

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089122.D
 Acq On : 19 Jul 2016 17:10
 Operator : UM/SJ
 Sample : H4099-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOMS-RIVER-NJ

Quant Time: Jul 20 02:14:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

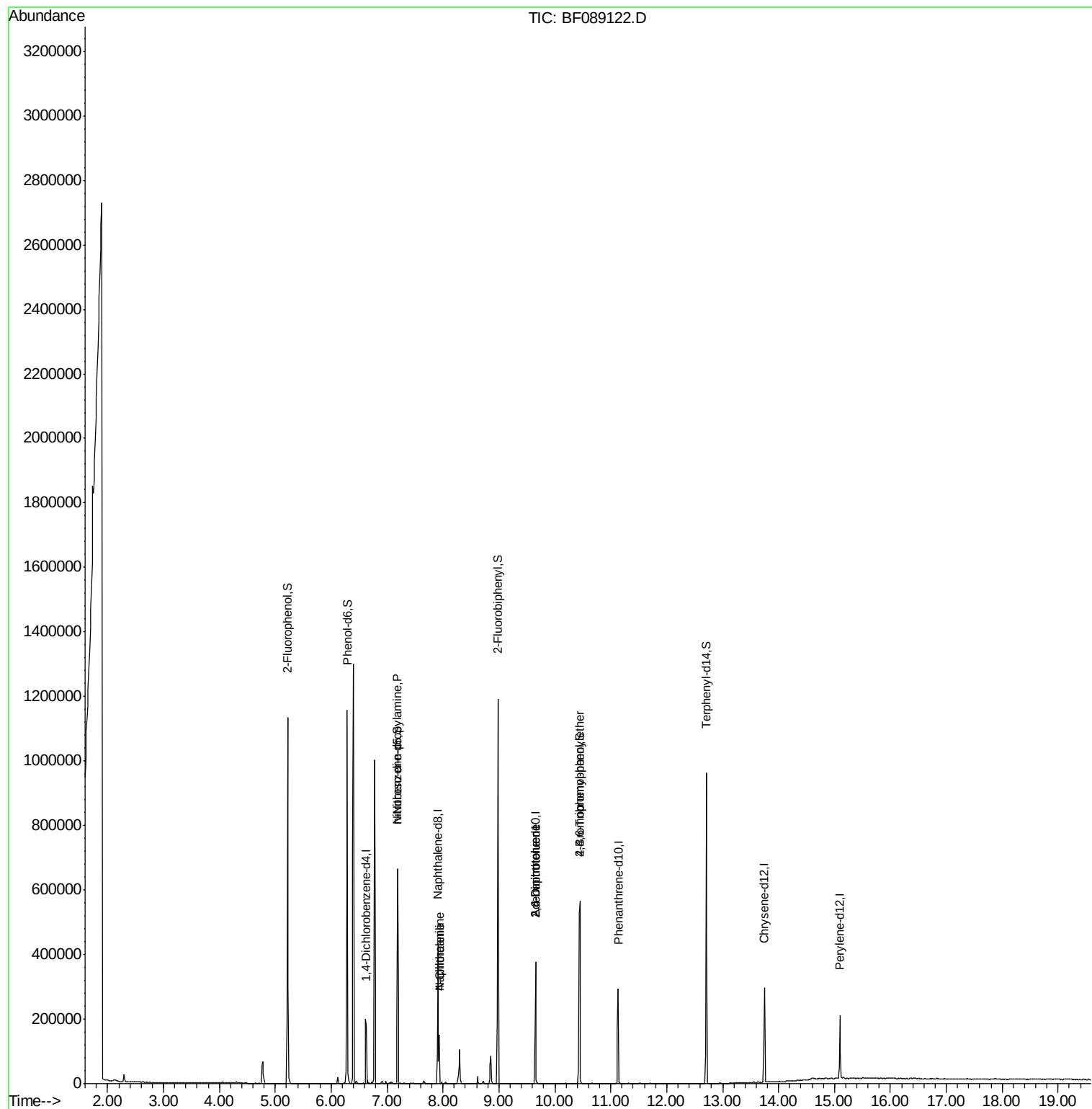
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	42289	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	182643	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	79522	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	128513	20.00	ng	0.00
75) Chrysene-d12	13.75	240	94715	20.00	ng	-0.01
86) Perylene-d12	15.10	264	77211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	321213	113.84	ng	0.01
7) Phenol-d6	6.28	99	462455	126.84	ng	0.00
23) Nitrobenzene-d5	7.19	82	264557	75.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	91360	123.72	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	516111	102.52	ng	-0.01
78) Terphenyl-d14	12.71	244	328920	77.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	35255	14.40	ng	# 74
31) Naphthalene	7.93	128	70611	7.84	ng	99
33) 4-Chloroaniline	7.93	127	9184	2.29	ng	# 36
50) 2,6-Dinitrotoluene	9.66	165	10162	8.09	ng	# 37
56) 2,4-Dinitrotoluene	9.66	165	10162	6.19	ng	# 36
66) 4-Bromophenyl-phenylether	10.44	248	6734	5.20	ng	# 1

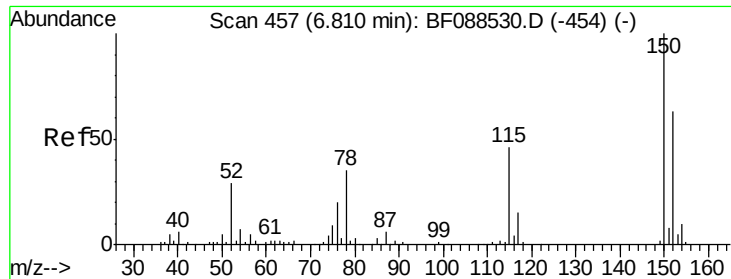
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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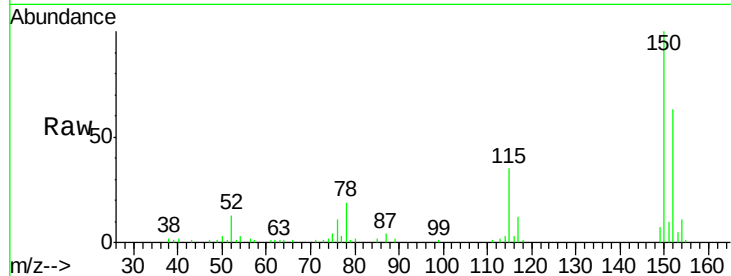




