

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085231.D
 Acq On : 5 Mar 2016 4:30
 Operator : SJ/IZ
 Sample : H1686-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:43:53 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

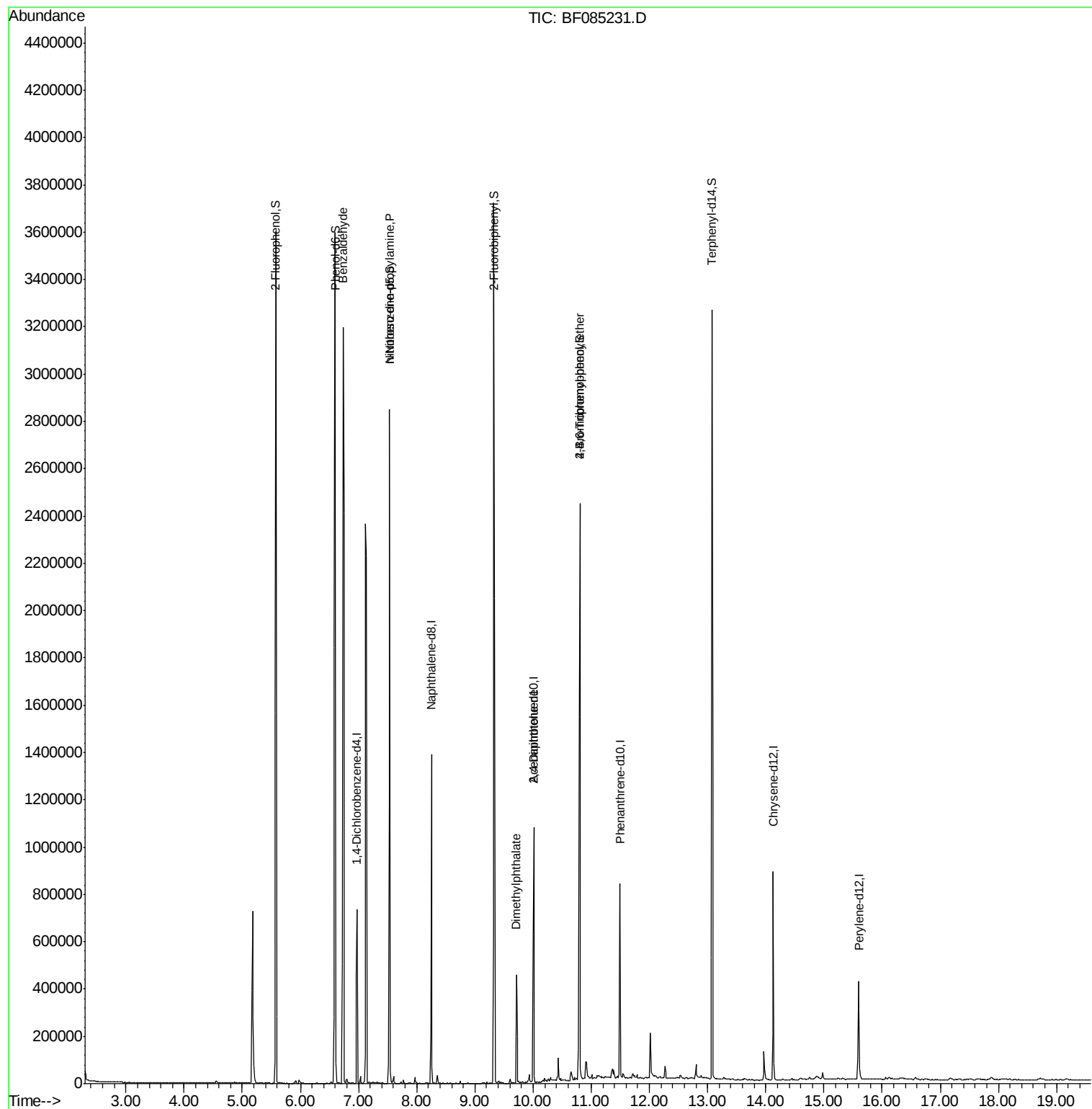
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140383	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	573743	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	256999	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	450877	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	282830	20.00	ng	-0.02
86) Perylene-d12	15.60	264	224046	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1123891	134.29	ng	0.00
7) Phenol-d6	6.60	99	1479868	134.96	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1015184	94.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	373942	170.05	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1507831	89.23	ng	-0.02
78) Terphenyl-d14	13.08	244	1141305	93.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	26769	2.34	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.53	70	137843	19.29	ng	# 78
49) Dimethylphthalate	9.72	163	202652	10.27	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	32520	6.02	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	26608	6.08	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085231.D
Acq On : 5 Mar 2016 4:30
Operator : SJ/IZ
Sample : H1686-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 23:43:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

