

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084069.D
 Acq On : 24 Dec 2015 8:03
 Operator : UM/SJ
 Sample : G4925-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 09:48:09 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

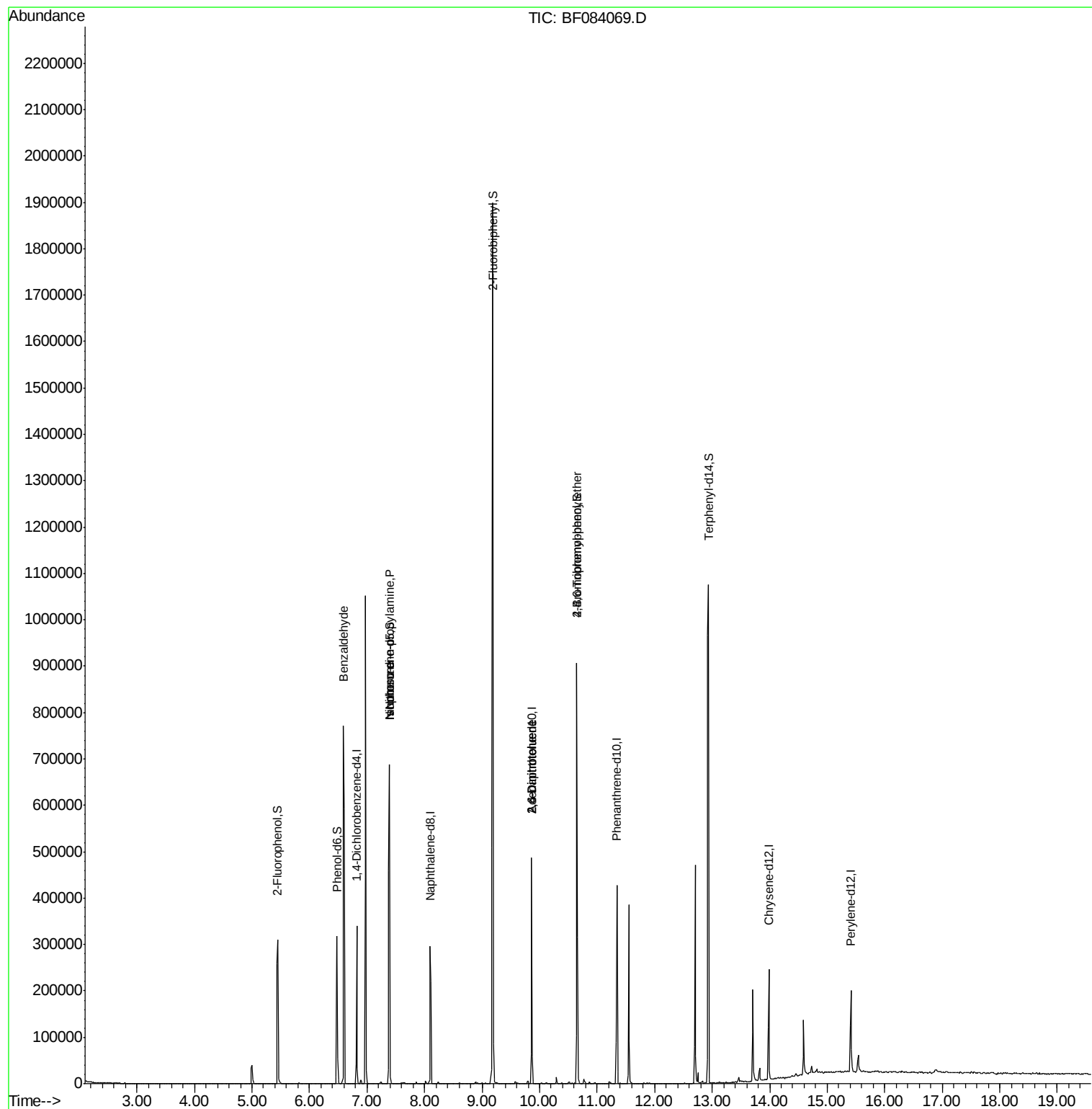
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49897	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	186548	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	91787	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	150942	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	95571	20.00	ng	-0.01
86) Perylene-d12	15.41	264	85075	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	131527	44.94	ng	0.01
7) Phenol-d6	6.48	99	103480	30.07	ng	0.00
23) Nitrobenzene-d5	7.39	82	285269	93.94	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	118697	134.45	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	579842	85.02	ng	-0.01
78) Terphenyl-d14	12.93	244	481050	120.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	6529	2.84	ng	# 79
19) n-Nitroso-di-n-propylamine	7.39	70	38190	18.32	ng	# 76
25) Isophorone	7.39	82	278396	48.38	ng	# 66
50) 2,6-Dinitrotoluene	9.86	165	11736	7.74	ng	# 35
56) 2,4-Dinitrotoluene	9.86	165	11737	6.16	ng	# 20
66) 4-Bromophenyl-phenylether	10.65	248	7950	4.59	ng	# 1

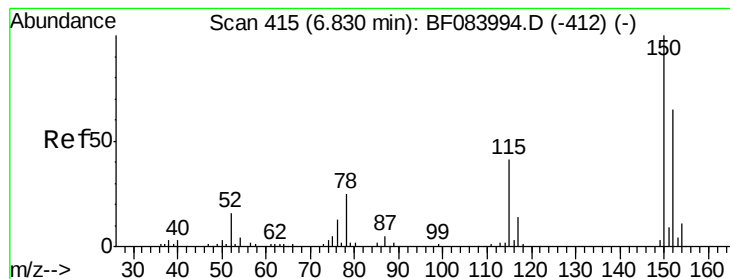
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

