

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084824.D
 Acq On : 4 Feb 2016 9:44
 Operator : SJ/IZ
 Sample : H1322-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 10:22:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

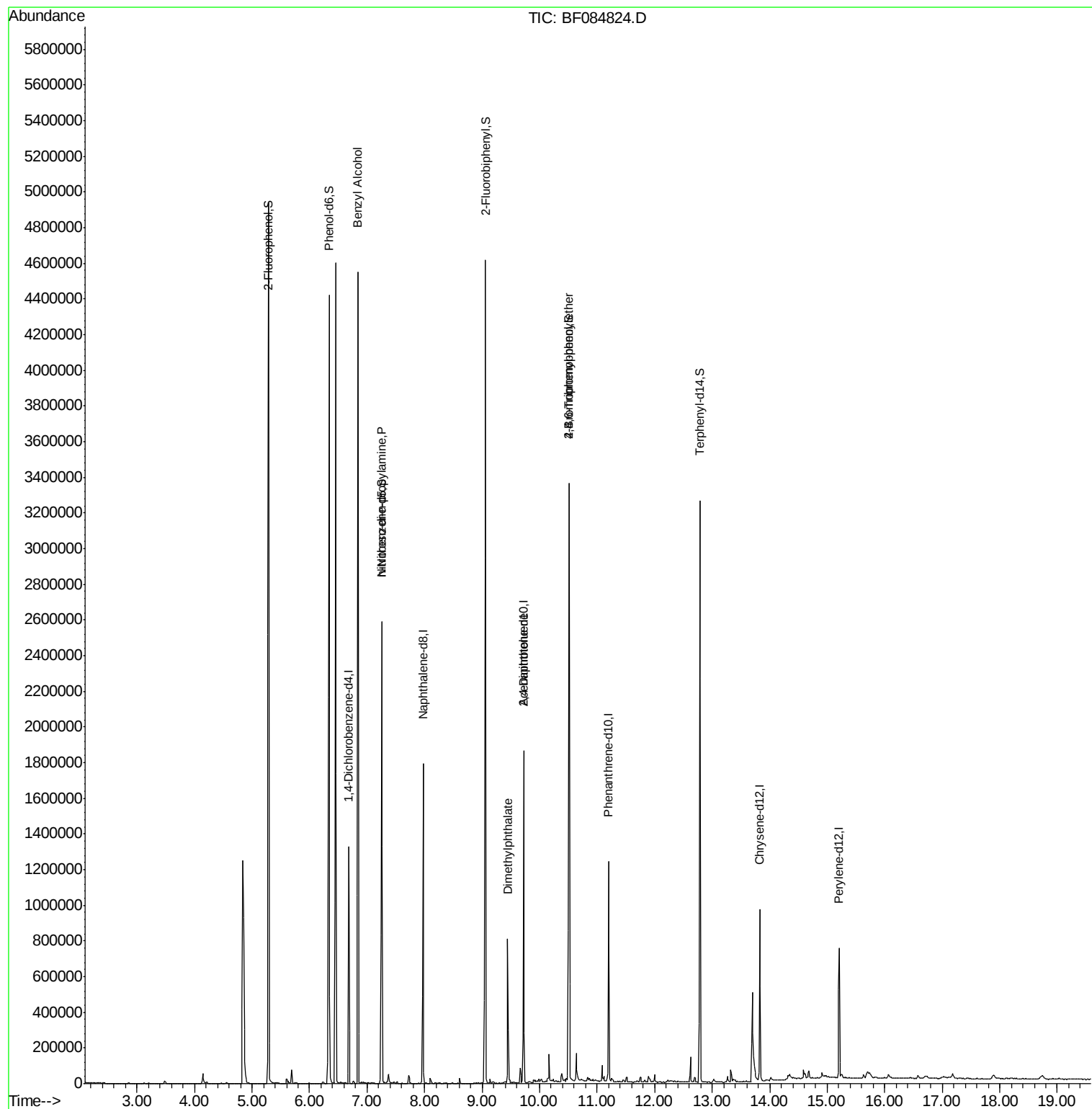
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	183989	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	812536	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	347533	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	569630	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	393529	20.00	ng	-0.01
86) Perylene-d12	15.21	264	355889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1476903	125.03	ng	0.01
7) Phenol-d6	6.34	99	1689814	115.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	1100570	76.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	386484	106.61	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1863042	93.36	ng	0.00
78) Terphenyl-d14	12.78	244	1364888	78.59	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.84	79	21097	2.09	ng	# 46
19) n-Nitroso-di-n-propylamine	7.25	70	148785	16.21	ng	# 71
49) Dimethylphthalate	9.45	163	344953	13.03	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	44212	5.99	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	24714	3.93	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

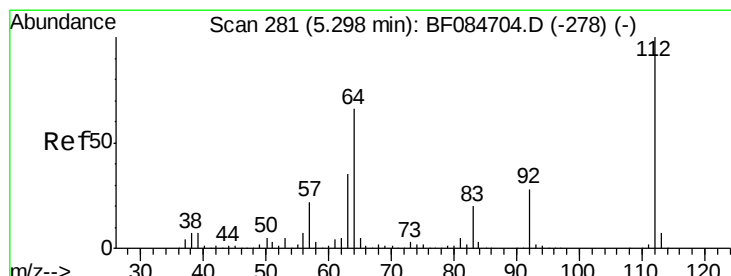
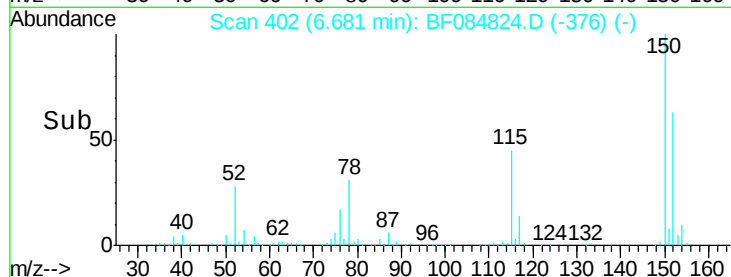
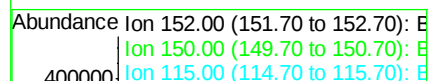
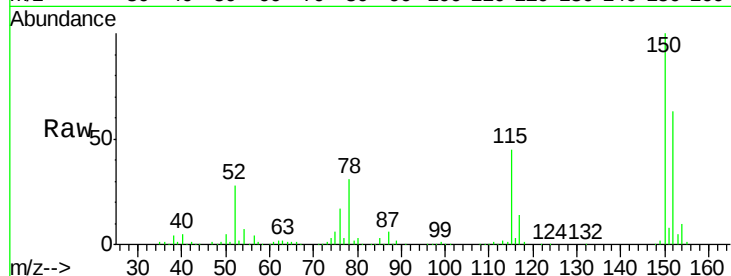
Tot Ion:152 Resp: 183989

