

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085913.D
 Acq On : 31 Mar 2016 5:49
 Operator : UM/SJ
 Sample : H2012-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-S

Quant Time: Mar 31 05:41:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

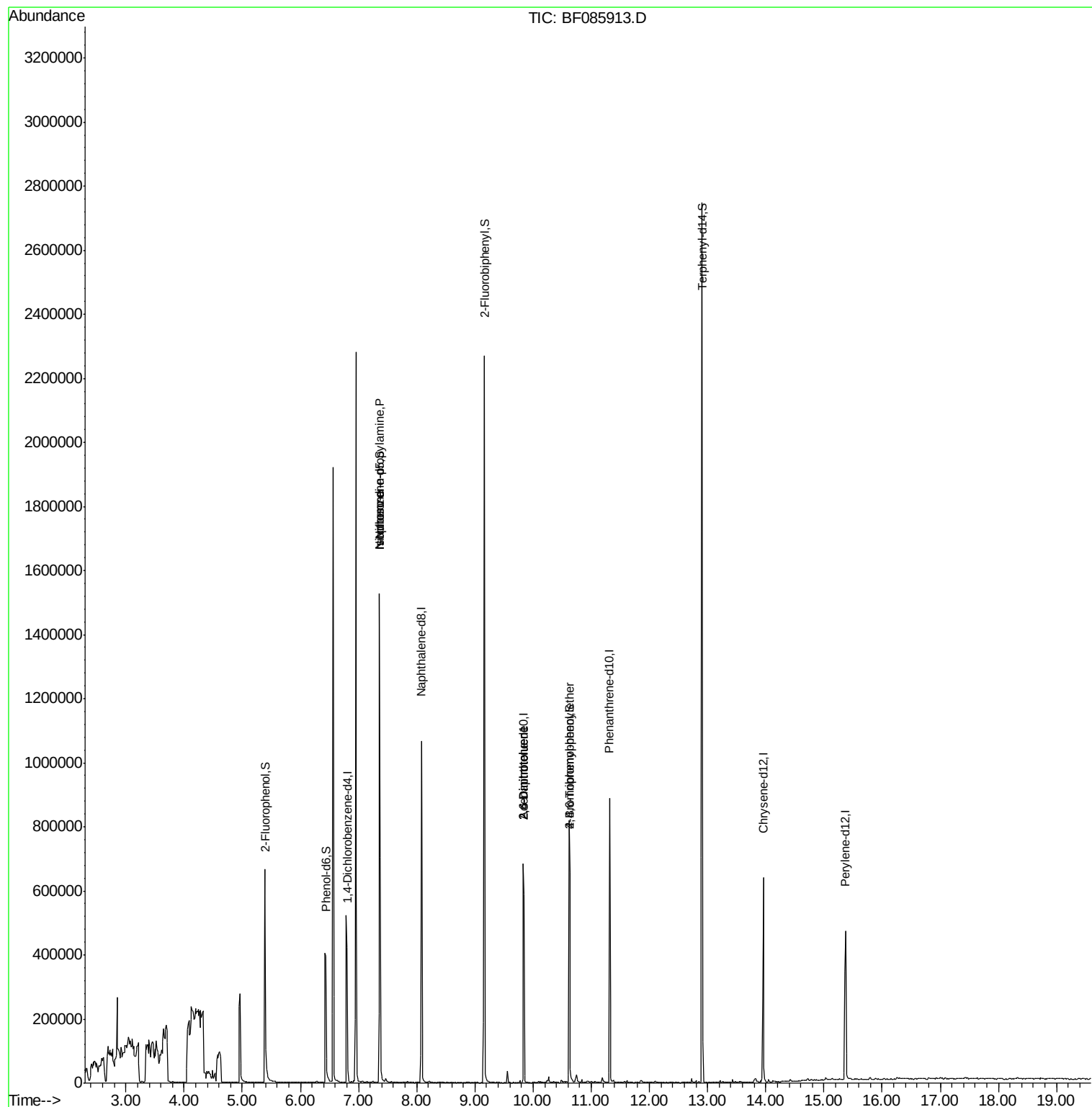
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112338	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	461002	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	189645	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	318064	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	238877	20.00	ng	-0.01
86) Perylene-d12	15.37	264	230698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	312145	46.28	ng	0.00
7) Phenol-d6	6.44	99	250270	29.18	ng	-0.01
23) Nitrobenzene-d5	7.36	82	615937	75.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	137284	76.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1144138	100.80	ng	0.00
78) Terphenyl-d14	12.91	244	818934	70.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	80937	15.76	ng	# 78
25) Isophorone	7.36	82	559844	35.50	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	24086	7.78	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	24087	6.12	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	8597	2.64	ng	# 1

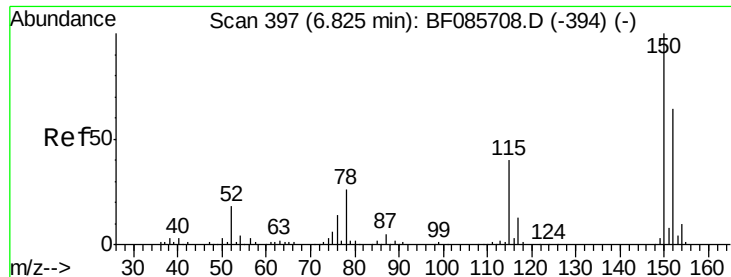
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085913.D
Acq On : 31 Mar 2016 5:49
Operator : UM/SJ
Sample : H2012-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
032416-P2EB-F-D-S