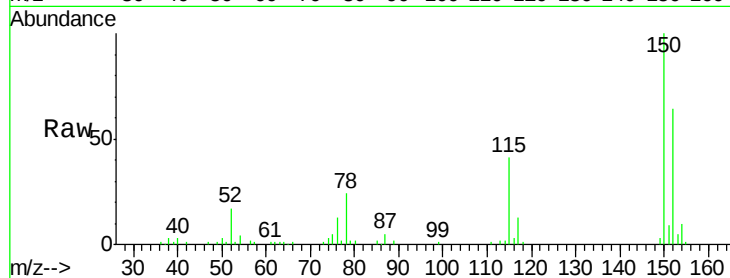
Tot Ion:152 Resp: 49897

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

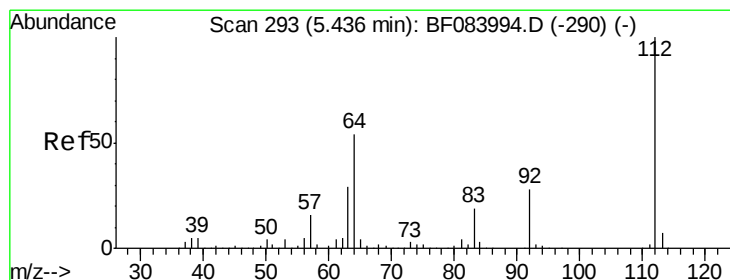
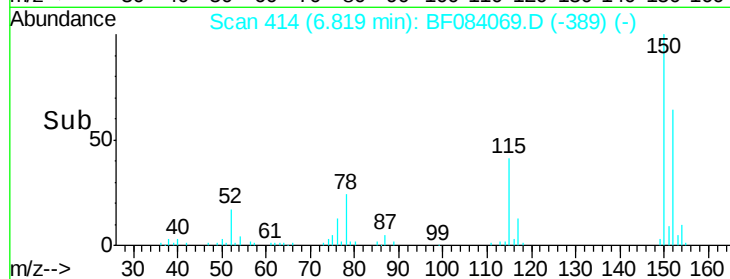
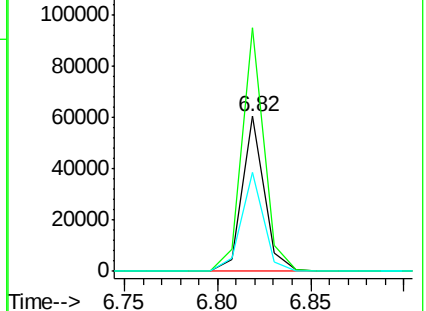
115 63.8 51.4 77.2



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: 44.94 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

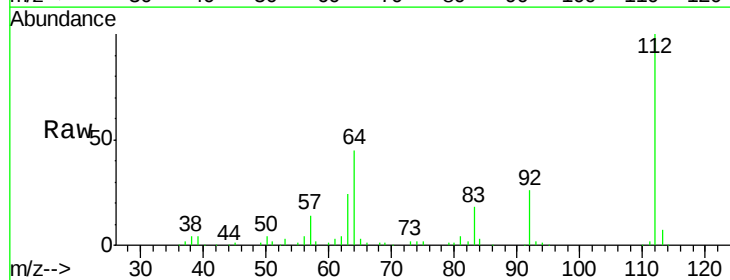
Tgt Ion:112 Resp: 131527

Ion Ratio Lower Upper

112 100

64 45.5 36.6 55.0

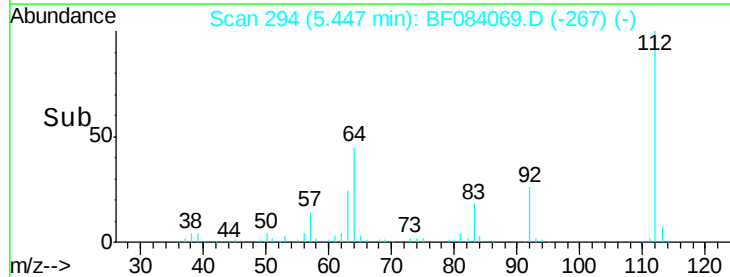
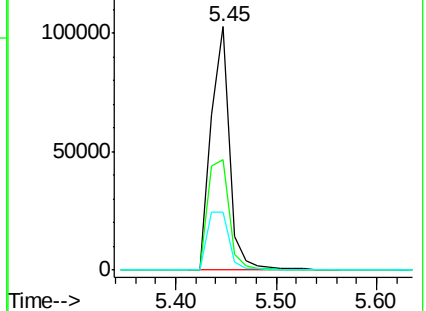
63 24.0 19.4 29.0

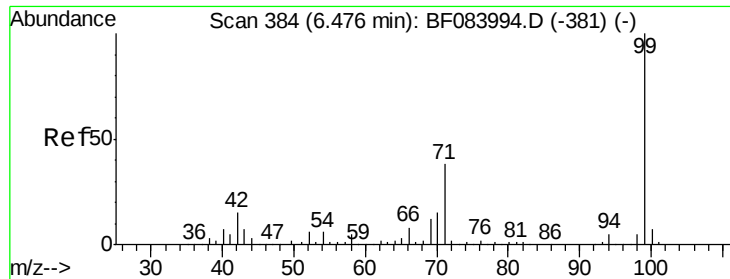


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.07 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

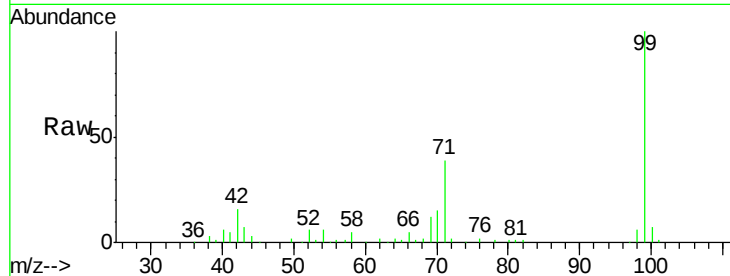
Tot Ion: 99 Resp: 103480

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

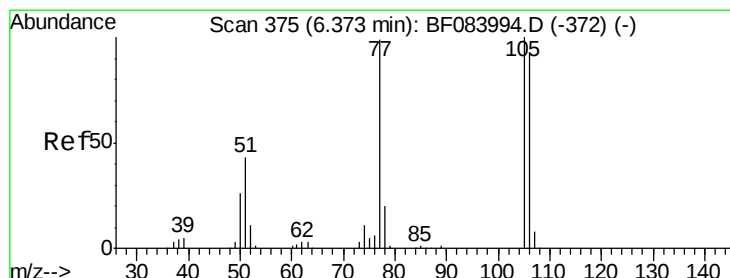
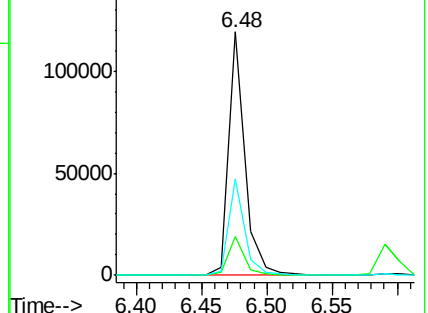
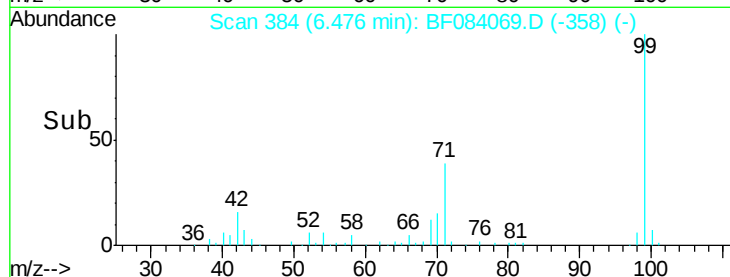
71 39.4 30.9 46.3



