

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082744.D
 Acq On : 6 Nov 2015 1:08
 Operator : UM/IZ
 Sample : G4282-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFEW1-10

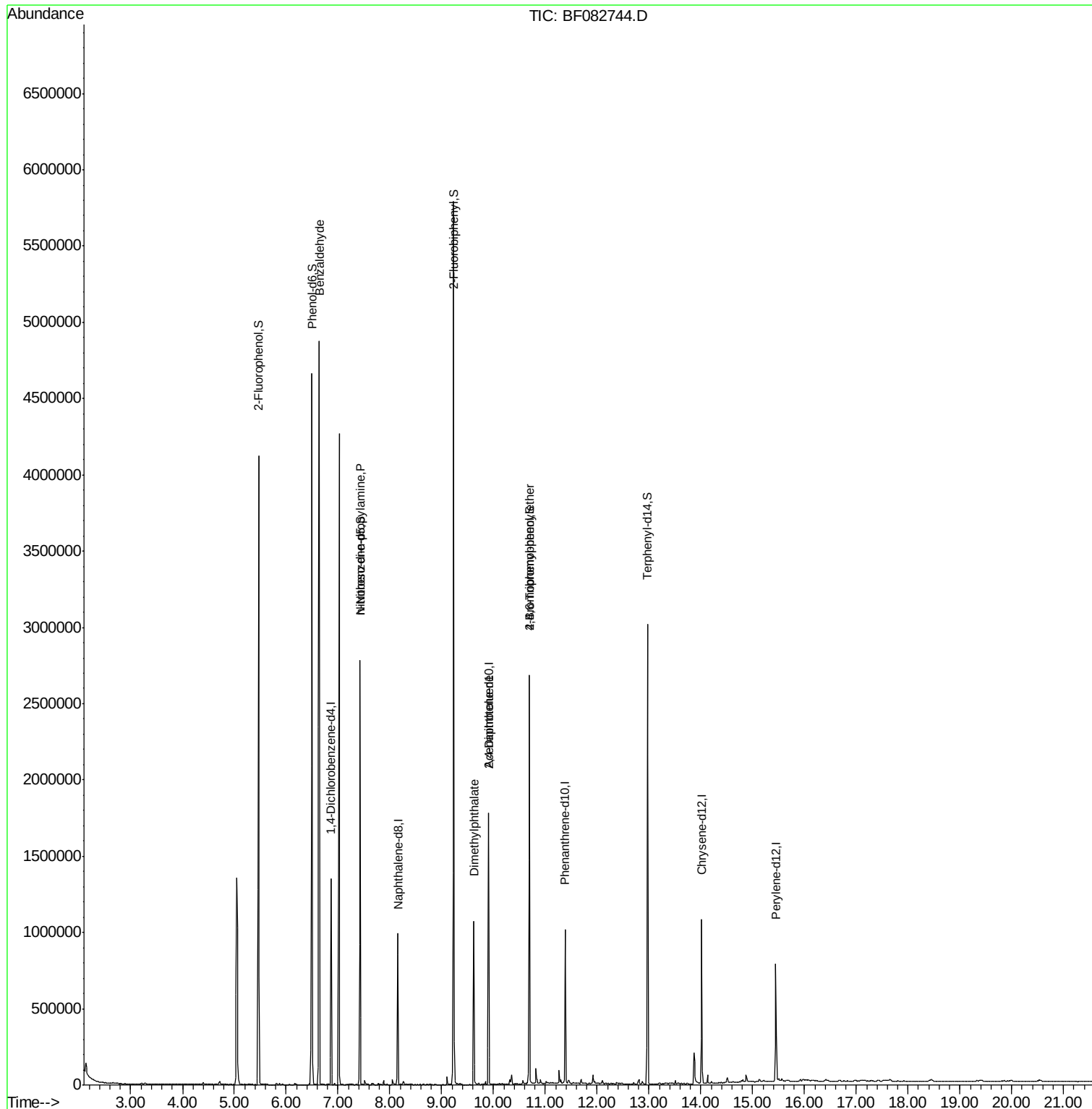
Quant Time: Nov 06 03:22:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

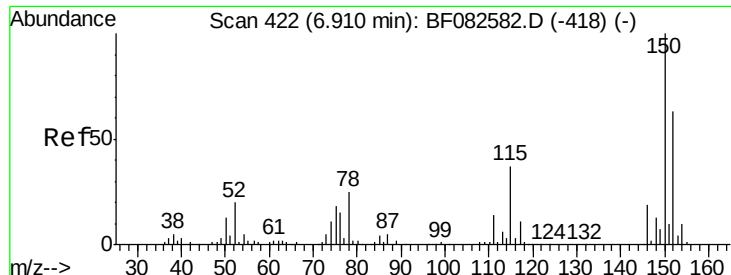
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	170795	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	619395	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	325014	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	518328	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	382801	20.00	ng	-0.03
86) Perylene-d12	15.45	264	369516	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1105393	97.48	ng	0.00
7) Phenol-d6	6.50	99	1603563	106.44	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1003279	66.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	378737	106.48	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1627360	71.09	ng	-0.02
78) Terphenyl-d14	12.97	244	1252444	71.60	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	37369	3.63	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.42	70	137407	12.03	ng	# 71
49) Dimethylphthalate	9.62	163	395610	14.90	ng	99
56) 2,4-Dinitrotoluene	9.90	165	43415	5.84	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	25067	4.27	ng	# 1

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

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Sample    : G4282-02  
Misc      :  
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Quant Time: Nov 06 03:22:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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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: BF082744.D

Acq: 6 Nov 2015 1:08

Instrument :

BNA_F

ClientSampleId :