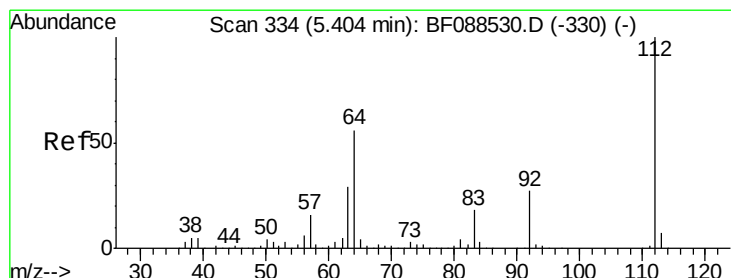
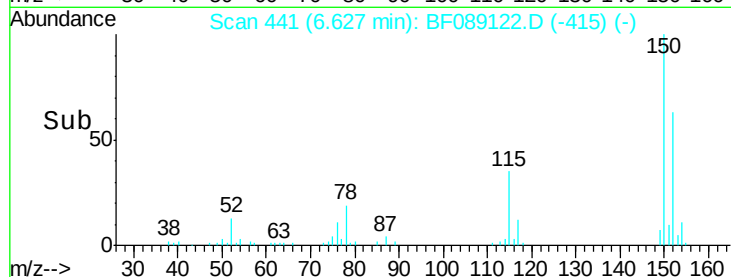
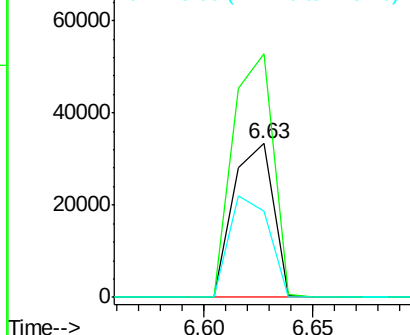
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TOMS-RIVER-NJ

Tgt Ion:152 Resp: 42289
 Ion Ratio Lower Upper
 152 100
 150 158.5 123.8 185.6
 115 55.8 39.6 59.4

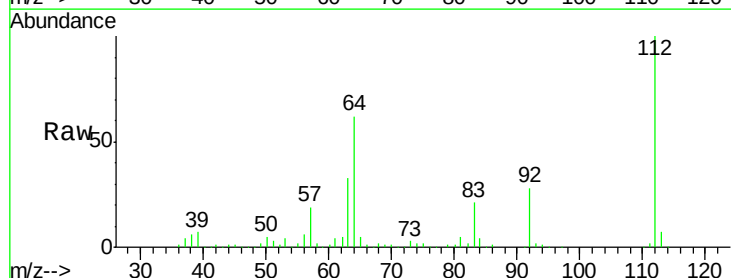


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

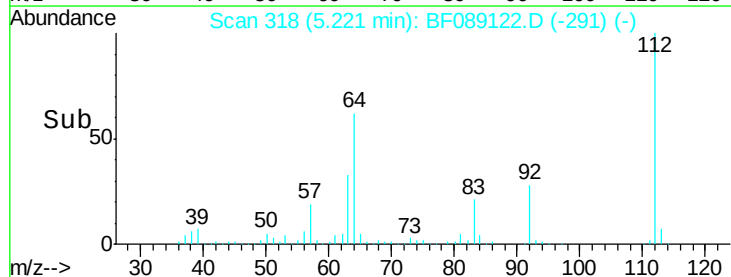
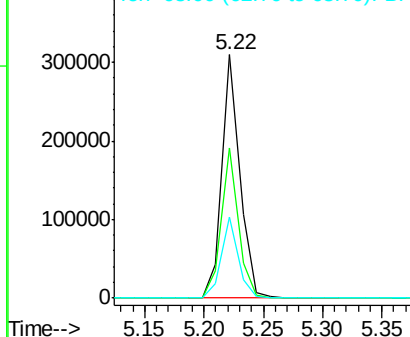


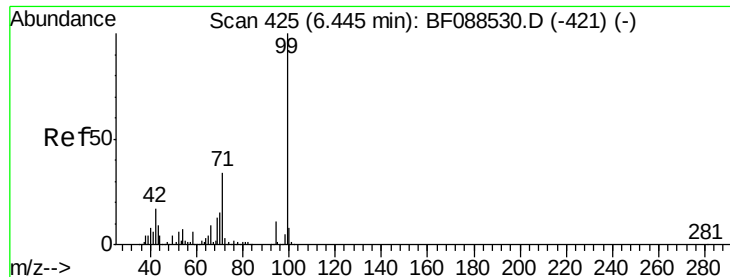
#5
 2-Fluorophenol
 Concen: 113.84 ng
 RT: 5.22 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Tgt Ion:112 Resp: 321213
 Ion Ratio Lower Upper
 112 100
 64 61.8 42.2 63.2
 63 33.1 21.8 32.8#



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: 126.84 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF089122.D

Acq: 19 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

TOMS-RIVER-NJ

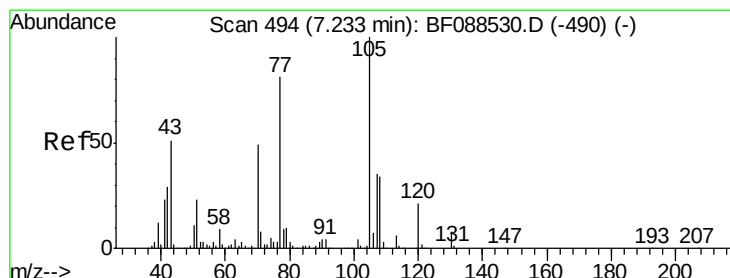
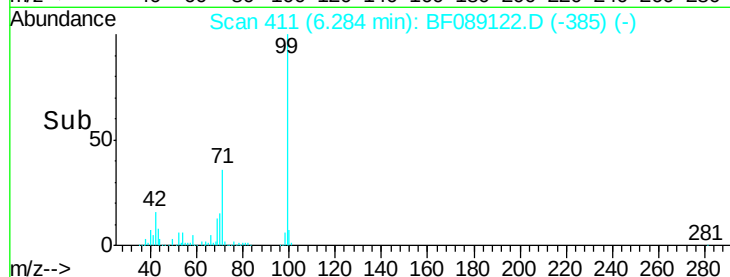
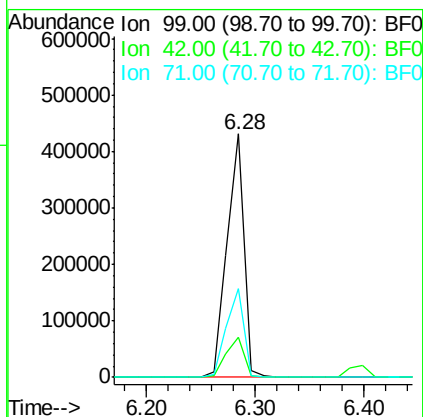
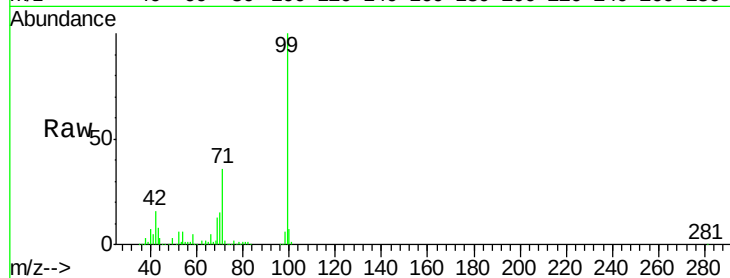
Tgt Ion: 99 Resp: 462455