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

115 70.7 51.4 77.2



#5

2-Fluorophenol

Concen: 125.03 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

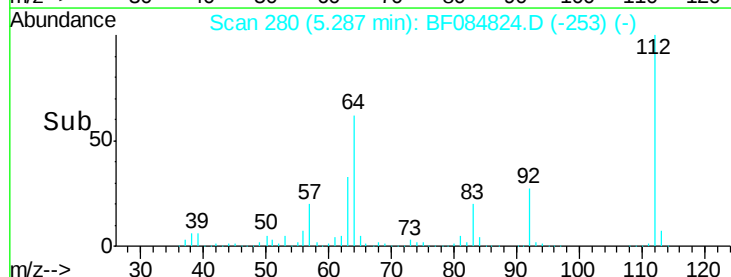
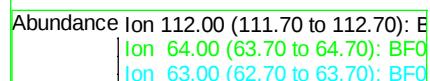
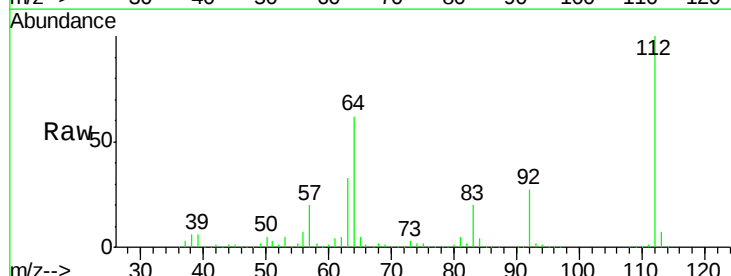
Tgt Ion:112 Resp: 1476903

Ion Ratio Lower Upper

112 100

64 62.3 36.6 55.0#

63 33.2 19.4 29.0#





#7

Phenol-d6

Concen: 115.39 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

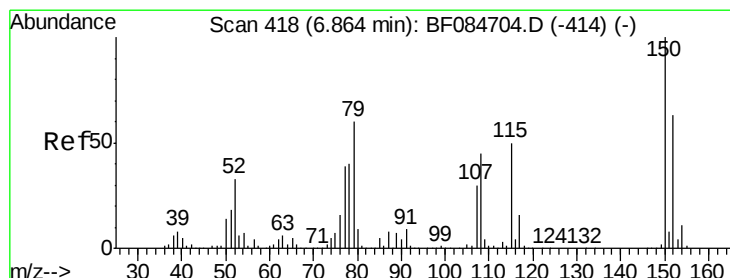
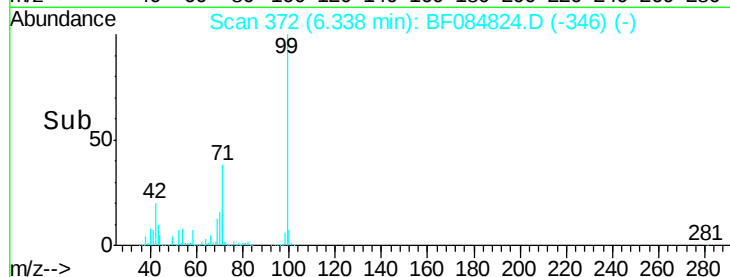
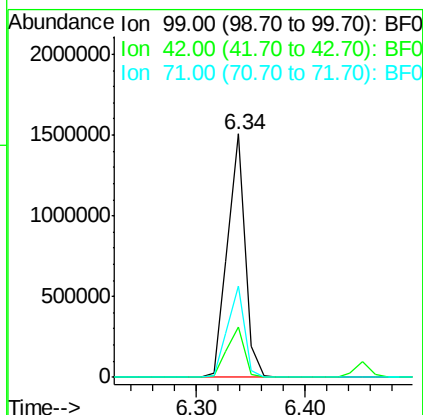
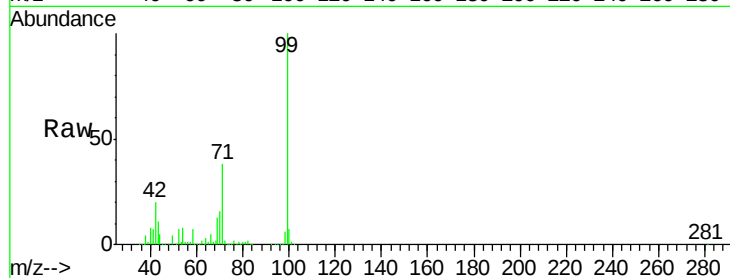
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1689814

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.6	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.84 min Scan# 416

