

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085365.D
 Acq On : 11 Mar 2016 6:31
 Operator : UM/SJ
 Sample : H1731-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 06:55:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

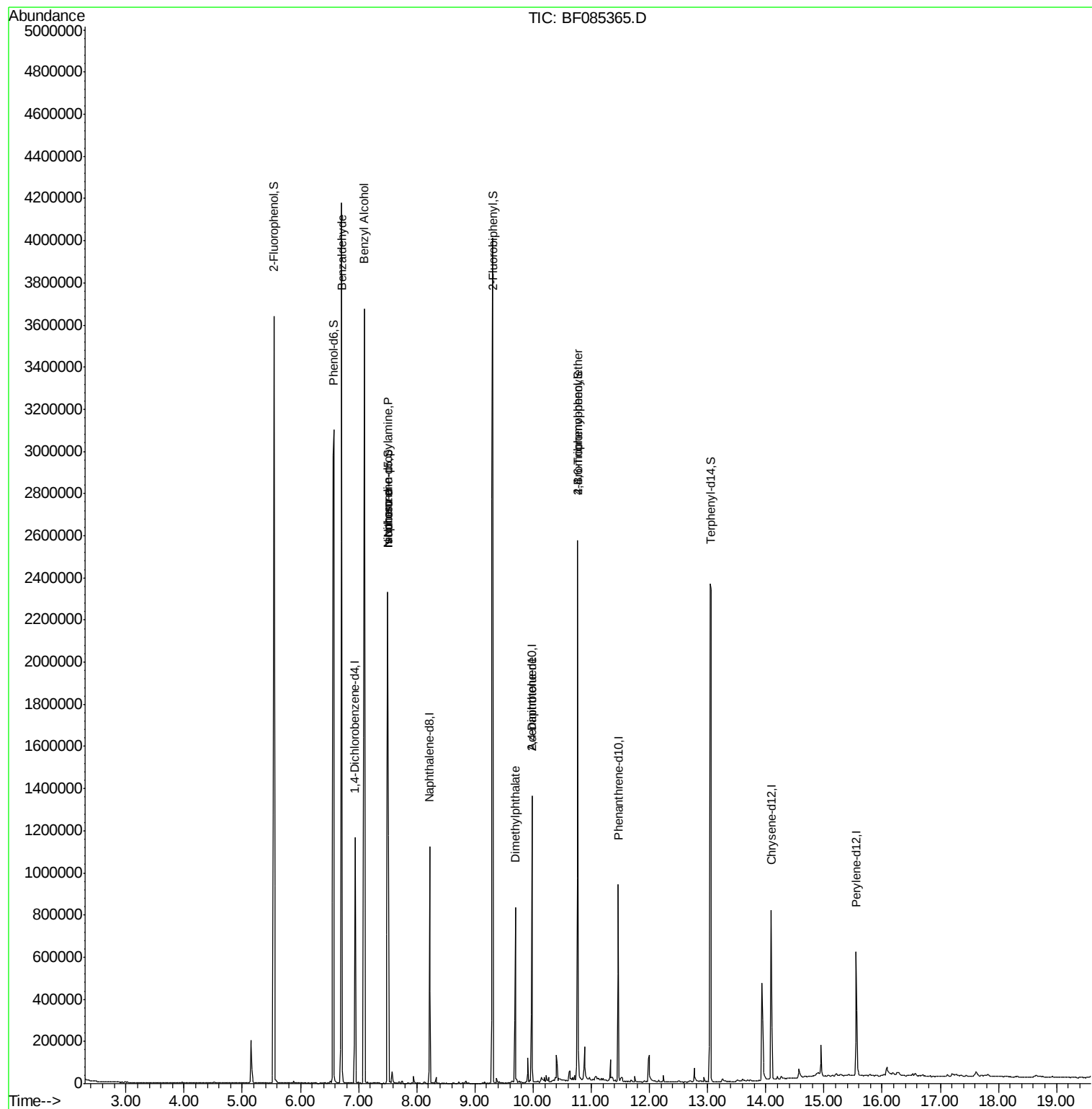
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	160132	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	552145	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	258432	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	401239	20.00	ng	0.00
75) Chrysene-d12	14.09	240	272734	20.00	ng	-0.01
86) Perylene-d12	15.56	264	268286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1243017	130.21	ng	0.00
7) Phenol-d6	6.57	99	1852434	148.11	ng	0.00
23) Nitrobenzene-d5	7.50	82	1023801	99.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	297814	134.68	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1648787	97.03	ng	0.00
78) Terphenyl-d14	13.05	244	1103027	93.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	32227	2.60	ng	Qvalue 86
15) Benzyl Alcohol	7.10	79	18506	2.02	ng	# 41
19) n-Nitroso-di-n-propylamine	7.50	70	133689	16.40	ng	# 79
25) Isophorone	7.50	82	1017588	53.22	ng	# 67
49) Dimethylphthalate	9.69	163	358058	18.05	ng	98
56) 2,4-Dinitrotoluene	9.98	165	32501	5.98	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	22237	5.71	ng	# 1

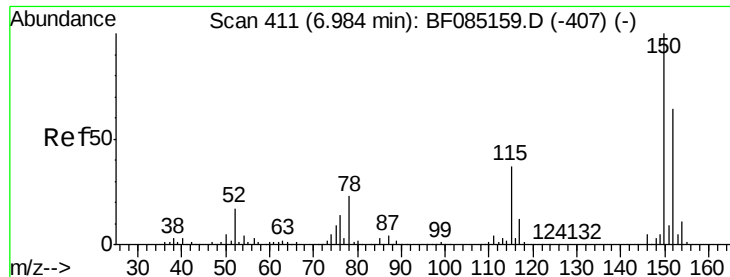
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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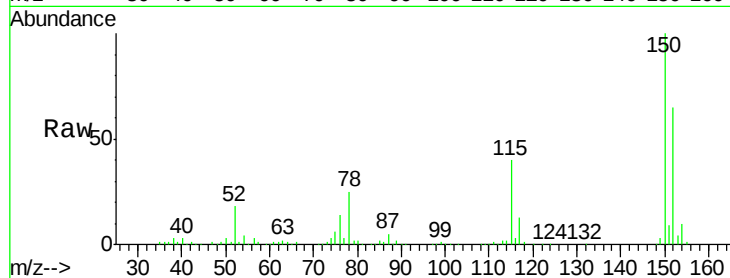


