

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085916.D
 Acq On : 31 Mar 2016 7:13
 Operator : UM/SJ
 Sample : H2018-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-22(0.5-15)

Quant Time: Mar 31 06:59:18 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

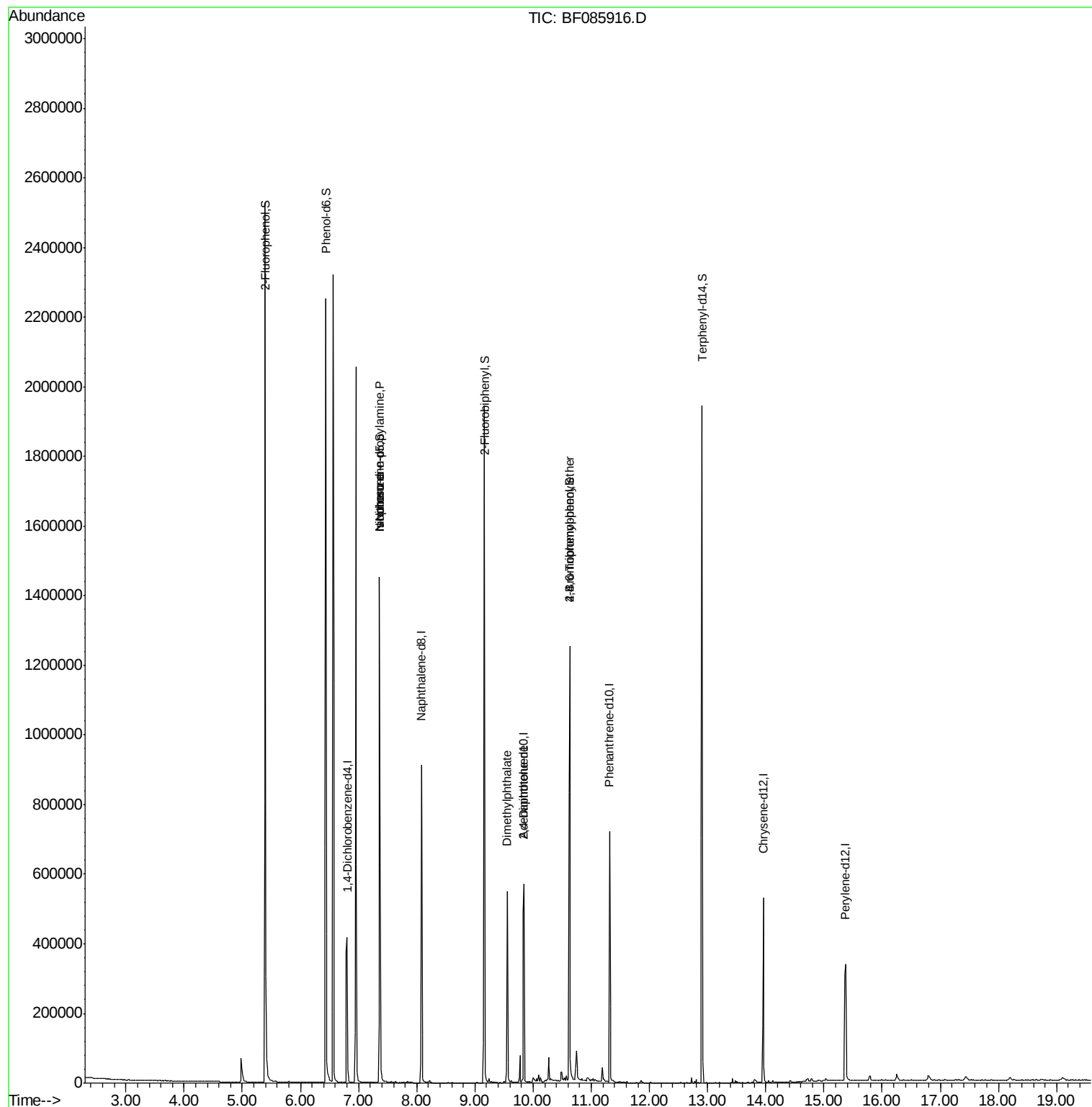
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97358	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	395775	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	160092	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270054	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	190820	20.00	ng	-0.01
86) Perylene-d12	15.37	264	188077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	796186	136.20	ng	0.00
7) Phenol-d6	6.44	99	921244	123.95	ng	-0.01
23) Nitrobenzene-d5	7.36	82	572392	81.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	203678	133.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	912811	95.26	ng	0.00
78) Terphenyl-d14	12.90	244	623280	67.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	74315	16.70	ng	# 78
25) Isophorone	7.36	82	533272	39.39	ng	# 68
49) Dimethylphthalate	9.56	163	201440	16.59	ng	99
56) 2,4-Dinitrotoluene	9.84	165	20059	6.04	ng	# 35
66) 4-Bromophenyl-phenylether	10.63	248	12715	4.60	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: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-22(0.5-15)

