

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085716.D
 Acq On : 24 Mar 2016 15:59
 Operator : UM/SJ
 Sample : PB88875BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BL

Quant Time: Mar 24 23:50:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

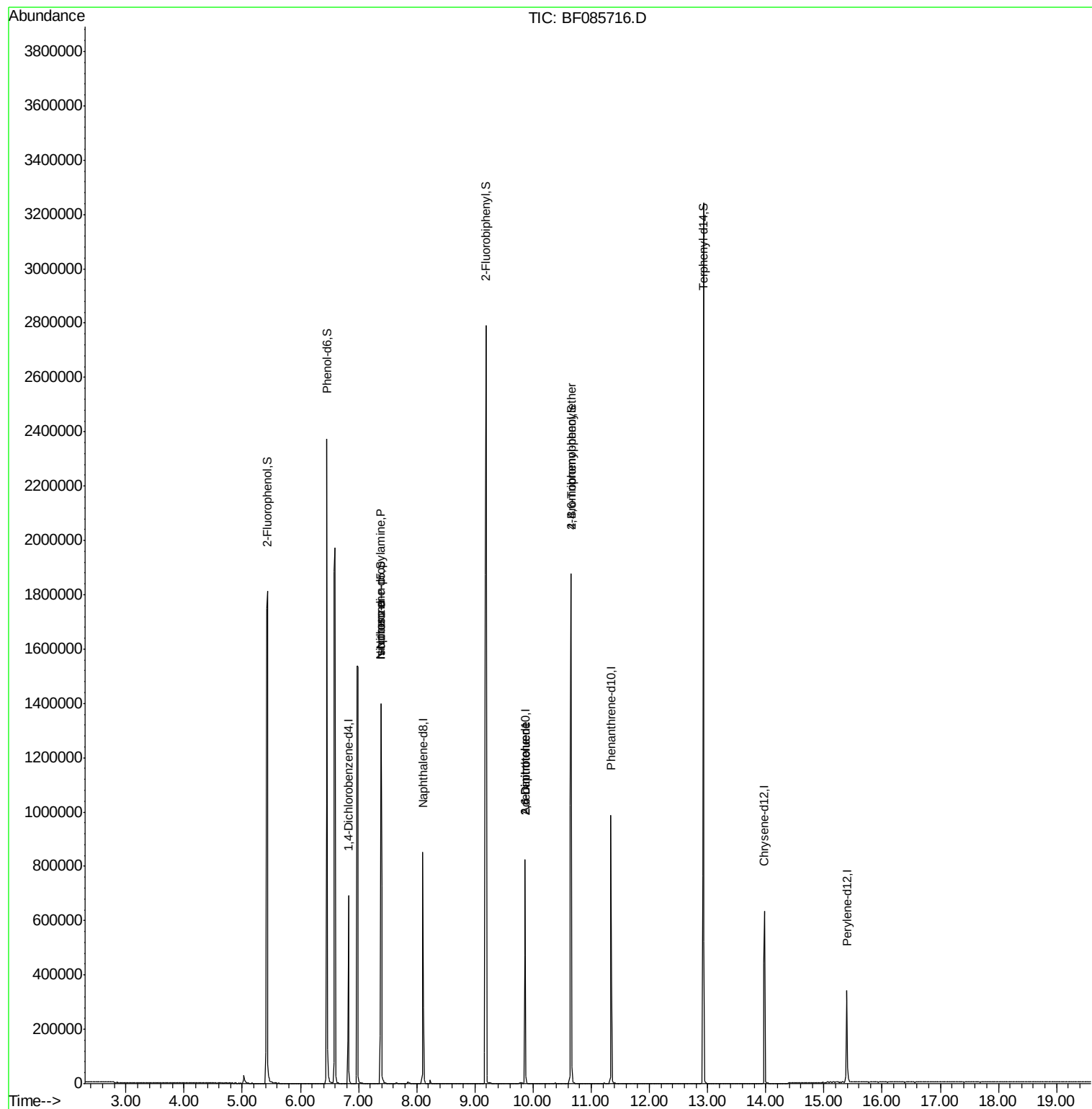
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106601	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	413382	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	198837	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	387509	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	291105	20.00	ng	0.00
86) Perylene-d12	15.40	264	190091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	827818	129.33	ng	0.02
7) Phenol-d6	6.46	99	951818	116.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	582894	79.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	289810	153.41	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1154783	97.03	ng	0.00
78) Terphenyl-d14	12.93	244	1039123	73.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	74903	15.37	ng	# 79
25) Isophorone	7.38	82	535858	37.89	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	25186	7.76	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	25186	6.10	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	18959	4.78	ng	# 1

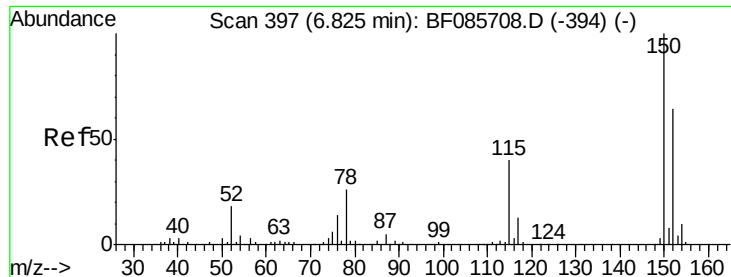
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085716.D
Acq On : 24 Mar 2016 15:59
Operator : UM/SJ
Sample : PB88875BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88875BL

Quant Time: Mar 24 23:50:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

Instrument :

BNA_F

ClientSampleId :