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: 2.84 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

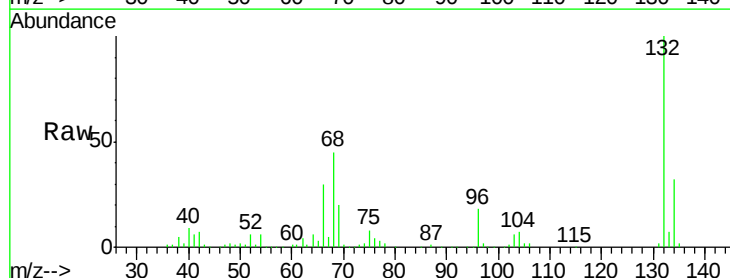
Tgt Ion: 77 Resp: 6529

Ion Ratio Lower Upper

77 100

105 78.9 83.0 123.0#

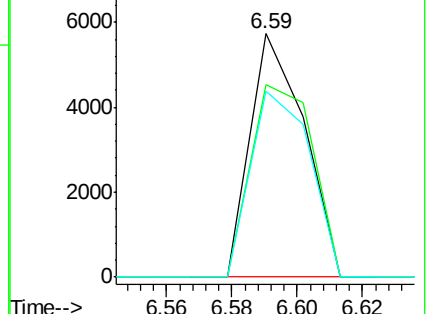
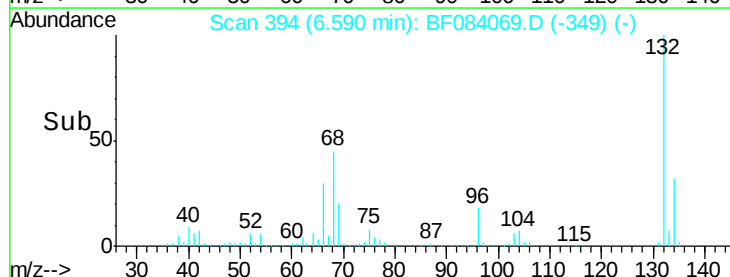
106 76.5 74.6 114.6

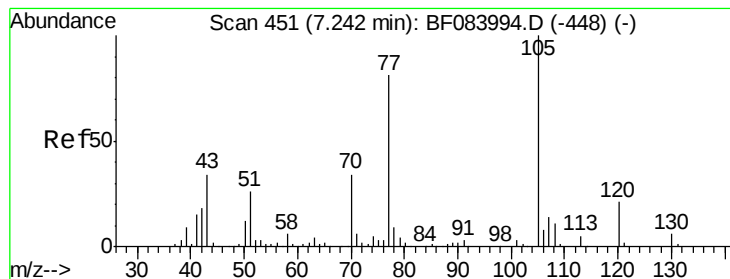


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 18.32 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 38190

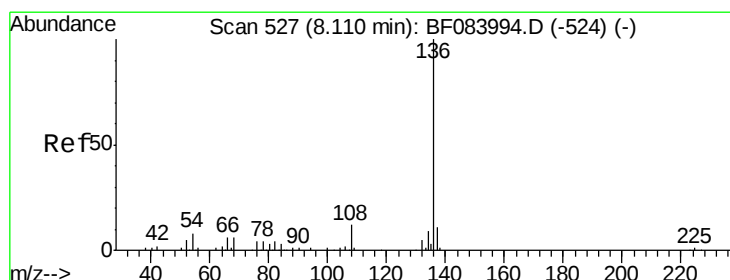
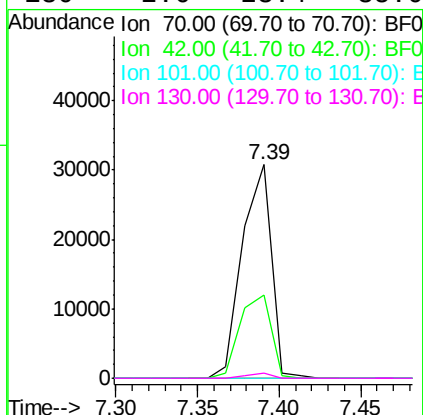
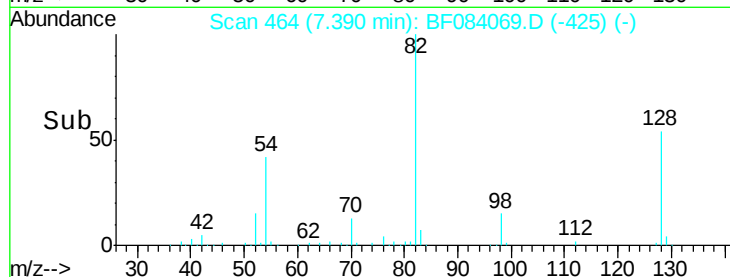
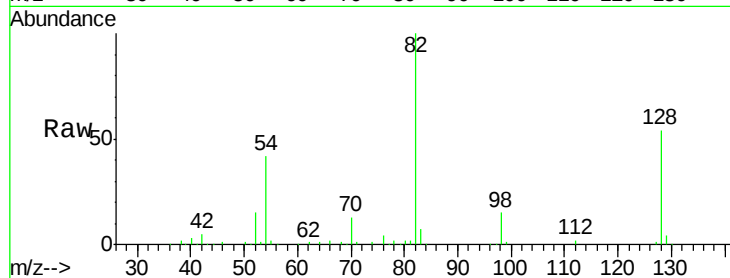
Ion Ratio Lower Upper

70 100

42 39.0 33.3 49.9

101 0.0 9.3 13.9#

130 2.6 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Tgt Ion: 136 Resp: 186548