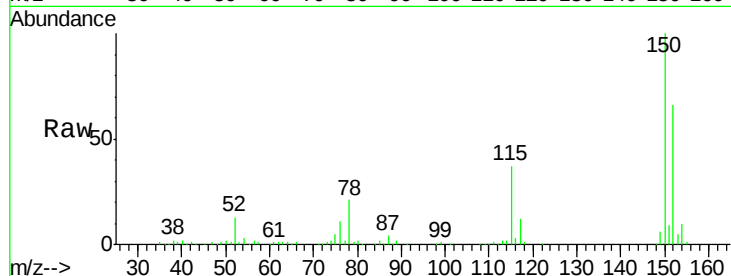
Tgt Ion:152 Resp: 140383

Ion Ratio Lower Upper

152 100

150 150.7 124.6 186.8

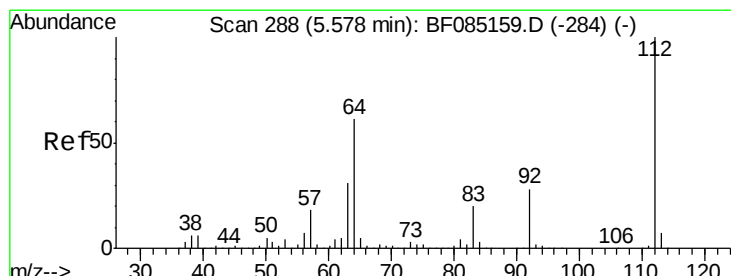
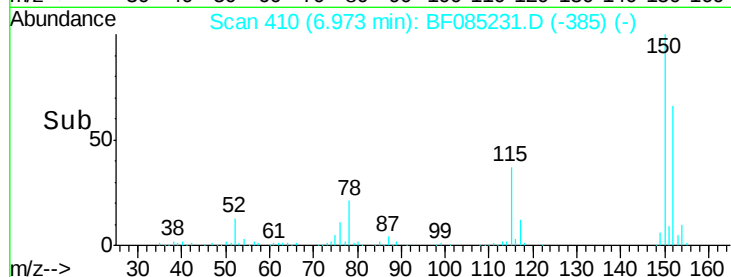
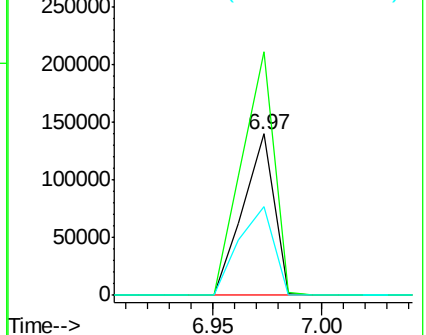
115 55.1 46.6 70.0



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: 134.29 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

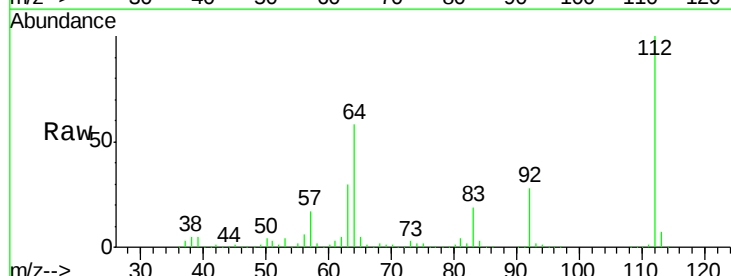
Tgt Ion:112 Resp: 1123891

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

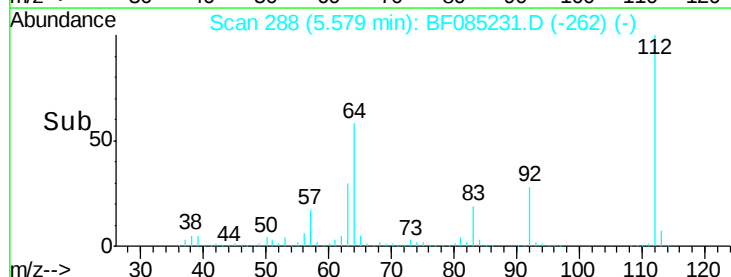
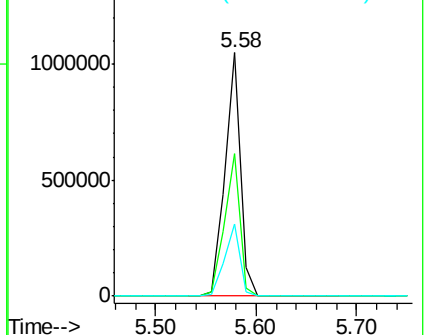
63 29.6 24.8 37.2



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: 134.96 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

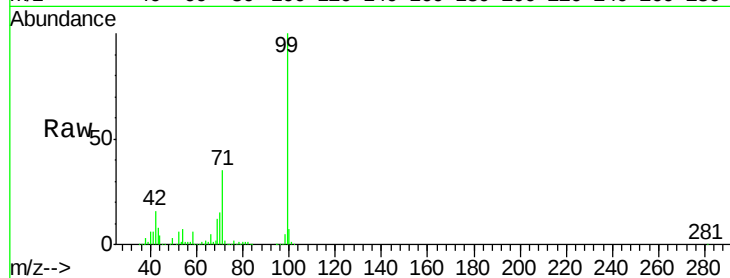
Tgt Ion: 99 Resp: 1479868

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

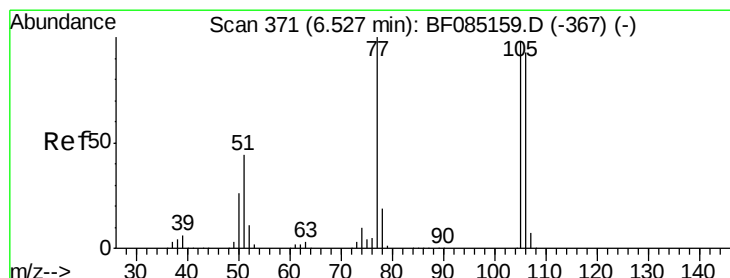
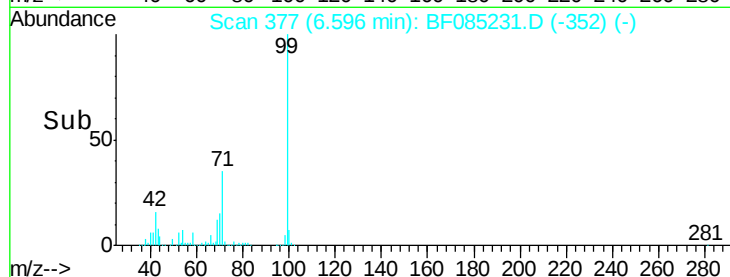
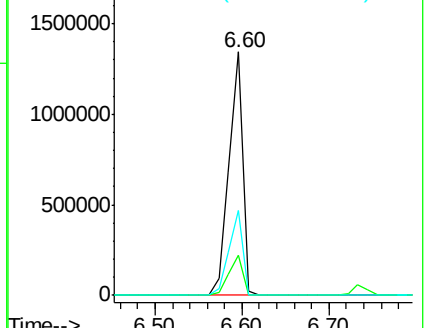
71 34.6 26.7 40.1