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 36.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.14 min

Lab File: BF089122.D

Acq: 19 Jul 2016 17:10

Tgt Ion: 70 Resp: 35255

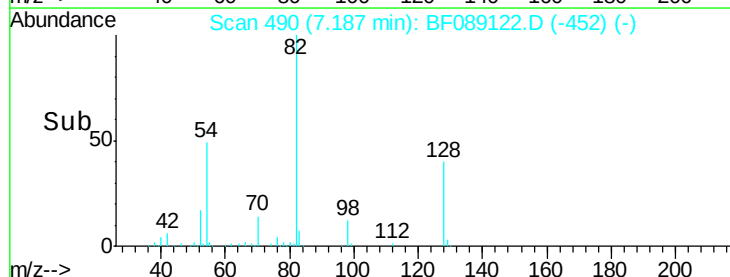
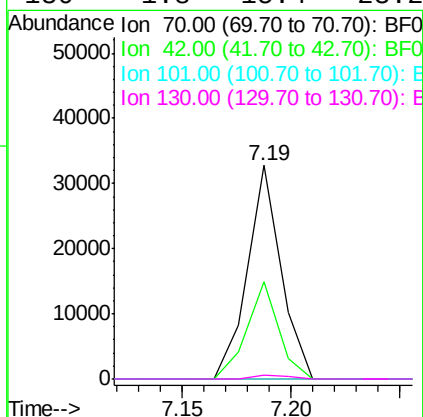
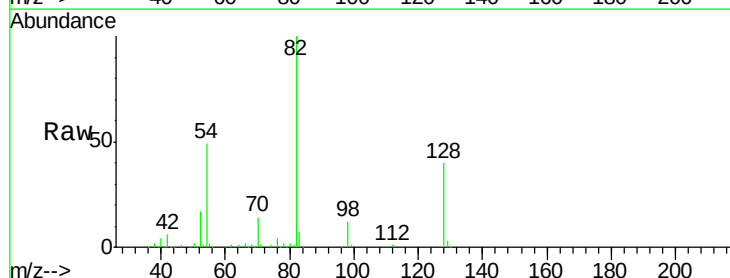
Ion Ratio Lower Upper

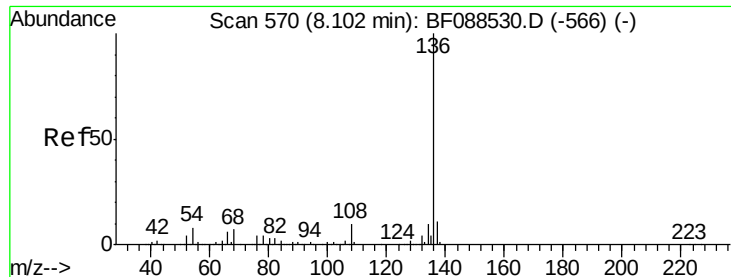
70 100

42 45.4 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

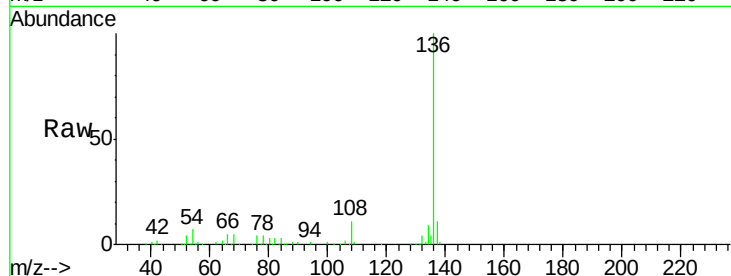




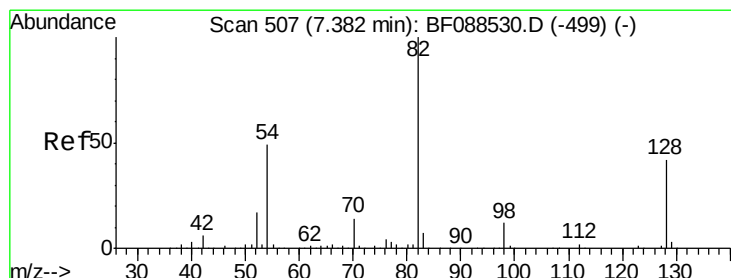
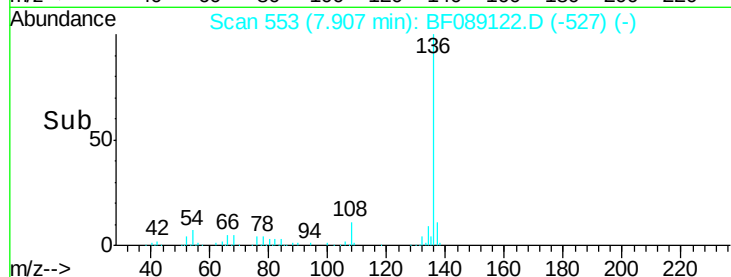
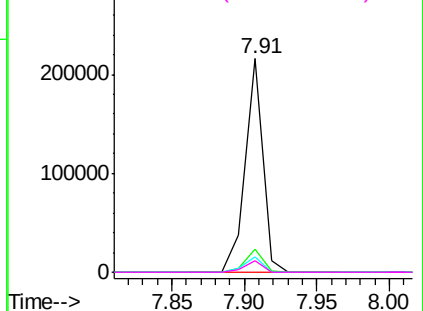
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF089122.D
Acq: 19 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
TOMS-RIVER-NJ

Tgt Ion:	136	Resp:	182643
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.1	6.6	10.0
68	5.5	5.1	7.7

