

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084048.D
 Acq On : 23 Dec 2015 22:07
 Operator : UM/SJ
 Sample : PB87486TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

Quant Time: Dec 24 00:38:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

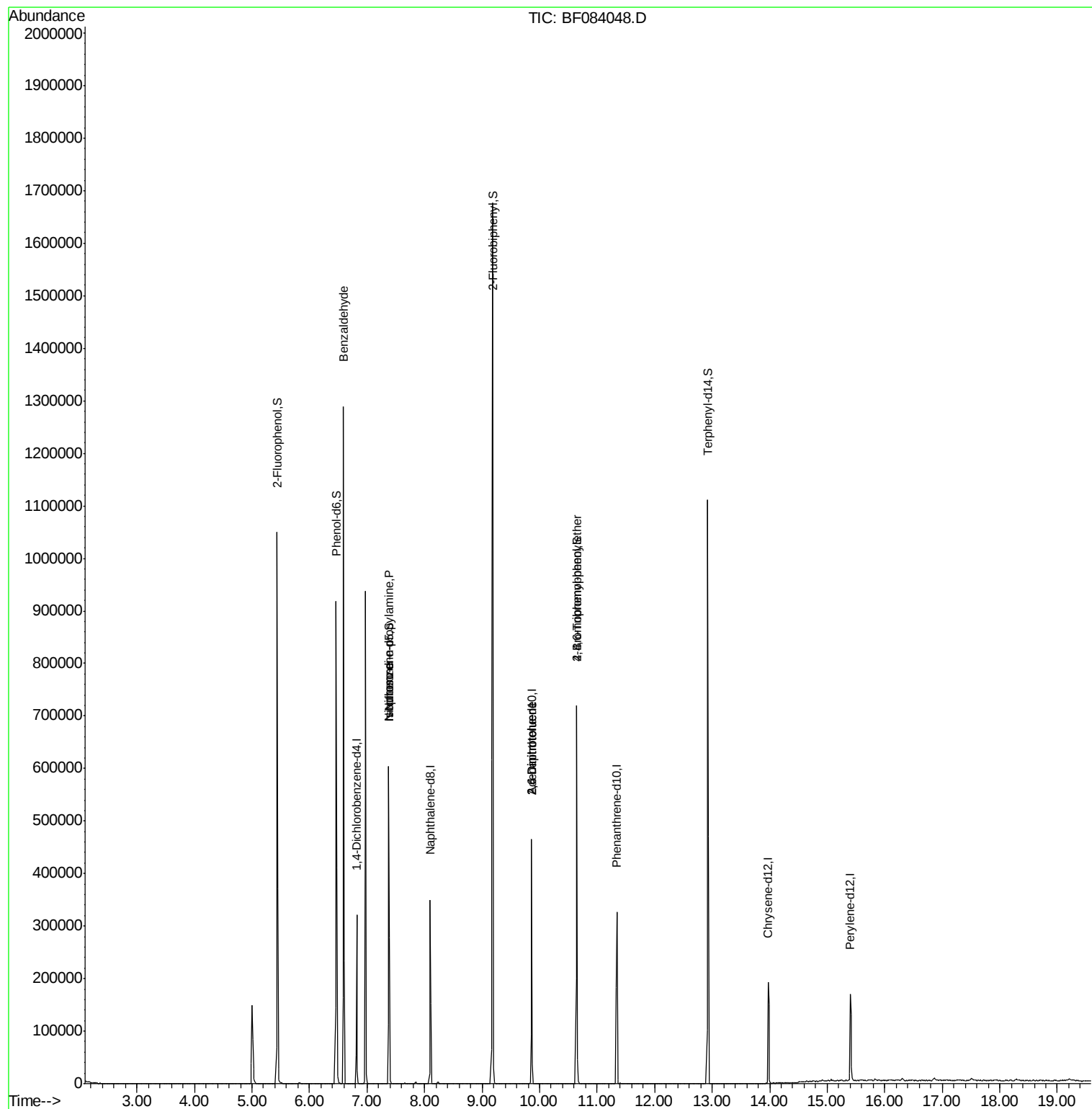
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47762	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	187287	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	90219	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	145514	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	91235	20.00	ng	-0.02
86) Perylene-d12	15.40	264	87135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	316183	112.87	ng	0.00
7) Phenol-d6	6.46	99	389167	118.16	ng	-0.01
23) Nitrobenzene-d5	7.38	82	237806	78.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	84534	97.41	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	560559	83.62	ng	-0.01
78) Terphenyl-d14	12.92	244	382405	99.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	7951	3.61	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.38	70	31954	16.01	ng	# 76
25) Isophorone	7.38	82	211692	36.65	ng	# 66
50) 2,6-Dinitrotoluene	9.86	165	11335	7.61	ng	# 35
56) 2,4-Dinitrotoluene	9.86	165	11335	6.05	ng	# 20
66) 4-Bromophenyl-phenylether	10.65	248	5973	3.58	ng	# 1

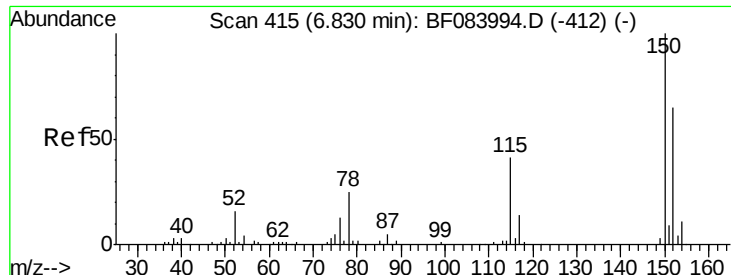
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084048.D
Acq On : 23 Dec 2015 22:07
Operator : UM/SJ
Sample : PB87486TB
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87486TB

Quant Time: Dec 24 00:38:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB87486TB

