

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083080.D
 Acq On : 20 Nov 2015 14:25
 Operator : UM/IZ
 Sample : G4452-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:30:37 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

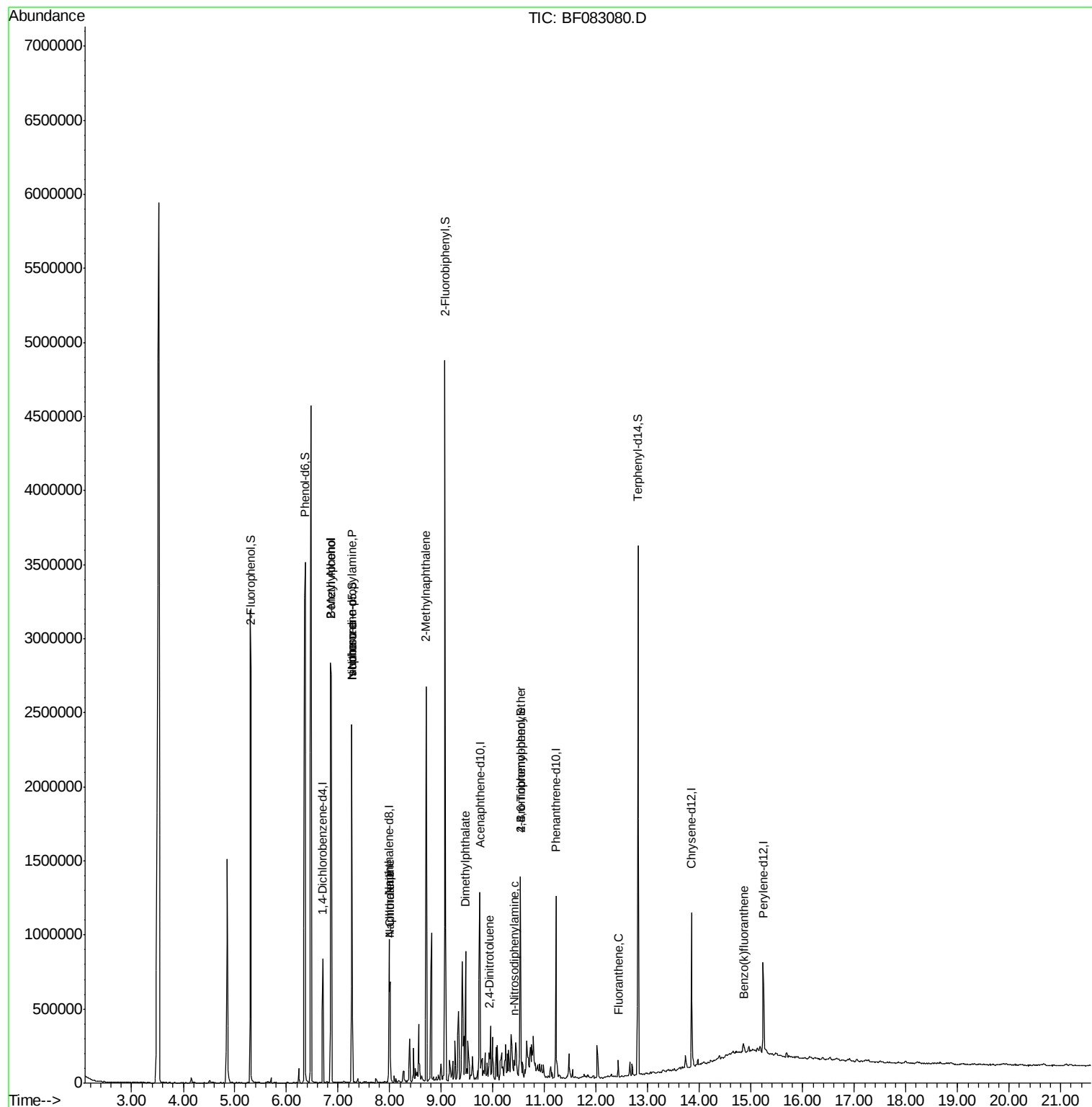
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150393	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	524506	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	259172	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	409160	20.00	ng	0.00
75) Chrysene-d12	13.85	240	371761	20.00	ng	-0.01
86) Perylene-d12	15.23	264	318020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1257102	129.83	ng	0.02
7) Phenol-d6	6.36	99	1778415	139.45	ng	0.01
23) Nitrobenzene-d5	7.26	82	849493	74.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	217530	79.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1575559	81.88	ng	-0.01
78) Terphenyl-d14	12.81	244	1329155	84.40	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	111112	10.59	ng	96
17) 2-Methylphenol	6.85	107	45273	5.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	115775	12.42	ng	# 78
25) Isophorone	7.26	82	690945	31.97	ng	# 69
31) Naphthalene	8.01	128	279383	10.22	ng	99
33) 4-Chloroaniline	8.01	127	35443	2.98	ng	# 28
37) 2-Methylnaphthalene	8.70	142	665606	36.58	ng	99
49) Dimethylphthalate	9.47	163	354611	16.62	ng	98
56) 2,4-Dinitrotoluene	9.93	165	23670	3.85	ng	# 31
65) n-Nitrosodiphenylamine	10.41	169	31604	2.20	ng	# 40
66) 4-Bromophenyl-phenylether	10.53	248	13593	2.87	ng	# 1
74) Fluoranthene	12.43	202	51821	2.01	ng	96
88) Benzo(k)fluoranthene	14.85	252	38251	2.26	ng	# 91

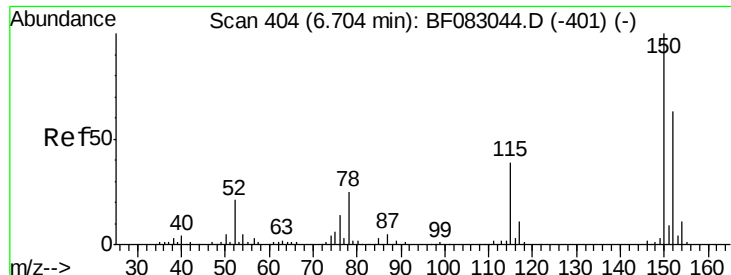
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
Data File : BF083080.D
Acq On : 20 Nov 2015 14:25
Operator : UM/IZ
Sample : G4452-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 20 22:30:37 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



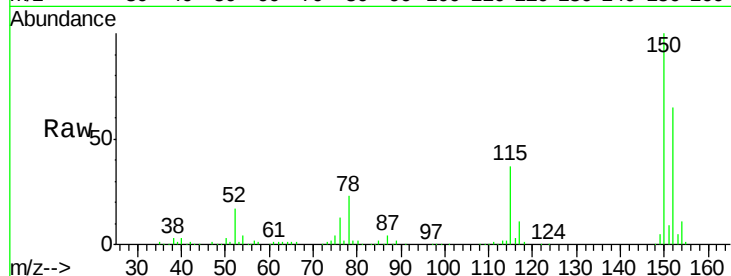


#1

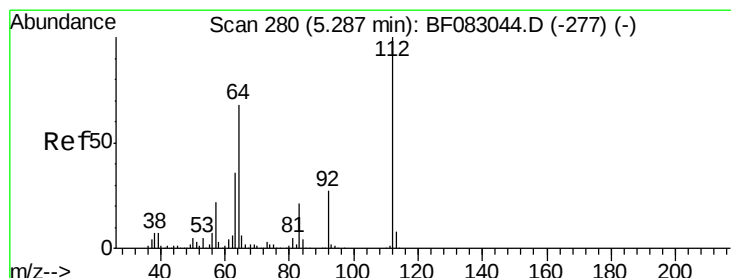
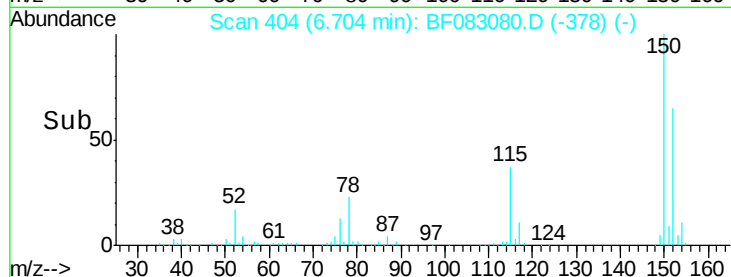
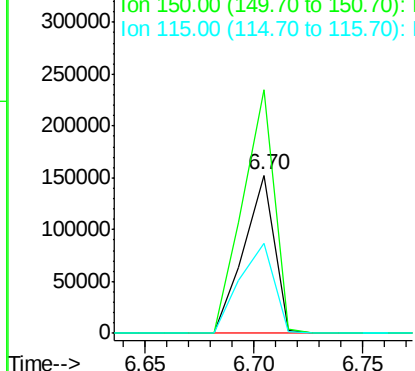
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150393
Ion Ratio Lower Upper
152 100
150 153.6 126.4 189.6
115 56.4 49.0 73.6



