

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085918.D
 Acq On : 31 Mar 2016 8:10
 Operator : UM/SJ
 Sample : H2018-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-20(0.5-15)

Quant Time: Mar 31 07:32:28 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

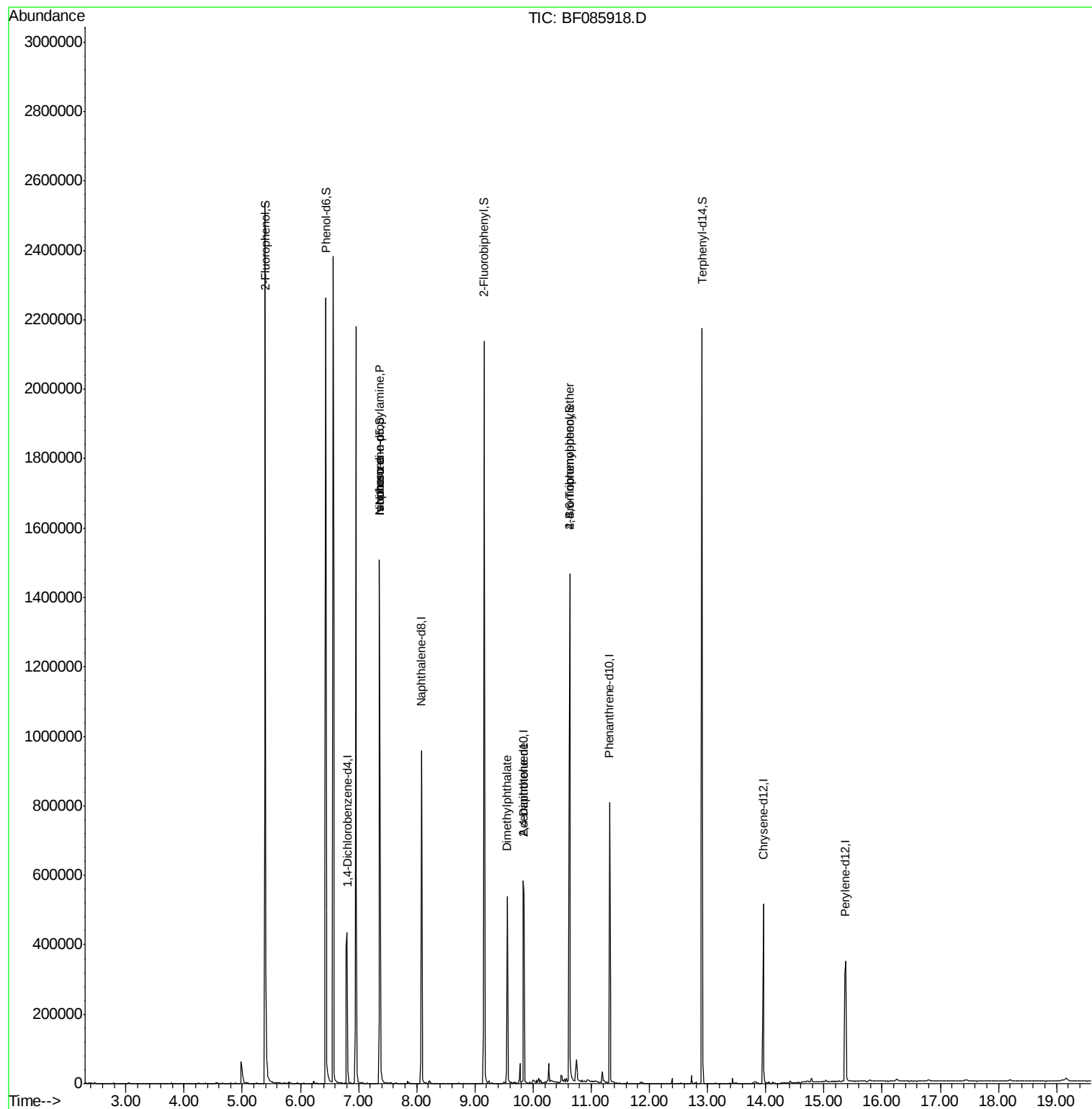
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100764	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	413341	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	170344	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	296692	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	200251	20.00	ng	-0.01
86) Perylene-d12	15.37	264	197238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	831874	137.49	ng	0.00
7) Phenol-d6	6.44	99	964461	125.37	ng	-0.01
23) Nitrobenzene-d5	7.36	82	626697	85.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	238286	147.23	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	976545	95.78	ng	-0.01
78) Terphenyl-d14	12.90	244	672746	69.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	81270	17.64	ng	# 78
25) Isophorone	7.36	82	583272	41.25	ng	# 68
49) Dimethylphthalate	9.56	163	200799	15.54	ng	99
56) 2,4-Dinitrotoluene	9.83	165	21884	6.19	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	14656	4.83	ng	# 1

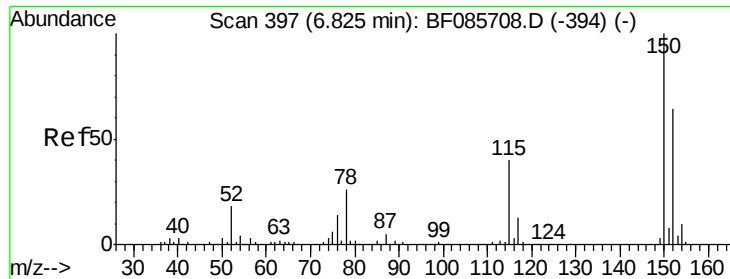
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085918.D

Acq: 31 Mar 2016 8:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-20(0.5-15)