OCFEW1-10

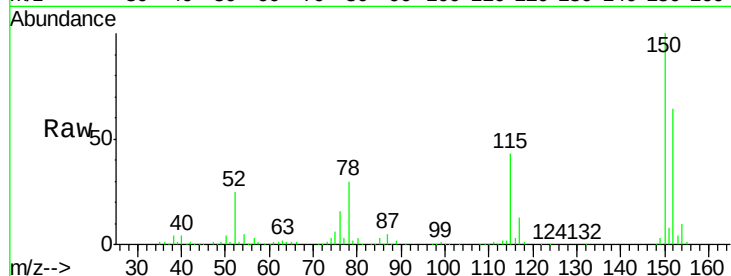
Tgt Ion:152 Resp: 170795

Ion Ratio Lower Upper

152 100

150 156.3 127.0 190.4

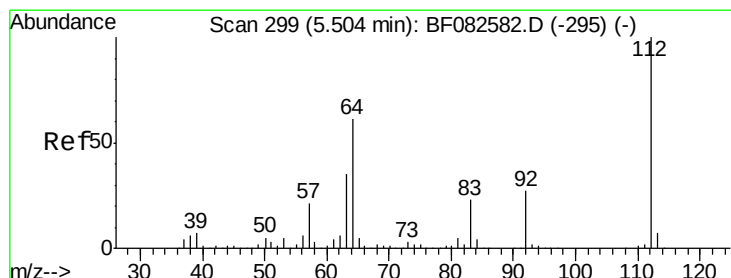
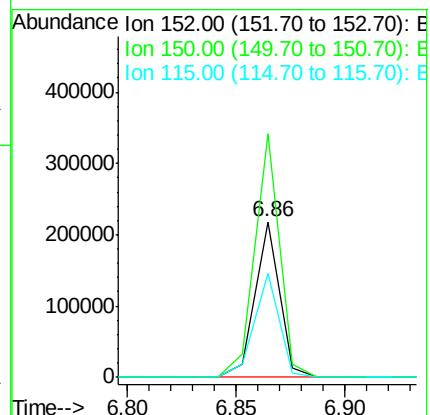
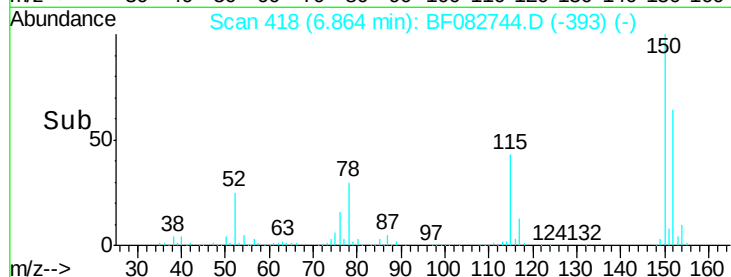
115 66.8 47.0 70.6



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: 97.48 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082744.D

Acq: 6 Nov 2015 1:08

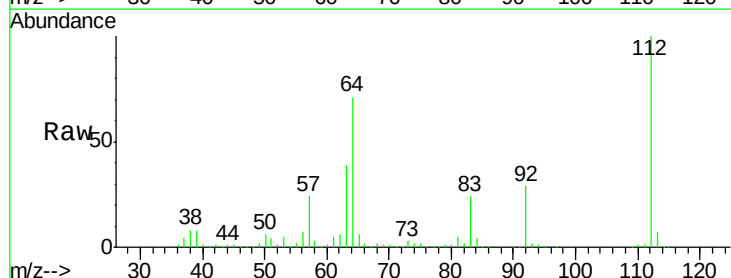
Tgt Ion:112 Resp: 1105393

Ion Ratio Lower Upper

112 100

64 71.0 48.9 73.3

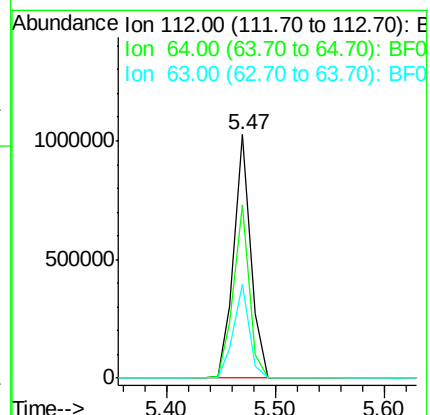
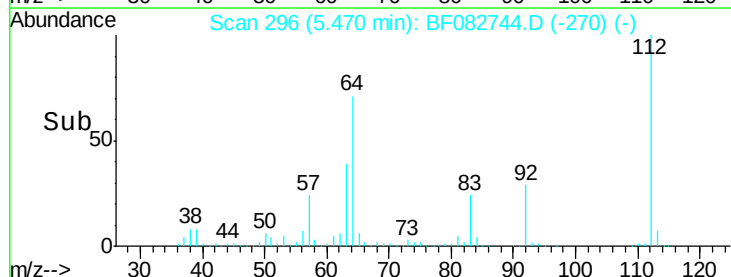
63 38.6 28.1 42.1

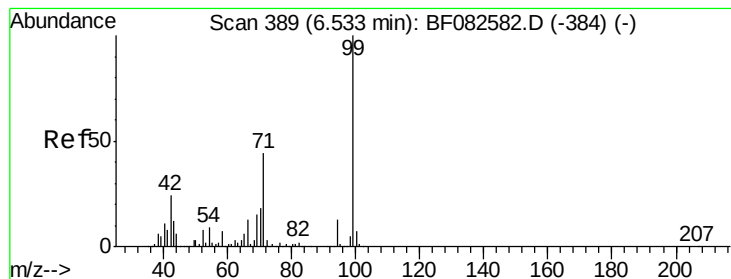


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.44 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082744.D

Acq: 6 Nov 2015 1:08

Instrument :

BNA_F

ClientSampleId :

