

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086201.D
 Acq On : 9 Apr 2016 6:42
 Operator : UM/SJ
 Sample : H2373-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Quant Time: Apr 11 00:37:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

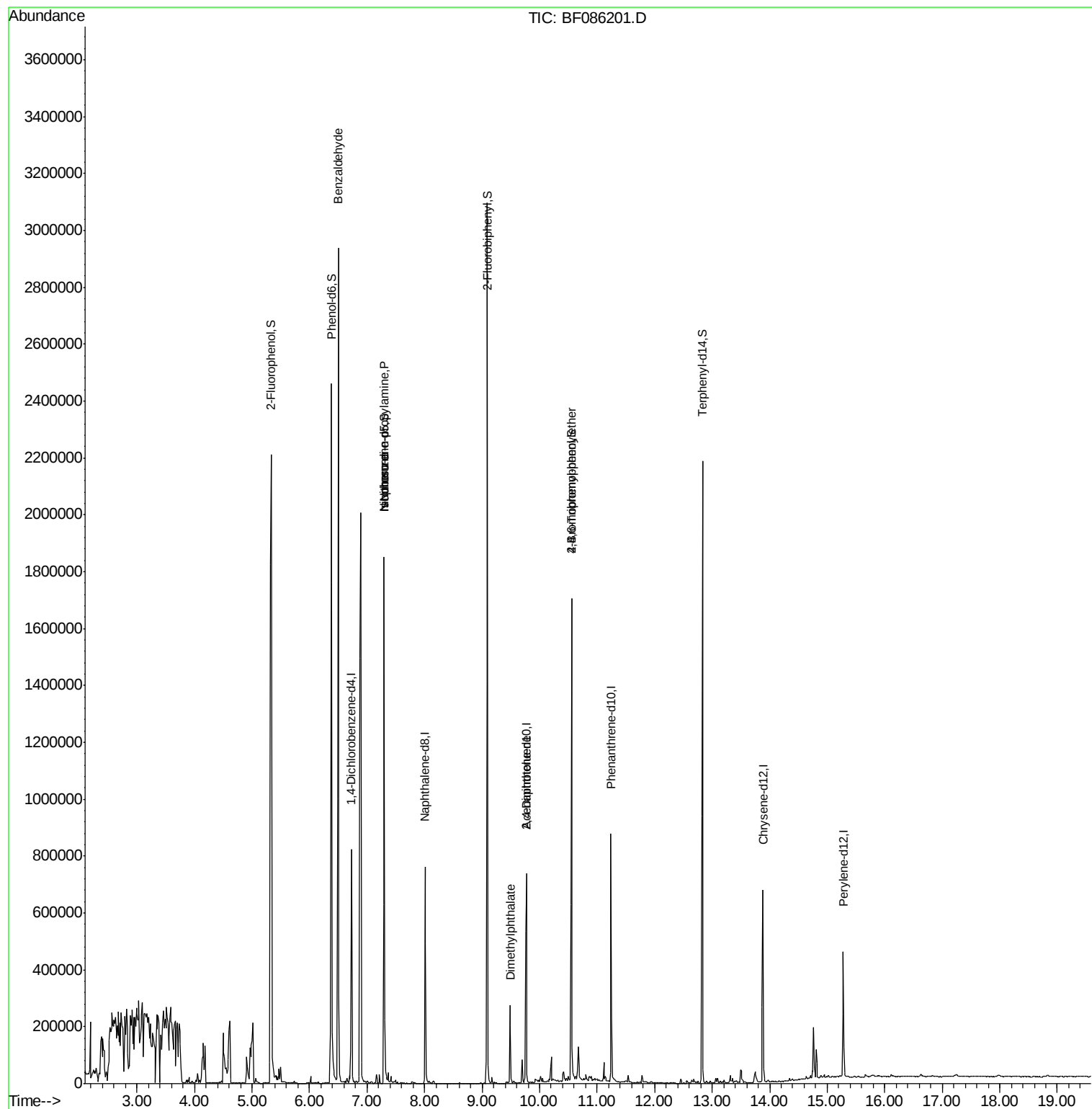
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125834	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	457763	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	192142	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	314484	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	250288	20.00	ng	-0.05
86) Perylene-d12	15.28	264	196181	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	988001	134.21	ng	-0.03
7) Phenol-d6	6.38	99	1249390	133.61	ng	-0.03
23) Nitrobenzene-d5	7.30	82	691711	89.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	222259	123.24	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1090999	94.41	ng	-0.05
78) Terphenyl-d14	12.83	244	727025	68.28	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.50	77	19962	3.97	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.30	70	93105	16.06	ng	# 77
25) Isophorone	7.30	82	685482	44.74	ng	# 68
49) Dimethylphthalate	9.49	163	153788	10.80	ng	98
56) 2,4-Dinitrotoluene	9.77	165	23966	6.29	ng	# 37
66) 4-Bromophenyl-phenylether	10.56	248	15338	4.78	ng	# 1

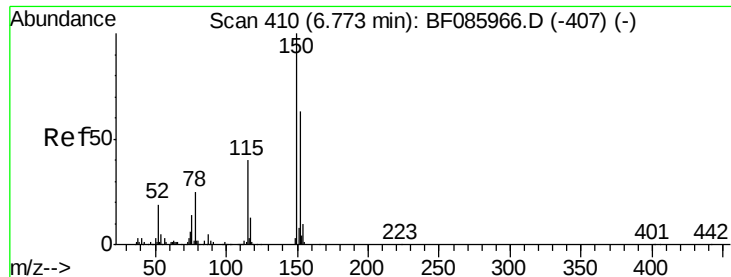
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