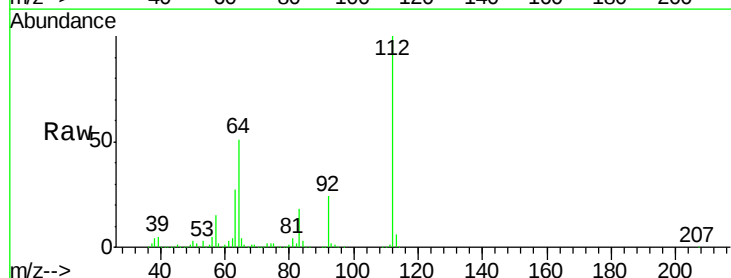
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



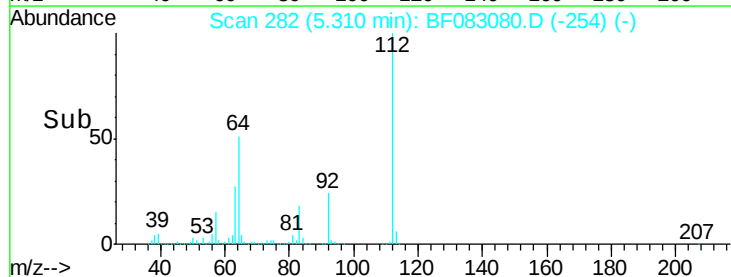
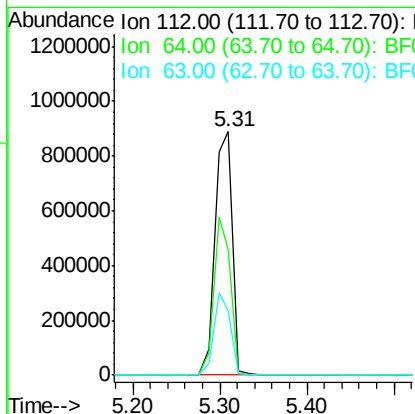
#5

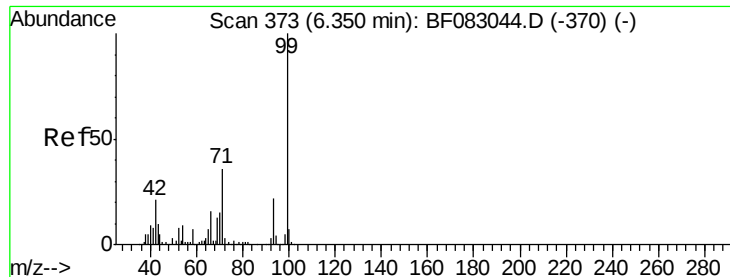
2-Fluorophenol
Concen: 129.83 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:112 Resp: 1257102
Ion Ratio Lower Upper
112 100
64 51.5 54.8 82.2#
63 26.7 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: 139.45 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

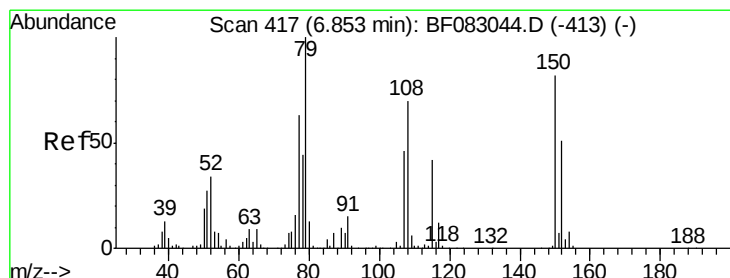
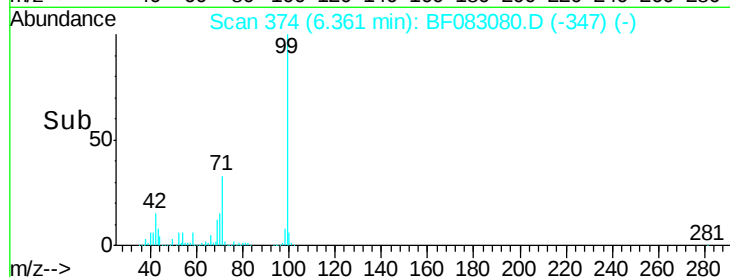
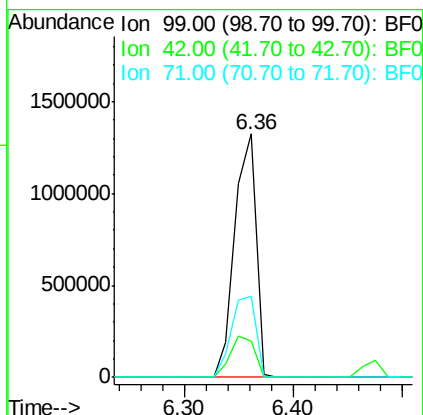
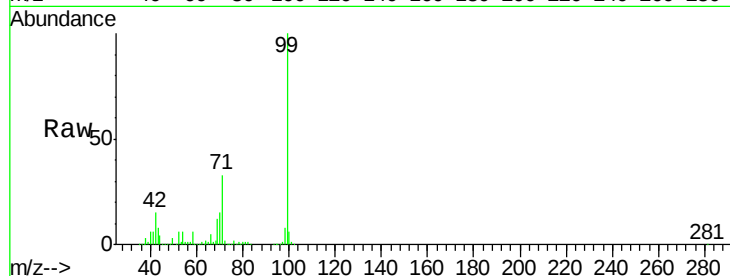
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1778415

Ion	Ratio	Lower	Upper
99	100		
42	15.1	16.6	25.0#
71	33.1	29.2	43.8



#15

Benzyl Alcohol

Concen: 10.59 ng

RT: 6.85 min Scan# 417

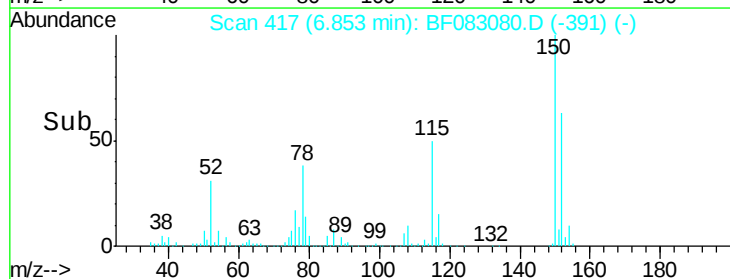
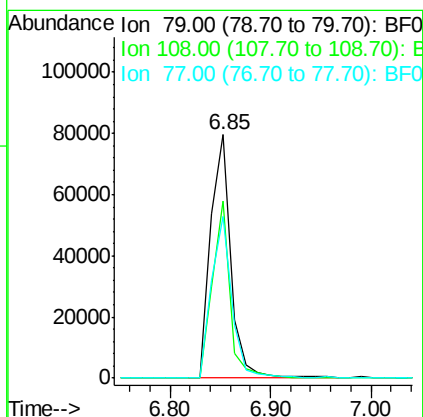
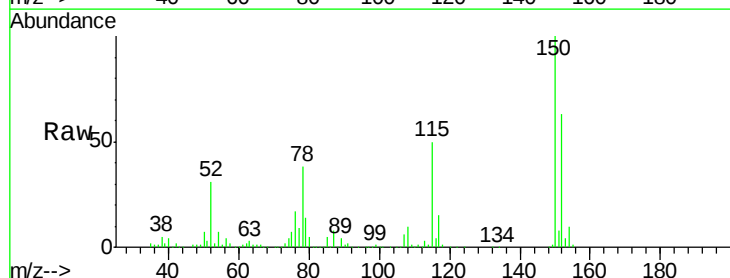
Delta R.T. 0.00 min

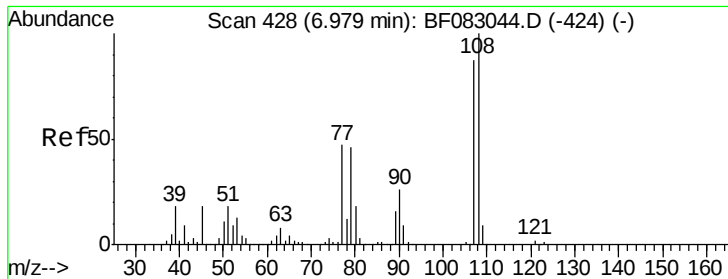
Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Tgt Ion: 79 Resp: 111112

Ion	Ratio	Lower	Upper
79	100		
108	73.0	55.7	83.5
77	66.3	50.7	76.1





#17

2-Methylphenol

Concen: 5.02 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.13 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 45273