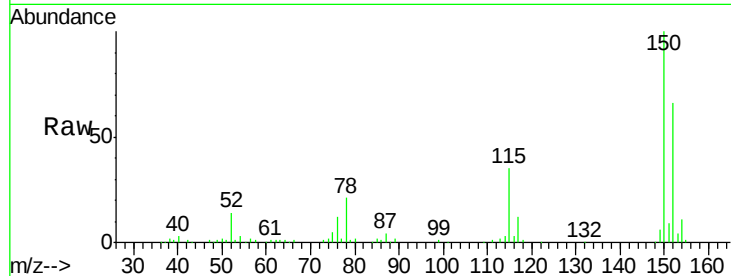
Tgt Ion:152 Resp: 97358

Ion Ratio Lower Upper

152 100

150 150.5 124.2 186.2

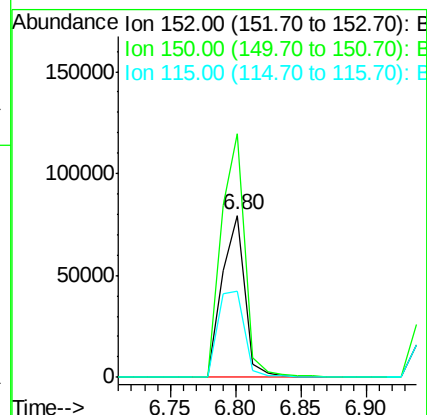
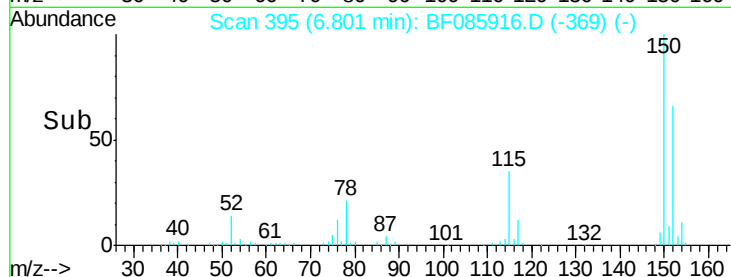
115 53.4 47.0 70.6



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: 136.20 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

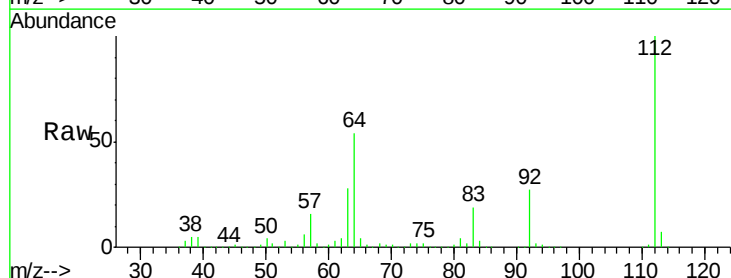
Tgt Ion:112 Resp: 796186

Ion Ratio Lower Upper

112 100

64 54.4 39.9 59.9

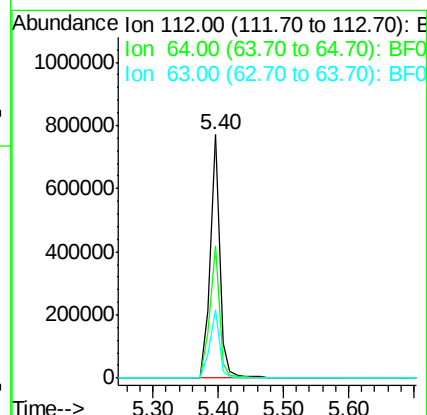
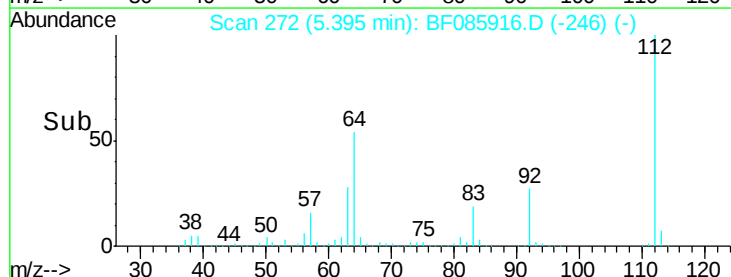
63 27.8 20.2 30.2



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: 123.95 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-22(0.5-15)

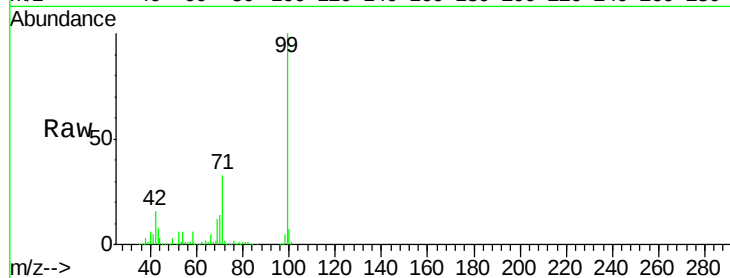
Tgt Ion: 99 Resp: 921244

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

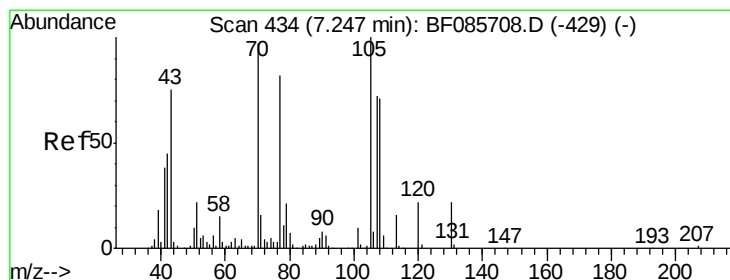
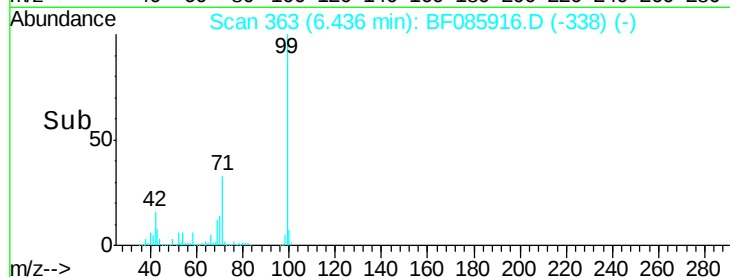
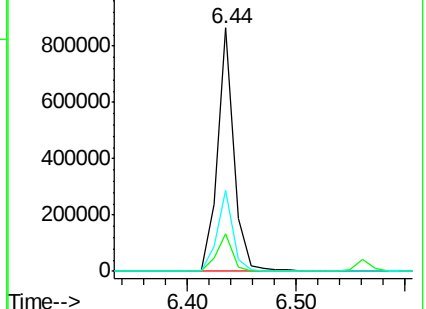
71 33.3 24.9 37.3



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: 16.70 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