Quant Time: Mar 31 05:41:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-S

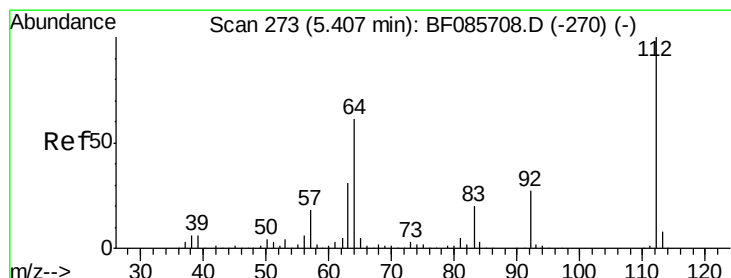
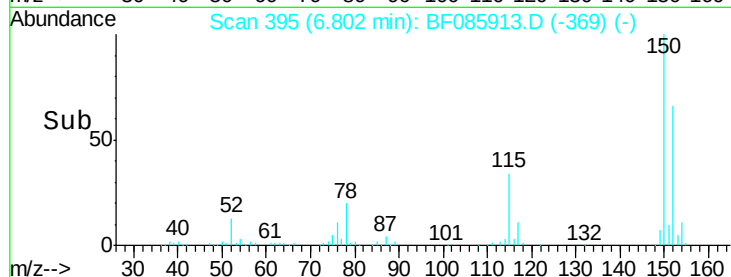
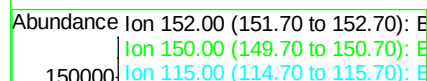
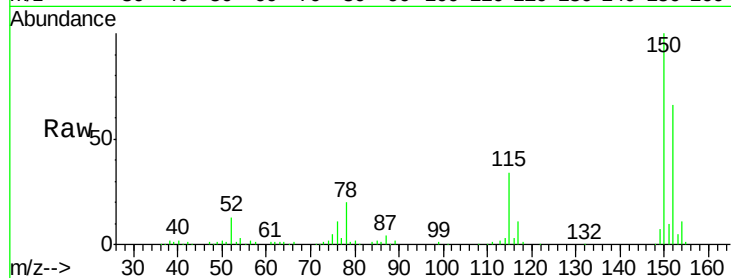
Tgt Ion:152 Resp: 112338

Ion Ratio Lower Upper

152 100

150 151.8 124.2 186.2

115 51.9 47.0 70.6



#5

2-Fluorophenol

Concen: 46.28 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

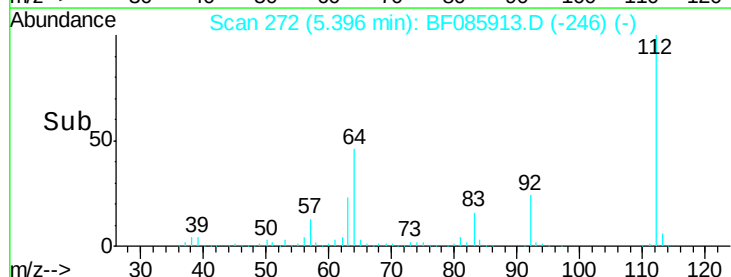
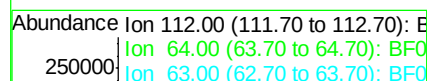
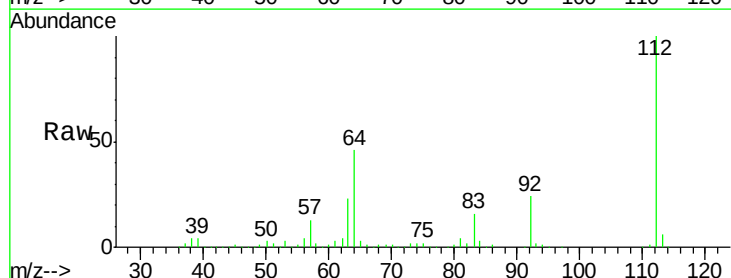
Tgt Ion:112 Resp: 312145