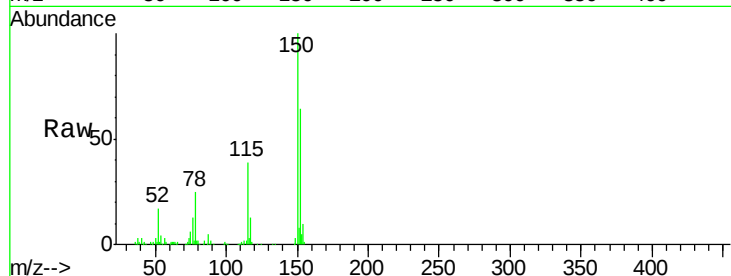
Tgt Ion:152 Resp: 125834

Ion Ratio Lower Upper

152 100

150 155.3 124.2 186.2

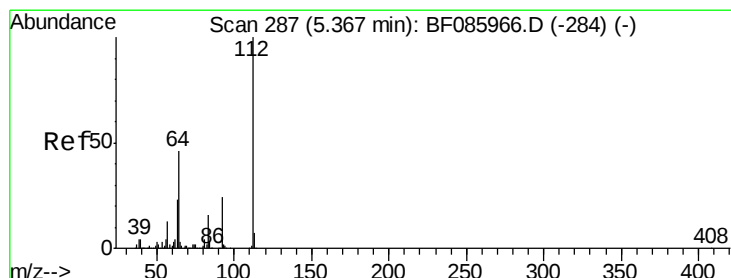
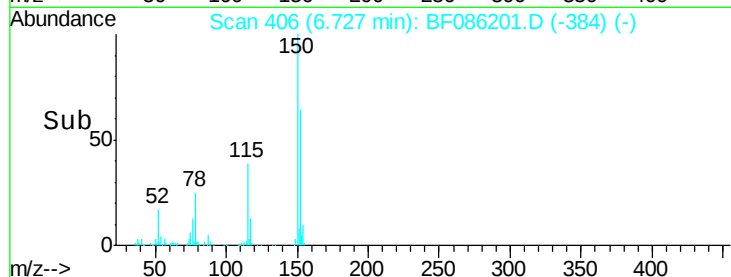
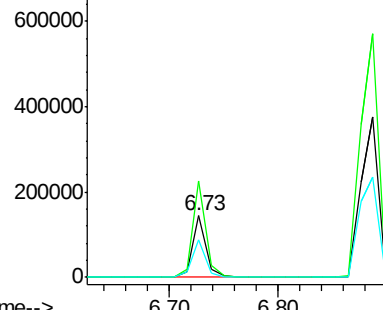
115 60.5 47.0 70.6



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: 134.21 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

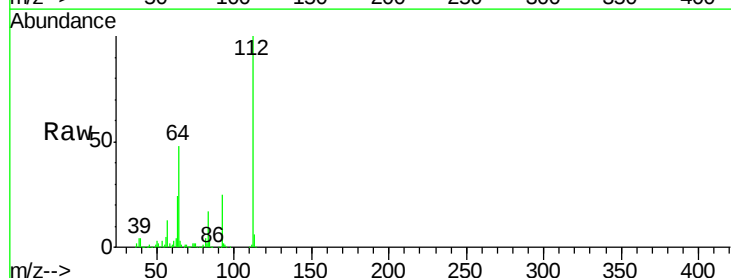
Tgt Ion:112 Resp: 988001

Ion Ratio Lower Upper

112 100

64 47.5 39.9 59.9

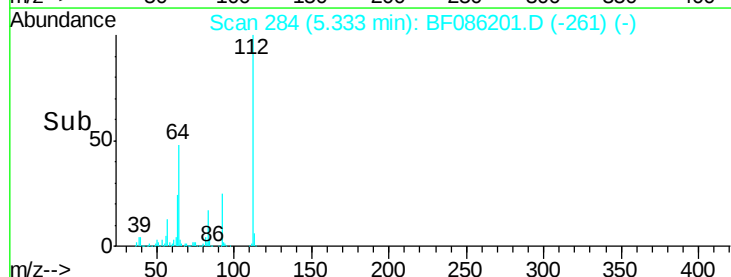
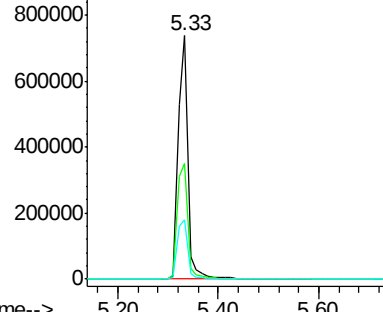
63 24.2 20.2 30.2

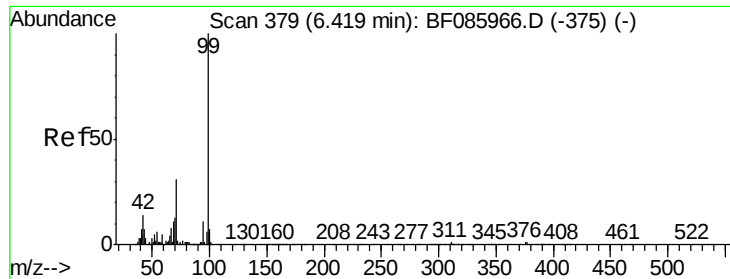


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.61 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

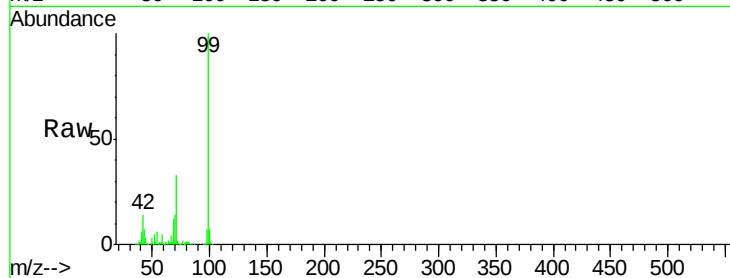
Tgt Ion: 99 Resp: 1249390

Ion Ratio Lower Upper

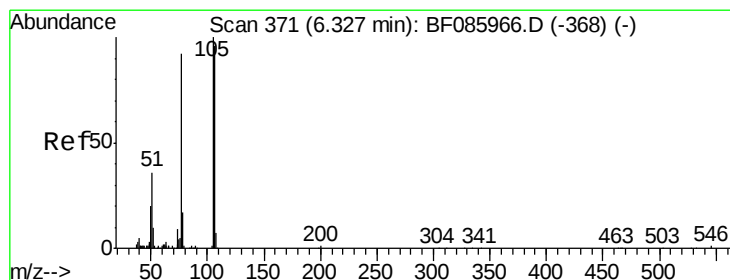
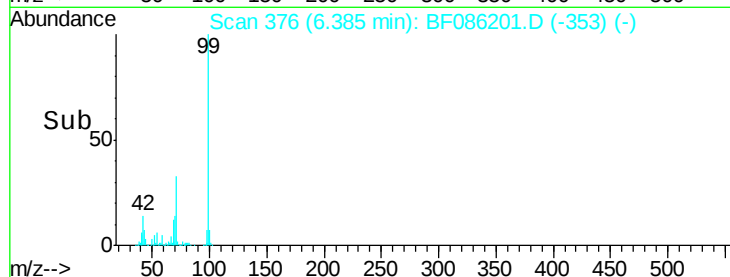
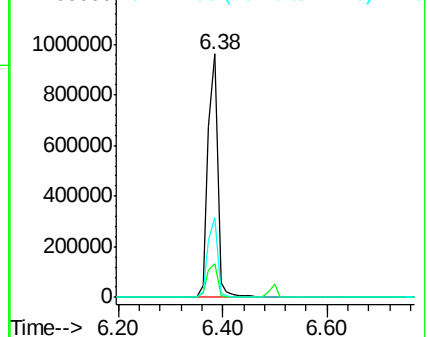
99 100

