

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083063.D
 Acq On : 20 Nov 2015 5:23
 Operator : UM/IZ
 Sample : G4436-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Quant Time: Nov 20 07:08:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

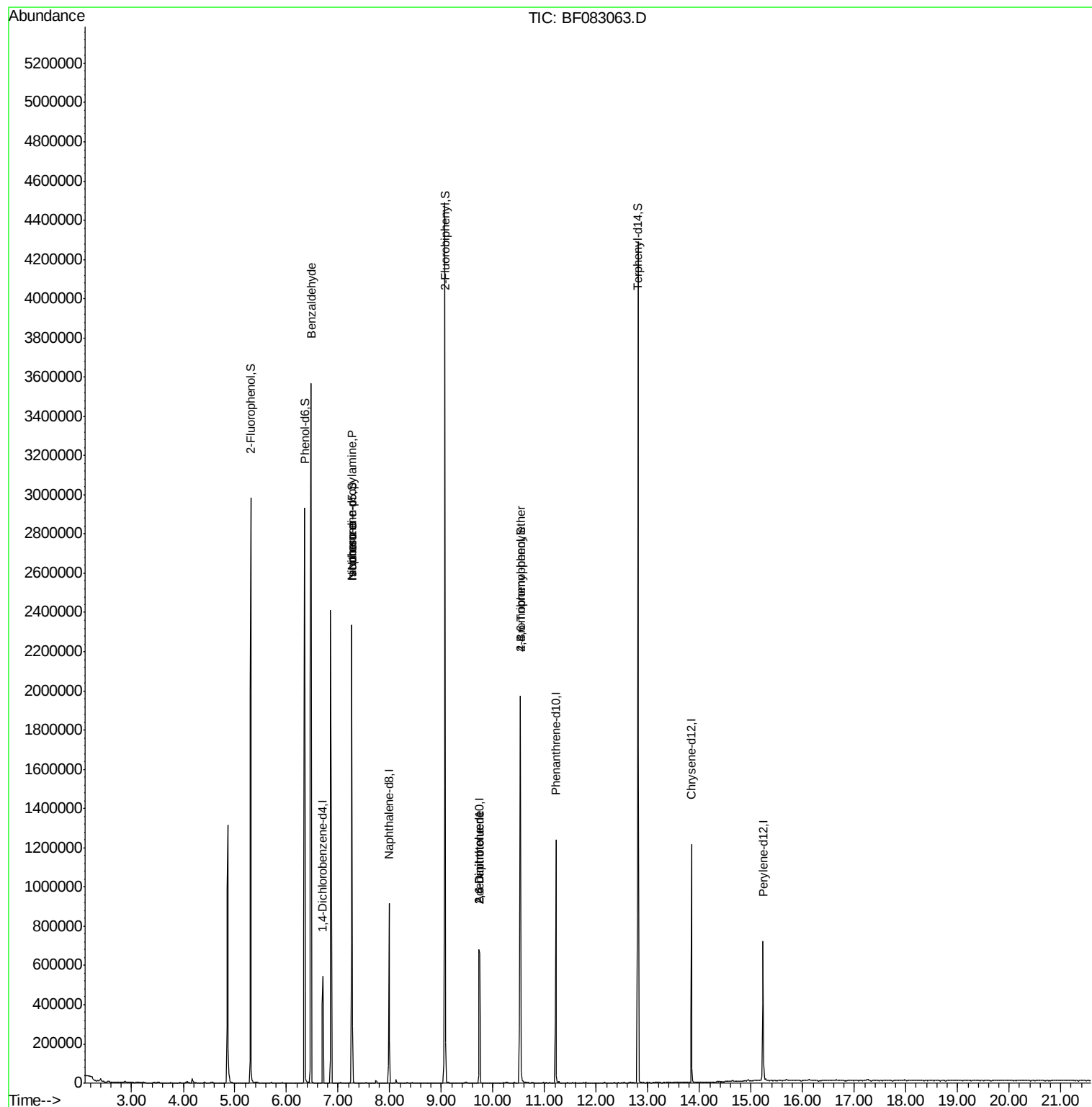
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104785	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	403871	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	207826	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	448760	20.00	ng	0.00
75) Chrysene-d12	13.85	240	436439	20.00	ng	-0.01
86) Perylene-d12	15.23	264	339736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	977389	144.87	ng	0.02
7) Phenol-d6	6.35	99	1018153	114.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	818951	92.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	378420	171.50	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1412069	91.51	ng	-0.01
78) Terphenyl-d14	12.81	244	1588235	85.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	28172	4.47	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.26	70	111630	17.19	ng	# 76
25) Isophorone	7.26	82	642191	38.59	ng	# 69
50) 2,6-Dinitrotoluene	9.73	165	26712	7.24	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	26712	5.41	ng	# 17
66) 4-Bromophenyl-phenylether	10.53	248	25323	4.87	ng	# 1

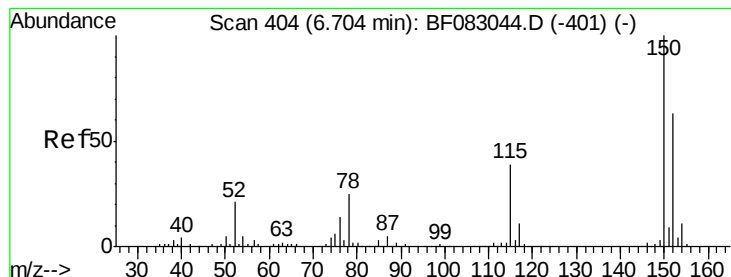
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083063.D
Acq On : 20 Nov 2015 5:23
Operator : UM/IZ
Sample : G4436-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-1601

Quant Time: Nov 20 07:08:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

Instrument :

BNA_F

ClientSampleId :

