

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085917.D
 Acq On : 31 Mar 2016 7:41
 Operator : UM/SJ
 Sample : H2018-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-03(0.5-15)

Quant Time: Mar 31 07:06:30 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

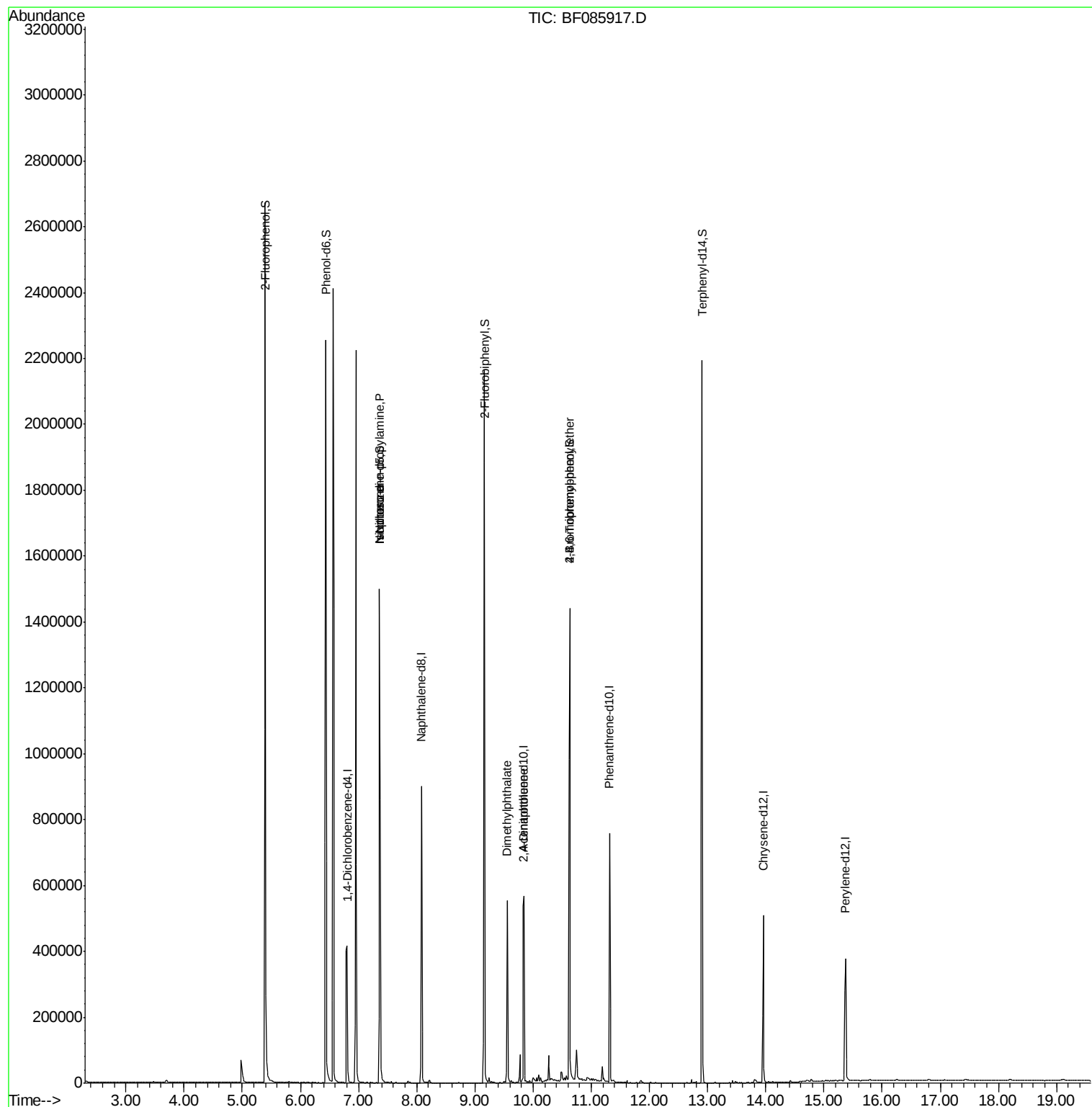
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99231	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	396022	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	165311	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	284389	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	195745	20.00	ng	-0.01
86) Perylene-d12	15.37	264	194663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	876167	147.05	ng	0.00
7) Phenol-d6	6.44	99	1019858	134.62	ng	-0.01
23) Nitrobenzene-d5	7.36	82	652783	92.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	241393	153.69	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1012371	102.32	ng	0.00
78) Terphenyl-d14	12.90	244	698060	73.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	82636	18.22	ng	# 79
25) Isophorone	7.36	82	605050	44.66	ng	# 68
49) Dimethylphthalate	9.56	163	200732	16.00	ng	100
56) 2,4-Dinitrotoluene	9.83	165	20030	5.84	ng	# 35
66) 4-Bromophenyl-phenylether	10.63	248	15042	5.17	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085917.D
Acq On : 31 Mar 2016 7:41
Operator : UM/SJ
Sample : H2018-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-03(0.5-15)

Quant Time: Mar 31 07:06:30 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: BF085917.D

Acq: 31 Mar 2016 7:41

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-03(0.5-15)