Tgt Ion: 70 Resp: 74315

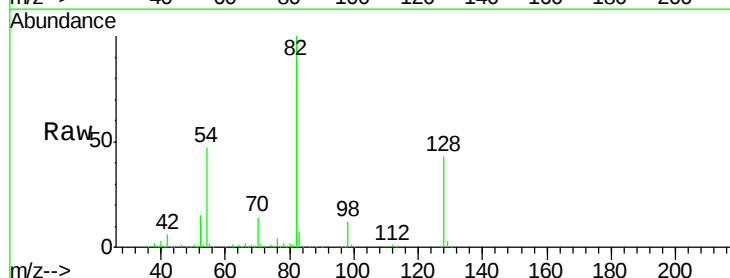
Ion Ratio Lower Upper

70 100

42 41.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.0 19.6 29.4#

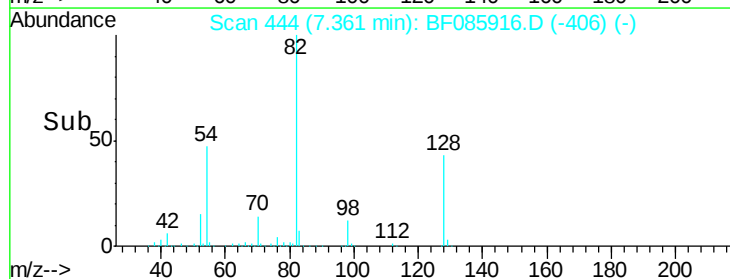
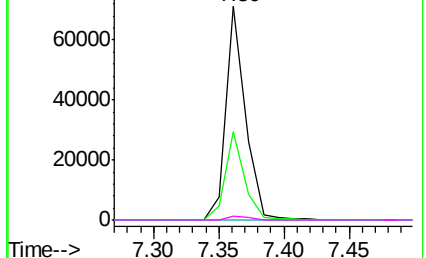


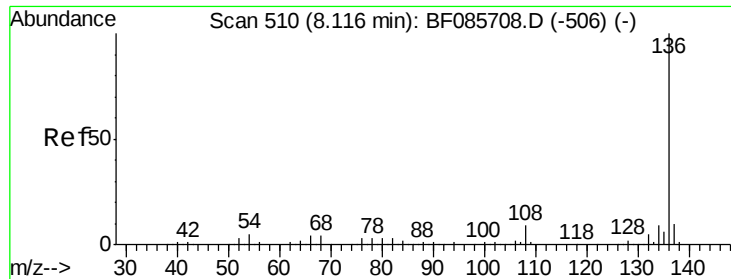
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

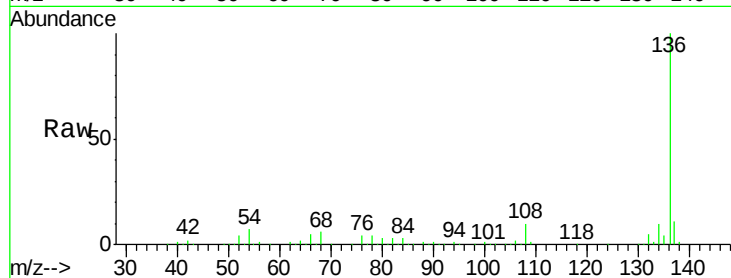




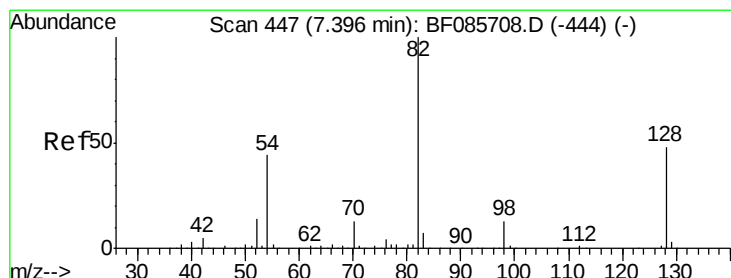
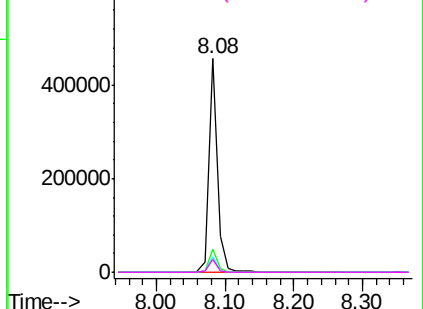
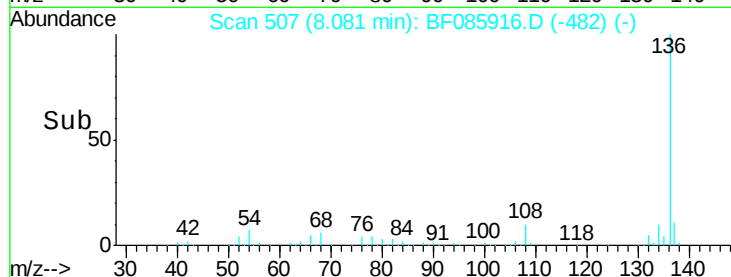
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-22(0.5-15)

Tgt Ion:	136	Resp:	395775
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	7.4	11.0#
68	5.9	5.8	8.8