OS-1601

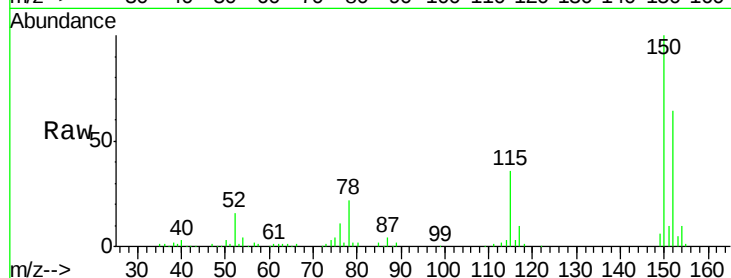
Tgt Ion:152 Resp: 104785

Ion Ratio Lower Upper

152 100

150 156.8 126.4 189.6

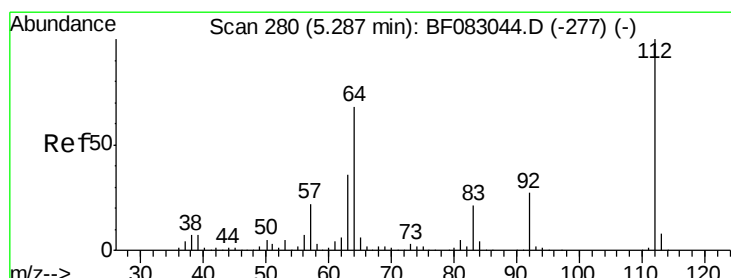
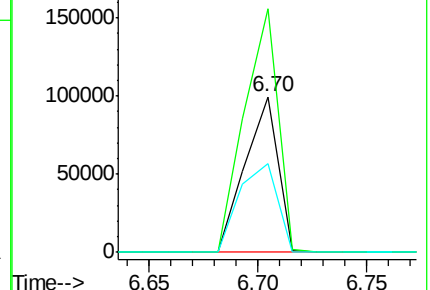
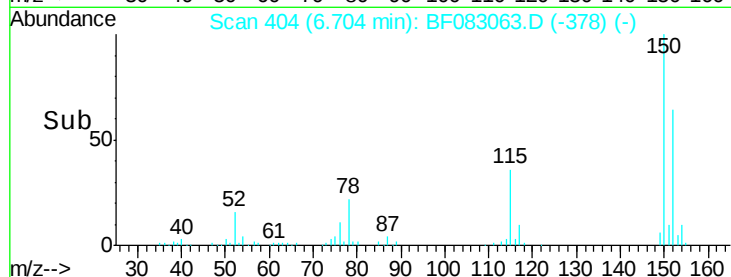
115 56.8 49.0 73.6



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: 144.87 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

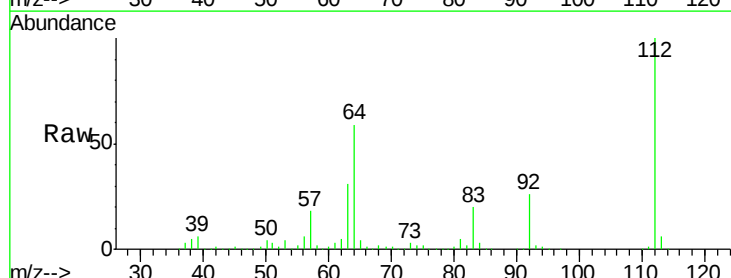
Tgt Ion:112 Resp: 977389

Ion Ratio Lower Upper

112 100

64 58.9 54.8 82.2

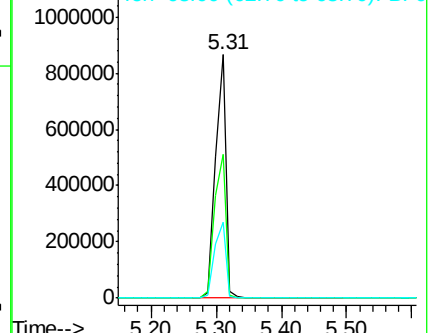
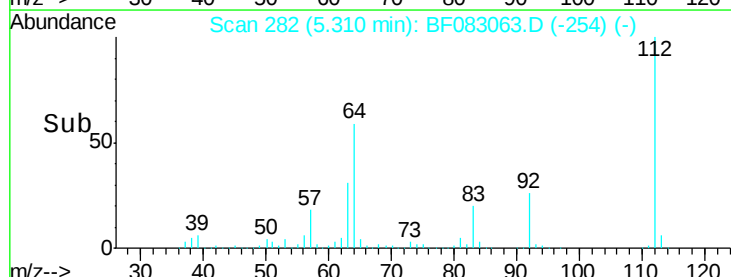
63 31.0 29.0 43.4

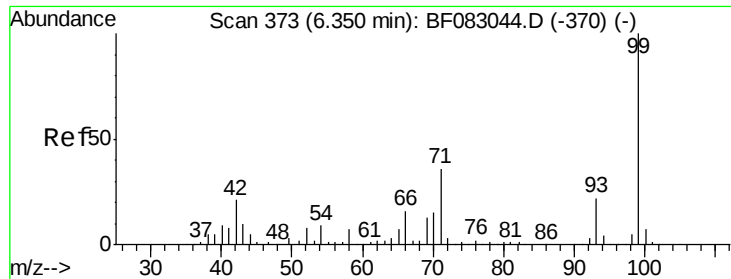


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.59 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

Instrument :

BNA_F

ClientSampleId :

OS-1601

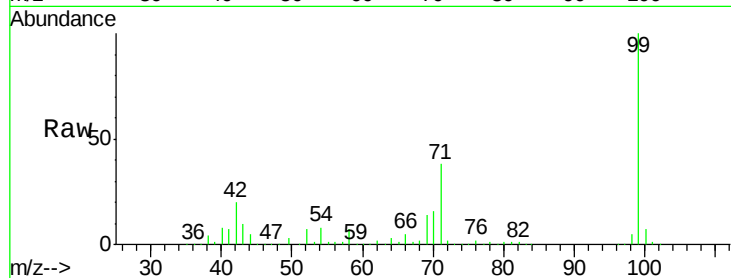
Tgt Ion: 99 Resp: 1018153

Ion Ratio Lower Upper

99 100

42 20.3 16.6 25.0

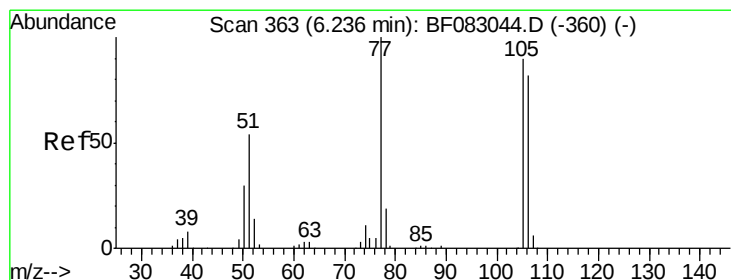
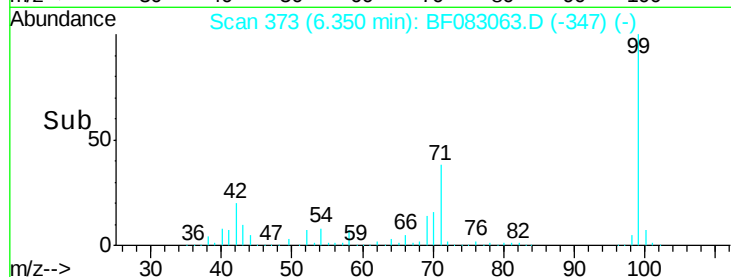
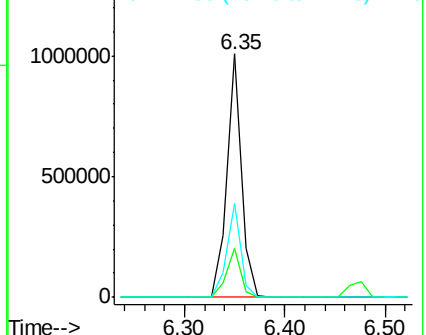
71 38.4 29.2 43.8