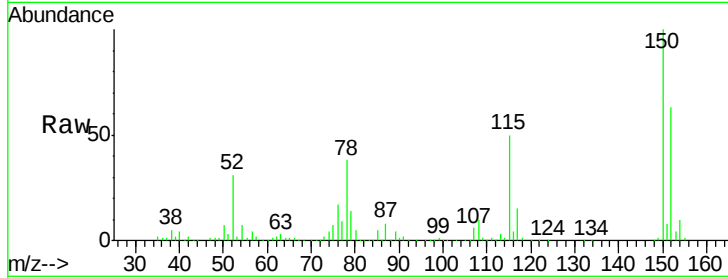
Ion Ratio Lower Upper

107 100

108 157.9 92.3 138.5#

77 143.5 43.9 65.9#

79 216.4 42.6 64.0#

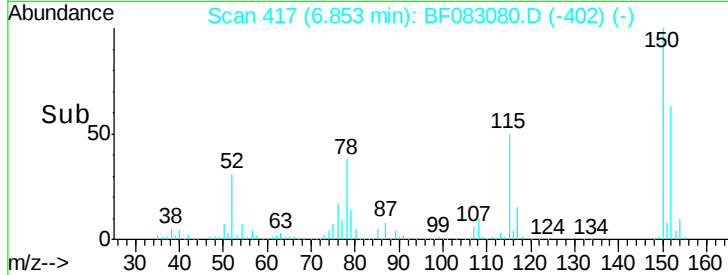


Abundance Ion 107.00 (106.70 to 107.70): E

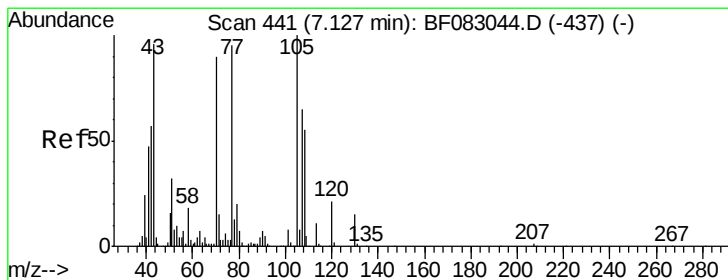
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 12.42 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Tgt Ion: 70 Resp: 115775

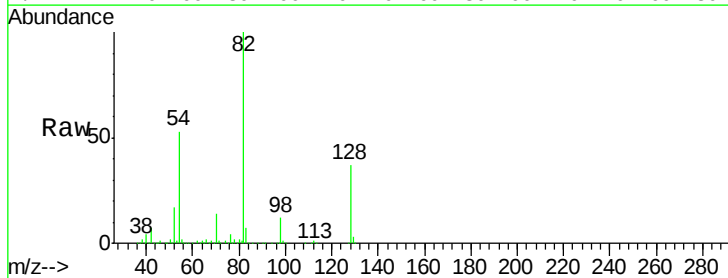
Ion Ratio Lower Upper

70 100

42 47.7 50.2 75.2#

101 0.0 6.8 10.2#

130 1.8 12.9 19.3#

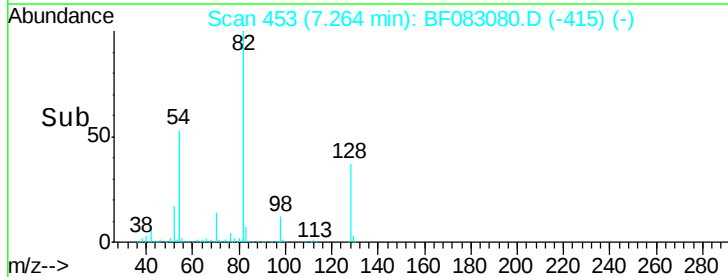


Abundance Ion 70.00 (69.70 to 70.70): BF0

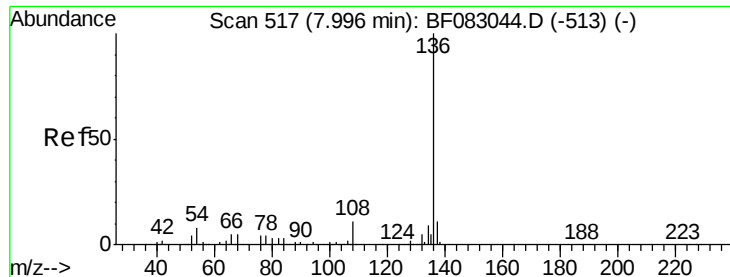
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 524506

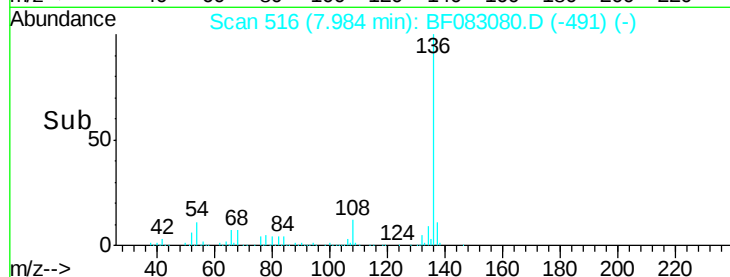
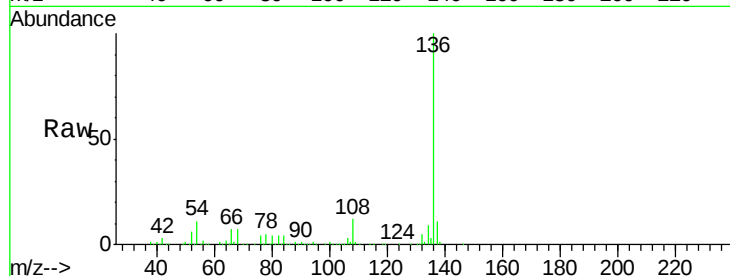
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 10.7 6.2 9.2#

68 7.3 4.2 6.2#

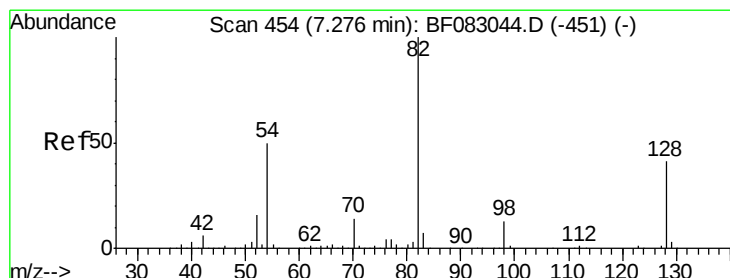
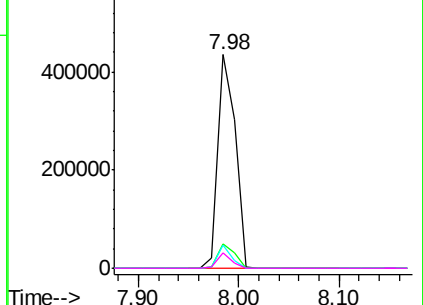


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 74.15 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

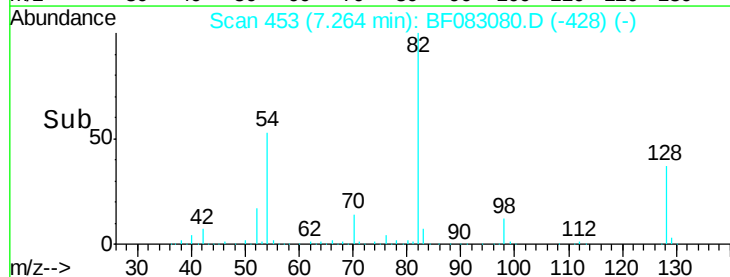
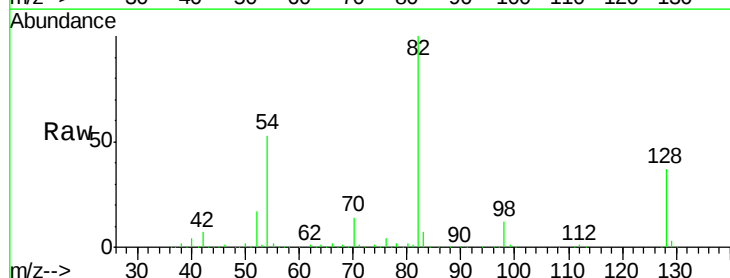
Tgt Ion: 82 Resp: 849493

