

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083944.D
 Acq On : 19 Dec 2015 6:06
 Operator : UM/SJ
 Sample : G4840-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: Dec 21 01:12:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69538	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	206440	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	129053	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	208481	20.00	ng	0.00
75) Chrysene-d12	14.02	240	156239	20.00	ng	-0.01
86) Perylene-d12	15.46	264	111245	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	231592	52.12	ng	0.00
7) Phenol-d6	6.51	99	215455	39.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	436991	120.81	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	148506	104.45	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	845875	93.51	ng	-0.01
78) Terphenyl-d14	12.97	244	661684	100.13	ng	-0.01

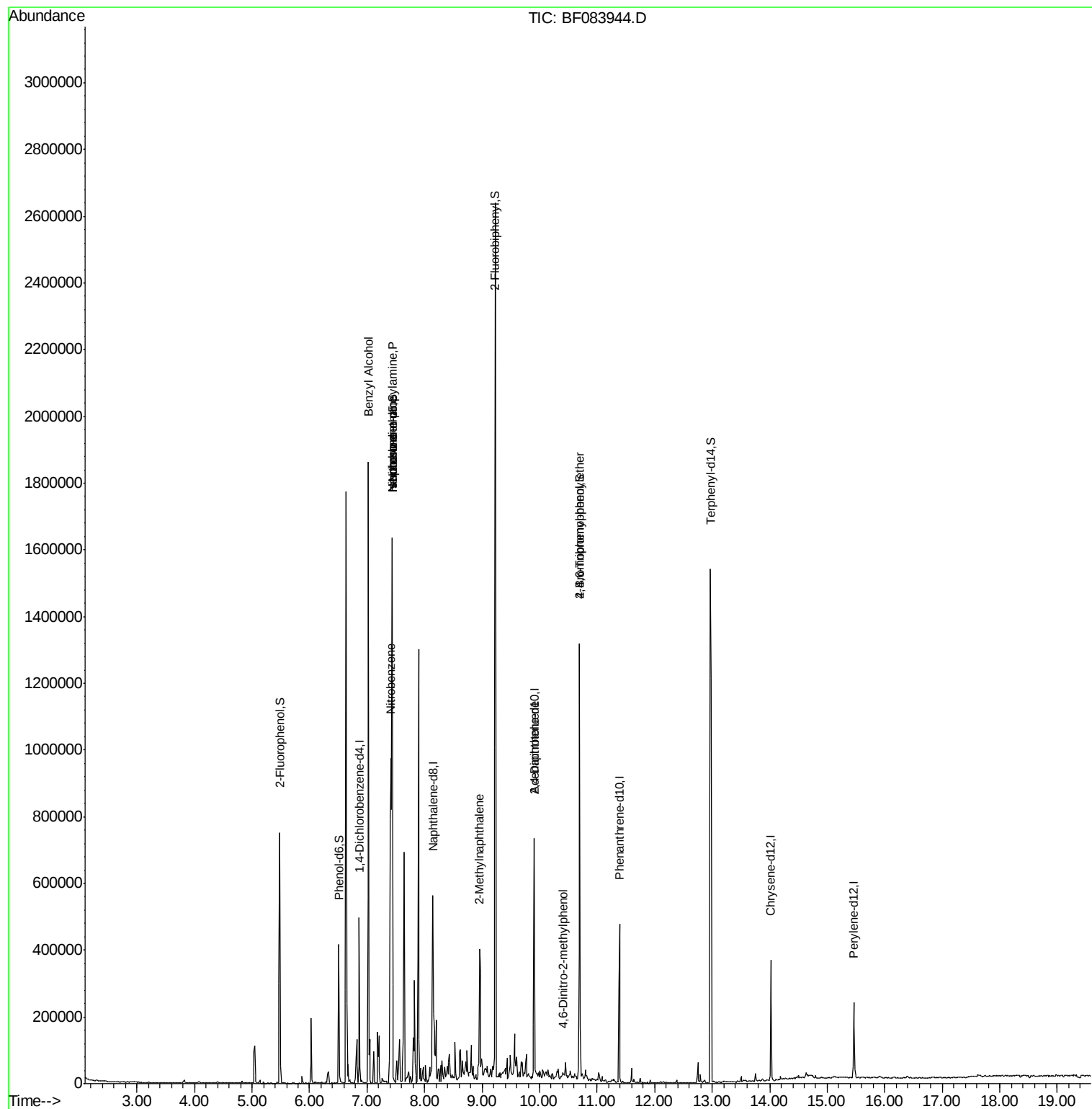
Target Compounds				Qvalue		
14) 1,2-Dichlorobenzene	7.04	146	722	Below Cal	#	75
15) Benzyl Alcohol	7.02	79	9390	2.28	ng	40
18) Hexachloroethane	7.44	117	356731	167.43	ng	4
19) n-Nitroso-di-n-propylamine	7.44	70	59244	18.68	ng	77
24) Nitrobenzene	7.41	77	47278	12.64	ng	23
25) Isophorone	7.44	82	405935	59.65	ng	66
31) Naphthalene	8.14	128	9905	Below Cal	#	1
36) 4-Chloro-3-methylphenol	8.70	107	2962	Below Cal	#	20
37) 2-Methylnaphthalene	8.96	142	127689	17.80	ng	93
45) 1,1'-Biphenyl	9.23	154	1861	Below Cal	#	1
46) 2-Chloronaphthalene	9.33	162	471	Below Cal	#	33
56) 2,4-Dinitrotoluene	9.90	165	17275	5.71	ng	25
57) Fluorene	10.45	166	15549	Below Cal		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	1064	4.69	ng	97
66) 4-Bromophenyl-phenylether	10.69	248	11105	4.36	ng	1
77) Pyrene	12.97	202	2390	Below Cal	#	68

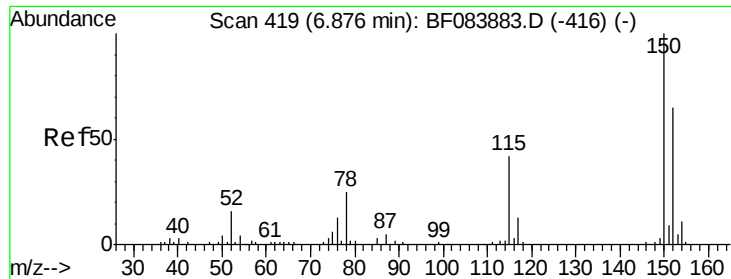
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-16

Quant Time: Dec 21 01:12:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 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: BF083944.D

Acq: 19 Dec 2015 6:06

Instrument :

BNA_F

ClientSampleId :

W-16

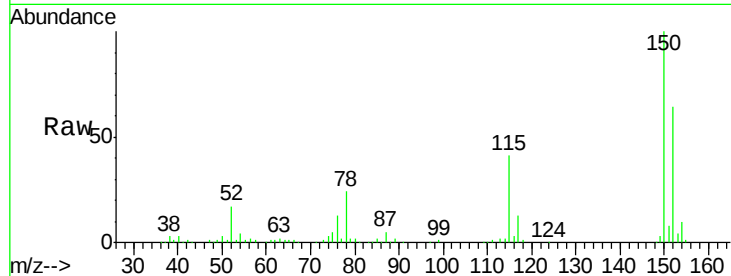
Tgt Ion:152 Resp: 69538

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

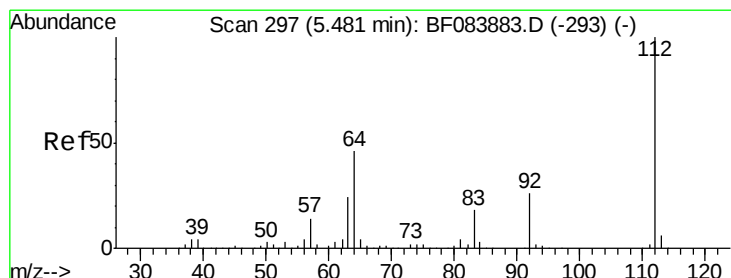
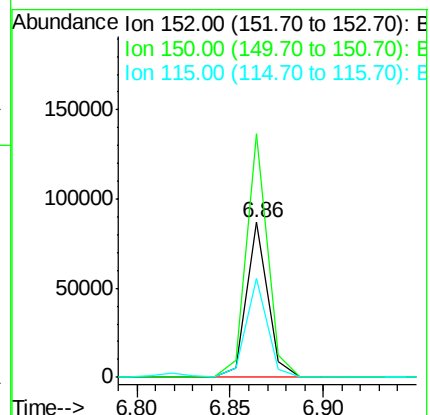
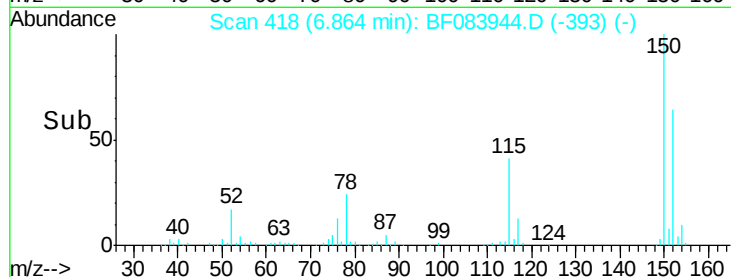
115 63.7 51.4 77.2