OCFEW1-10

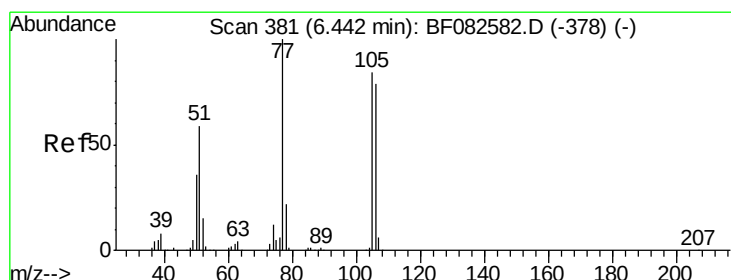
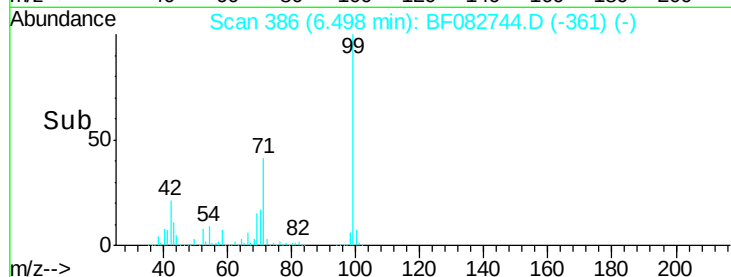
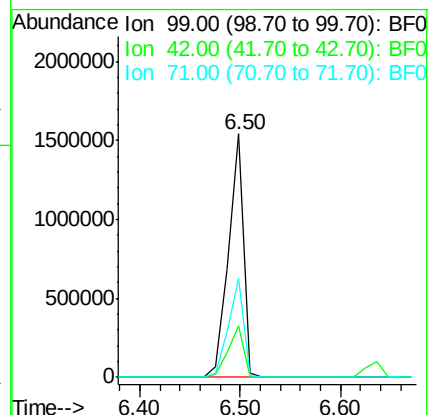
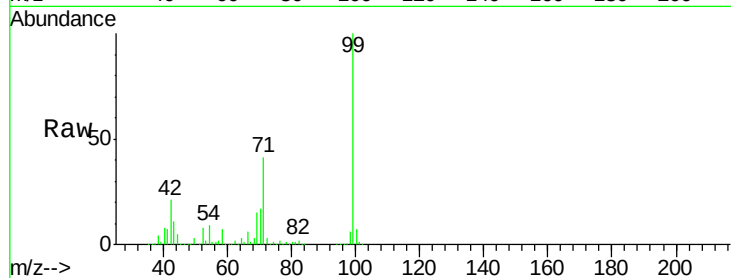
Tgt Ion: 99 Resp: 1603563

Ion Ratio Lower Upper

99 100

42 21.1 19.2 28.8

71 40.9 35.0 52.4



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082744.D

Acq: 6 Nov 2015 1:08

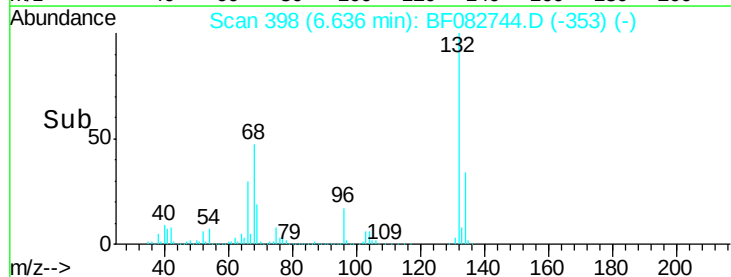
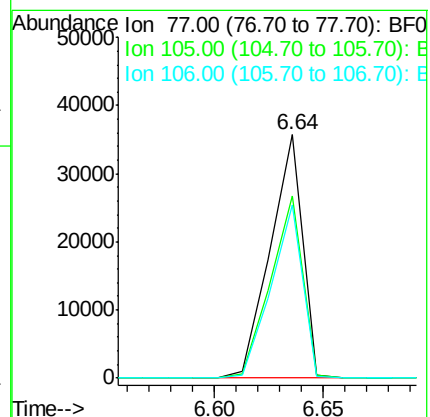
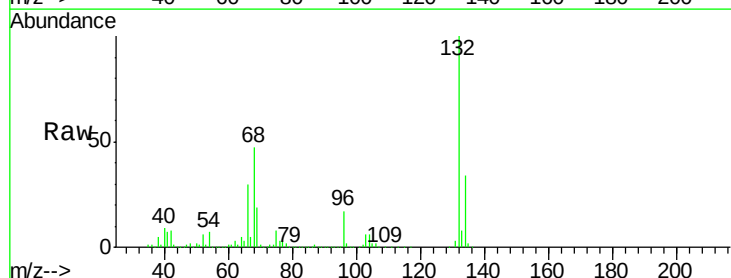
Tgt Ion: 77 Resp: 37369

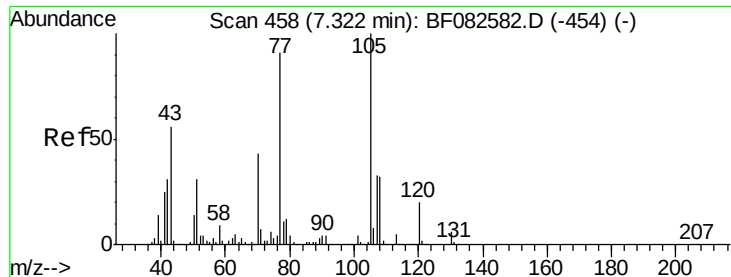
Ion Ratio Lower Upper

77 100

105 74.9 63.5 103.5

106 71.3 59.3 99.3

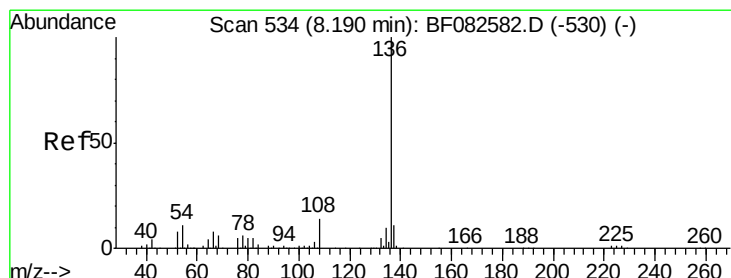
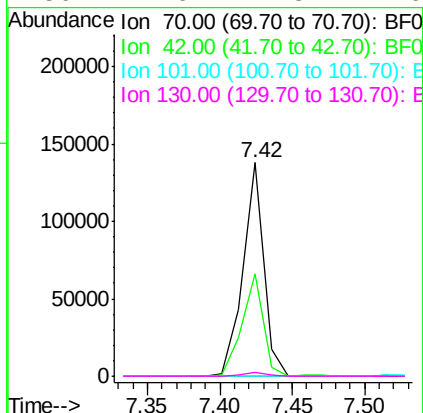
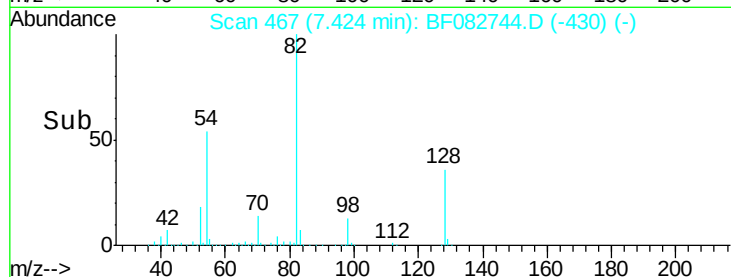
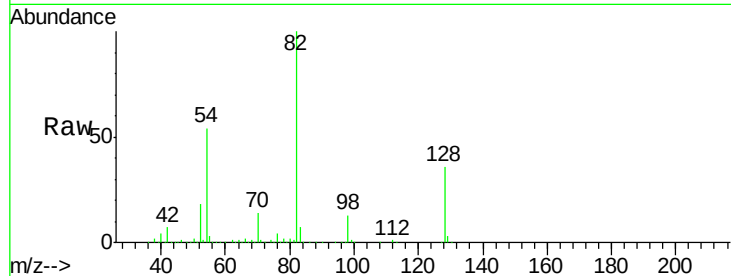