Ion Ratio Lower Upper

82 100

128 36.5 33.1 49.7

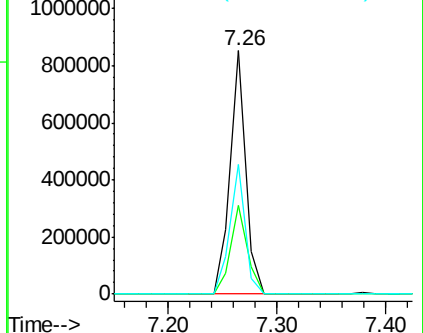
54 53.1 39.8 59.6

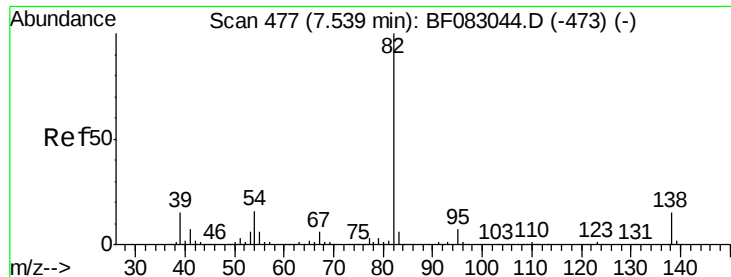


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

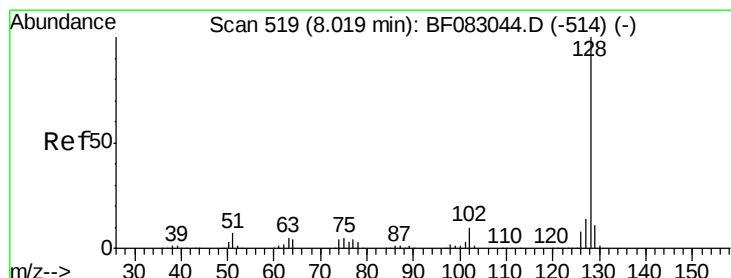
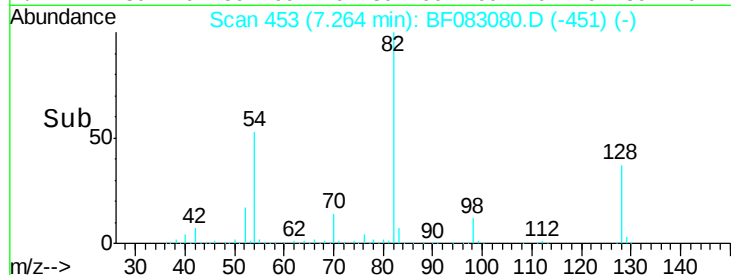
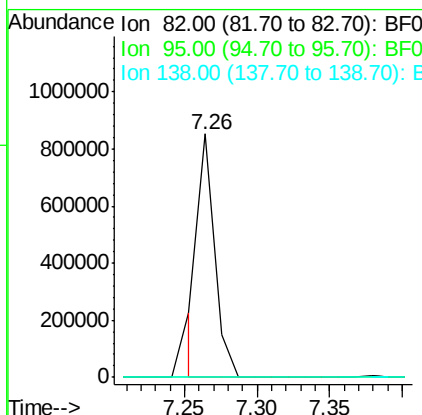
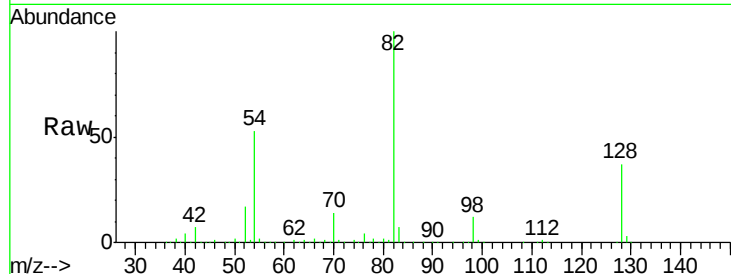




#25
Isophorone
Concen: 31.97 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

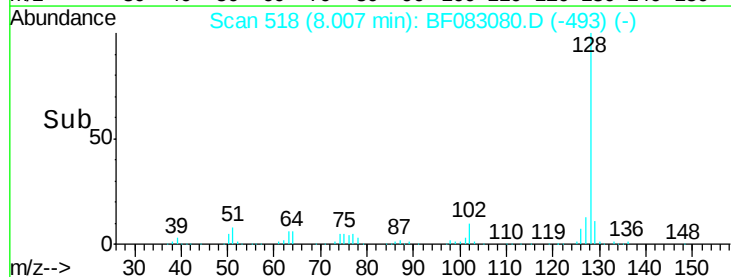
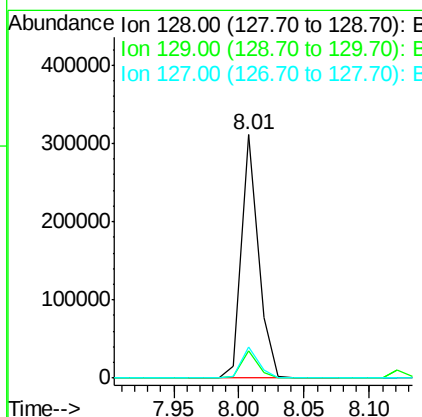
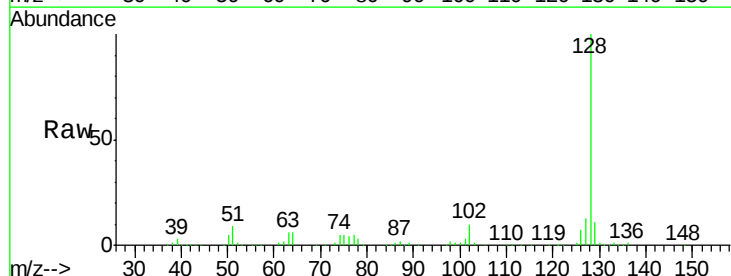
Instrument :
BNA_F
ClientSampleId :

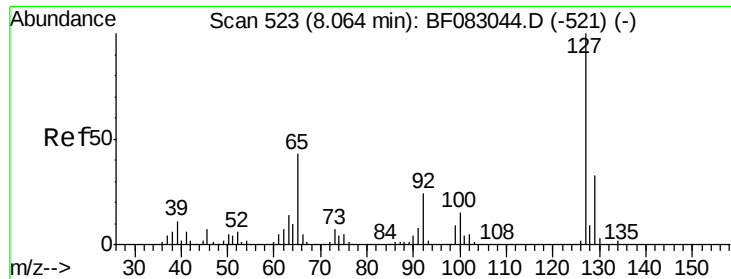
Tot Ion: 82 Resp: 690945
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 12.2 18.4#



#31
Naphthalene
Concen: 10.22 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion: 128 Resp: 279383
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.9 16.3

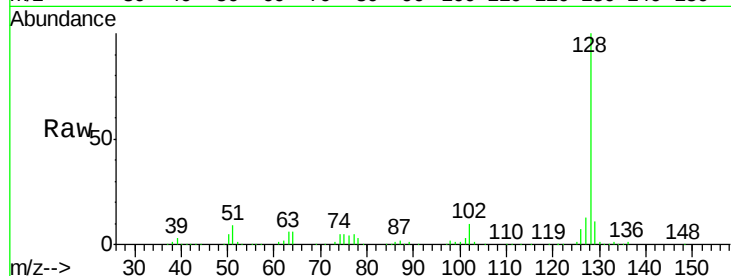




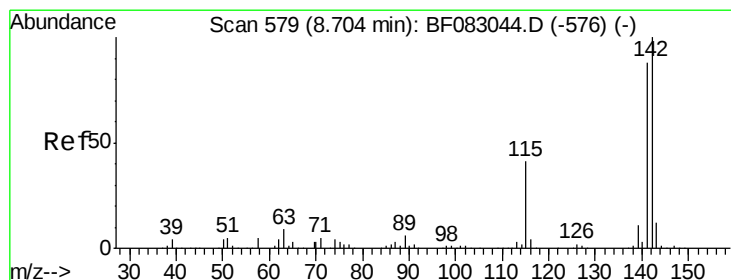
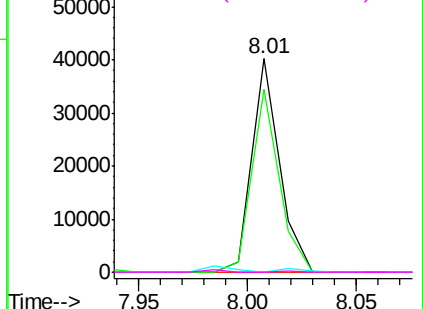
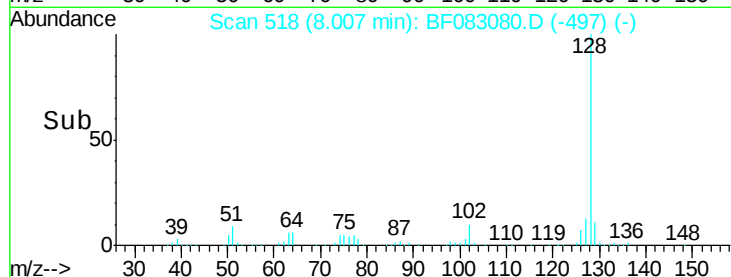
#33
4-Chloroaniline
Concen: 2.98 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 35443
Ion Ratio Lower Upper
127 100
129 85.6 26.1 39.1#
65 0.0 34.4 51.6#
92 0.0 19.5 29.3#

