

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085350.D
 Acq On : 10 Mar 2016 23:21
 Operator : UM/SJ
 Sample : H1744-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 23:57:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

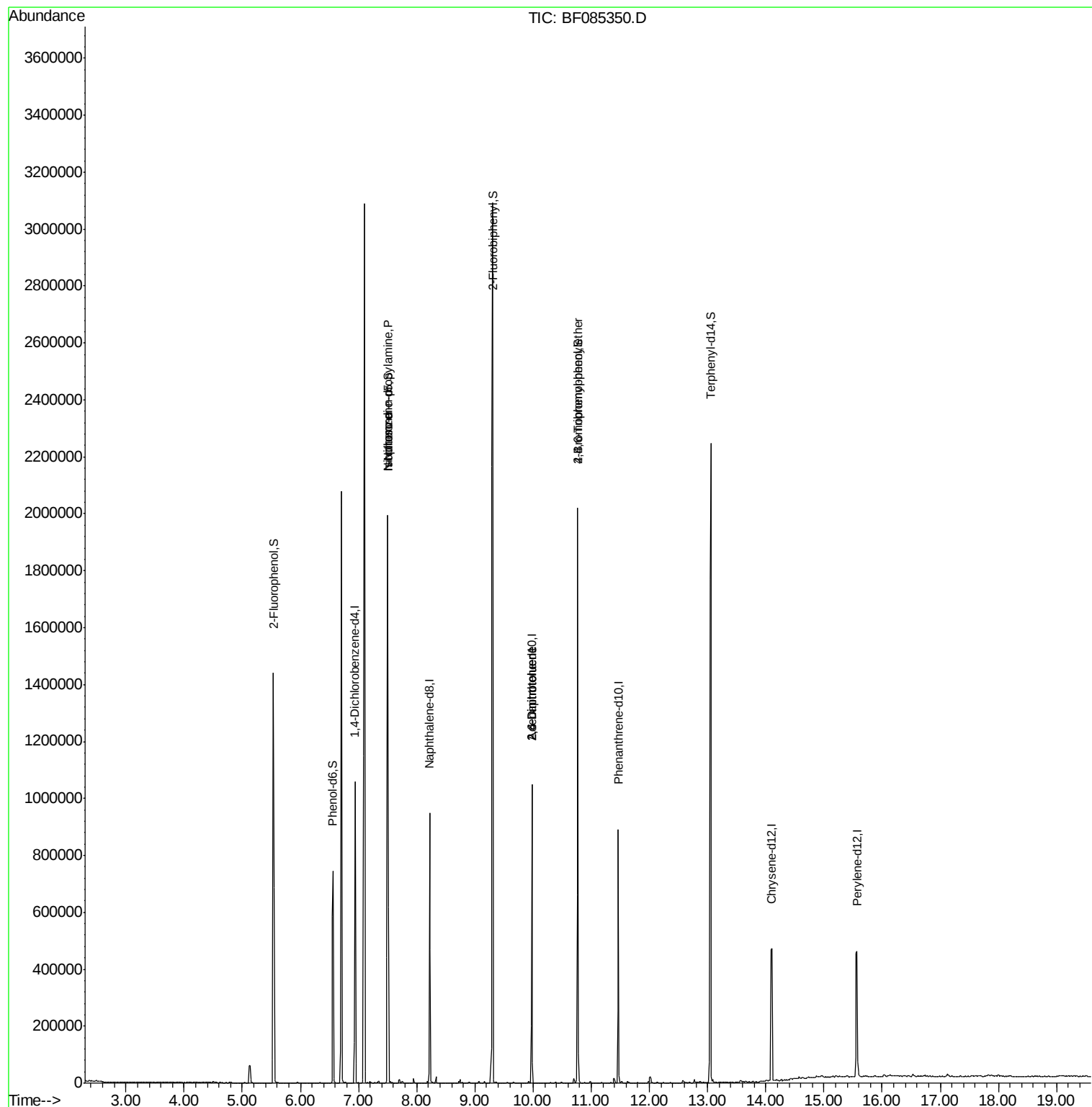
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	146386	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	504882	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	200196	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	330254	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	242075	20.00	ng	-0.05
86) Perylene-d12	15.57	264	252395	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	473875	54.30	ng	-0.05
7) Phenol-d6	6.56	99	371983	32.53	ng	-0.05
23) Nitrobenzene-d5	7.50	82	744232	78.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	248148	144.86	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1302807	98.97	ng	-0.05
78) Terphenyl-d14	13.05	244	965840	92.62	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	568	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.50	70	96923	13.01	ng	# 79
25) Isophorone	7.50	82	634307	36.28	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	25227	7.67	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	25228	6.00	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	18006	5.61	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: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Instrument :

BNA_F

ClientSampleId :