#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082744.D
Acq: 6 Nov 2015 1:08

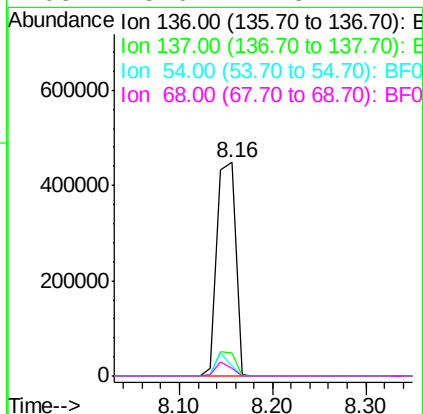
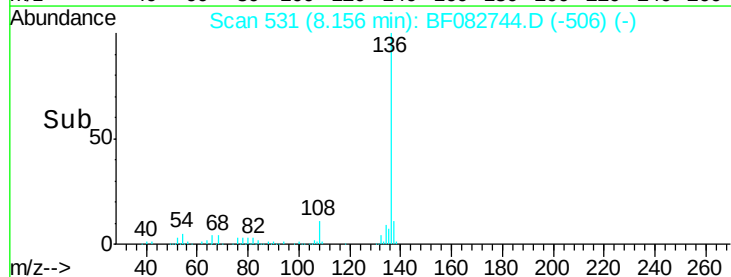
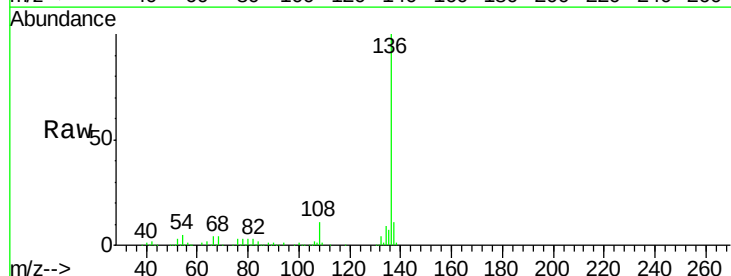
Instrument :
BNA_F
ClientSampleId :
OCFEW1-10

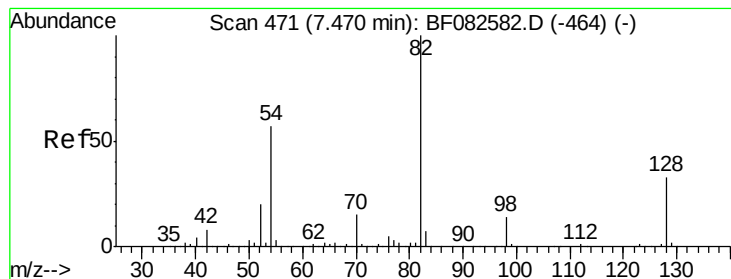
Tgt Ion: 70 Resp: 137407
Ion Ratio Lower Upper
70 100
42 48.2 57.7 86.5#
101 0.0 7.0 10.6#
130 1.6 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082744.D
Acq: 6 Nov 2015 1:08

Tgt Ion: 136 Resp: 619395
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.1 9.1 13.7#
68 3.6 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 66.14 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082744.D

Acq: 6 Nov 2015 1:08

Instrument :

BNA_F

ClientSampleId :

OCFEW1-10

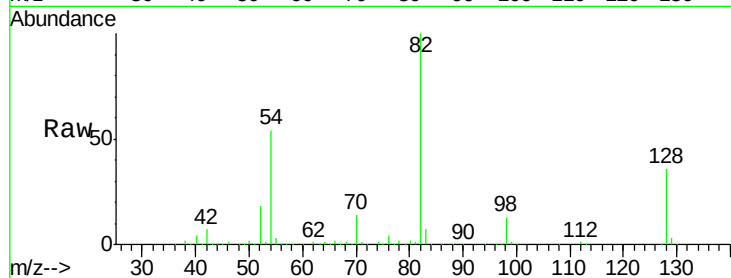
Tgt Ion: 82 Resp: 1003279

Ion Ratio Lower Upper

82 100

128 36.1 26.8 40.2

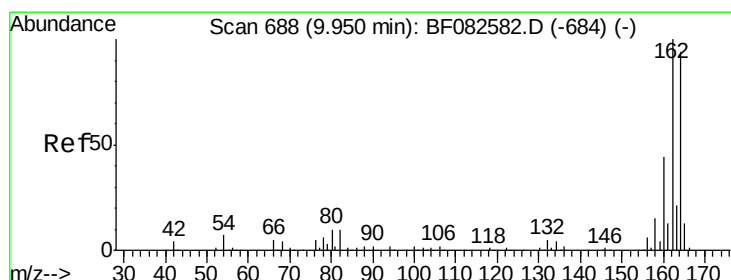
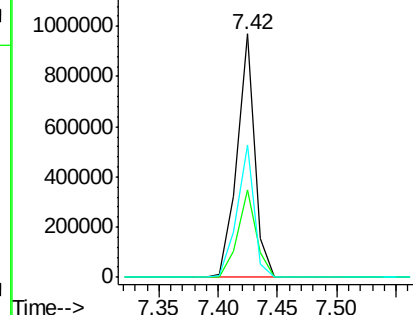
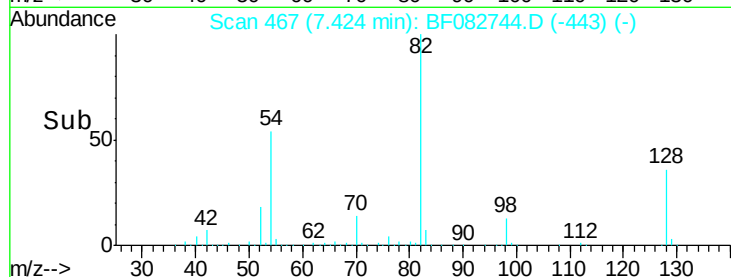
54 54.2 45.7 68.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082744.D