#1

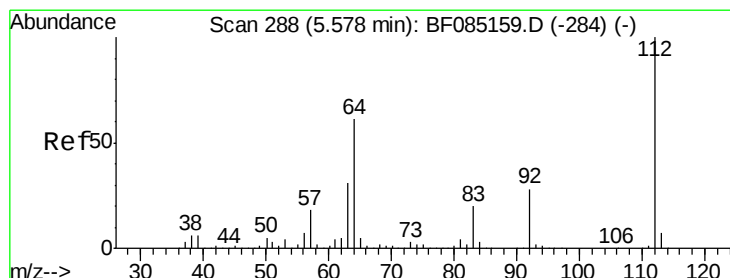
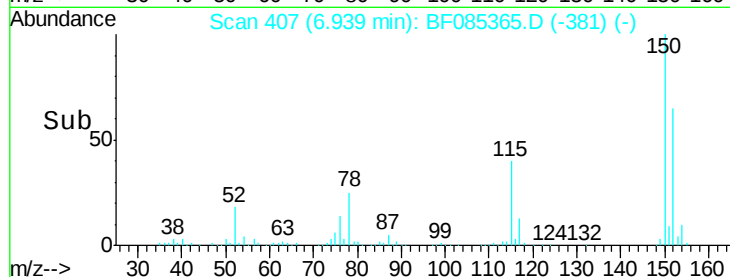
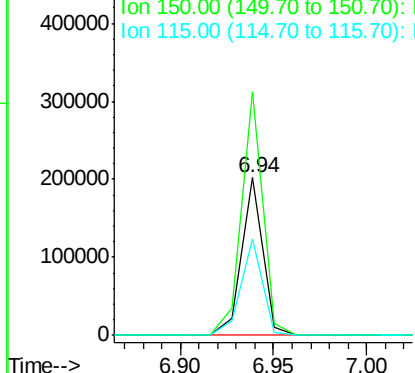
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085365.D
Acq: 11 Mar 2016 6:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.3	46.6	70.0



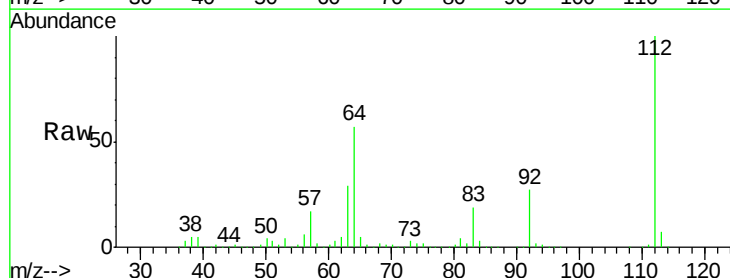
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



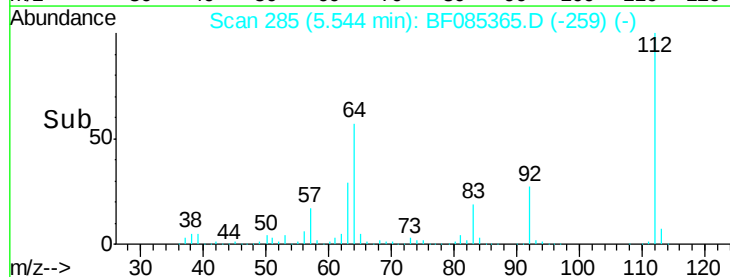
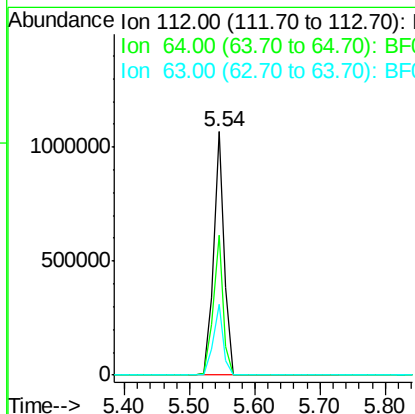
#5

2-Fluorophenol
Concen: 130.21 ng
RT: 5.54 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF085365.D
Acq: 11 Mar 2016 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.0	73.4
63	29.2	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: 148.11 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

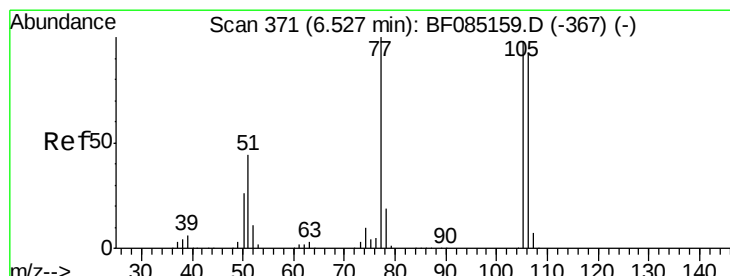
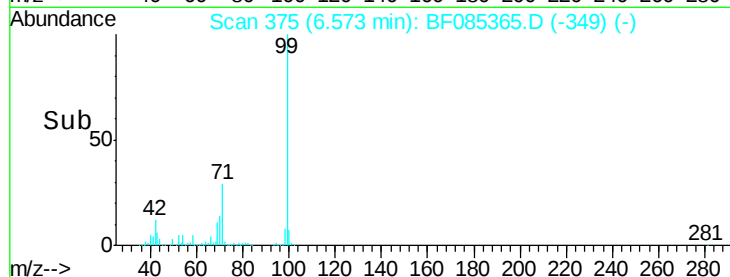
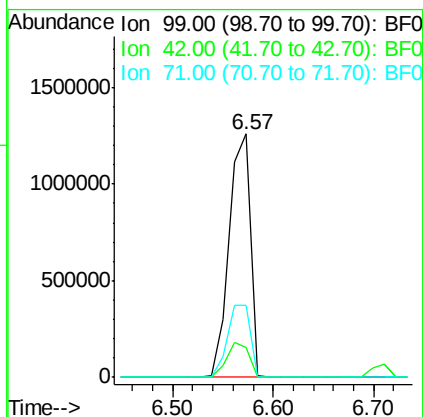
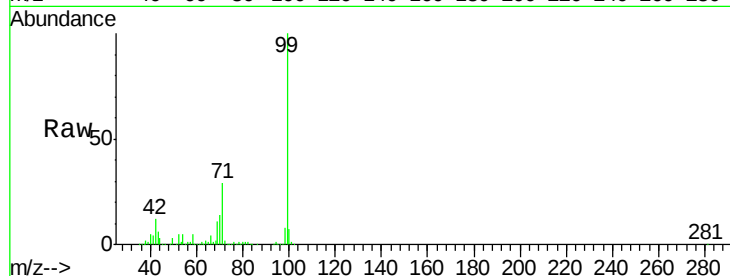
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1852434