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: 52.12 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

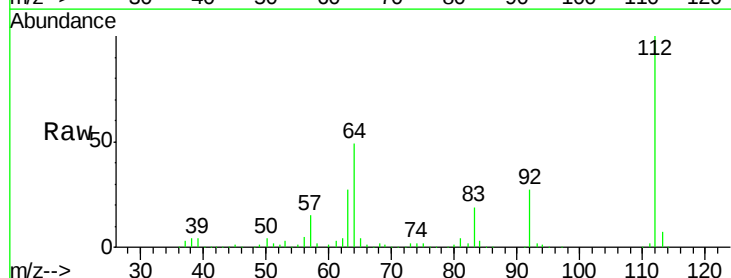
Tgt Ion:112 Resp: 231592

Ion Ratio Lower Upper

112 100

64 49.5 36.6 55.0

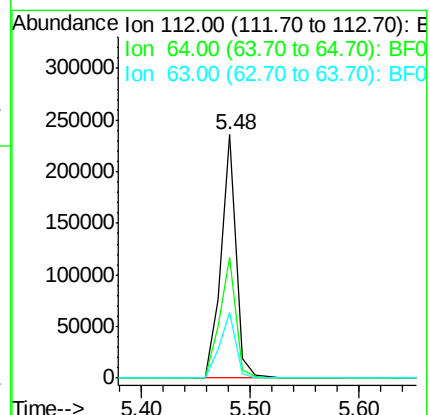
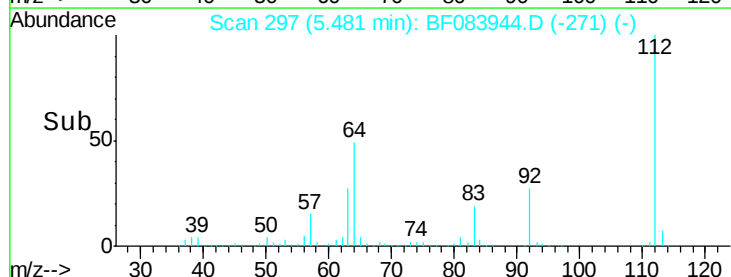
63 27.0 19.4 29.0

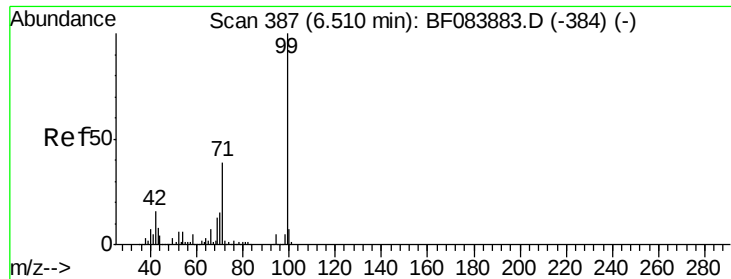


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.61 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

Instrument :

BNA_F

ClientSampleId :

W-16

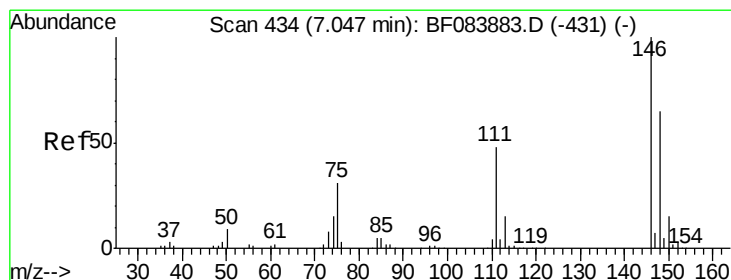
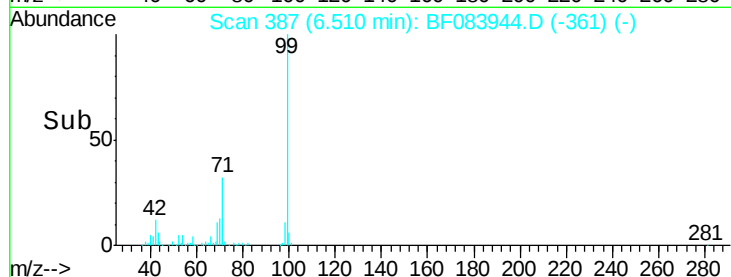
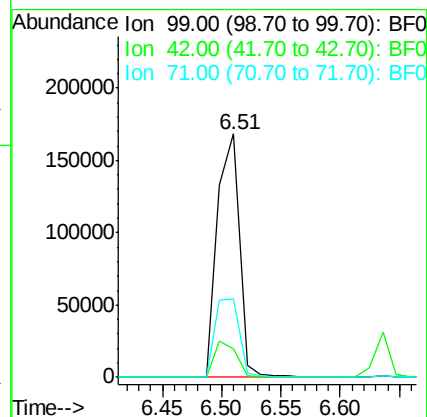
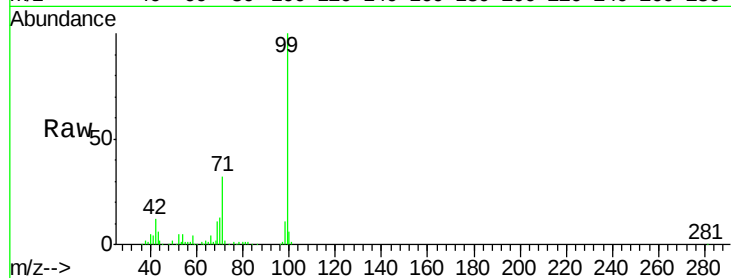
Tgt Ion: 99 Resp: 215455

Ion Ratio Lower Upper

99 100

42 11.9 12.8 19.2#

71 32.3 30.9 46.3



#14

1,2-Dichlorobenzene

Concen: Below Cal

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

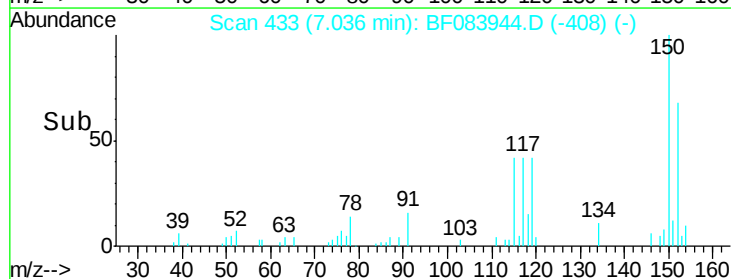
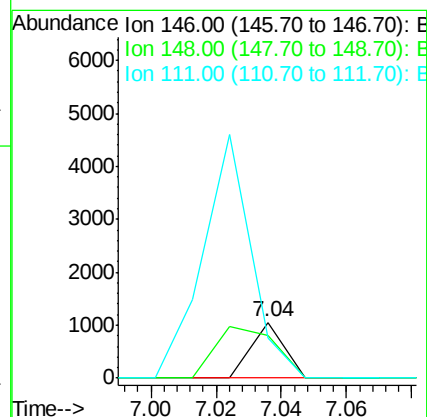
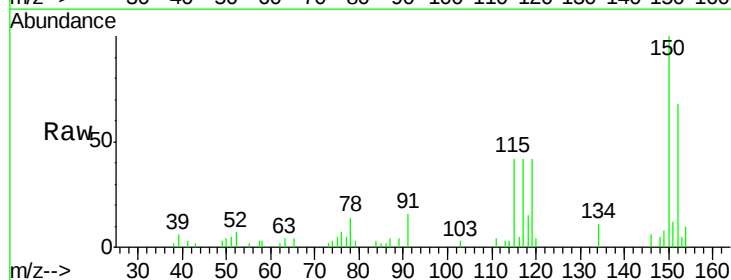
Tgt Ion: 146 Resp: 722