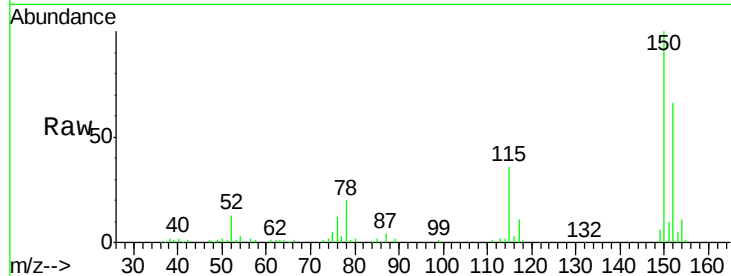
Tgt Ion:152 Resp: 99231

Ion Ratio Lower Upper

152 100

150 151.9 124.2 186.2

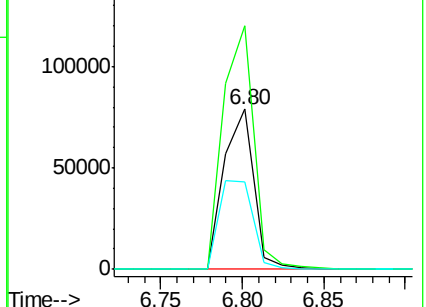
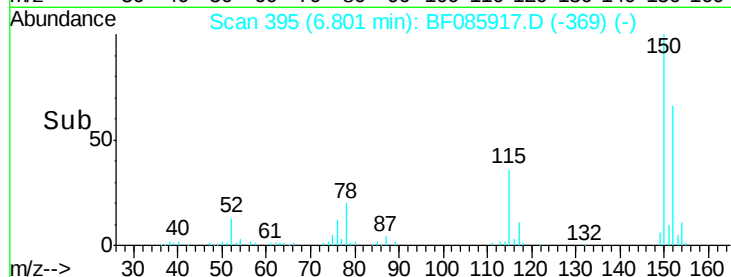
115 54.9 47.0 70.6



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: 147.05 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085917.D

Acq: 31 Mar 2016 7:41

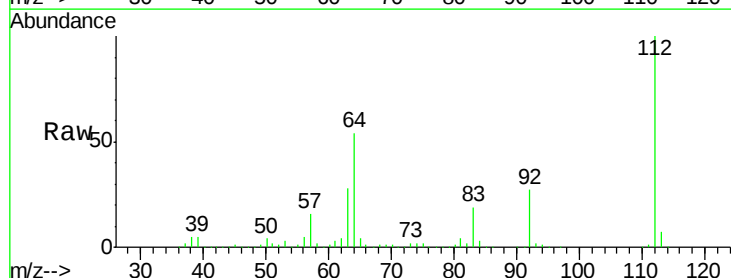
Tgt Ion:112 Resp: 876167

Ion Ratio Lower Upper

112 100

64 53.6 39.9 59.9

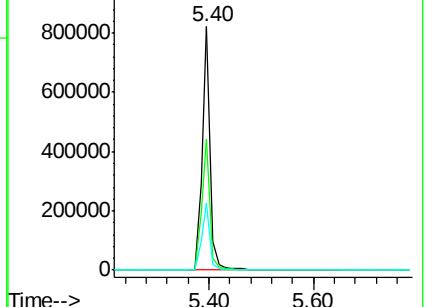
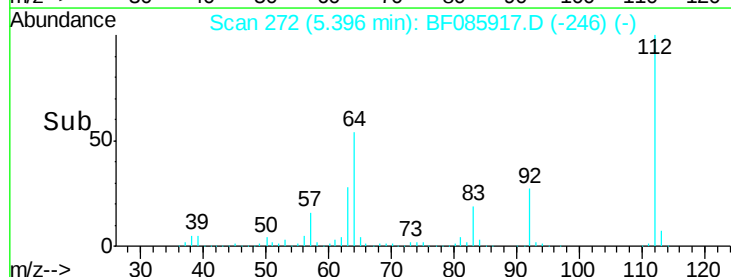
63 27.5 20.2 30.2



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: 134.62 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085917.D

Acq: 31 Mar 2016 7:41

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-03(0.5-15)

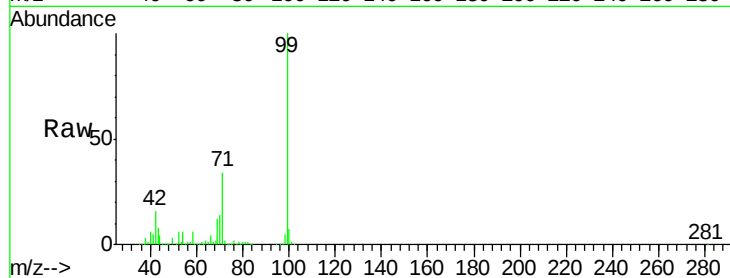
Tgt Ion: 99 Resp: 1019858

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

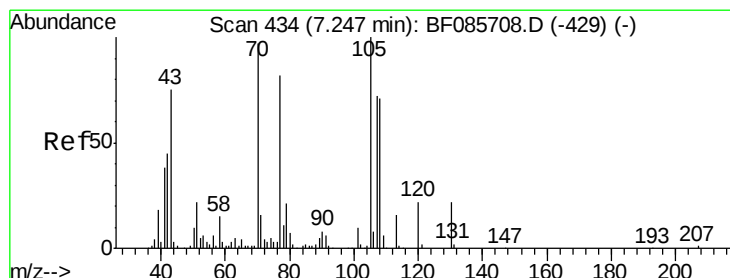
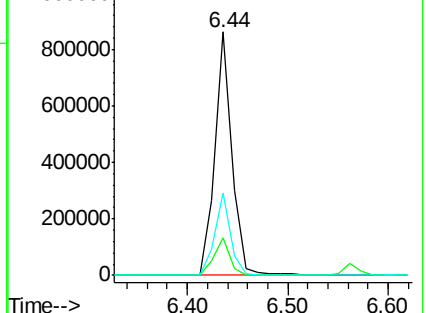
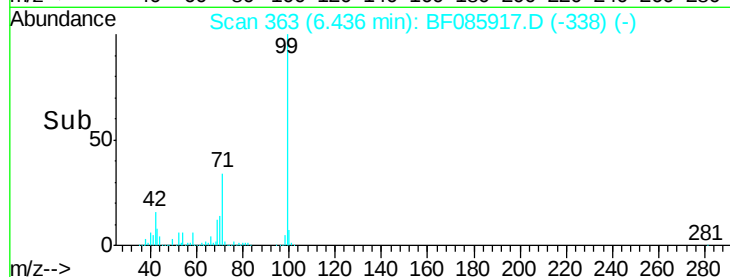
71 33.6 24.9 37.3



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: 18.22 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085917.D