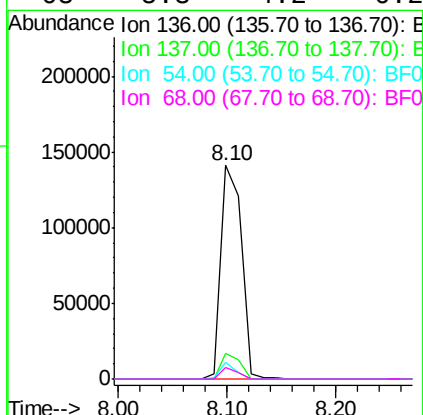
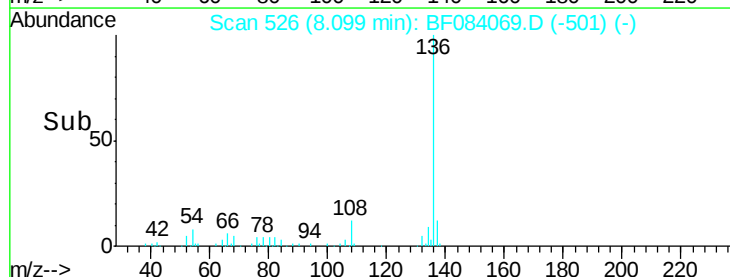
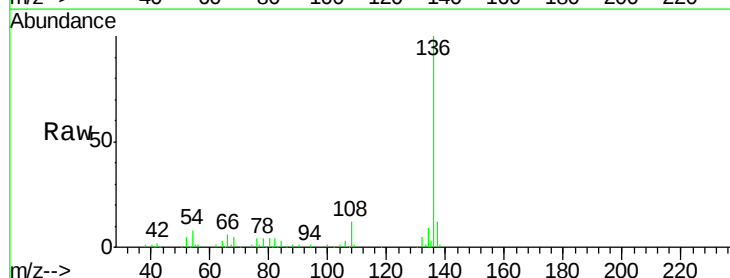
Ion Ratio Lower Upper

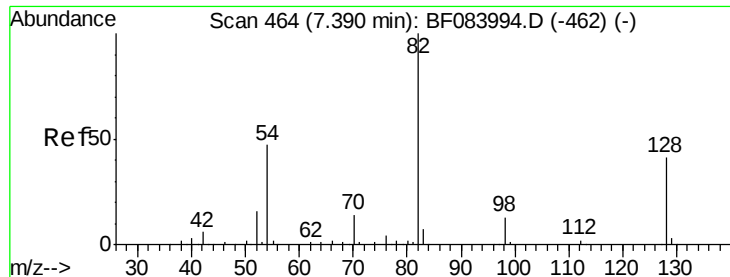
136 100

137 11.7 8.7 13.1

54 7.7 5.8 8.8

68 5.3 4.2 6.2

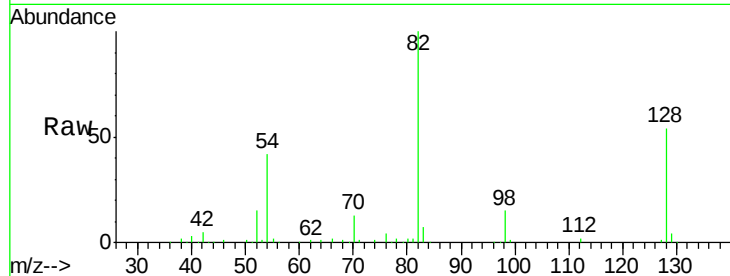




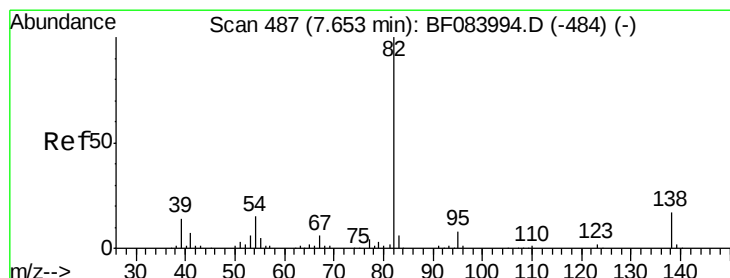
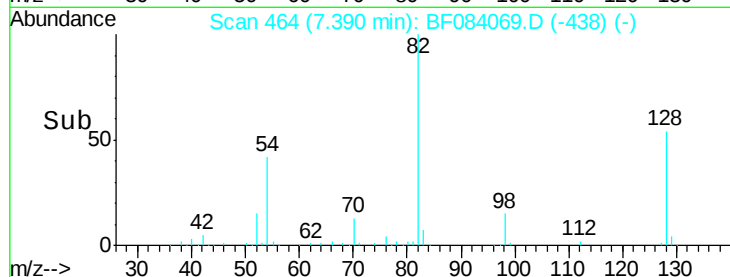
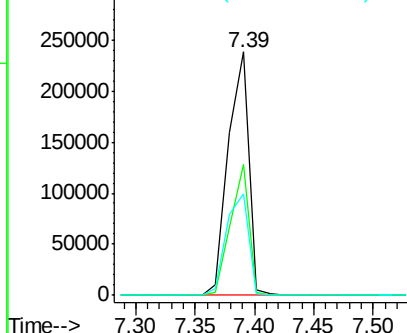
#23
 Nitrobenzene-d5
 Concen: 93.94 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	285269
Ion Ratio	100	Lower	Upper
128	53.9	34.6	51.8#
54	41.5	38.4	57.6

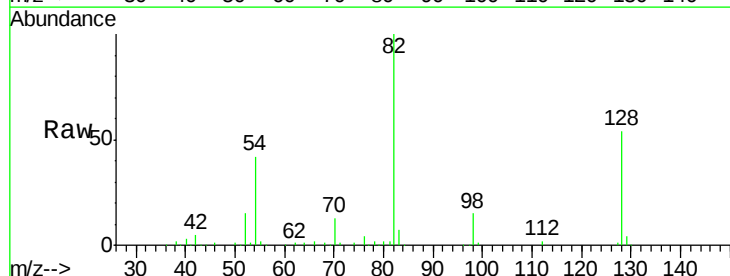


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

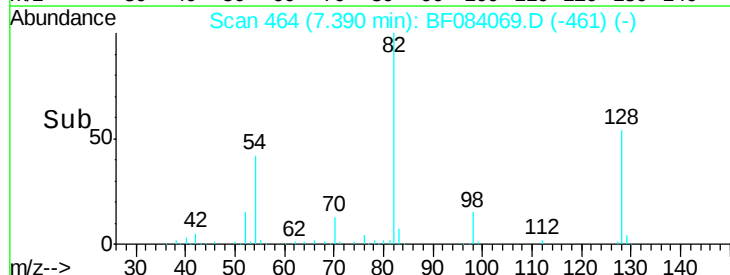
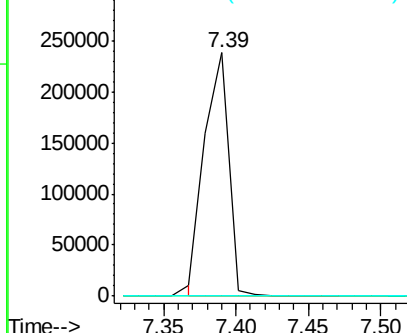