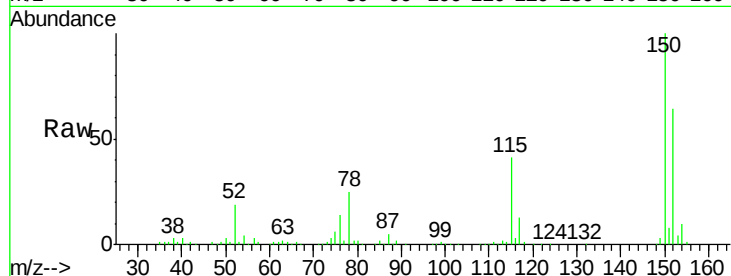
Tot Ion:152 Resp: 146386

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

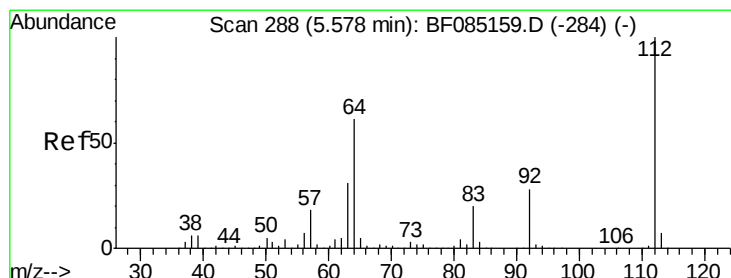
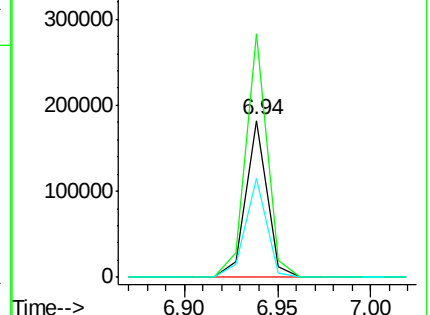
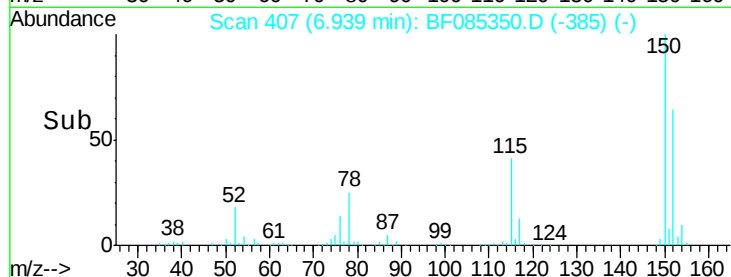
115 63.1 46.6 70.0



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: 54.30 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

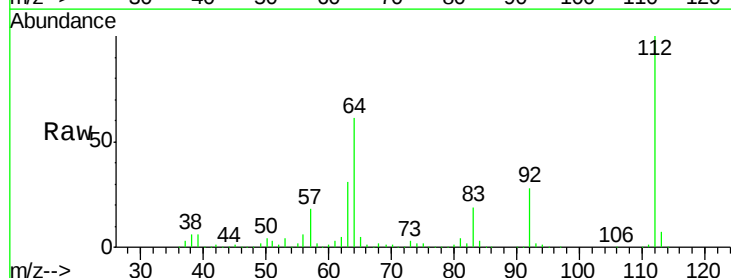
Tgt Ion:112 Resp: 473875

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.4

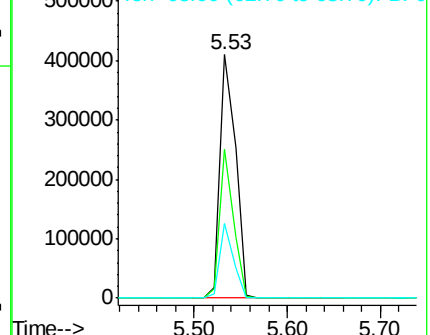
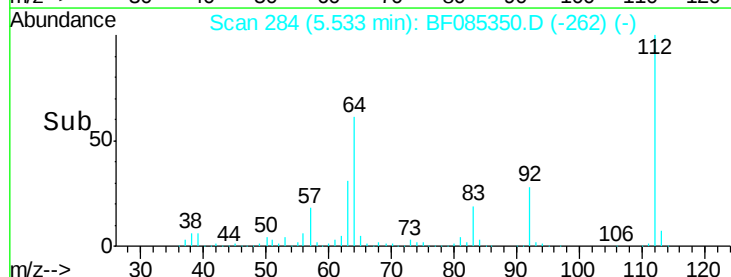
63 30.6 24.8 37.2

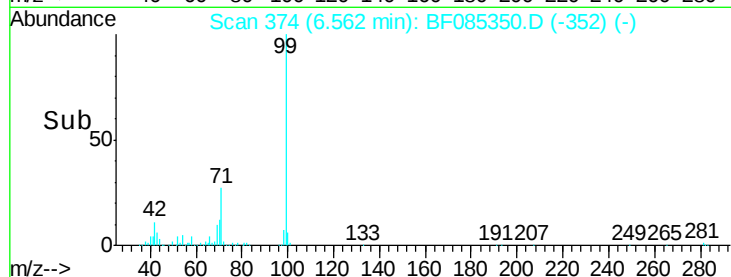
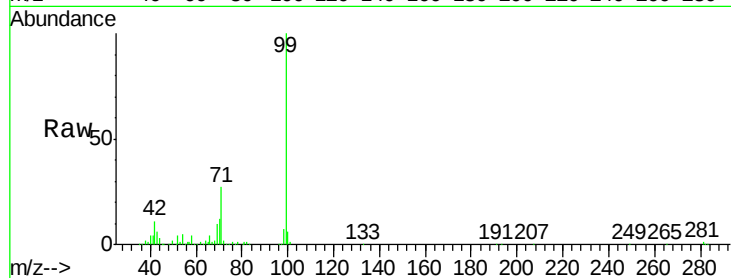
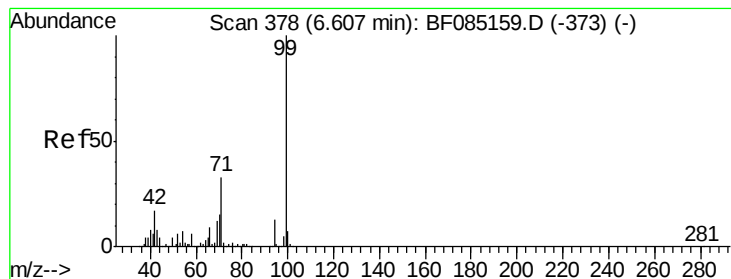


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.53 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Instrument :

BNA_F

ClientSampleId :