42 13.9 11.1 16.7

71 32.6 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



#9

Benzaldehyde

Concen: 3.97 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

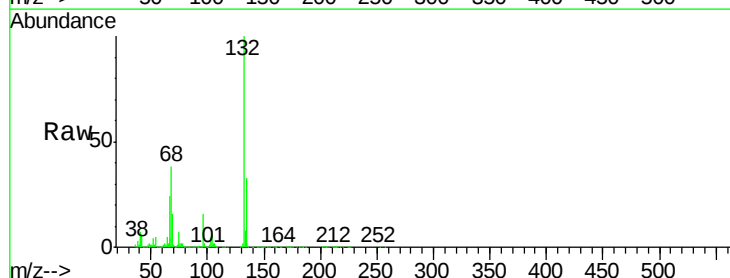
Tgt Ion: 77 Resp: 19962

Ion Ratio Lower Upper

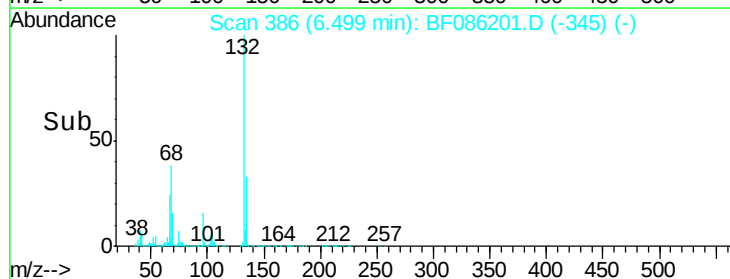
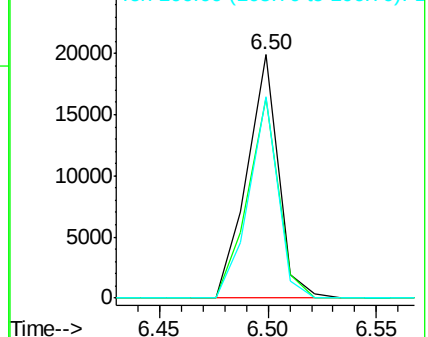
77 100

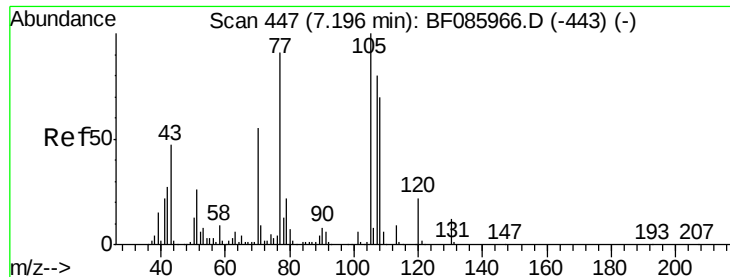
105 82.0 80.1 120.1

106 82.8 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

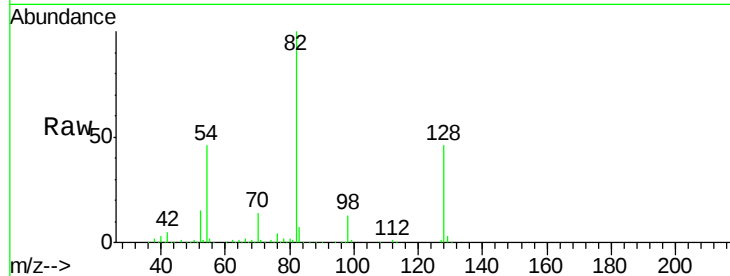




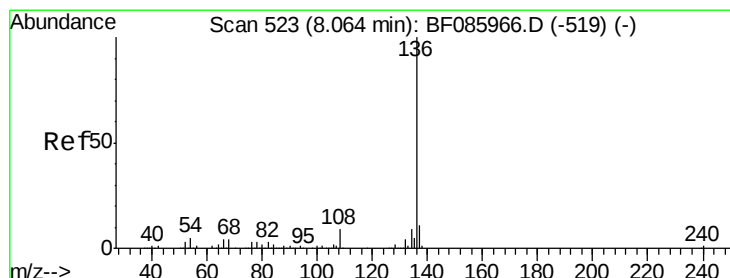
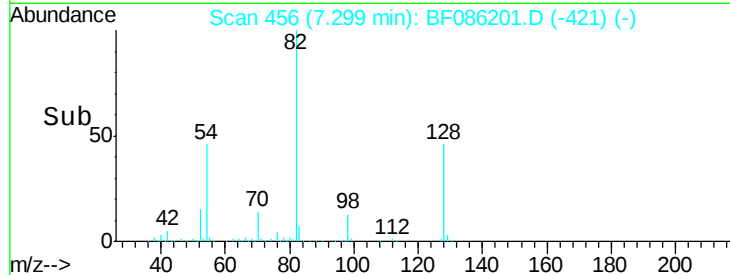
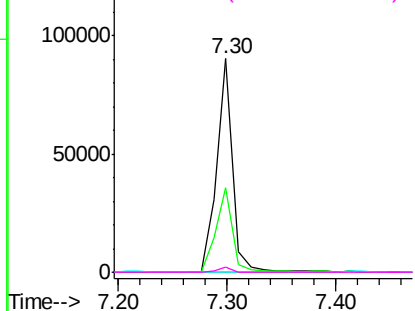
#19
n-Nitroso-di-n-propylamine
Concen: 16.06 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion: 70 Resp: 93105
Ion Ratio Lower Upper
70 100
42 39.4 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#