Acq: 31 Mar 2016 7:41

Tgt Ion: 70 Resp: 82636

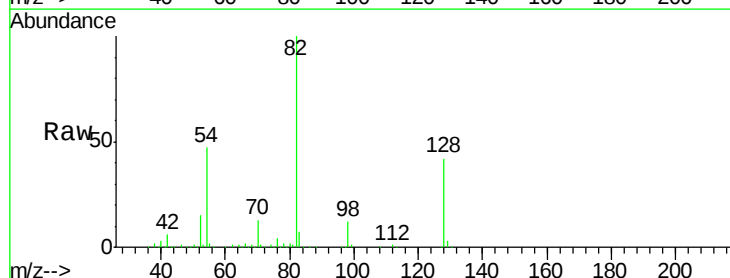
Ion Ratio Lower Upper

70 100

42 42.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#

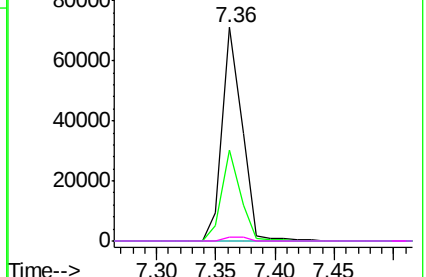
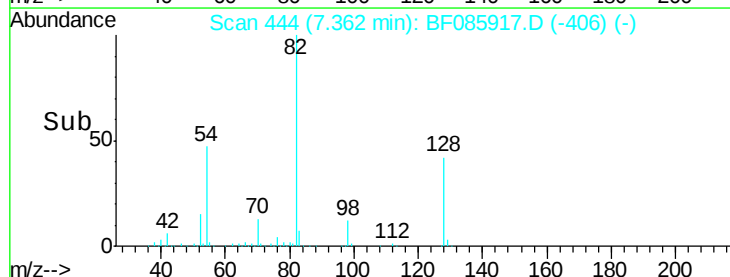


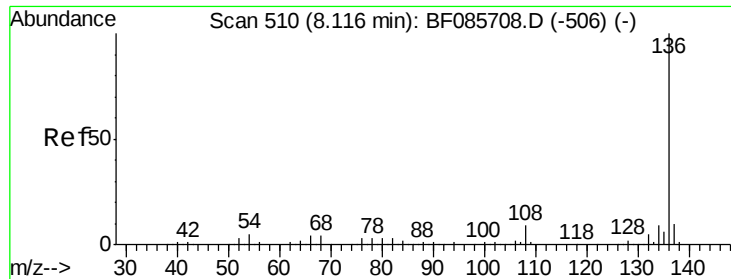
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

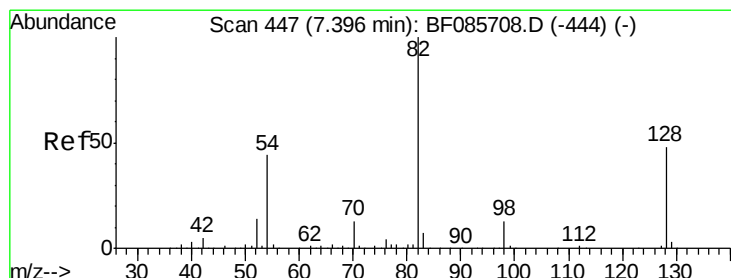
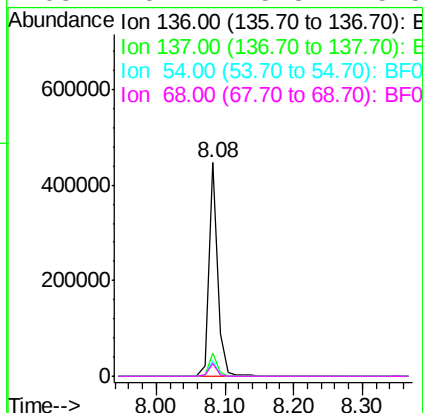
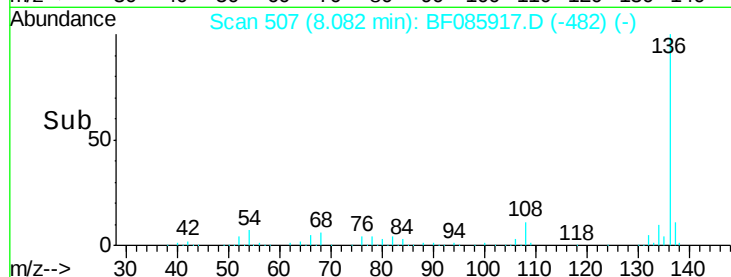
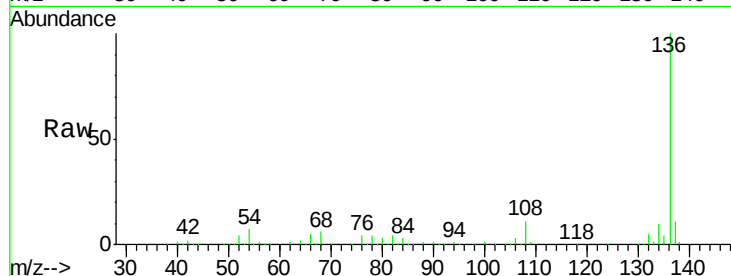




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085917.D
Acq: 31 Mar 2016 7:41

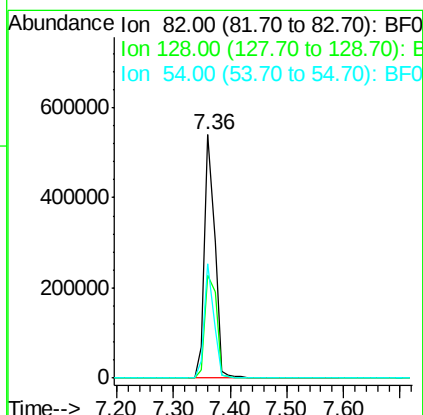
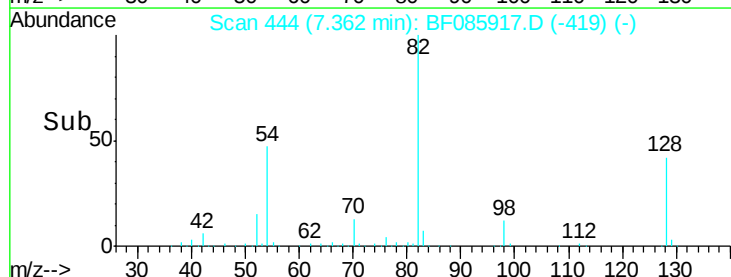
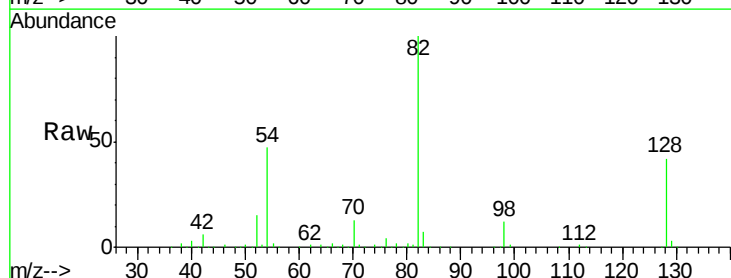
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-03(0.5-15)