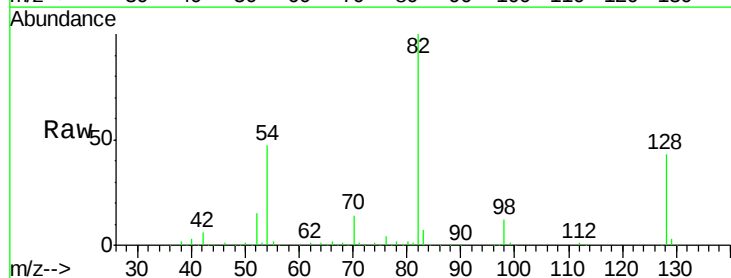


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

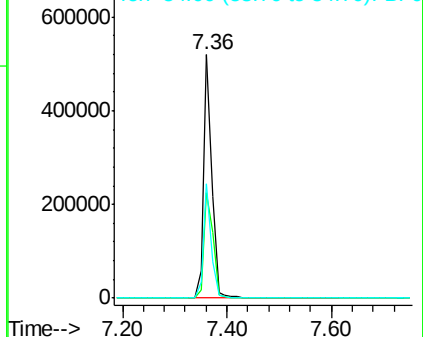
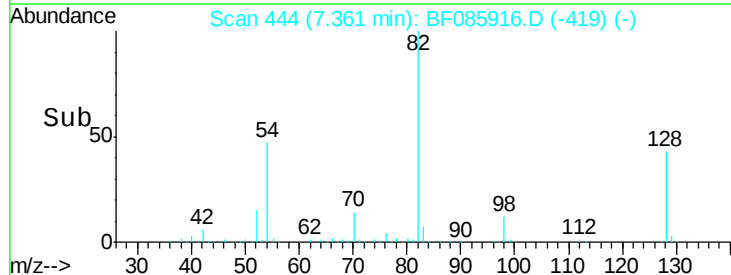


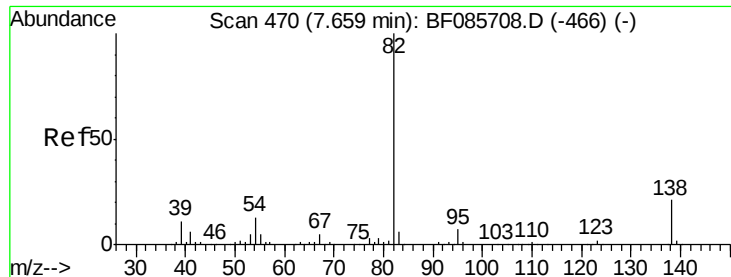
#23
Nitrobenzene-d5
Concen: 81.44 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Tgt Ion:	82	Resp:	572392
Ion	Ratio	Lower	Upper
82	100		
128	43.3	41.8	62.8
54	47.0	33.4	50.0



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: 39.39 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-22(0.5-15)

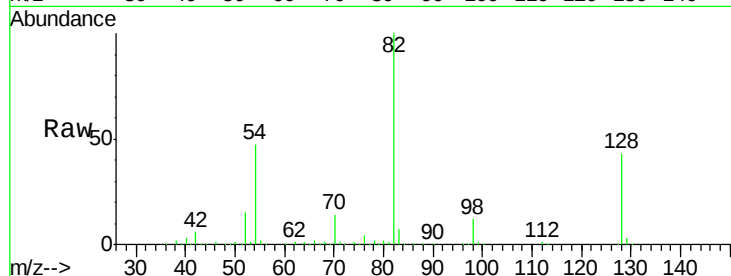
Tgt Ion: 82 Resp: 533272

Ion Ratio Lower Upper

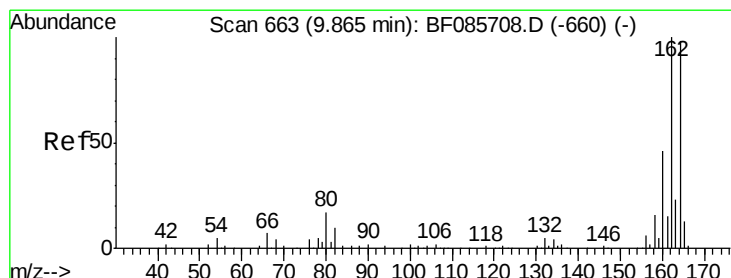
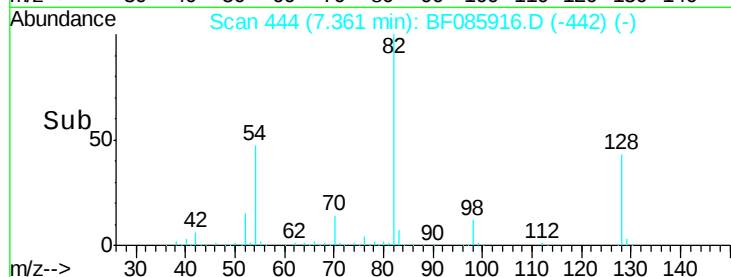
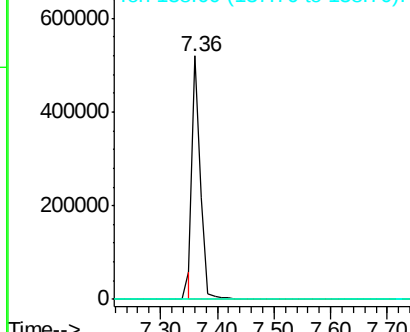
82 100

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: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

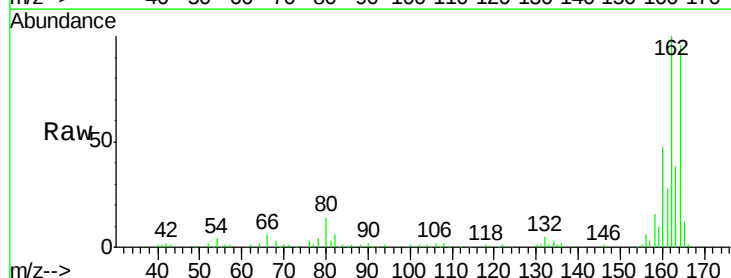
Tgt Ion: 164 Resp: 160092

Ion Ratio Lower Upper

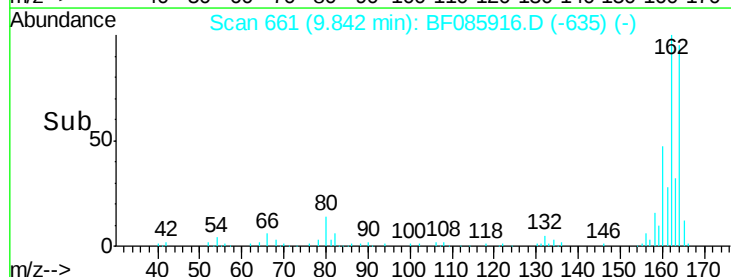
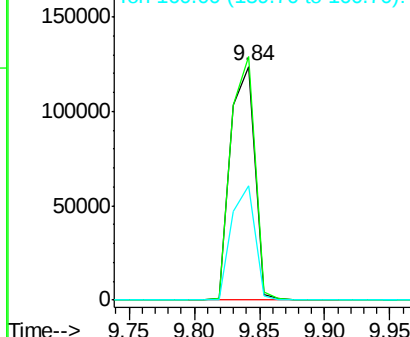
164 100