Ion	Ratio	Lower	Upper
99	100		
42	12.4	13.6	20.4#
71	29.4	26.7	40.1



#9

Benzaldehyde

Concen: 2.60 ng

RT: 6.71 min Scan# 387

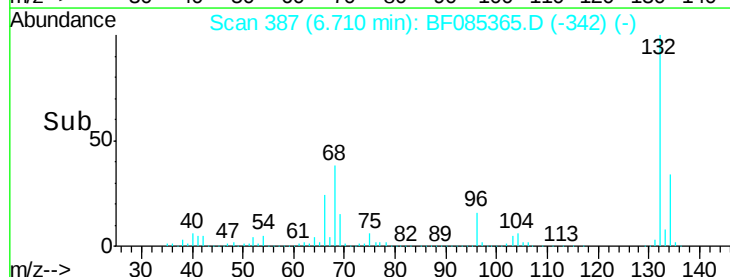
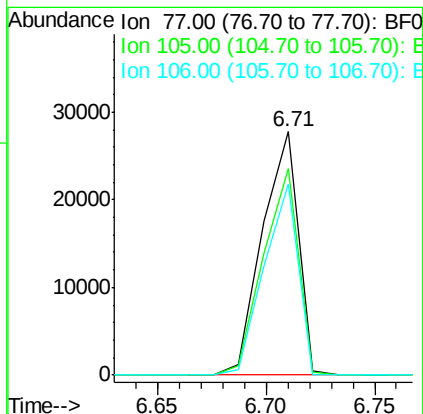
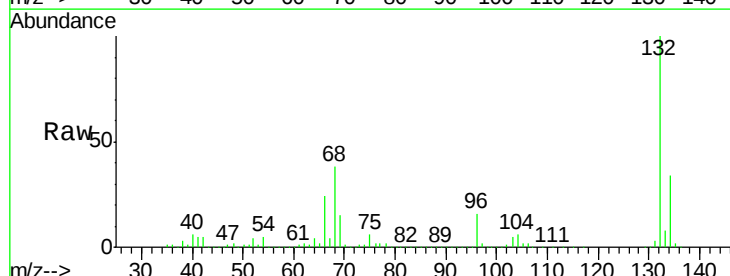
Delta R.T. 0.22 min

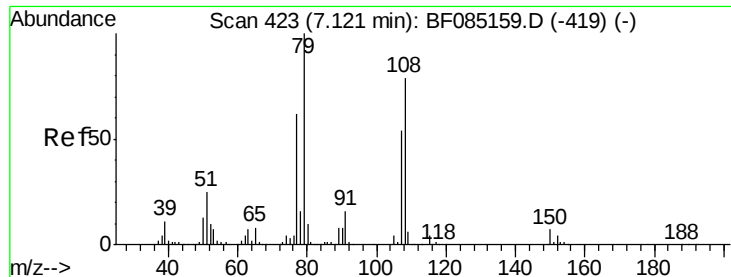
Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Tgt Ion: 77 Resp: 32227

Ion	Ratio	Lower	Upper
77	100		
105	84.7	78.2	118.2
106	78.7	72.9	112.9





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.10 min Scan# 421

Delta R.T. 0.02 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Instrument :

BNA_F

ClientSampled :

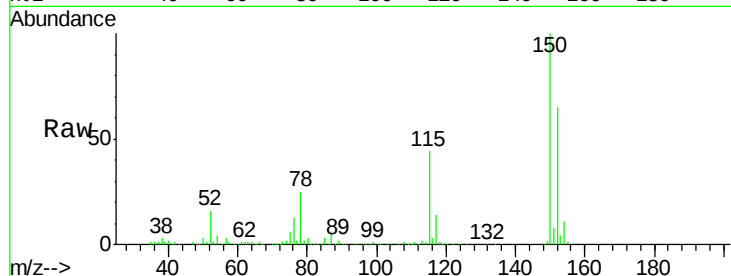
Tot Ion: 79 Resp: 18506

Ion Ratio Lower Upper

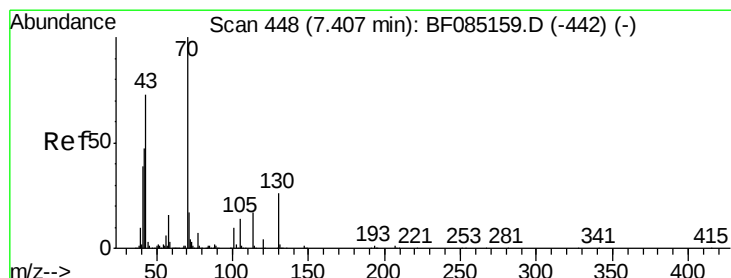
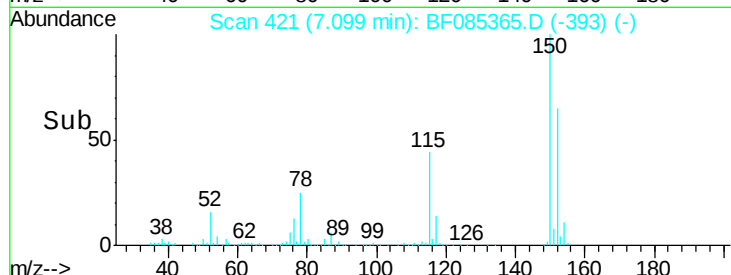
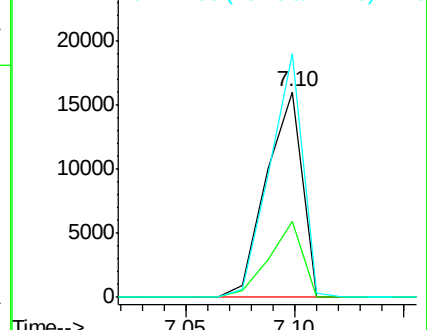
79 100

108 36.7 62.9 94.3#

77 118.3 49.5 74.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.40 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Tgt Ion: 70 Resp: 133689

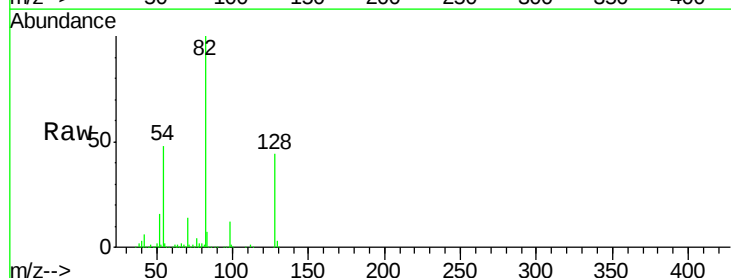
Ion Ratio Lower Upper

70 100

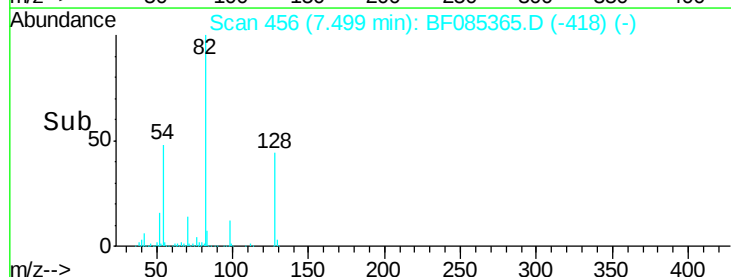
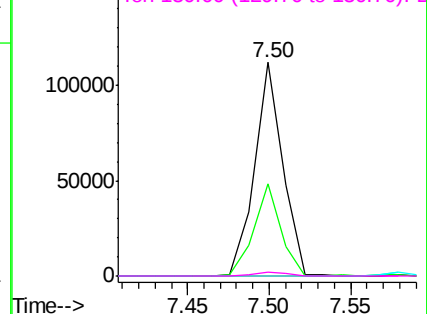
42 43.3 37.7 56.5