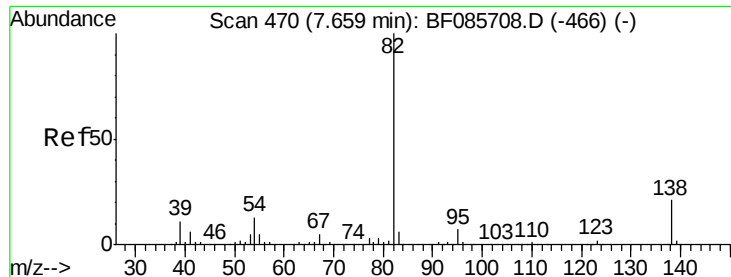
Tgt Ion:	136	Resp:	396022
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.3	7.4	11.0#
68	6.2	5.8	8.8



#23
Nitrobenzene-d5
Concen: 92.82 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085917.D
Acq: 31 Mar 2016 7:41

Tgt Ion:	82	Resp:	652783
Ion Ratio	Lower	Upper	
82	100		
128	42.5	41.8	62.8
54	47.0	33.4	50.0





#25

Isophorone

Concen: 44.66 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085917.D

Acq: 31 Mar 2016 7:41

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-03(0.5-15)

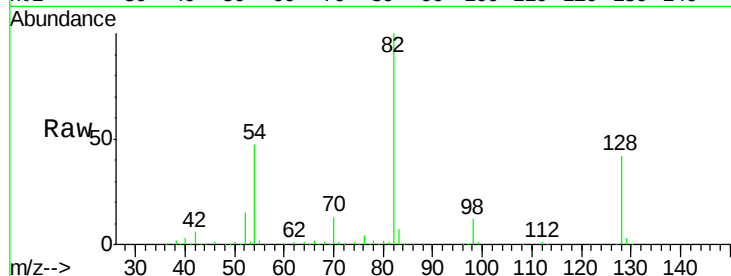
Tgt Ion: 82 Resp: 605050

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

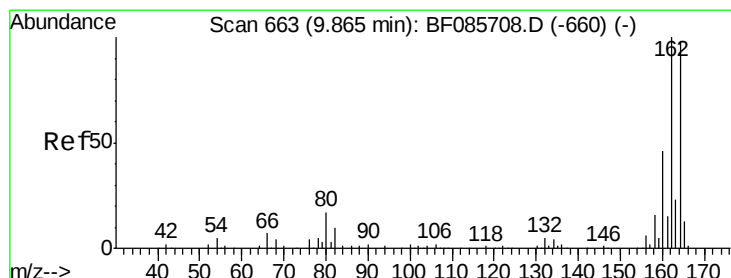
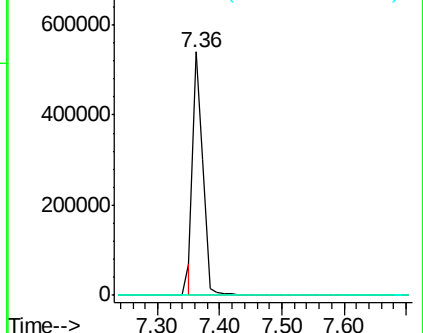
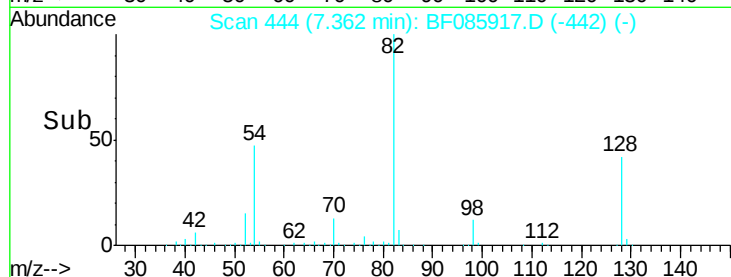
138 0.0 12.9 19.3#



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: BF085917.D

Acq: 31 Mar 2016 7:41

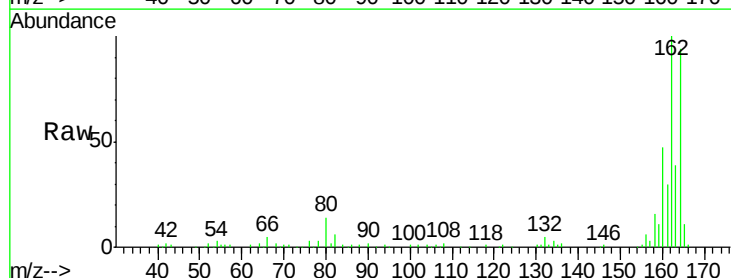
Tgt Ion: 164 Resp: 165311

Ion Ratio Lower Upper

164 100

162 106.1 82.1 123.1

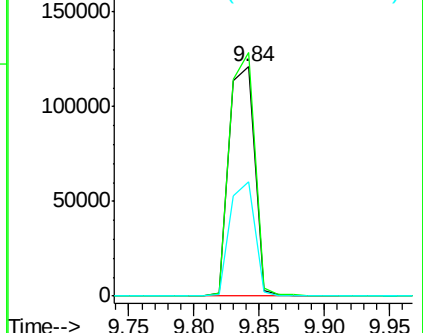
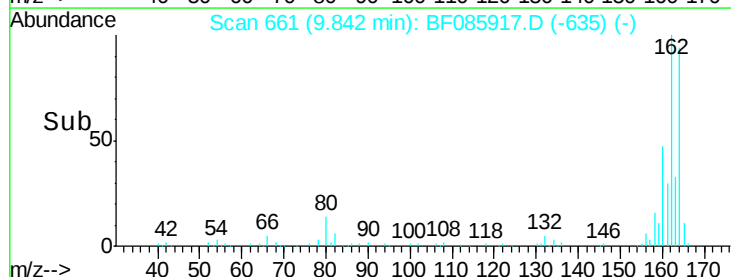
160 49.7 37.4 56.2