PB88875BL

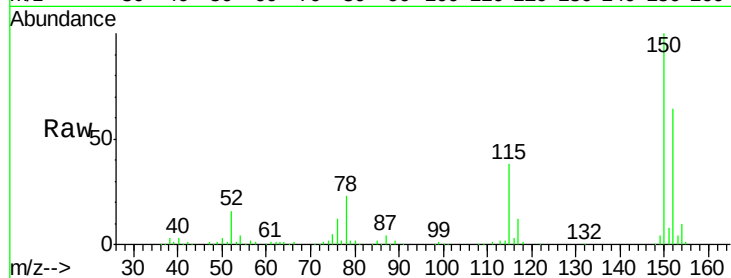
Tgt Ion:152 Resp: 106601

Ion Ratio Lower Upper

152 100

150 156.8 124.2 186.2

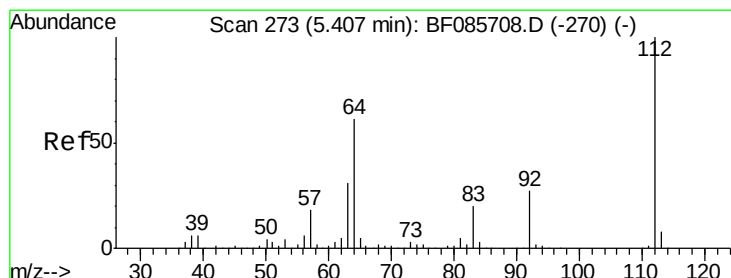
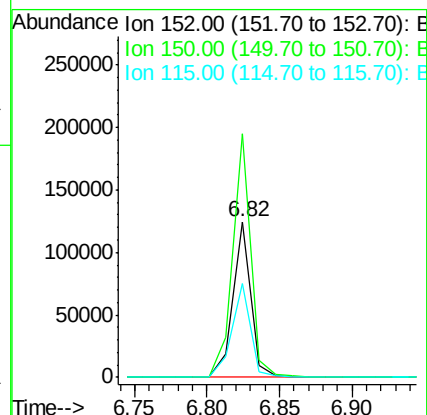
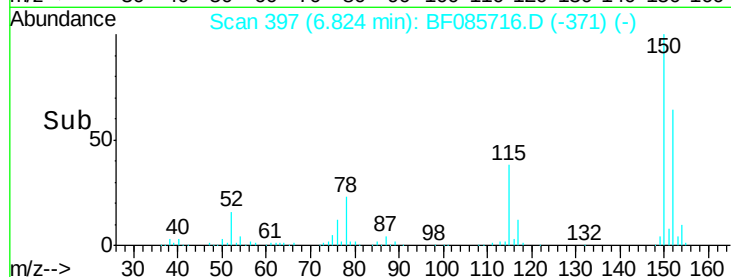
115 60.3 47.0 70.6



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: 129.33 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

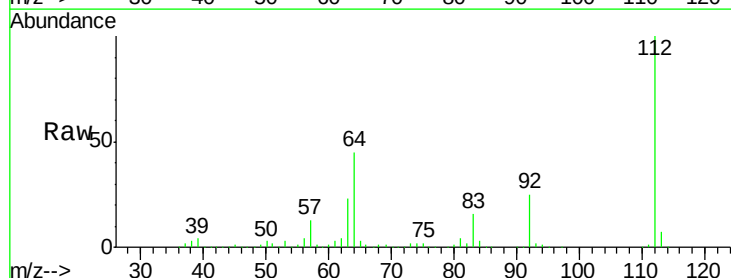
Tgt Ion:112 Resp: 827818

Ion Ratio Lower Upper

112 100

64 45.2 39.9 59.9

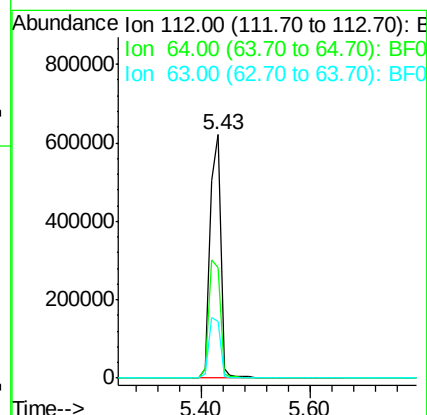
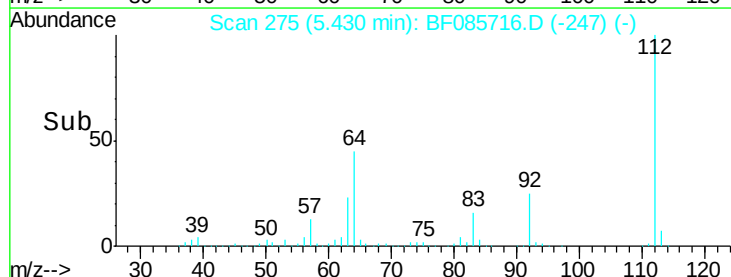
63 23.1 20.2 30.2

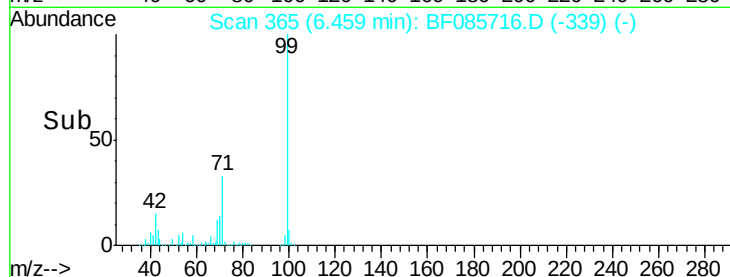
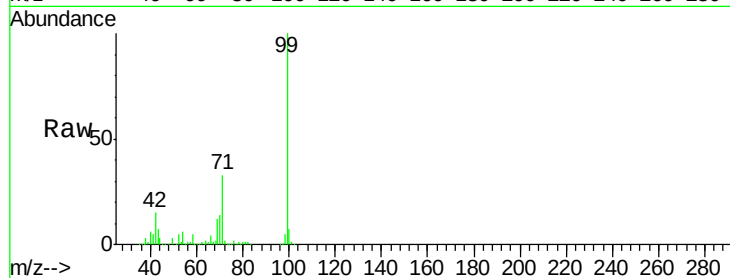
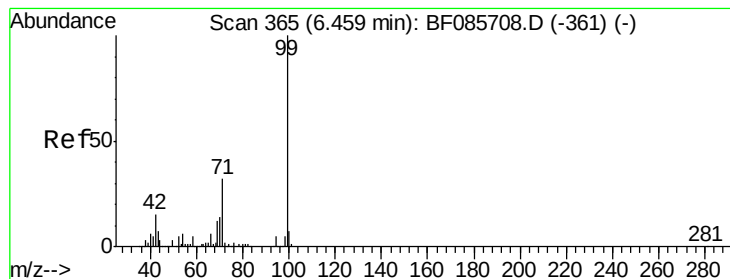