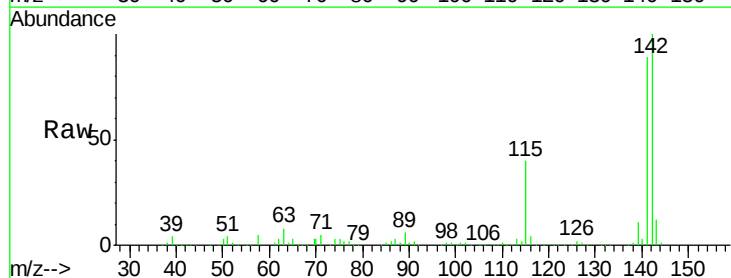


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

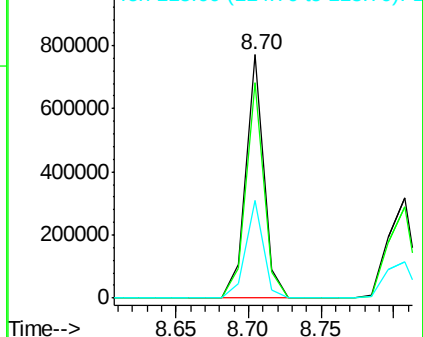
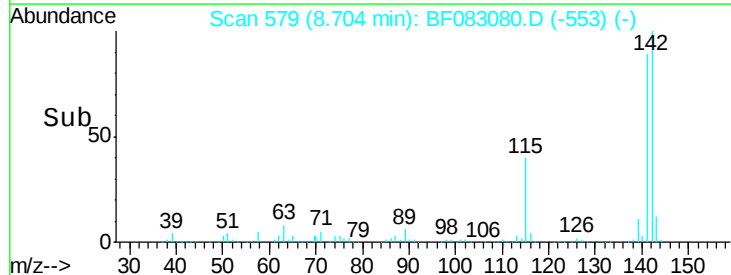


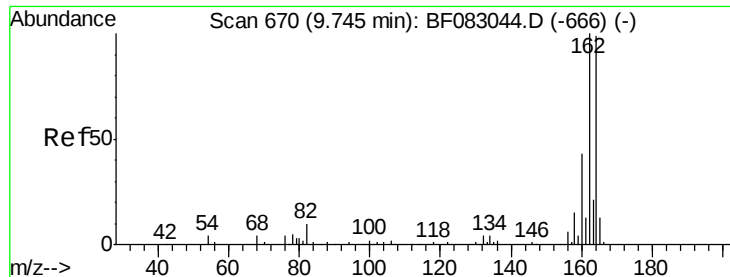
#37
2-Methylnaphthalene
Concen: 36.58 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:142 Resp: 665606
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 39.9 33.1 49.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

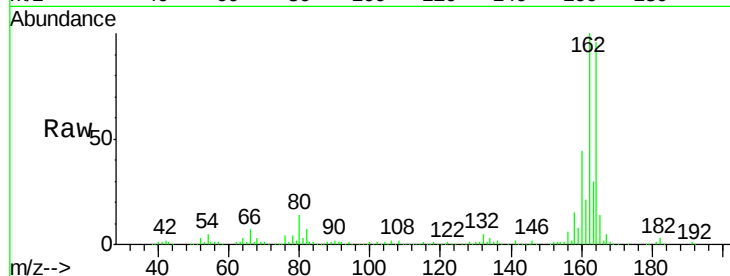




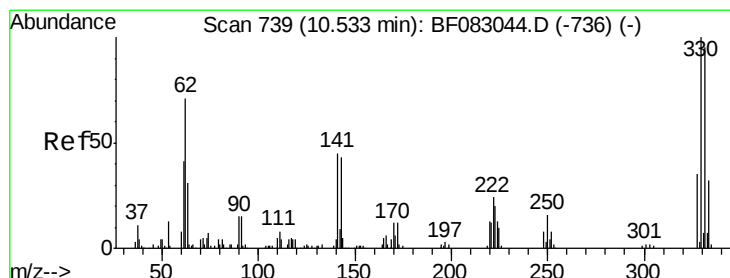
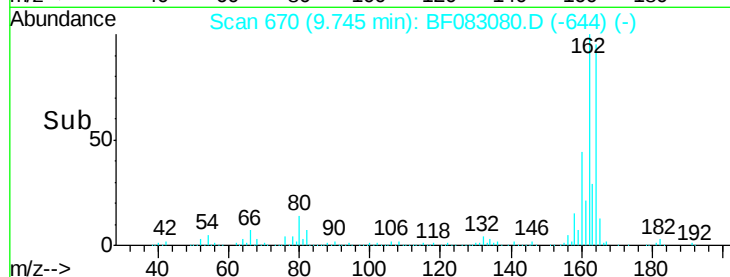
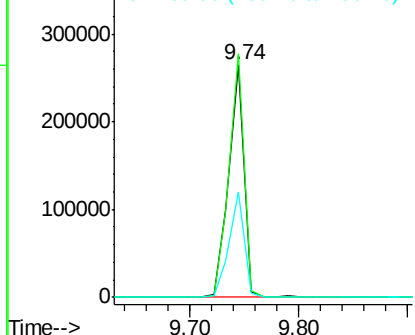
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 259172
Ion Ratio Lower Upper
164 100
162 104.6 80.5 120.7
160 45.5 35.0 52.4

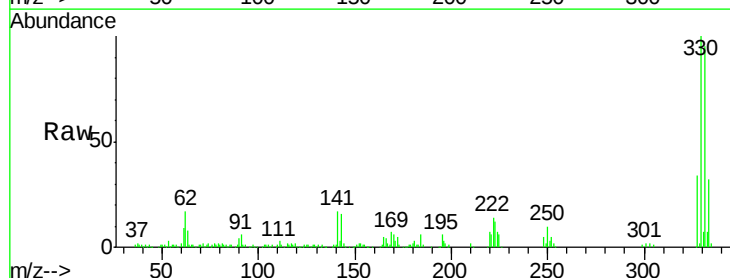


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

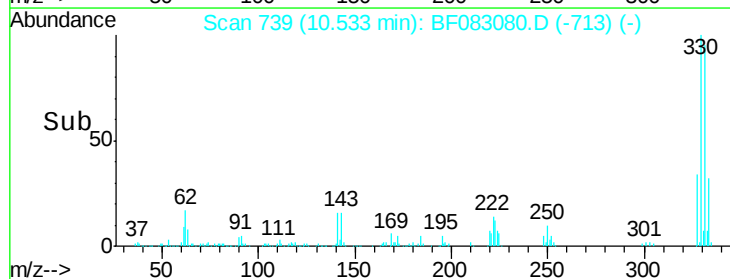
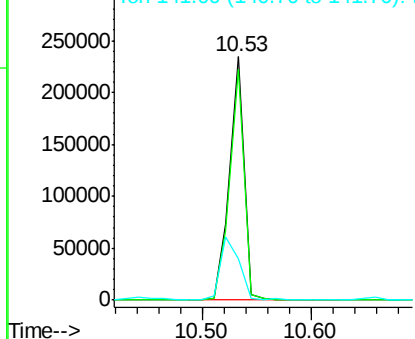


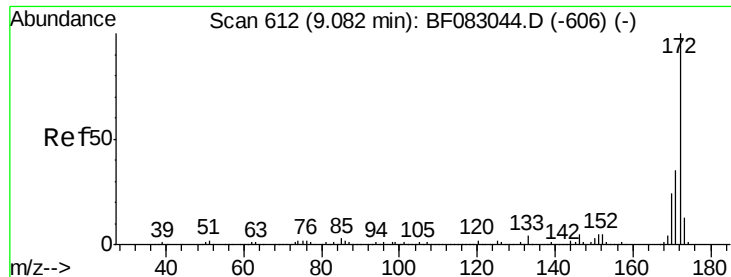
#41
2,4,6-Tribromophenol
Concen: 79.05 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:330 Resp: 217530
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 33.0 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