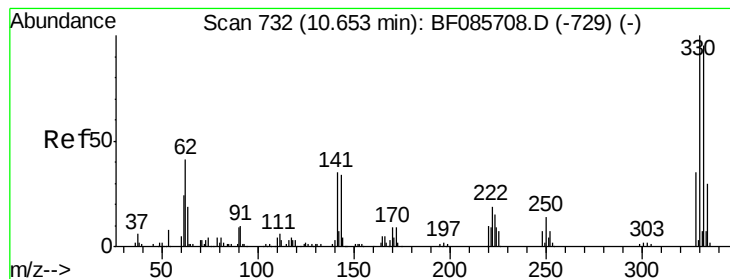


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

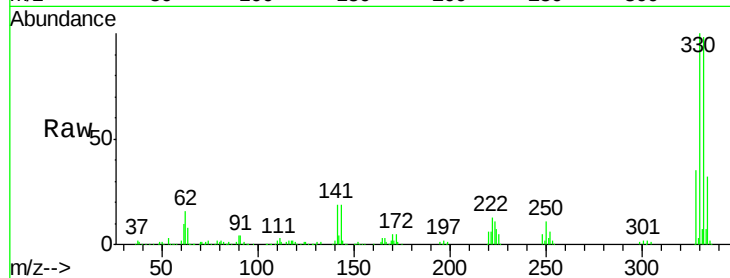




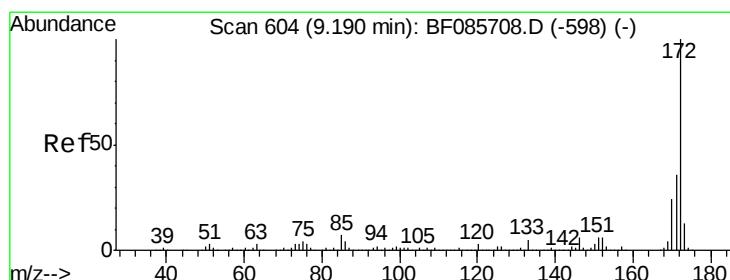
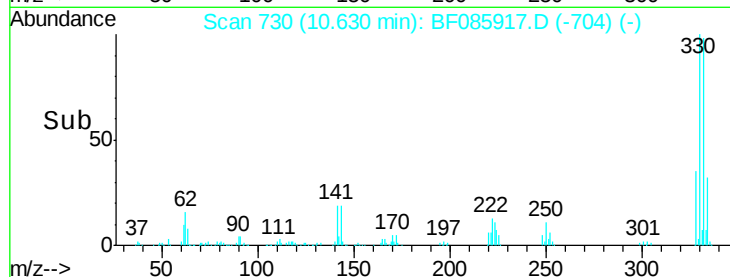
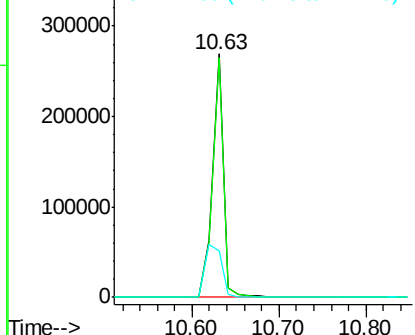
#41
 2,4,6-Tribromophenol
 Concen: 153.69 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085917.D
 Acq: 31 Mar 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-03(0.5-15)

Tgt Ion:330 Resp: 241393
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.2 117.2
 141 33.2 31.5 47.3

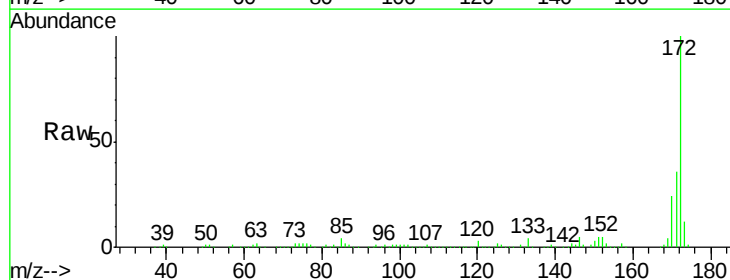


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

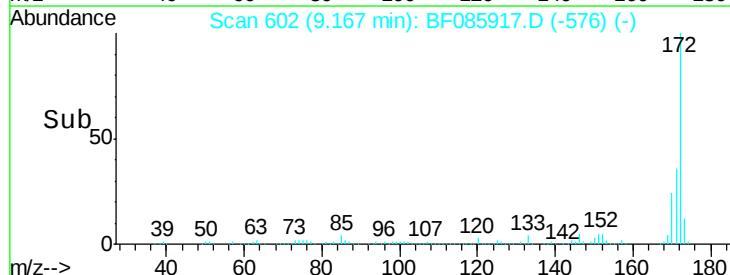
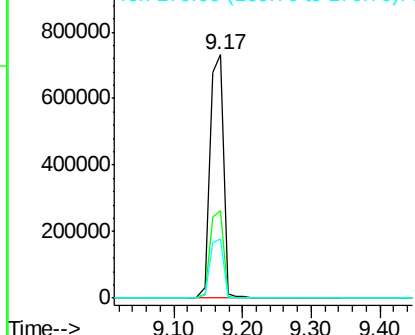