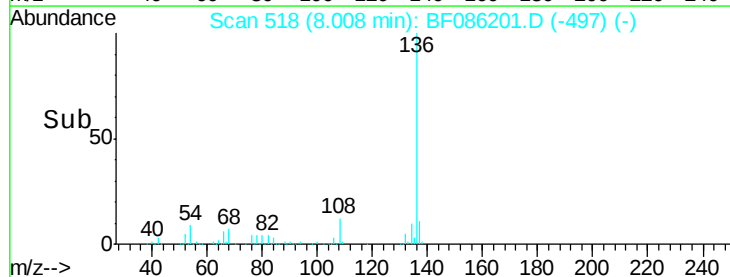
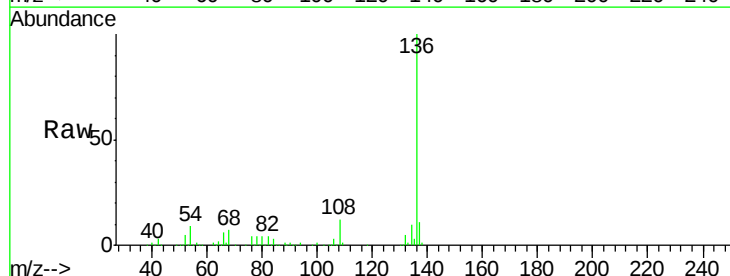
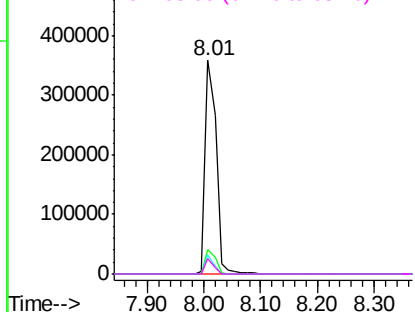
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

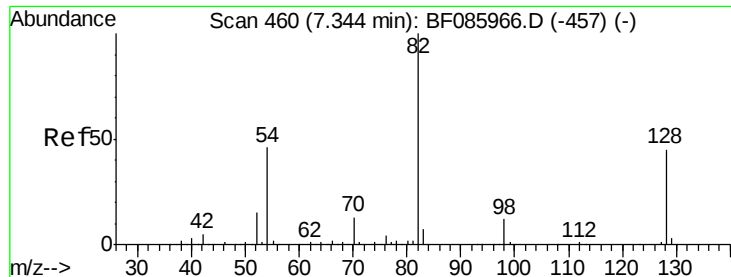


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion: 136 Resp: 457763
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.1 7.4 11.0
68 7.3 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

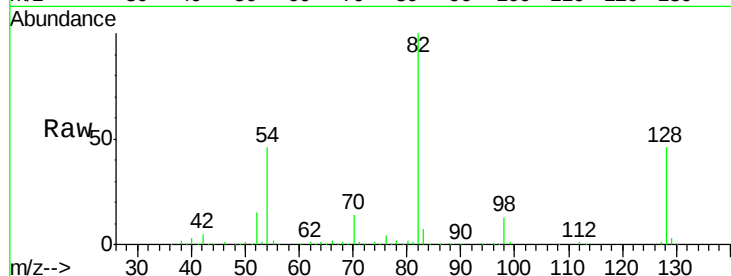




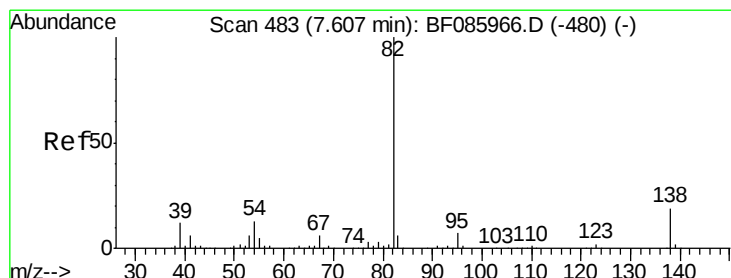
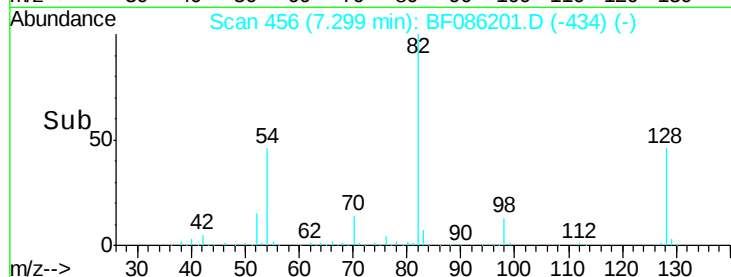
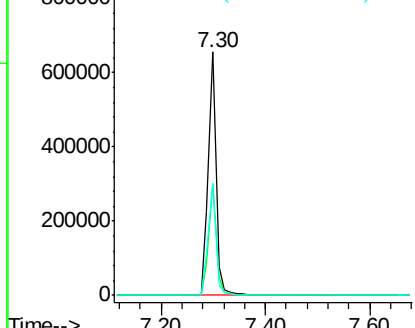
#23
 Nitrobenzene-d5
 Concen: 89.11 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Tgt Ion: 82 Resp: 691711
 Ion Ratio Lower Upper
 82 100
 128 45.7 41.8 62.8
 54 46.2 33.4 50.0

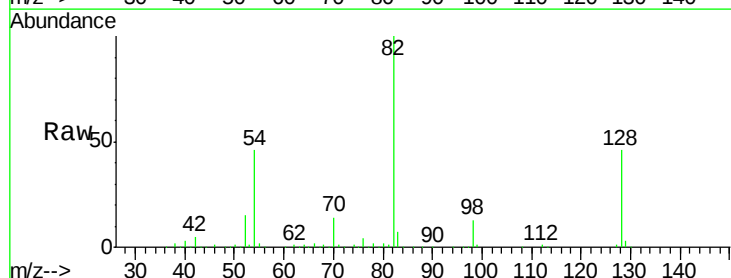


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

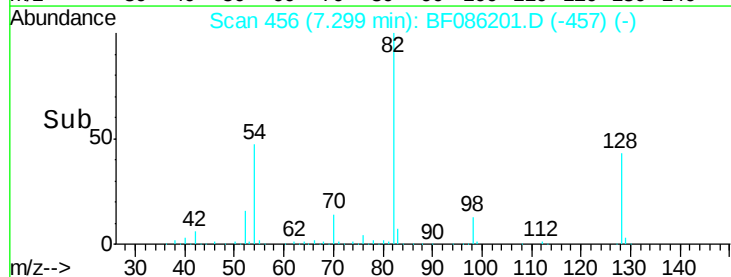
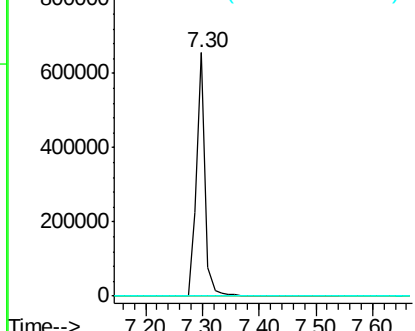