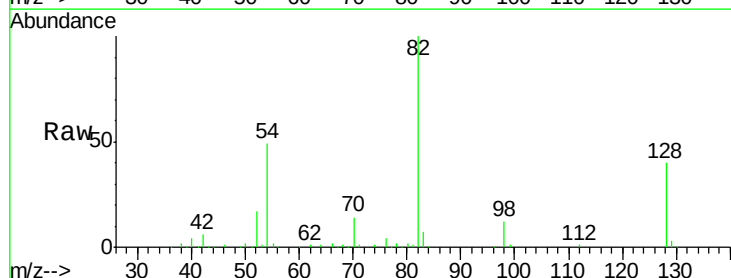


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

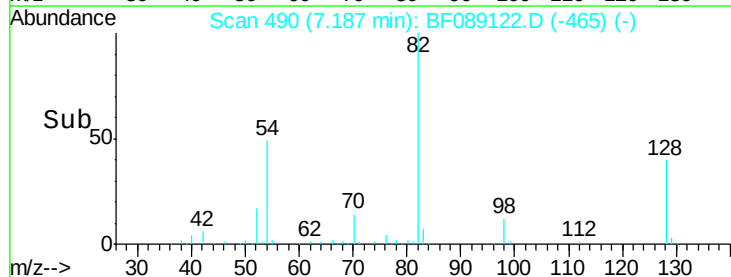
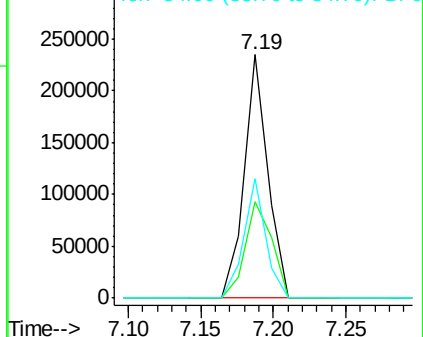


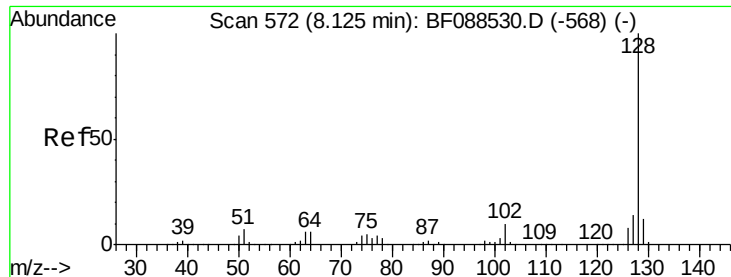
#23
Nitrobenzene-d5
Concen: 75.91 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089122.D
Acq: 19 Jul 2016 17:10

Tgt Ion:	82	Resp:	264557
Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.9	53.9
54	49.0	40.9	61.3



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

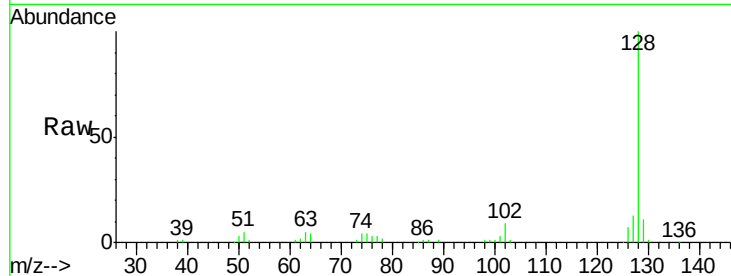




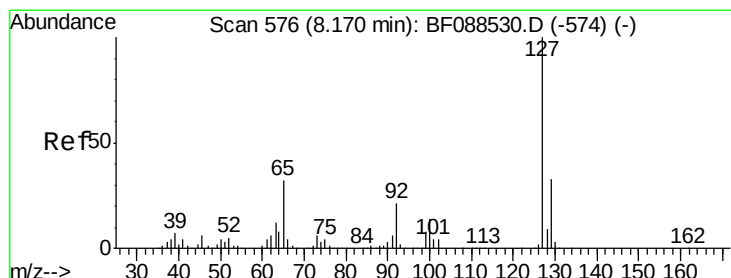
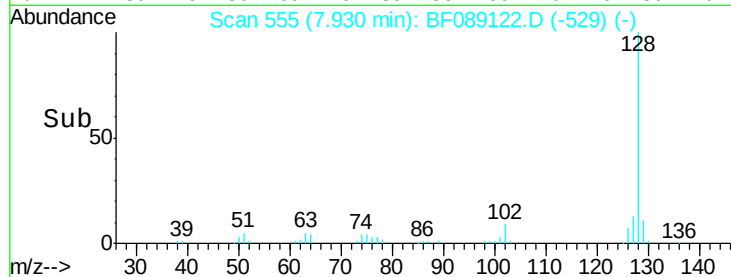
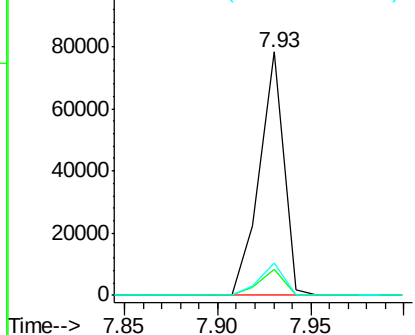
#31
Naphthalene
Concen: 7.84 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089122.D
Acq: 19 Jul 2016 17:10

Instrument :
BNA_F
ClientSampleId :
TOMS-RIVER-NJ

Tgt Ion:128 Resp: 70611
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.4 10.9 16.3

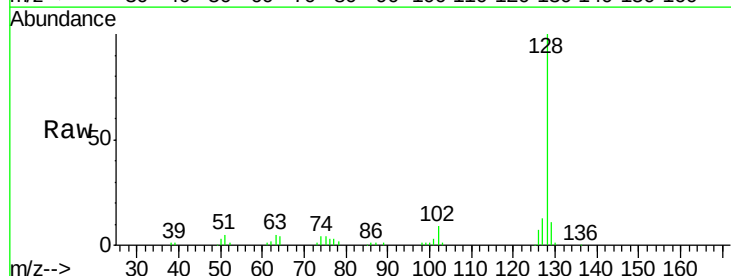


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

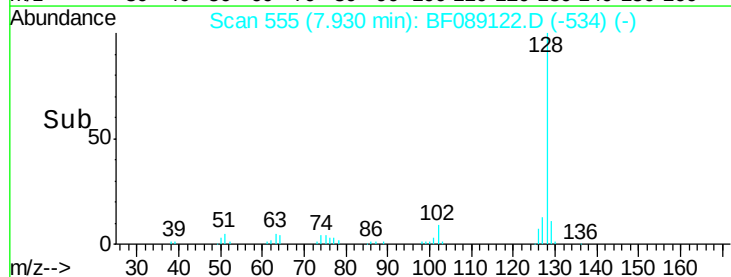
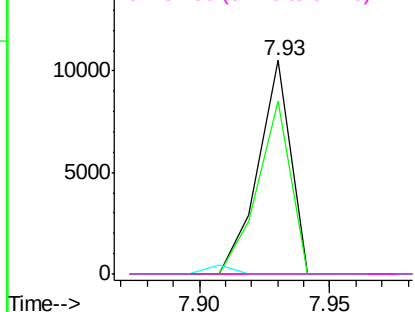