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: 4.47 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.24 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

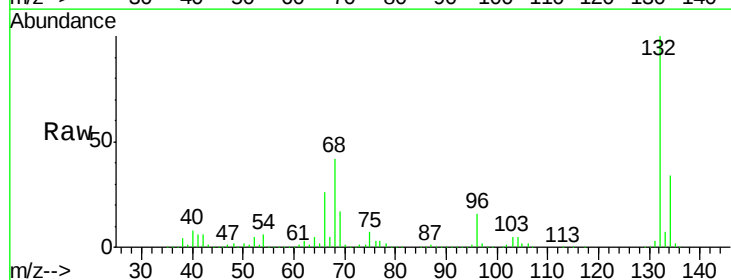
Tgt Ion: 77 Resp: 28172

Ion Ratio Lower Upper

77 100

105 79.0 69.6 109.6

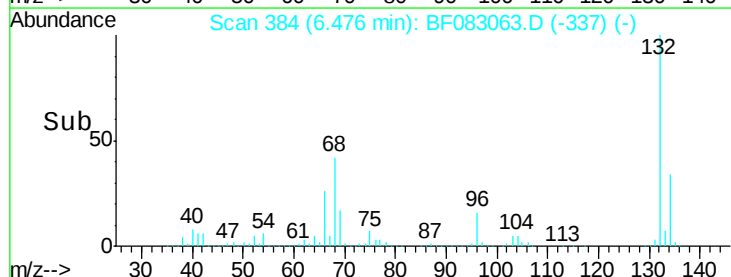
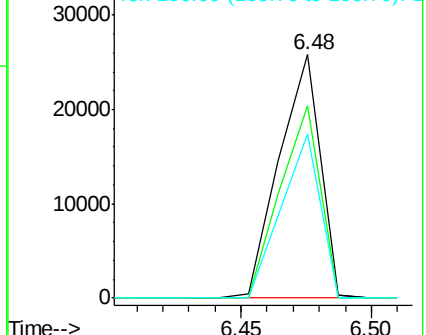
106 67.2 62.0 102.0

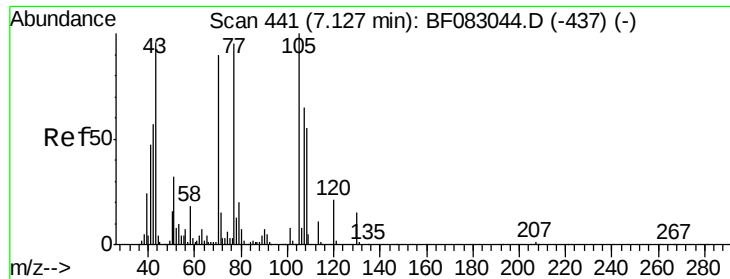


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

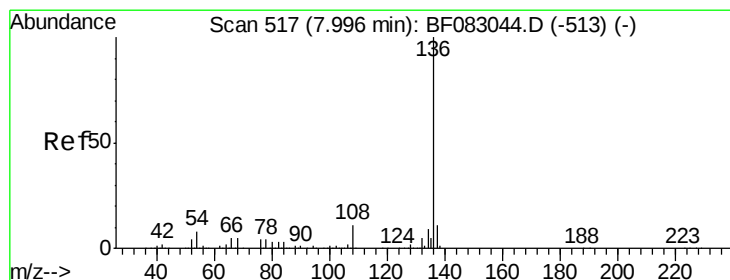
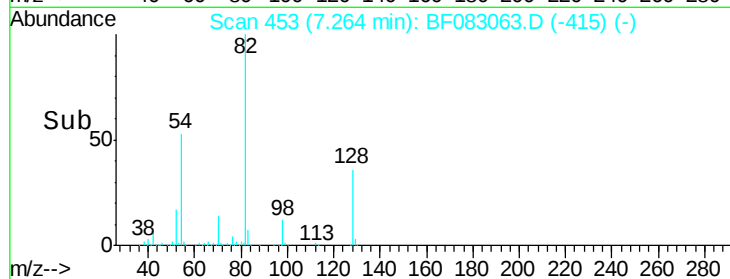
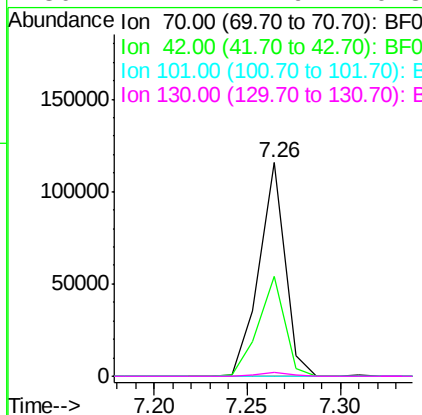
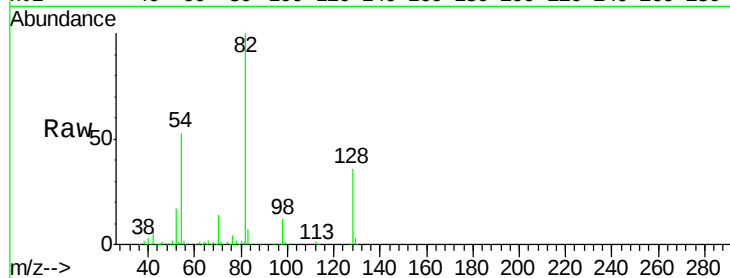




#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083063.D
Acq: 20 Nov 2015 5:23

