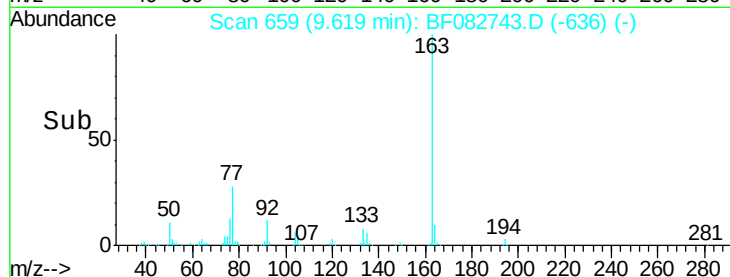
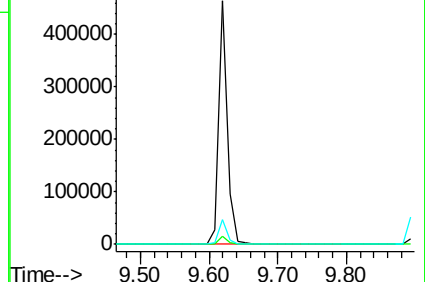
164 10.1 8.7 13.1



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: 5.75 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

Tgt Ion:165 Resp: 43766

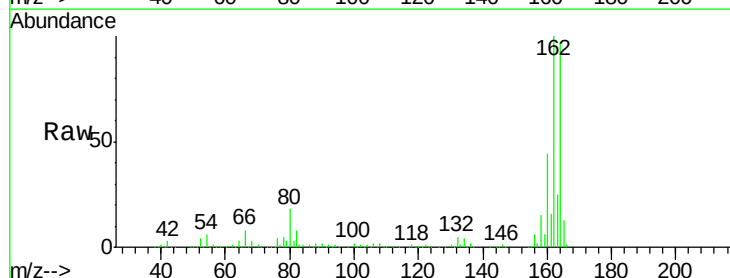
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

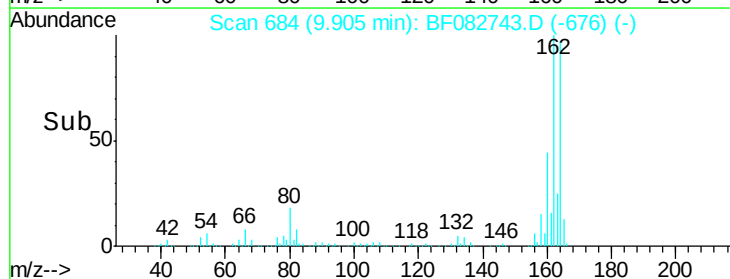
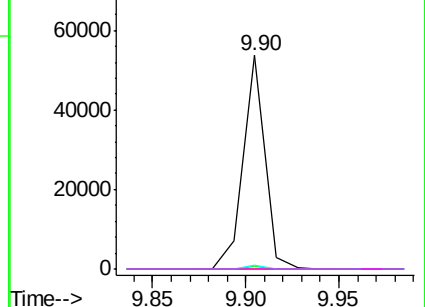


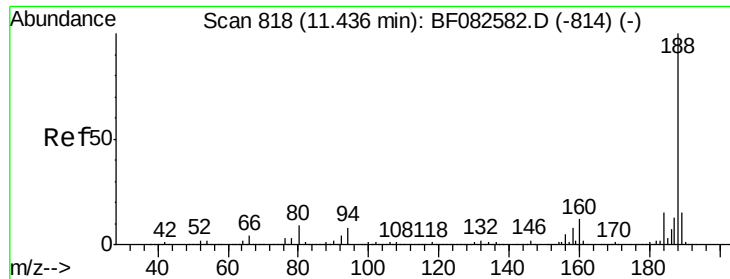
Abundance Ion 165.00 (164.70 to 165.70): E