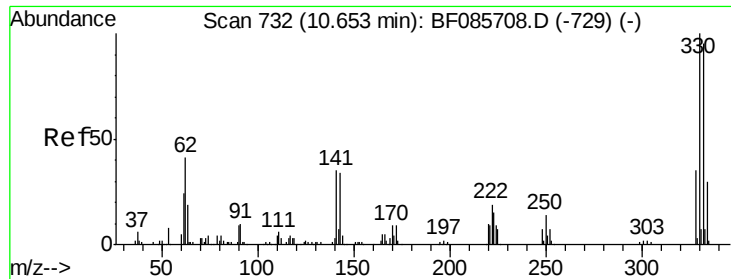
162 104.1 82.1 123.1

160 48.9 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

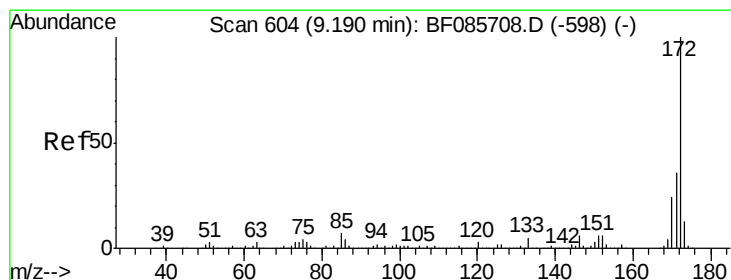
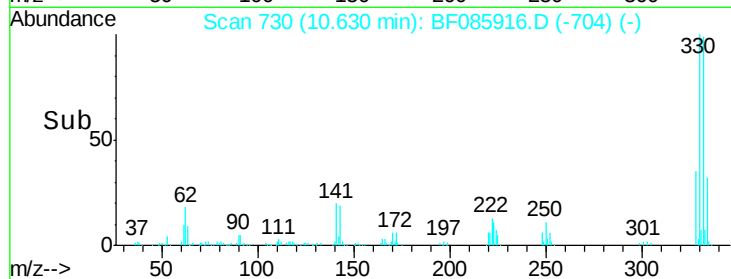
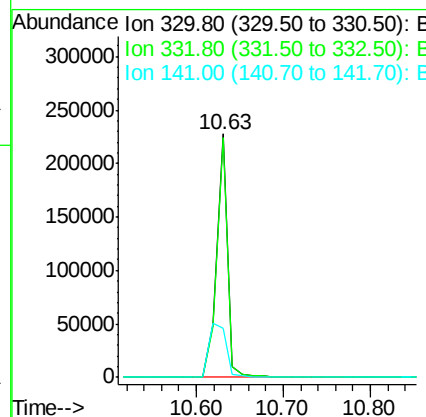
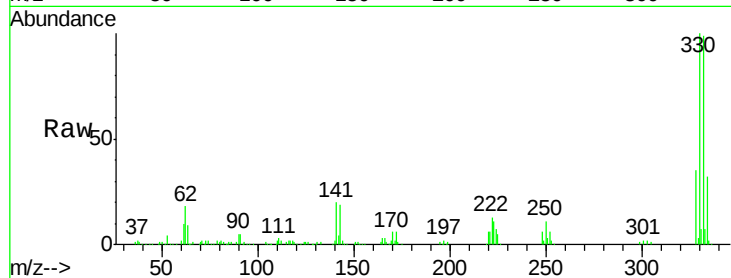




#41
 2,4,6-Tribromophenol
 Concen: 133.91 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085916.D
 Acq: 31 Mar 2016 7:13

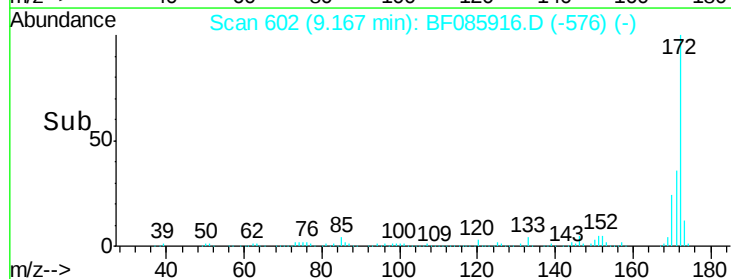
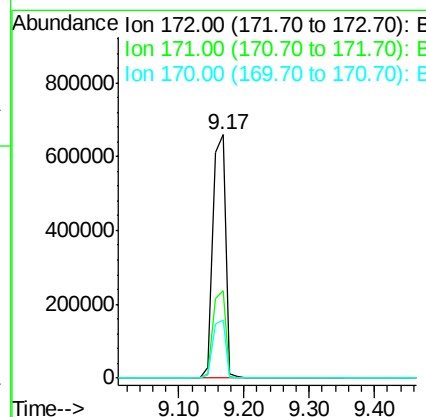
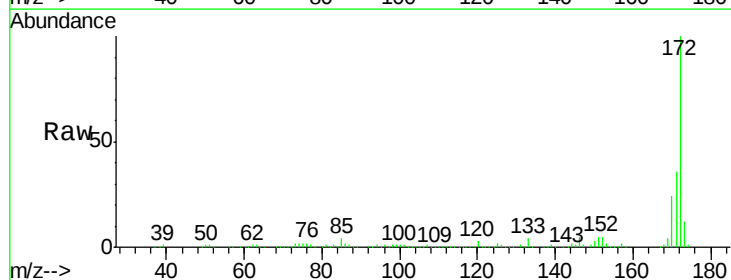
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-22(0.5-15)