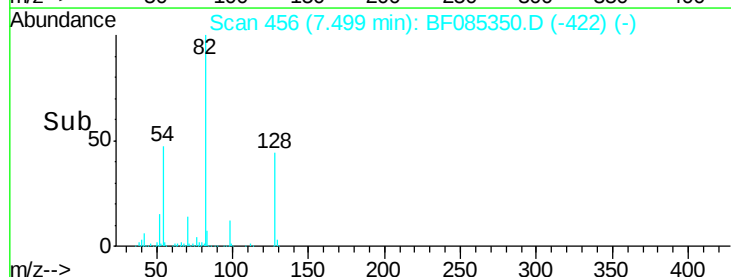
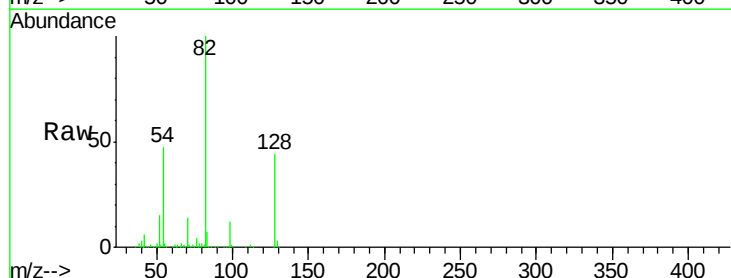
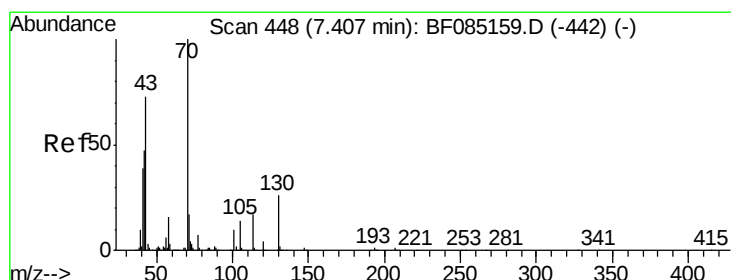
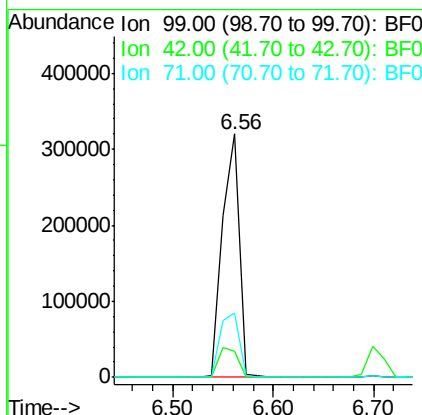
Tot Ion: 99 Resp: 371983

Ion Ratio Lower Upper

99 100

42 10.9 13.6 20.4#

71 26.6 26.7 40.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.01 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Tgt Ion: 70 Resp: 96923

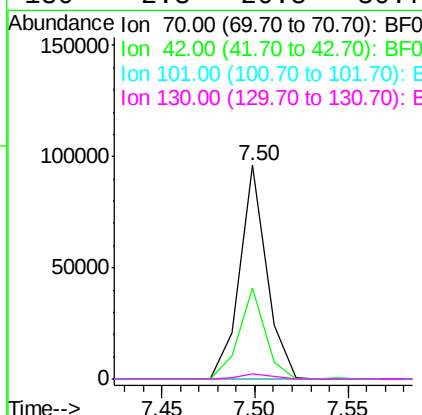
Ion Ratio Lower Upper

70 100

42 42.6 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 504882

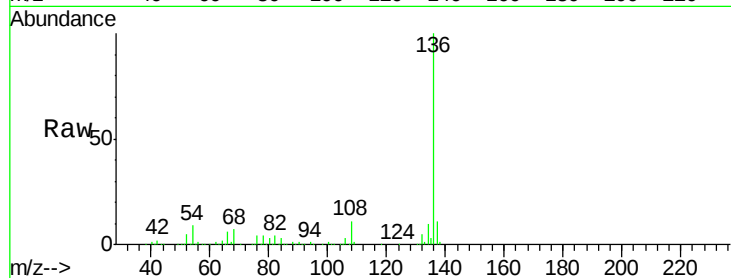
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 9.0 7.4 11.2

68 7.1 6.0 9.0

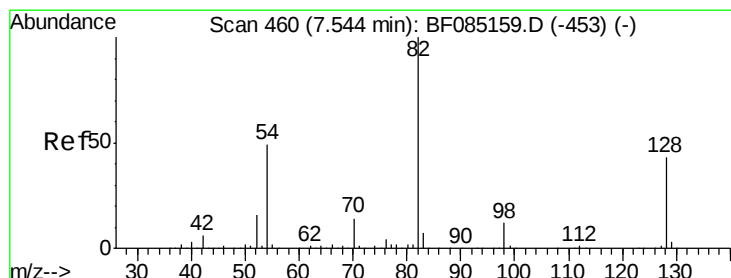
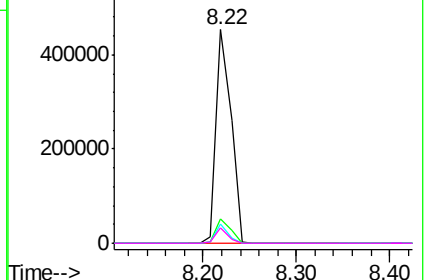
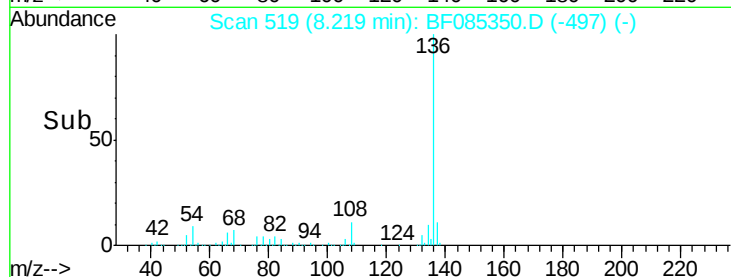


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.88 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