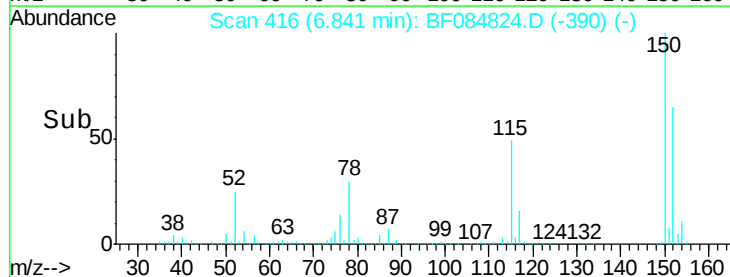
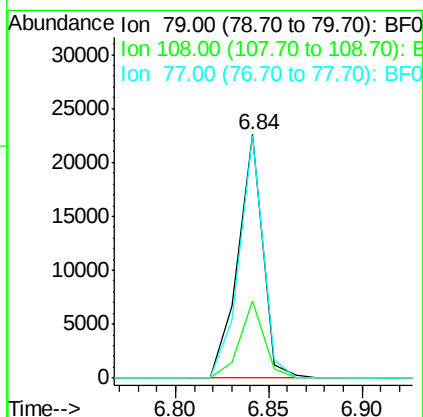
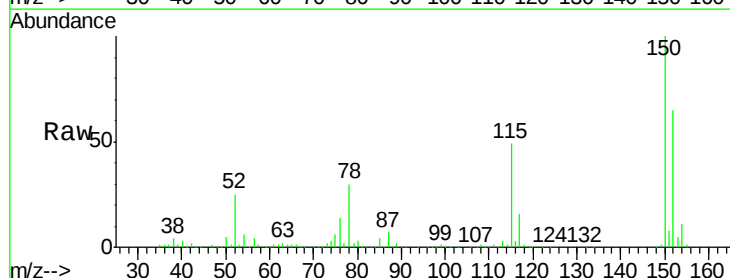
Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Tgt Ion: 79 Resp: 21097

Ion	Ratio	Lower	Upper
79	100		
108	31.8	69.0	103.4#
77	99.5	50.0	75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 16.21 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 148785

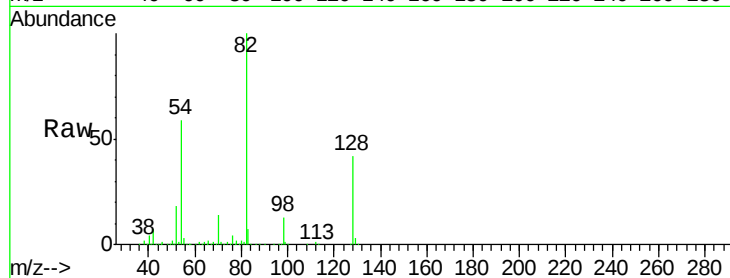
Ion Ratio Lower Upper

70 100

42 50.4 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

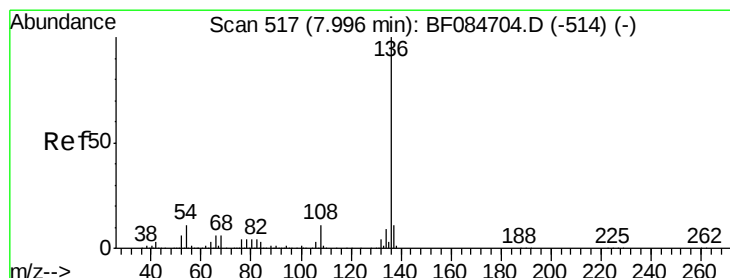
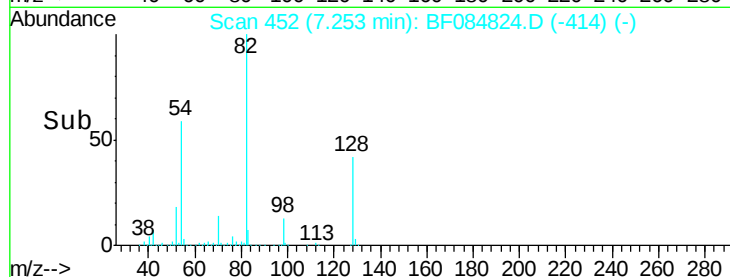
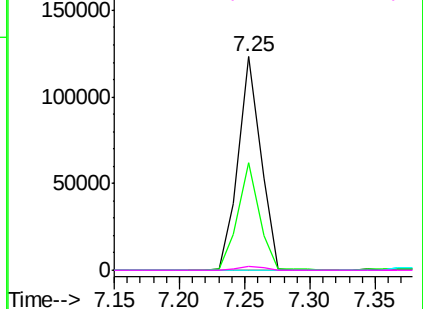


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Tgt Ion:136 Resp: 812536

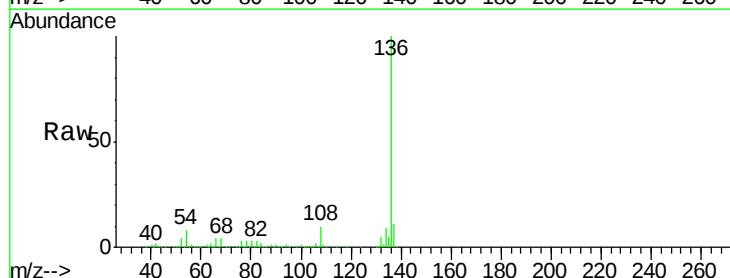
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 5.8 8.8

68 4.5 4.2 6.2

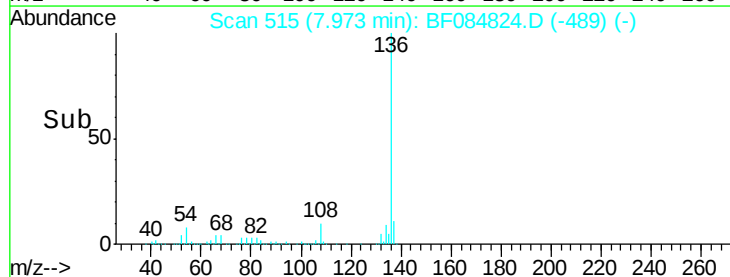
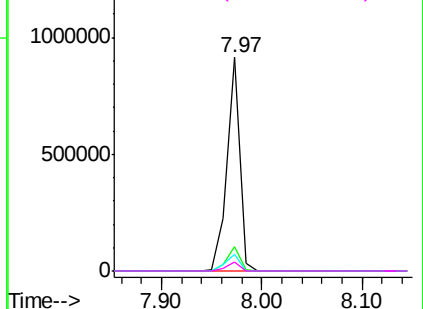