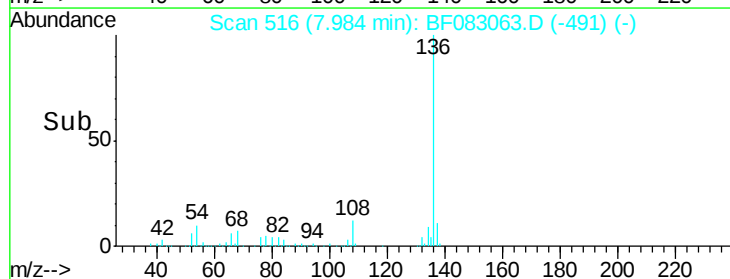
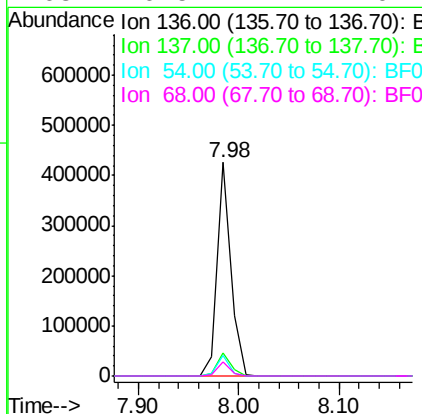
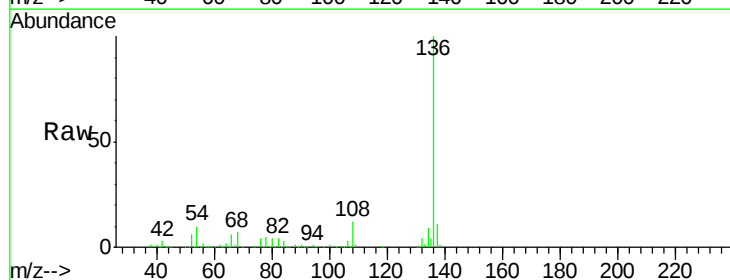
Instrument :
BNA_F
ClientSampleId :
OS-1601

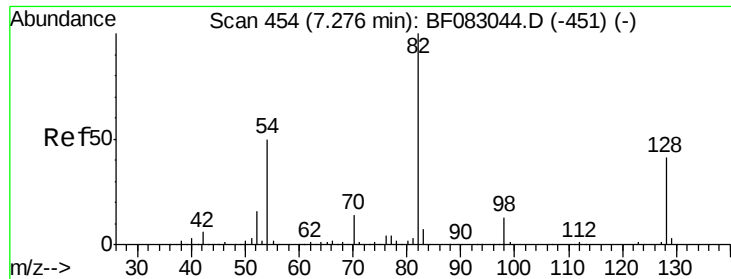
Tgt Ion: 70 Resp: 111630
Ion Ratio Lower Upper
70 100
42 46.6 50.2 75.2#
101 0.0 6.8 10.2#
130 1.7 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083063.D
Acq: 20 Nov 2015 5:23

Tgt Ion: 136 Resp: 403871
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 6.2 9.2#
68 6.5 4.2 6.2#

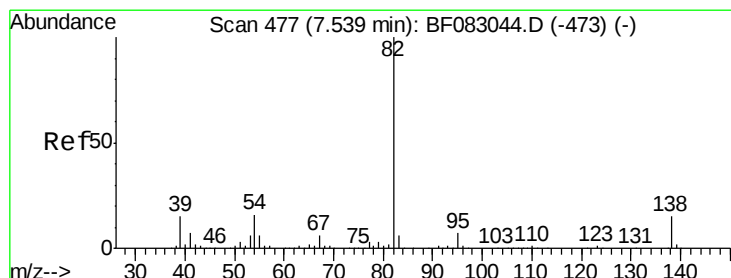
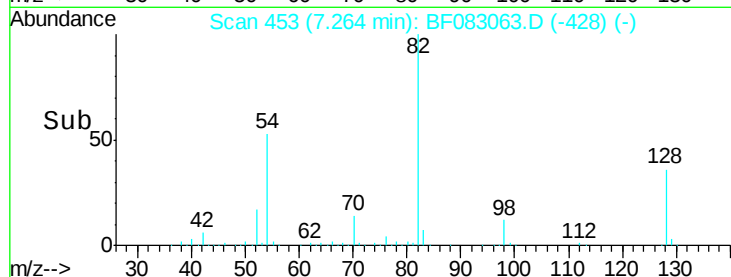
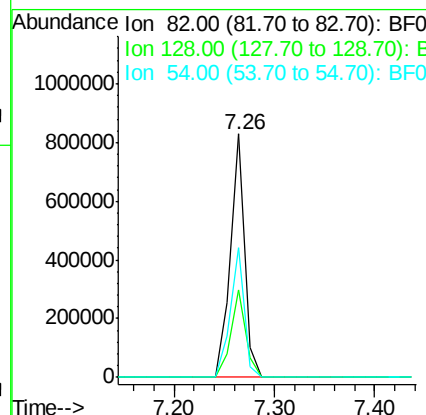
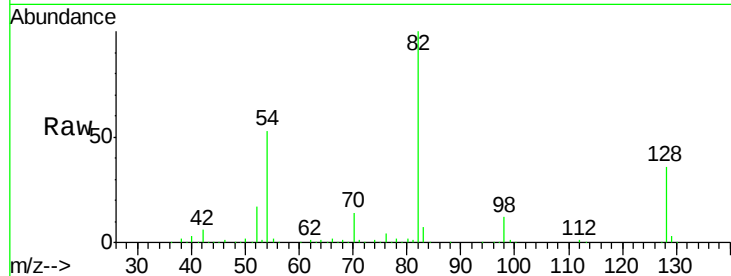




#23
 Nitrobenzene-d5
 Concen: 92.83 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