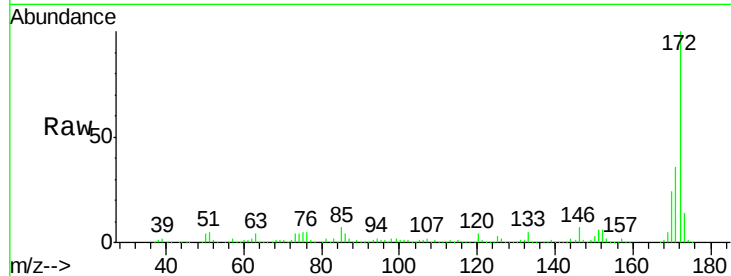




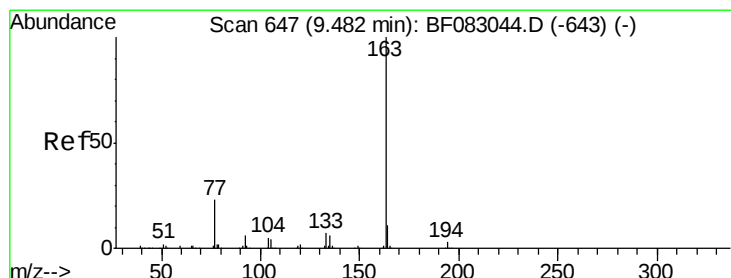
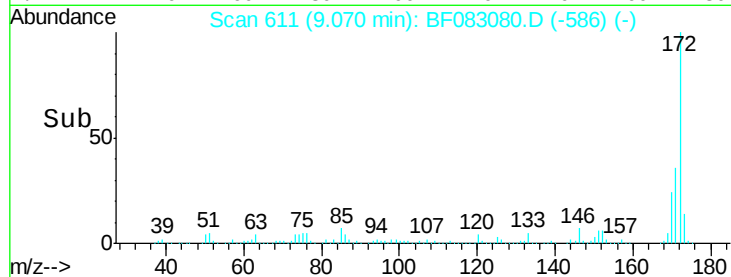
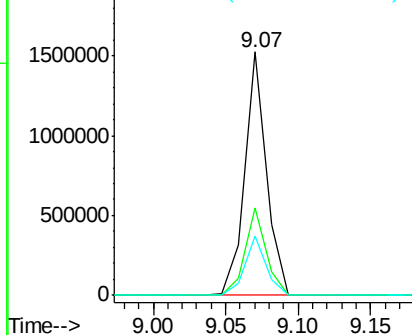
#44
2-Fluorobiphenyl
Concen: 81.88 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1575559
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 24.4 19.4 29.0

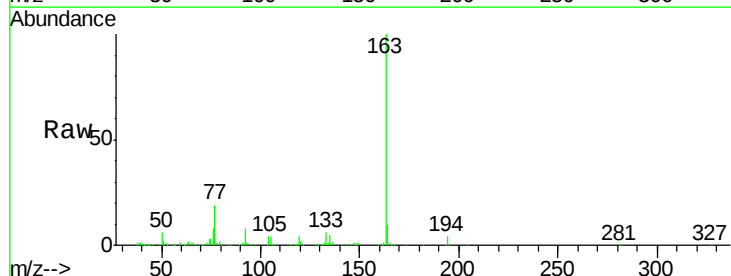


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

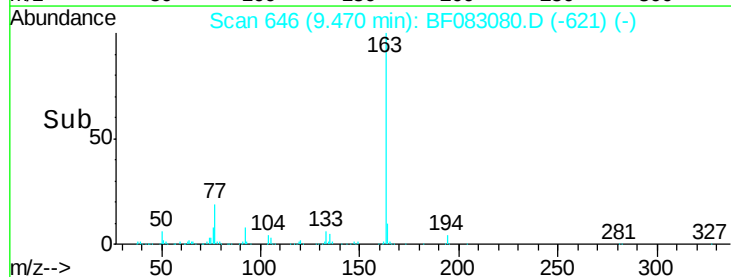
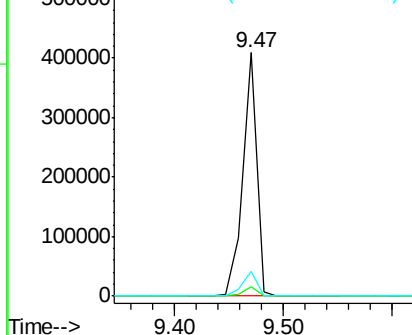


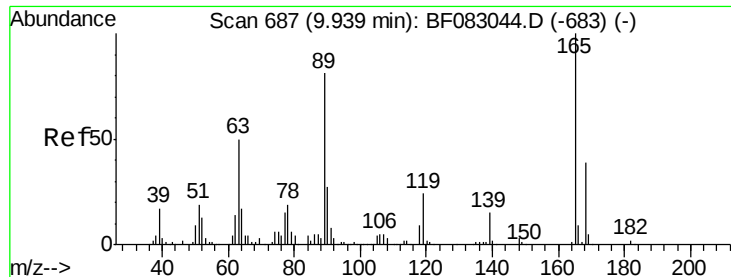
#49
Dimethylphthalate
Concen: 16.62 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083080.D
Acq: 20 Nov 2015 14:25

Tgt Ion:163 Resp: 354611
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.5 12.7



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

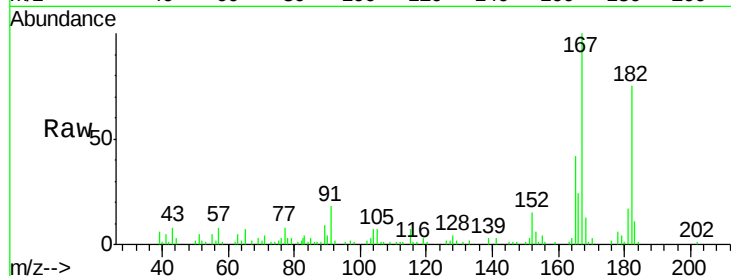




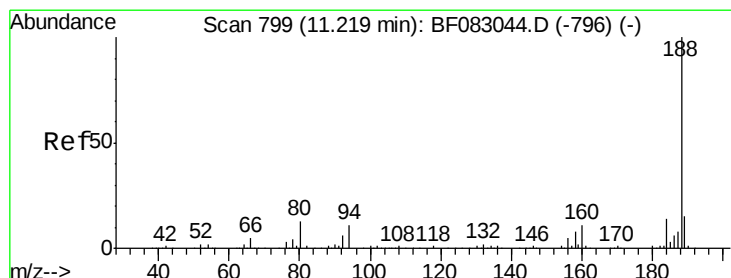
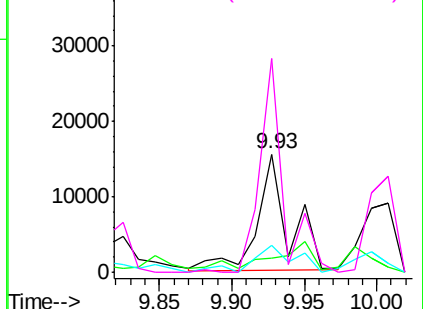
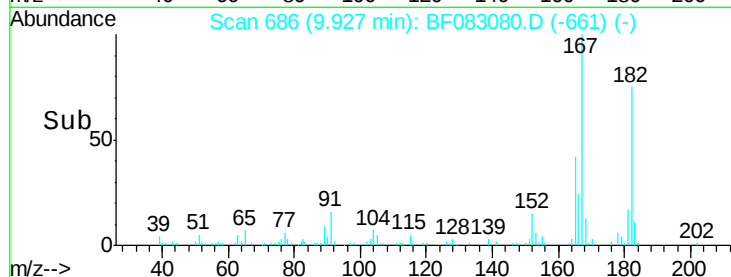
#56
 2,4-Dinitrotoluene
 Concen: 3.85 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23670
 Ion Ratio Lower Upper
 165 100
 63 12.1 40.6 61.0#
 89 22.3 64.4 96.6#
 182 180.7 1.6 2.4#

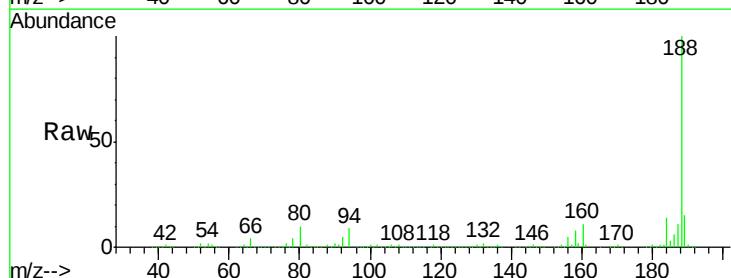


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

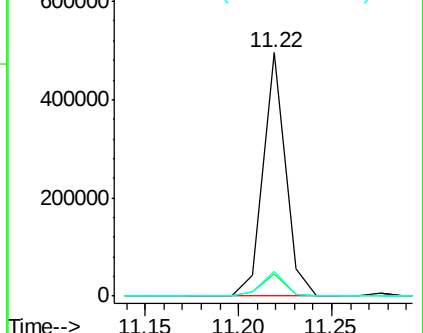
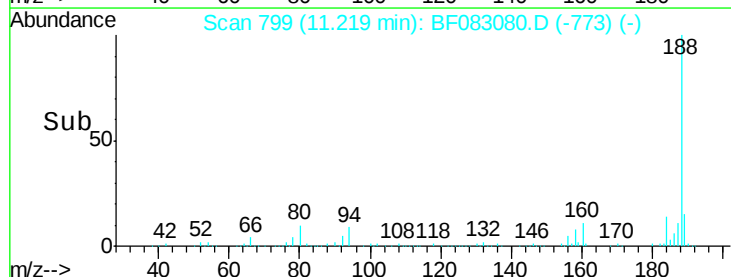


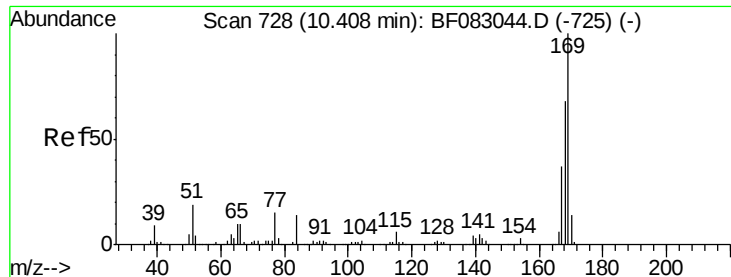
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