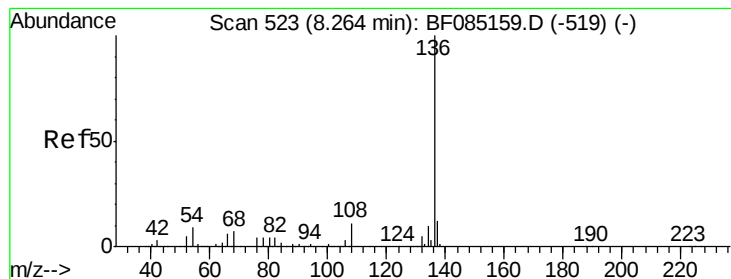
101 0.0 8.2 12.4#

130 2.1 20.5 30.7#



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): B
Ion 130.00 (129.70 to 130.70): B





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 552145

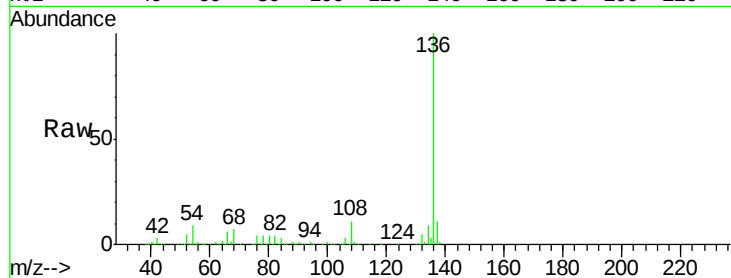
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.8 7.4 11.2

68 6.7 6.0 9.0

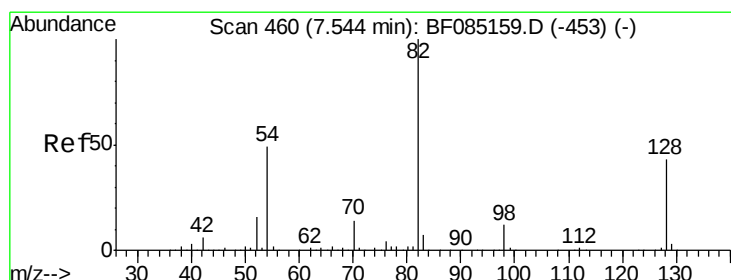
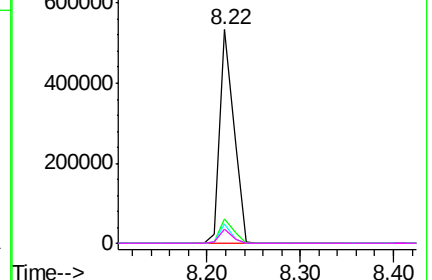
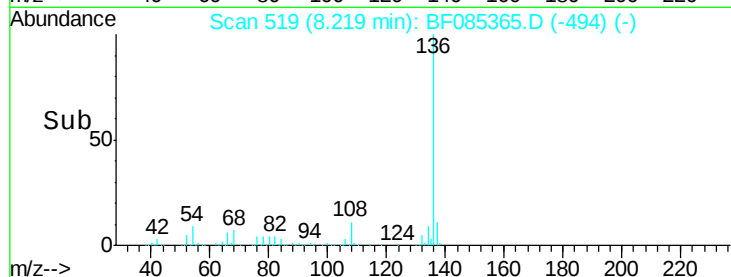


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.22 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

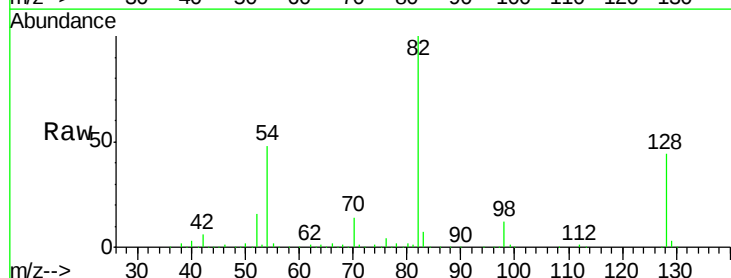
Tgt Ion: 82 Resp: 1023801

Ion Ratio Lower Upper

82 100

128 43.5 34.5 51.7

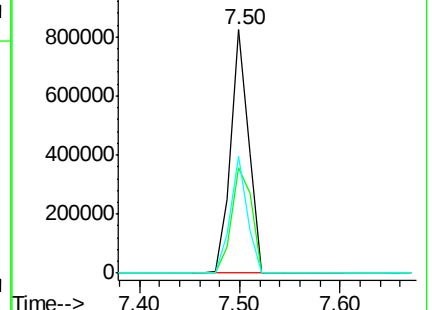
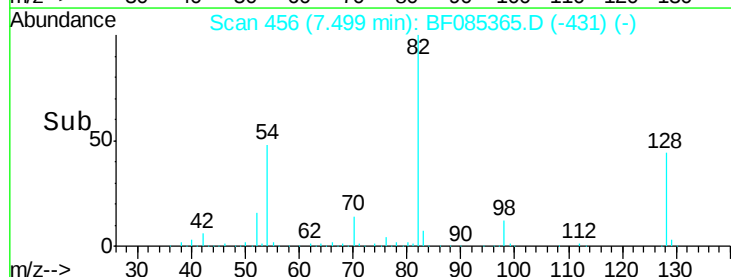
54 47.8 39.3 58.9

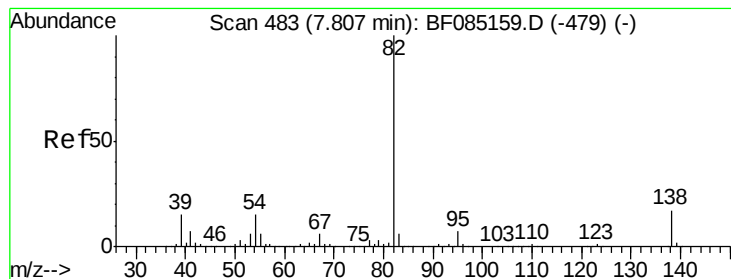


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.22 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.26 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Instrument :

BNA_F

ClientSampleId :