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: 2.34 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

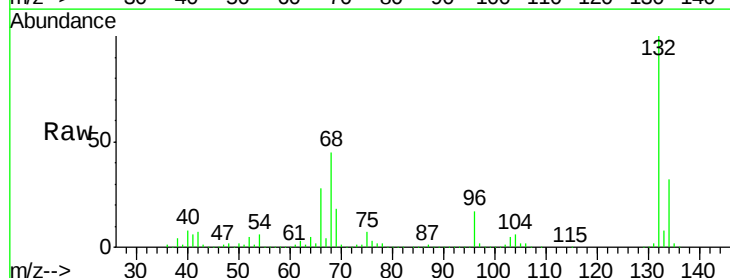
Tgt Ion: 77 Resp: 26769

Ion Ratio Lower Upper

77 100

105 79.9 78.2 118.2

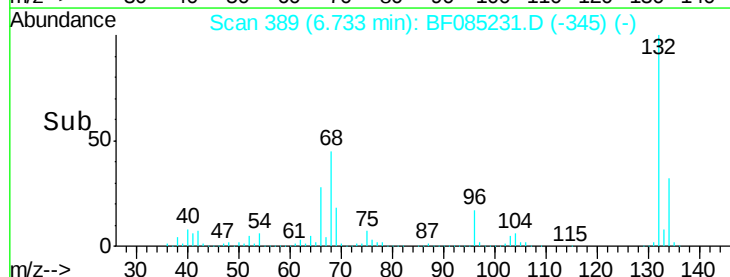
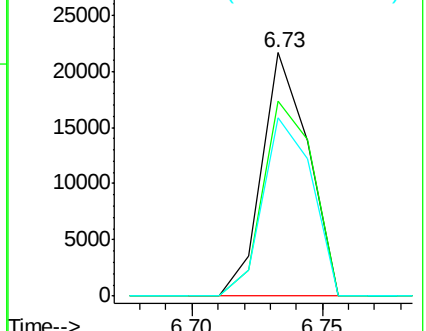
106 73.3 72.9 112.9



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

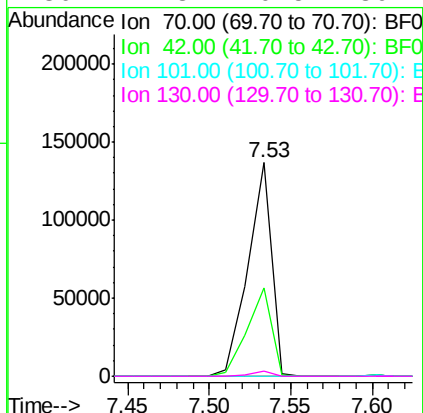
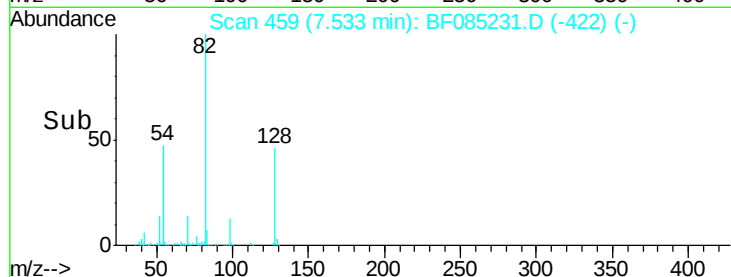
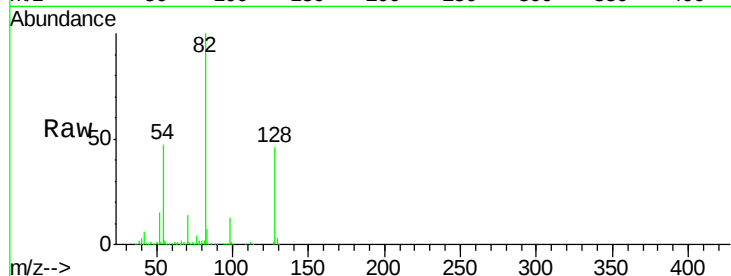




#19
n-Nitroso-di-n-propylamine
Concen: 19.29 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

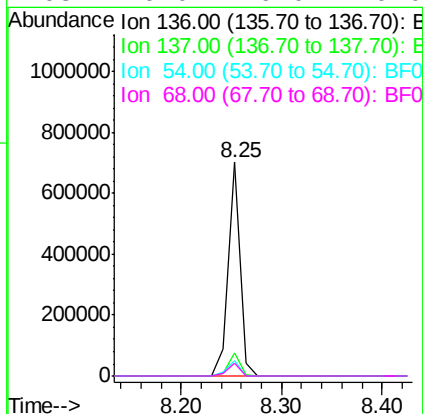
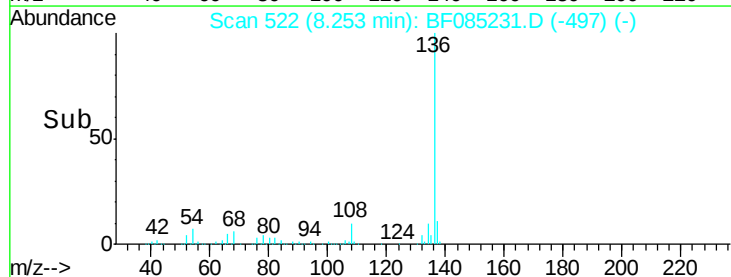
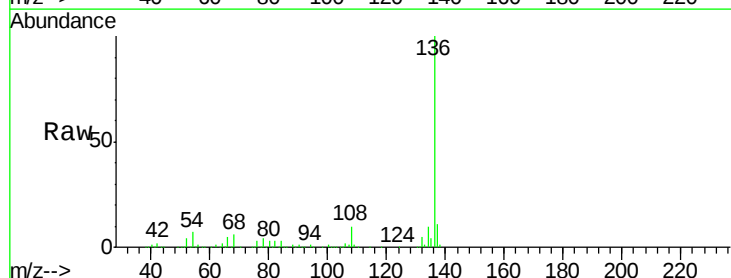
Instrument :
BNA_F
ClientSampleId :