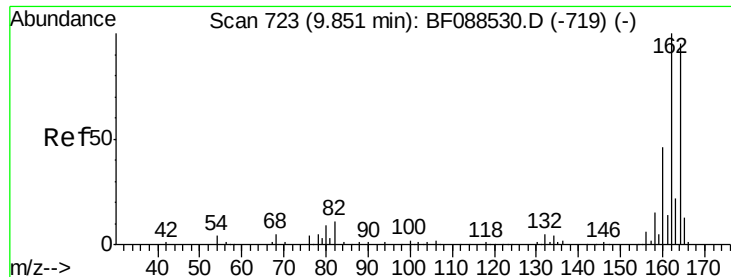
#33
4-Chloroaniline
Concen: 2.29 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.06 min
Lab File: BF089122.D
Acq: 19 Jul 2016 17:10

Tgt Ion:127 Resp: 9184
Ion Ratio Lower Upper
127 100
129 80.7 26.3 39.5#
65 0.0 24.7 37.1#
92 0.0 15.4 23.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

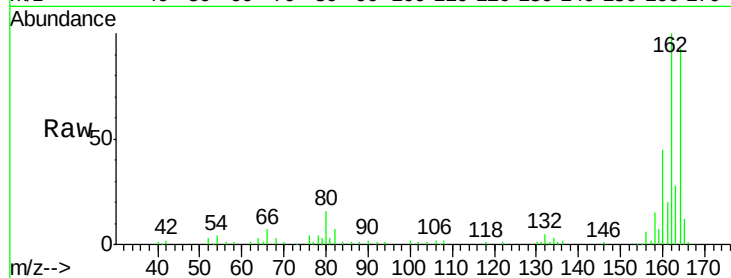




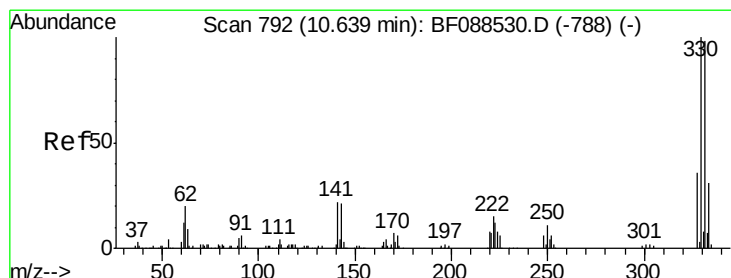
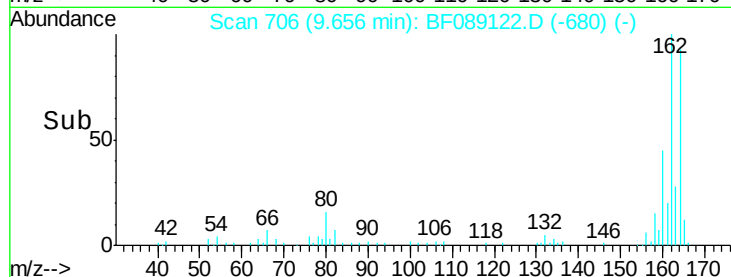
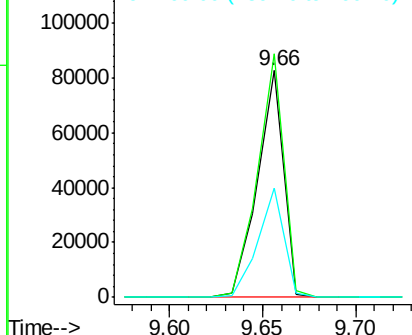
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TOMS-RIVER-NJ

Tgt Ion:164 Resp: 79522
 Ion Ratio Lower Upper
 164 100
 162 107.4 85.4 128.2
 160 48.4 39.5 59.3

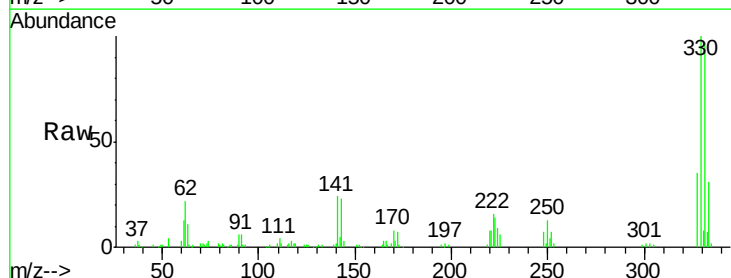


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

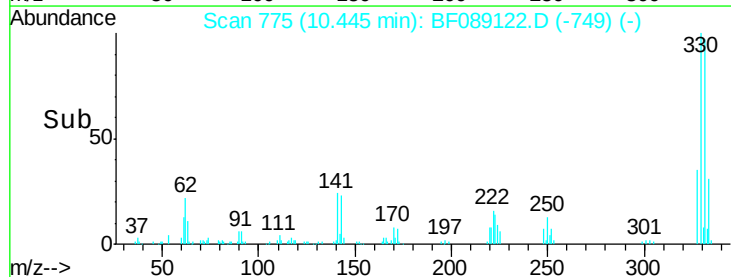
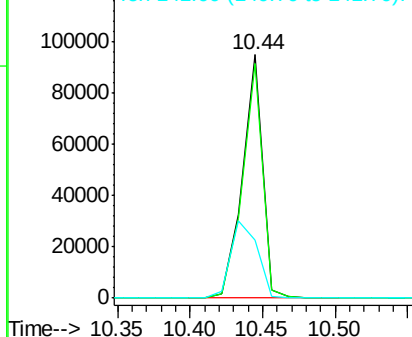


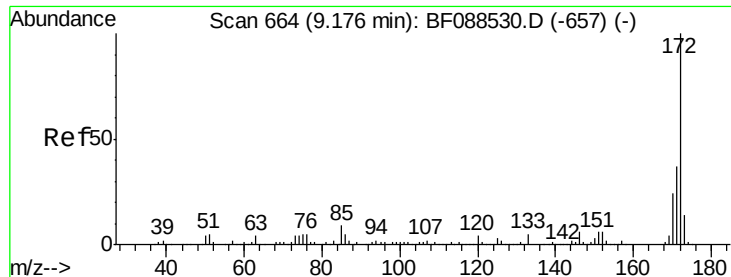
#41
 2,4,6-Tribromophenol
 Concen: 123.72 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Tgt Ion:330 Resp: 91360
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 42.0 0.0 0.0#