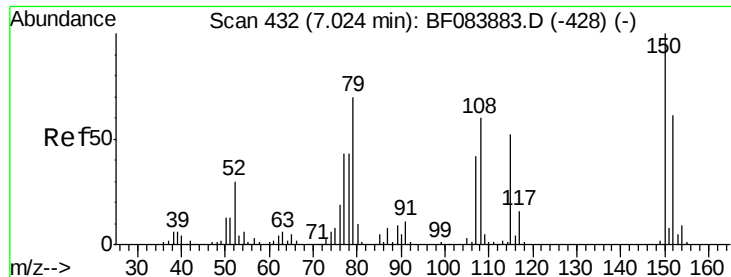
Ion Ratio Lower Upper

146 100

148 77.6 51.6 77.4#

111 71.5 38.0 57.0#

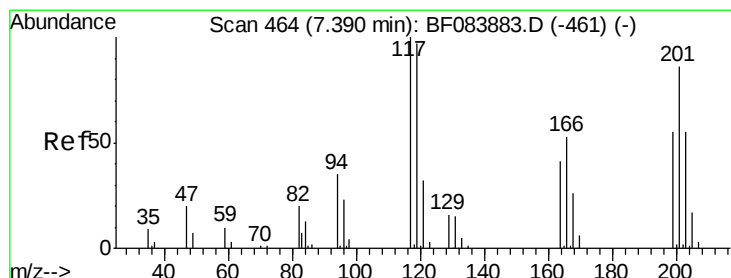
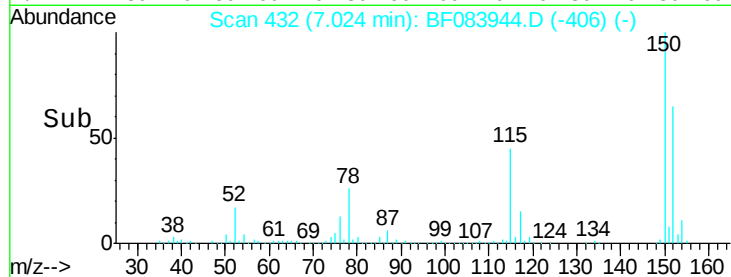
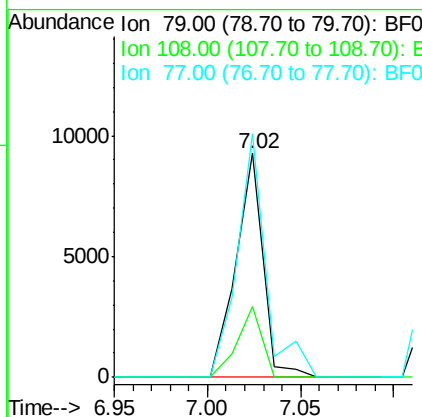
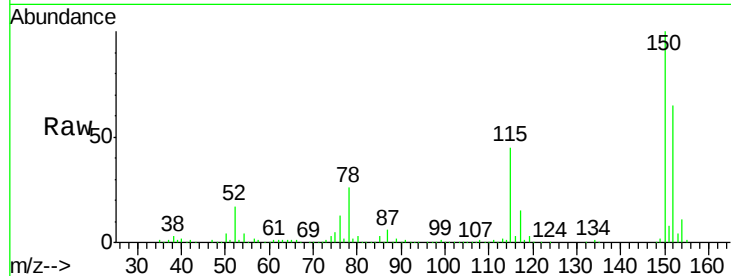




#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083944.D
Acq: 19 Dec 2015 6:06

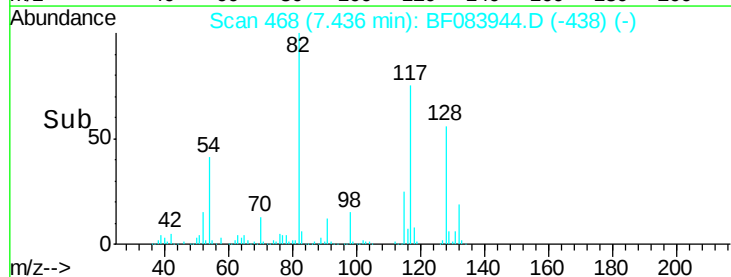
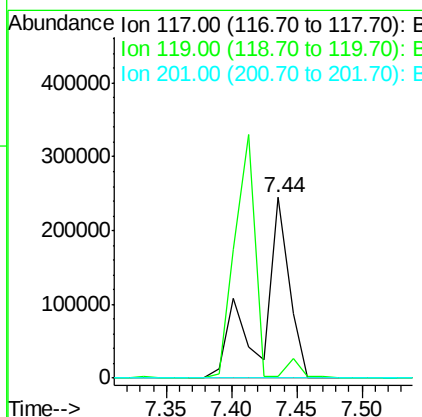
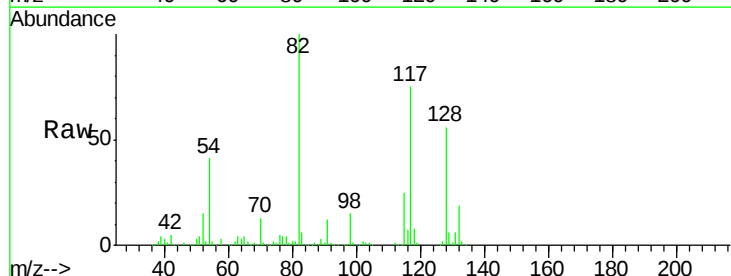
Instrument :
BNA_F
ClientSampleId :
W-16

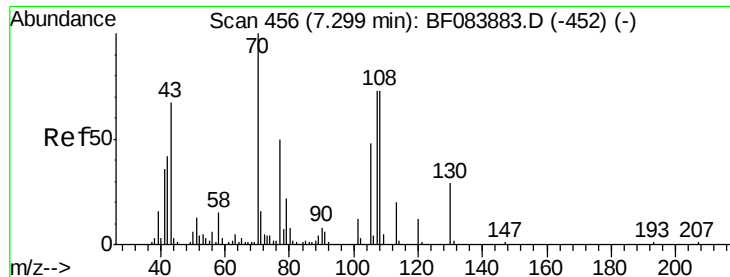
Tgt Ion: 79 Resp: 9390
Ion Ratio Lower Upper
79 100
108 31.4 69.0 103.4#
77 108.8 50.0 75.0#



#18
Hexachloroethane
Concen: 167.43 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.05 min
Lab File: BF083944.D
Acq: 19 Dec 2015 6:06

Tgt Ion: 117 Resp: 356731
Ion Ratio Lower Upper
117 100
119 1.2 77.4 116.0#
201 0.0 68.6 103.0#