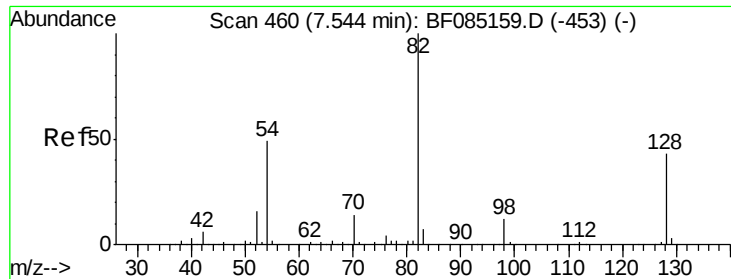
Tgt Ion: 70 Resp: 137843
Ion Ratio Lower Upper
70 100
42 41.6 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Tgt Ion: 136 Resp: 573743
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 7.1 7.4 11.2#
68 6.0 6.0 9.0

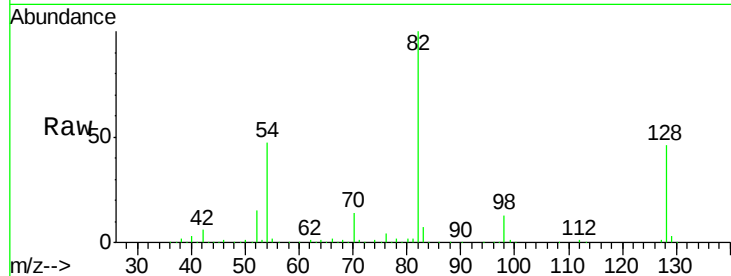




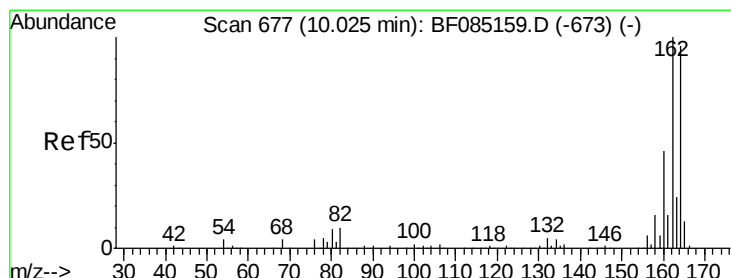
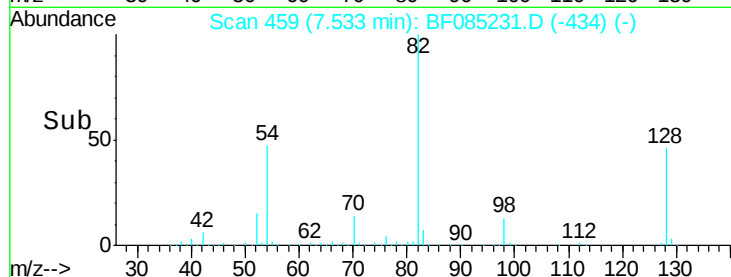
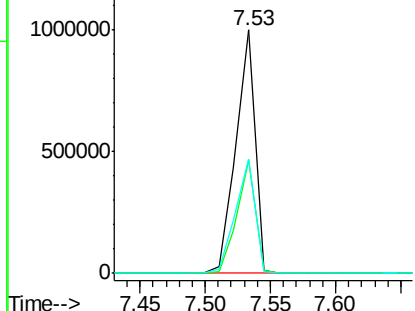
#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1015184
Ion Ratio Lower Upper
82 100
128 46.2 34.5 51.7
54 46.8 39.3 58.9

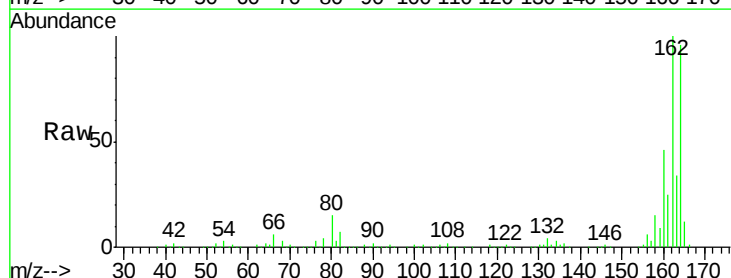


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

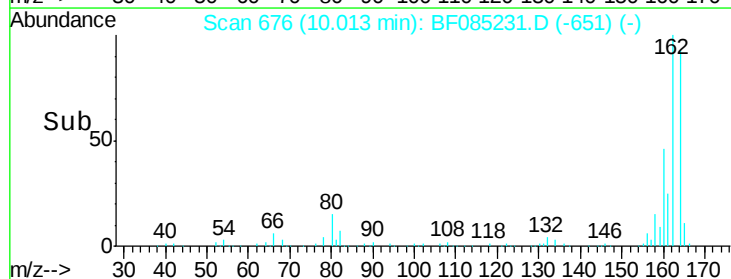
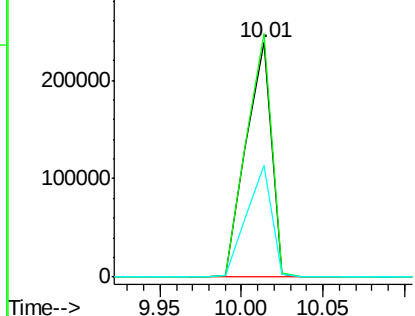