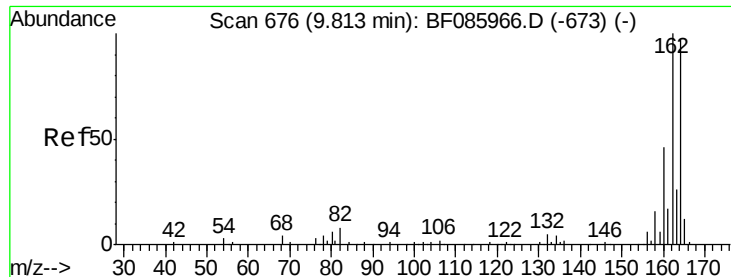
#25
 Isophorone
 Concen: 44.74 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.31 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Tgt Ion: 82 Resp: 685482
 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): BF0

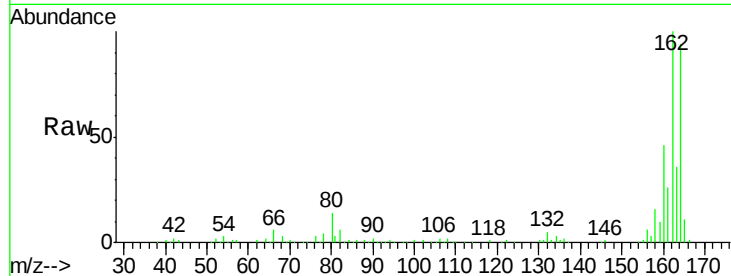




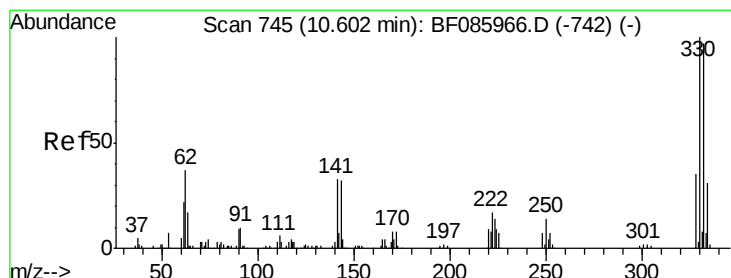
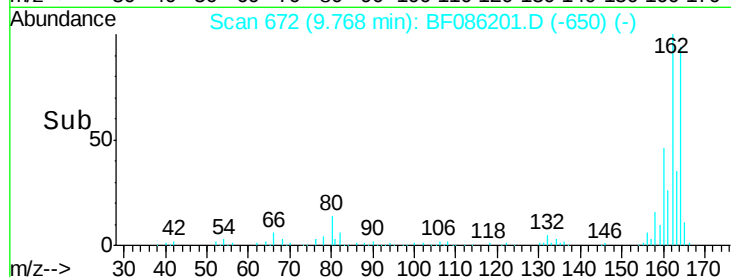
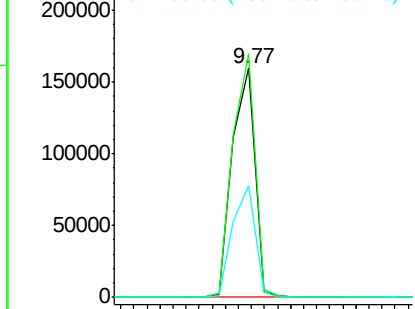
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Tgt Ion:164 Resp: 192142
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.1 123.1
 160 49.0 37.4 56.2

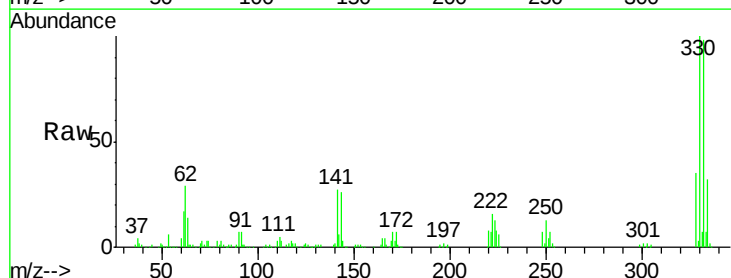


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

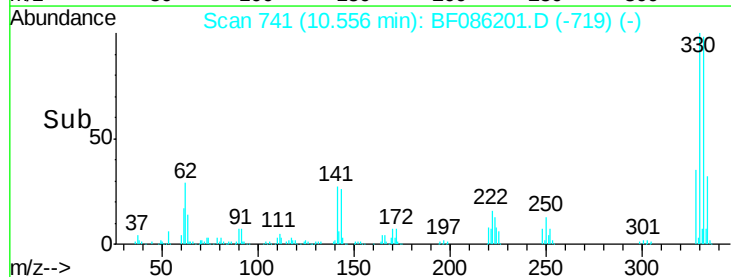
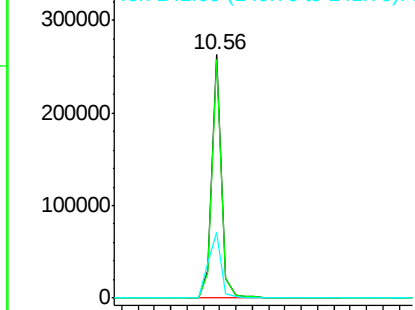


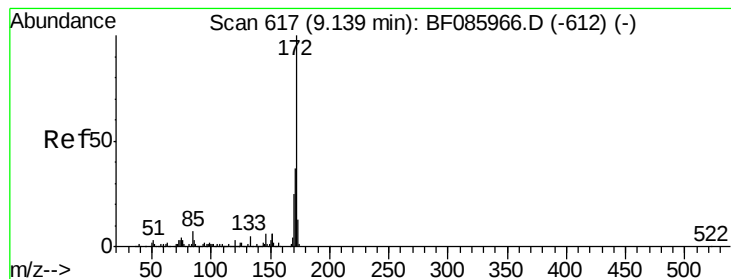
#41
 2,4,6-Tribromophenol
 Concen: 123.24 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Tgt Ion:330 Resp: 222259
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 36.3 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