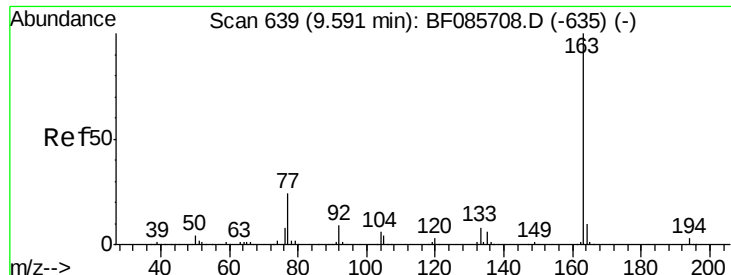
#44
 2-Fluorobiphenyl
 Concen: 102.32 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085917.D
 Acq: 31 Mar 2016 7:41

Tgt Ion:172 Resp: 1012371
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.2 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

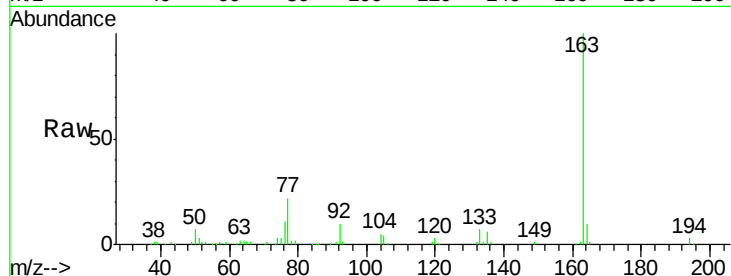




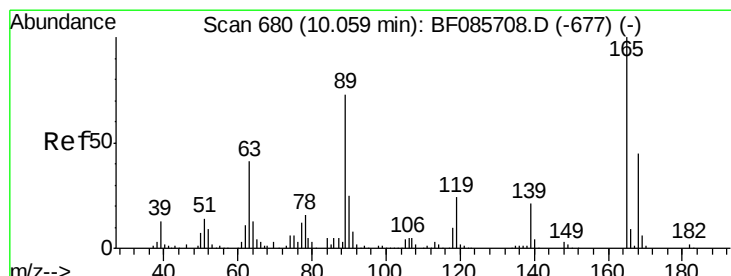
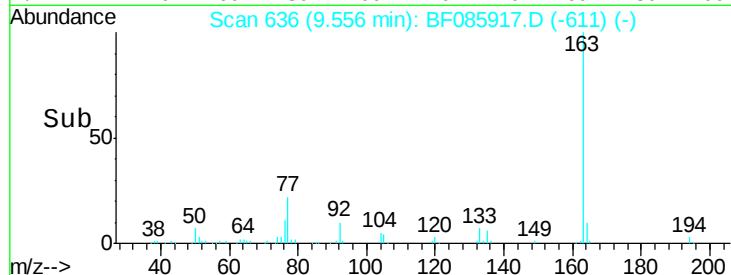
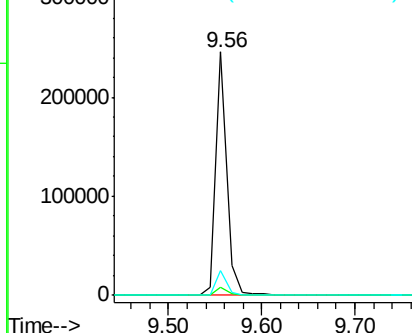
#49
Dimethylphthalate
Concen: 16.00 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085917.D
Acq: 31 Mar 2016 7:41

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-03(0.5-15)

Tgt Ion:163 Resp: 200732
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.3 8.3 12.5

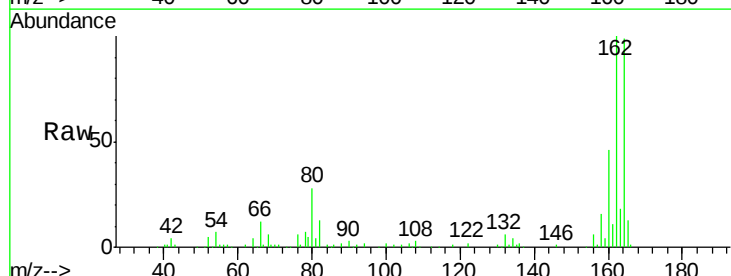


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

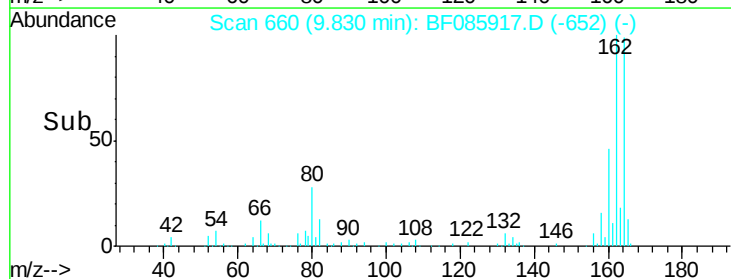
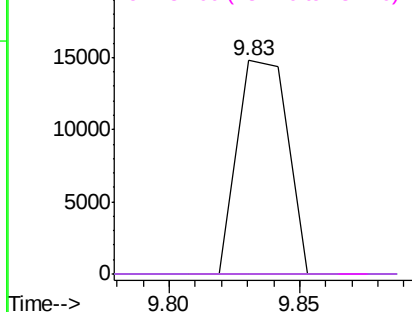


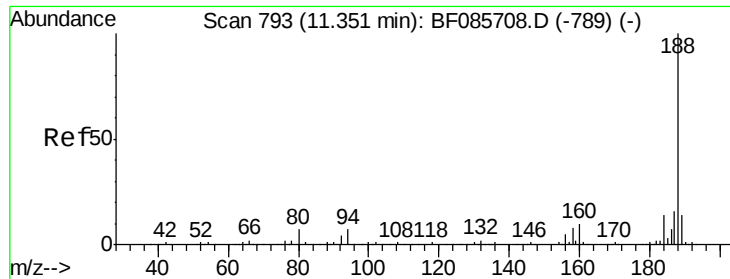
#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085917.D
Acq: 31 Mar 2016 7:41