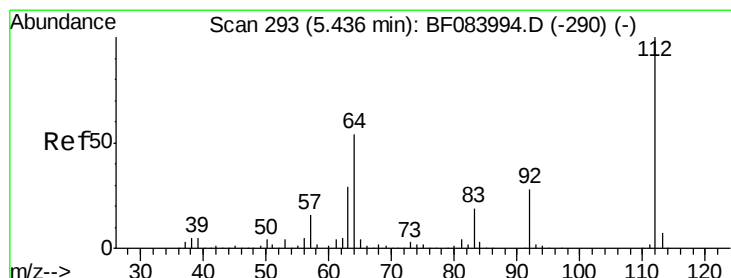
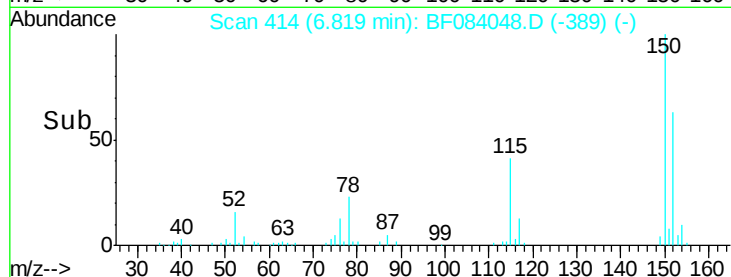
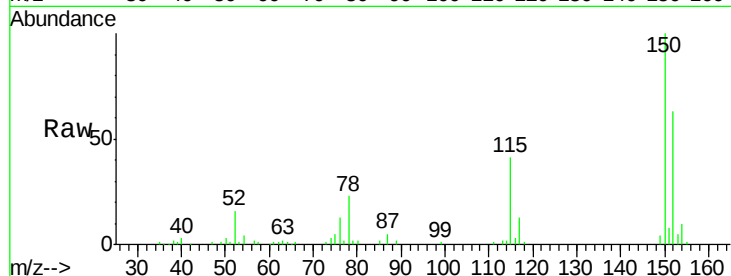
Tgt Ion:152 Resp: 47762

Ion Ratio Lower Upper

152 100

150 159.5 123.0 184.4

115 65.0 51.4 77.2



#5

2-Fluorophenol

Concen: 112.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

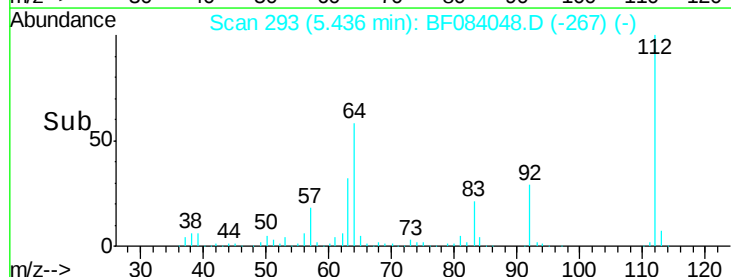
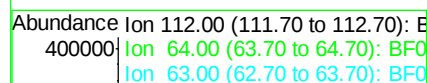
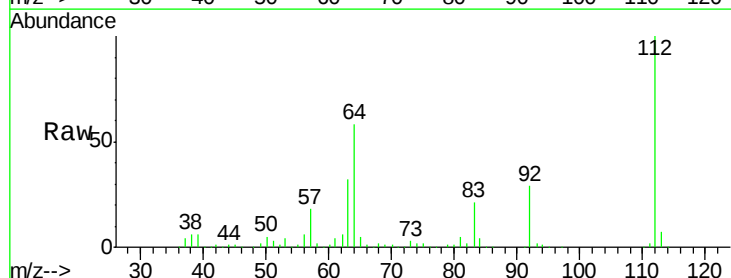
Tgt Ion:112 Resp: 316183

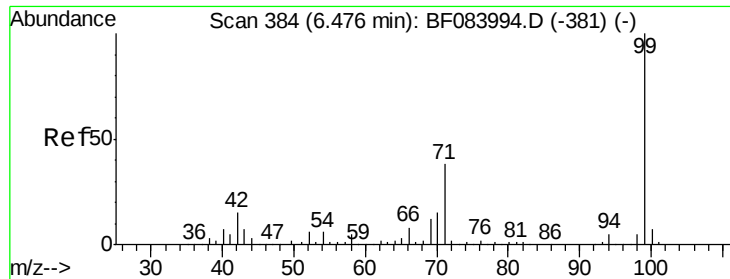
Ion Ratio Lower Upper

112 100

64 58.3 36.6 55.0#

63 31.6 19.4 29.0#





#7

Phenol-d6

Concen: 118.16 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB87486TB

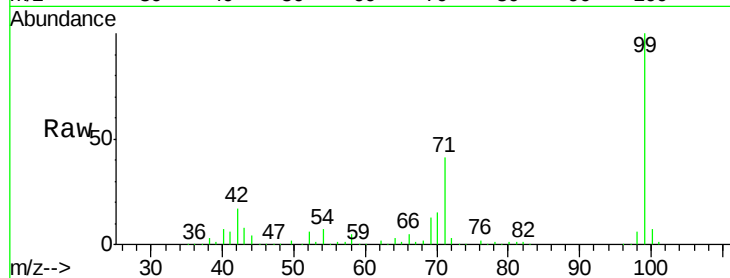
Tgt Ion: 99 Resp: 389167

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

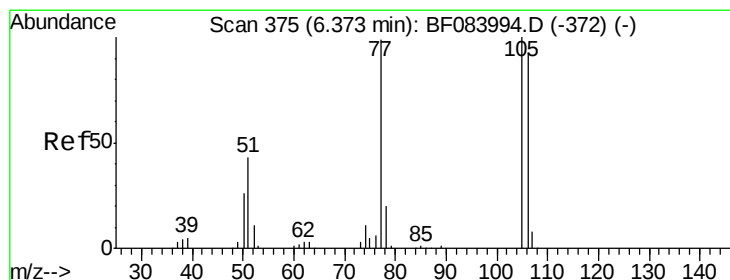
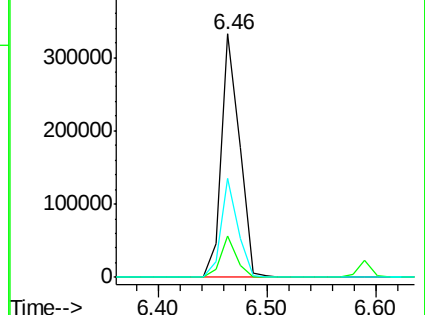
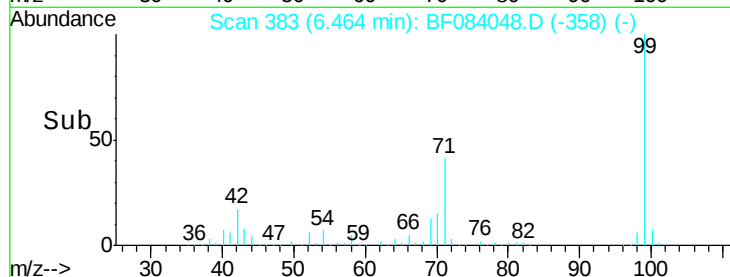
71 40.5 30.9 46.3