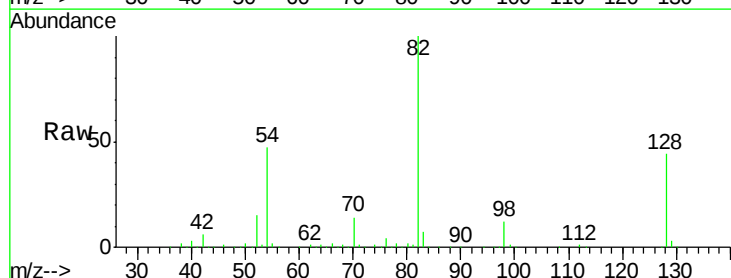
Tgt Ion: 82 Resp: 744232

Ion Ratio Lower Upper

82 100

128 43.7 34.5 51.7

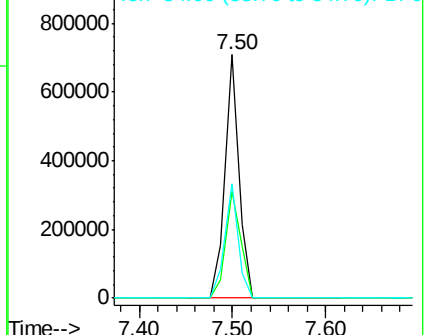
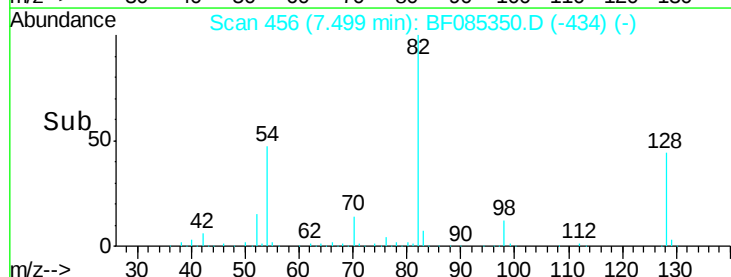
54 47.1 39.3 58.9

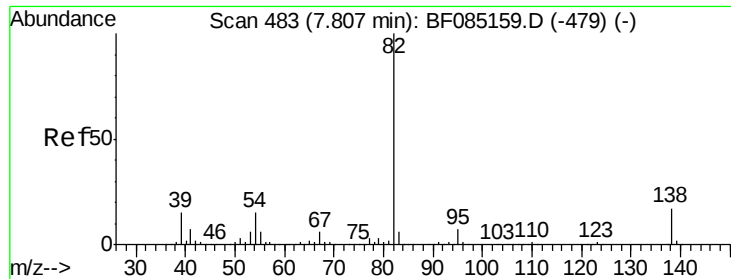


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.28 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Instrument :

BNA_F

ClientSampled :

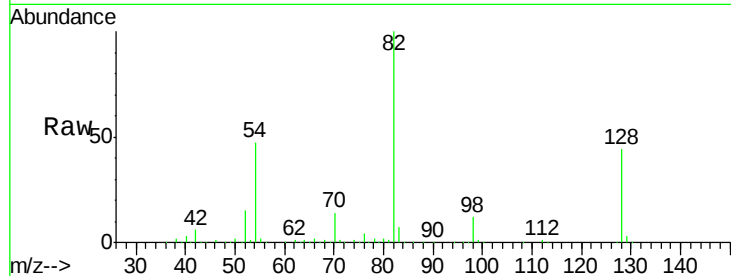
Tot Ion: 82 Resp: 634307

Ion Ratio Lower Upper

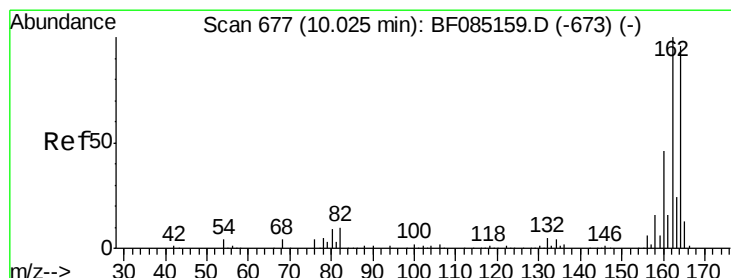
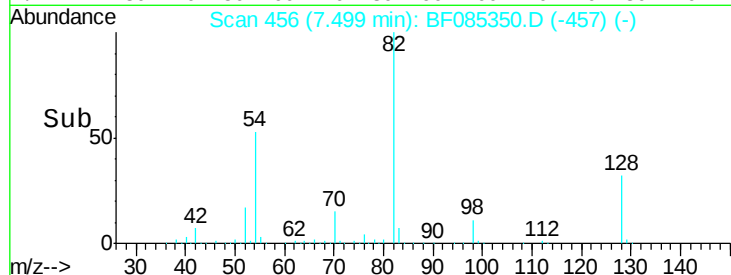
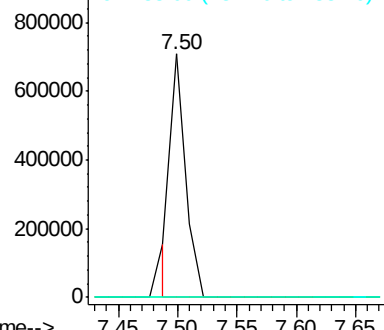
82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



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: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

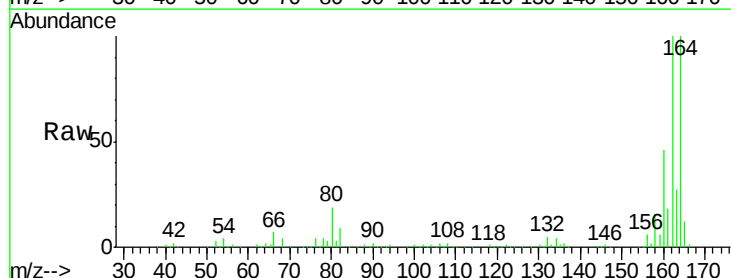
Tgt Ion: 164 Resp: 200196

Ion Ratio Lower Upper

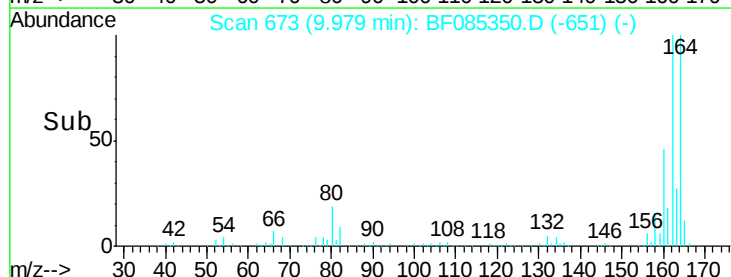
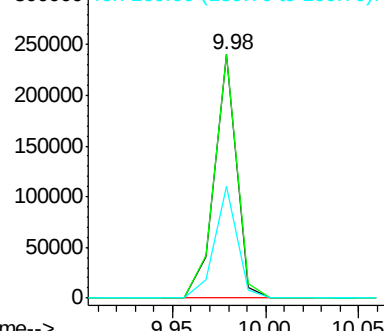
164 100