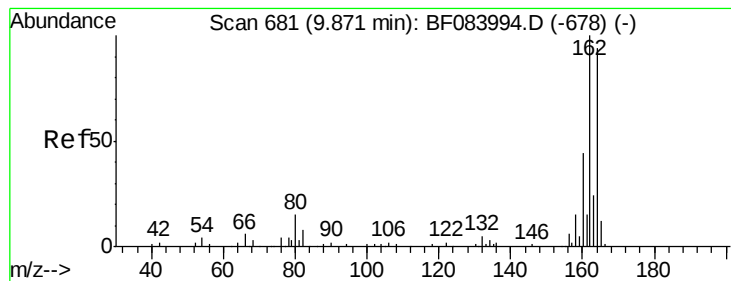
#25
 Isophorone
 Concen: 48.38 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Tgt Ion	82	Resp	278396
Ion Ratio	100	Lower	Upper
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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

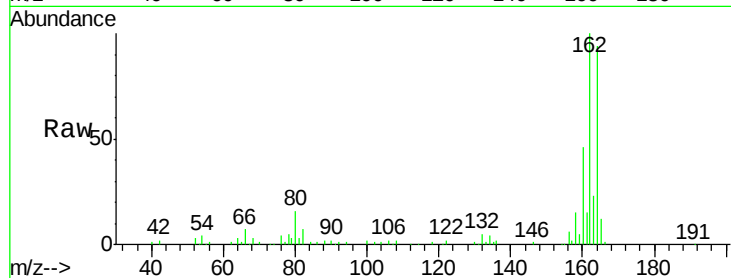
Tot Ion:164 Resp: 91787

Ion Ratio Lower Upper

164 100

162 106.4 85.1 127.7

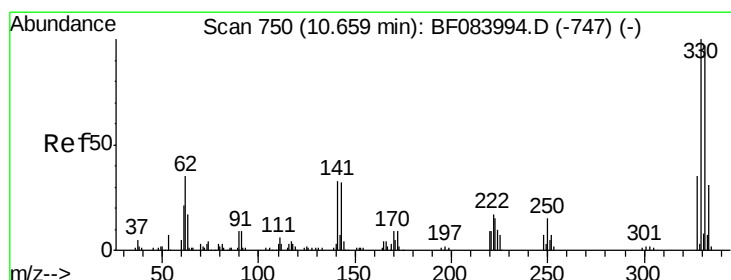
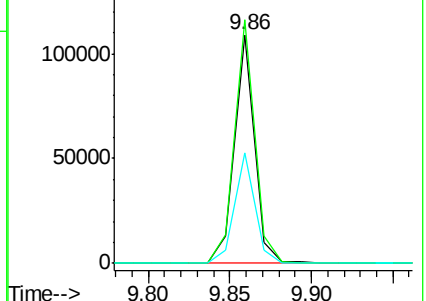
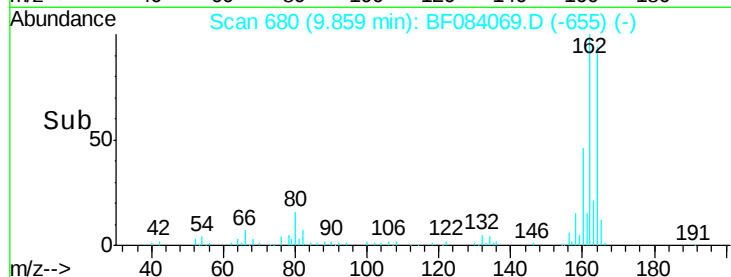
160 48.4 37.5 56.3



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: 134.45 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

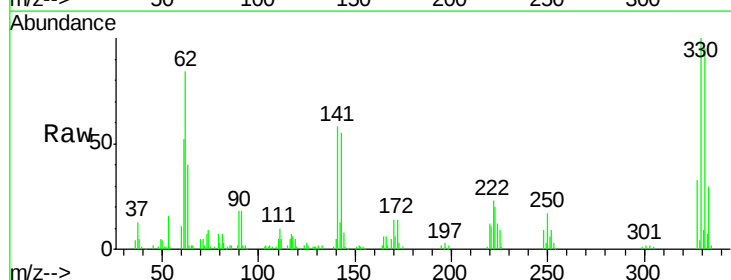
Tgt Ion:330 Resp: 118697

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

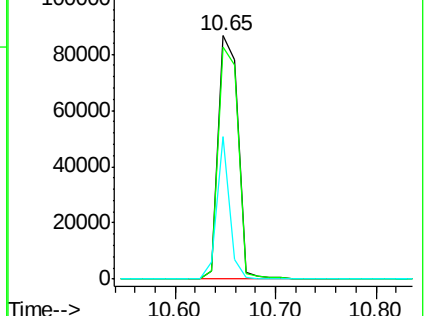
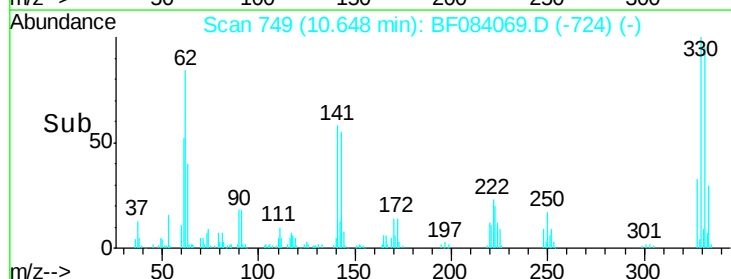
141 37.4 27.8 41.6