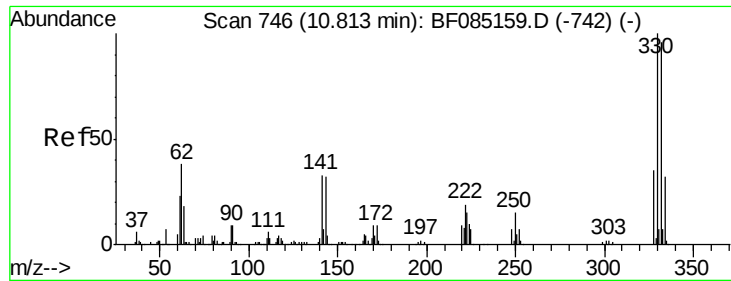
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Tgt Ion: 164 Resp: 256999
Ion Ratio Lower Upper
164 100
162 103.8 83.3 124.9
160 47.9 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: 170.05 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

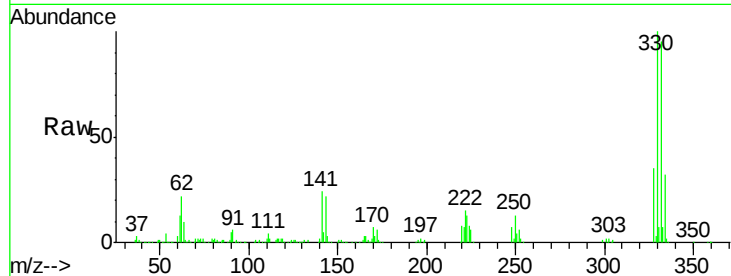
Tgt Ion:330 Resp: 373942

Ion Ratio Lower Upper

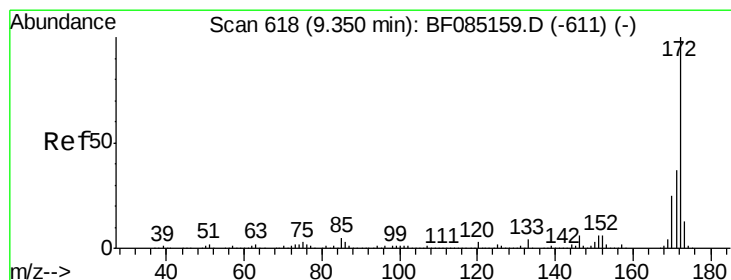
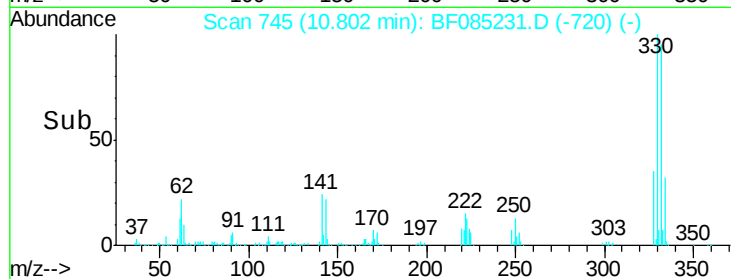
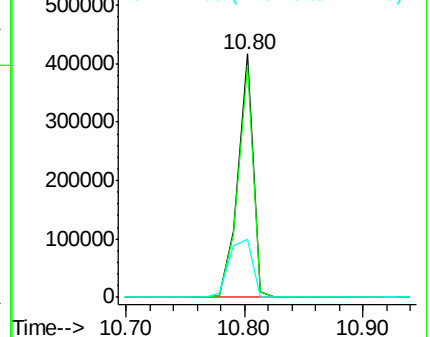
330 100

332 95.5 77.1 115.7

141 36.1 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: 89.23 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

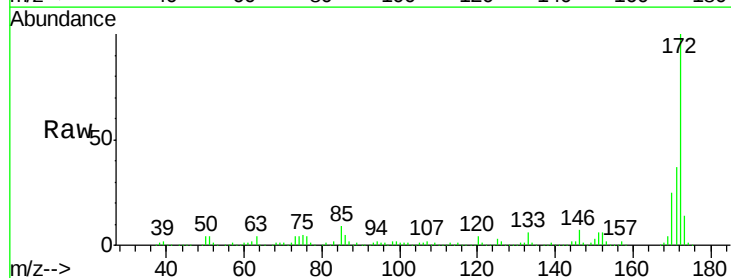
Tgt Ion:172 Resp: 1507831

Ion Ratio Lower Upper

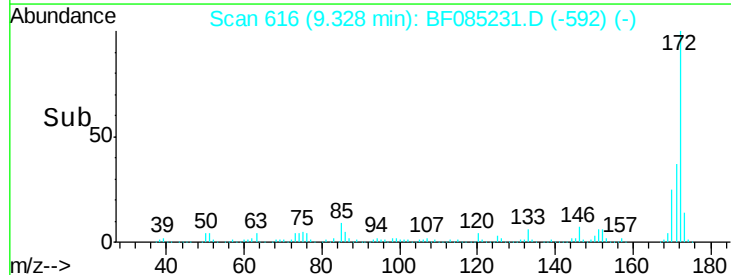
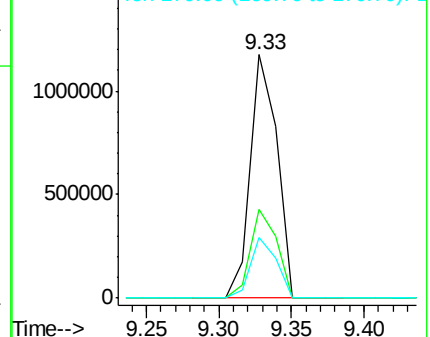
172 100