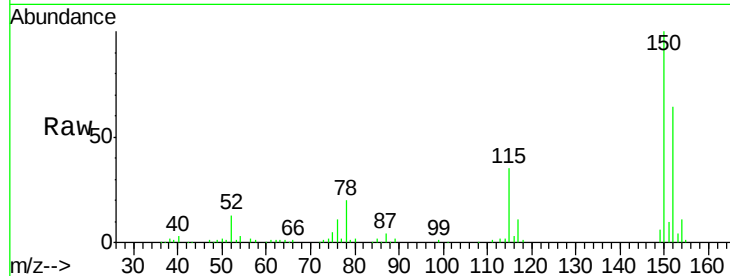
Tgt Ion:152 Resp: 100764

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.2

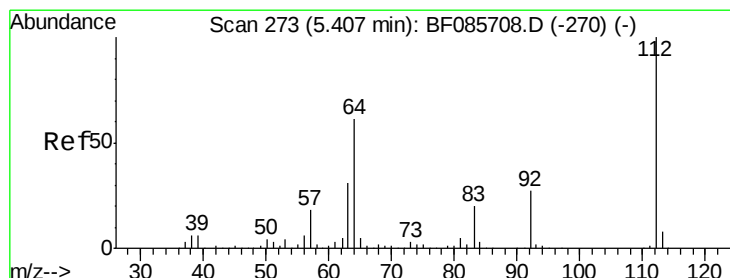
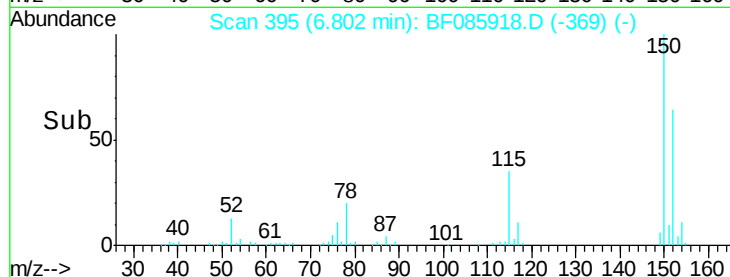
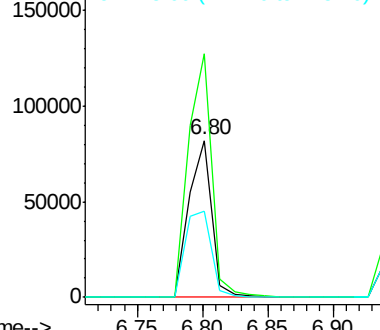
115 54.6 47.0 70.6



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: 137.49 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085918.D

Acq: 31 Mar 2016 8:10

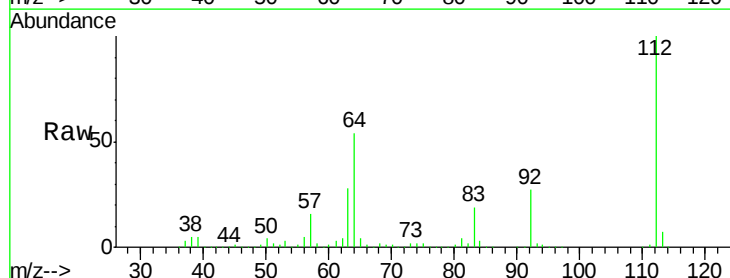
Tgt Ion:112 Resp: 831874

Ion Ratio Lower Upper

112 100

64 54.5 39.9 59.9

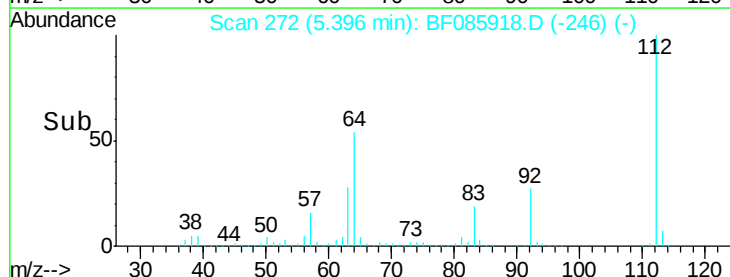
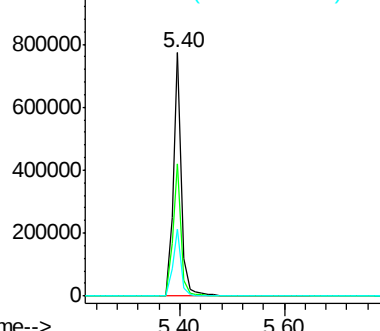
63 27.6 20.2 30.2



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: 125.37 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085918.D

Acq: 31 Mar 2016 8:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-20(0.5-15)

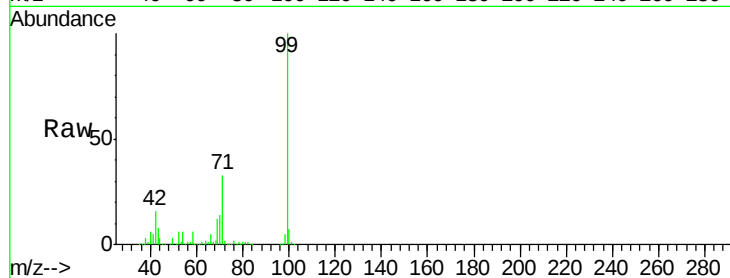
Tgt Ion: 99 Resp: 964461

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

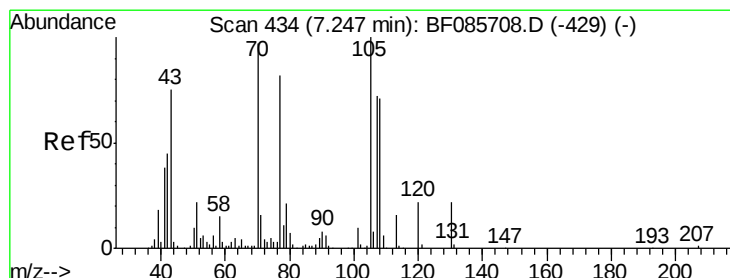
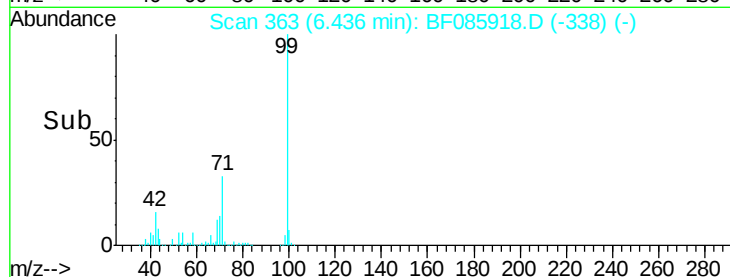
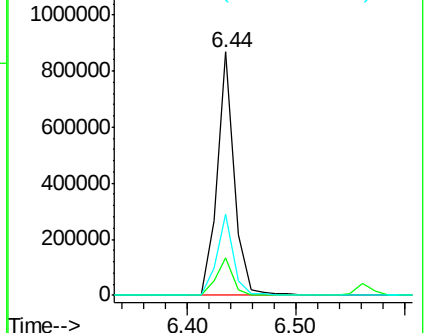
71 33.3 24.9 37.3