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: 3.61 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

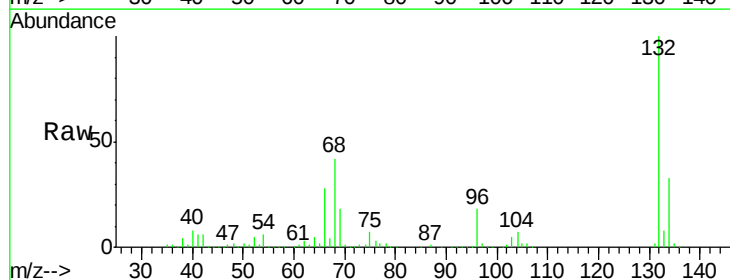
Tgt Ion: 77 Resp: 7951

Ion Ratio Lower Upper

77 100

105 88.0 83.0 123.0

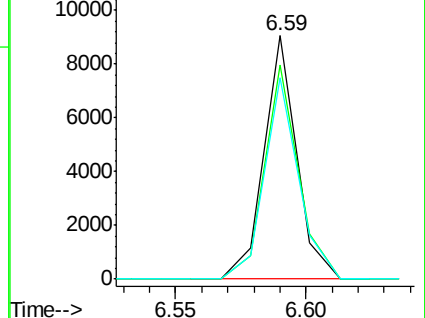
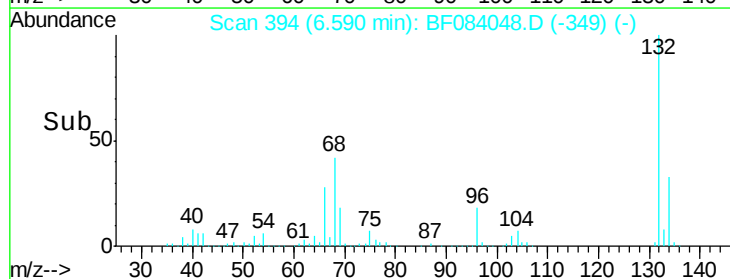
106 82.7 74.6 114.6

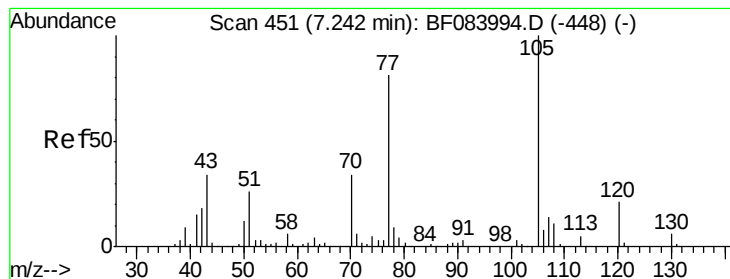


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 16.01 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB87486TB

Tgt Ion: 70 Resp: 31954

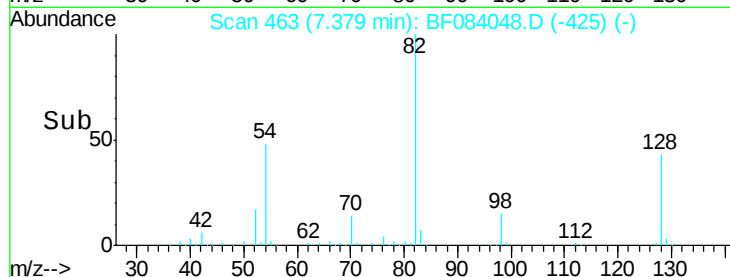
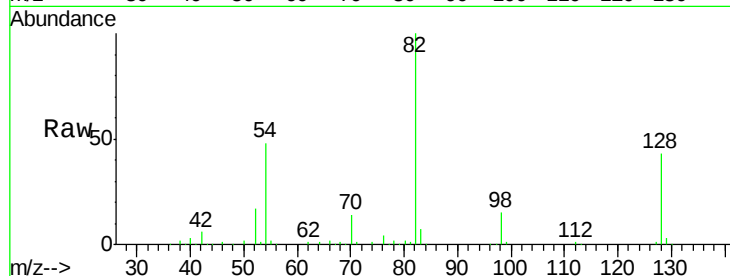
Ion Ratio Lower Upper

70 100

42 43.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.7 23.4 35.0#

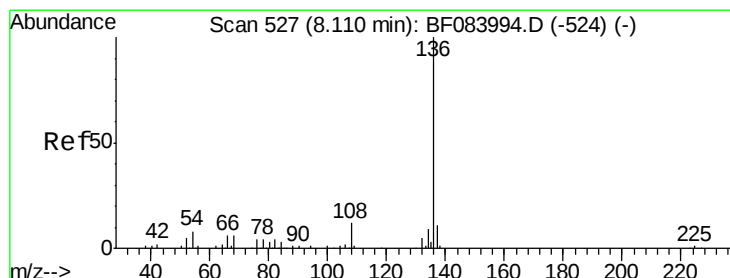
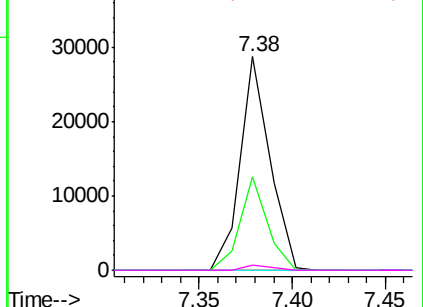


Abundance Ion 70.00 (69.70 to 70.70): BF0

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

Tgt Ion: 136 Resp: 187287

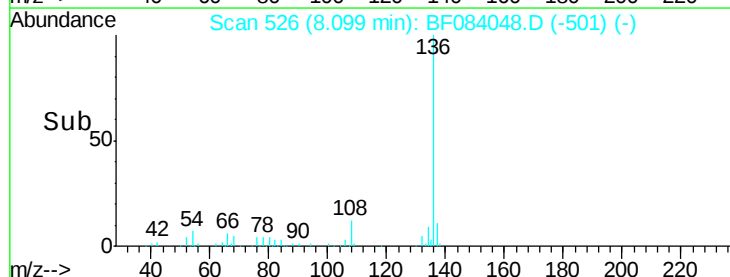
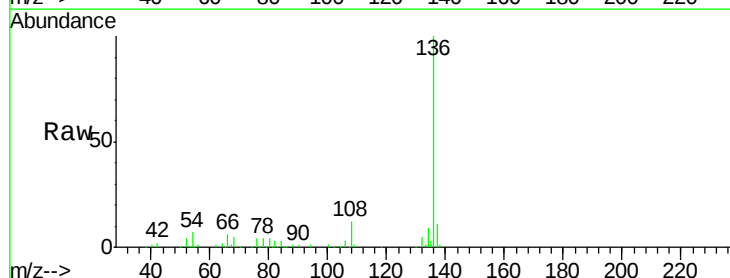
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 5.8 8.8