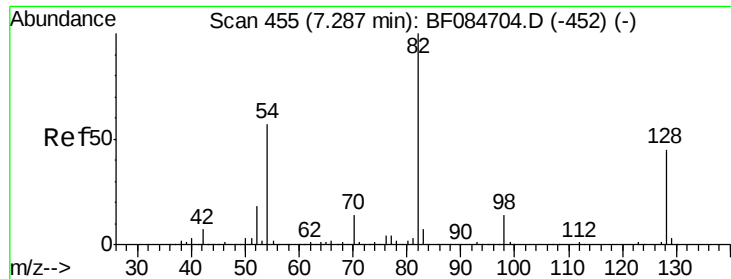
Abundance Ion 136.00 (135.70 to 136.70): E

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

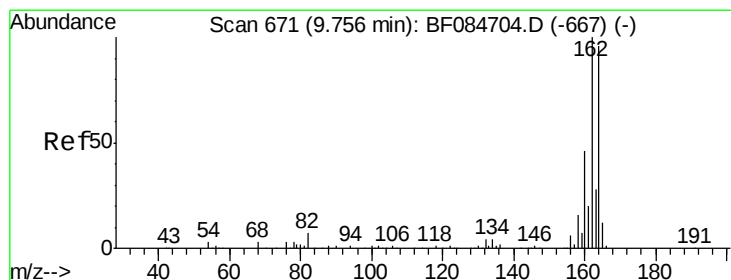
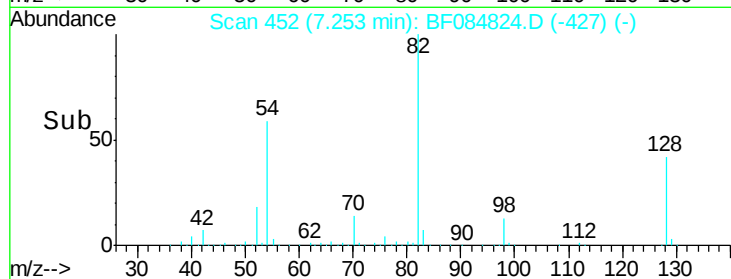
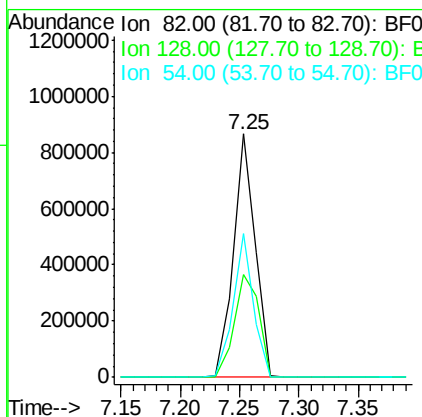
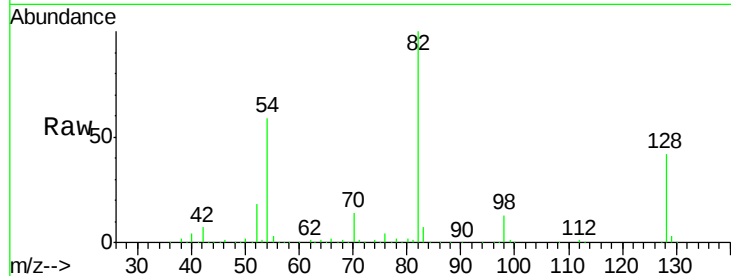




#23
 Nitrobenzene-d5
 Concen: 76.30 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084824.D
 Acq: 4 Feb 2016 9:44

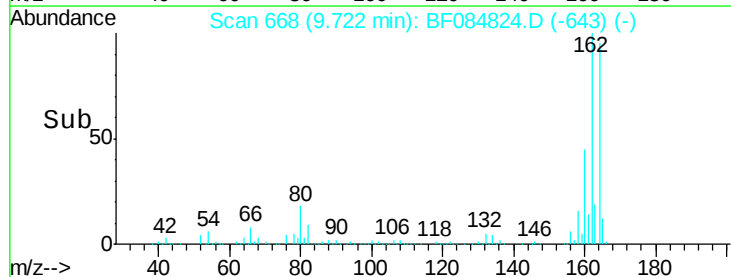
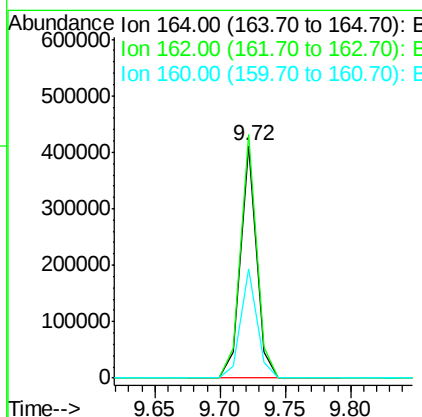
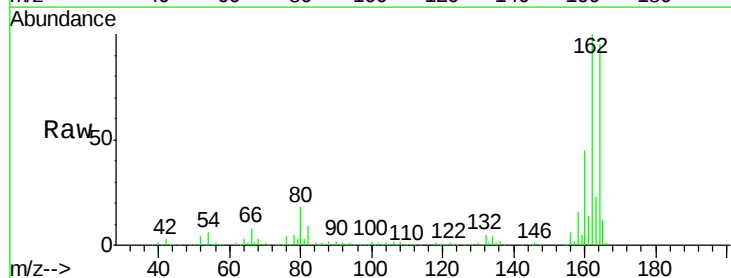
Instrument :
 BNA_F
 ClientSampleId :