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: 17.64 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085918.D

Acq: 31 Mar 2016 8:10

Tgt Ion: 70 Resp: 81270

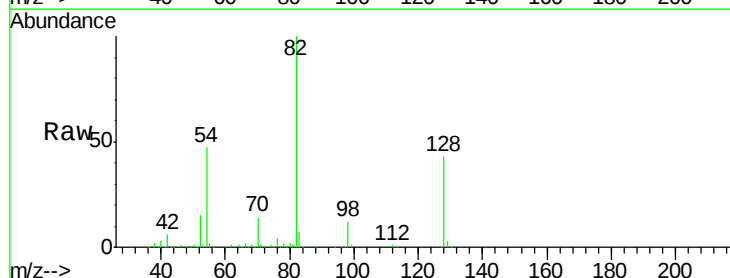
Ion Ratio Lower Upper

70 100

42 40.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

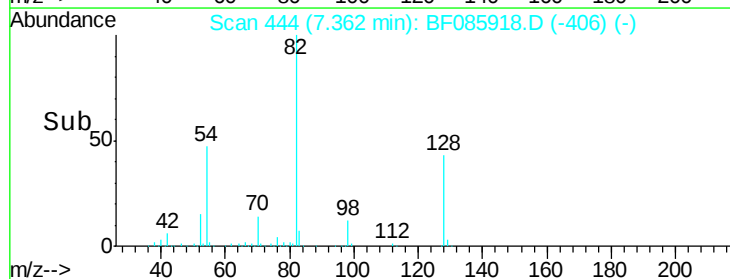
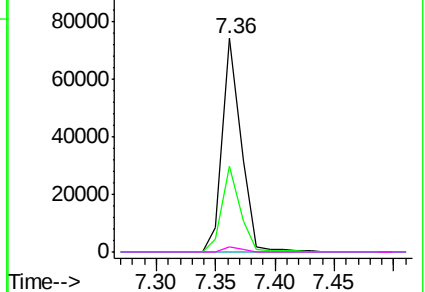


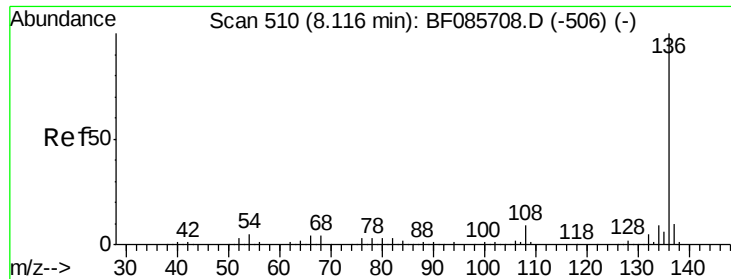
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

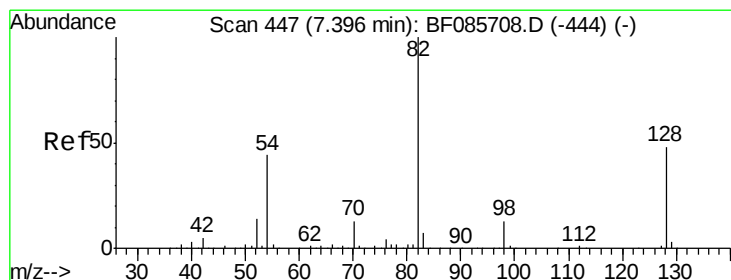
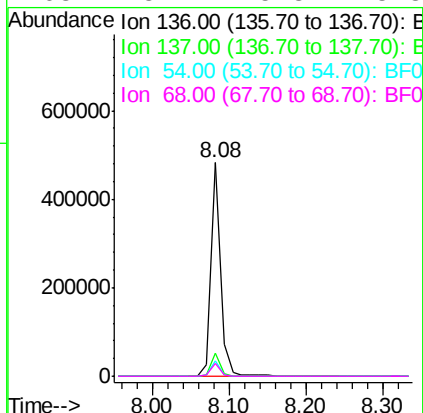
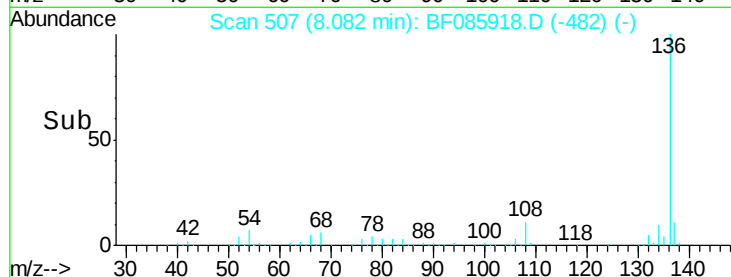
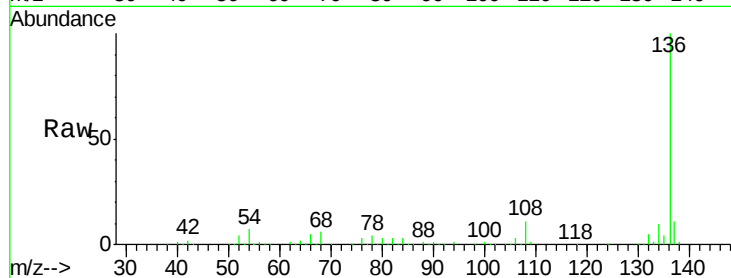




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085918.D
Acq: 31 Mar 2016 8:10