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.96 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

Instrument :

BNA_F

ClientSampleId :

PB88875BL

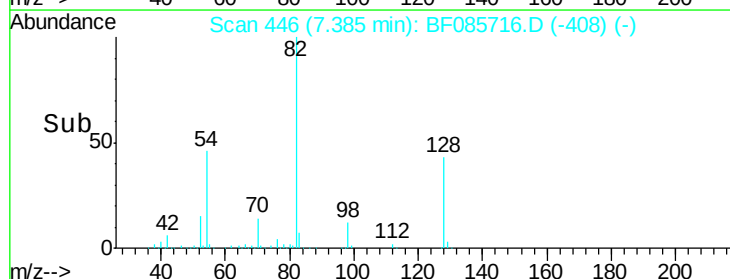
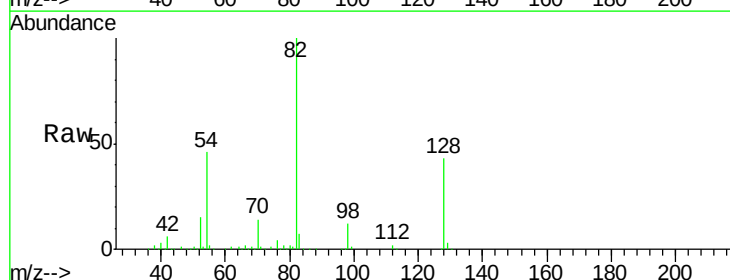
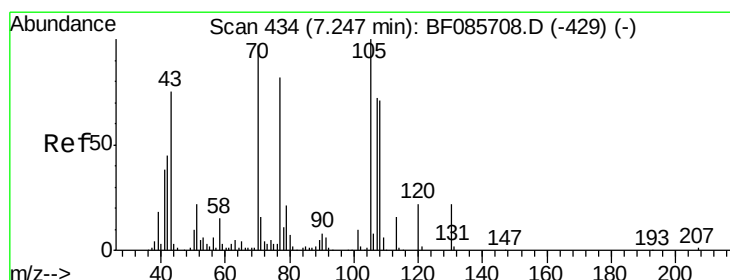
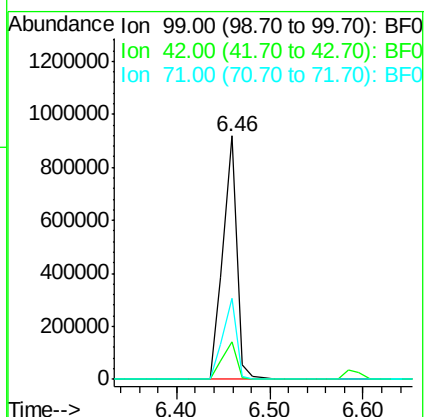
Tgt Ion: 99 Resp: 951818

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 33.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.37 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

Tgt Ion: 70 Resp: 74903

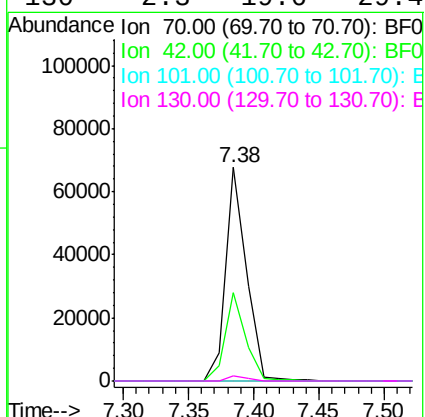
Ion Ratio Lower Upper

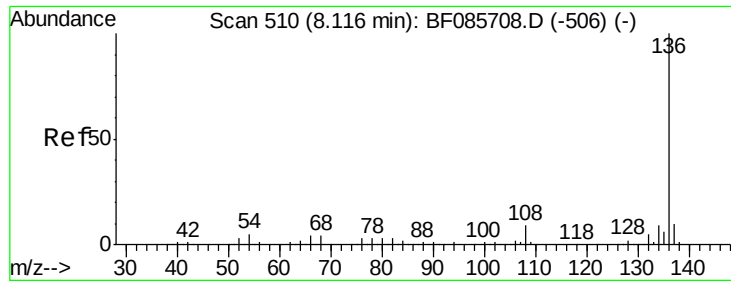
70 100

42 41.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

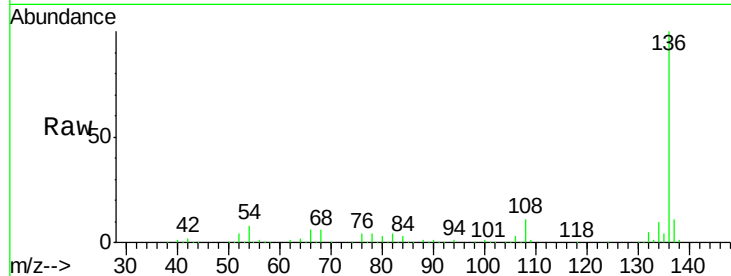




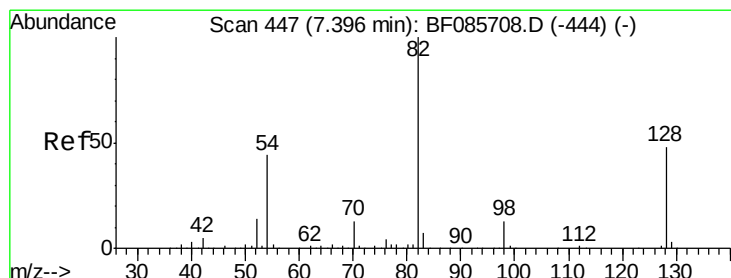
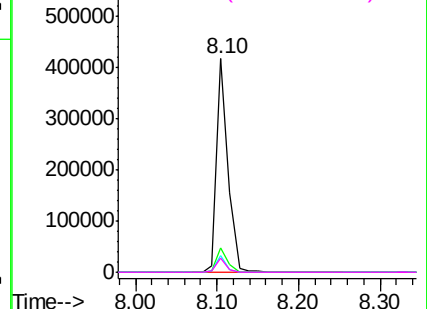
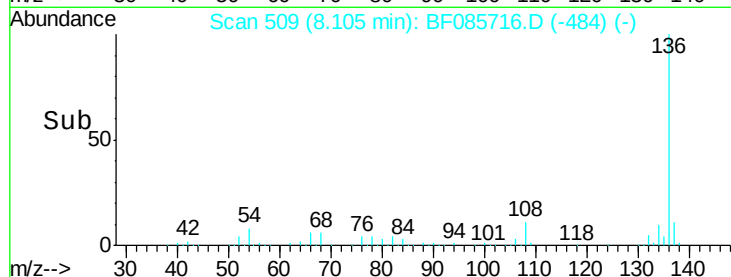
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Instrument :
BNA_F
ClientSampleId :
PB88875BL