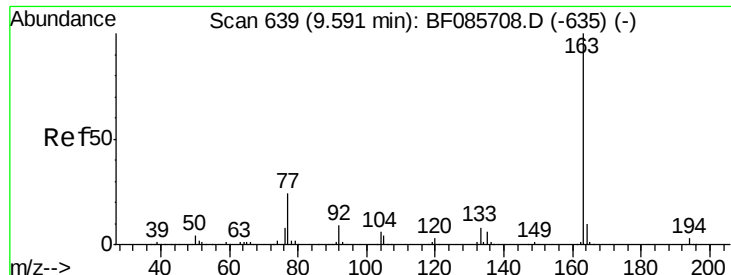
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.2
141	34.8	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 95.26 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085916.D
 Acq: 31 Mar 2016 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.0	19.8	29.6

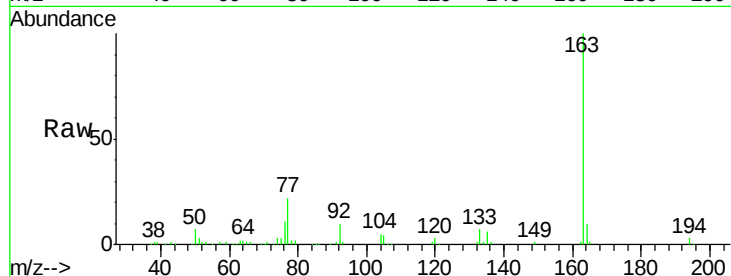




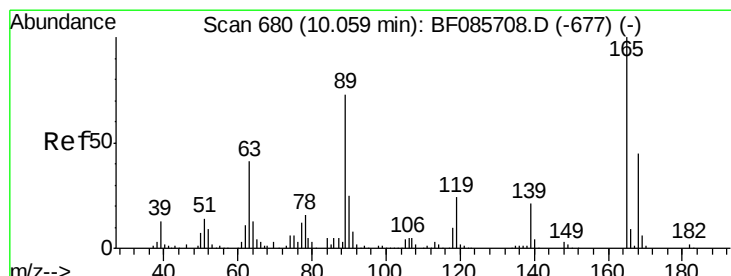
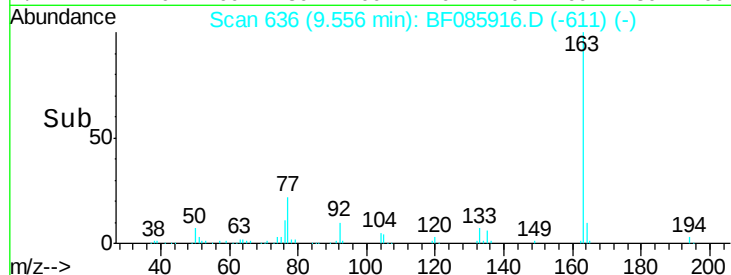
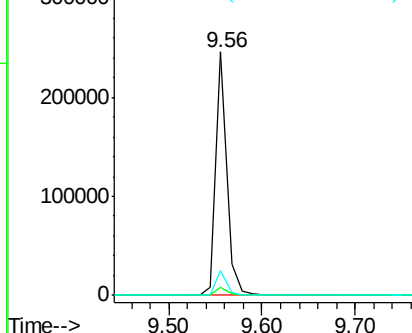
#49
Dimethylphthalate
Concen: 16.59 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-22(0.5-15)

Tgt Ion:163 Resp: 201440
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.1 8.3 12.5

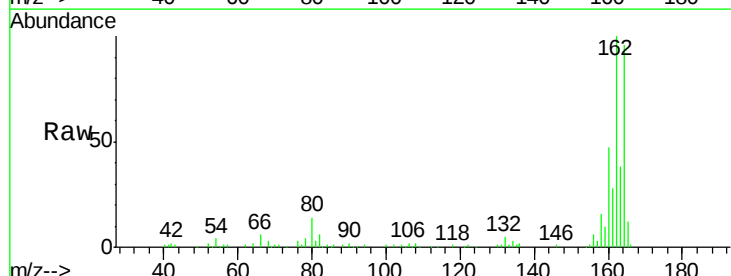


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

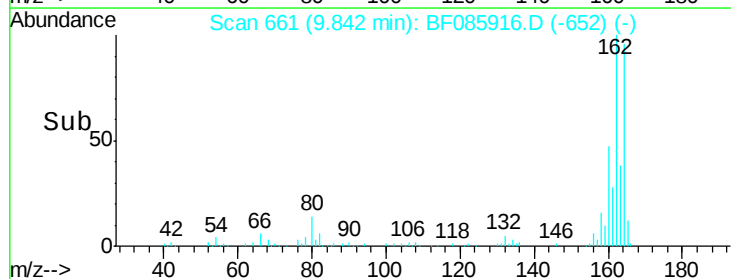
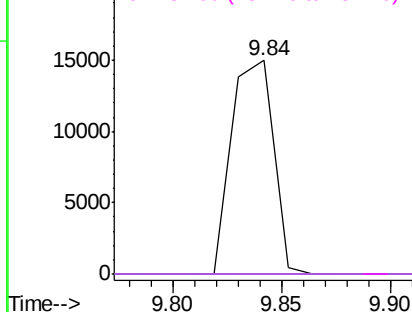