68 4.9 4.2 6.2

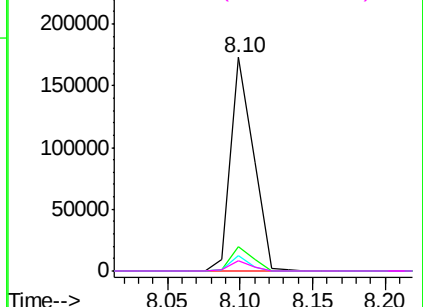


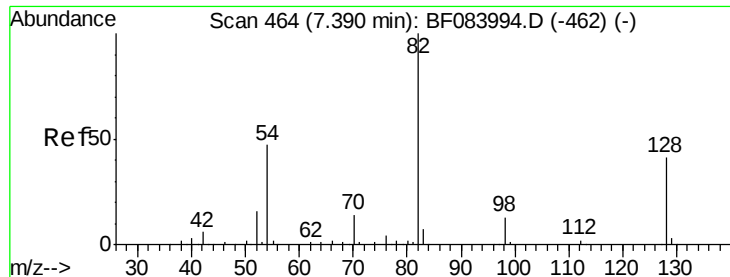
Abundance Ion 136.00 (135.70 to 136.70): E

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

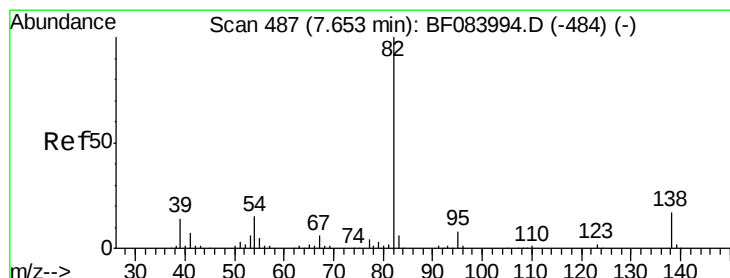
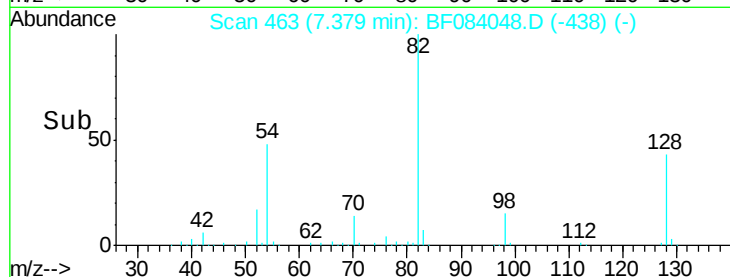
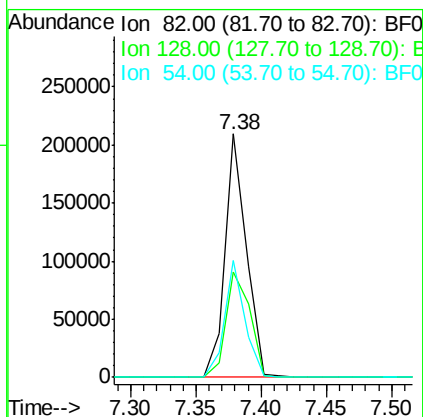
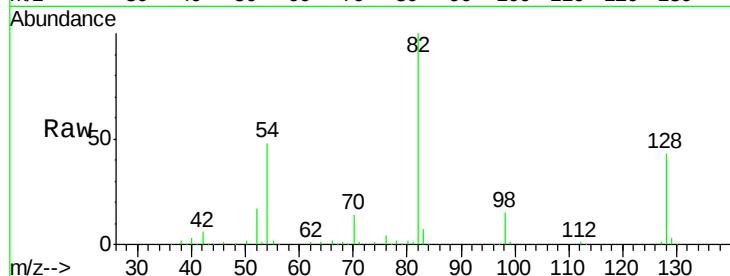




#23
 Nitrobenzene-d5
 Concen: 78.00 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

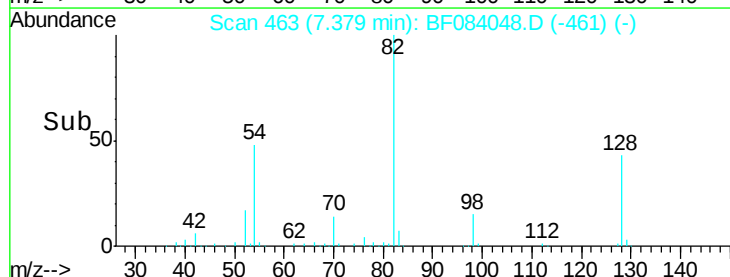
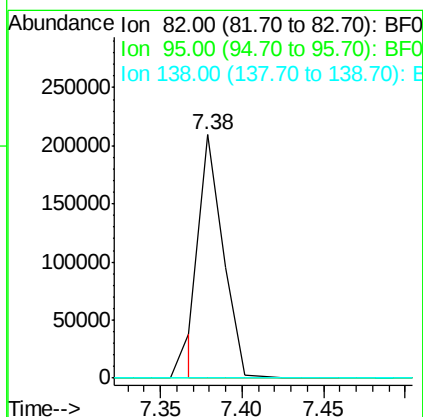
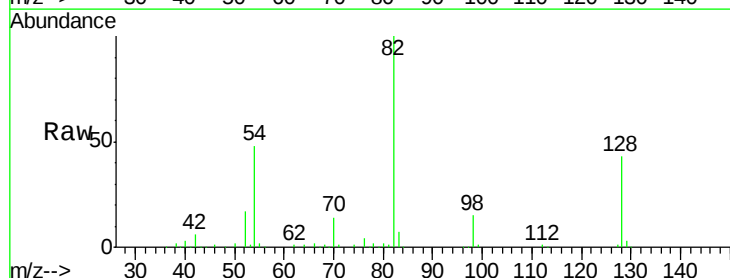
Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