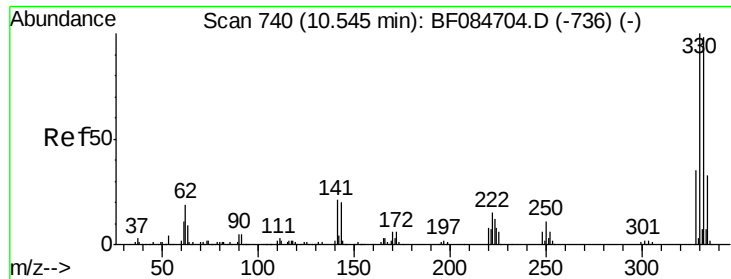
Tot Ion: 82 Resp: 1100570
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 58.9 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084824.D
 Acq: 4 Feb 2016 9:44

Tgt Ion:164 Resp: 347533
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 47.2 37.5 56.3

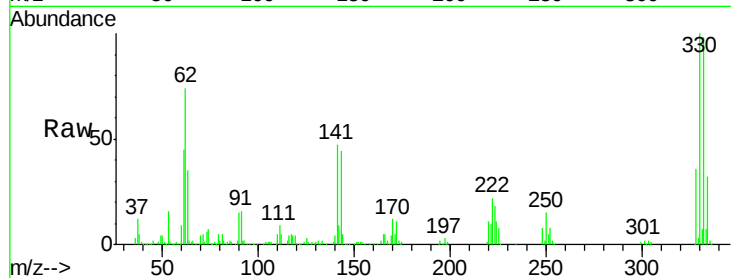




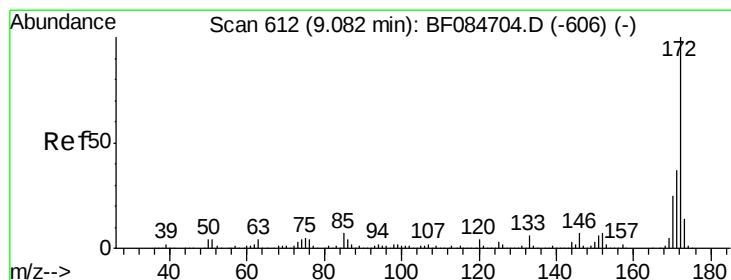
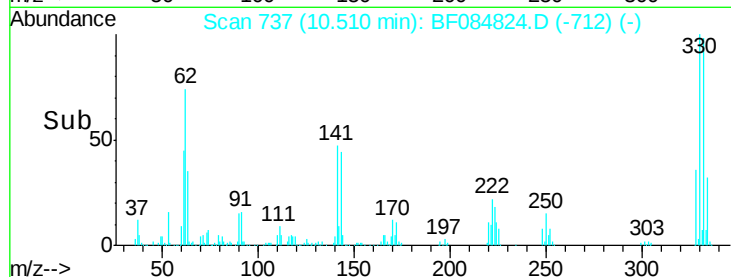
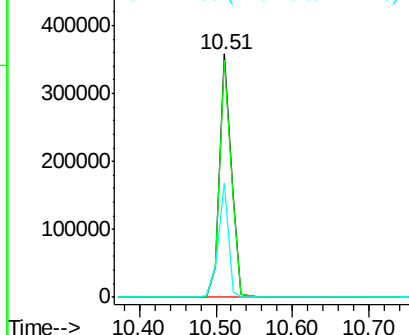
#41
 2,4,6-Tribromophenol
 Concen: 106.61 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084824.D
 Acq: 4 Feb 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 386484
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 40.1 27.8 41.6

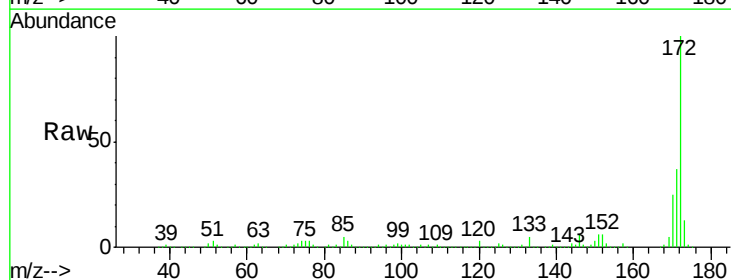


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

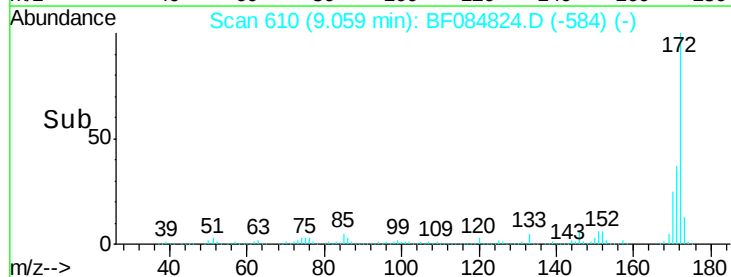
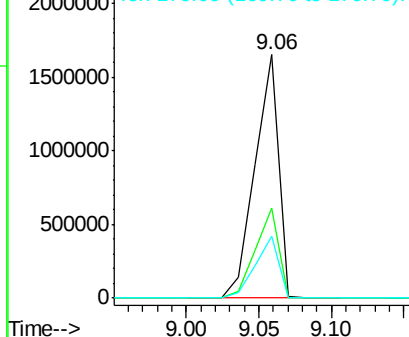


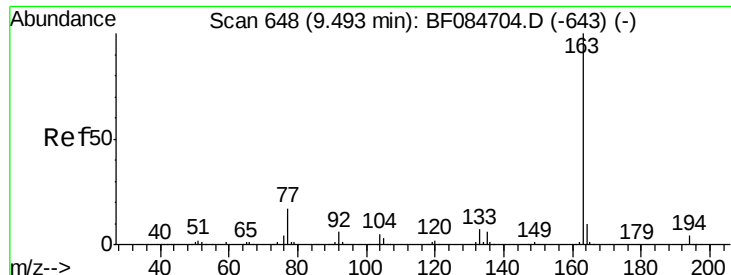
#44
 2-Fluorobiphenyl
 Concen: 93.36 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084824.D
 Acq: 4 Feb 2016 9:44