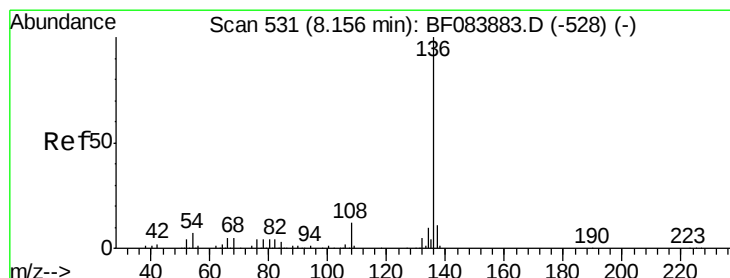
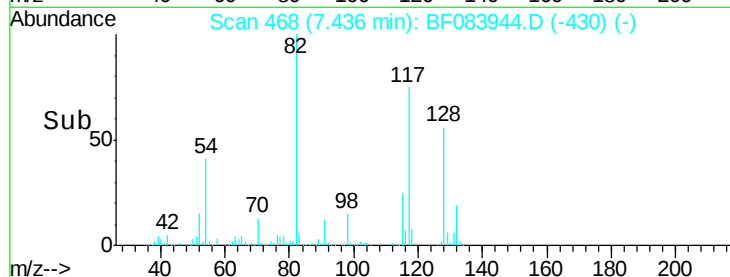
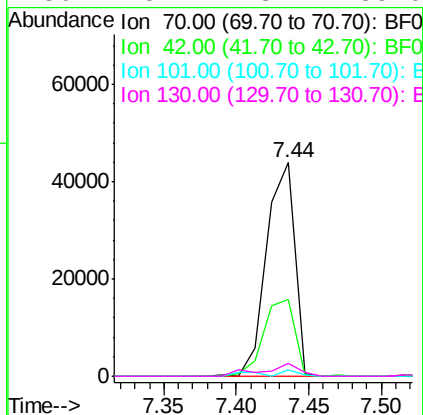
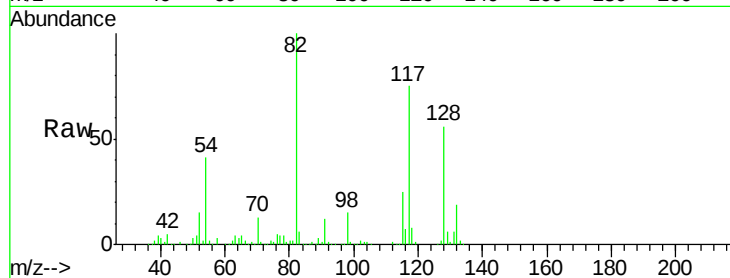




#19
n-Nitroso-di-n-propylamine
Concen: 18.68 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF083944.D
Acq: 19 Dec 2015 6:06

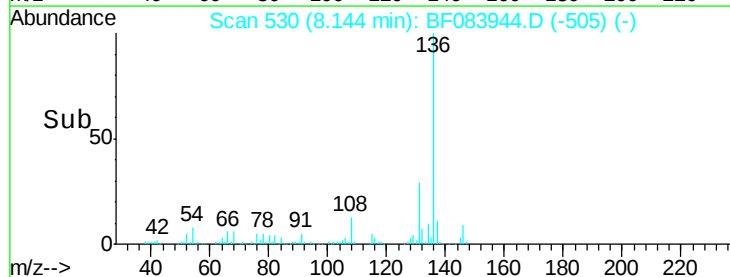
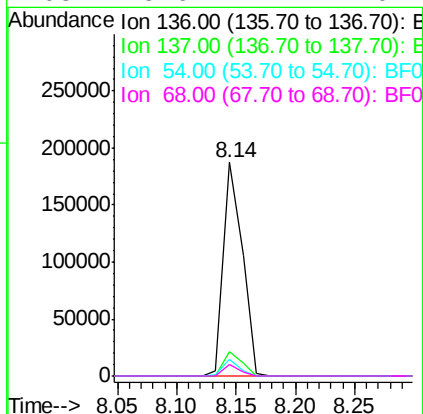
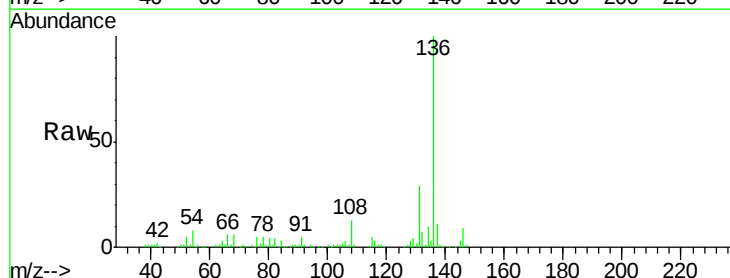
Instrument :
BNA_F
ClientSampleId :
W-16

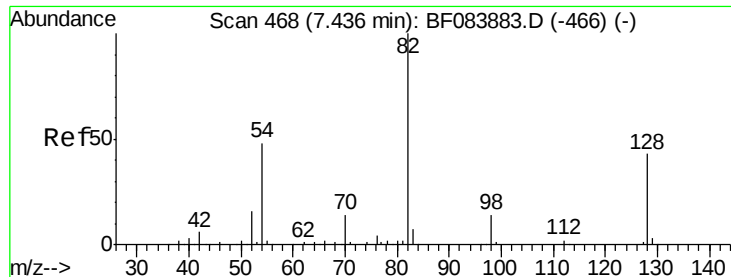
Tgt Ion: 70 Resp: 59244
Ion Ratio Lower Upper
70 100
42 36.1 33.3 49.9
101 2.7 9.3 13.9#
130 6.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083944.D
Acq: 19 Dec 2015 6:06

Tgt Ion: 136 Resp: 206440
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 7.9 5.8 8.8
68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 120.81 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

Instrument :

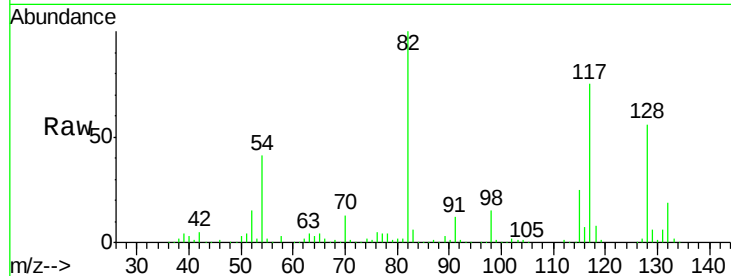
BNA_F

ClientSampleId :

W-16

Tgt Ion: 82 Resp: 436991

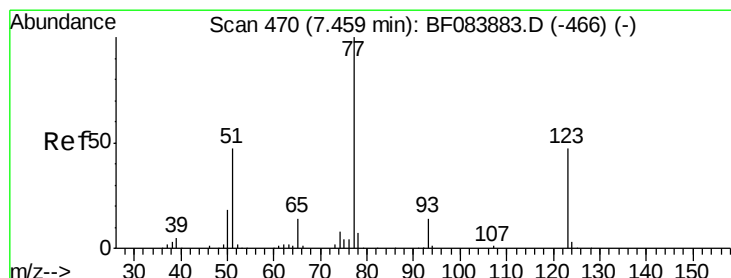
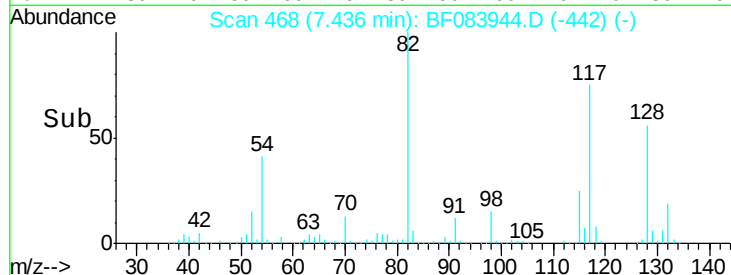
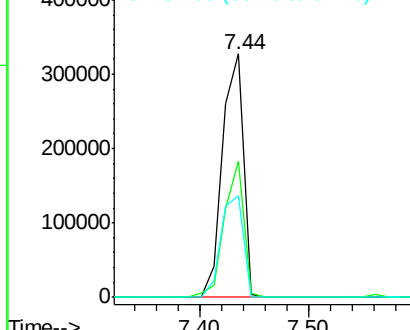
Ion	Ratio	Lower	Upper
82	100		
128	55.9	34.6	51.8#
54	41.5	38.4	57.6



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



#24

Nitrobenzene

Concen: 12.64 ng

RT: 7.41 min Scan# 466

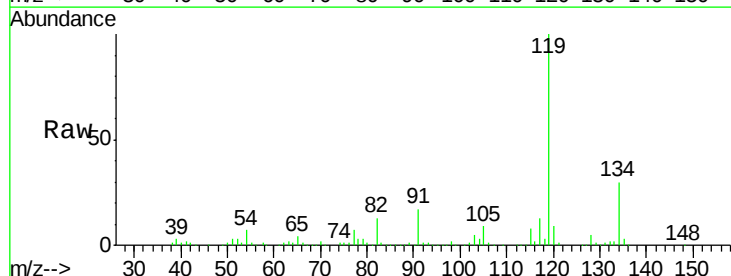
Delta R.T. -0.05 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