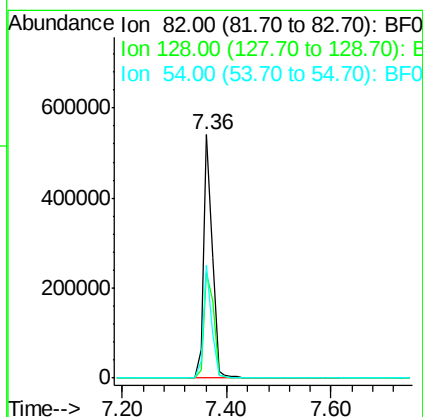
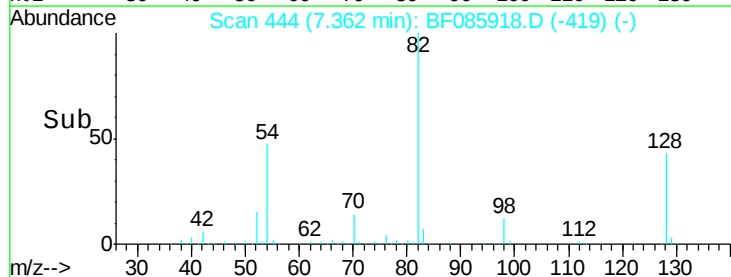
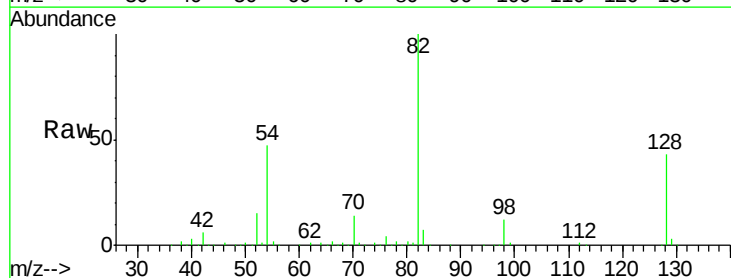
Instrument :
BNA_F
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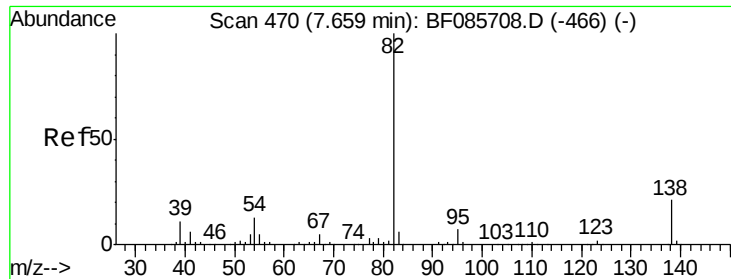
Tgt Ion:	136	Resp:	413341
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	7.0	7.4	11.0#
68	5.7	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 85.38 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085918.D
Acq: 31 Mar 2016 8:10

Tgt Ion:	82	Resp:	626697
Ion Ratio	Lower	Upper	
82	100		
128	43.1	41.8	62.8
54	46.6	33.4	50.0





#25

Isophorone

Concen: 41.25 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085918.D

Acq: 31 Mar 2016 8:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-20(0.5-15)

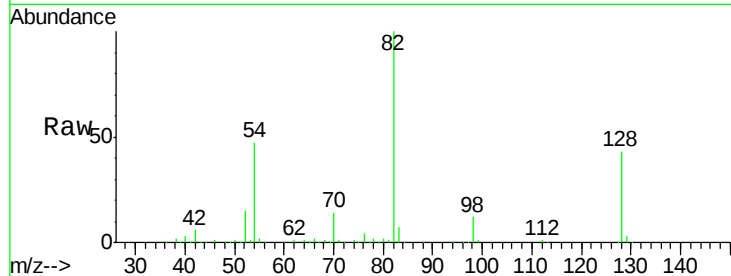
Tgt Ion: 82 Resp: 583272

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

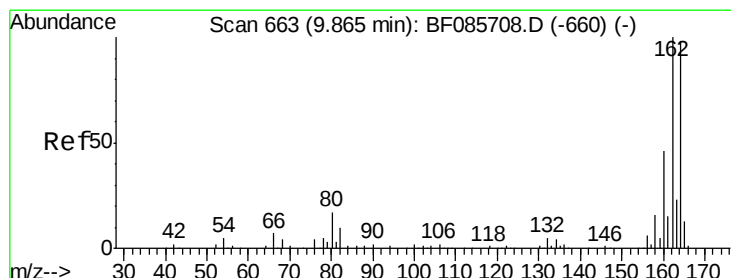
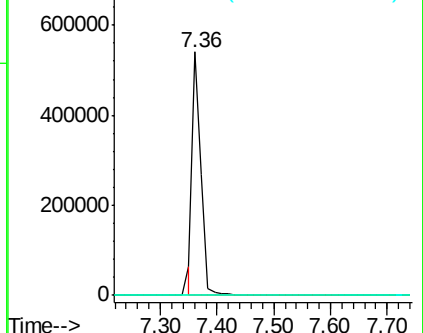
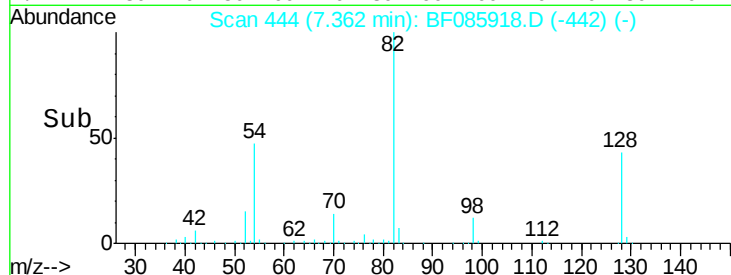
138 0.0 12.9 19.3#