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

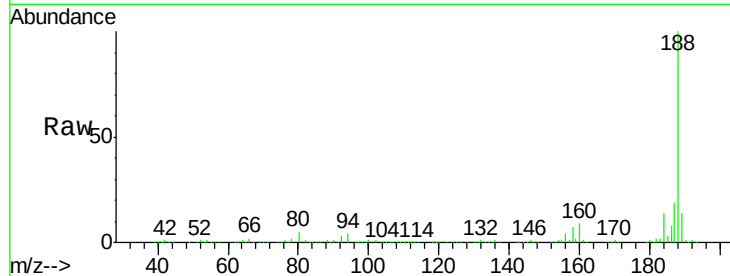




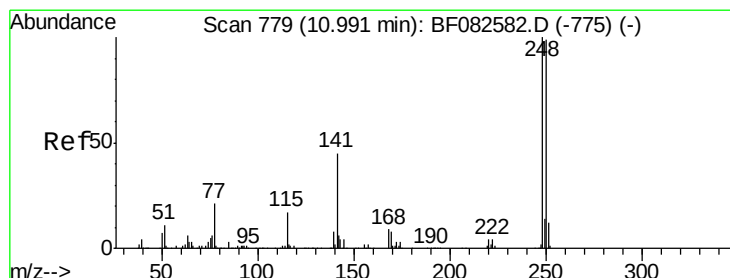
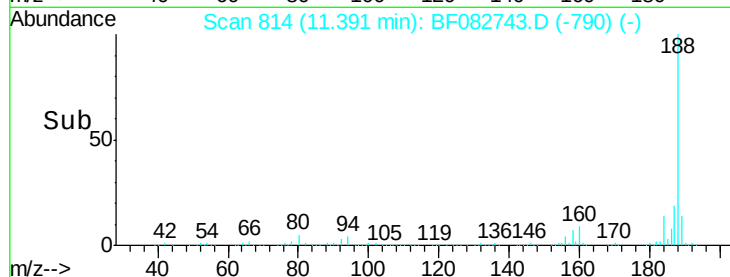
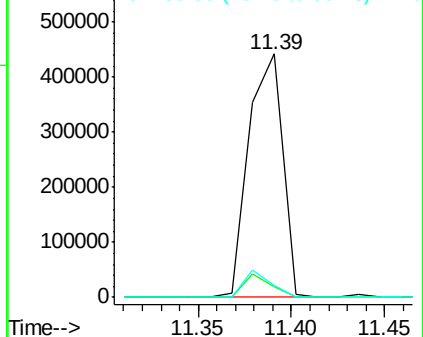
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082743.D
Acq: 6 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
OCFWW1-10

Tgt Ion:188 Resp: 555956
Ion Ratio Lower Upper
188 100
94 4.4 6.1 9.1#
80 4.9 7.0 10.6#