Tgt Ion:	136	Resp:	413382
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.9	7.4	11.0
68	6.4	5.8	8.8

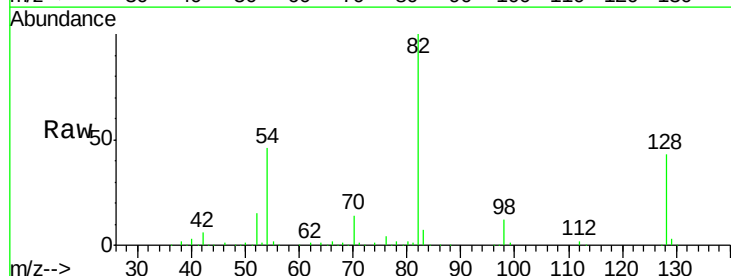


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

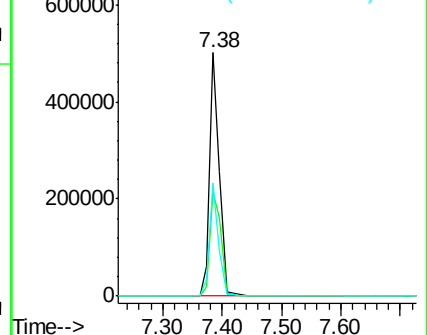
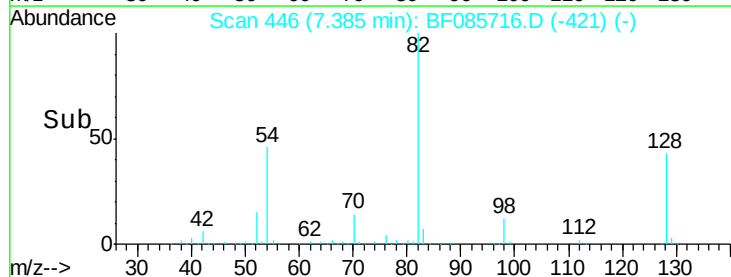


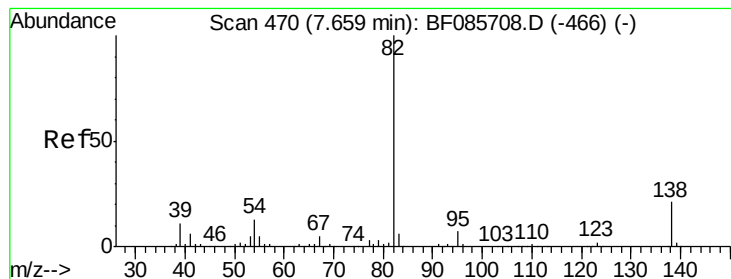
#23
Nitrobenzene-d5
Concen: 79.41 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Tgt Ion:	82	Resp:	582894
Ion	Ratio	Lower	Upper
82	100		
128	42.8	41.8	62.8
54	46.5	33.4	50.0



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





#25

Isophorone

Concen: 37.89 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.27 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

Instrument :

BNA_F

ClientSampleId :

PB88875BL

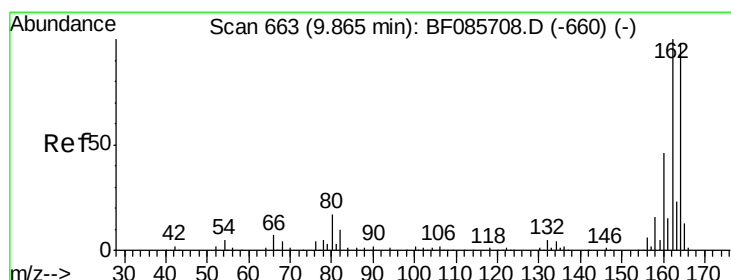
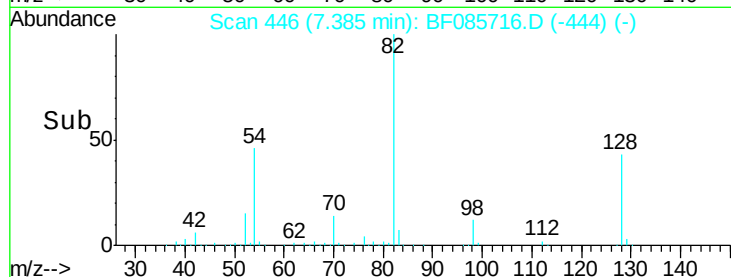
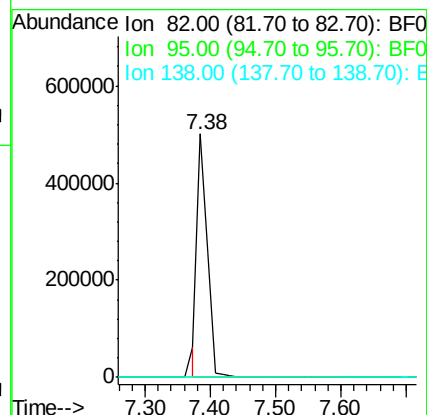
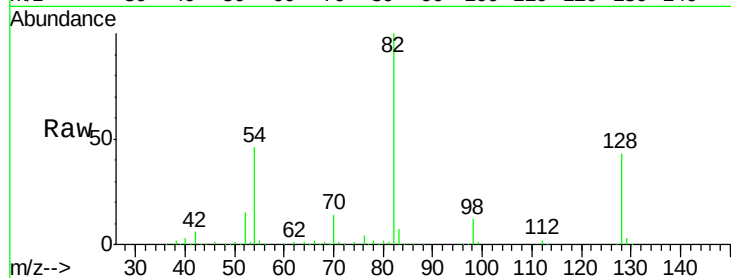
Tgt Ion: 82 Resp: 535858