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: BF085918.D

Acq: 31 Mar 2016 8:10

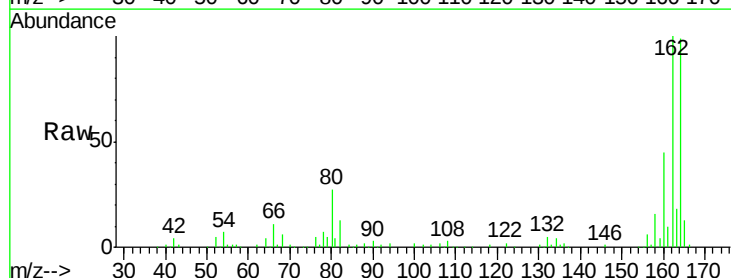
Tgt Ion: 164 Resp: 170344

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

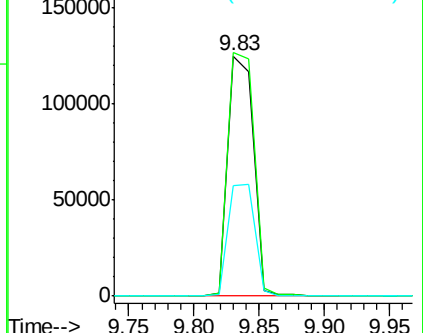
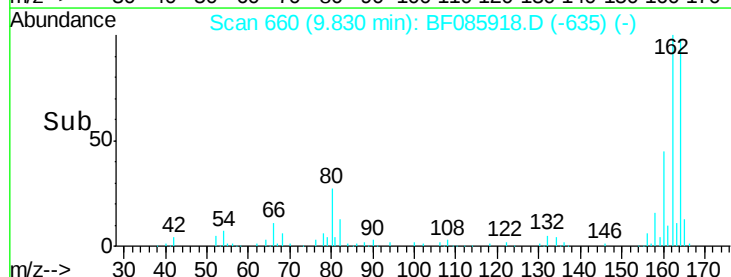
160 45.9 37.4 56.2

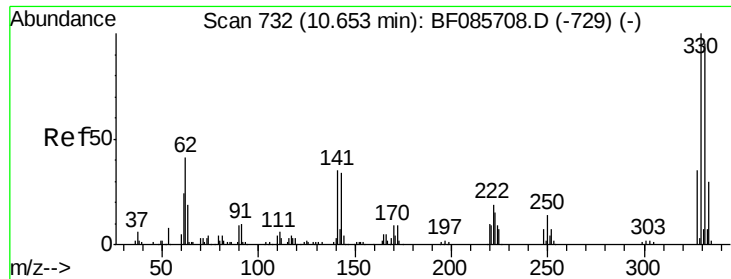


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

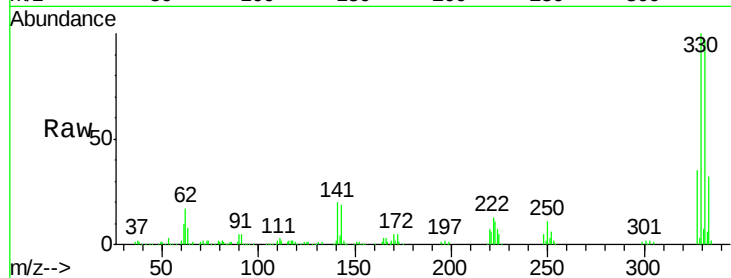




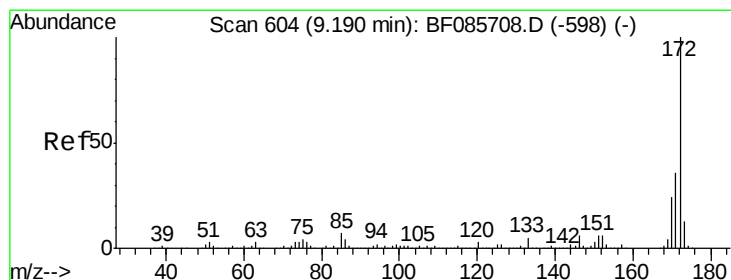
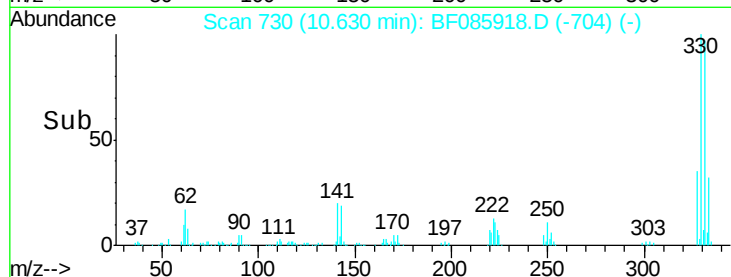
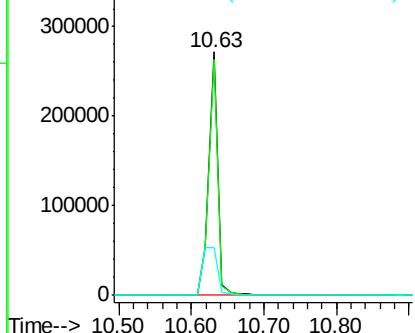
#41
 2,4,6-Tribromophenol
 Concen: 147.23 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085918.D
 Acq: 31 Mar 2016 8:10

Instrument :
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 AMBOY-SB-20(0.5-15)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	33.0	31.5	47.3

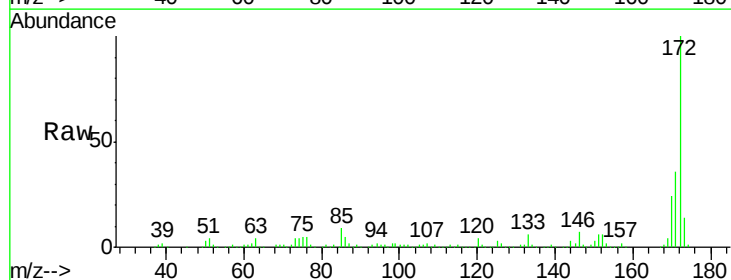


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

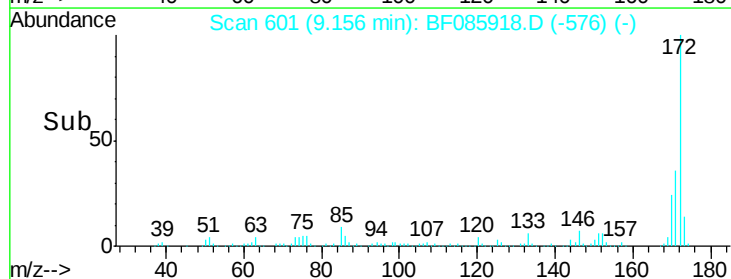
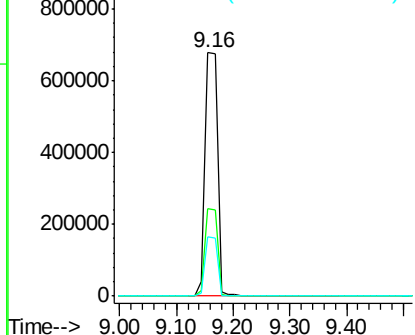