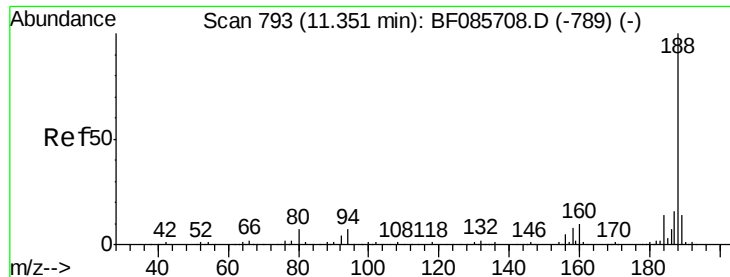
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Tgt Ion:165 Resp: 20059
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 0.0 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

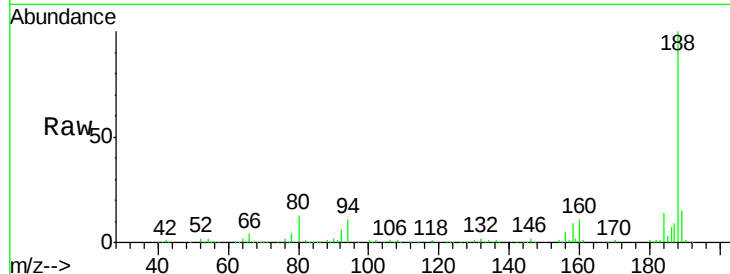




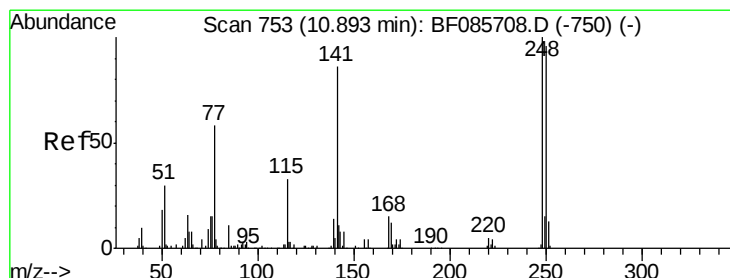
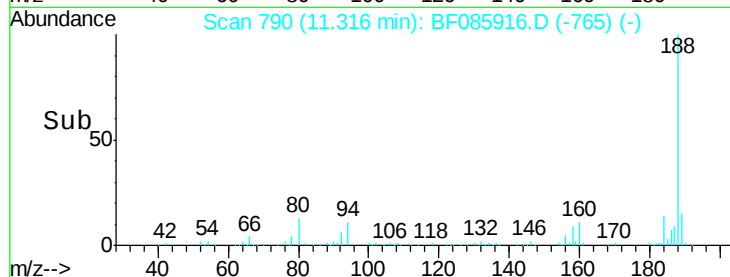
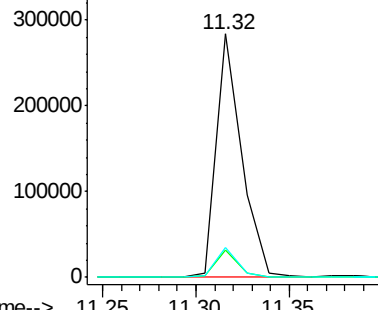
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-22(0.5-15)

Tgt Ion:188 Resp: 270054
Ion Ratio Lower Upper
188 100
94 11.5 5.4 8.0#
80 12.5 5.5 8.3#

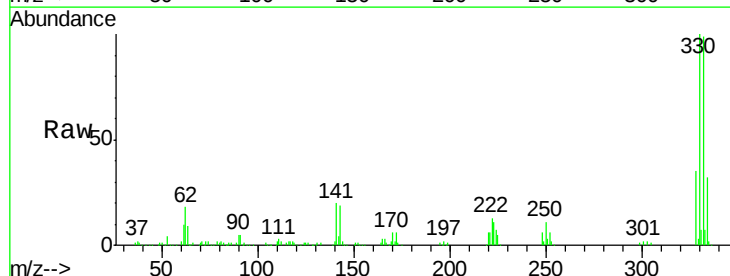


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

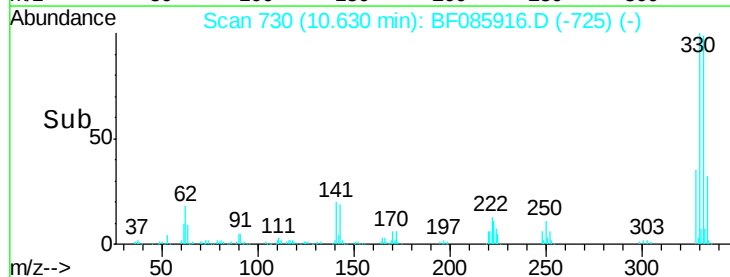
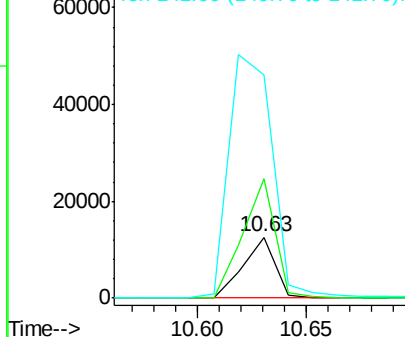


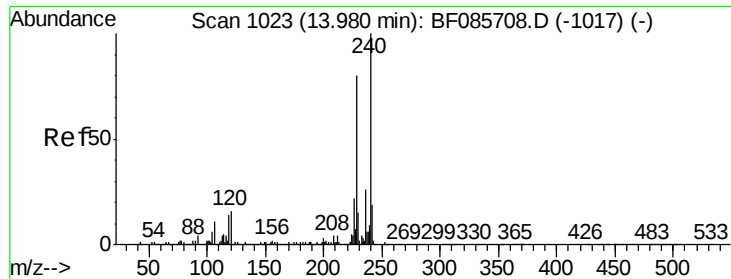
#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Tgt Ion:248 Resp: 12715
Ion Ratio Lower Upper
248 100
250 196.2 77.4 116.0#
141 366.0 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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-22(0.5-15)