Acq: 6 Nov 2015 1:08

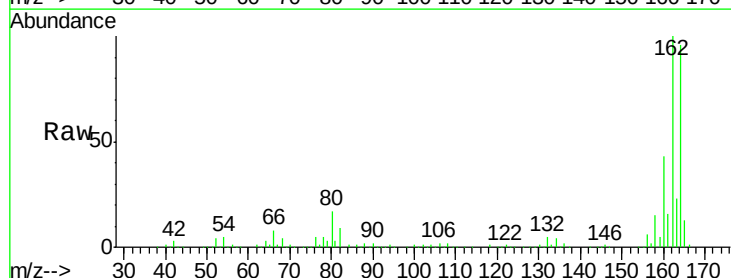
Tgt Ion: 164 Resp: 325014

Ion Ratio Lower Upper

164 100

162 104.3 84.9 127.3

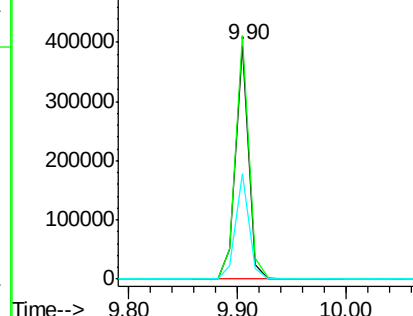
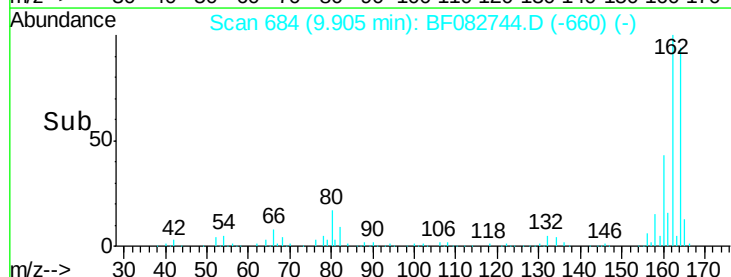
160 45.3 37.5 56.3

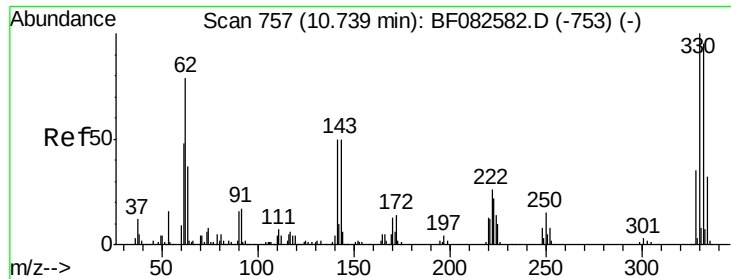


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

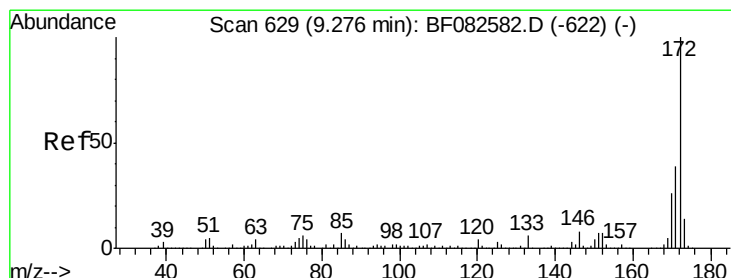
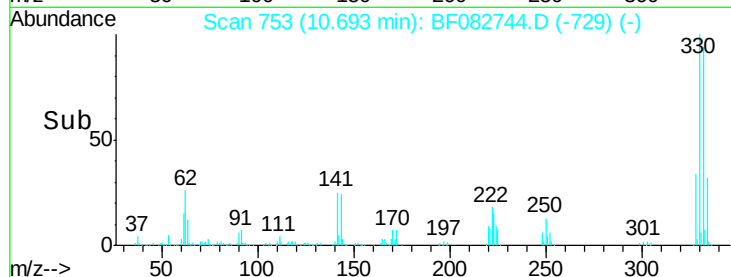
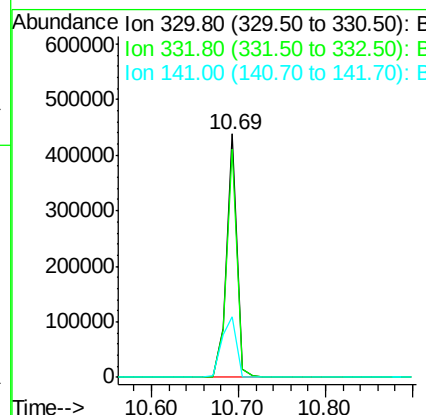
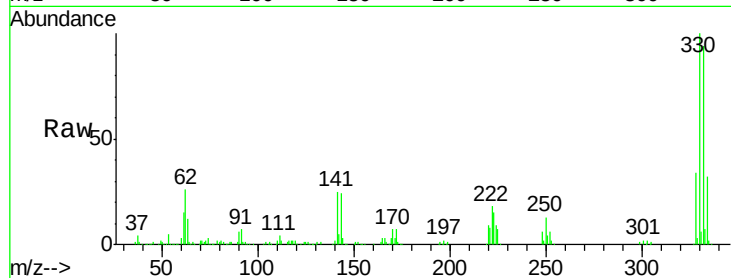




#41
 2,4,6-Tribromophenol
 Concen: 106.48 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082744.D
 Acq: 6 Nov 2015 1:08