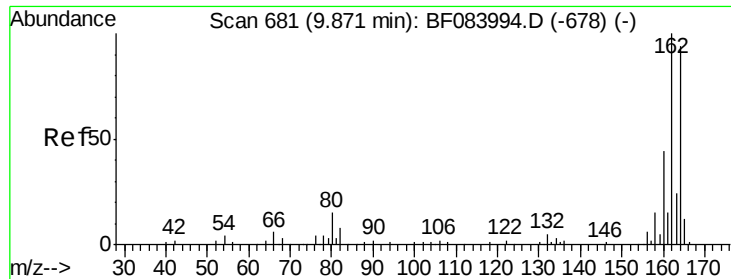
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	48.0	38.4	57.6



#25
 Isophorone
 Concen: 36.65 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.27 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

Instrument :

BNA_F

ClientSampleId :

PB87486TB

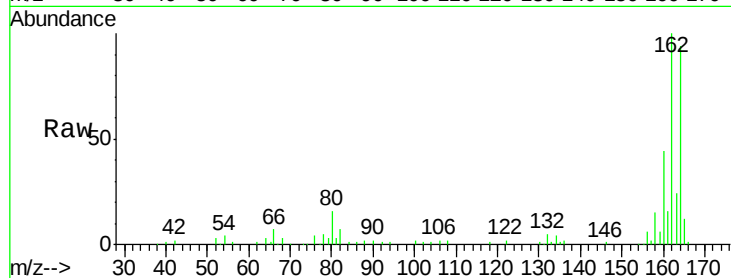
Tgt Ion:164 Resp: 90219

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

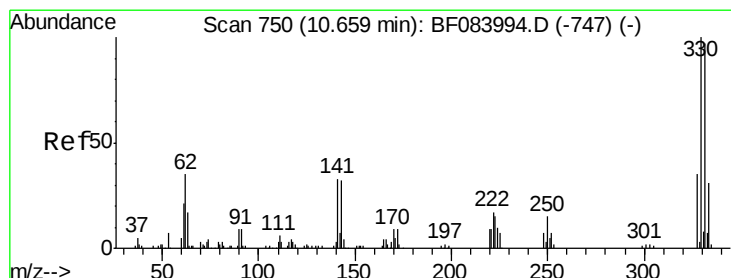
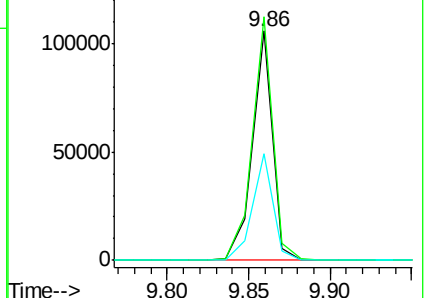
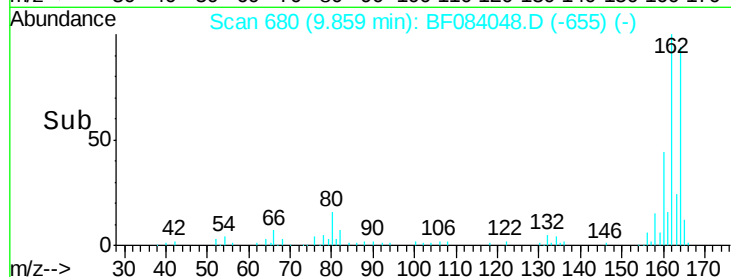
160 46.6 37.5 56.3



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: 97.41 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF084048.D

Acq: 23 Dec 2015 22:07

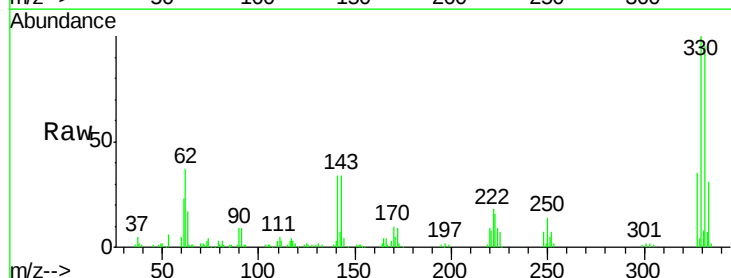
Tgt Ion:330 Resp: 84534

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

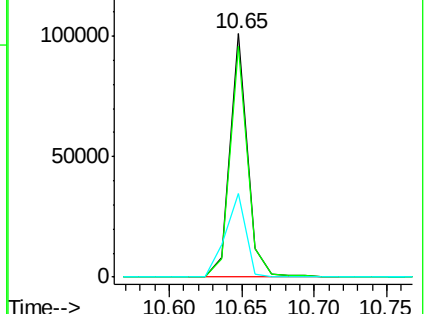
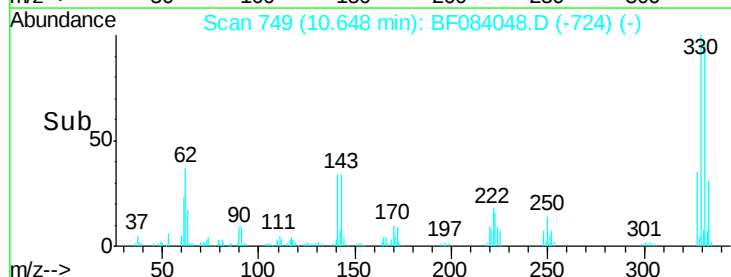
141 40.3 27.8 41.6