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

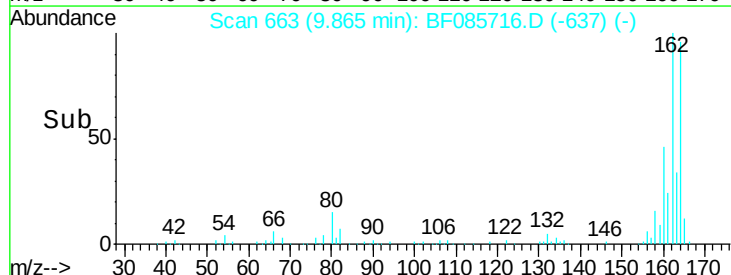
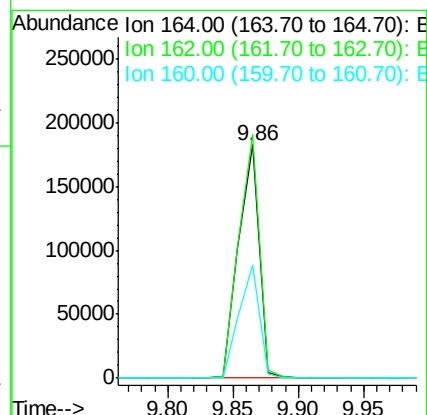
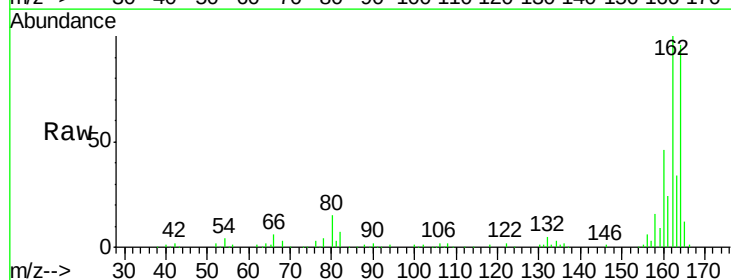
Tgt Ion: 164 Resp: 198837

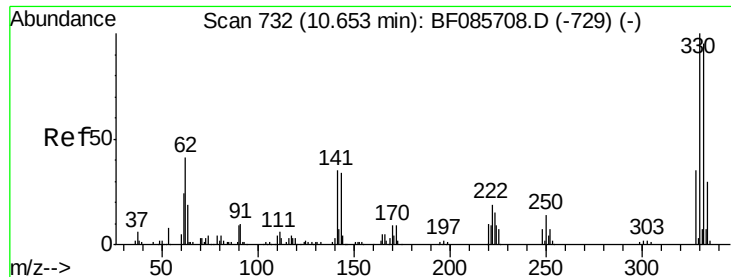
Ion Ratio Lower Upper

164 100

162 104.6 82.1 123.1

160 48.4 37.4 56.2

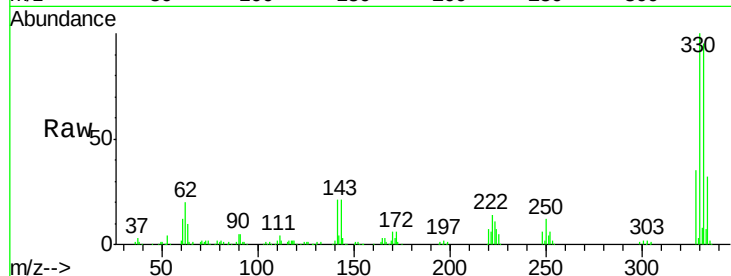




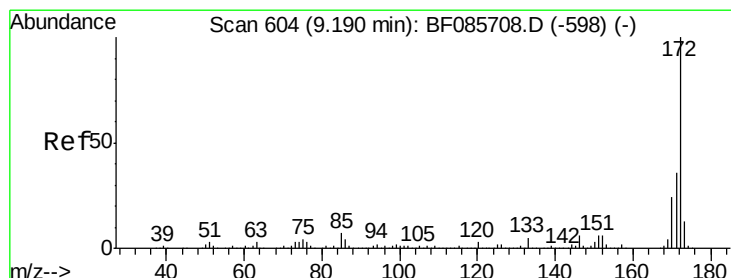
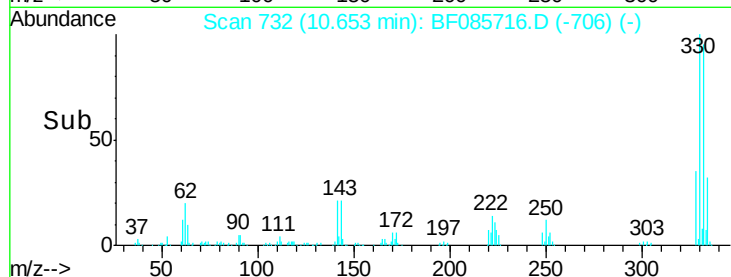
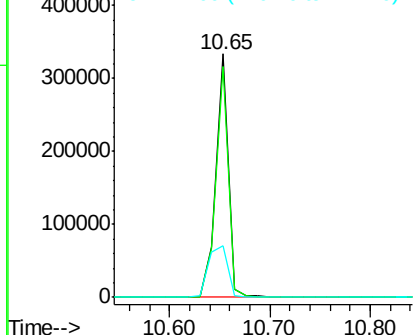
#41
 2,4,6-Tribromophenol
 Concen: 153.41 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Instrument :
 BNA_F
 ClientSampled :
 PB88875BL

Tgt Ion:330 Resp: 289810
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.2 117.2
 141 32.9 31.5 47.3