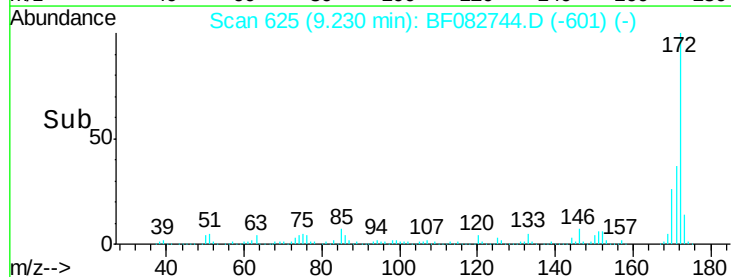
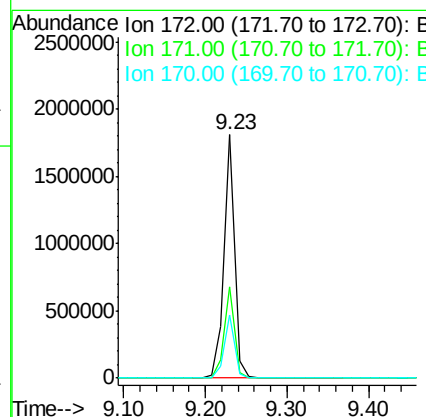
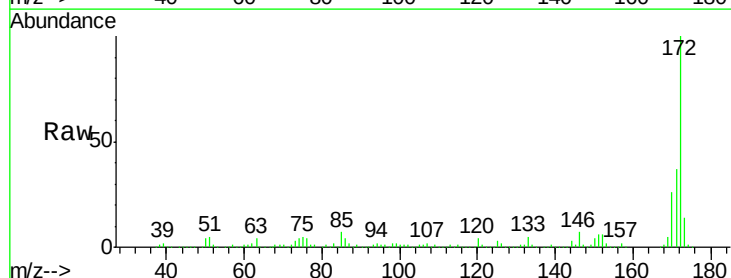
Instrument :
 BNA_F
 ClientSampleId :
 OCFEW1-10

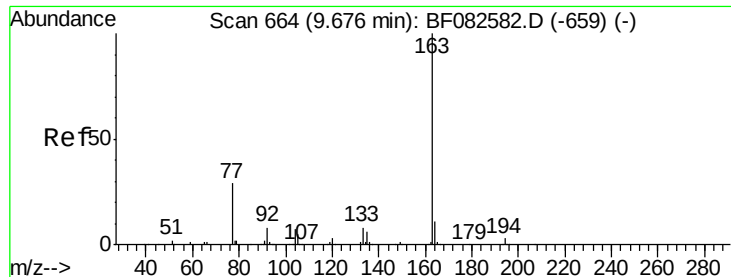
Tgt Ion:330 Resp: 378737
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 34.7 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 71.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082744.D
 Acq: 6 Nov 2015 1:08

Tgt Ion:172 Resp: 1627360
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.9 21.2 31.8

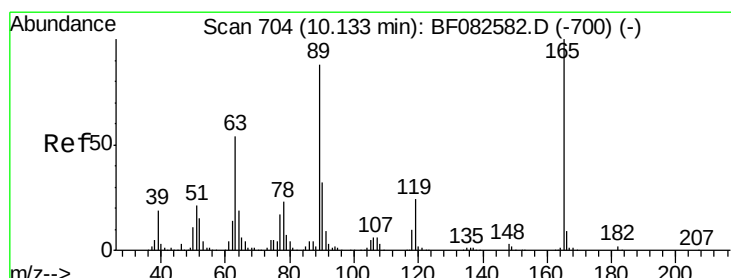
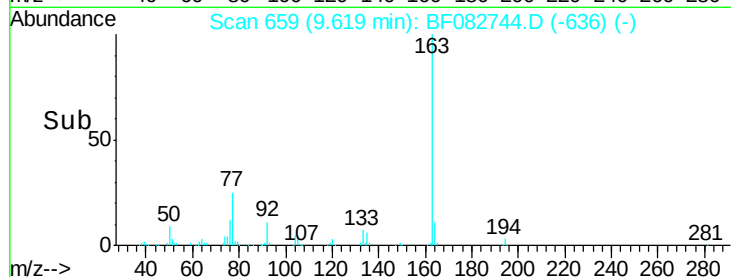
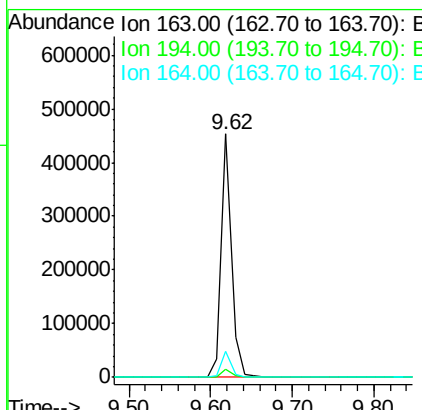
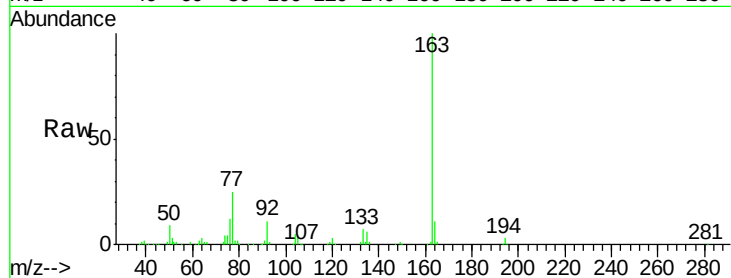




#49
Dimethylphthalate
Concen: 14.90 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082744.D
Acq: 6 Nov 2015 1:08

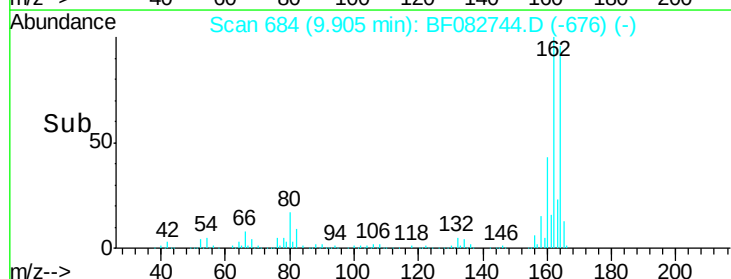
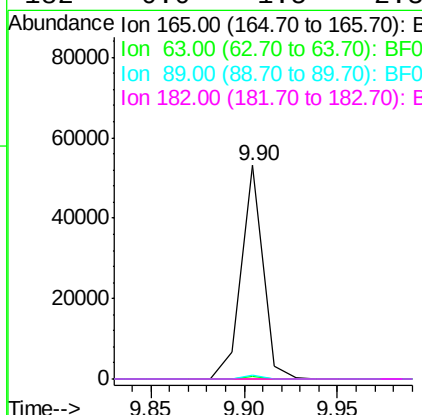
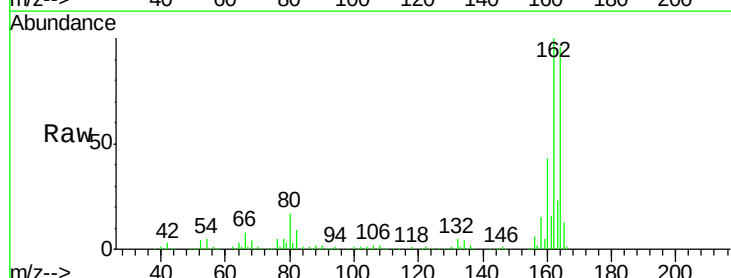
Instrument :
BNA_F
ClientSampleId :
OCFEW1-10