Tgt Ion:172 Resp: 1863042
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.4 18.6 27.8



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

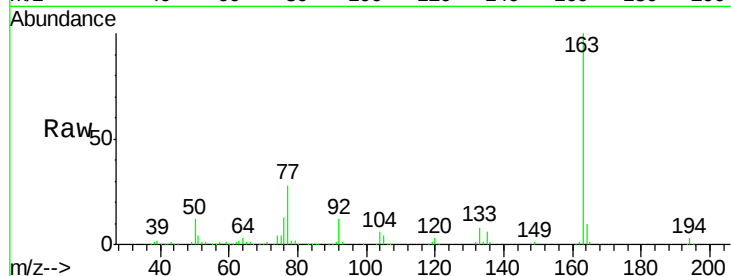




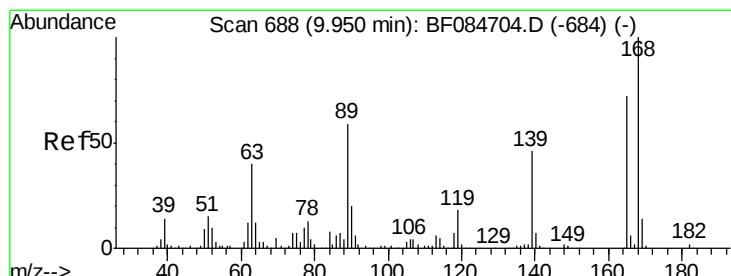
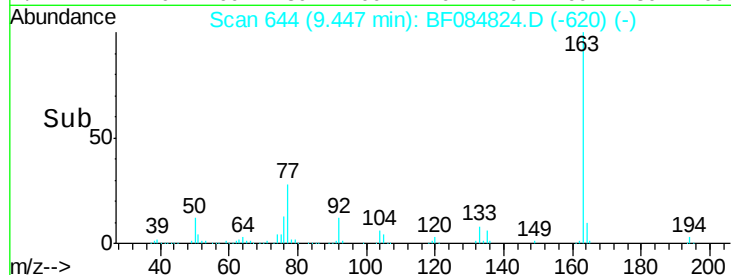
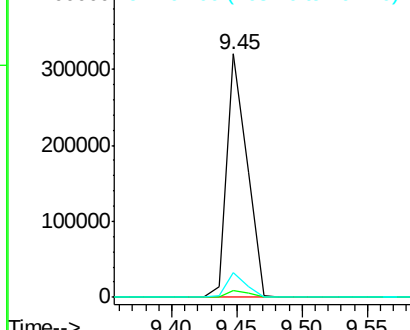
#49
Dimethylphthalate
Concen: 13.03 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084824.D
Acq: 4 Feb 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 344953
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.3 8.0 12.0

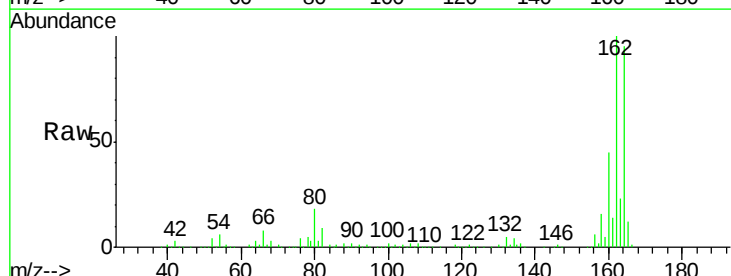


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

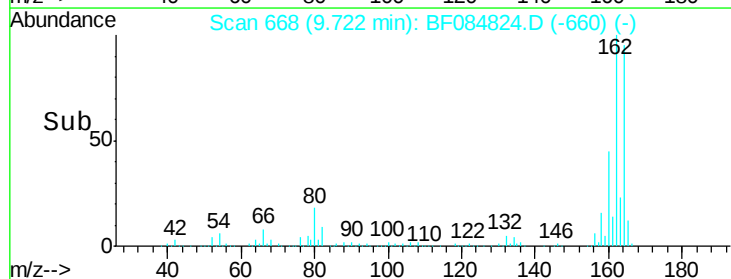
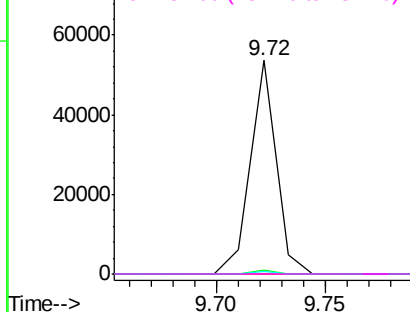


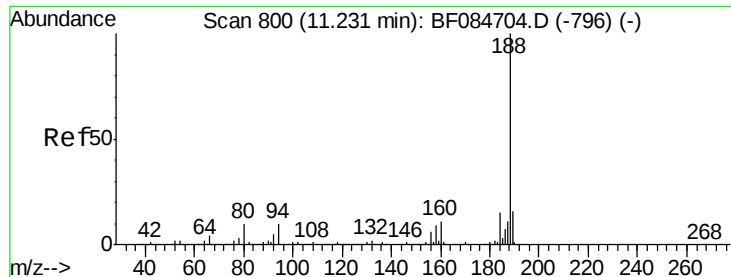
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084824.D
Acq: 4 Feb 2016 9:44

Tgt Ion:165 Resp: 44212
Ion Ratio Lower Upper
165 100
63 1.6 36.7 55.1#
89 1.3 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