Tgt Ion: 77 Resp: 47278

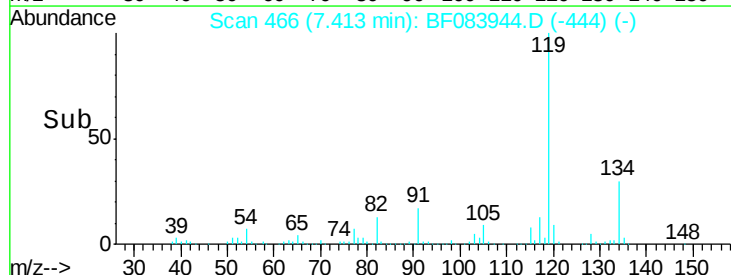
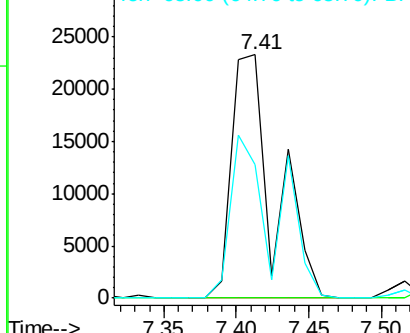
Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	54.8	10.9	16.3#

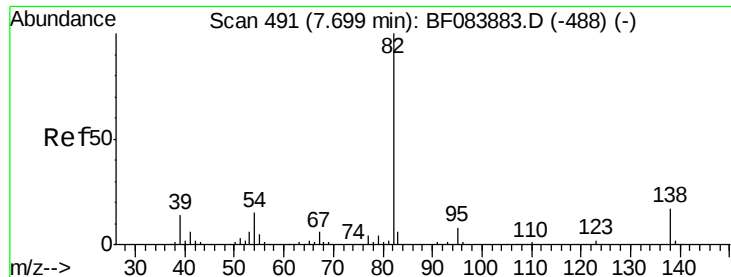


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 59.65 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.26 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

Instrument :

BNA_F

ClientSampleId :

W-16

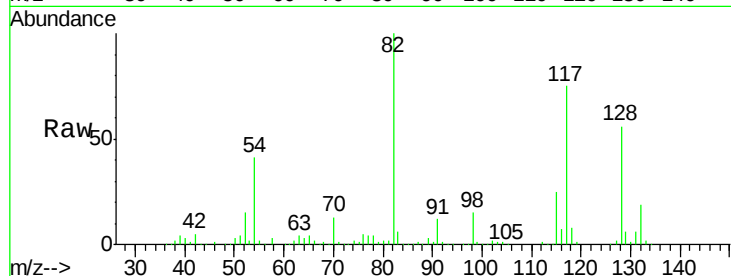
Tgt Ion: 82 Resp: 405935

Ion Ratio Lower Upper

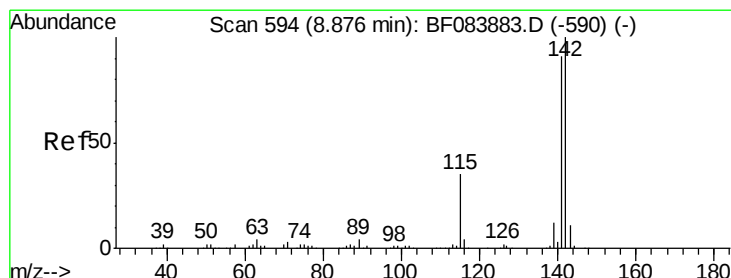
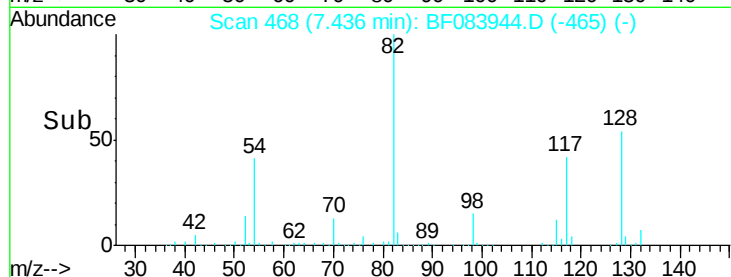
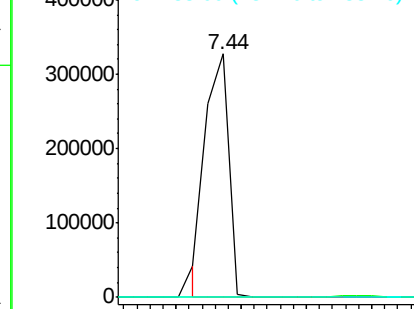
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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): E



#37

2-Methylnaphthalene

Concen: 17.80 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.08 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

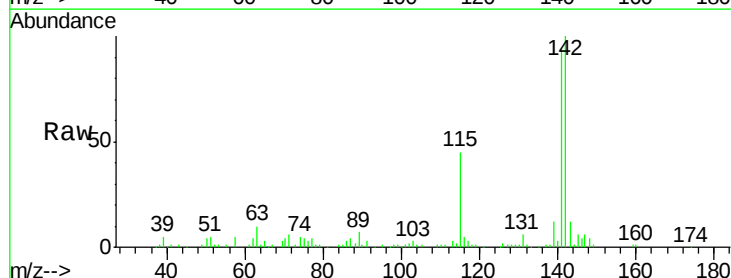
Tgt Ion: 142 Resp: 127689

Ion Ratio Lower Upper

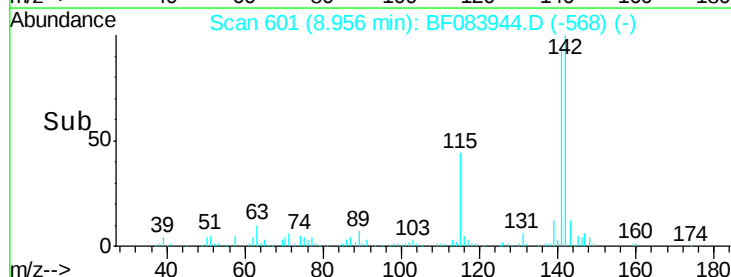
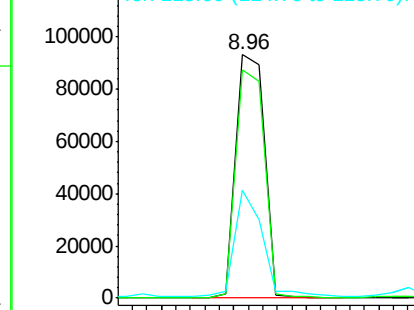
142 100