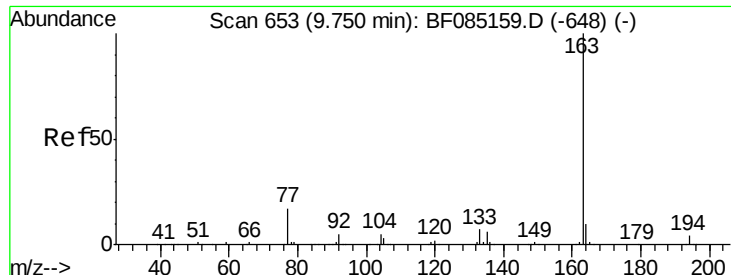
171 36.7 29.3 43.9

170 24.9 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

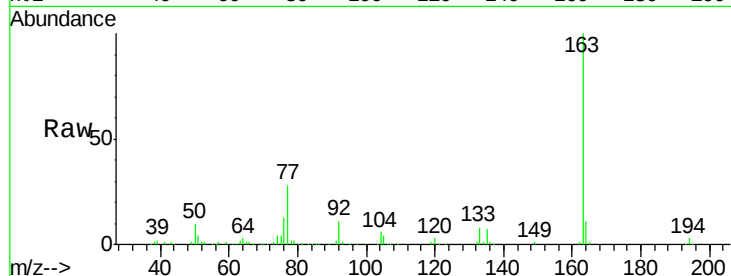




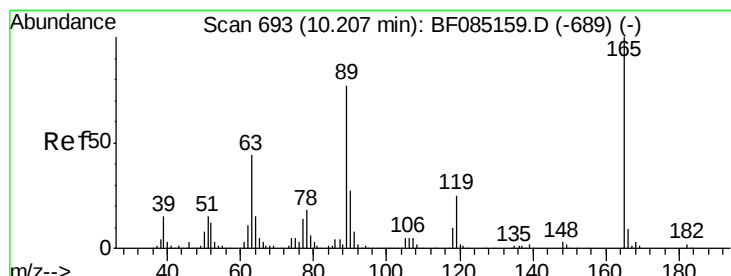
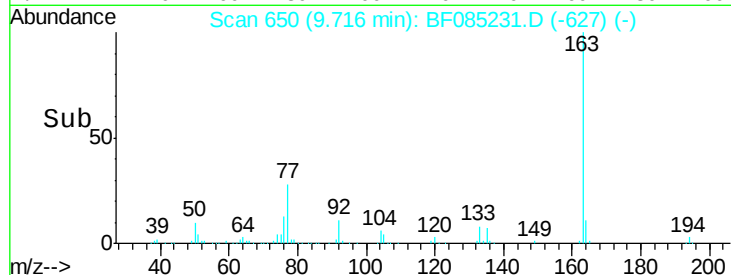
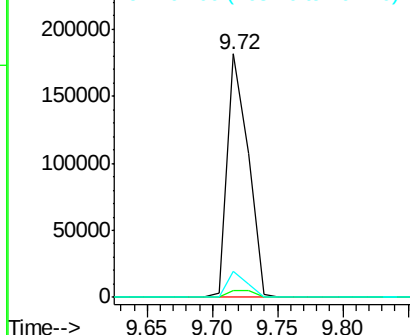
#49
Dimethylphthalate
Concen: 10.27 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 202652
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 10.7 8.2 12.4

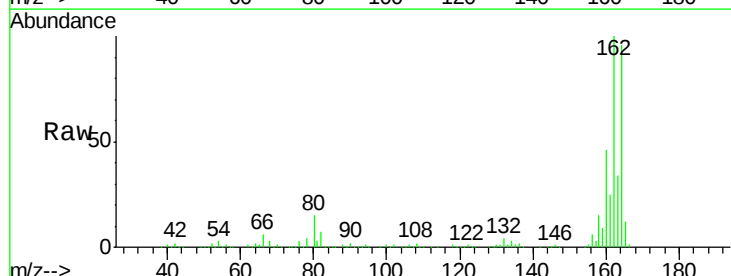


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

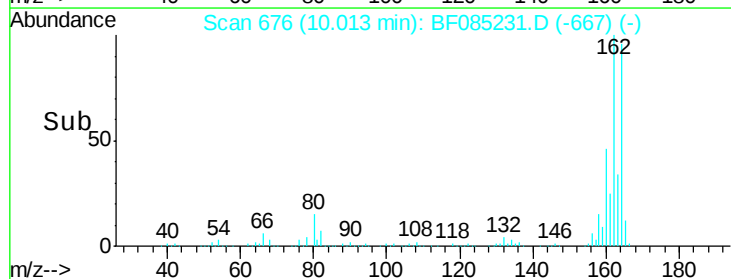
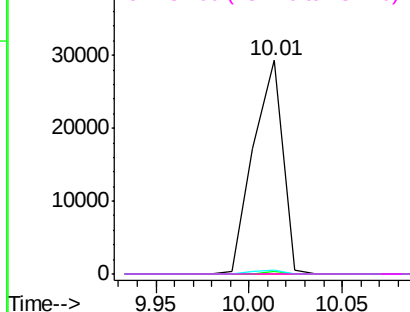


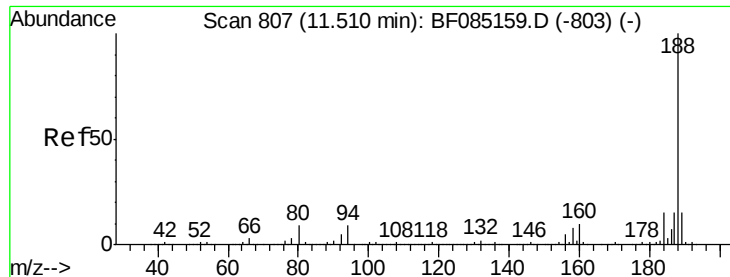
#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Tgt Ion:165 Resp: 32520
Ion Ratio Lower Upper
165 100
63 1.5 35.4 53.0#
89 1.7 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