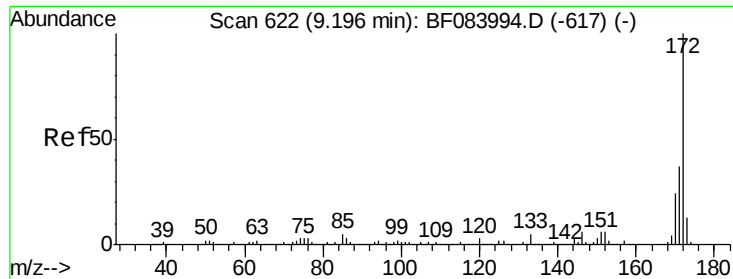


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

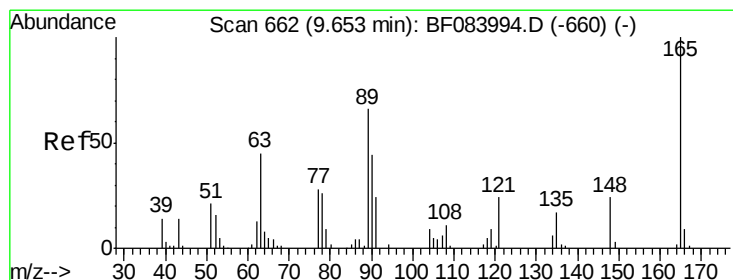
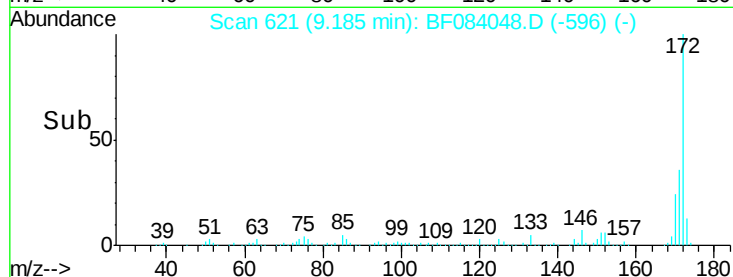
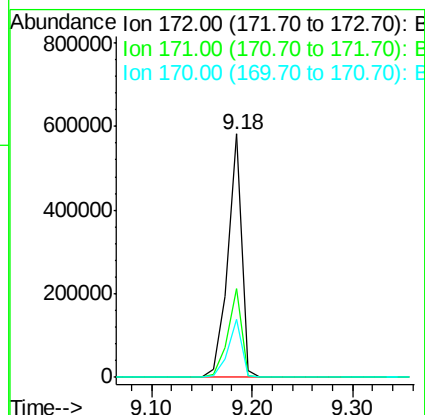
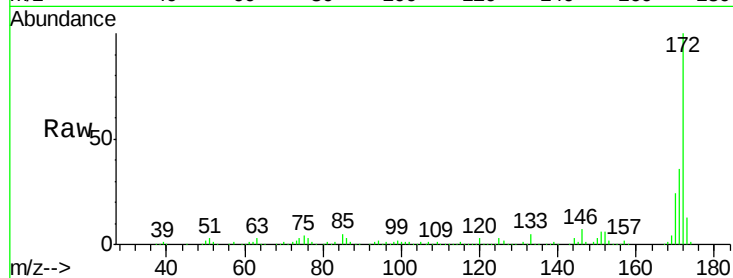




#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

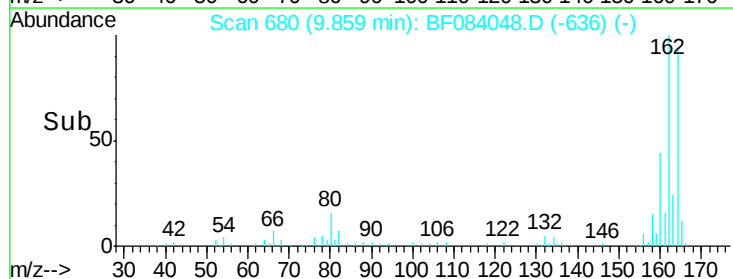
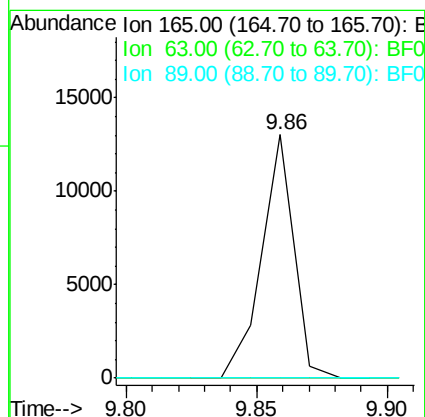
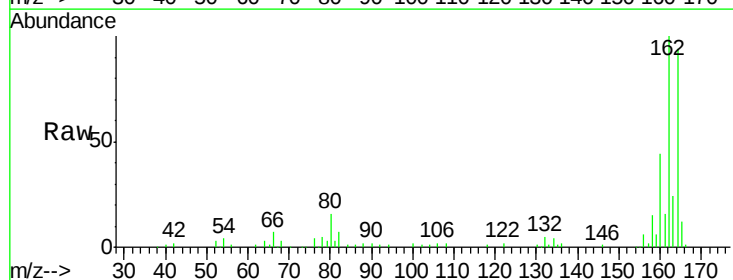
Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

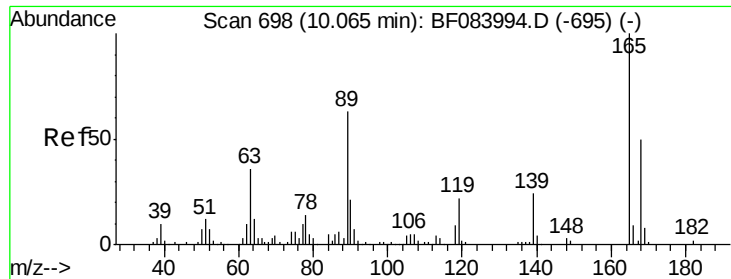
Tgt Ion:172 Resp: 560559
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.0 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Tgt Ion:165 Resp: 11335
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.8 43.2#
 89 0.0 35.1 52.7#