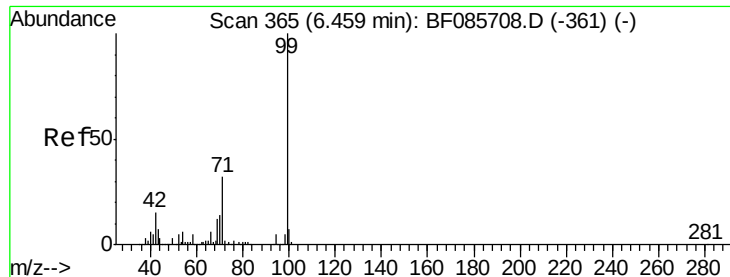
Ion Ratio Lower Upper

112 100

64 45.7 39.9 59.9

63 23.2 20.2 30.2





#7

Phenol-d6

Concen: 29.18 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-S

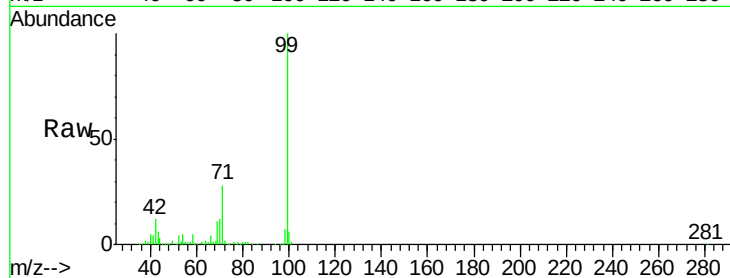
Tgt Ion: 99 Resp: 250270

Ion Ratio Lower Upper

99 100

42 12.1 11.1 16.7

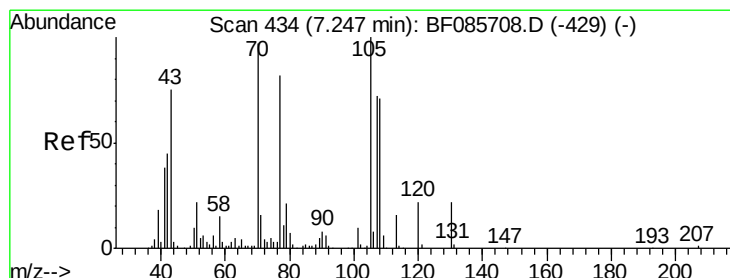
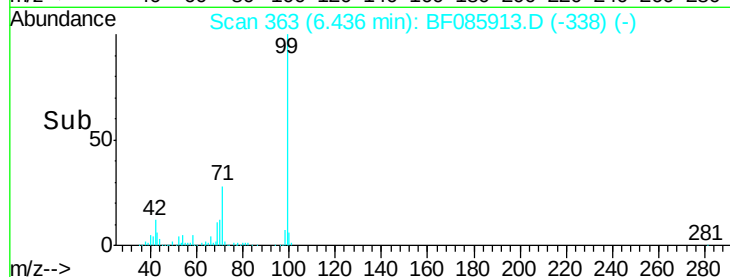
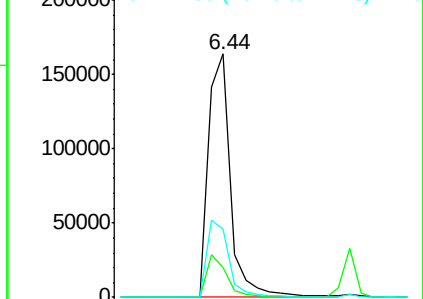
71 27.9 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.76 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Tgt Ion: 70 Resp: 80937

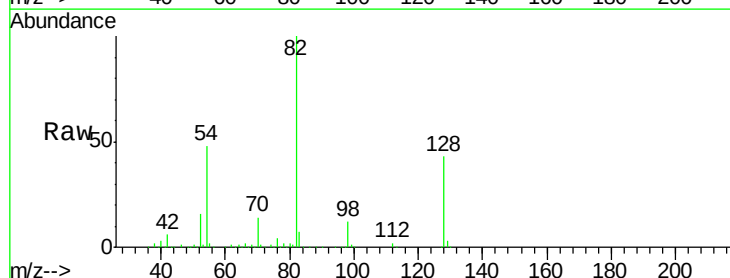
Ion Ratio Lower Upper

70 100

42 41.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

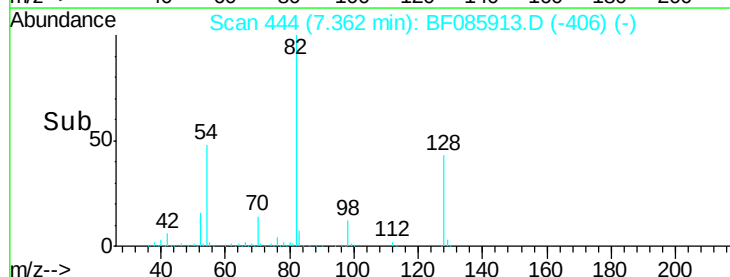
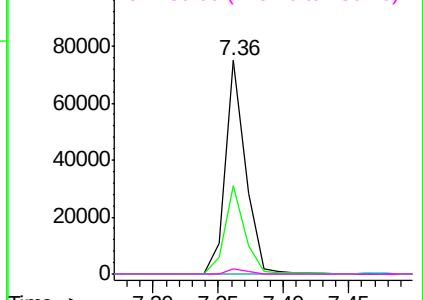


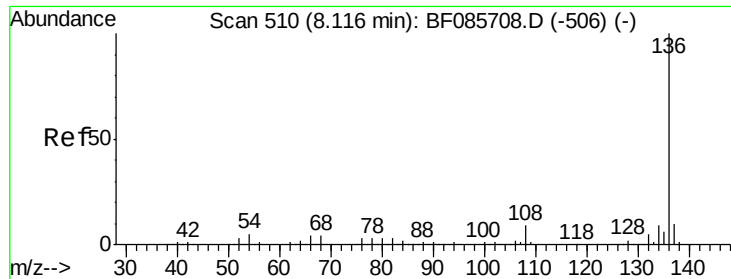
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

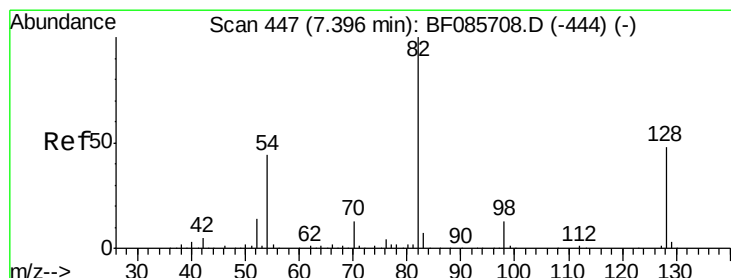
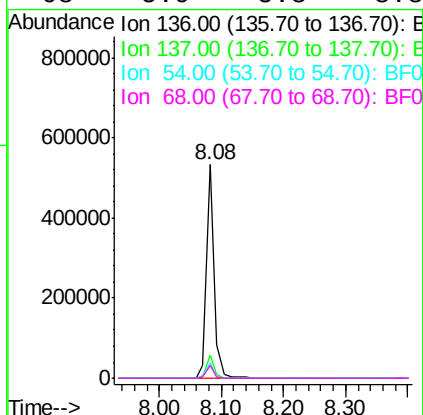
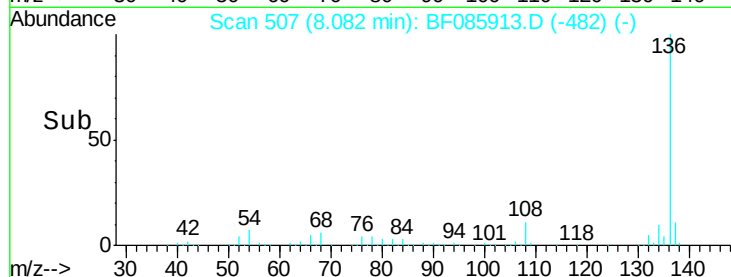
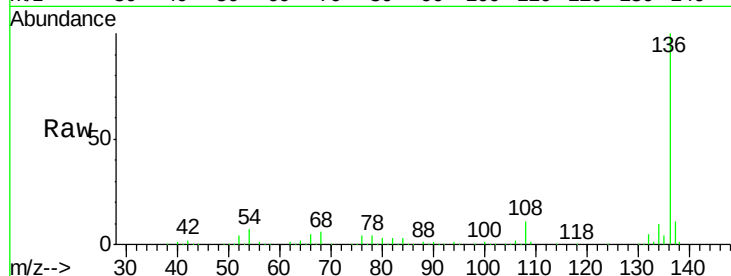