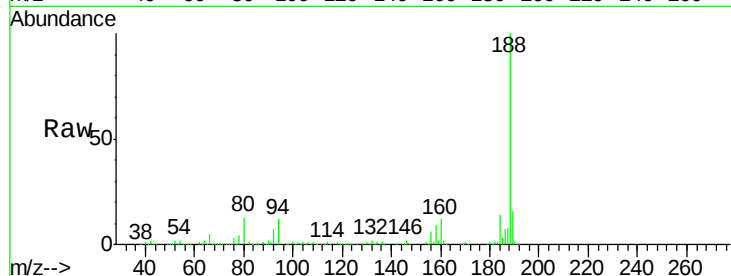




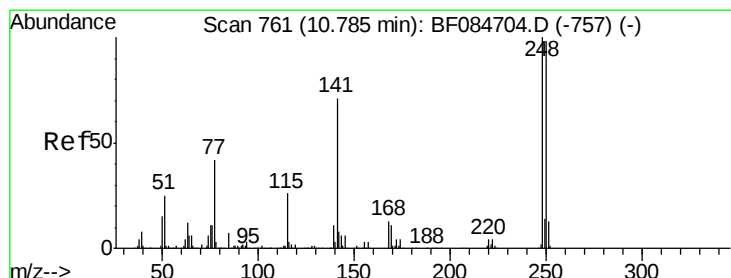
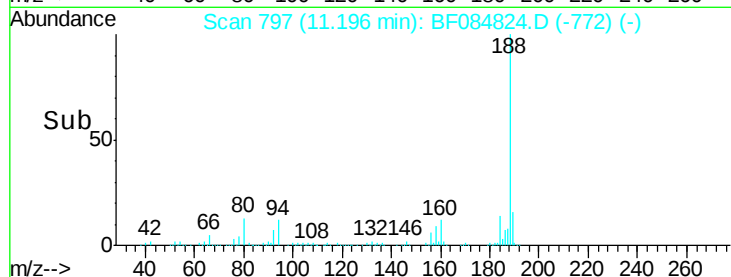
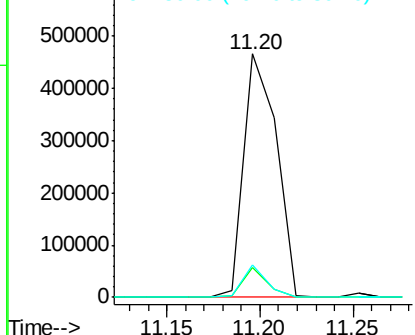
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084824.D
Acq: 4 Feb 2016 9:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 569630
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.4
80 13.1 9.6 14.4

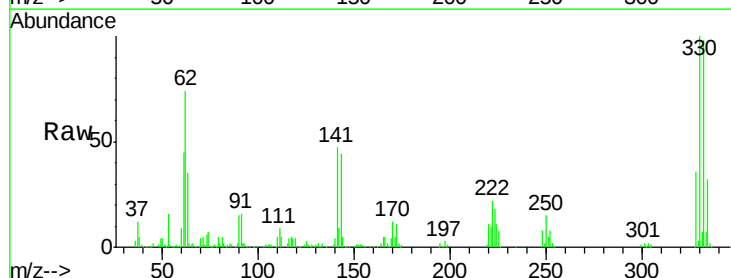


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

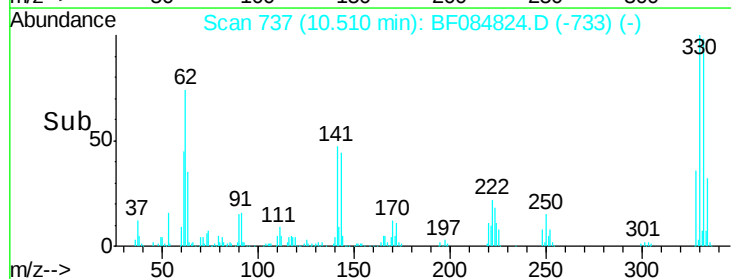
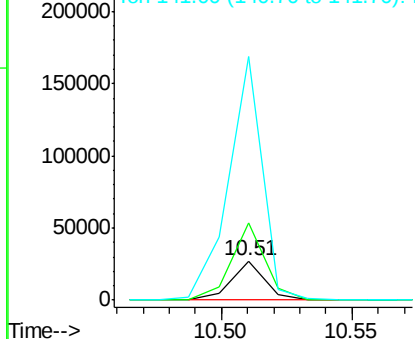


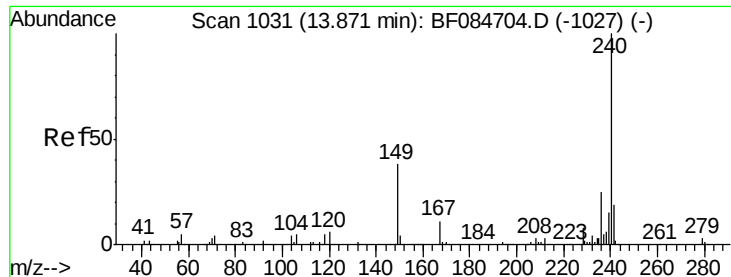
#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084824.D
Acq: 4 Feb 2016 9:44

Tgt Ion:248 Resp: 24714
Ion Ratio Lower Upper
248 100
250 195.1 78.4 117.6#
141 617.0 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: 13.82 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

Instrument :

BNA_F

ClientSampleId :