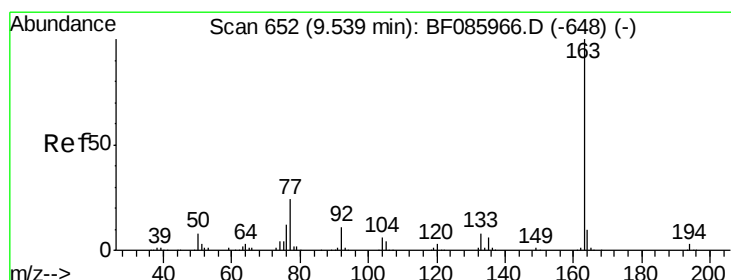
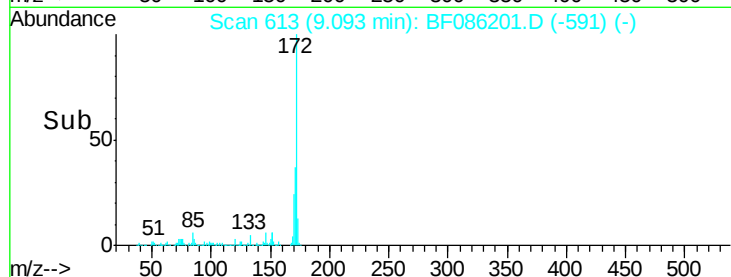
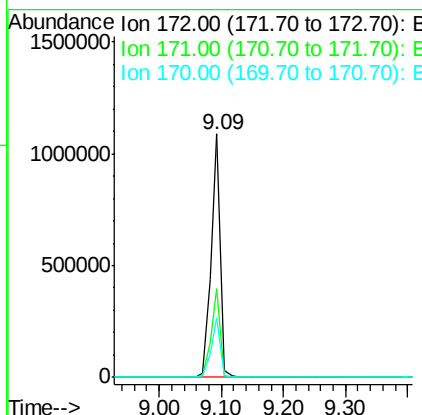
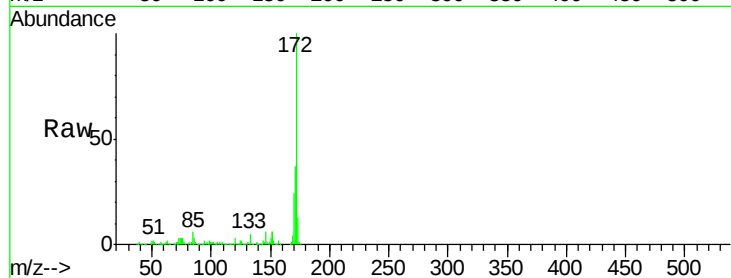




#44
2-Fluorobiphenyl
Concen: 94.41 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

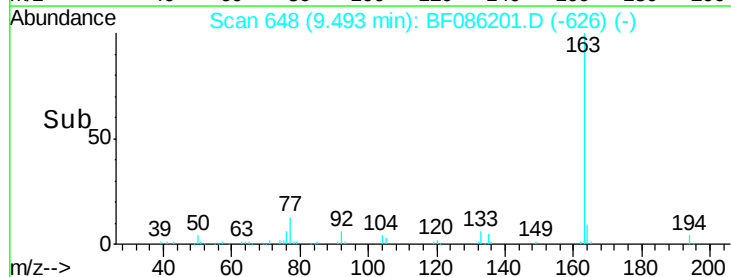
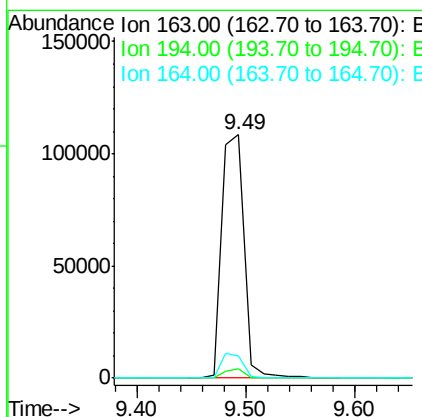
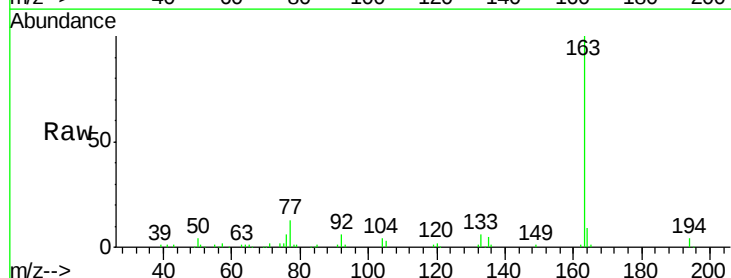
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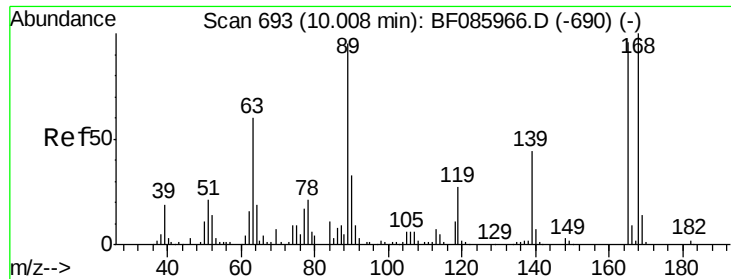
Tgt Ion:172 Resp: 1090999
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.4 19.8 29.6



#49
Dimethylphthalate
Concen: 10.80 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:163 Resp: 153788
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.4 8.3 12.5

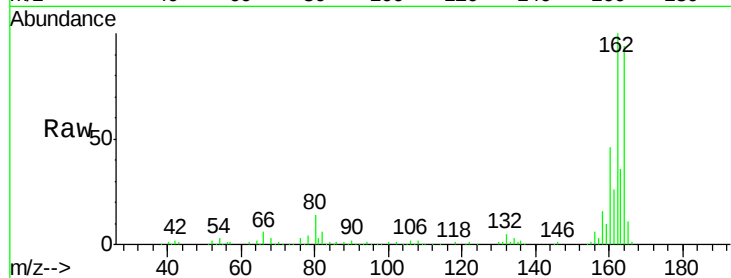




#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Tgt Ion:	165	Resp:	23966
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.1	41.0	61.6#
182	0.0	2.1	3.1#