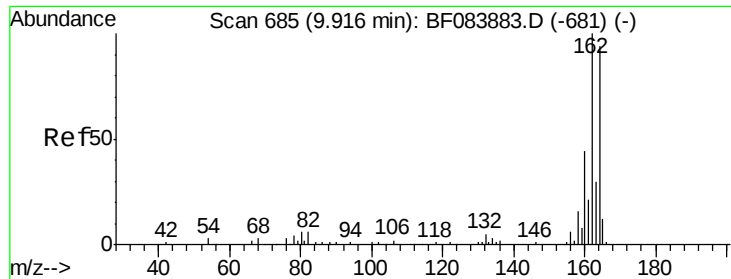
141 94.0 72.4 108.6

115 44.5 27.9 41.9#



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

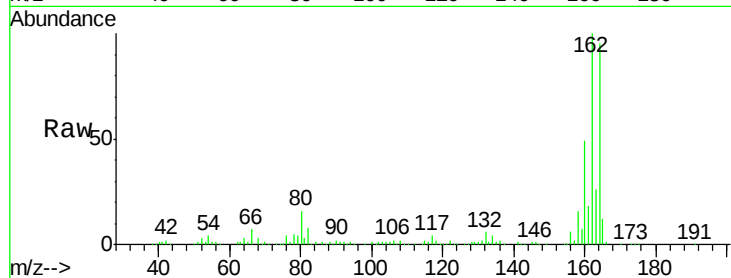




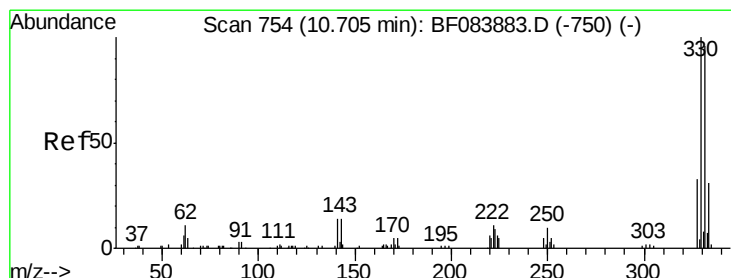
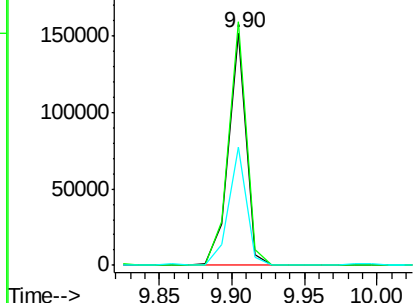
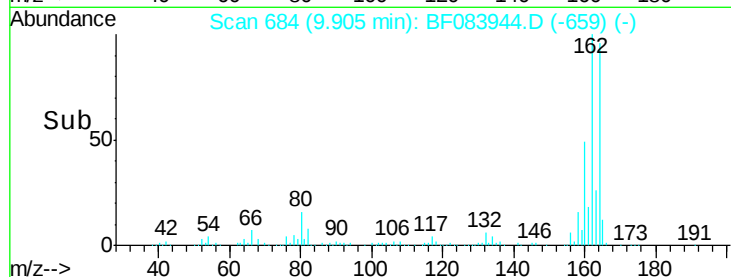
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083944.D
 Acq: 19 Dec 2015 6:06

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tgt Ion:164 Resp: 129053
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 51.2 37.5 56.3

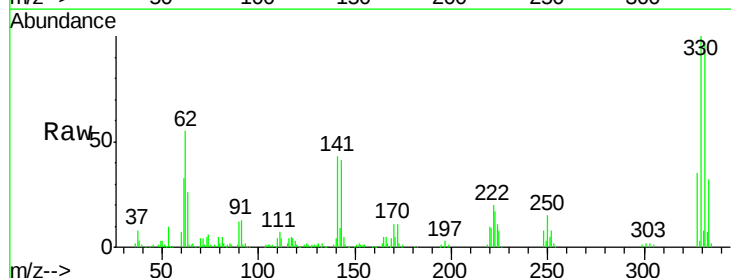


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

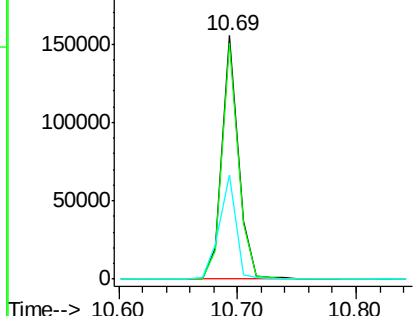
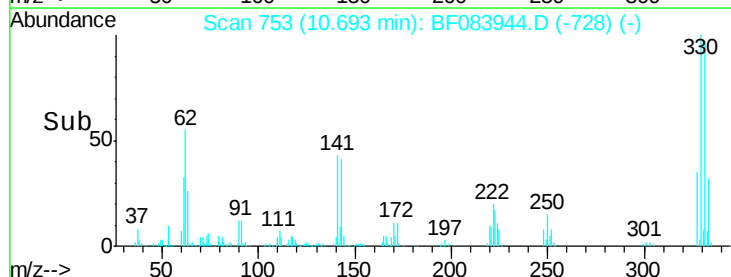


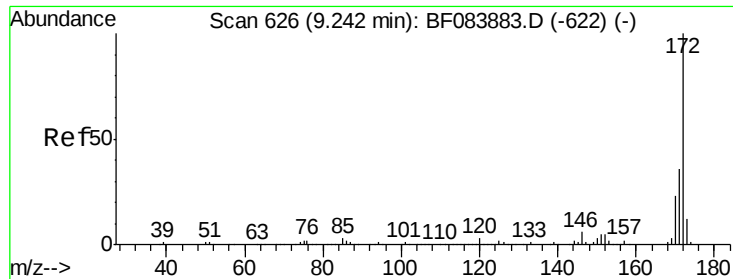
#41
 2,4,6-Tribromophenol
 Concen: 104.45 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083944.D
 Acq: 19 Dec 2015 6:06

Tgt Ion:330 Resp: 148506
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 43.6 27.8 41.6#



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

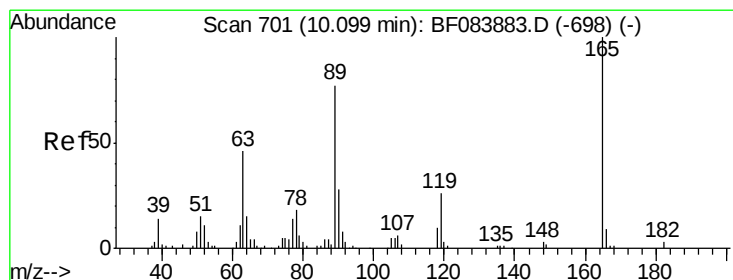
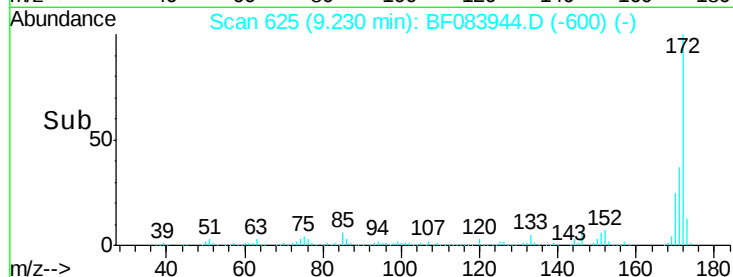
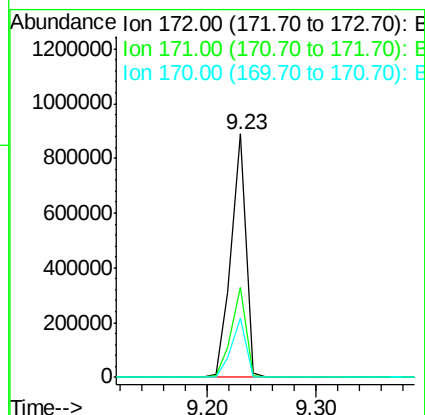
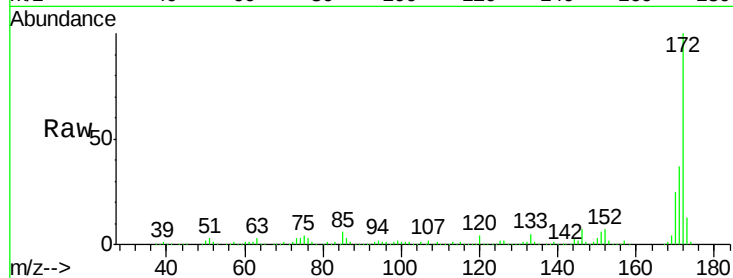




#44
 2-Fluorobiphenyl
 Concen: 93.51 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083944.D
 Acq: 19 Dec 2015 6:06

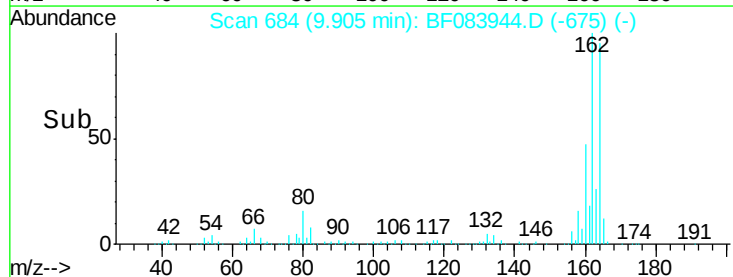
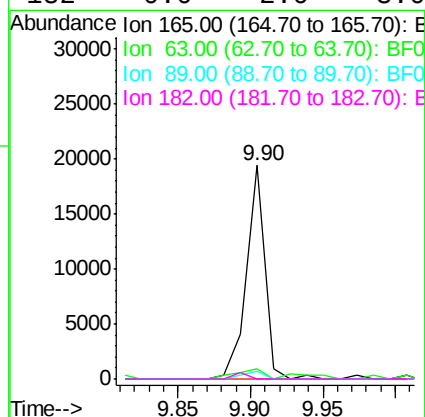
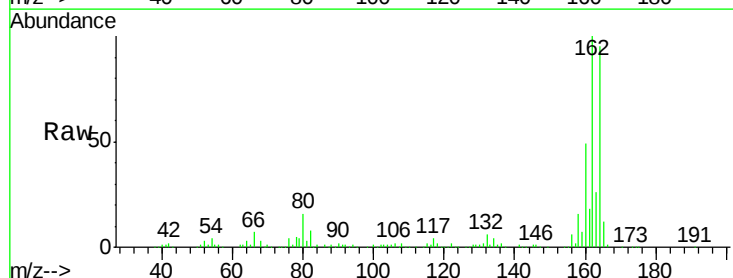
Instrument :
 BNA_F
 ClientSampleId :
 W-16