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

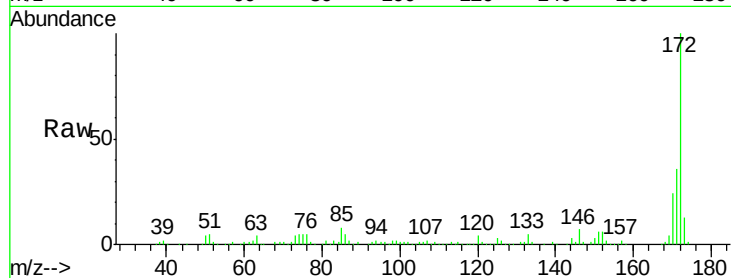




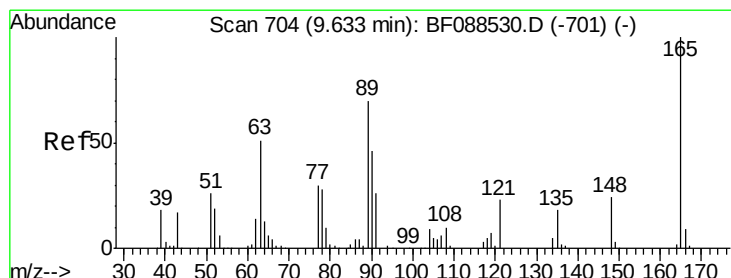
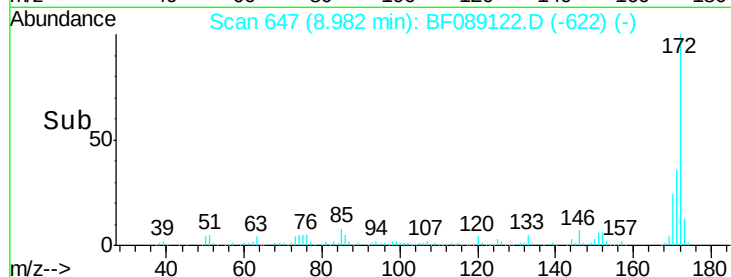
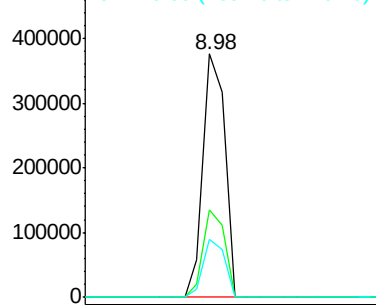
#44
 2-Fluorobiphenyl
 Concen: 102.52 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TOMS-RIVER-NJ

Tgt Ion:172 Resp: 516111
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.2 28.8

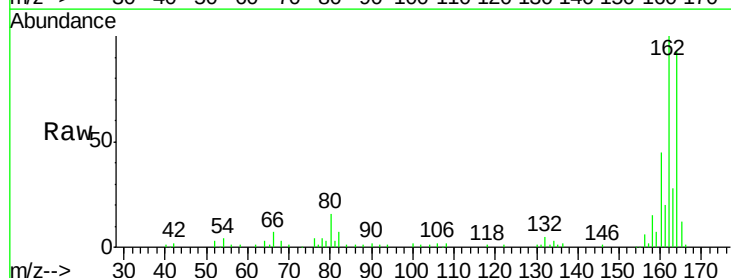


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

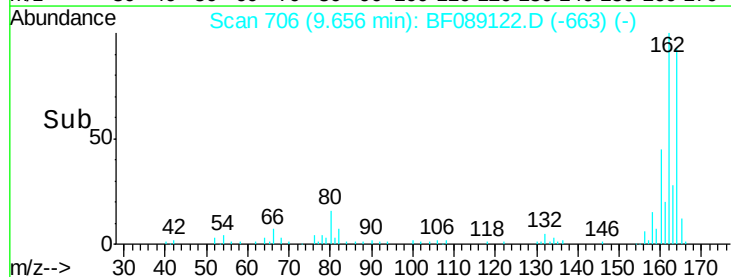
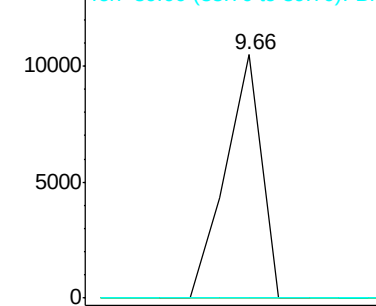


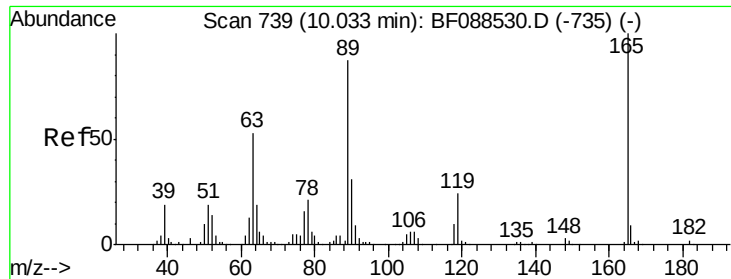
#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.19 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Tgt Ion:165 Resp: 10162
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#



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

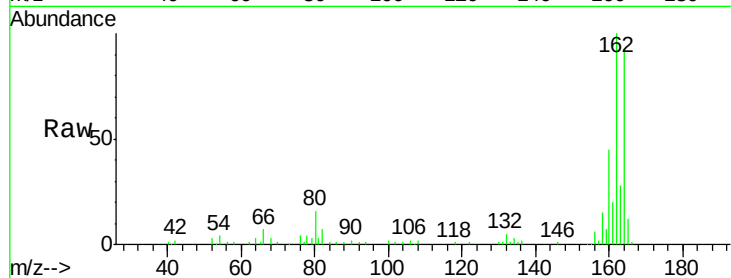




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.21 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TOMS-RIVER-NJ