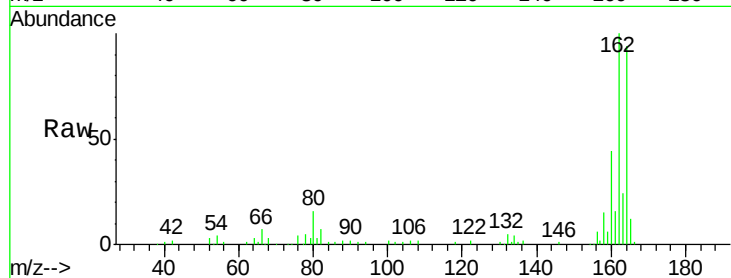




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

Tgt Ion:	165	Resp:	11335
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

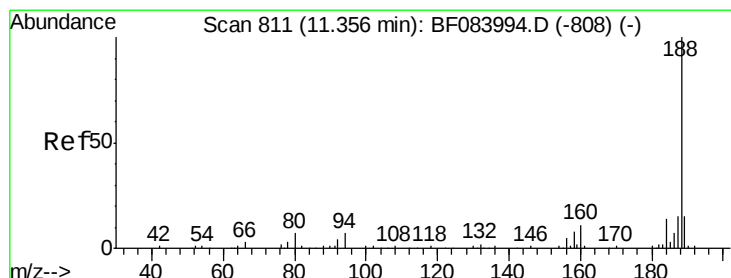
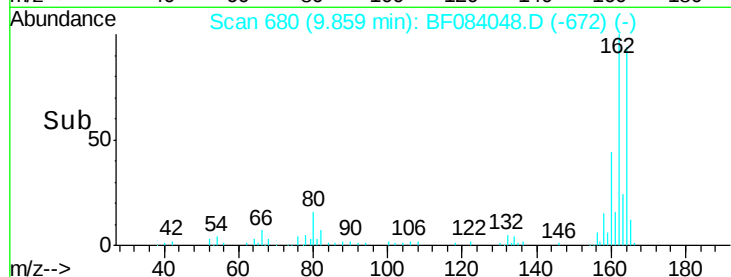
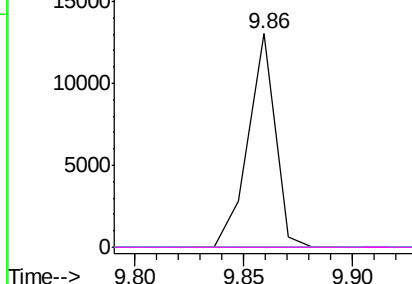


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

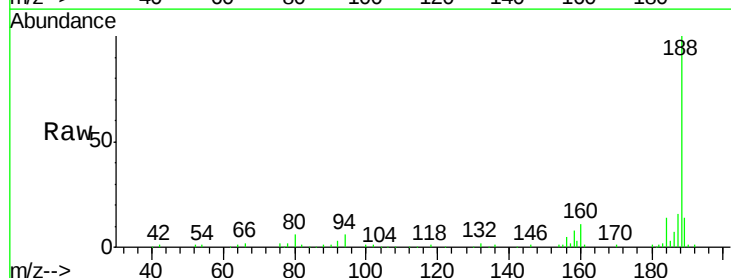
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

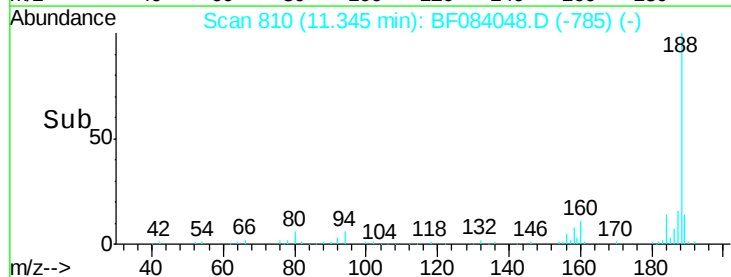
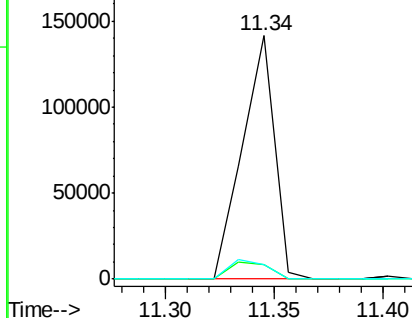
Tgt Ion:	188	Resp:	145514
Ion Ratio	Lower	Upper	
188	100		
94	6.2	9.0	13.4#
80	6.0	9.6	14.4#

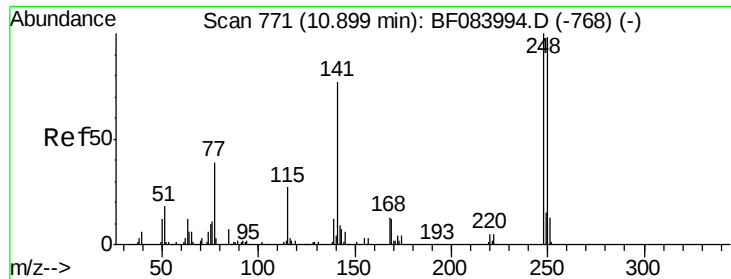


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

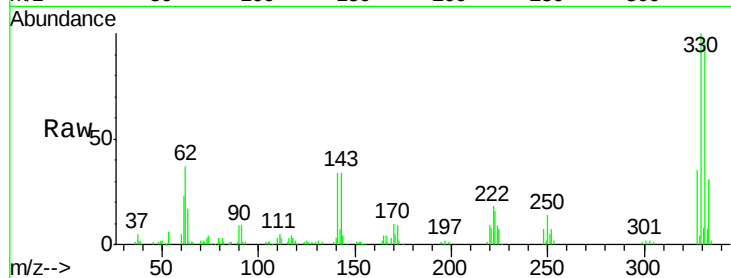




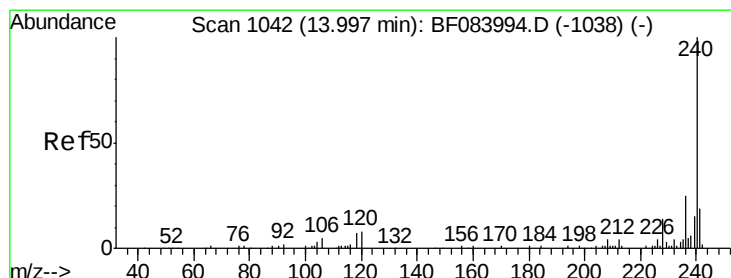
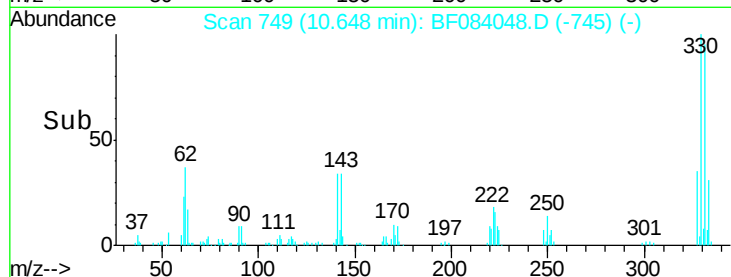
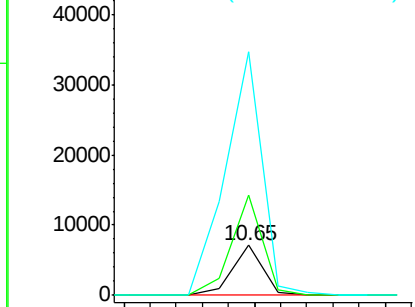
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF084048.D
Acq: 23 Dec 2015 22:07