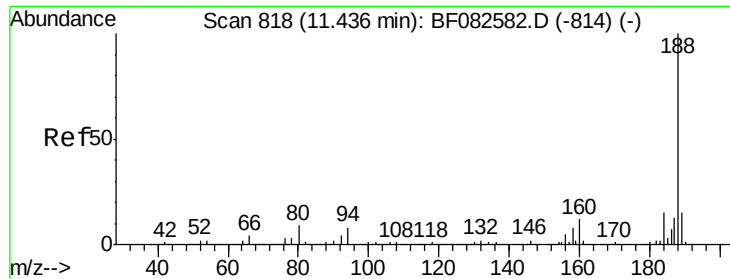
Tgt Ion:163 Resp: 395610
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082744.D
Acq: 6 Nov 2015 1:08

Tgt Ion:165 Resp: 43415
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.5 70.6 106.0#
182 0.0 1.5 2.3#

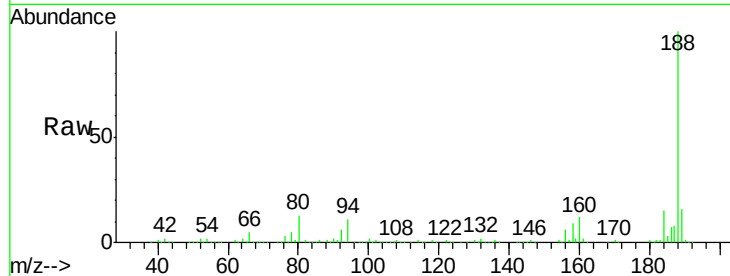




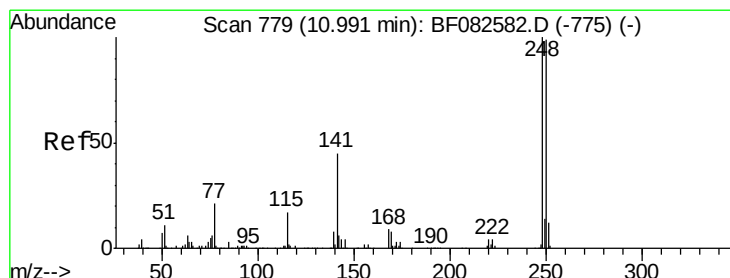
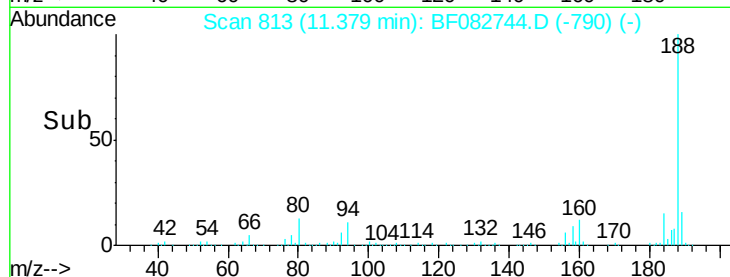
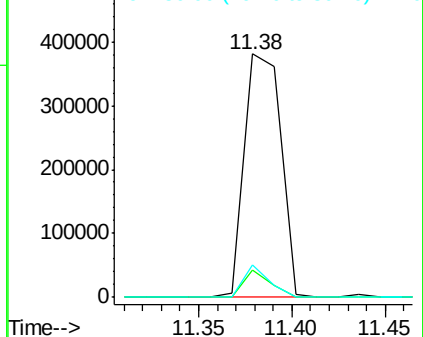
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082744.D
 Acq: 6 Nov 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 OCFW1-10

Tgt Ion:188 Resp: 518328
 Ion Ratio Lower Upper
 188 100
 94 11.3 6.1 9.1#
 80 13.1 7.0 10.6#

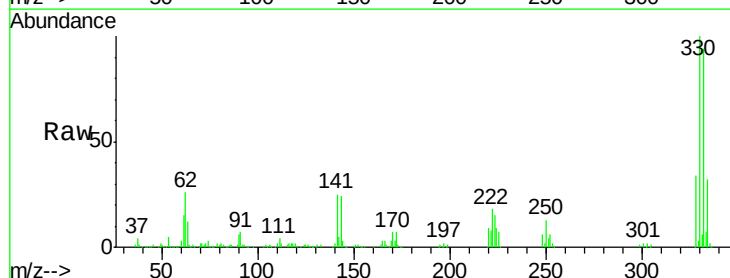


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

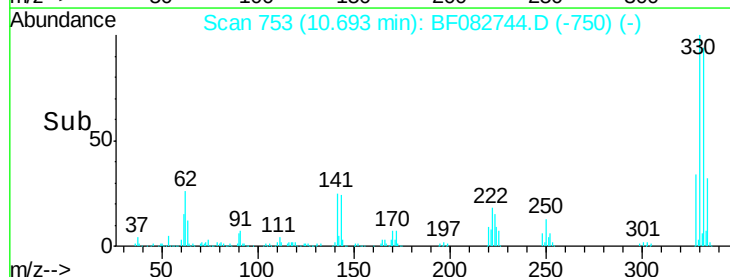
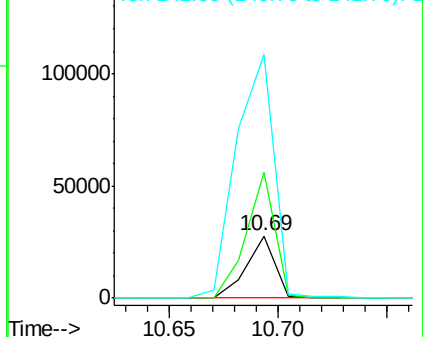