Tgt Ion:	165	Resp:	10162
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

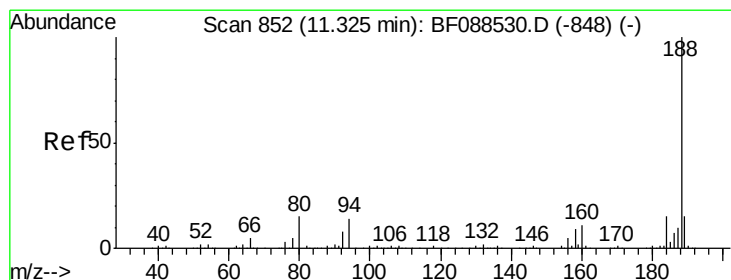
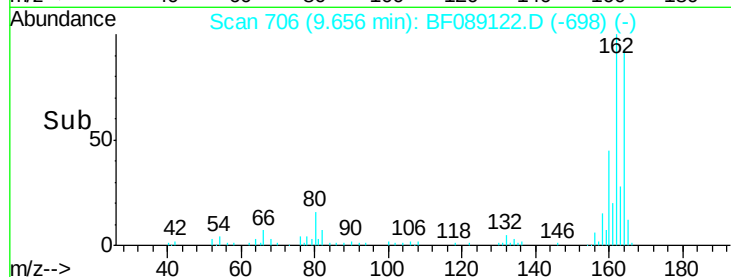
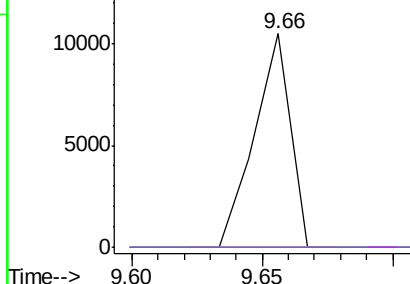


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

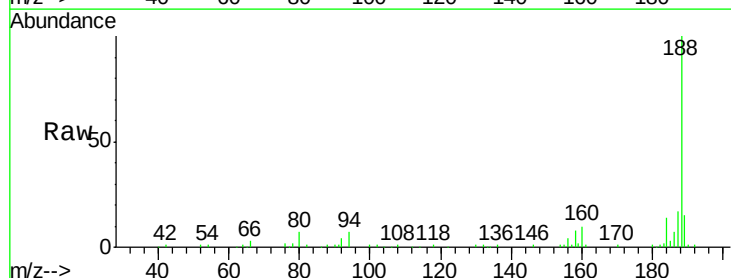
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

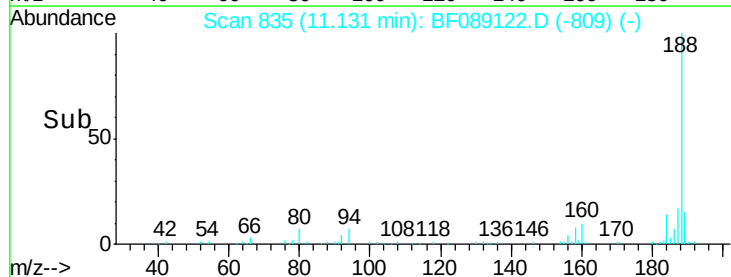
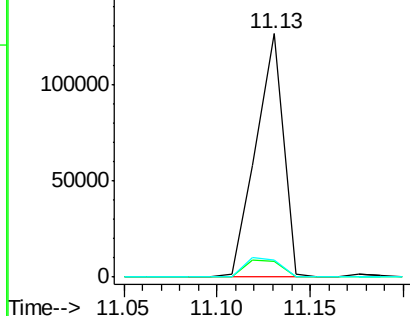
Tgt Ion:	188	Resp:	128513
Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.0	13.6#
80	7.1	10.0	15.0#

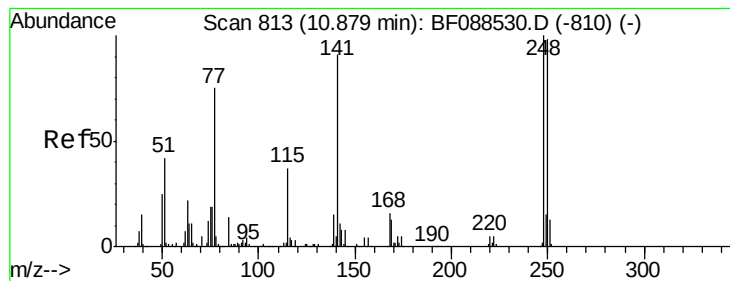


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.20 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.24 min

Lab File: BF089122.D

Acq: 19 Jul 2016 17:10

Instrument :

BNA_F

ClientSampleId :

TOMS-RIVER-NJ

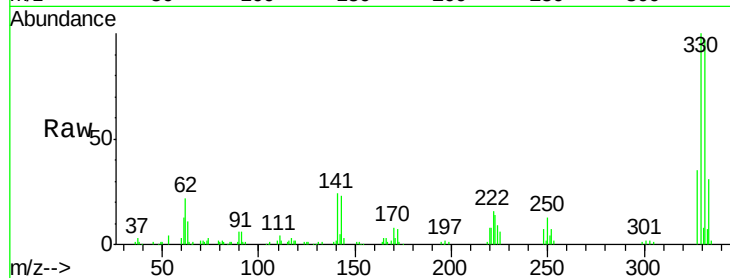
Tgt Ion:248 Resp: 6734

Ion Ratio Lower Upper

248 100

250 201.6 77.1 115.7#

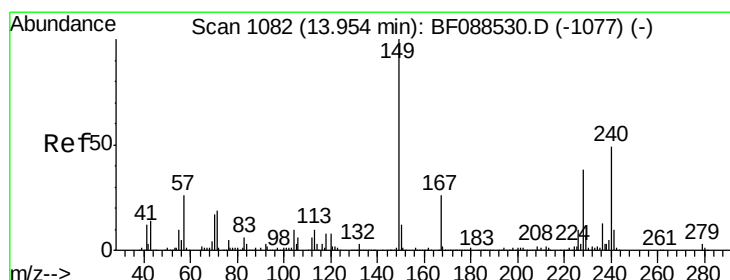
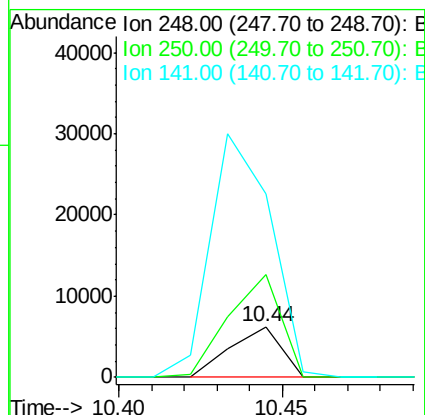
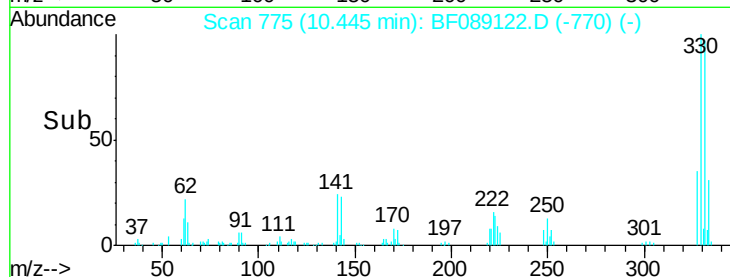
141 361.5 50.6 76.0#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089122.D