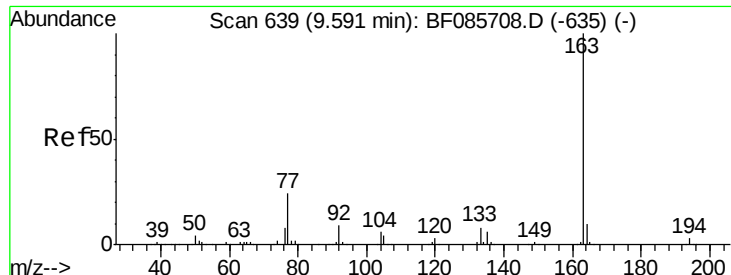
#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085918.D
 Acq: 31 Mar 2016 8:10

Tgt 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

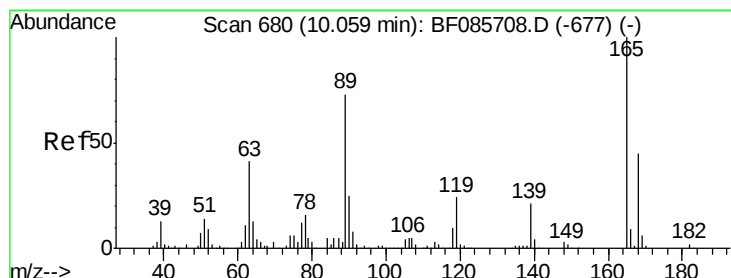
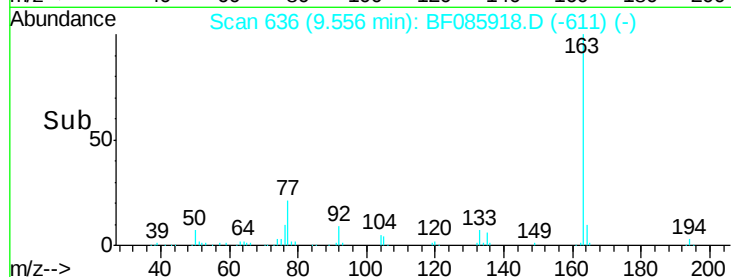
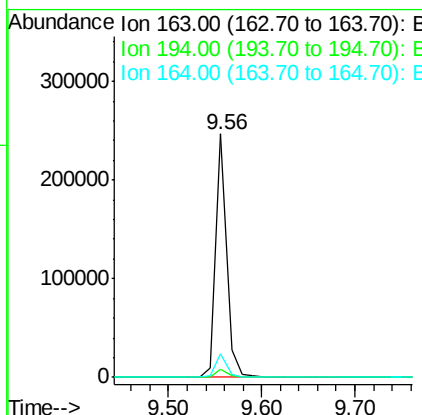
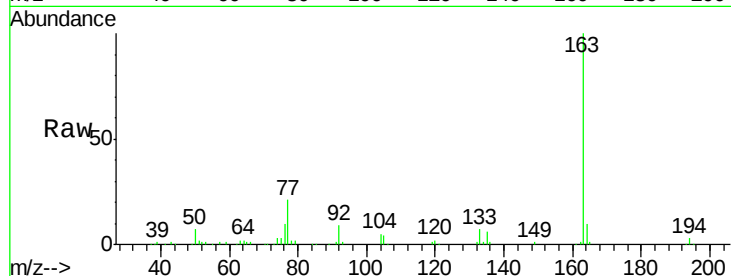




#49
Dimethylphthalate
Concen: 15.54 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085918.D
Acq: 31 Mar 2016 8:10

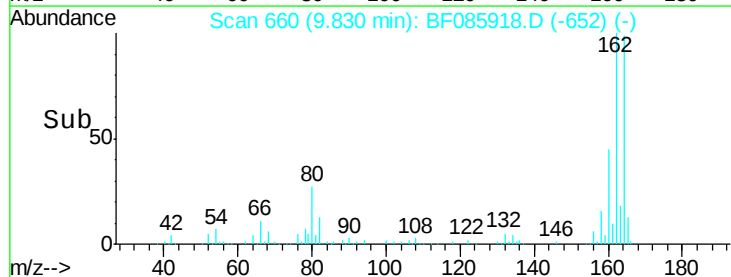
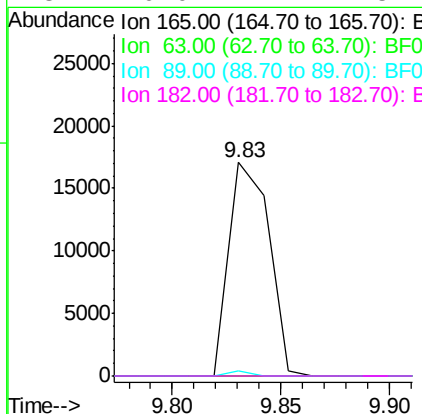
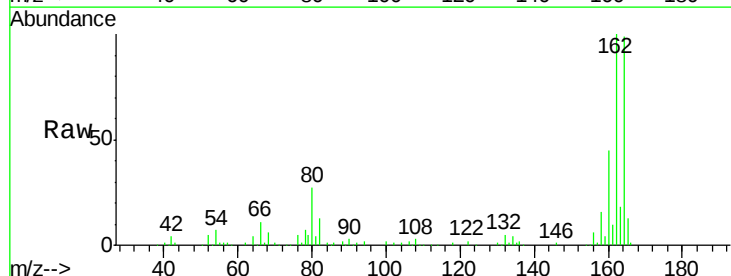
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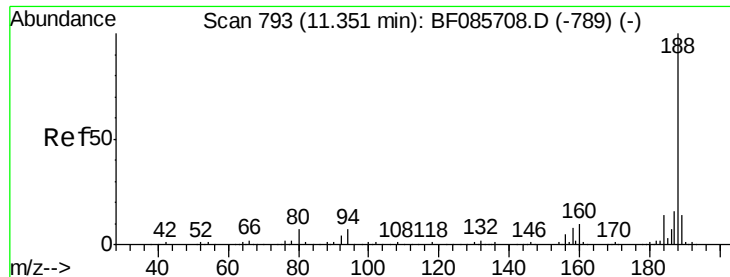
Tgt Ion:163 Resp: 200799
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.9 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085918.D
Acq: 31 Mar 2016 8:10