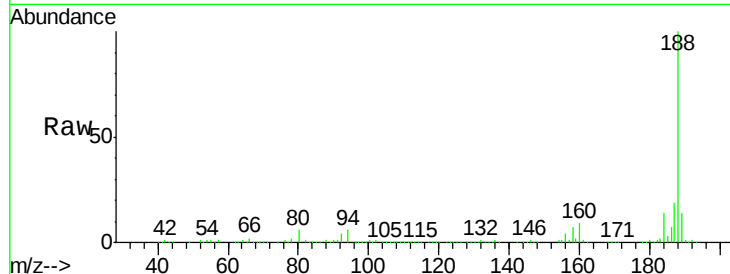




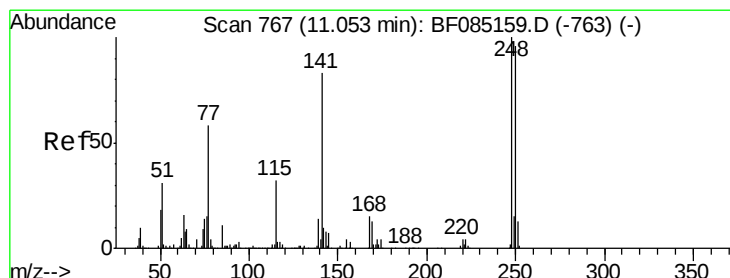
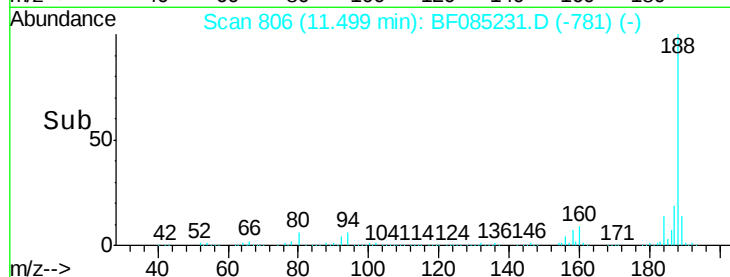
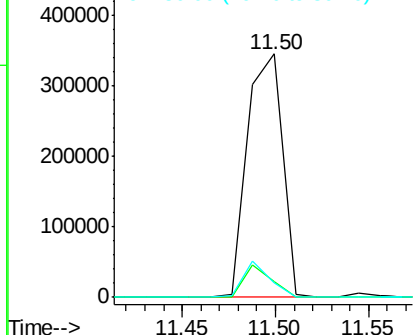
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 450877
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6#
80 6.1 7.4 11.0#

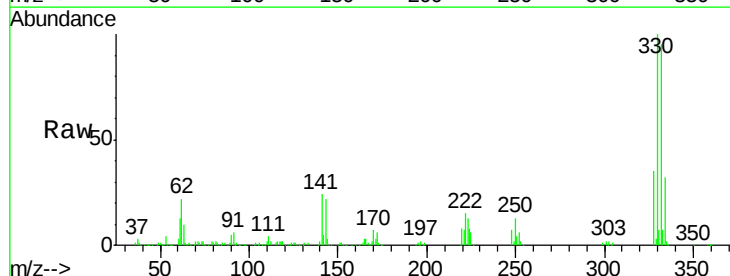


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

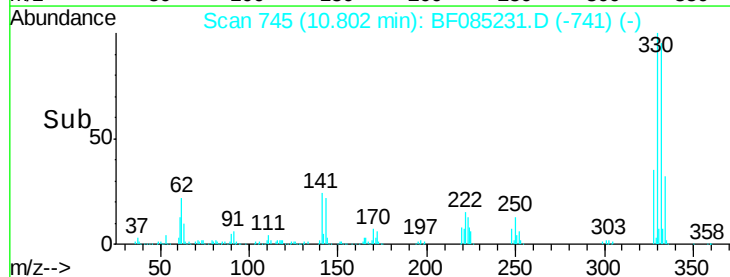
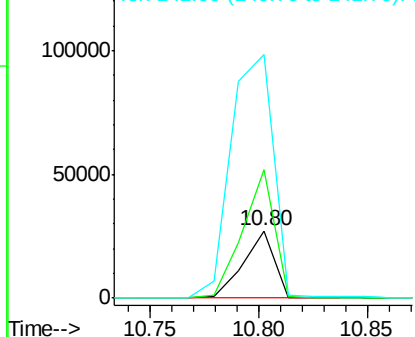


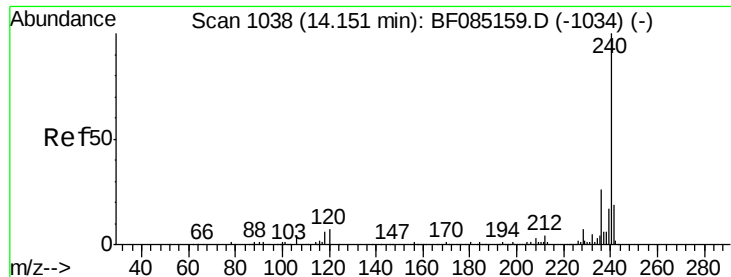
#66
4-Bromophenyl-phenylether
Concen: 6.08 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Tgt Ion:248 Resp: 26608
Ion Ratio Lower Upper
248 100
250 192.2 77.1 115.7#
141 362.7 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

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

Instrument :

BNA_F

ClientSampleId :