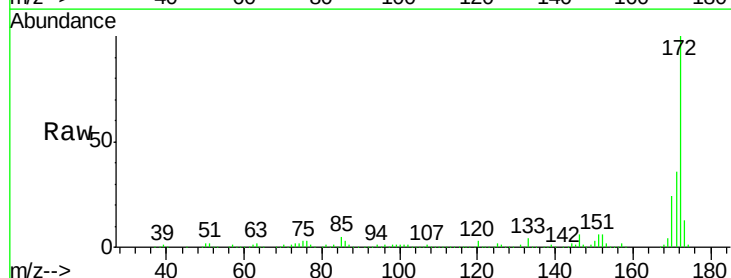


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

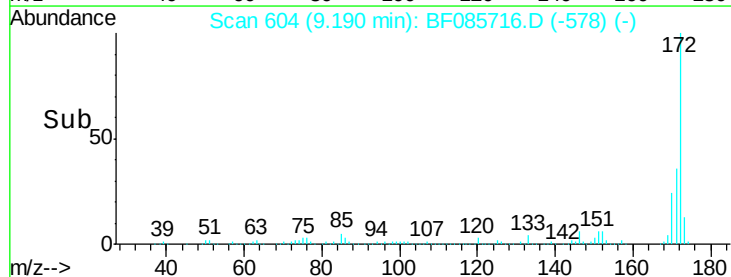
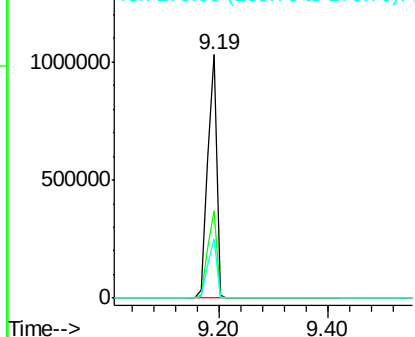


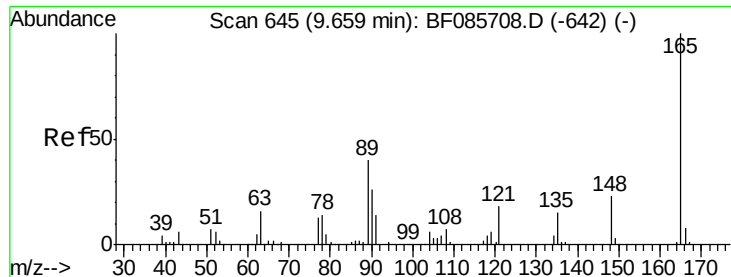
#44
 2-Fluorobiphenyl
 Concen: 97.03 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Tgt Ion:172 Resp: 1154783
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

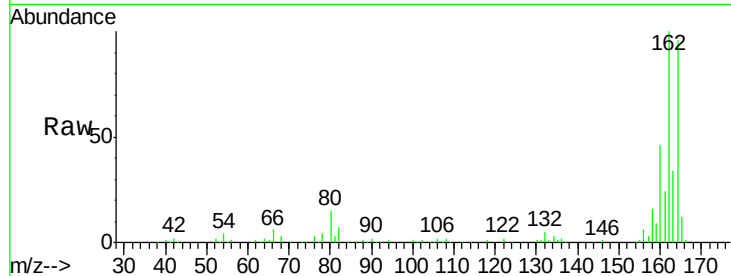




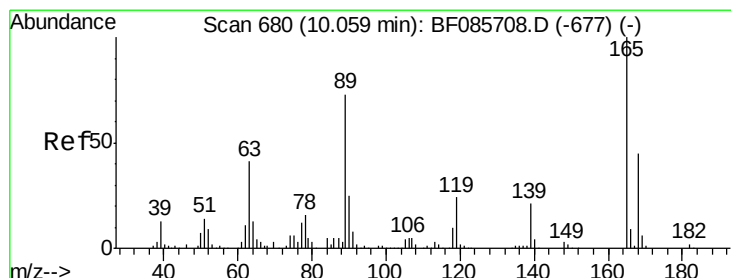
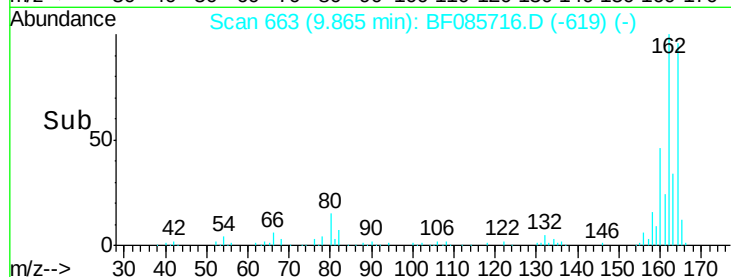
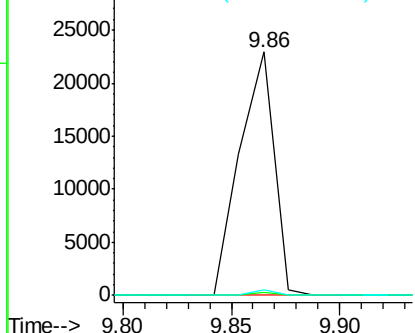
#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BL

Tgt Ion:165 Resp: 25186
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 2.1 53.7 80.5#



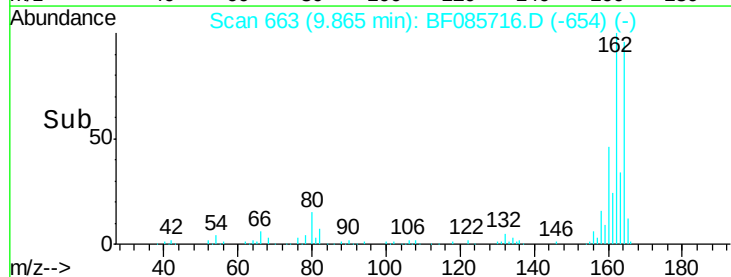
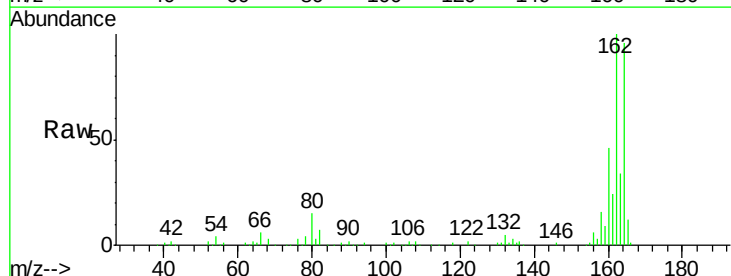
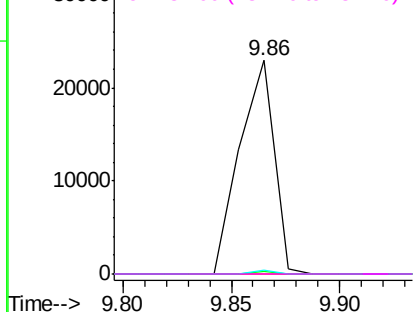
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