Tgt Ion:188 Resp: 409160
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.0 13.4
 80 10.1 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





#65

n-Nitrosodiphenylamine

Concen: 2.20 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

BNA_F

ClientSampleId :

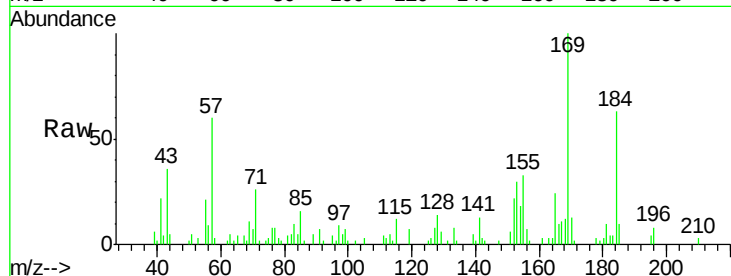
Tot Ion:169 Resp: 31604

Ion Ratio Lower Upper

169 100

168 11.9 54.2 81.2#

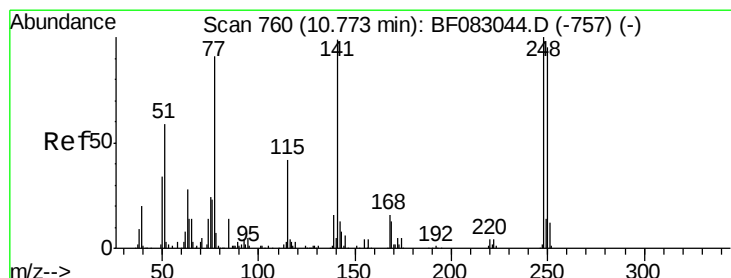
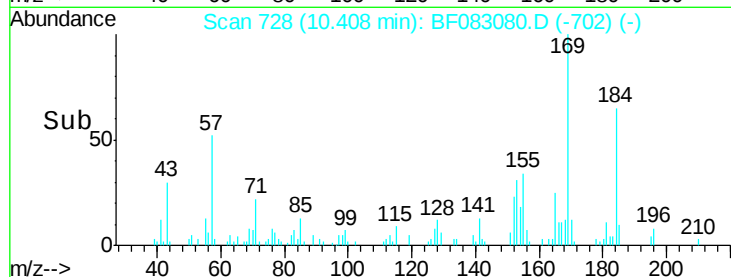
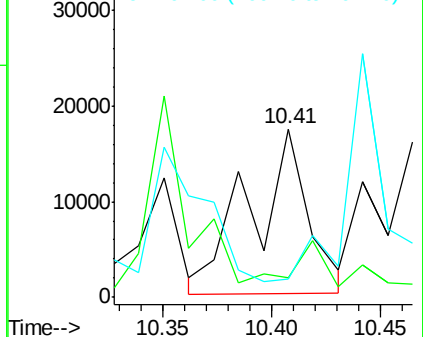
167 10.9 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.87 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

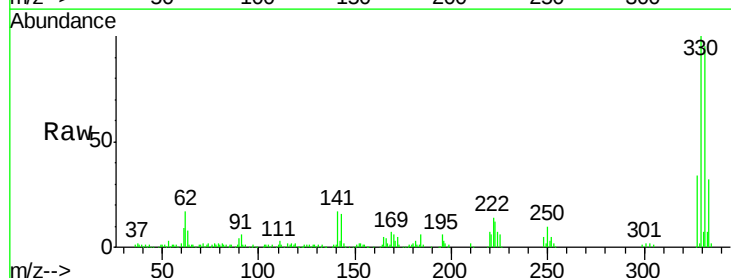
Tgt Ion:248 Resp: 13593

Ion Ratio Lower Upper

248 100

250 203.2 76.1 114.1#

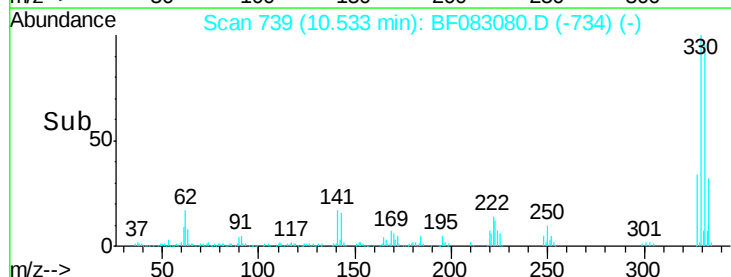
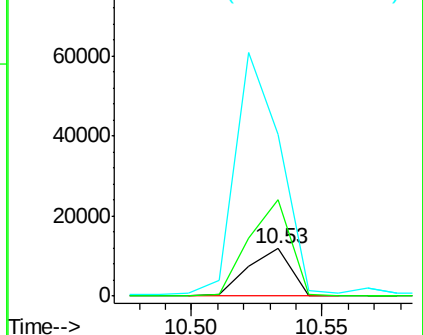
141 339.0 79.2 118.8#

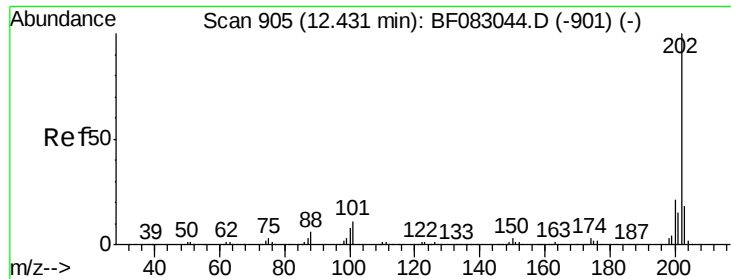


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

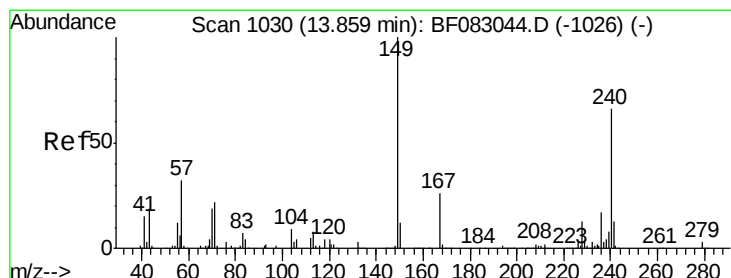
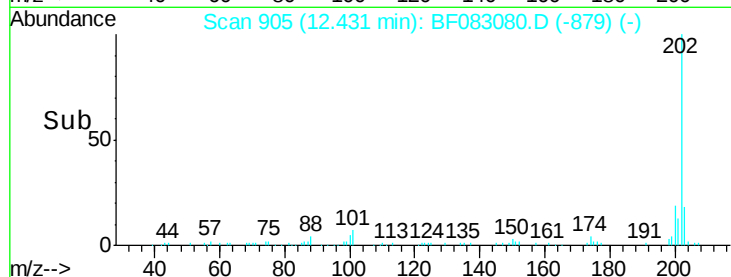
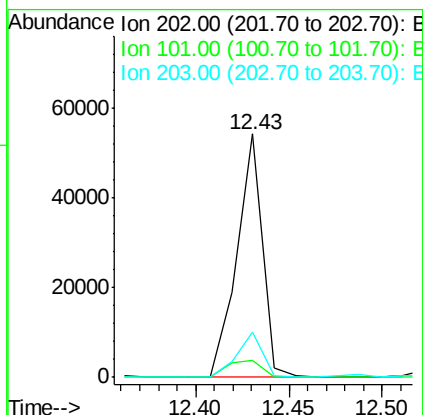
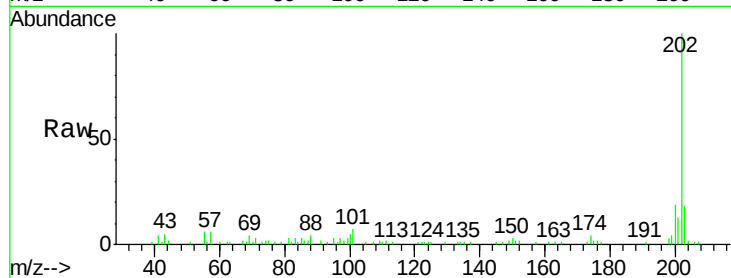




#74
 Fluoranthene
 Concen: 2.01 ng
 RT: 12.43 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