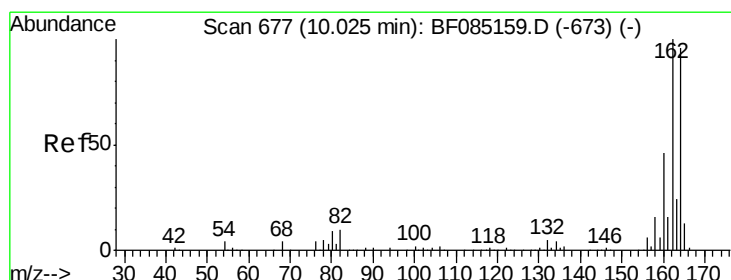
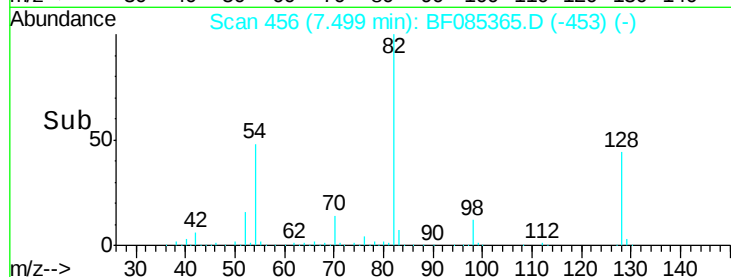
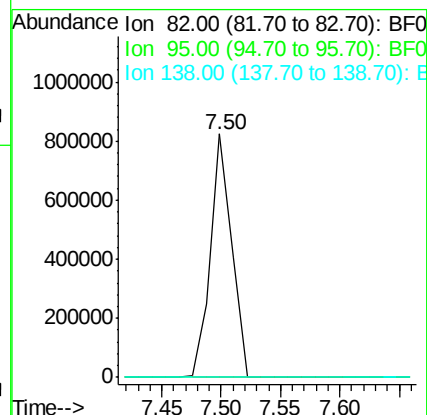
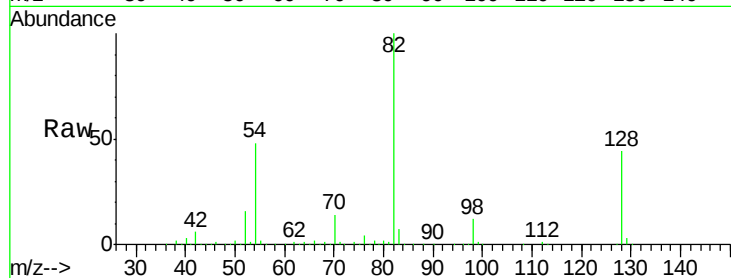
Tot Ion: 82 Resp: 1017588

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

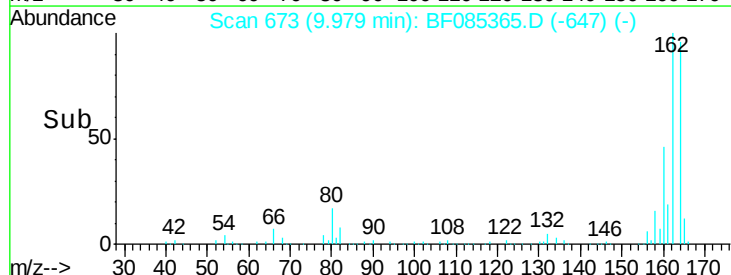
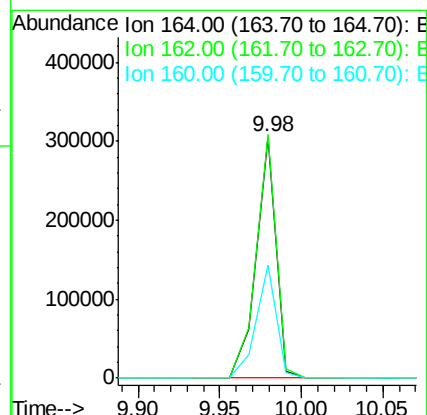
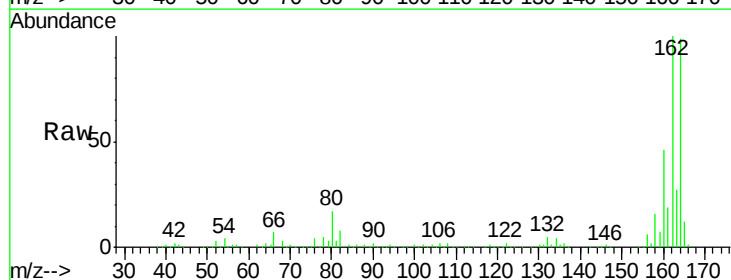
Tgt Ion: 164 Resp: 258432

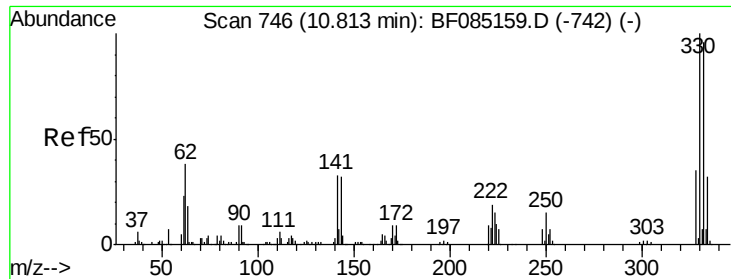
Ion Ratio Lower Upper

164 100

162 101.0 83.3 124.9

160 46.8 37.9 56.9

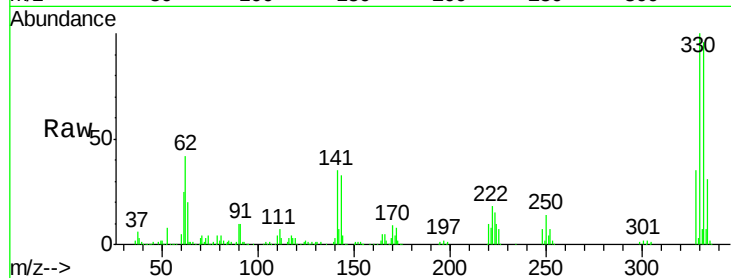




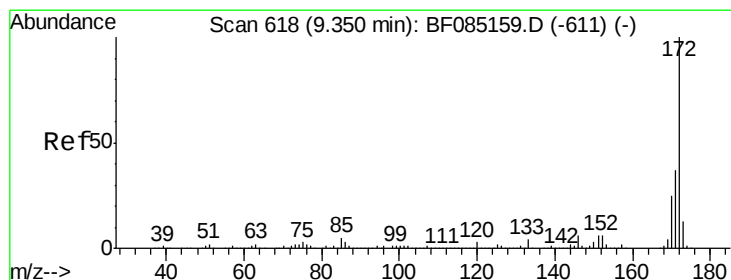
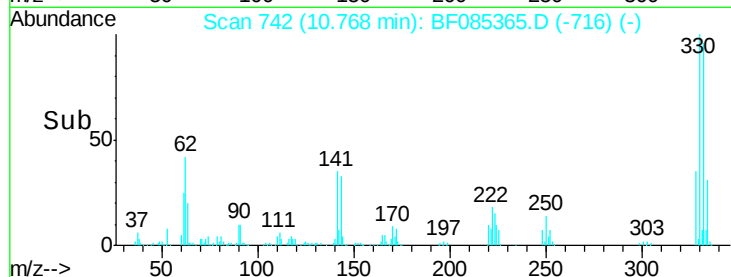
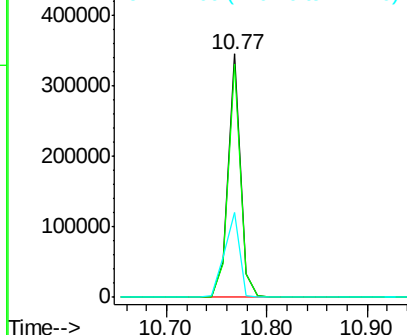
#41
 2,4,6-Tribromophenol
 Concen: 134.68 ng
 RT: 10.77 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF085365.D
 Acq: 11 Mar 2016 6:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141	Ratio	Lower	Upper
297814	100	96.3	42.7		77.1	115.7
					35.0	52.6