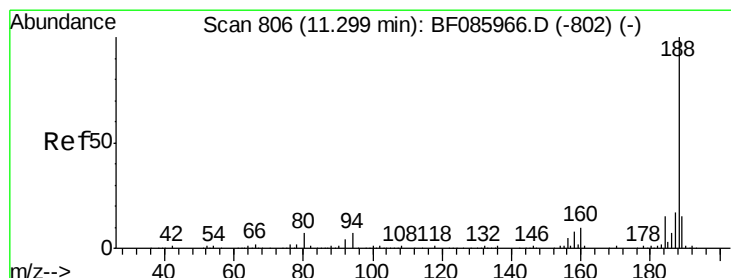
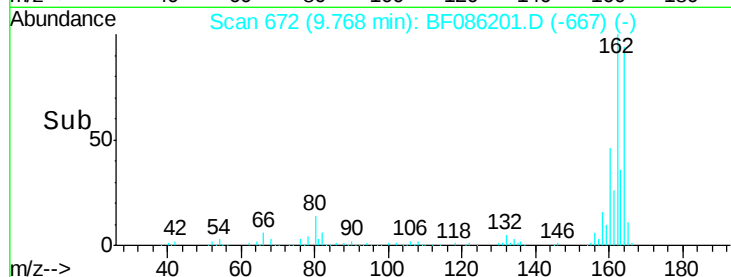
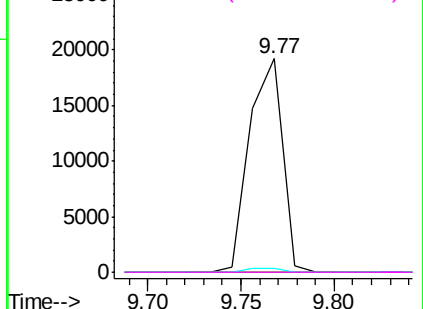


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

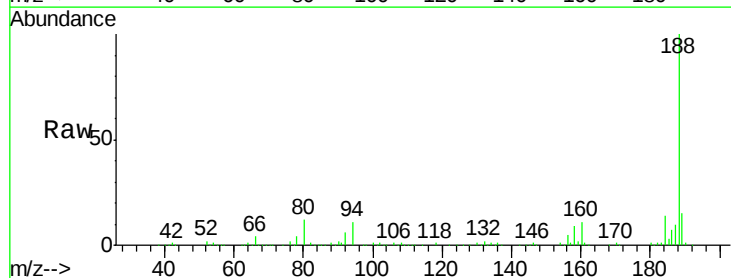
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

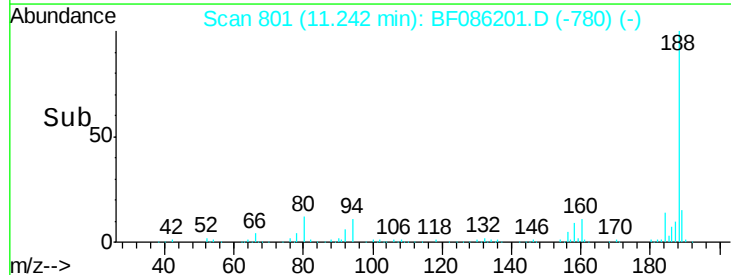
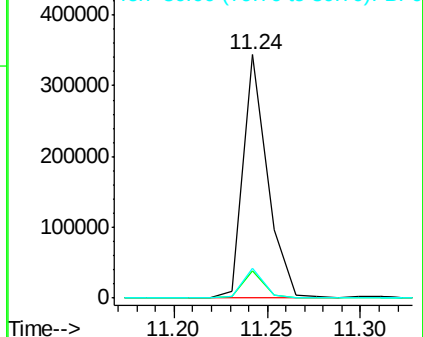
Tgt Ion:	188	Resp:	314484
Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.4	8.0#
80	12.3	5.5	8.3#

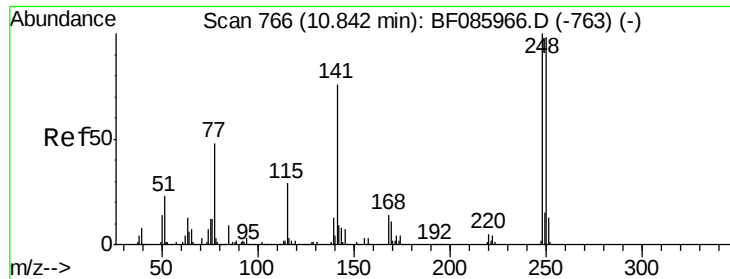


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

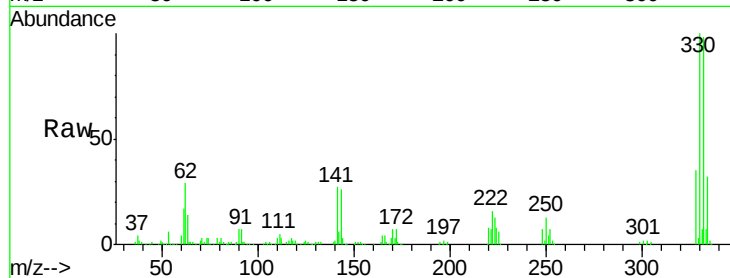




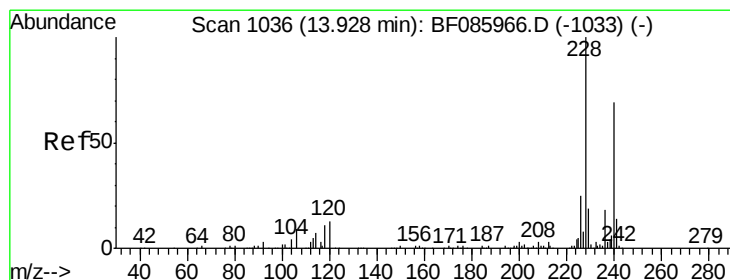
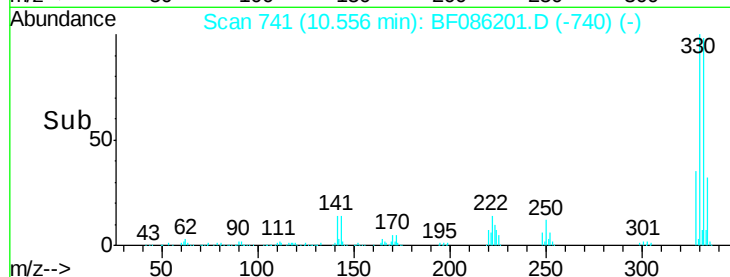
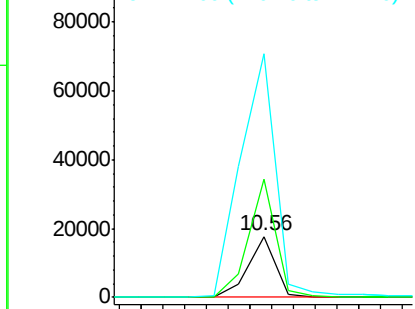
#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.29 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-02(0.5-20.0)