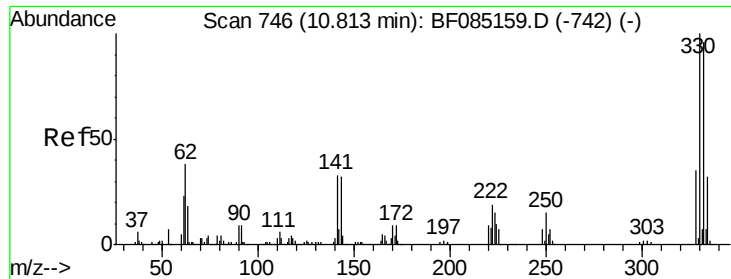
162 100.0 83.3 124.9

160 45.9 37.9 56.9



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

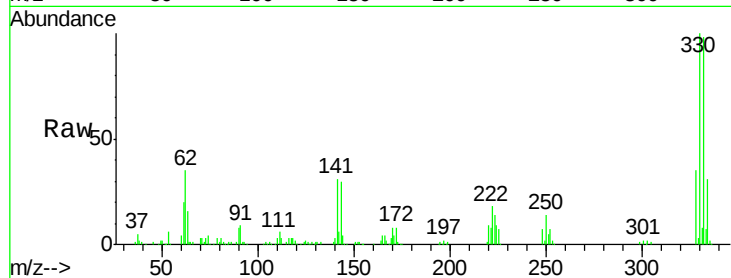




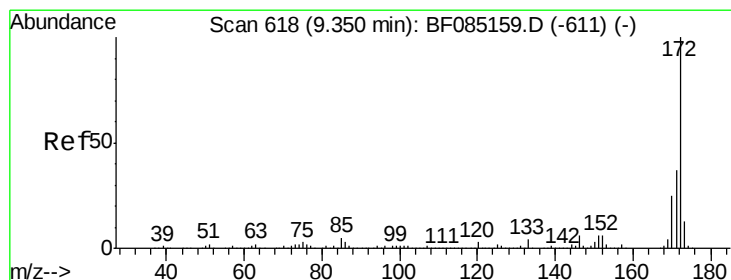
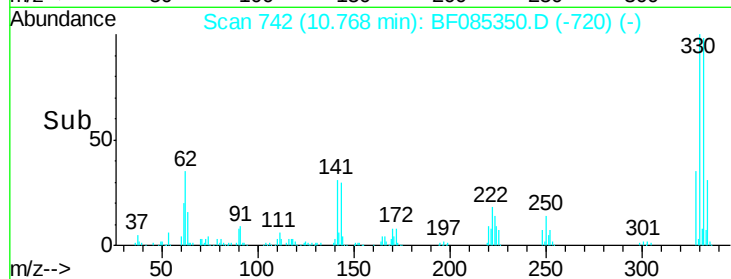
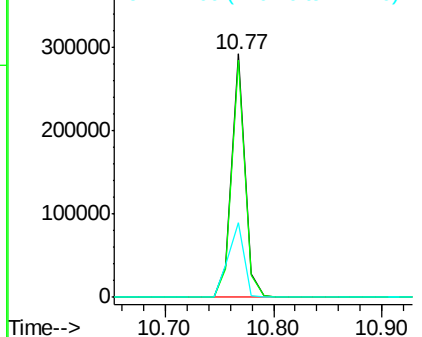
#41
 2,4,6-Tribromophenol
 Concen: 144.86 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085350.D
 Acq: 10 Mar 2016 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	36.7	35.0	52.6

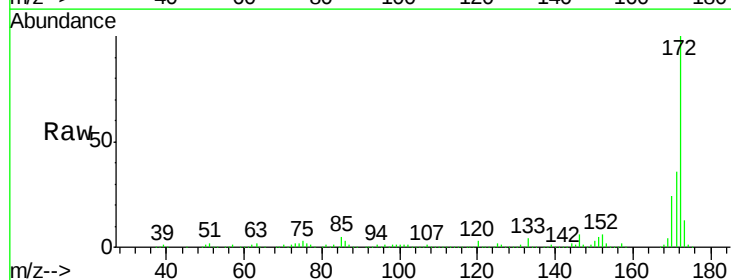


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

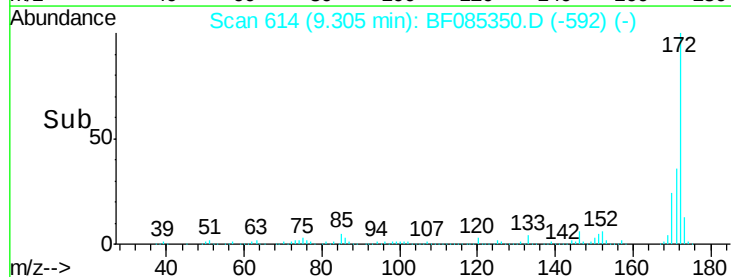
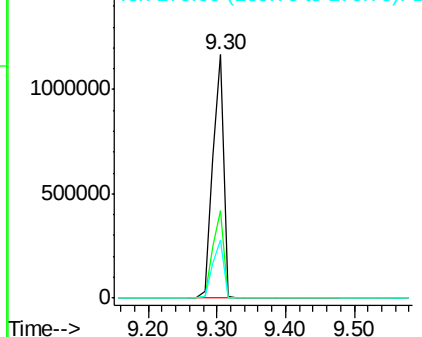