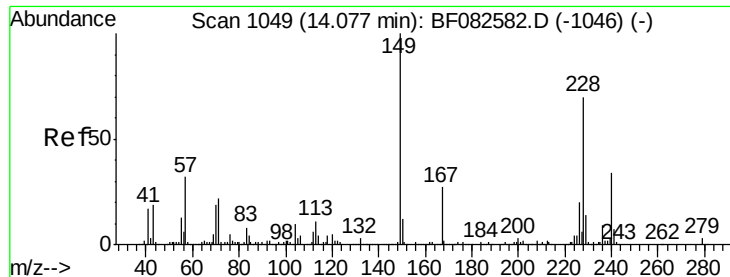
#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082744.D
 Acq: 6 Nov 2015 1:08

Tgt Ion:248 Resp: 25067
 Ion Ratio Lower Upper
 248 100
 250 203.5 79.4 119.2#
 141 393.4 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: BF082744.D

Acq: 6 Nov 2015 1:08

Instrument :

BNA_F

ClientSampleId :

OCFEW1-10

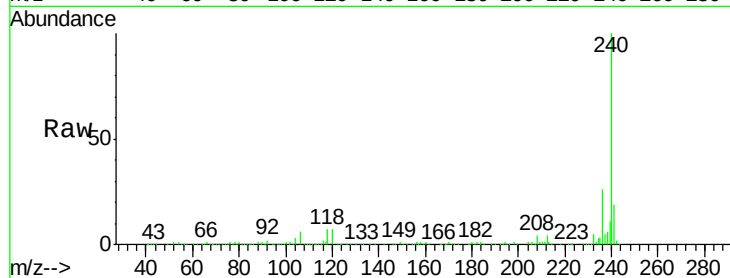
Tgt Ion:240 Resp: 382801

Ion Ratio Lower Upper

240 100

120 7.5 10.9 16.3#

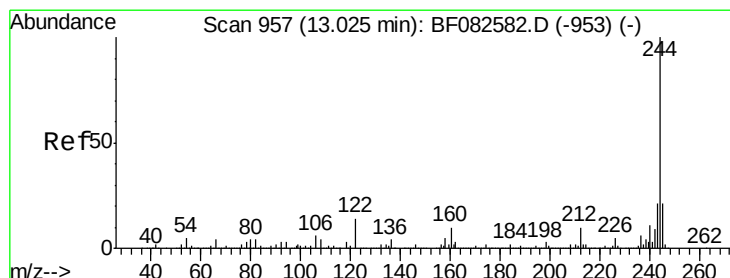
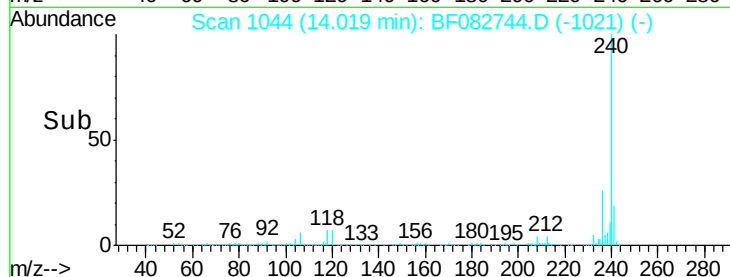
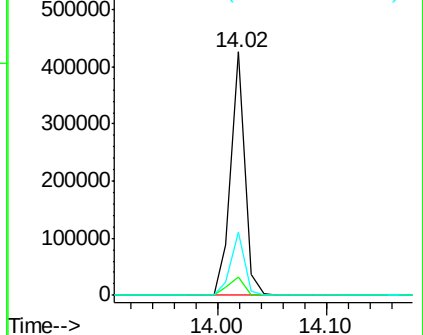
236 25.8 21.6 32.4



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: 71.60 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082744.D

Acq: 6 Nov 2015 1:08

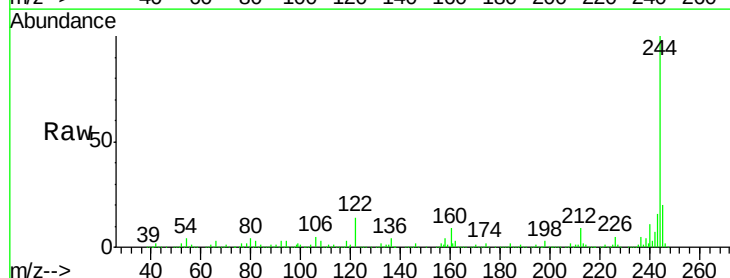
Tgt Ion:244 Resp: 1252444

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

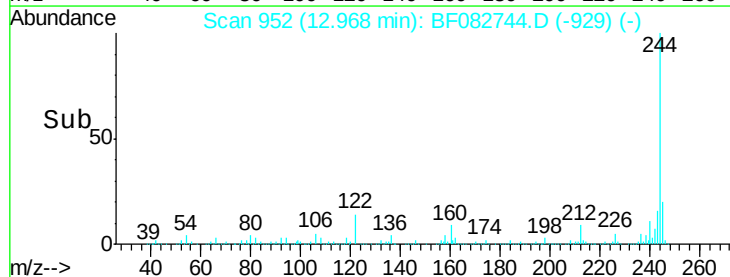
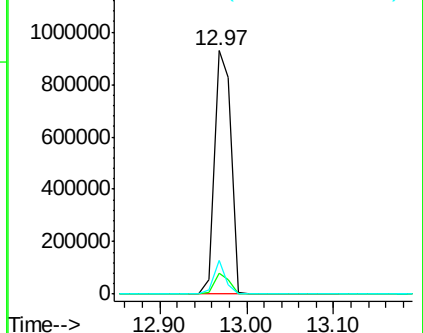
122 13.7 11.3 16.9

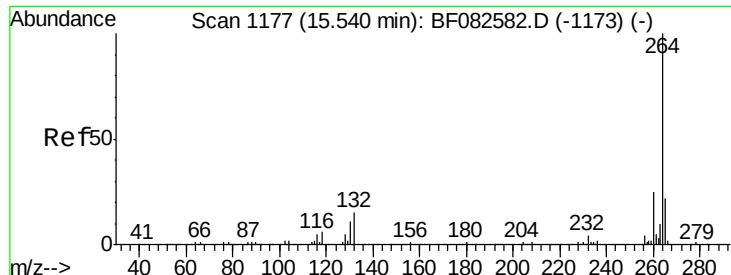


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF082744.D
Acq: 6 Nov 2015 1:08

Instrument :
BNA_F
ClientSampleId :
OCFEW1-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.1	17.4	26.0