Tgt Ion:165 Resp: 21884
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#

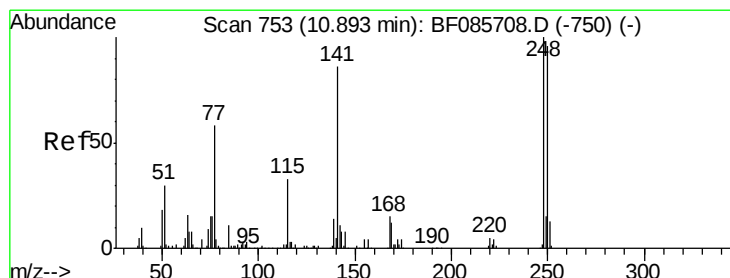
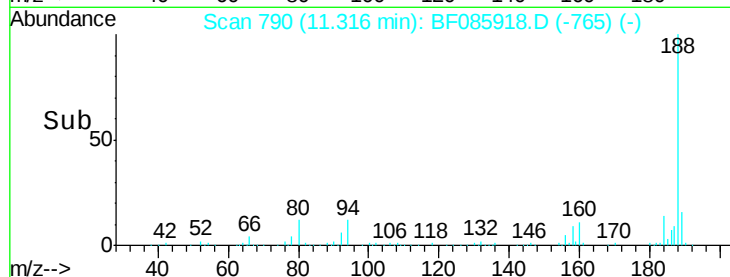
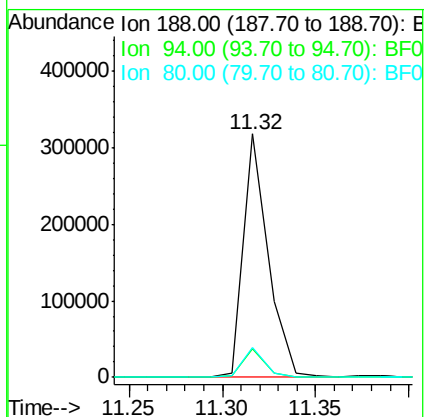
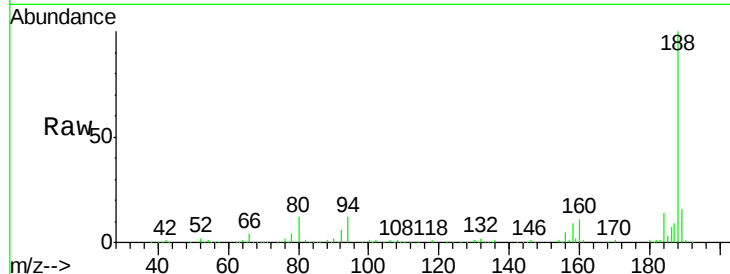




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085918.D
 Acq: 31 Mar 2016 8:10

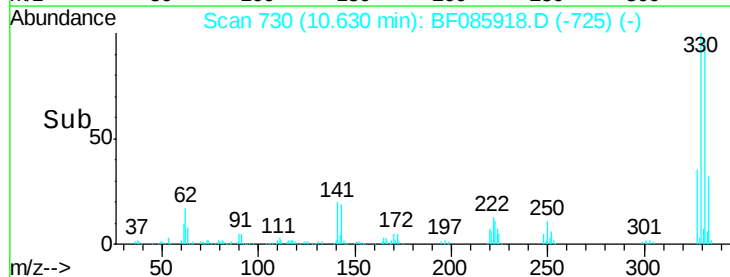
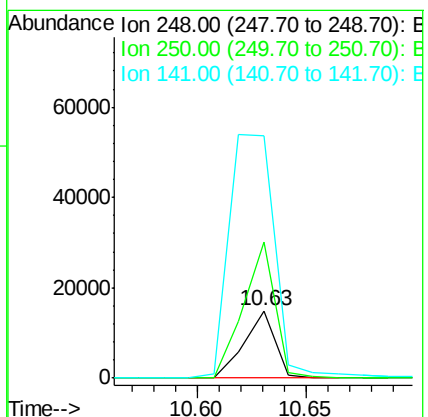
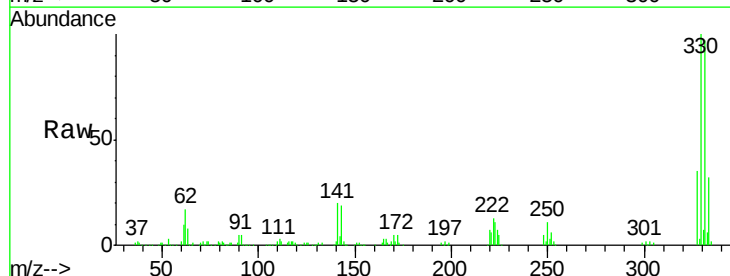
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-20(0.5-15)

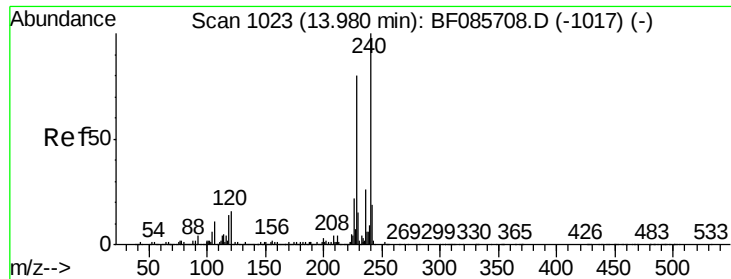
Tgt Ion:188 Resp: 296692
 Ion Ratio Lower Upper
 188 100
 94 11.8 5.4 8.0#
 80 12.2 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.83 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085918.D
 Acq: 31 Mar 2016 8:10

Tgt Ion:248 Resp: 14656
 Ion Ratio Lower Upper
 248 100
 250 202.8 77.4 116.0#
 141 358.9 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: BF085918.D