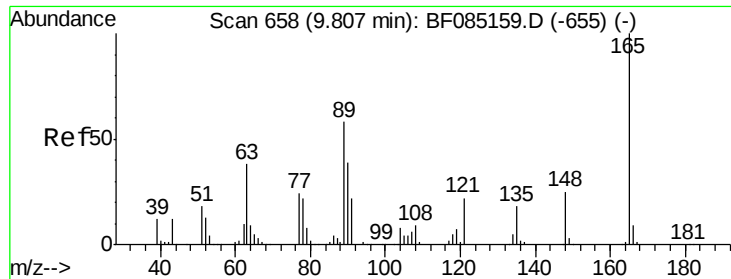
#44
 2-Fluorobiphenyl
 Concen: 98.97 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085350.D
 Acq: 10 Mar 2016 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.0	20.0	30.0



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





#50

2,6-Dinitrotoluene

Concen: 7.67 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.17 min

Lab File: BF085350.D

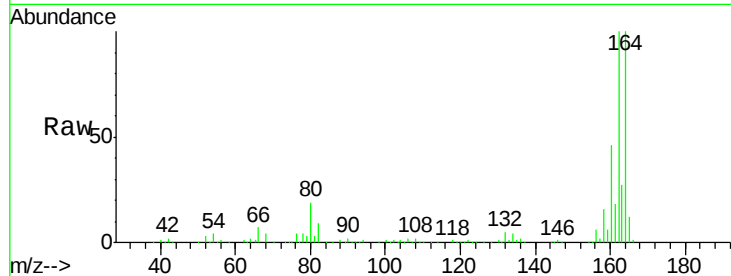
Acq: 10 Mar 2016 23:21

Instrument :

BNA_F

ClientSampleId :

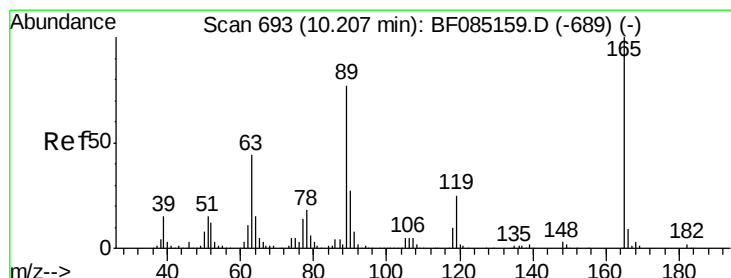
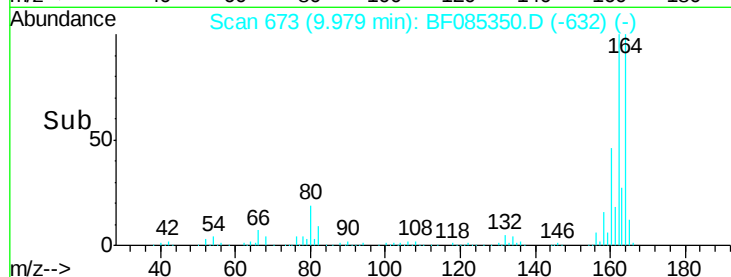
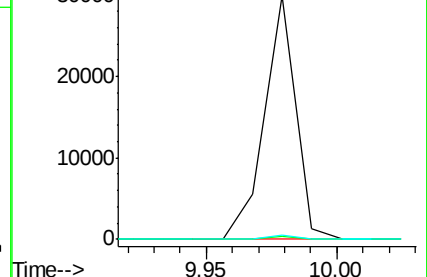
Tot Ion:165	Resp:	25227
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.8 62.8#
89	1.6	46.7 70.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.00 ng

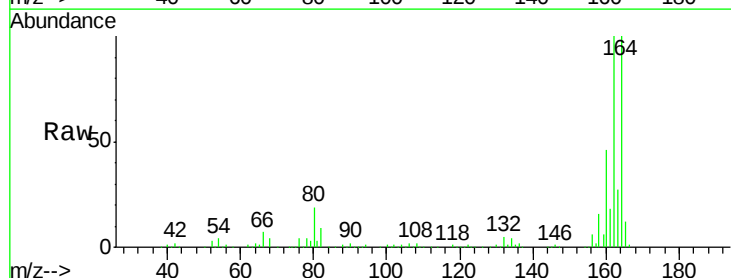
RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Tgt Ion:165	Resp:	25228
Ion Ratio	Lower	Upper
165	100	
63	1.1	35.4 53.0#
89	1.6	61.9 92.9#
182	0.0	1.9 2.9#

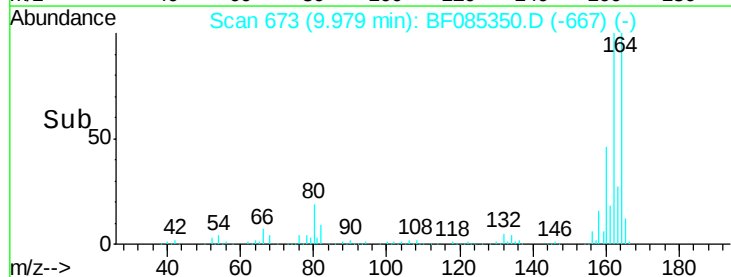
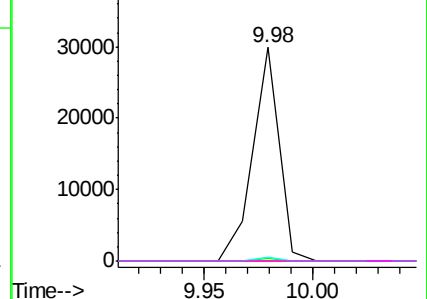