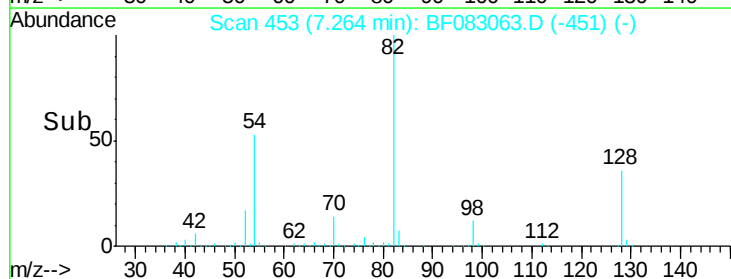
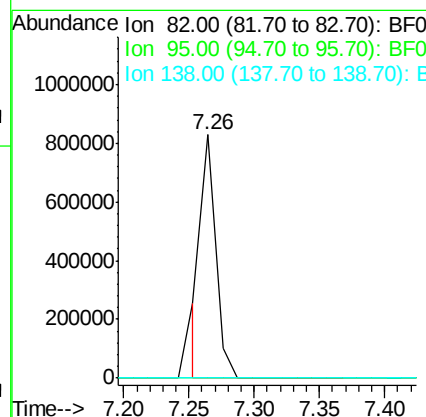
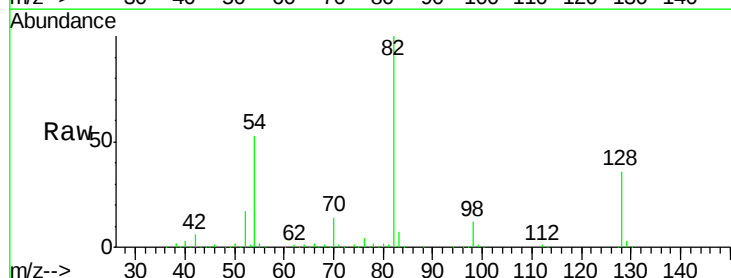
Instrument :
 BNA_F
 ClientSampled :
 OS-1601

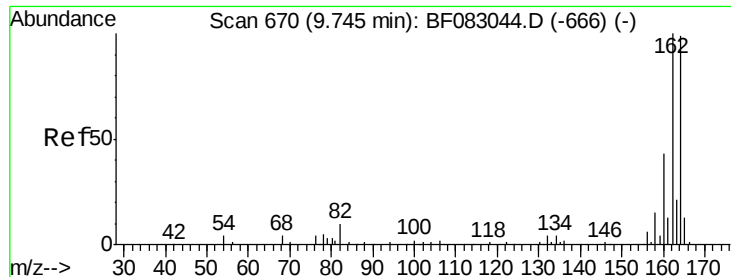
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.1	49.7
54	53.1	39.8	59.6



#25
 Isophorone
 Concen: 38.59 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.27 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.2	18.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

Instrument :

BNA_F

ClientSampleId :

OS-1601

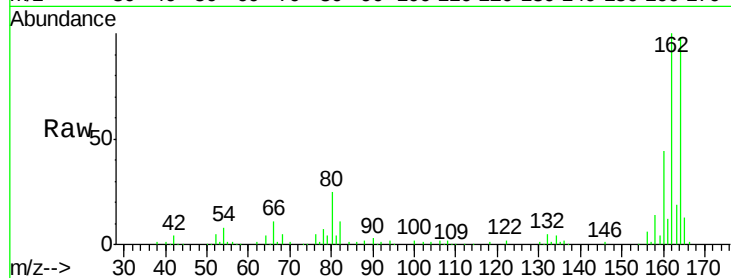
Tgt Ion:164 Resp: 207826

Ion Ratio Lower Upper

164 100

162 101.9 80.5 120.7

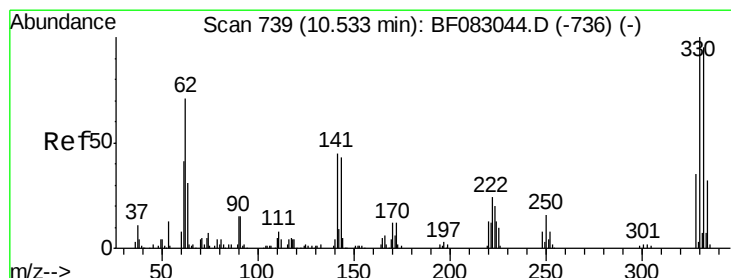
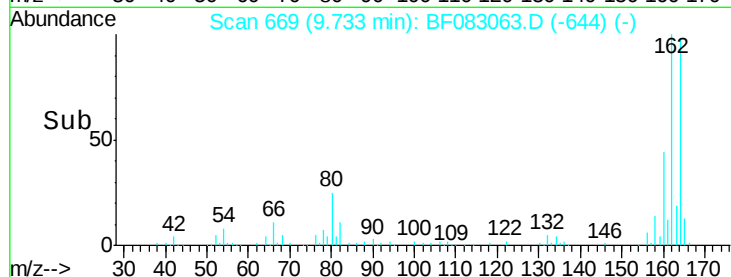
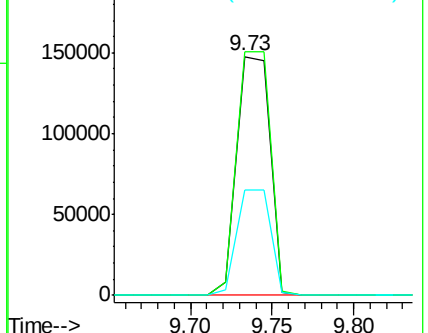
160 44.3 35.0 52.4



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: 171.50 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

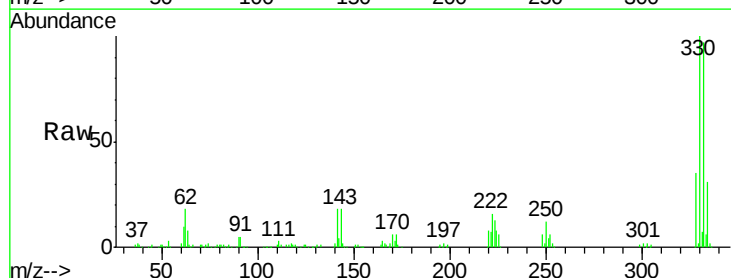
Tgt Ion:330 Resp: 378420

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

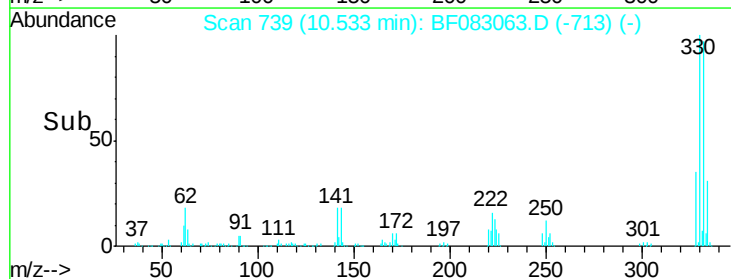
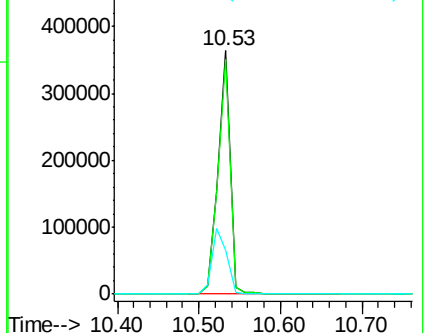
141 33.4 34.6 52.0#