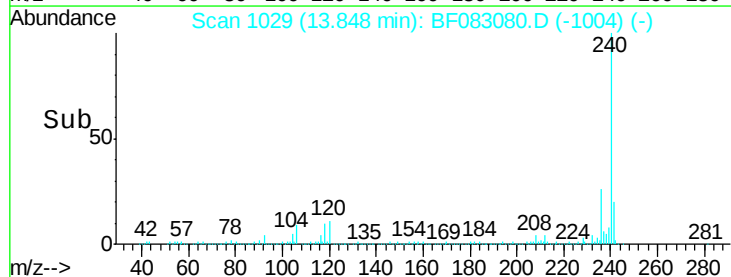
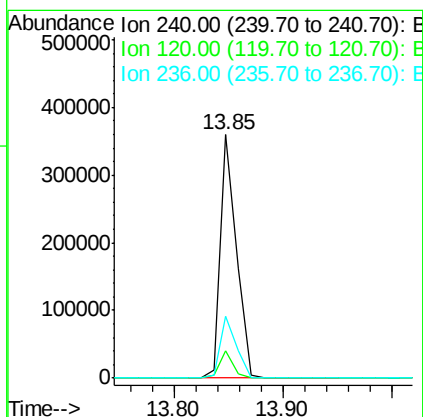
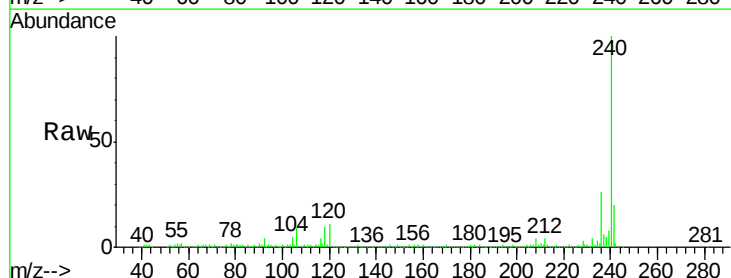
Instrument :
 BNA_F
 ClientSampleId :

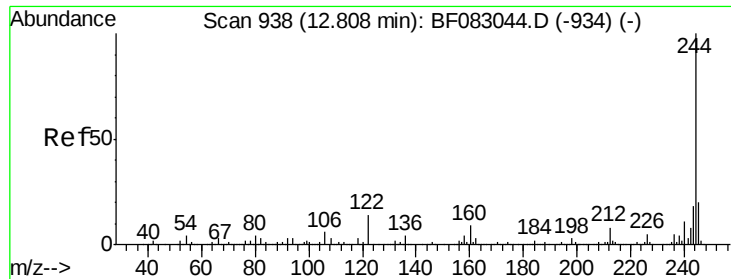
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	31.1
203	18.4	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.3	7.9#
236	25.6	20.4	30.6

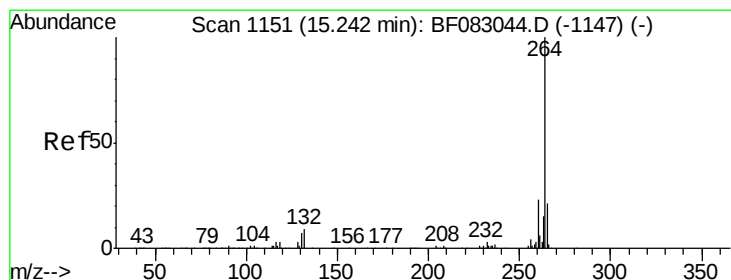
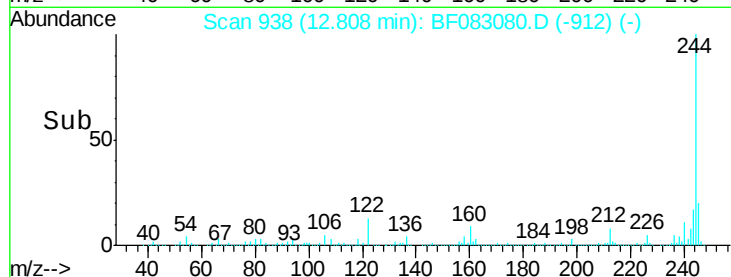
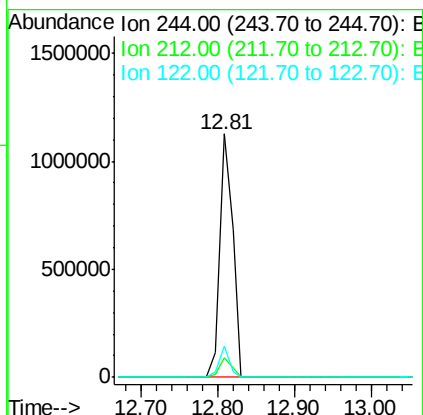
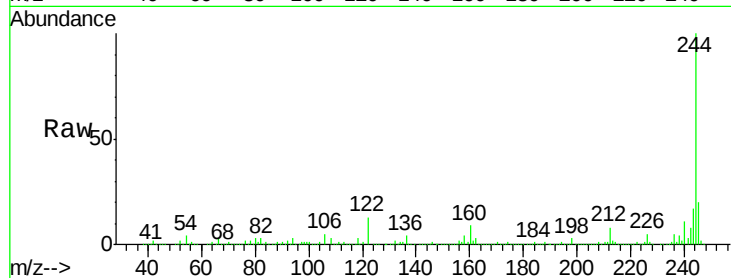




#78
 Terphenyl-d14
 Concen: 84.40 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

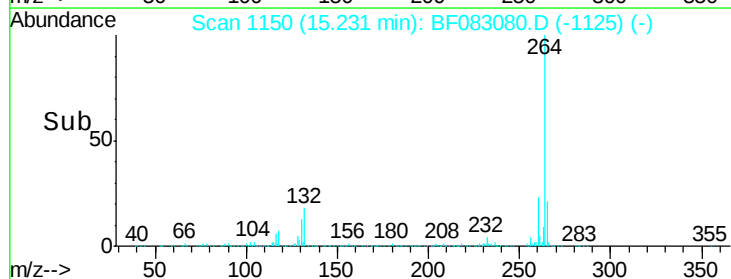
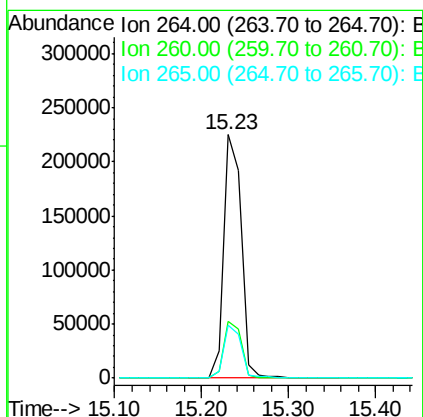
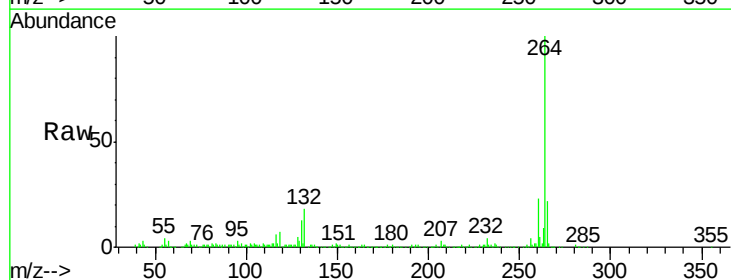
Instrument :
 BNA_F
 ClientSampleId :

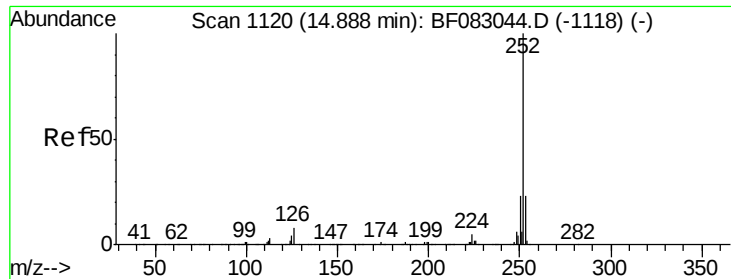
Tot Ion:244 Resp: 1329155
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 12.8 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083080.D
 Acq: 20 Nov 2015 14:25

Tgt Ion:264 Resp: 318020
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.6 17.0 25.6





#88

Benzo(k)fluoranthene

Concen: 2.26 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF083080.D

Acq: 20 Nov 2015 14:25

Instrument :

BNA_F

ClientSampleId :

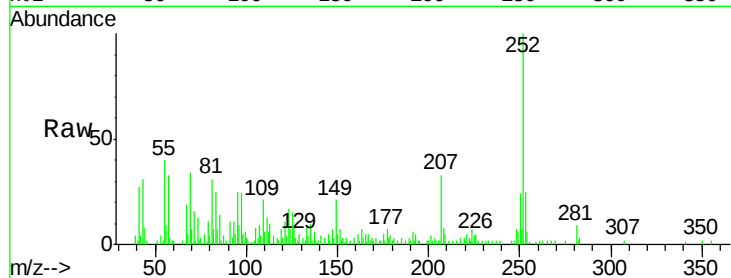
Tot Ion:252 Resp: 38251

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 14.6 3.8 5.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