Acq: 19 Jul 2016 17:10

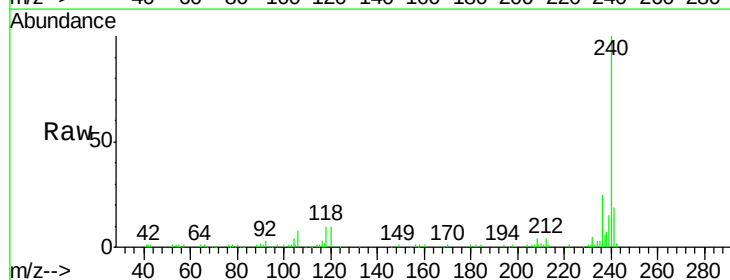
Tgt Ion:240 Resp: 94715

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

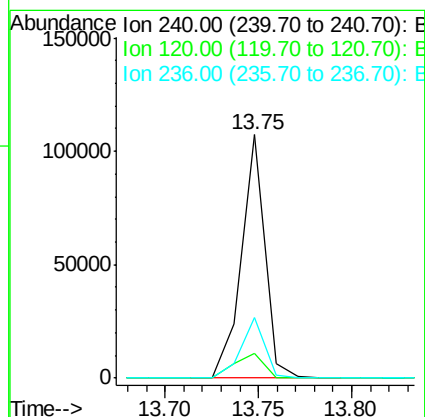
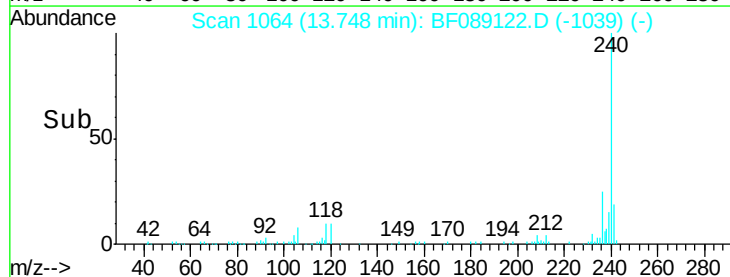
236 25.1 20.2 30.2

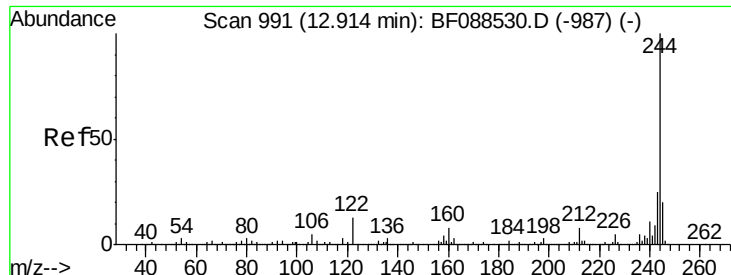


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

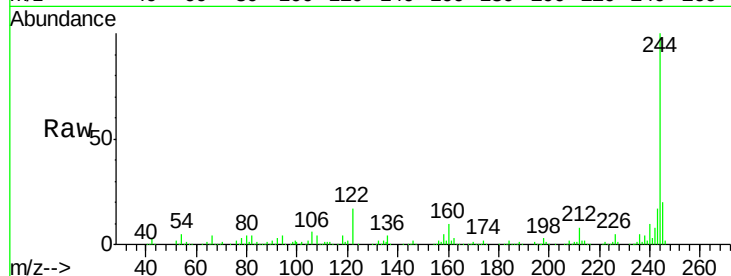




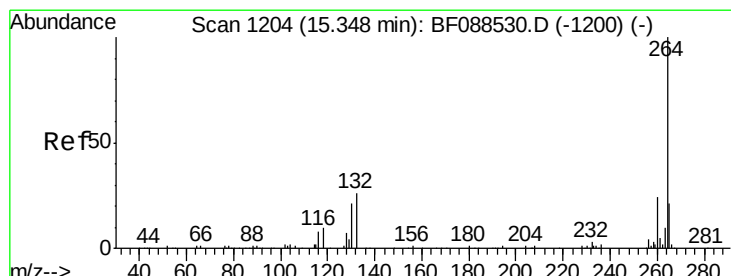
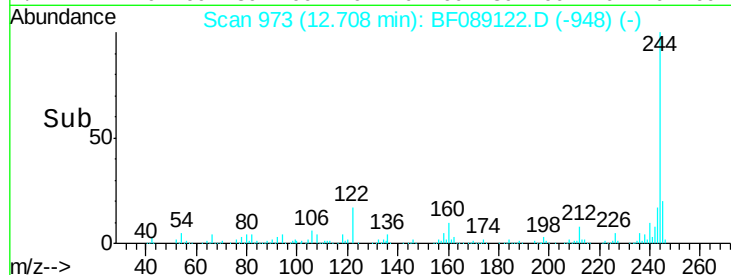
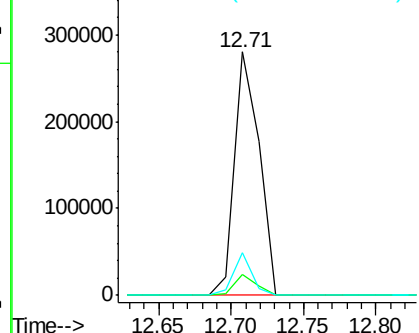
#78
 Terphenyl-d14
 Concen: 77.35 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TOMS-RIVER-NJ

Tgt Ion:244 Resp: 328920
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.0 9.0
 122 17.5 11.2 16.8#

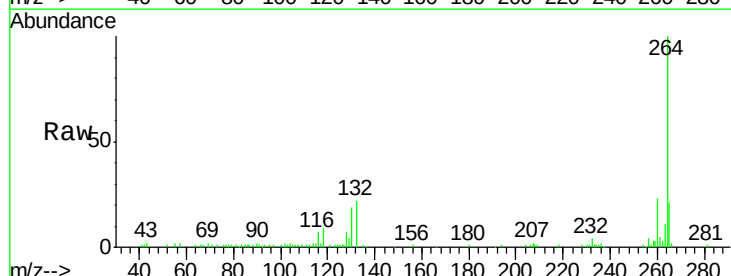


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF089122.D
 Acq: 19 Jul 2016 17:10

Tgt Ion:264 Resp: 77211
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.4 16.9 25.3



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