Acq: 31 Mar 2016 8:10

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-20(0.5-15)

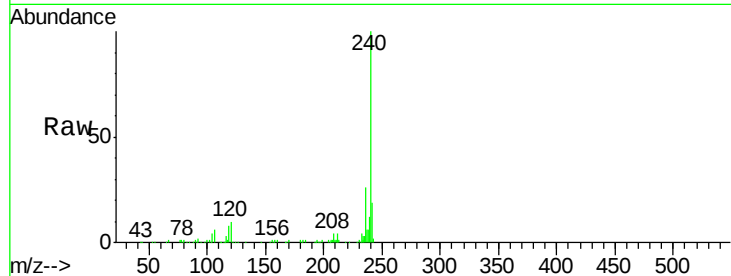
Tgt Ion:240 Resp: 200251

Ion Ratio Lower Upper

240 100

120 9.5 13.8 20.8#

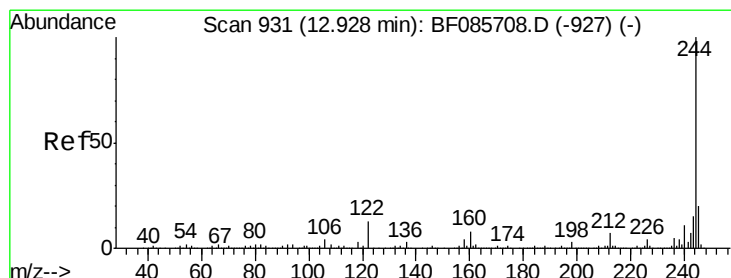
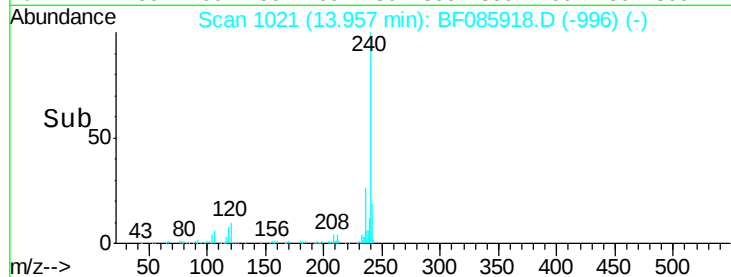
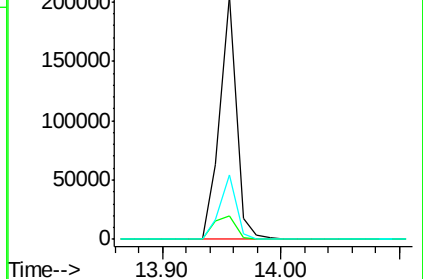
236 26.3 20.6 30.8



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: 69.09 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085918.D

Acq: 31 Mar 2016 8:10

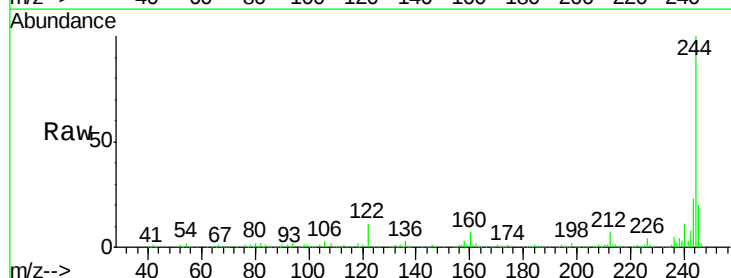
Tgt Ion:244 Resp: 672746

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

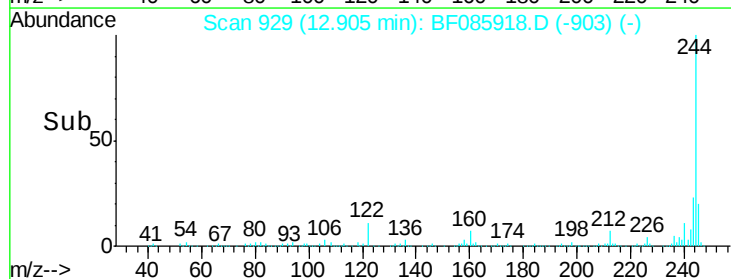
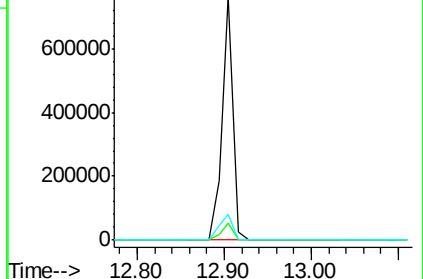
122 10.6 10.2 15.4

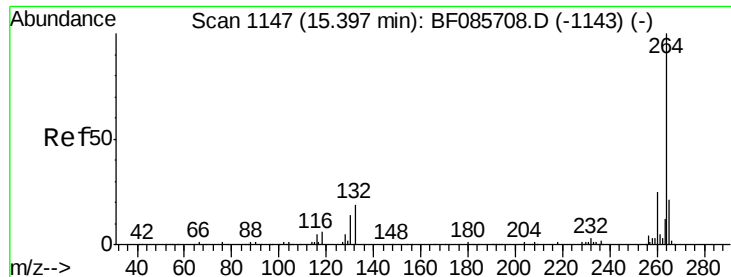


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

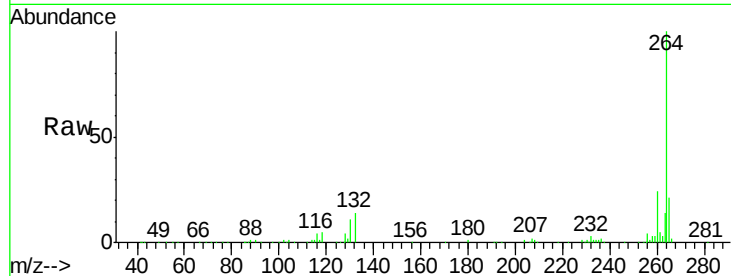




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085918.D
Acq: 31 Mar 2016 8:10

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-20(0.5-15)

Tgt Ion: 264 Resp: 197238
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.6 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