Tgt Ion:165 Resp: 20030
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

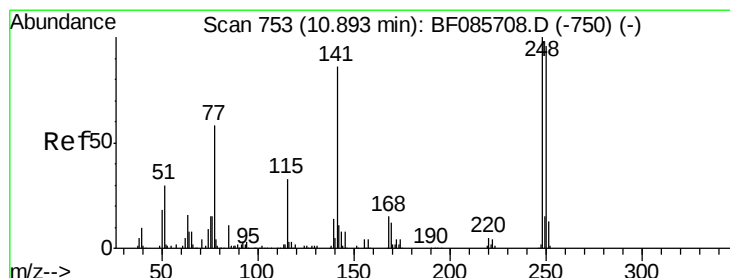
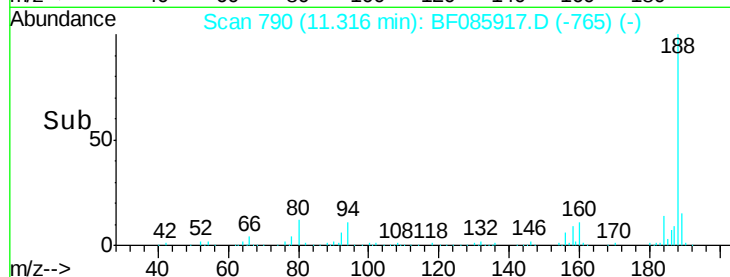
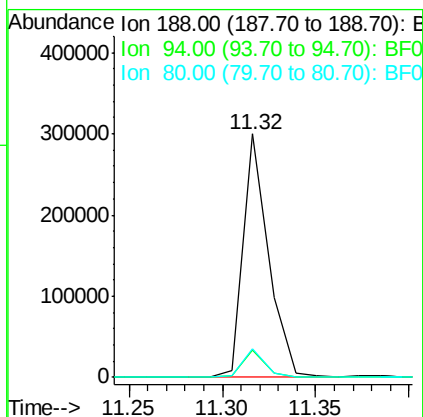
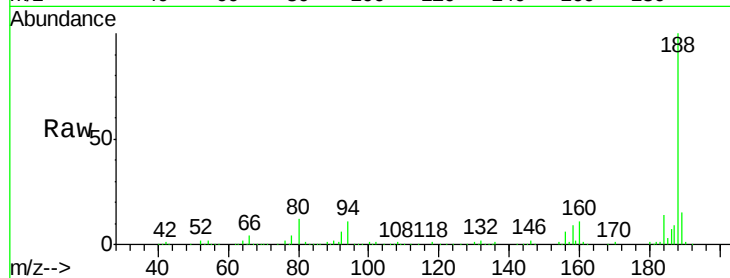




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085917.D
Acq: 31 Mar 2016 7:41

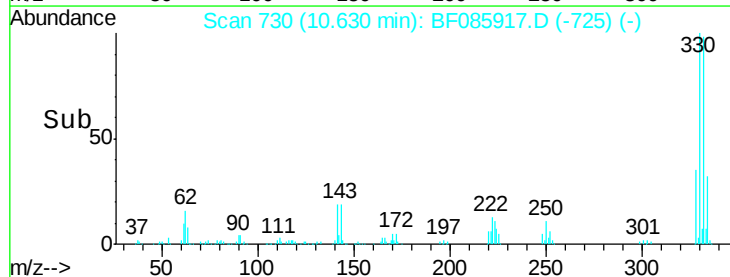
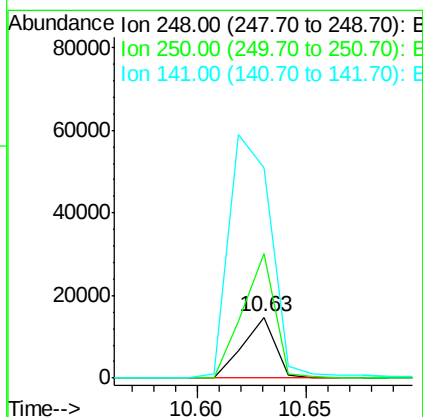
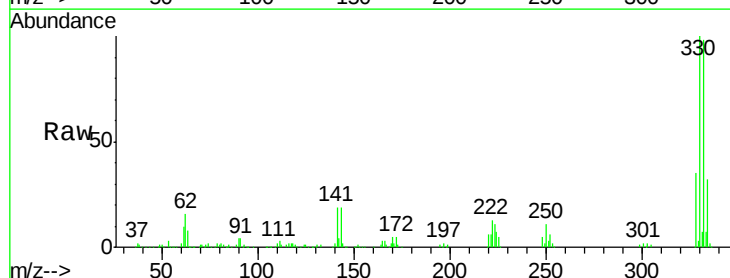
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-03(0.5-15)

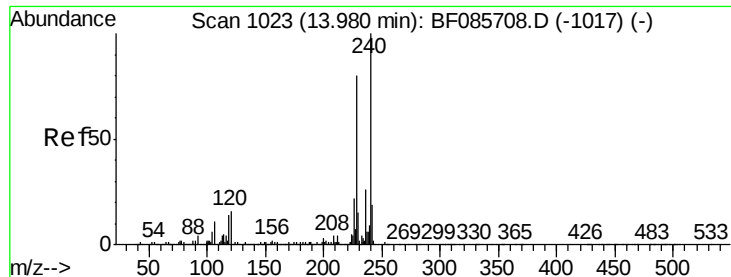
Tgt Ion:188 Resp: 284389
Ion Ratio Lower Upper
188 100
94 11.0 5.4 8.0#
80 11.8 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 5.17 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085917.D
Acq: 31 Mar 2016 7:41

Tgt Ion:248 Resp: 15042
Ion Ratio Lower Upper
248 100
250 204.9 77.4 116.0#
141 346.3 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085917.D

Acq: 31 Mar 2016 7:41

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-03(0.5-15)