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085913.D
Acq: 31 Mar 2016 5:49

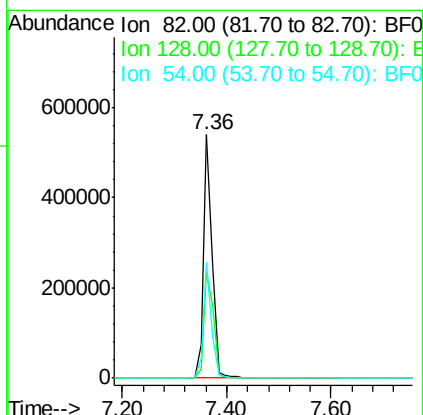
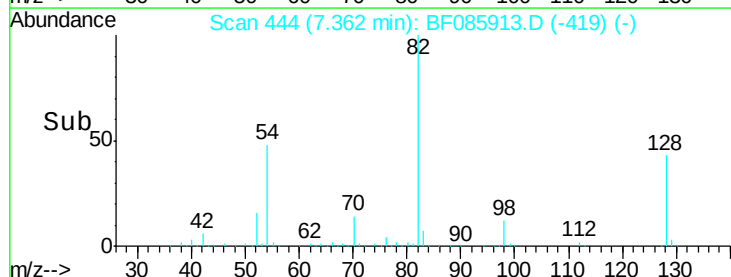
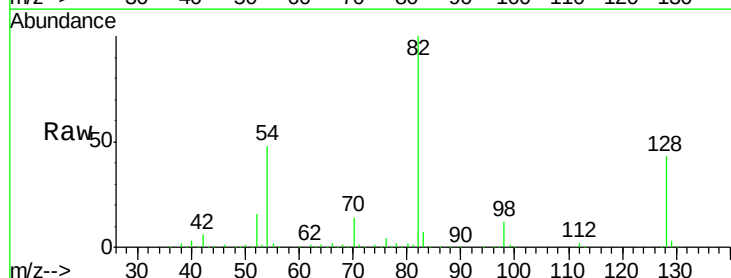
Instrument :
BNA_F
ClientSampleId :
032416-P2EB-F-D-S

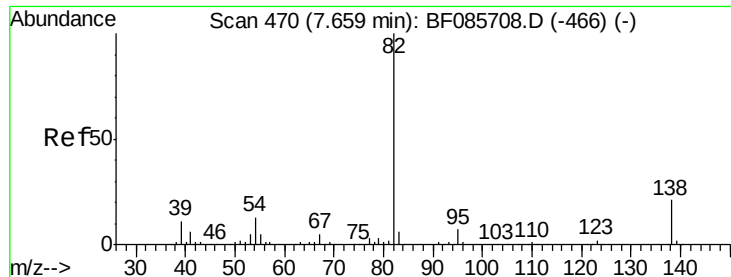
Tgt Ion:	136	Resp:	461002
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.1	7.4	11.0#
68	5.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 75.24 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085913.D
Acq: 31 Mar 2016 5:49

Tgt Ion:	82	Resp:	615937
Ion	Ratio	Lower	Upper
82	100		
128	43.3	41.8	62.8
54	47.7	33.4	50.0





#25

Isophorone

Concen: 35.50 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-S

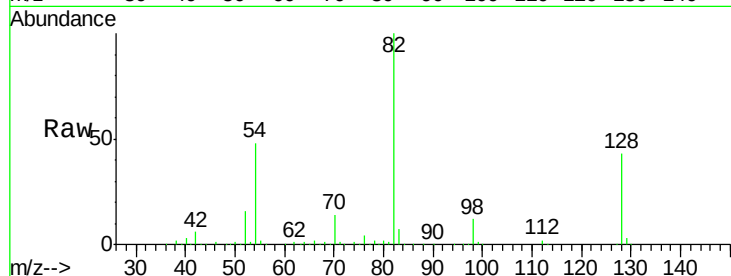
Tgt Ion: 82 Resp: 559844

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

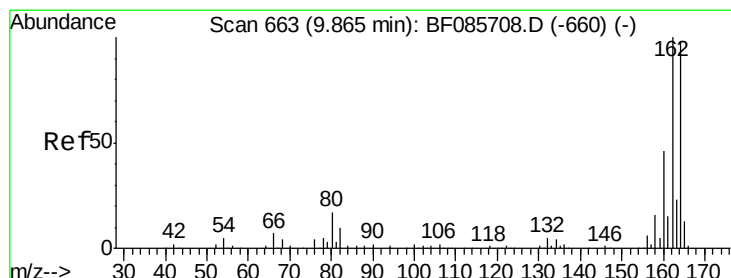
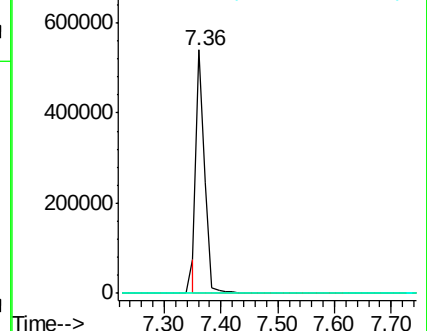
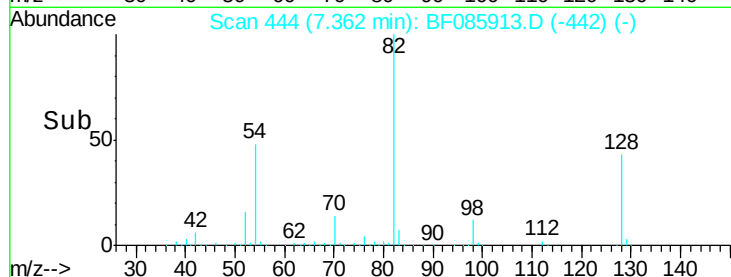
138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