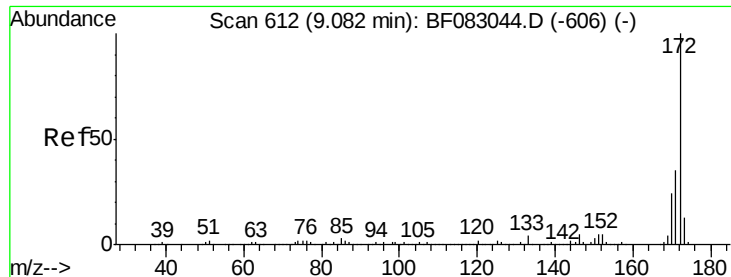


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

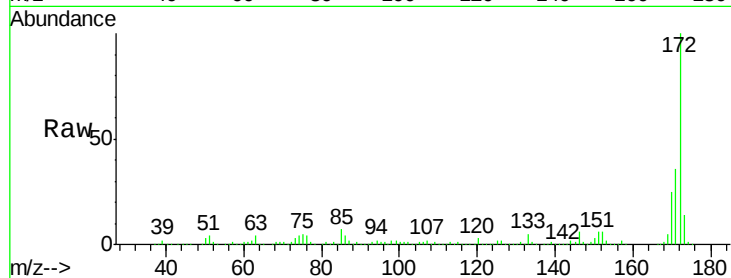




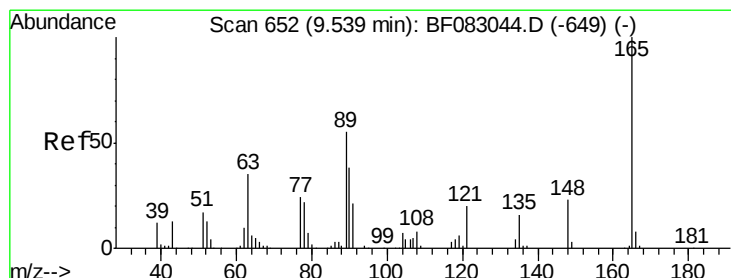
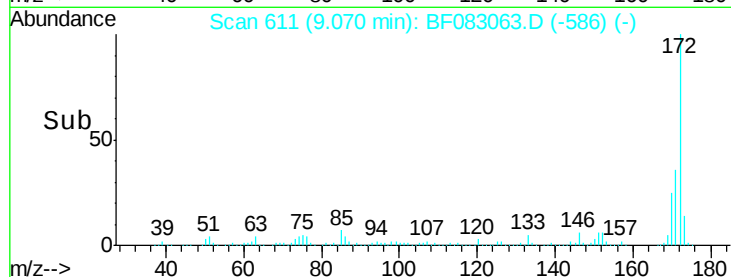
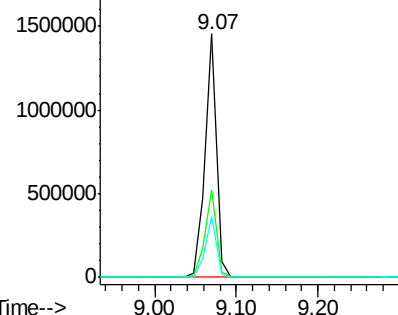
#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Tgt Ion:172 Resp: 1412069
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.4
 170 24.8 19.4 29.0

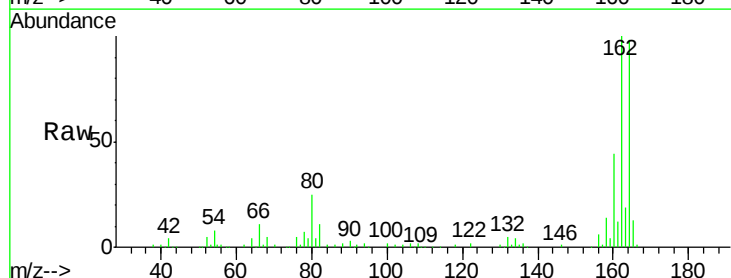


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

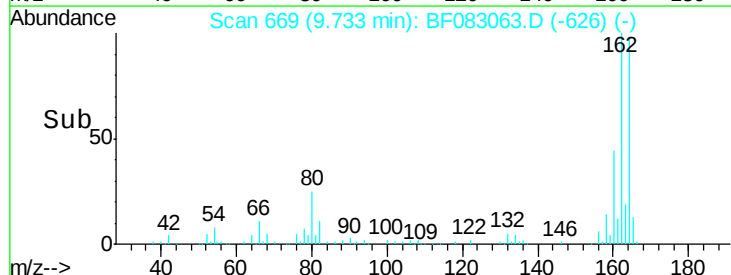
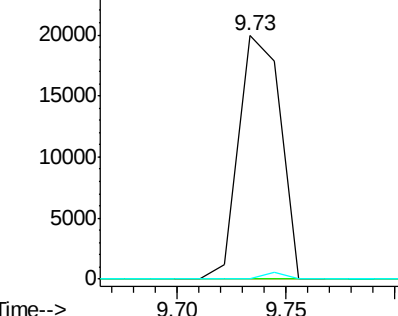


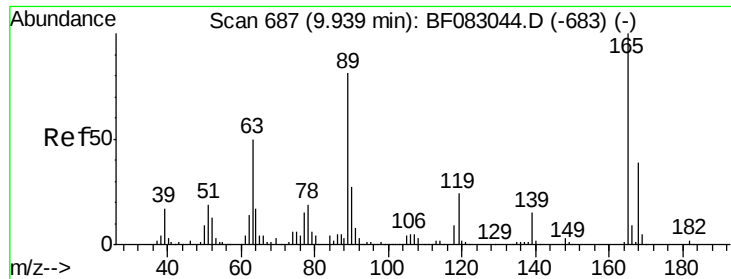
#50
 2,6-Dinitrotoluene
 Concen: 7.24 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.19 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion:165 Resp: 26712
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.6 61.0#
 89 0.0 44.5 66.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

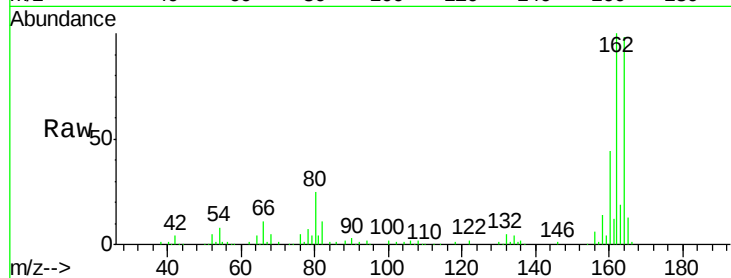




#56
 2,4-Dinitrotoluene
 Concen: 5.41 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.21 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Tgt Ion:	165	Resp:	26712
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.6	61.0#
89	0.0	64.4	96.6#
182	0.0	1.6	2.4#