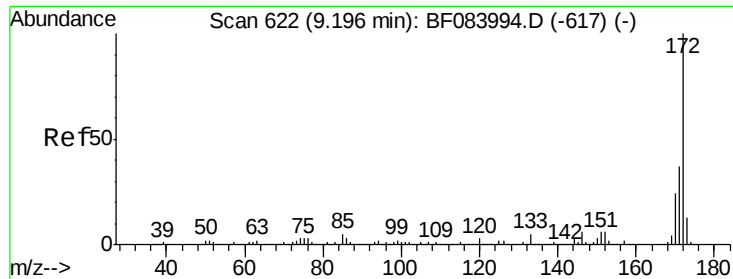


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

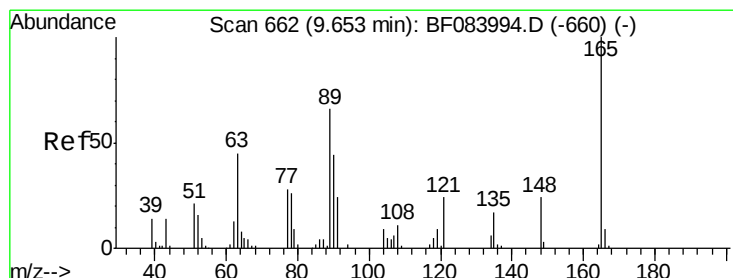
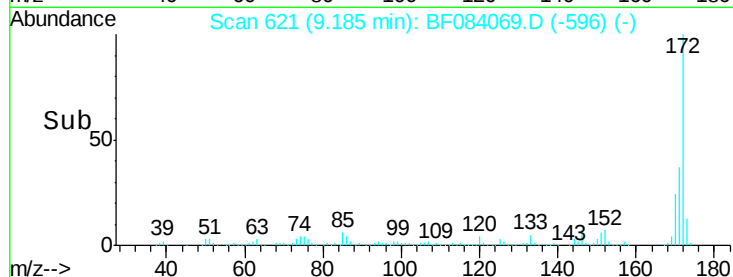
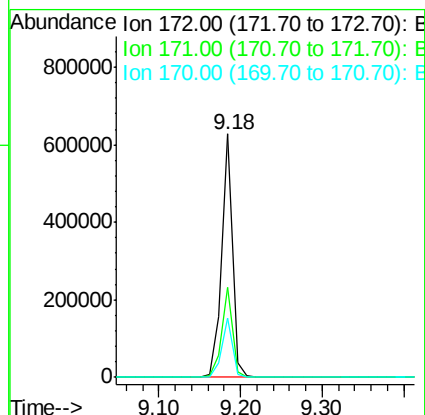
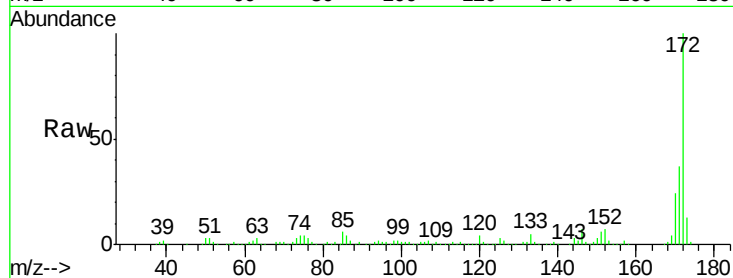




#44
 2-Fluorobiphenyl
 Concen: 85.02 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

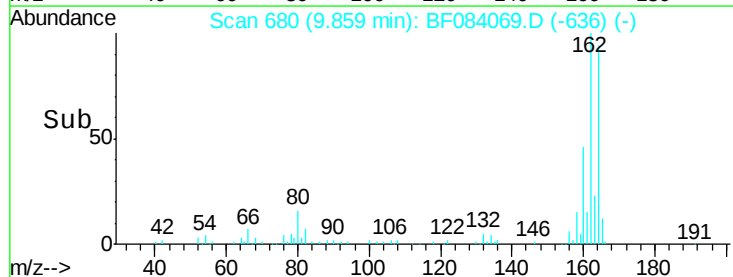
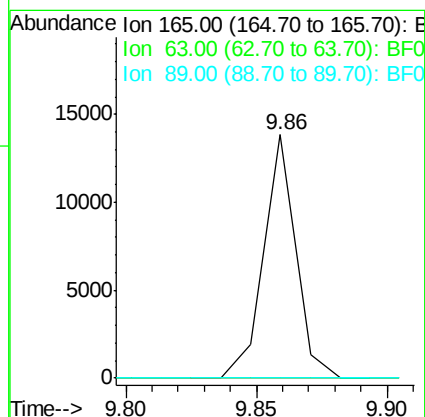
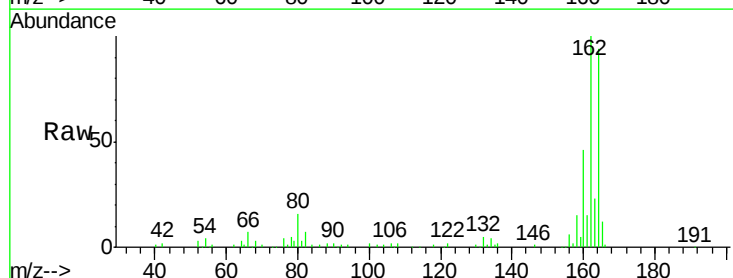
Instrument :
 BNA_F
 ClientSampleId :

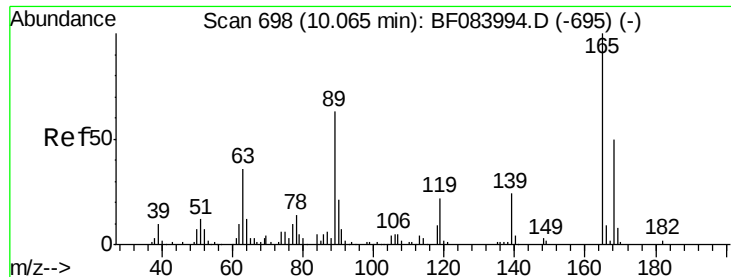
Tot Ion:172 Resp: 579842
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.2 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Tgt Ion:165 Resp: 11736
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.8 43.2#
 89 0.0 35.1 52.7#