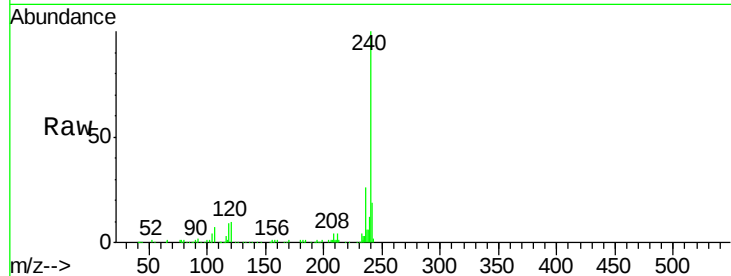
Tgt Ion:240 Resp: 190820

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

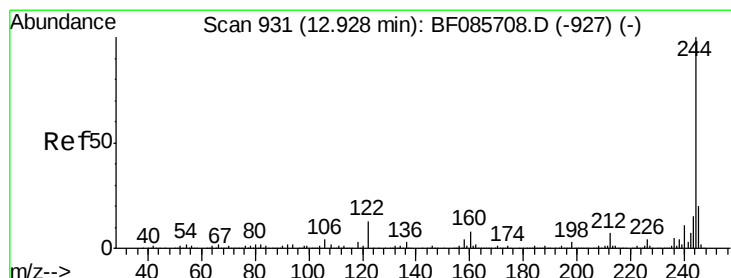
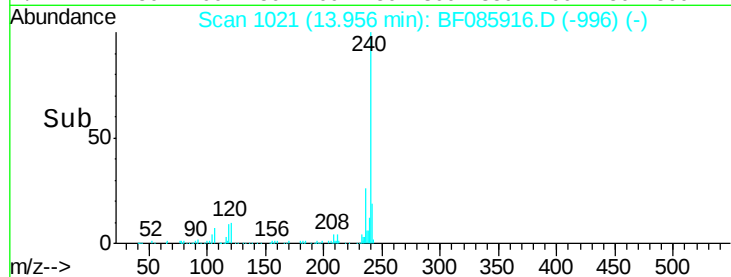
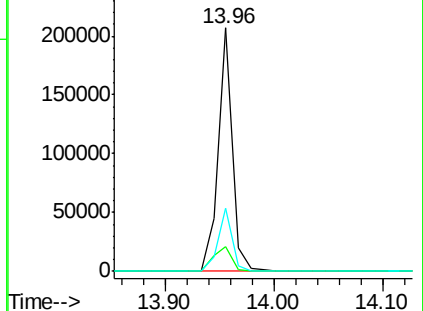
236 26.0 20.6 30.8



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: 67.17 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085916.D

Acq: 31 Mar 2016 7:13

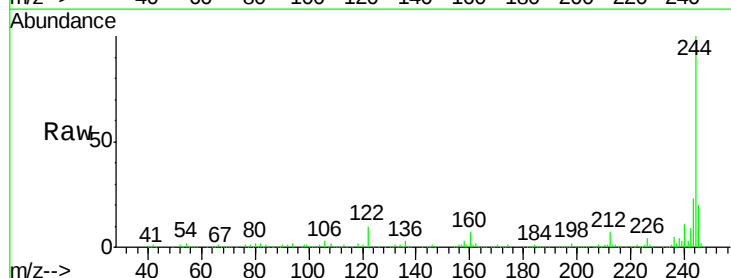
Tgt Ion:244 Resp: 623280

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

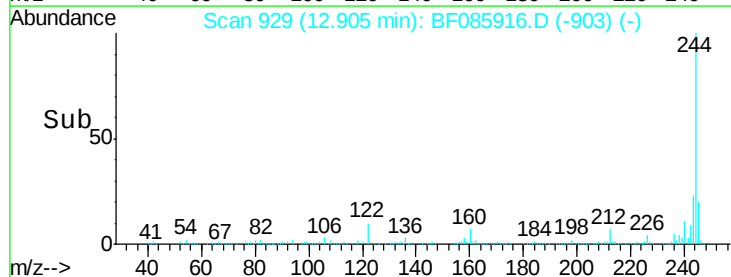
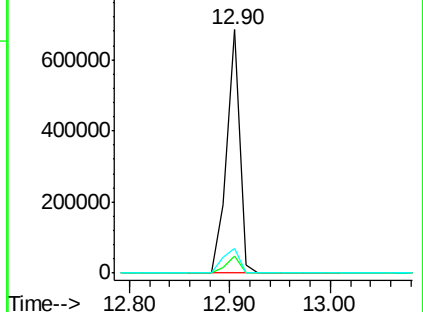
122 10.3 10.2 15.4

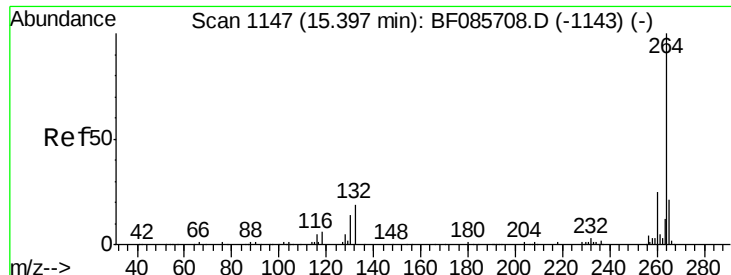


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

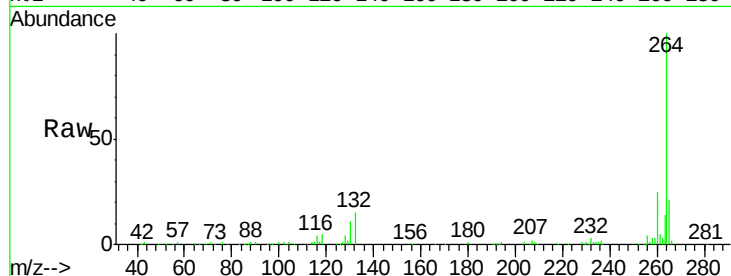




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085916.D
Acq: 31 Mar 2016 7:13

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-22(0.5-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8



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