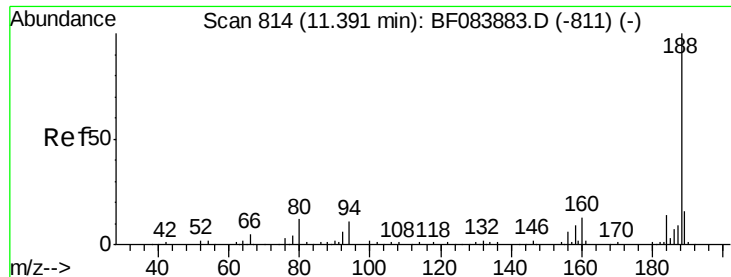
Tgt Ion:172 Resp: 845875
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 24.5 18.6 27.8



#56
 2,4-Dinitrotoluene
 Concen: 5.71 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.19 min
 Lab File: BF083944.D
 Acq: 19 Dec 2015 6:06

Tgt Ion:165 Resp: 17275
 Ion Ratio Lower Upper
 165 100
 63 4.7 36.7 55.1#
 89 3.5 61.9 92.9#
 182 0.0 2.0 3.0#

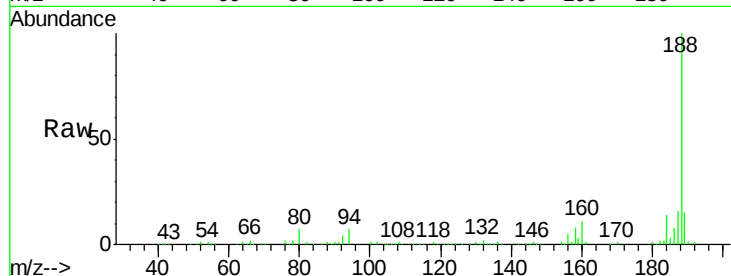




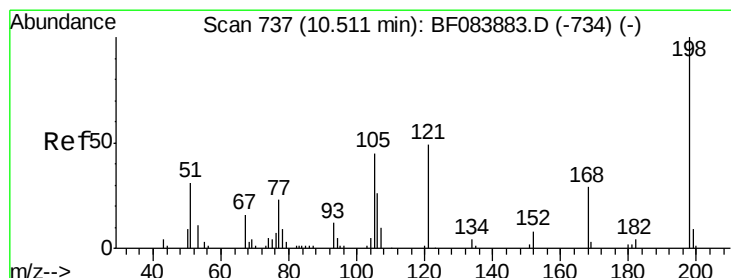
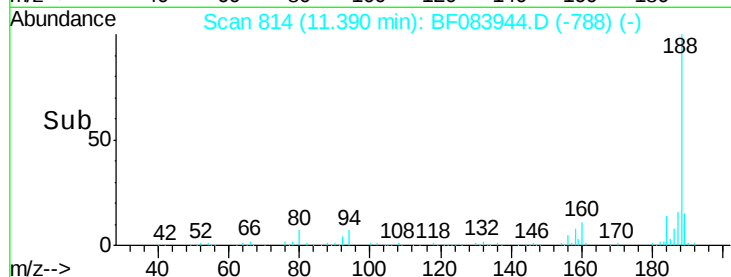
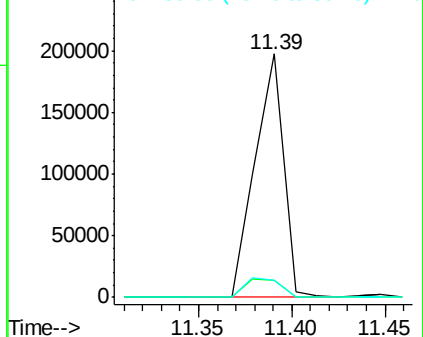
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083944.D
Acq: 19 Dec 2015 6:06

Instrument :
BNA_F
ClientSampled :
W-16

Tgt Ion:188 Resp: 208481
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 6.9 9.6 14.4#

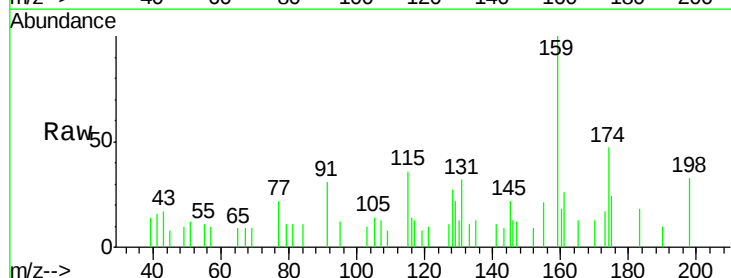


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

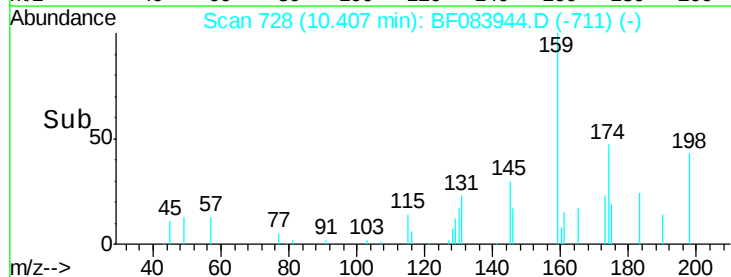
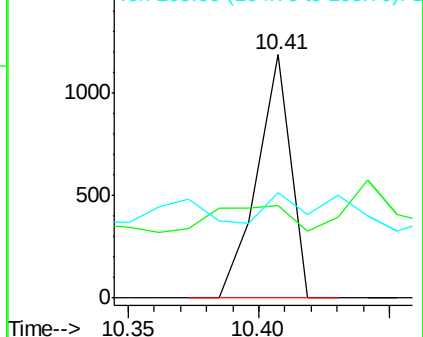


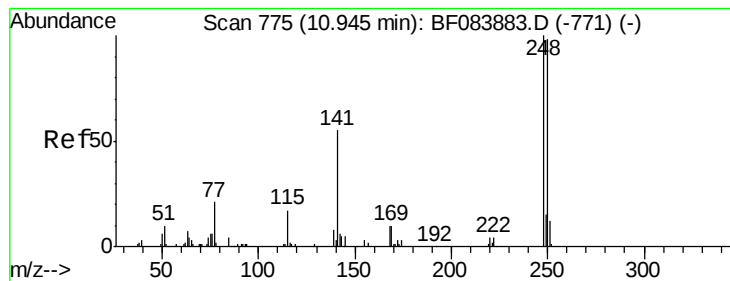
#64
4,6-Dinitro-2-methylphenol
Concen: 4.69 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.10 min
Lab File: BF083944.D
Acq: 19 Dec 2015 6:06

Tgt Ion:198 Resp: 1064
Ion Ratio Lower Upper
198 100
51 38.1 18.9 58.9
105 43.0 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.36 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.25 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

Instrument :

BNA_F

ClientSampled :