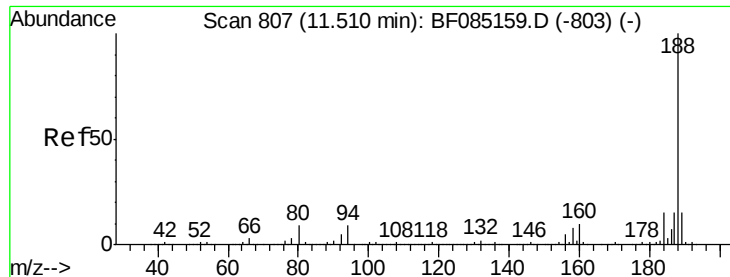
Abundance Ion 165.00 (164.70 to 165.70): E

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

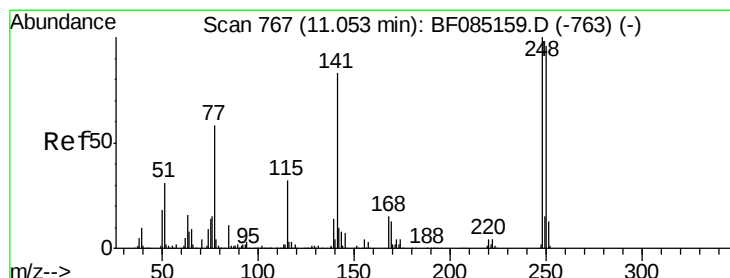
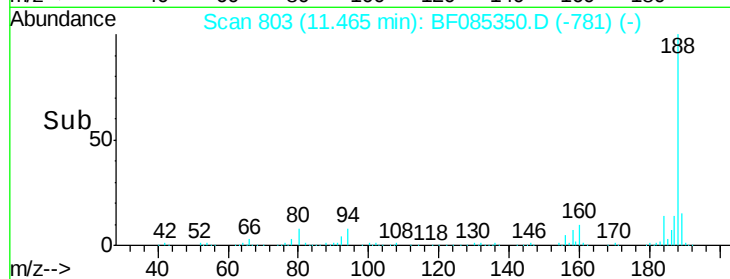
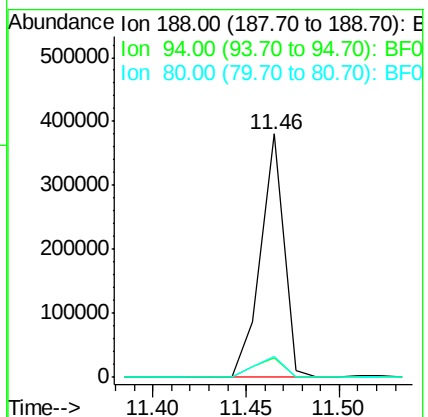
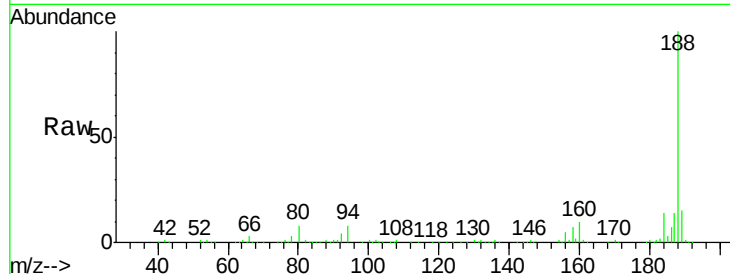




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

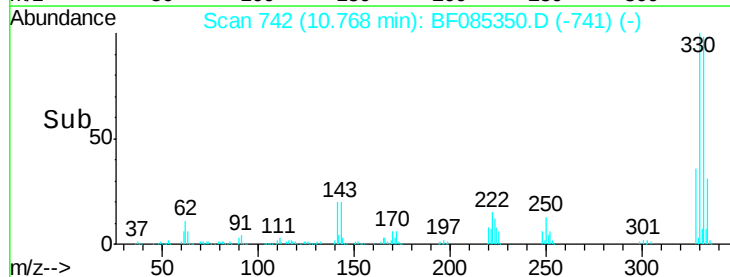
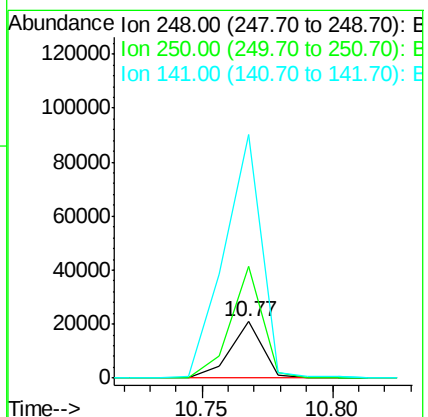
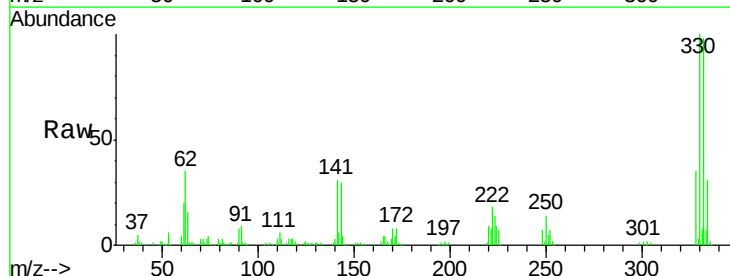
Instrument :
BNA_F
ClientSampleId :

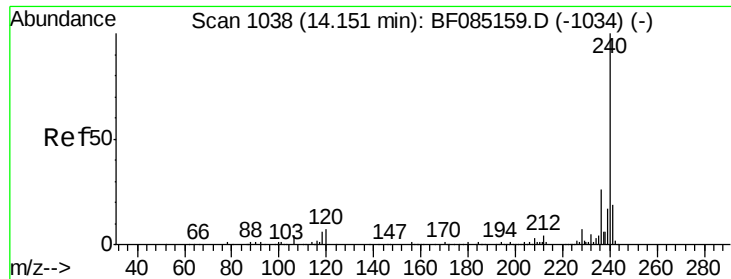
Tot Ion:188 Resp: 330254
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.4 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.61 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:248 Resp: 18006
Ion Ratio Lower Upper
248 100
250 197.7 77.1 115.7#
141 432.1 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

Instrument :

BNA_F

ClientSampled :