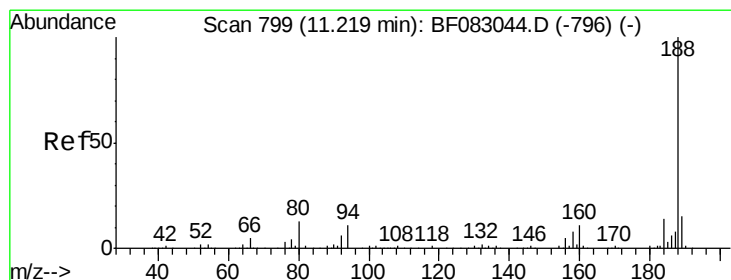
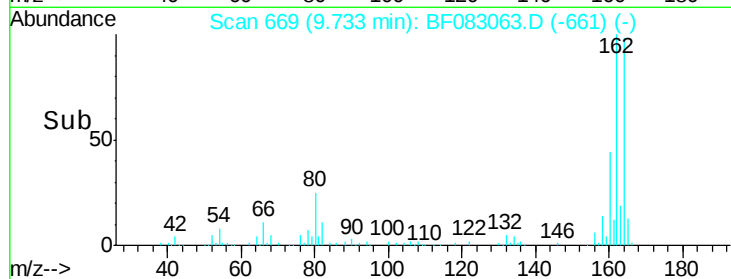
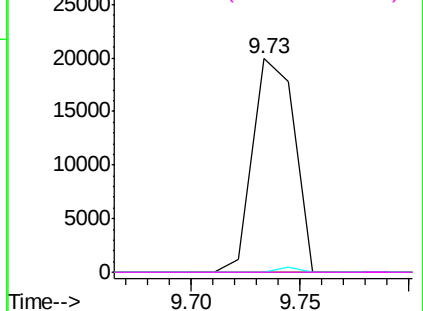


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

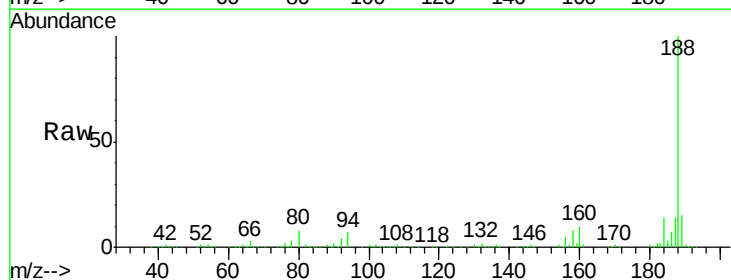
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

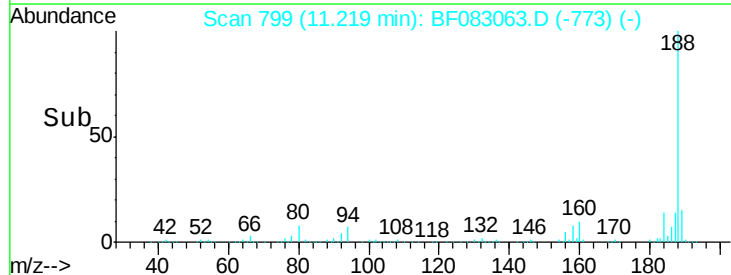
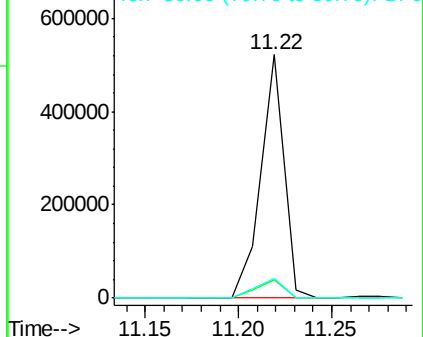
Tgt Ion:	188	Resp:	448760
Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	8.0	10.2	15.4#