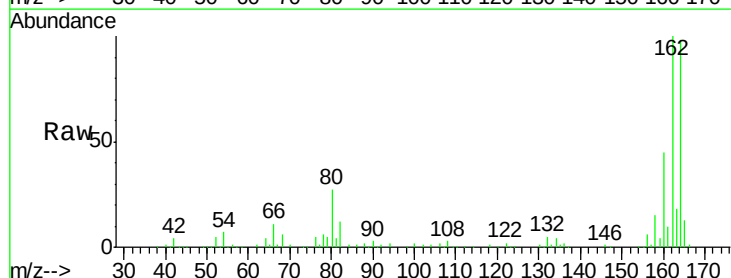
Tgt Ion: 164 Resp: 189645

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

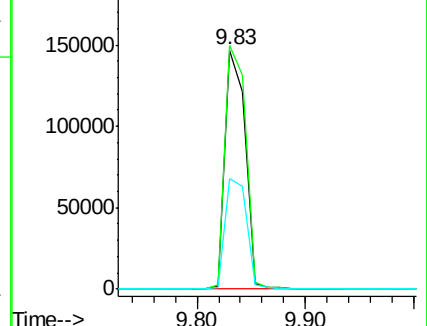
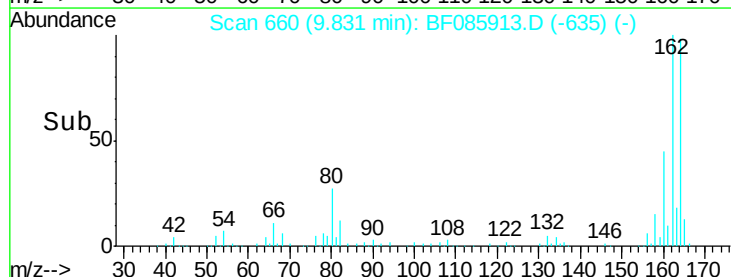
160 46.4 37.4 56.2

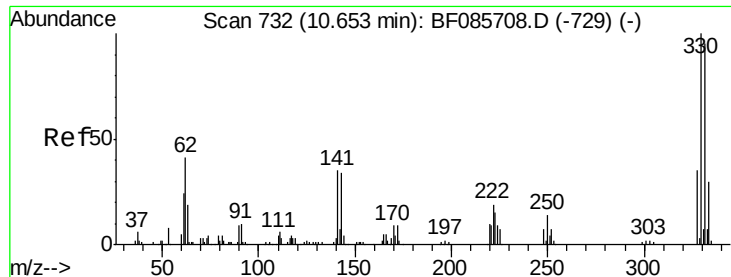


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

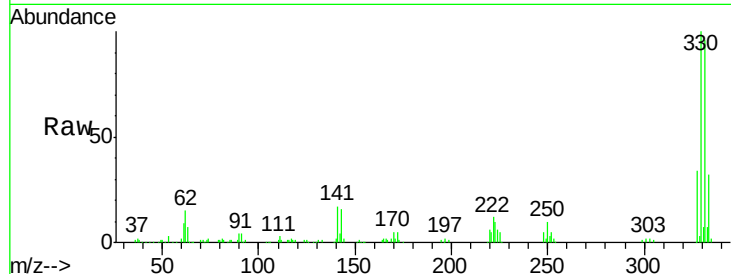




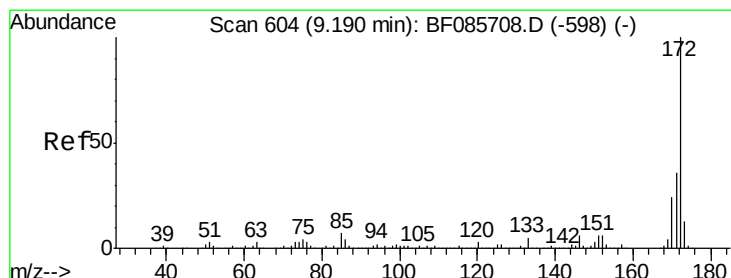
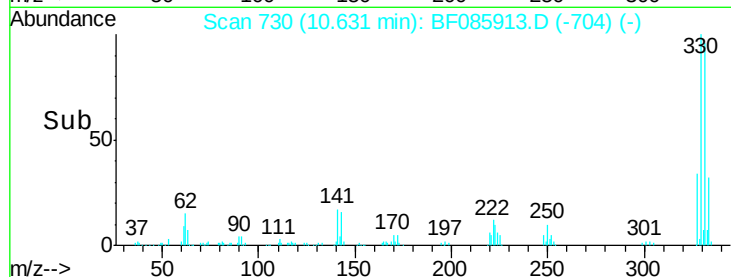
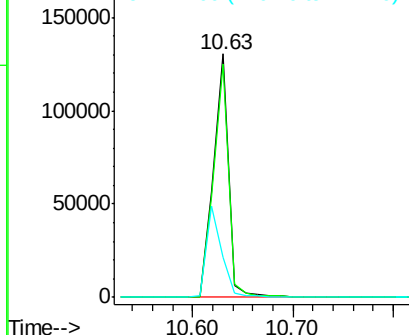
#41
 2,4,6-Tribromophenol
 Concen: 76.19 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085913.D
 Acq: 31 Mar 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-S

Tgt Ion:330 Resp: 137284
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 38.1 31.5 47.3