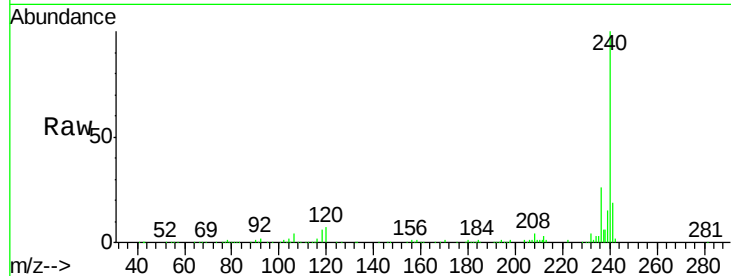
Tot Ion:240 Resp: 242075

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

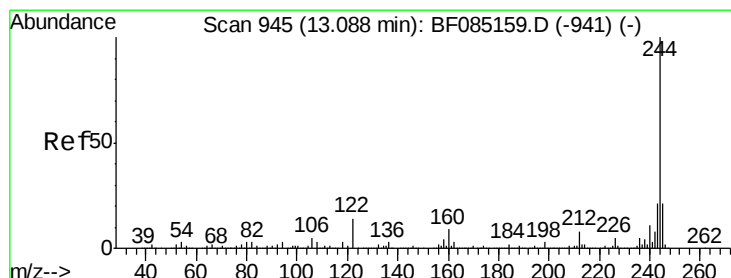
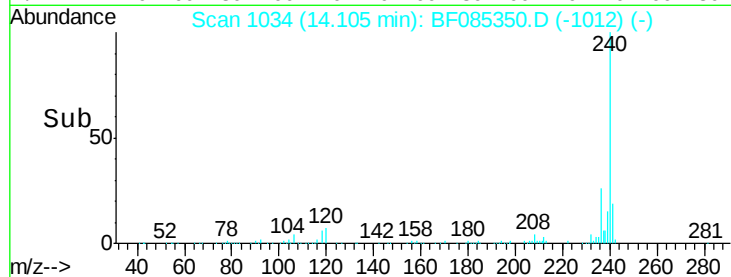
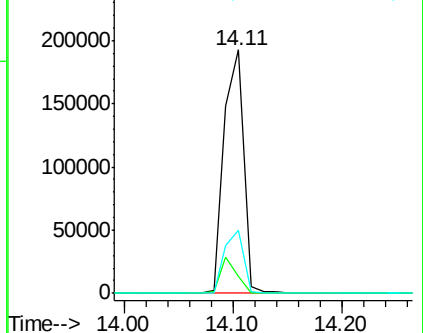
236 26.1 20.7 31.1



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: 92.62 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085350.D

Acq: 10 Mar 2016 23:21

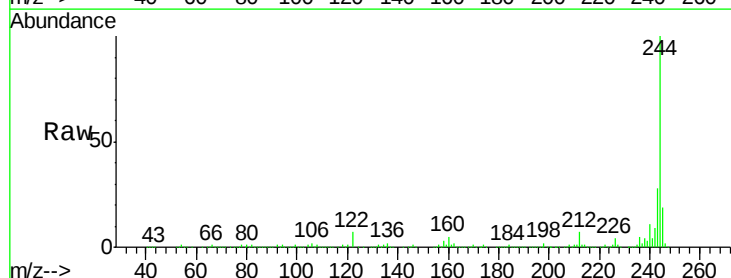
Tgt Ion:244 Resp: 965840

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

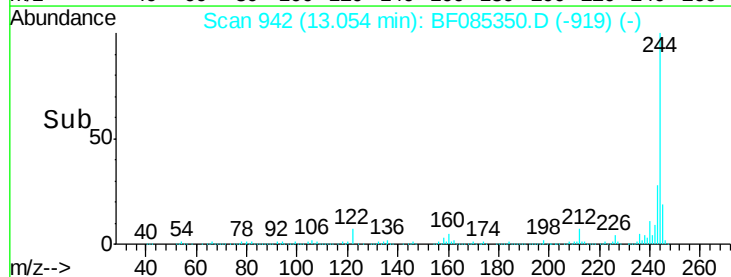
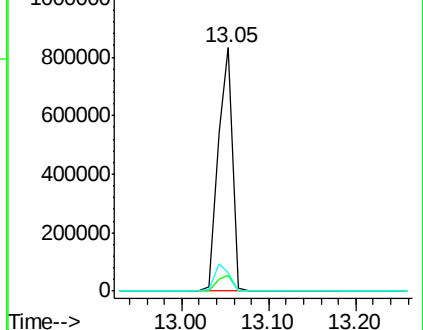
122 7.5 11.4 17.2#

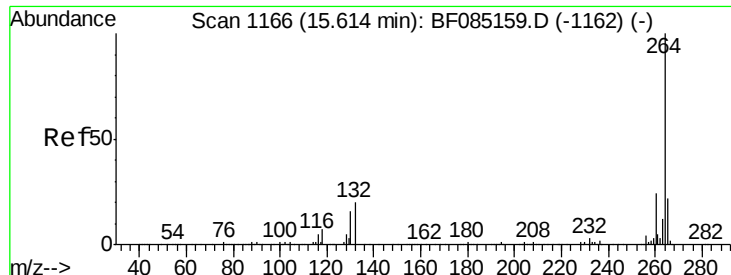


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

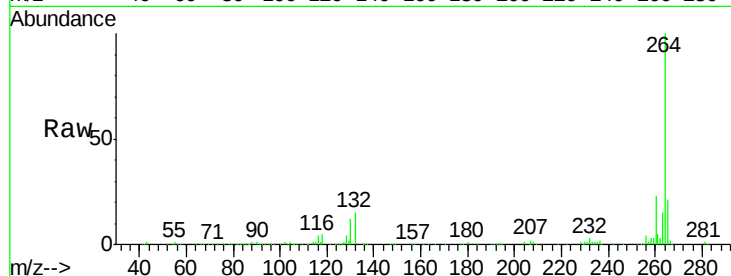




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.3	25.9



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