W-16

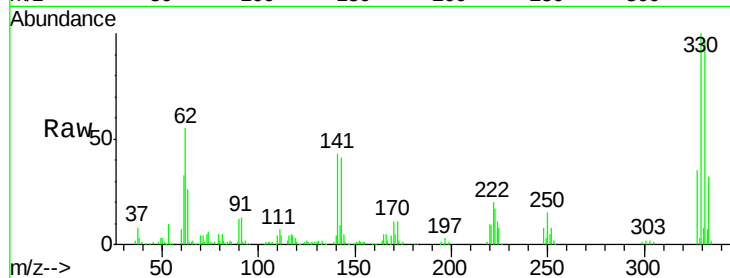
Tgt Ion:248 Resp: 11105

Ion Ratio Lower Upper

248 100

250 189.9 78.4 117.6#

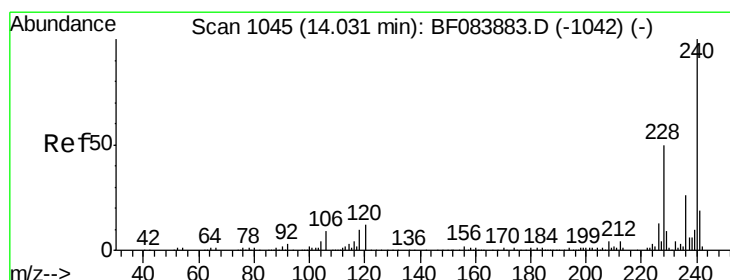
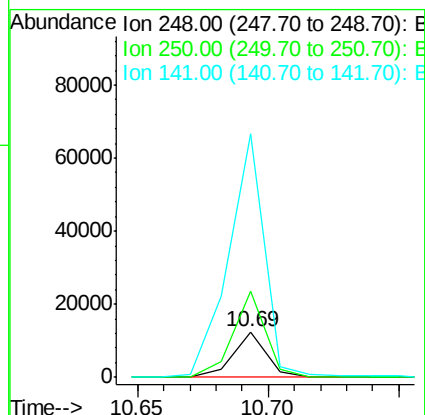
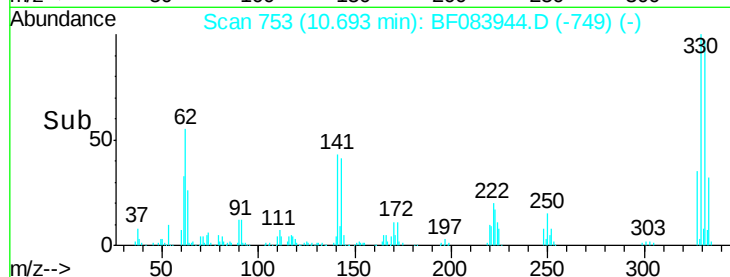
141 533.1 44.0 66.0#



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. -0.01 min

Lab File: BF083944.D

Acq: 19 Dec 2015 6:06

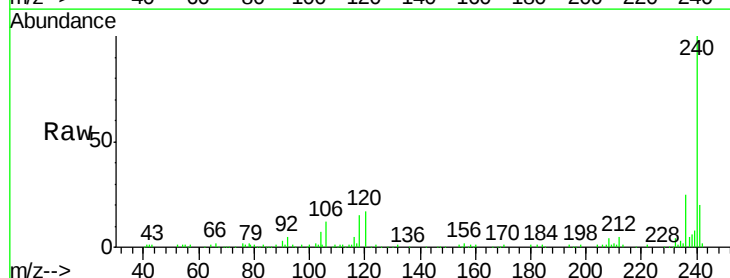
Tgt Ion:240 Resp: 156239

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

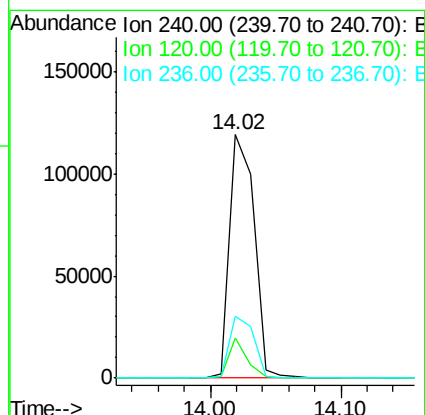
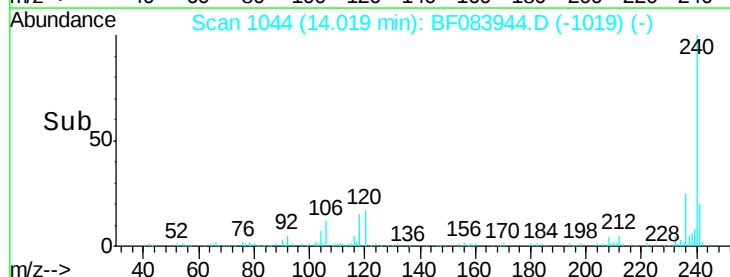
236 25.3 20.6 31.0

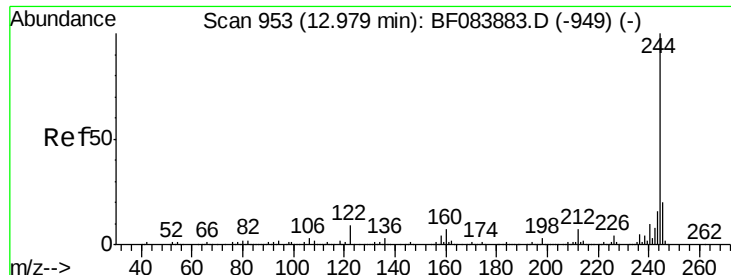


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

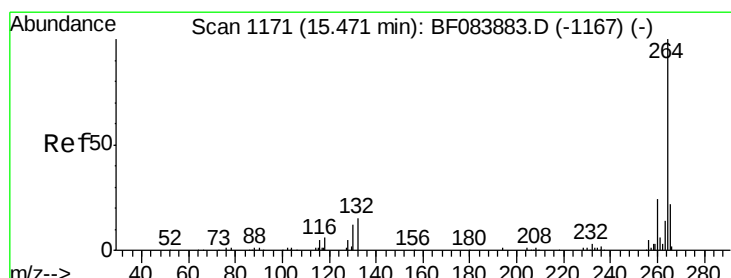
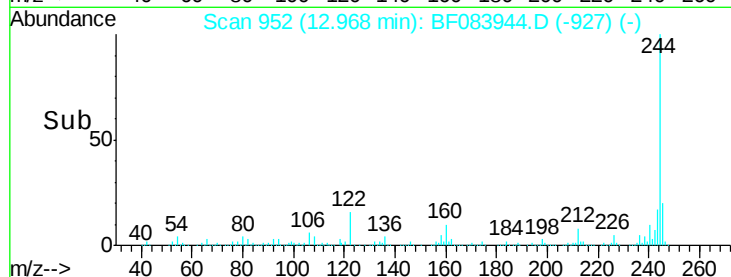
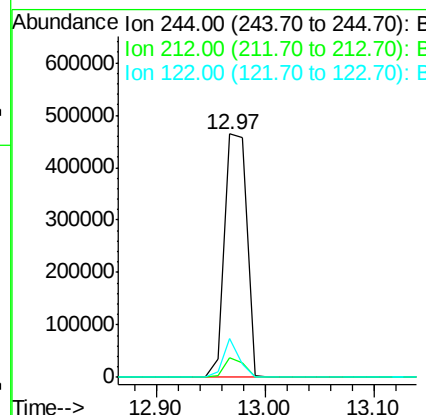
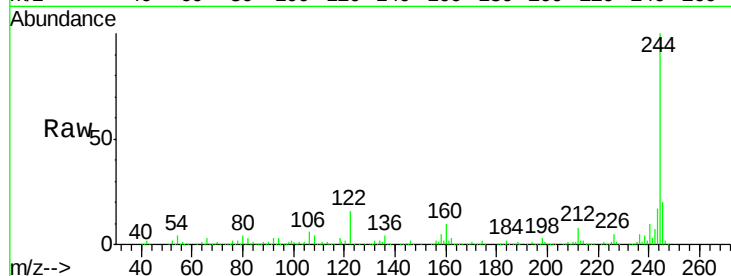




#78
 Terphenyl-d14
 Concen: 100.13 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF083944.D
 Acq: 19 Dec 2015 6:06

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tgt Ion:244 Resp: 661684
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 15.9 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF083944.D
 Acq: 19 Dec 2015 6:06

Tgt Ion:264 Resp: 111245
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.5 17.8 26.6