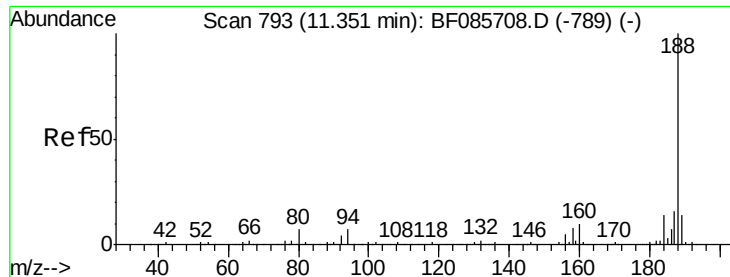


#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Tgt Ion:165 Resp: 25186
 Ion Ratio Lower Upper
 165 100
 63 1.4 24.9 37.3#
 89 2.1 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

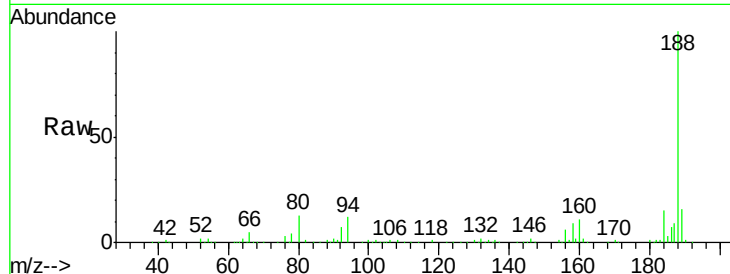




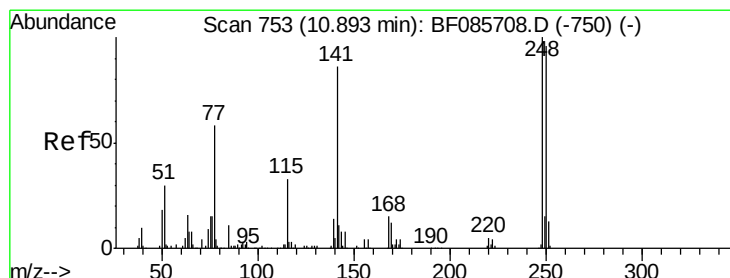
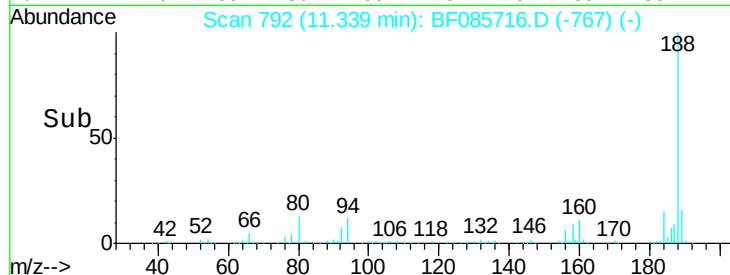
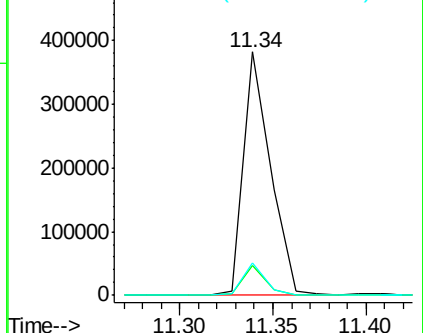
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Instrument :
BNA_F
ClientSampleId :
PB88875BL

Tgt Ion:188 Resp: 387509
Ion Ratio Lower Upper
188 100
94 12.5 5.4 8.0#
80 13.3 5.5 8.3#

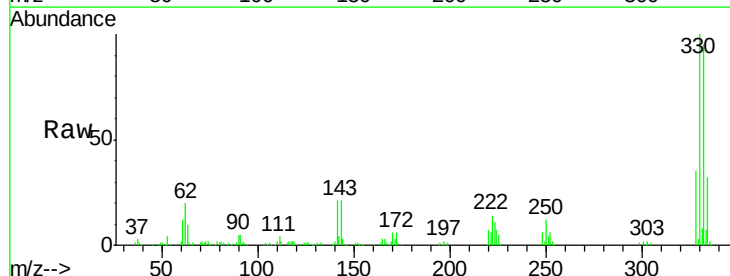


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

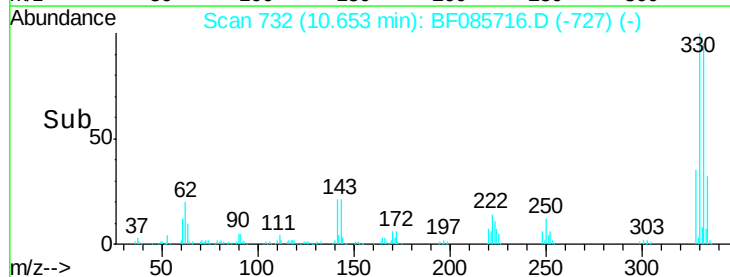
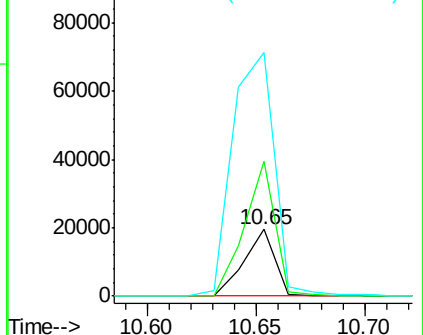