Tgt Ion:248 Resp: 15338
 Ion Ratio Lower Upper
 248 100
 250 195.0 77.4 116.0#
 141 401.6 63.6 95.4#

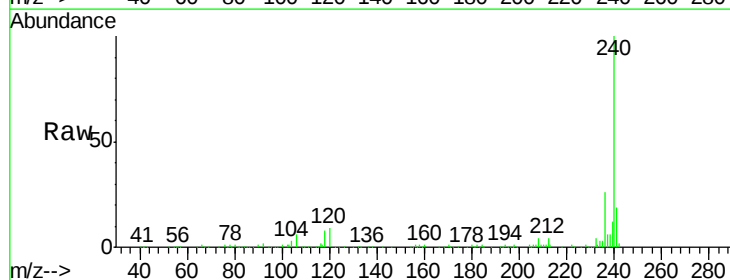


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

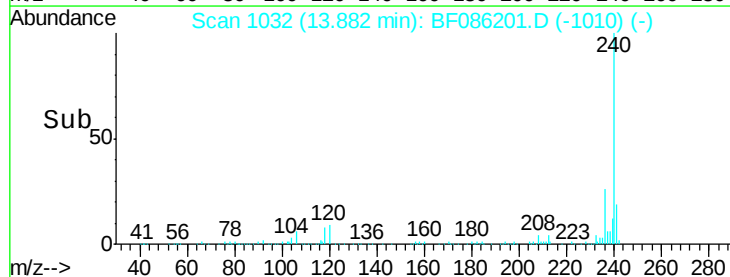
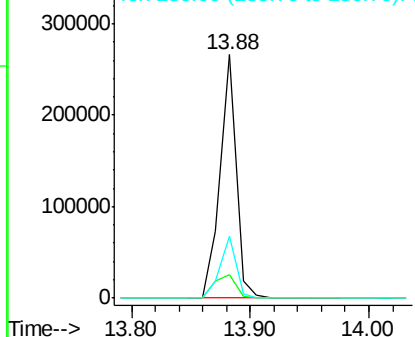


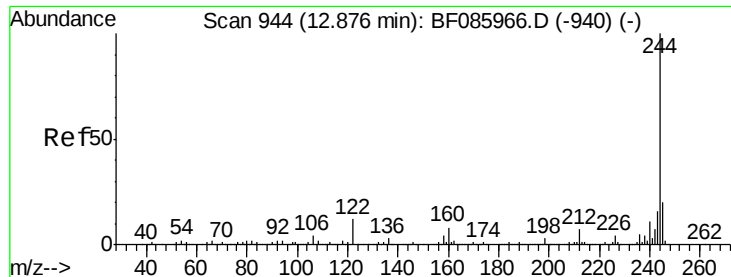
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF086201.D
 Acq: 9 Apr 2016 6:42

Tgt Ion:240 Resp: 250288
 Ion Ratio Lower Upper
 240 100
 120 9.5 13.8 20.8#
 236 25.6 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: 68.28 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-02(0.5-20.0)

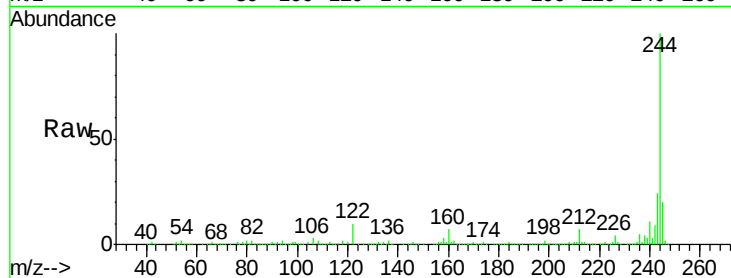
Tgt Ion:244 Resp: 727025

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

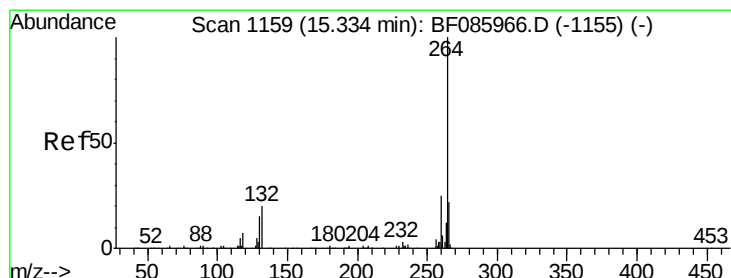
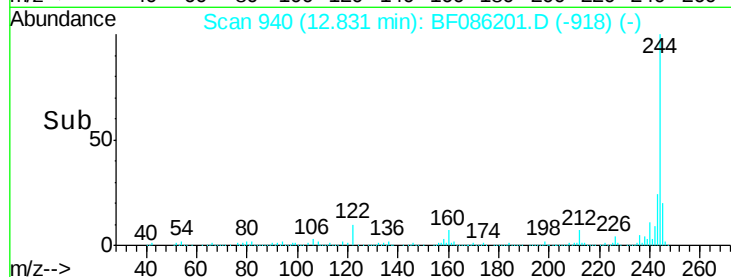
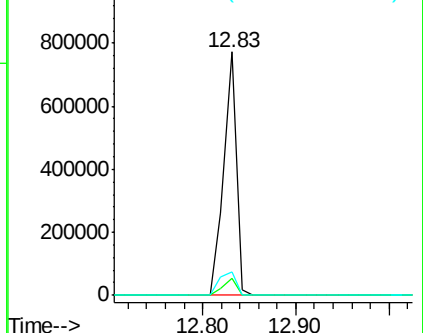
122 9.7 10.2 15.4#



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086201.D

Acq: 9 Apr 2016 6:42

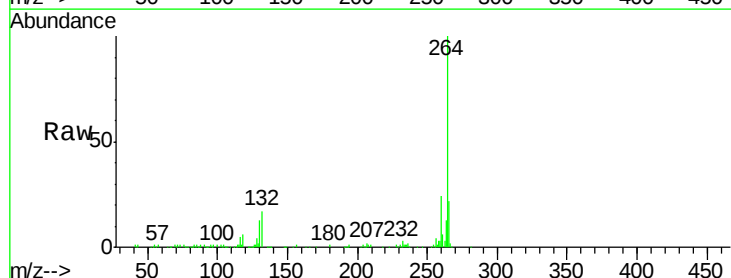
Tgt Ion:264 Resp: 196181

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.6 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