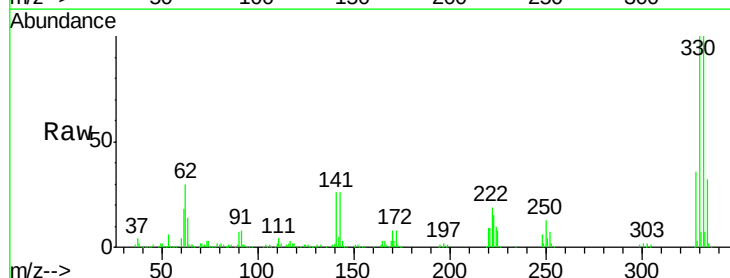


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

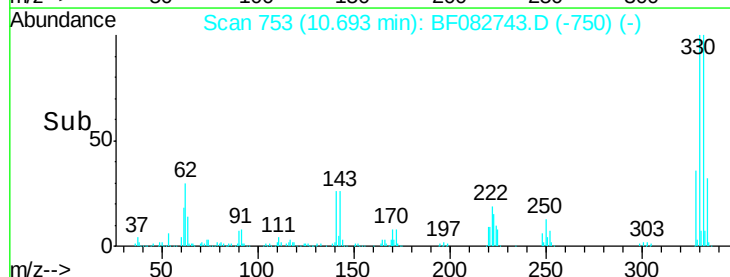
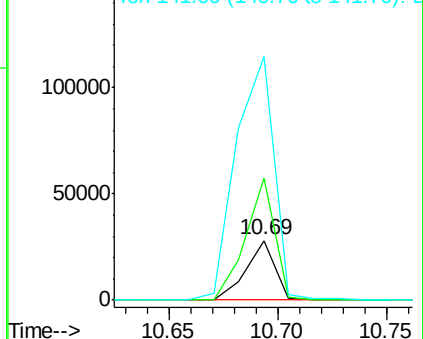


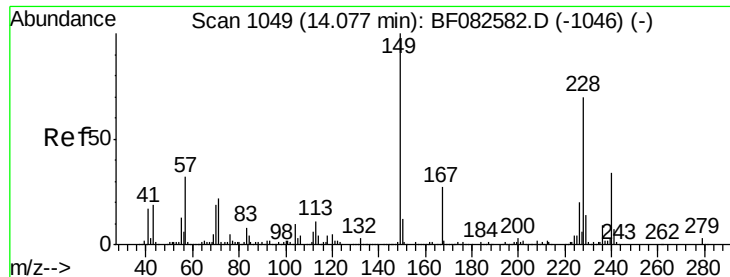
#66
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082743.D
Acq: 6 Nov 2015 00:38

Tgt Ion:248 Resp: 25659
Ion Ratio Lower Upper
248 100
250 206.3 79.4 119.2#
141 410.8 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: BF082743.D

Acq: 6 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

OCFWW1-10

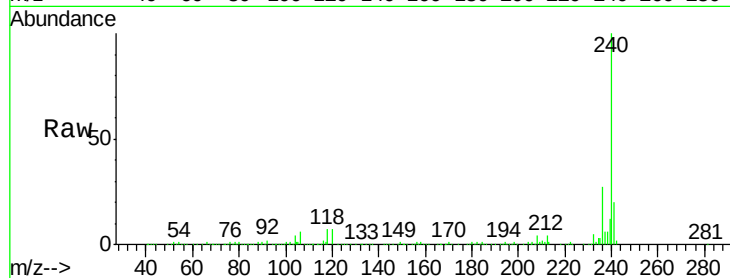
Tgt Ion:240 Resp: 391956

Ion Ratio Lower Upper

240 100

120 6.9 10.9 16.3#

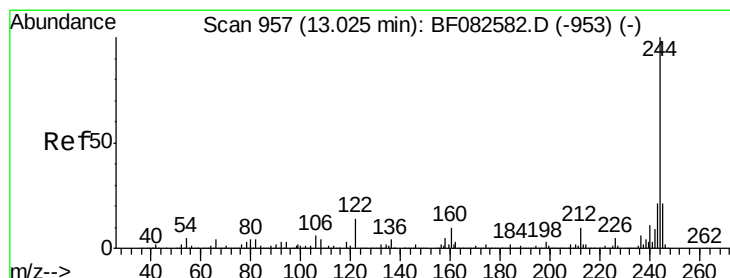
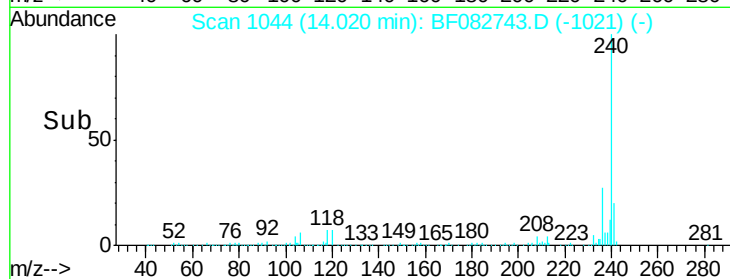
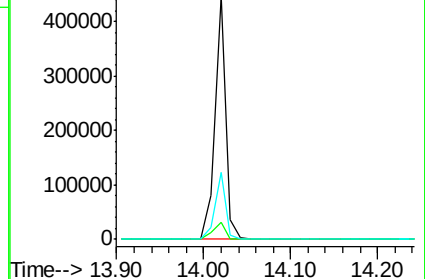
236 27.3 21.6 32.4