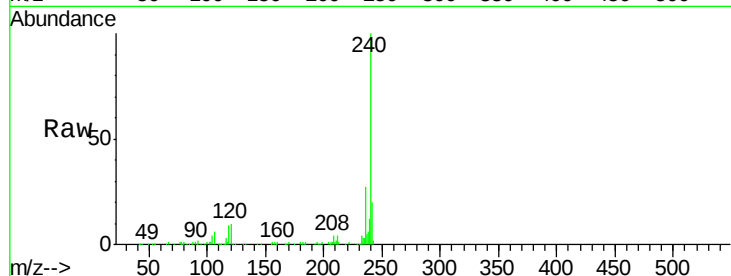
Tgt Ion:240 Resp: 195745

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

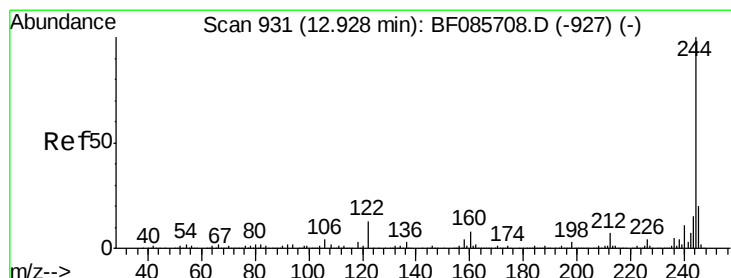
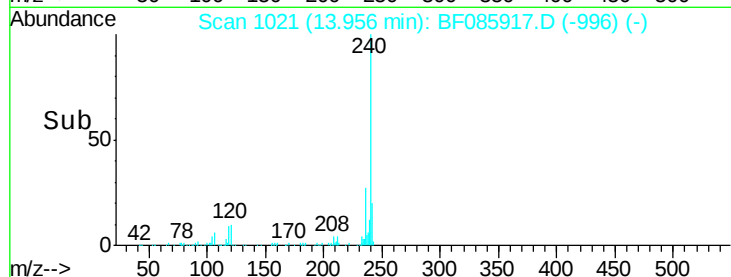
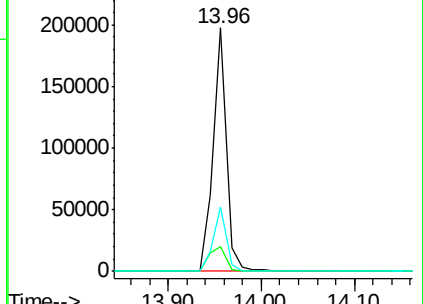
236 26.6 20.6 30.8



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: 73.34 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085917.D

Acq: 31 Mar 2016 7:41

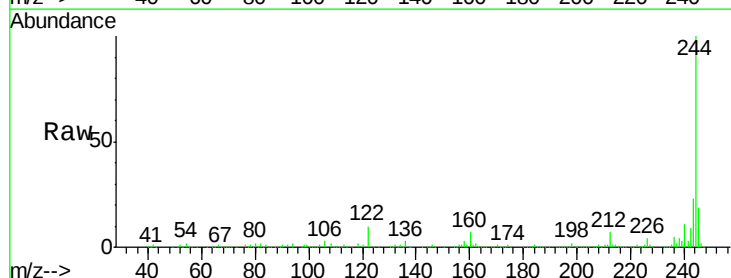
Tgt Ion:244 Resp: 698060

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

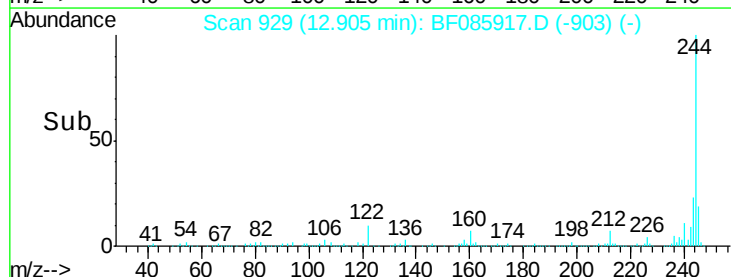
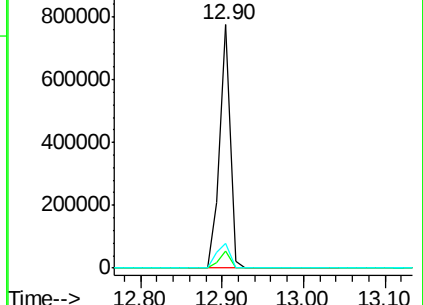
122 10.1 10.2 15.4#

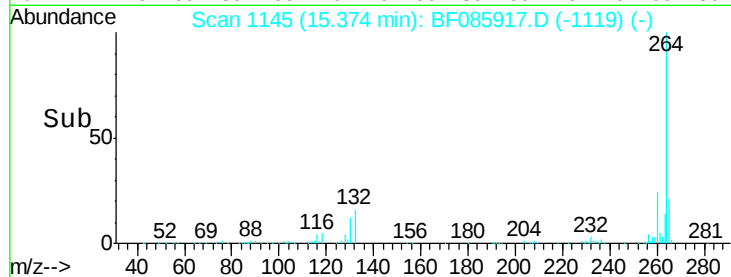
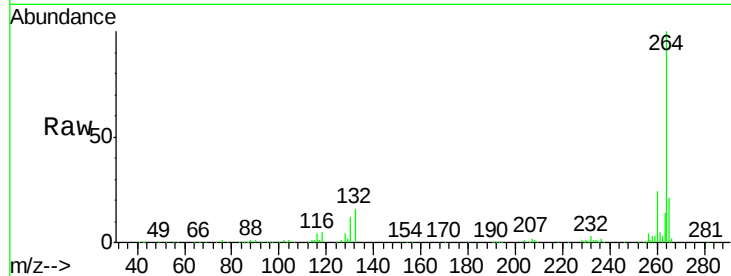
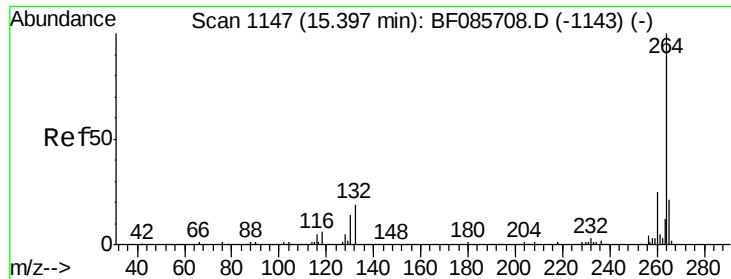


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085917.D

Acq: 31 Mar 2016 7:41

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-03(0.5-15)

Tgt Ion: 264 Resp: 194663

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 17.2 25.8