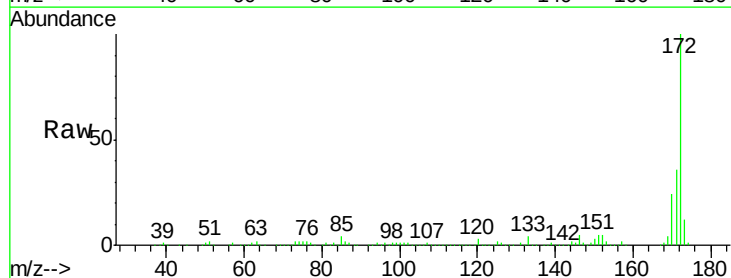


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

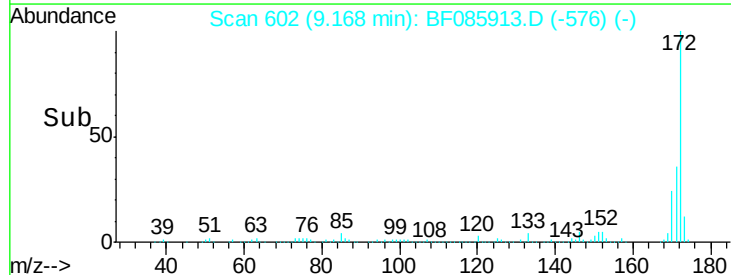
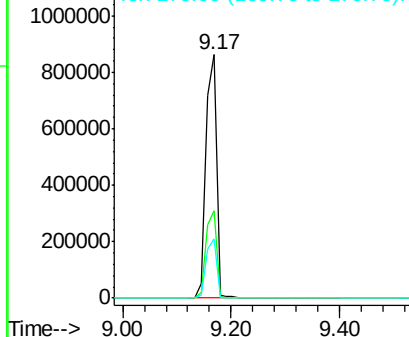


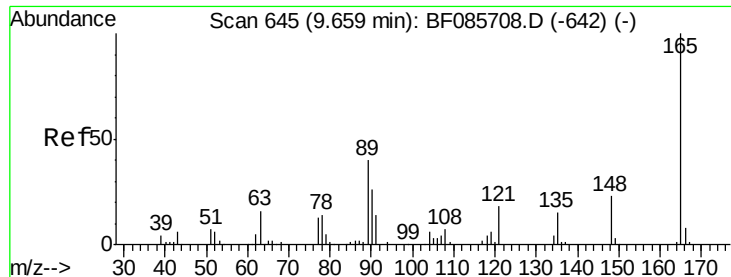
#44
 2-Fluorobiphenyl
 Concen: 100.80 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085913.D
 Acq: 31 Mar 2016 5:49

Tgt Ion:172 Resp: 1144138
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.3 19.8 29.6



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: 7.78 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.19 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-S

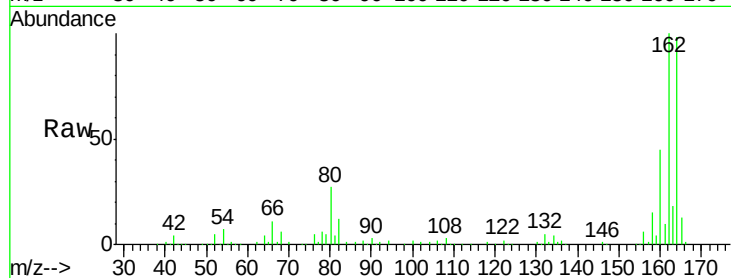
Tgt Ion:165 Resp: 24086

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

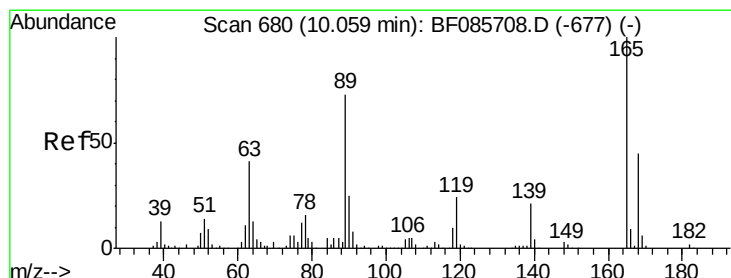
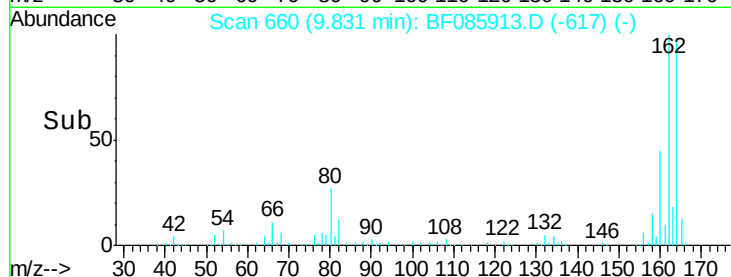
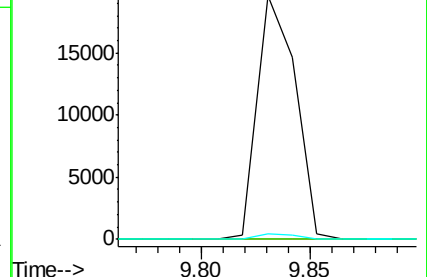
89 2.2 53.7 80.5#



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: 6.12 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Tgt Ion:165 Resp: 24087

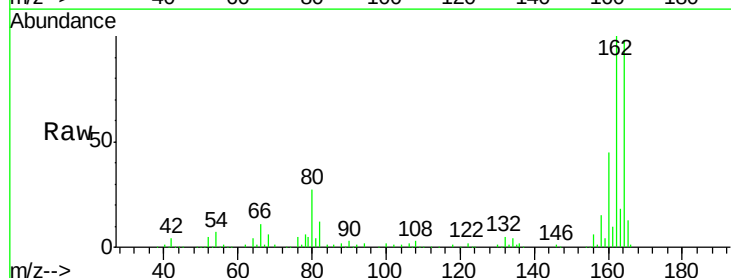
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 2.2 41.0 61.6#

182 0.0 2.1 3.1#

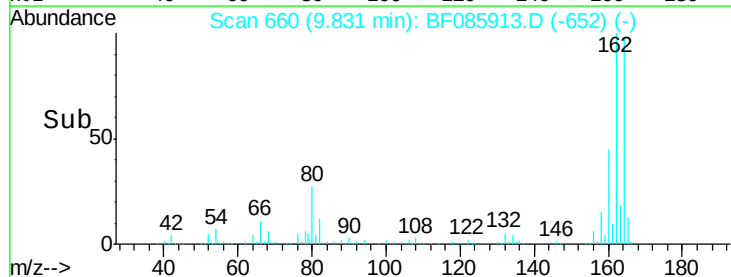
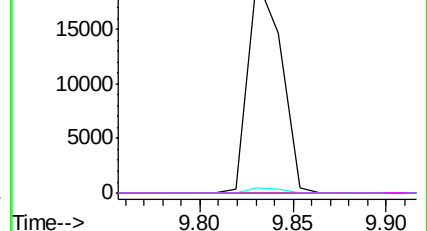