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: 73.58 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082743.D

Acq: 6 Nov 2015 00:38

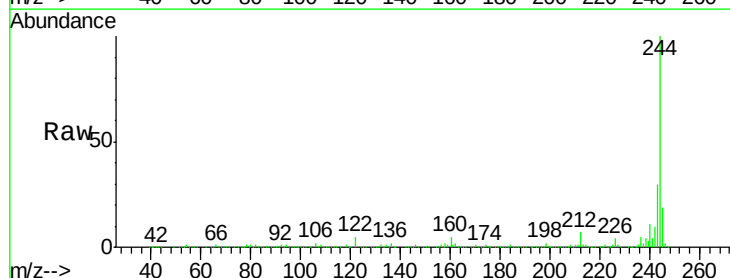
Tgt Ion:244 Resp: 1317823

Ion Ratio Lower Upper

244 100

212 7.0 7.6 11.4#

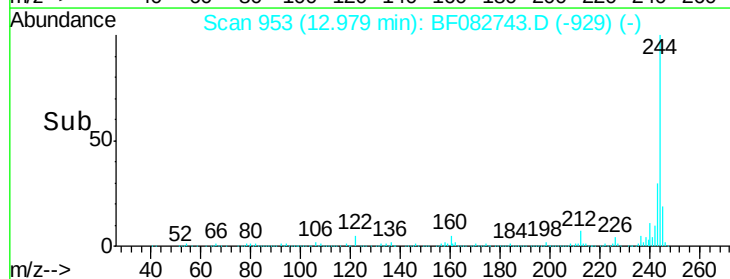
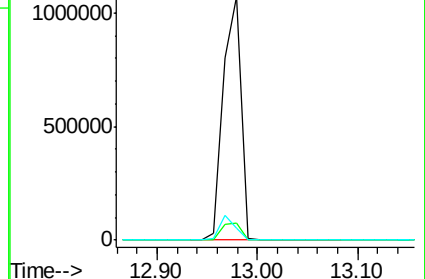
122 4.9 11.3 16.9#

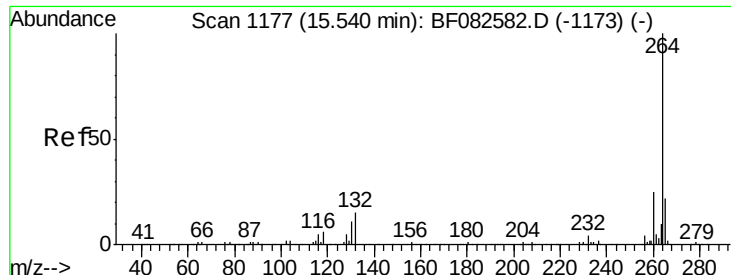


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

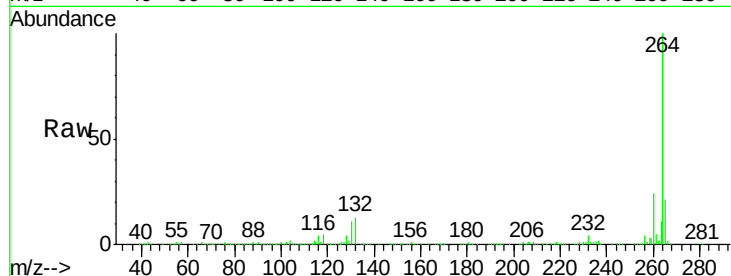




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082743.D
Acq: 6 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
OCFWW1-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.3	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