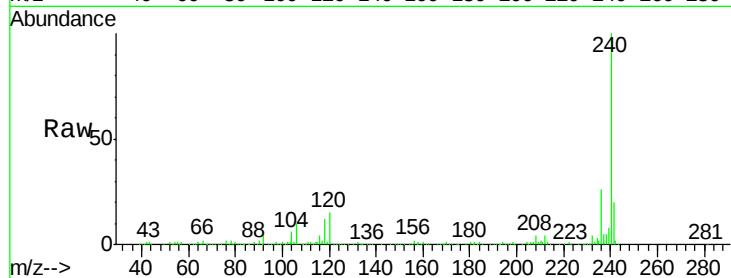
Tot Ion:240 Resp: 393529

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

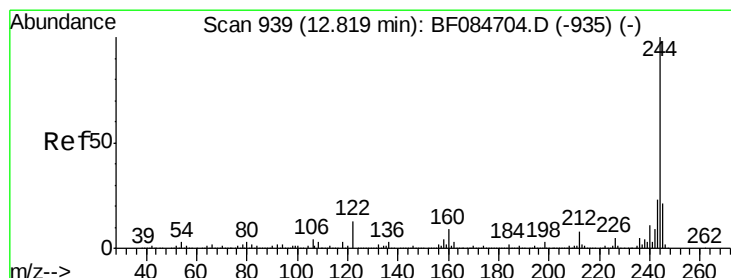
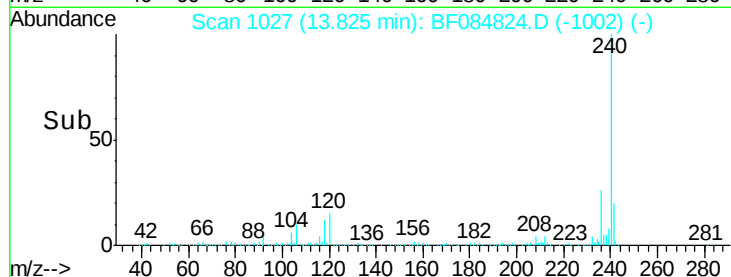
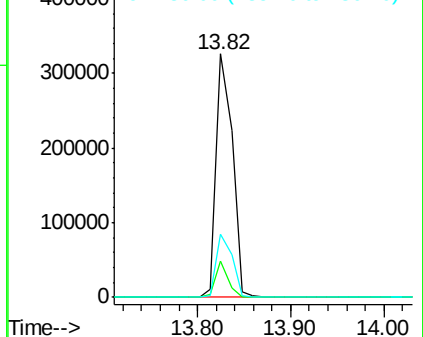
236 26.1 20.6 31.0



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: 78.59 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084824.D

Acq: 4 Feb 2016 9:44

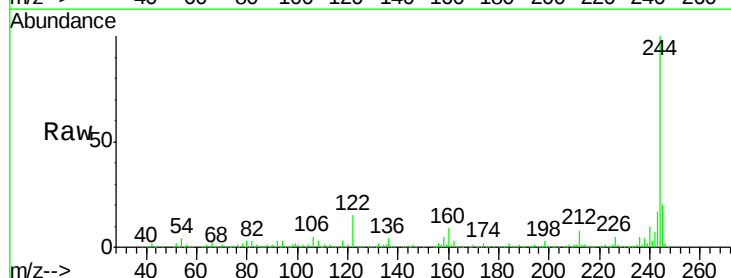
Tgt Ion:244 Resp: 1364888

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

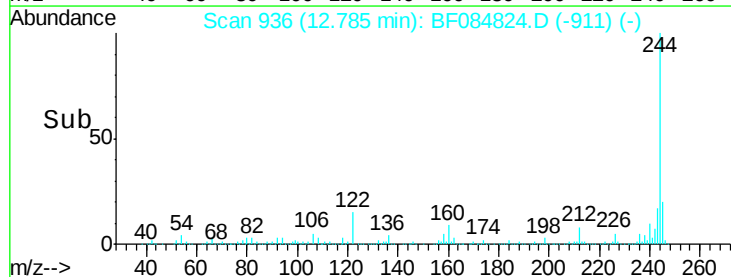
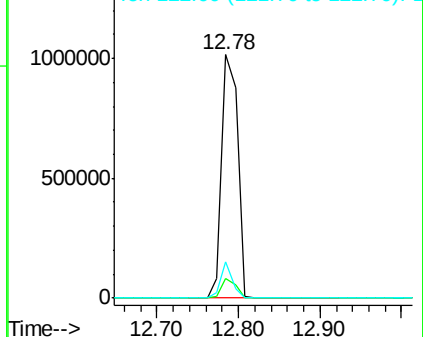
122 15.1 7.4 11.0#

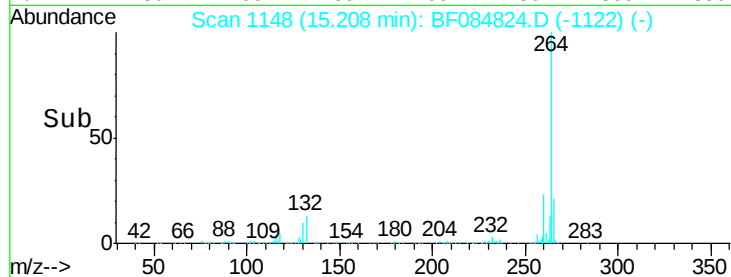
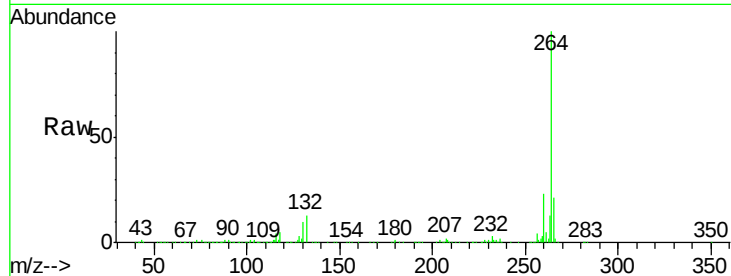
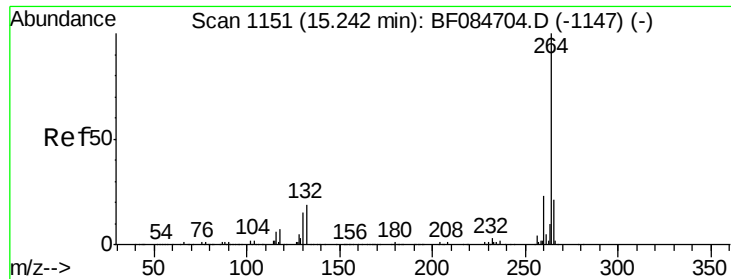


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084824.D
 Acq: 4 Feb 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.2
265	21.2	17.8	26.6