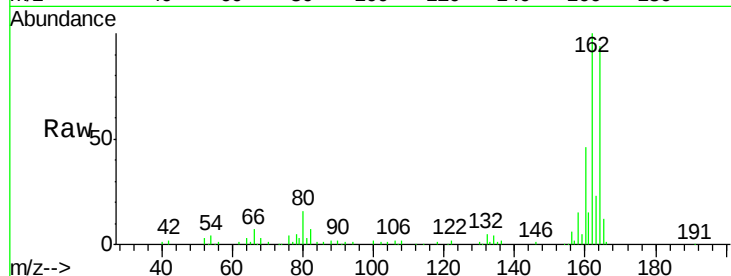




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

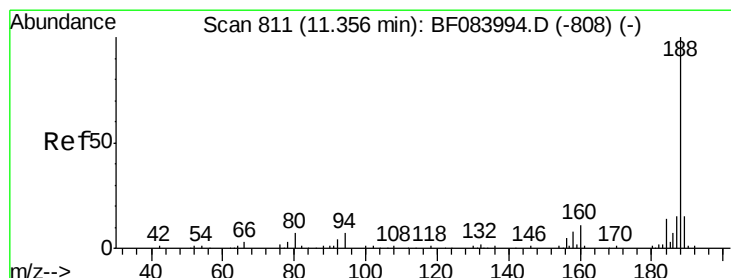
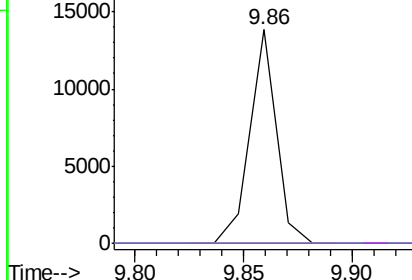
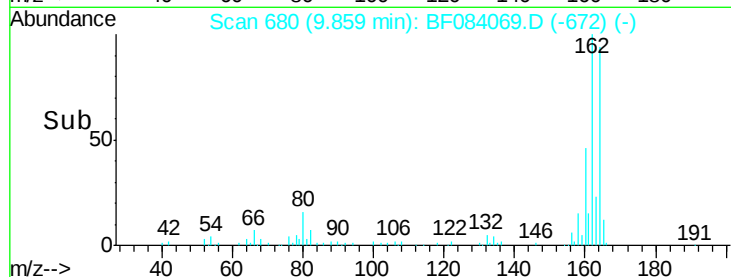


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

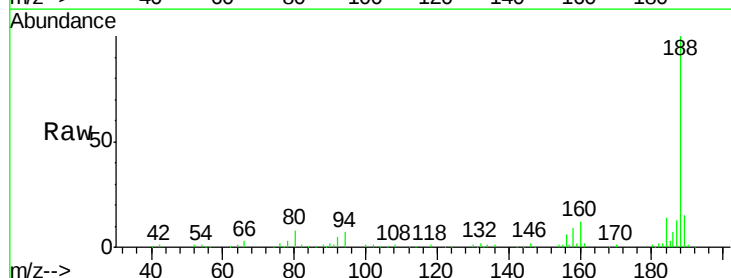
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

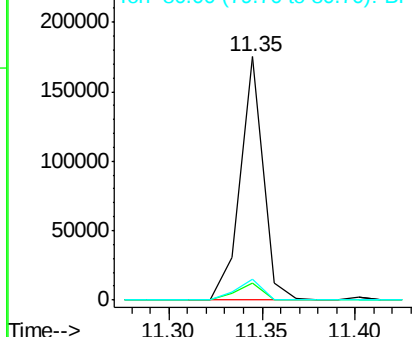
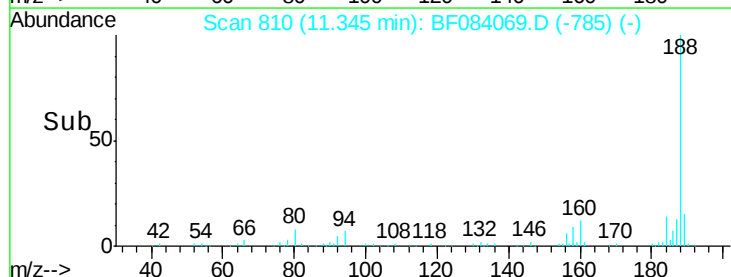
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	8.3	9.6	14.4#

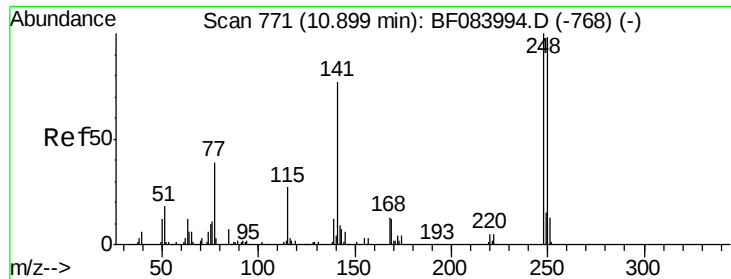


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.59 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.25 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

Instrument :

BNA_F

ClientSampleId :

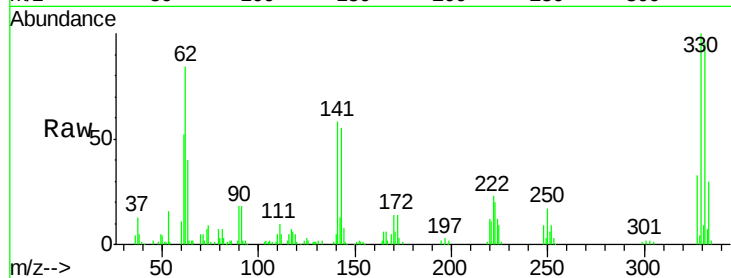
Tot Ion:248 Resp: 7950

Ion Ratio Lower Upper

248 100

250 187.3 78.4 117.6#

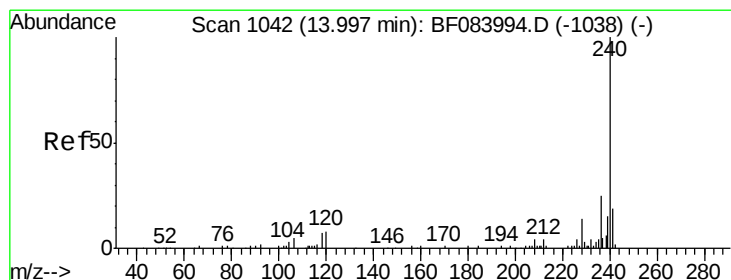
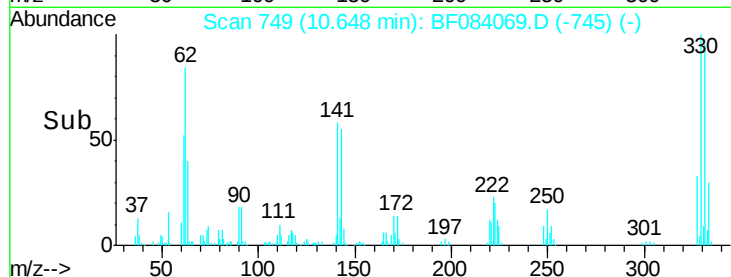
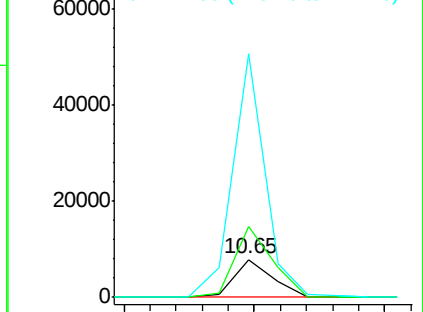
141 638.1 44.0 66.0#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084069.D