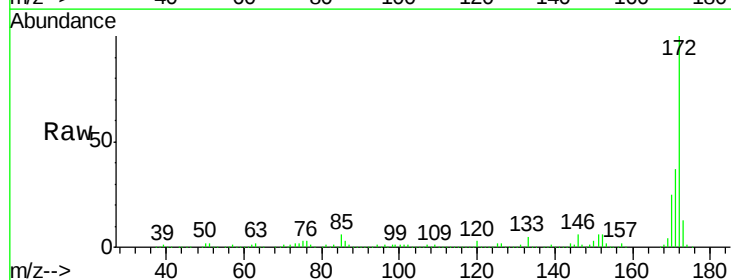


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

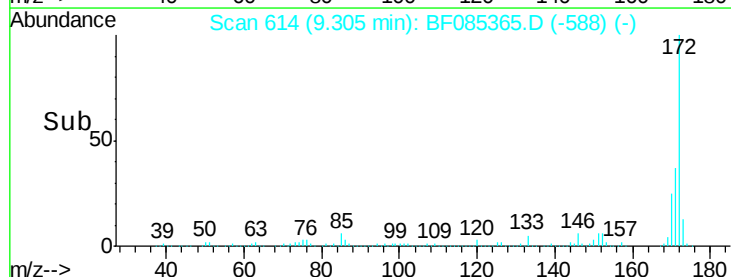
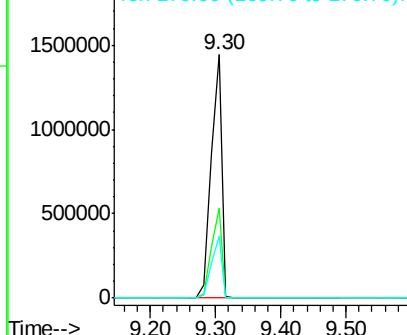


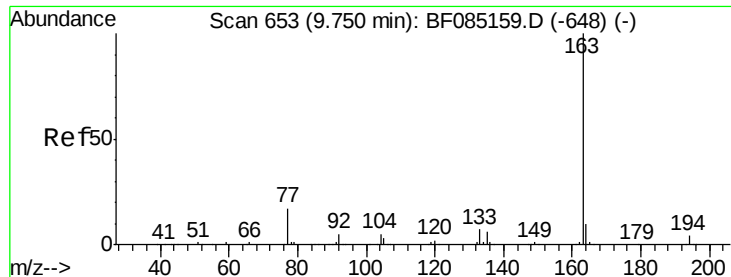
#44
 2-Fluorobiphenyl
 Concen: 97.03 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085365.D
 Acq: 11 Mar 2016 6:31

Tgt Ion	172	171	170	Ratio	Lower	Upper
1648787	100	36.8	25.4		29.3	43.9
					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





#49

Dimethylphthalate

Concen: 18.05 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Instrument :

BNA_F

ClientSampleId :

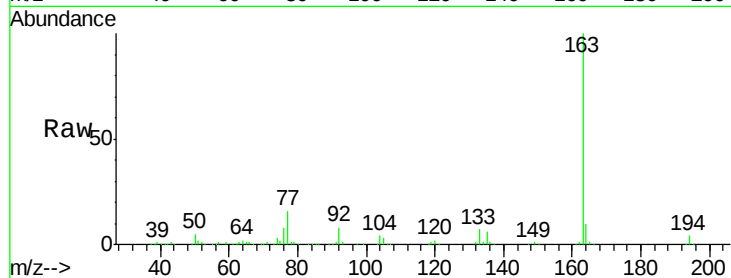
Tot Ion:163 Resp: 358058

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

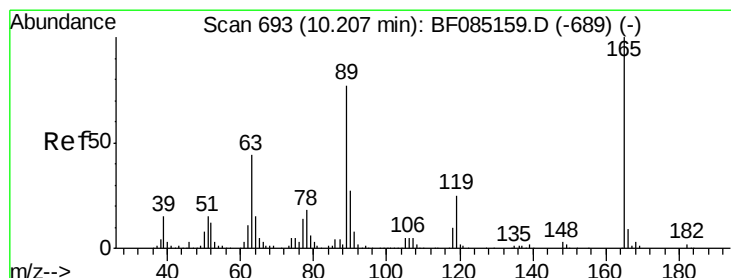
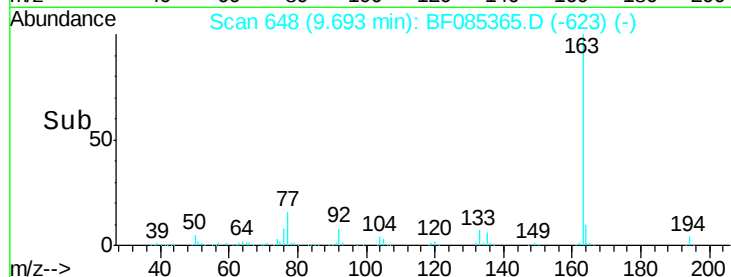
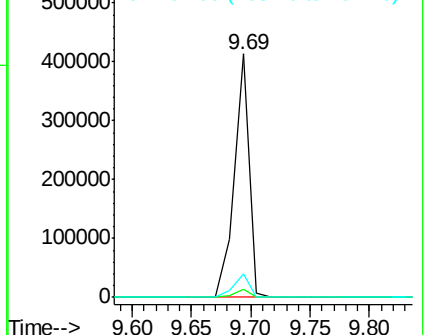
164 9.6 8.2 12.4



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: 5.98 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.18 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Tgt Ion:165 Resp: 32501

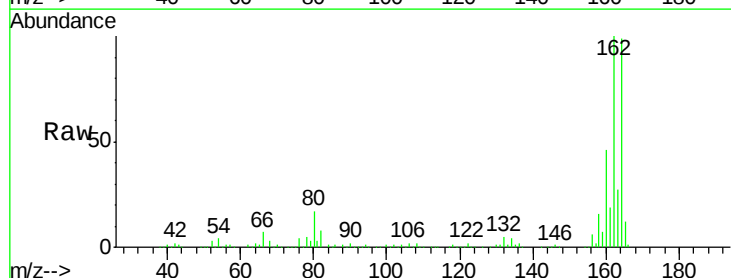
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.8 61.9 92.9#