Instrument :
BNA_F
ClientSampleId :
PB87486TB

Tgt Ion:248 Resp: 5973
Ion Ratio Lower Upper
248 100
250 200.8 78.4 117.6#
141 484.6 44.0 66.0#

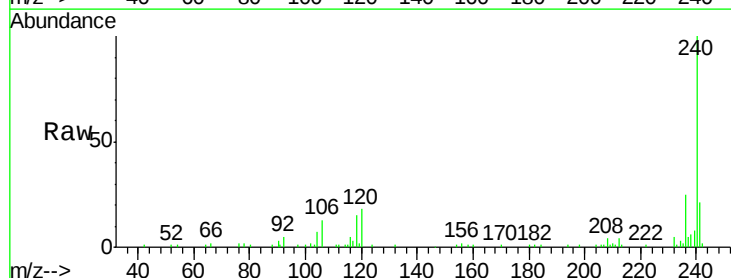


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

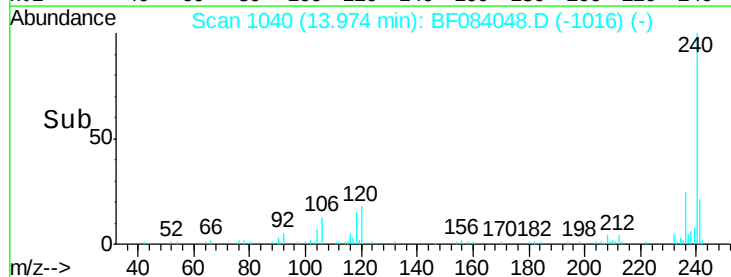
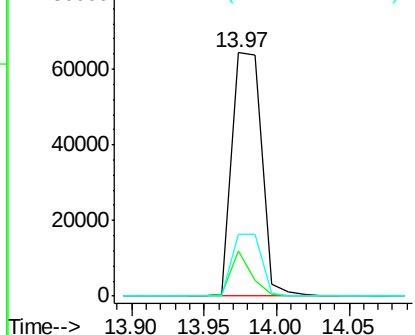


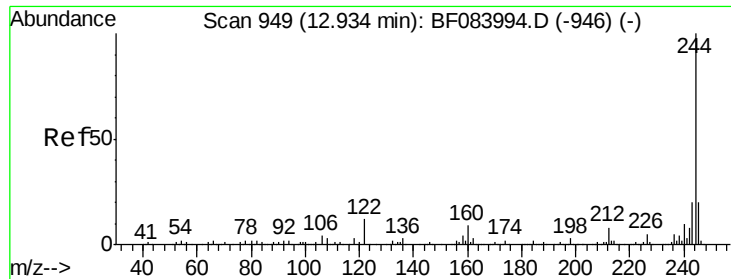
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF084048.D
Acq: 23 Dec 2015 22:07

Tgt Ion:240 Resp: 91235
Ion Ratio Lower Upper
240 100
120 18.5 9.5 14.3#
236 25.4 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

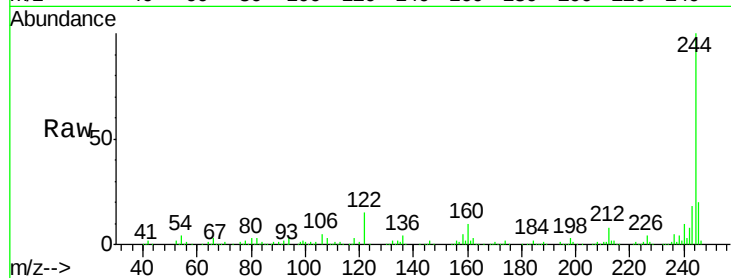




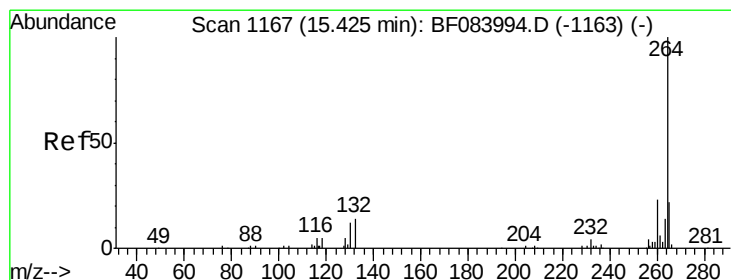
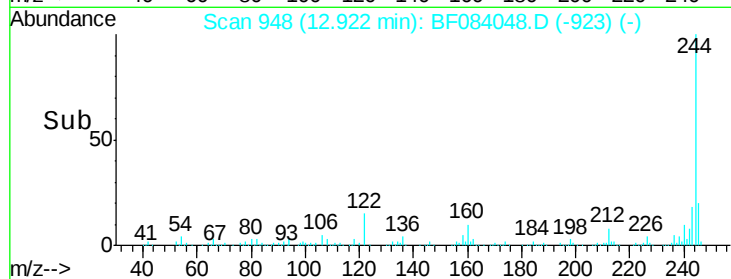
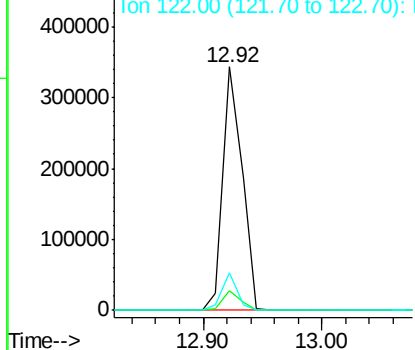
#78
 Terphenyl-d14
 Concen: 99.96 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87486TB

Tgt Ion:244 Resp: 382405
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 15.3 7.4 11.0#

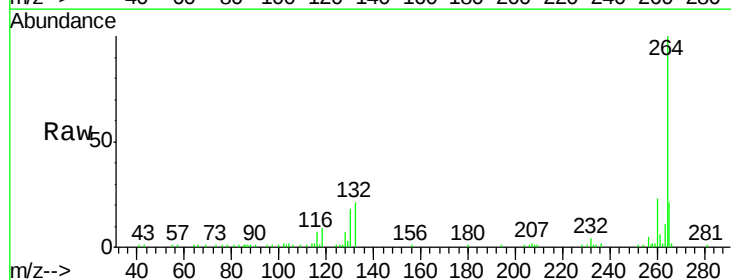


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.02 min
 Lab File: BF084048.D
 Acq: 23 Dec 2015 22:07

Tgt Ion:264 Resp: 87135
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 17.8 26.6



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