Acq: 24 Dec 2015 8:03

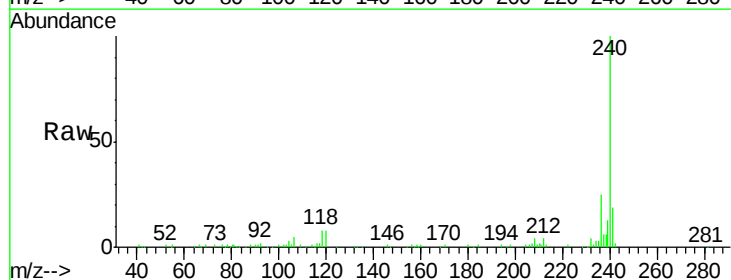
Tgt Ion:240 Resp: 95571

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

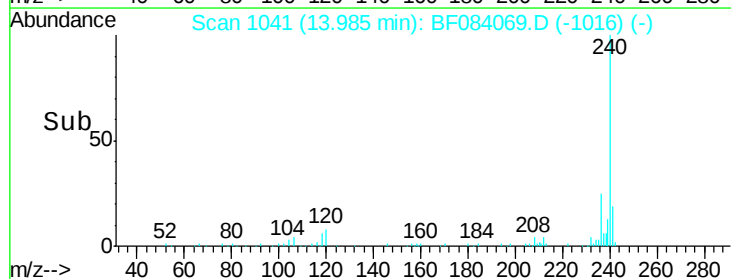
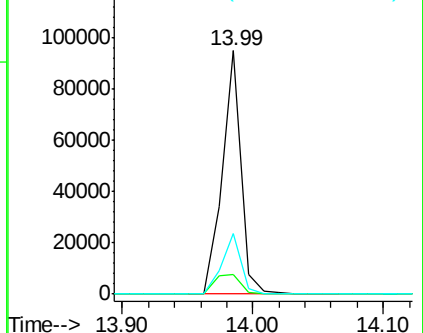
236 25.0 20.6 31.0

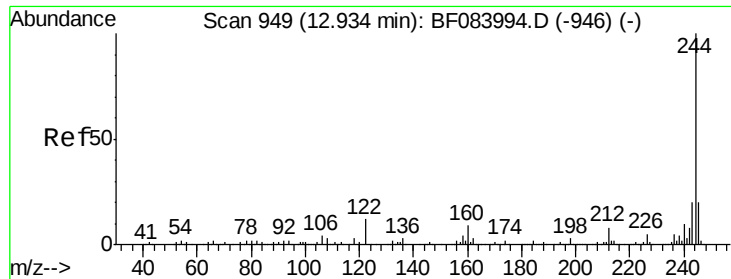


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

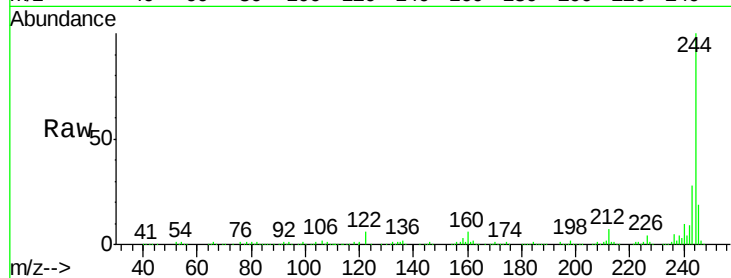




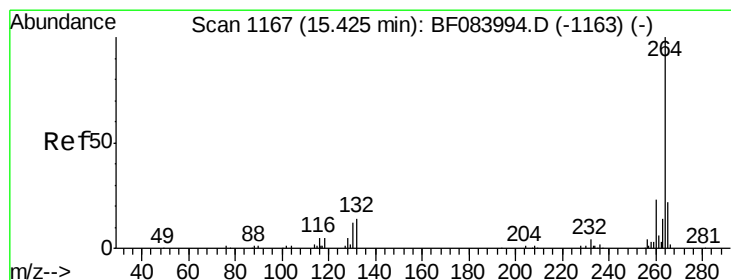
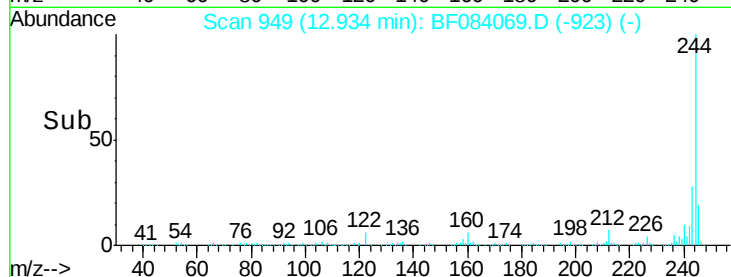
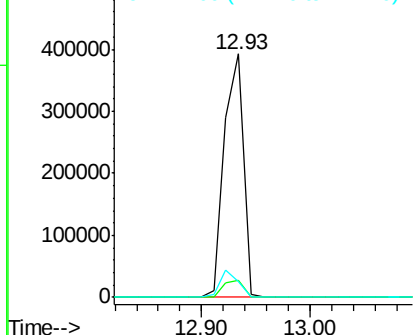
#78
 Terphenyl-d14
 Concen: 120.04 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 481050
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 6.3 7.4 11.0#

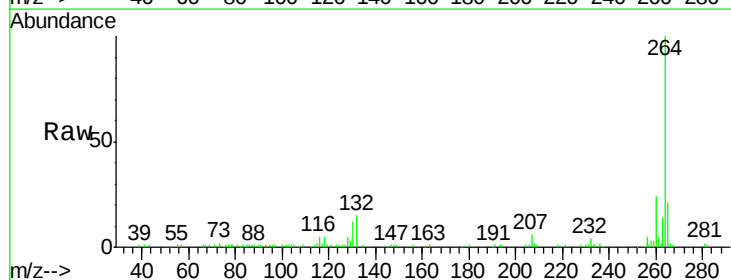


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084069.D
 Acq: 24 Dec 2015 8:03

Tgt Ion:264 Resp: 85075
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 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