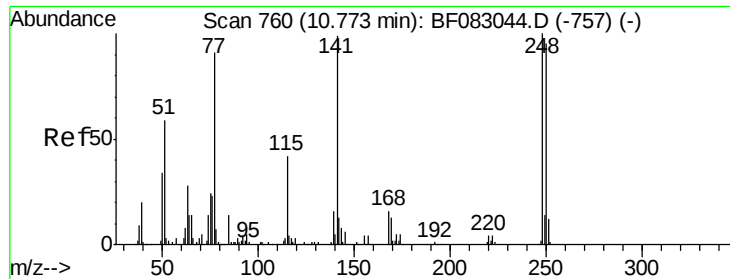


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

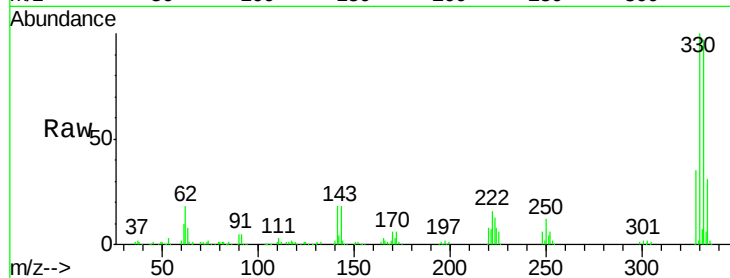




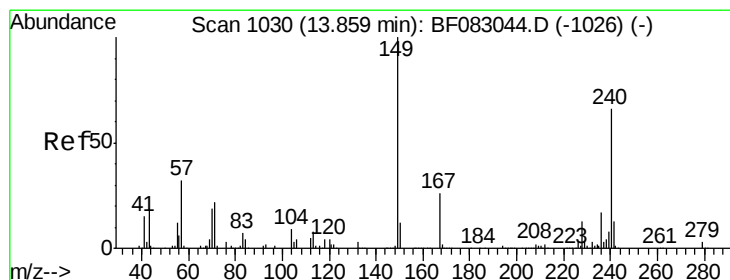
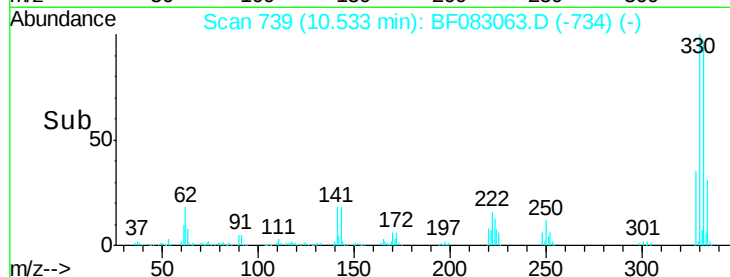
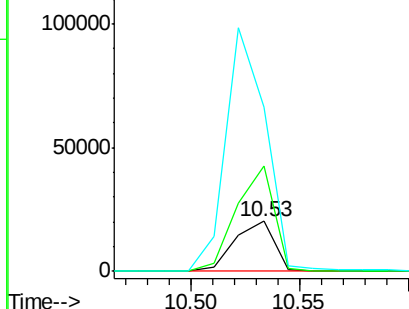
#66
 4-Bromophenyl-phenylether
 Concen: 4.87 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampled :
 OS-1601

Tgt Ion:248 Resp: 25323
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.1 114.1#
 141 329.3 79.2 118.8#

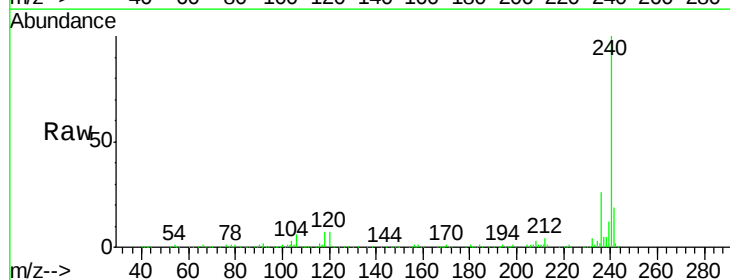


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

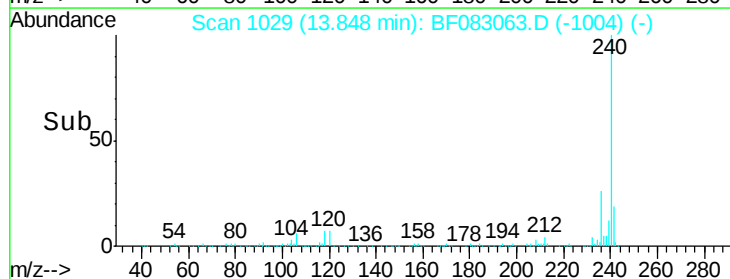
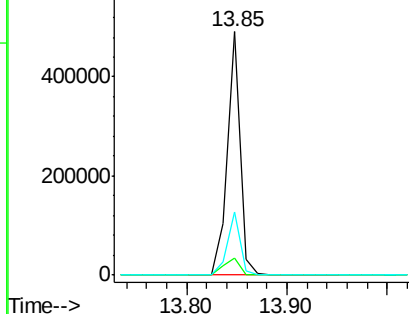


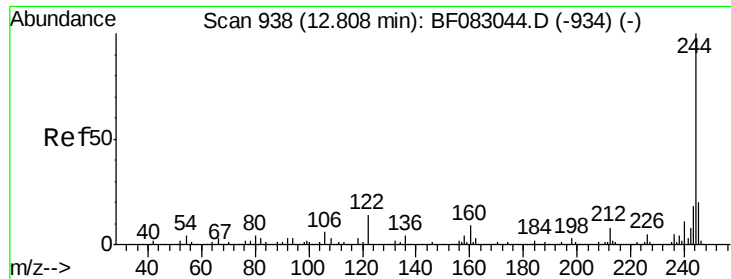
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion:240 Resp: 436439
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.3 7.9
 236 26.1 20.4 30.6



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

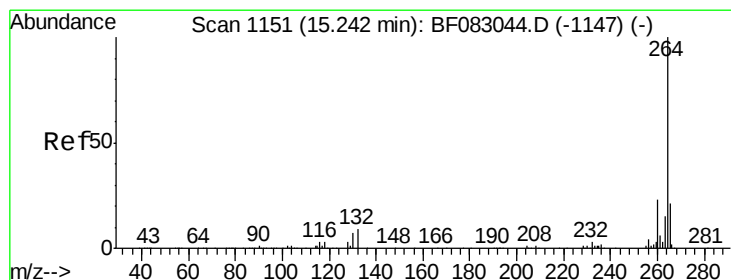
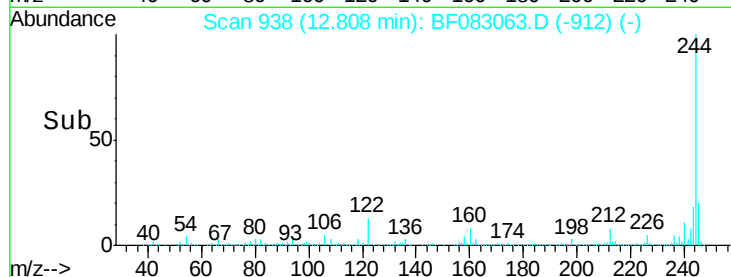
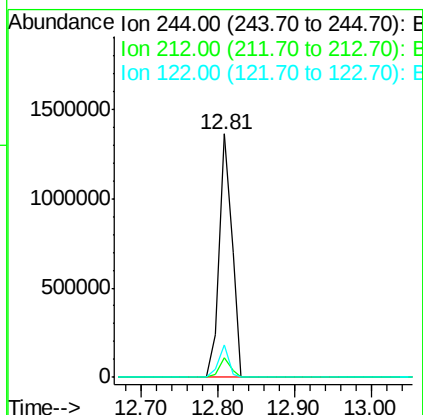
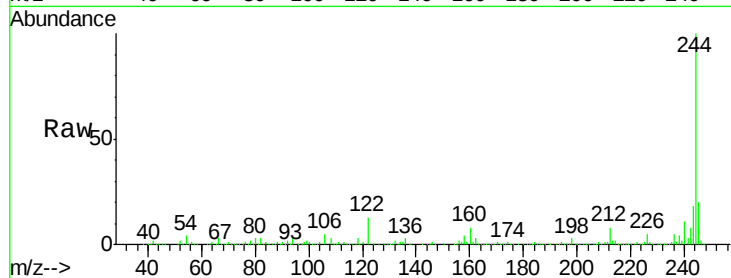




#78
 Terphenyl-d14
 Concen: 85.91 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Tgt Ion:244 Resp: 1588235
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 13.1 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion:264 Resp: 339736
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.0 17.0 25.6