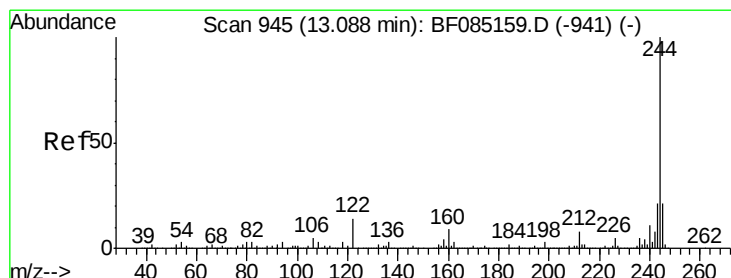
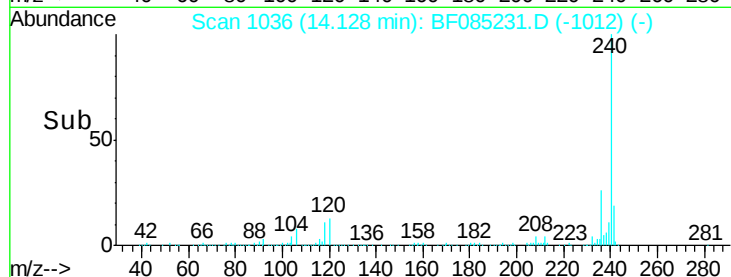
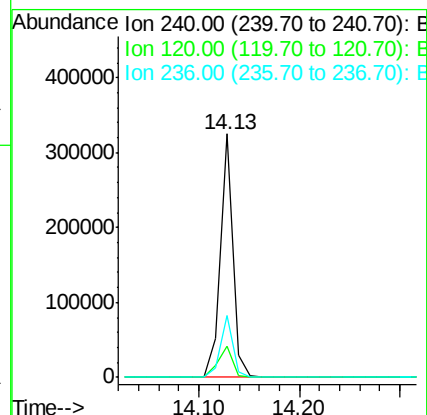
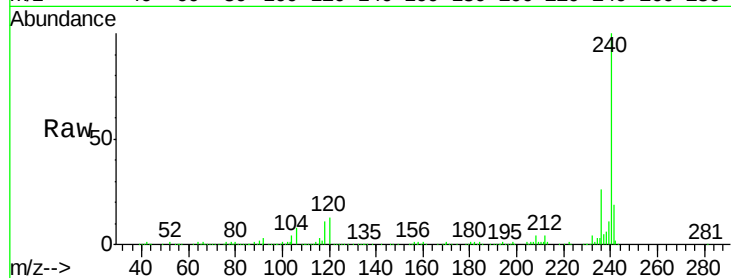
Tgt Ion:240 Resp: 282830

Ion Ratio Lower Upper

240 100

120 12.5 5.3 7.9#

236 25.6 20.7 31.1



#78

Terphenyl-d14

Concen: 93.68 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085231.D

Acq: 5 Mar 2016 4:30

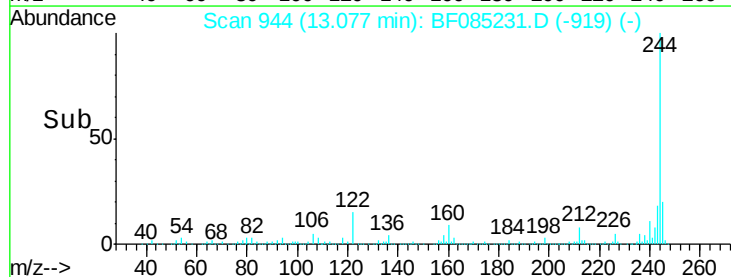
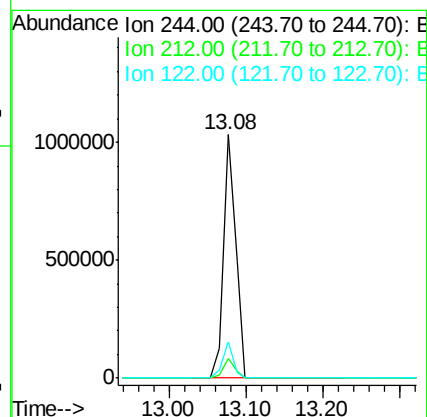
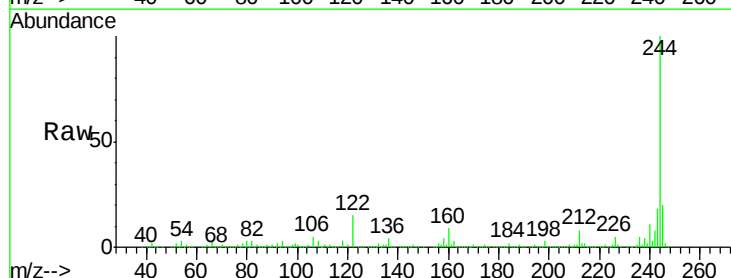
Tgt Ion:244 Resp: 1141305

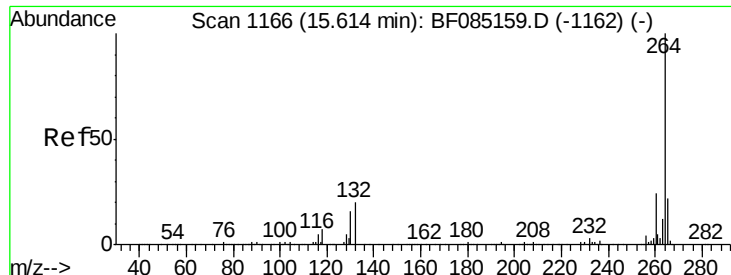
Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 14.8 11.4 17.2

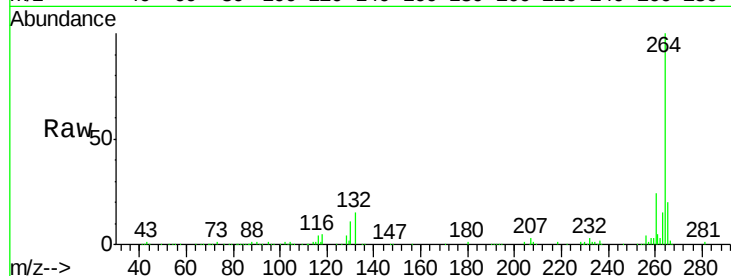




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085231.D
Acq: 5 Mar 2016 4:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.3	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