182 0.0 1.9 2.9#

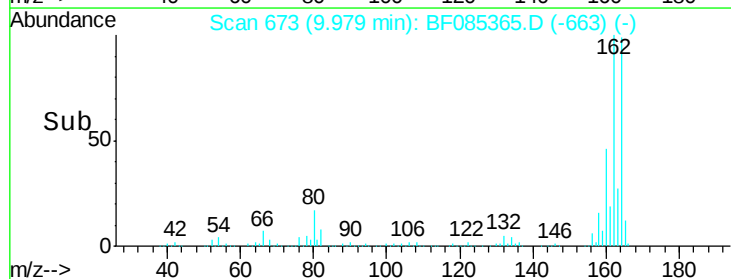
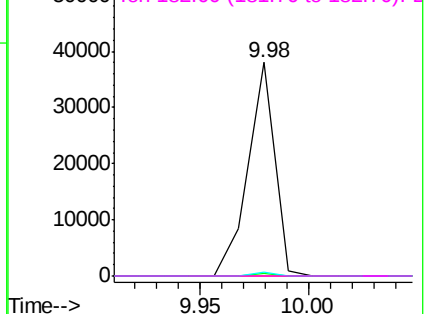


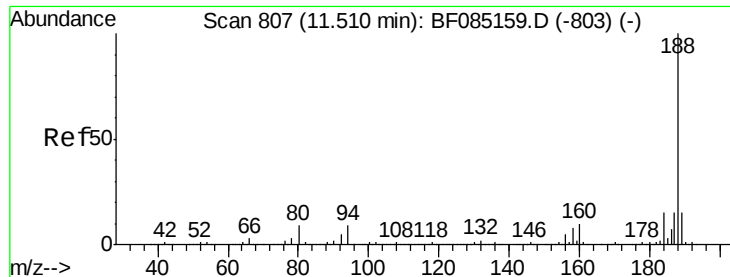
Abundance Ion 165.00 (164.70 to 165.70): E

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

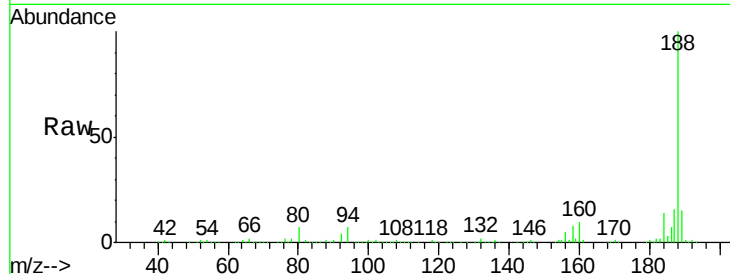




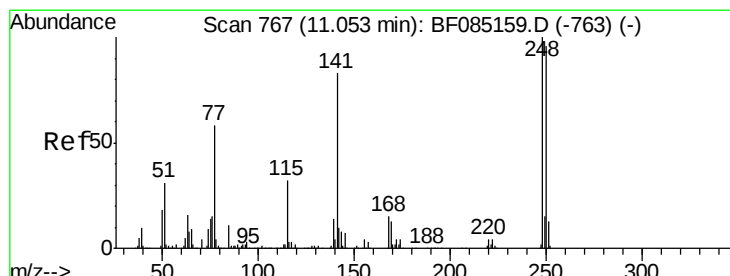
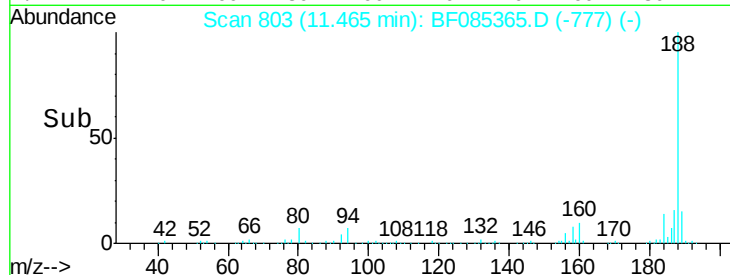
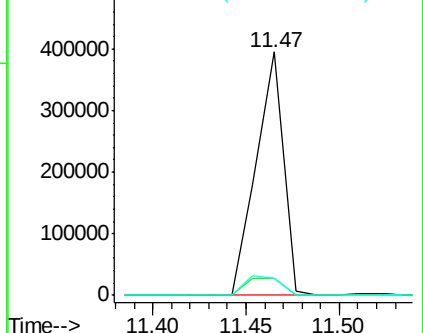
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.47 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF085365.D
 Acq: 11 Mar 2016 6:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 401239
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.0 10.6
 80 7.1 7.4 11.0#

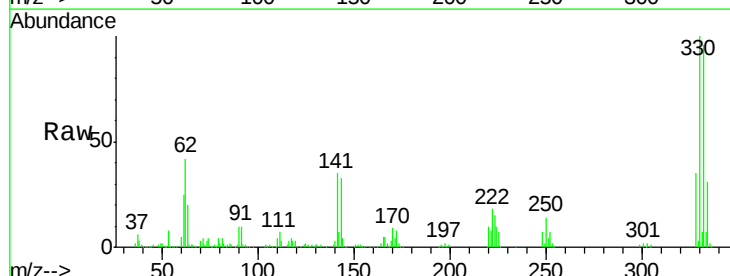


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

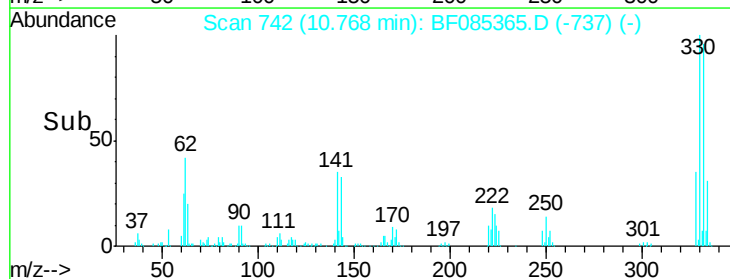
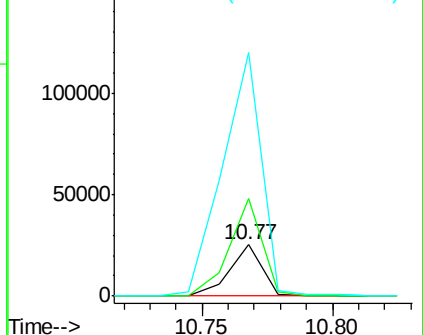