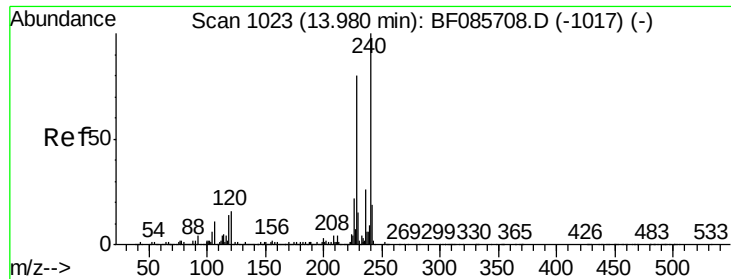
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Tgt Ion:248 Resp: 18959
Ion Ratio Lower Upper
248 100
250 201.8 77.4 116.0#
141 365.0 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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

Instrument :

BNA_F

ClientSampleId :

PB8875BL

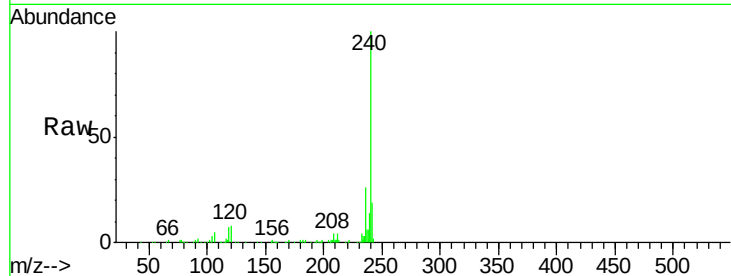
Tgt Ion:240 Resp: 291105

Ion Ratio Lower Upper

240 100

120 8.2 13.8 20.8#

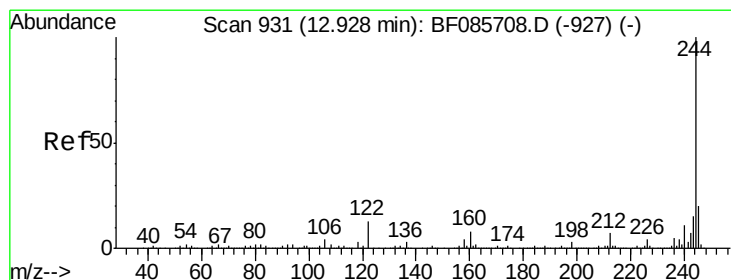
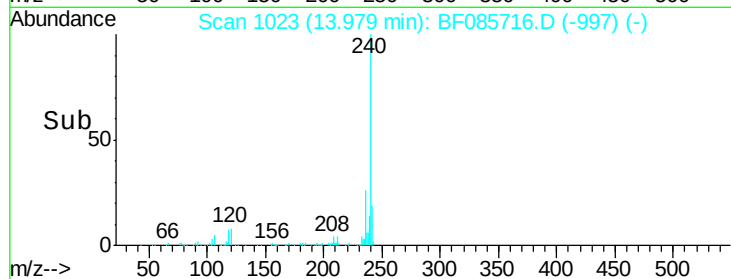
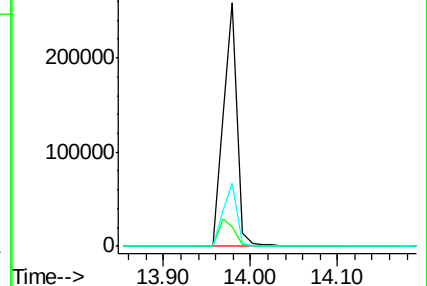
236 26.0 20.6 30.8



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: 73.41 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

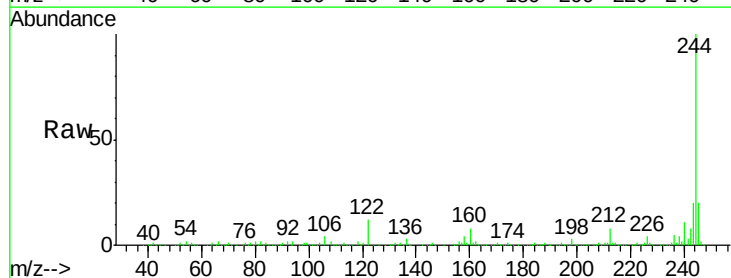
Tgt Ion:244 Resp: 1039123

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

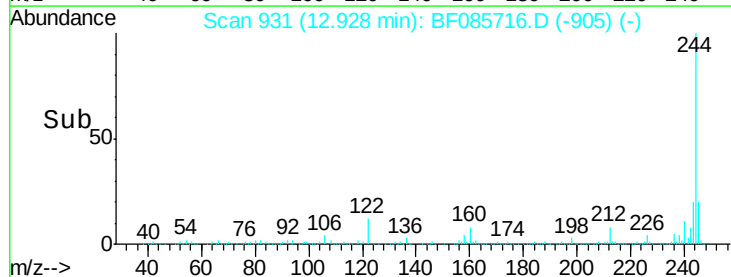
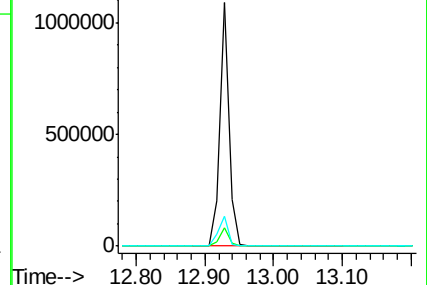
122 12.4 10.2 15.4

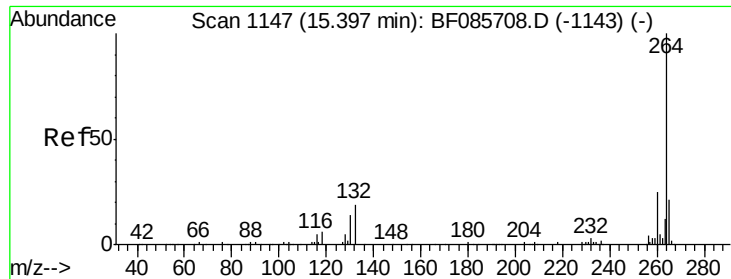


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Instrument :
BNA_F
ClientSampleId :
PB88875BL

Tgt Ion:	264	Resp:	190091
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.3	17.2	25.8