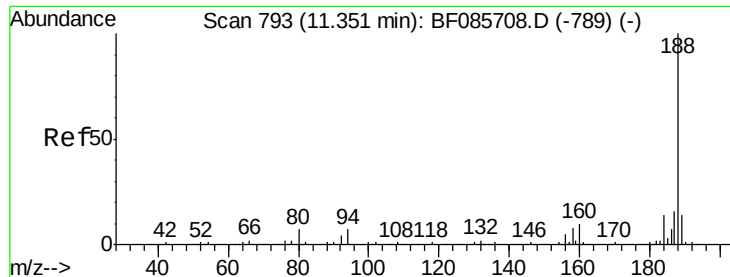
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

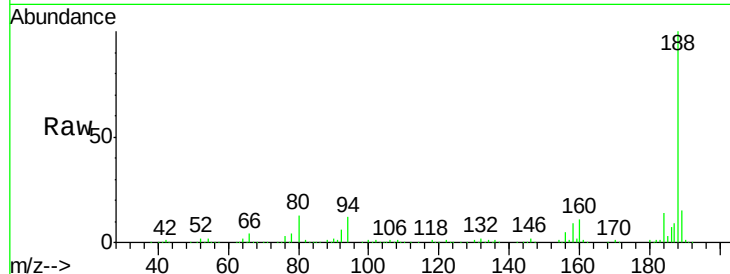




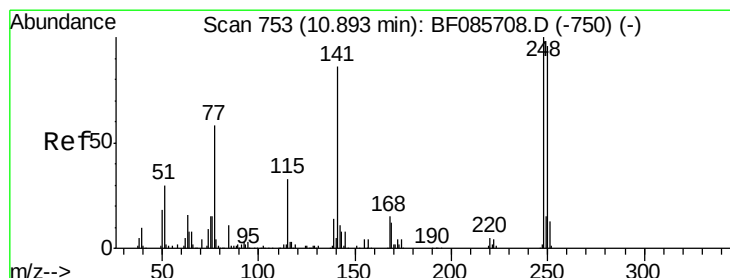
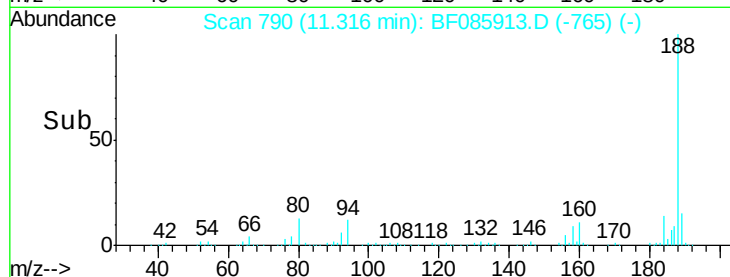
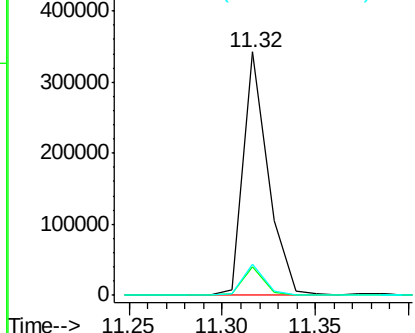
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085913.D
 Acq: 31 Mar 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 032416-P2EB-F-D-S

Tgt Ion:188 Resp: 318064
 Ion Ratio Lower Upper
 188 100
 94 11.9 5.4 8.0#
 80 13.0 5.5 8.3#

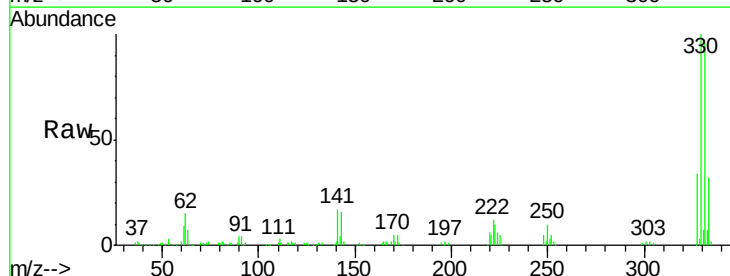


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

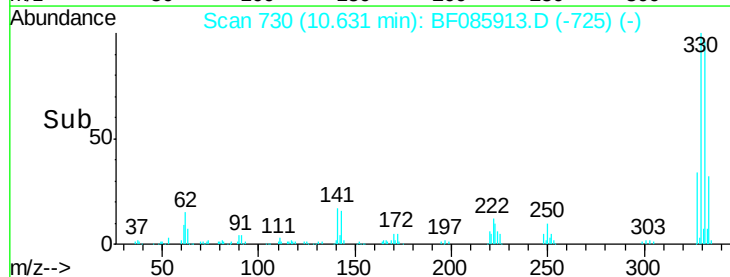
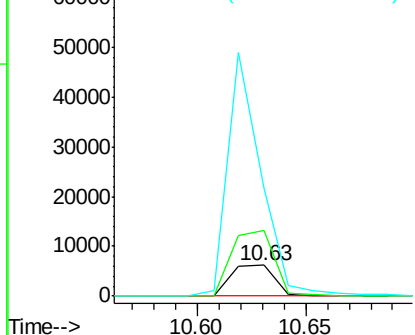


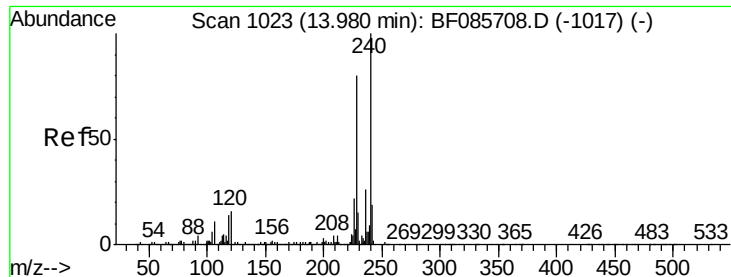
#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085913.D
 Acq: 31 Mar 2016 5:49