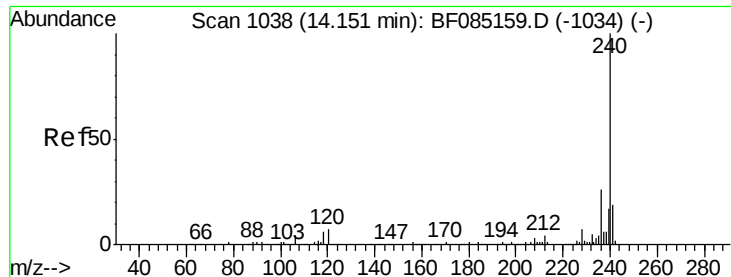
#66
 4-Bromophenyl-phenylether
 Concen: 5.71 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.24 min
 Lab File: BF085365.D
 Acq: 11 Mar 2016 6:31

Tgt Ion:248 Resp: 22237
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.1 115.7#
 141 474.6 66.2 99.2#



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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

Instrument :

BNA_F

ClientSampleId :

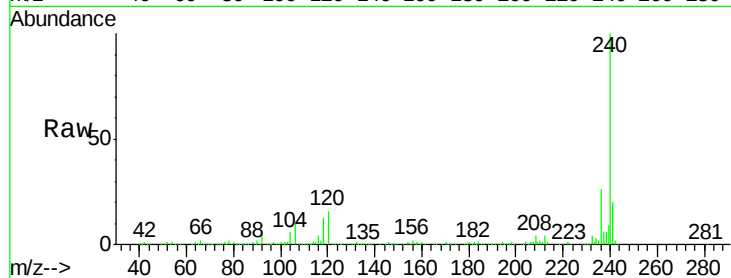
Tot Ion:240 Resp: 272734

Ion Ratio Lower Upper

240 100

120 15.8 5.3 7.9#

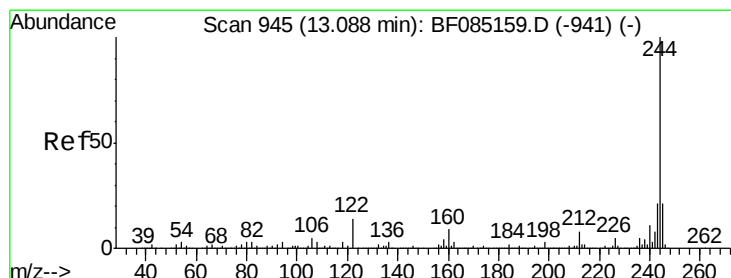
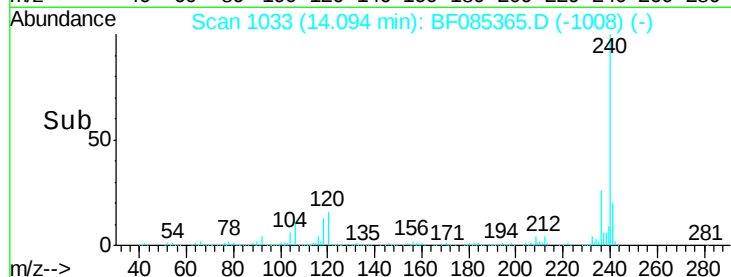
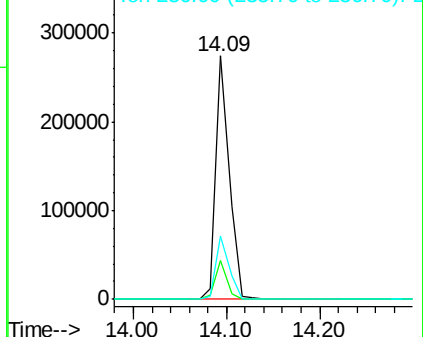
236 26.2 20.7 31.1



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: 93.89 ng

RT: 13.05 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF085365.D

Acq: 11 Mar 2016 6:31

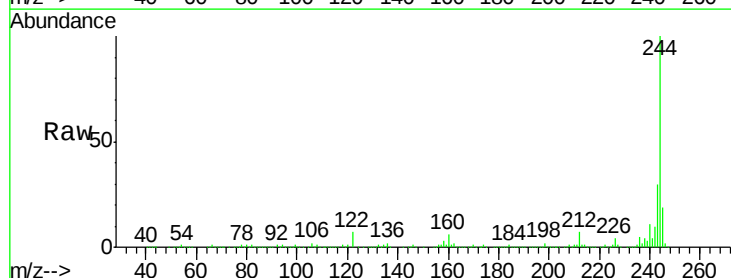
Tgt Ion:244 Resp: 1103027

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

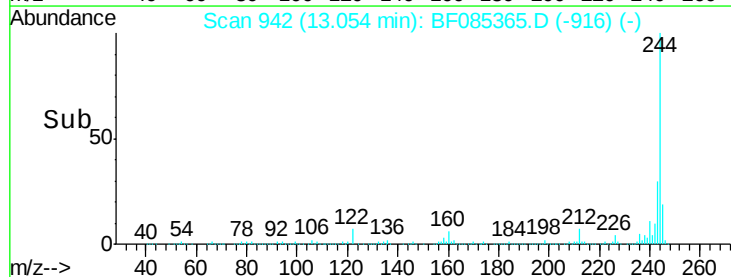
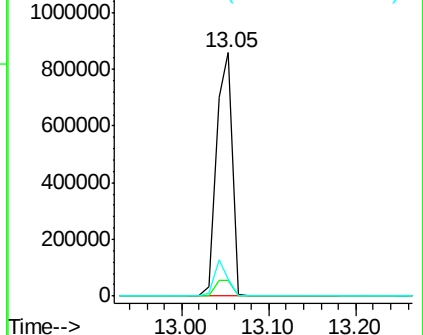
122 6.8 11.4 17.2#

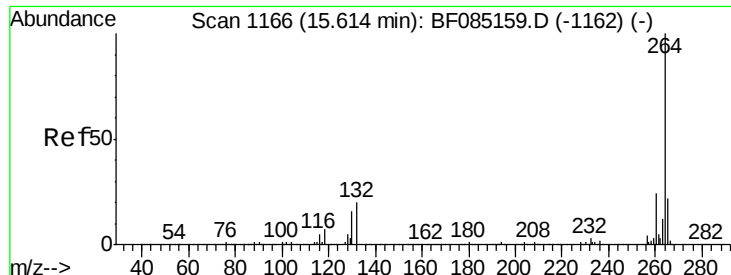


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

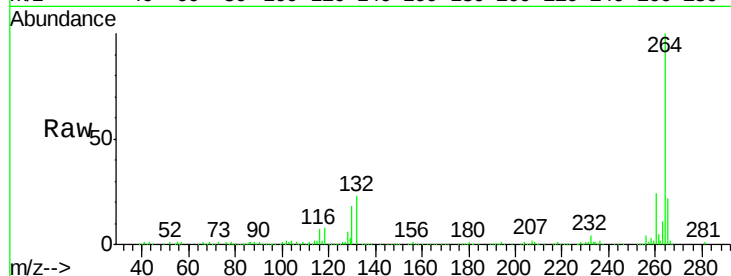




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085365.D
Acq: 11 Mar 2016 6:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	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