Tgt Ion:248 Resp: 8597
 Ion Ratio Lower Upper
 248 100
 250 212.8 77.4 116.0#
 141 348.5 63.6 95.4#



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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

Instrument :

BNA_F

ClientSampleId :

032416-P2EB-F-D-S

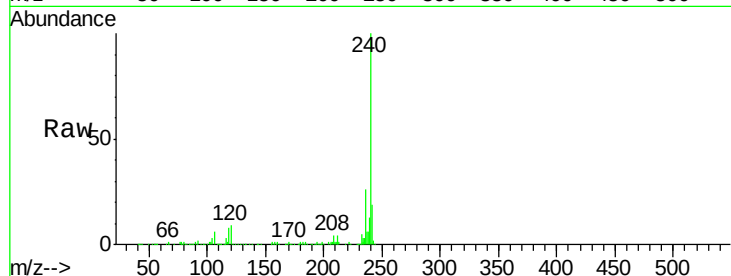
Tgt Ion:240 Resp: 238877

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

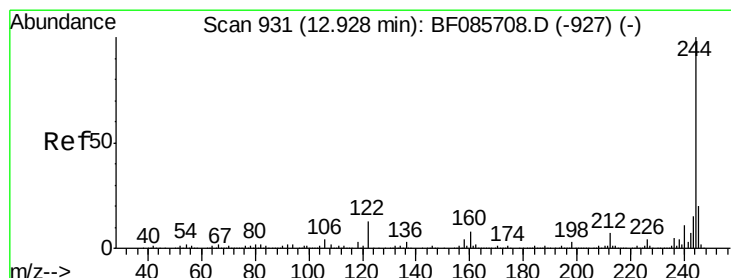
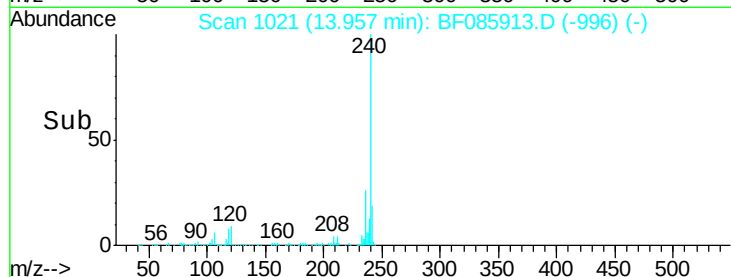
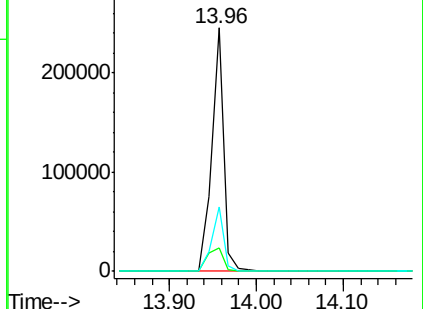
236 26.5 20.6 30.8



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: 70.51 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085913.D

Acq: 31 Mar 2016 5:49

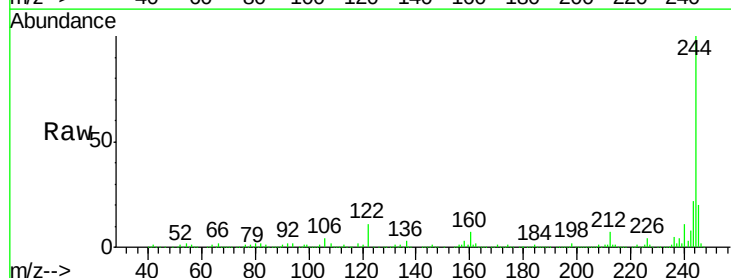
Tgt Ion:244 Resp: 818934

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

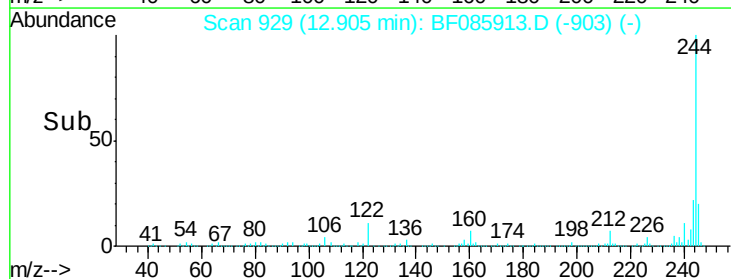
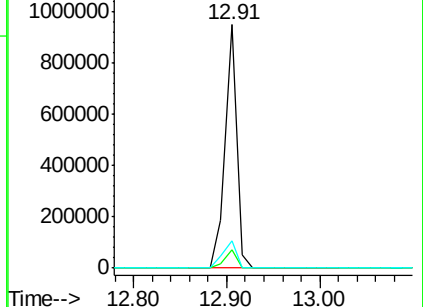
122 11.4 10.2 15.4

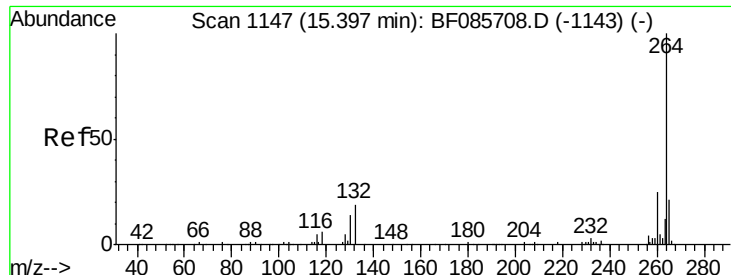


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085913.D
Acq: 31 Mar 2016 5:49

Instrument :
BNA_F
ClientSampleId :
032416-P2EB-F-D-S

Tgt Ion:	264	Resp:	230698
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.7	17.2	25.8

