

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086558.D
 Acq On : 1 May 2016 8:32
 Operator : UM/SJ
 Sample : H2757-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4GW

Quant Time: May 02 00:49:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

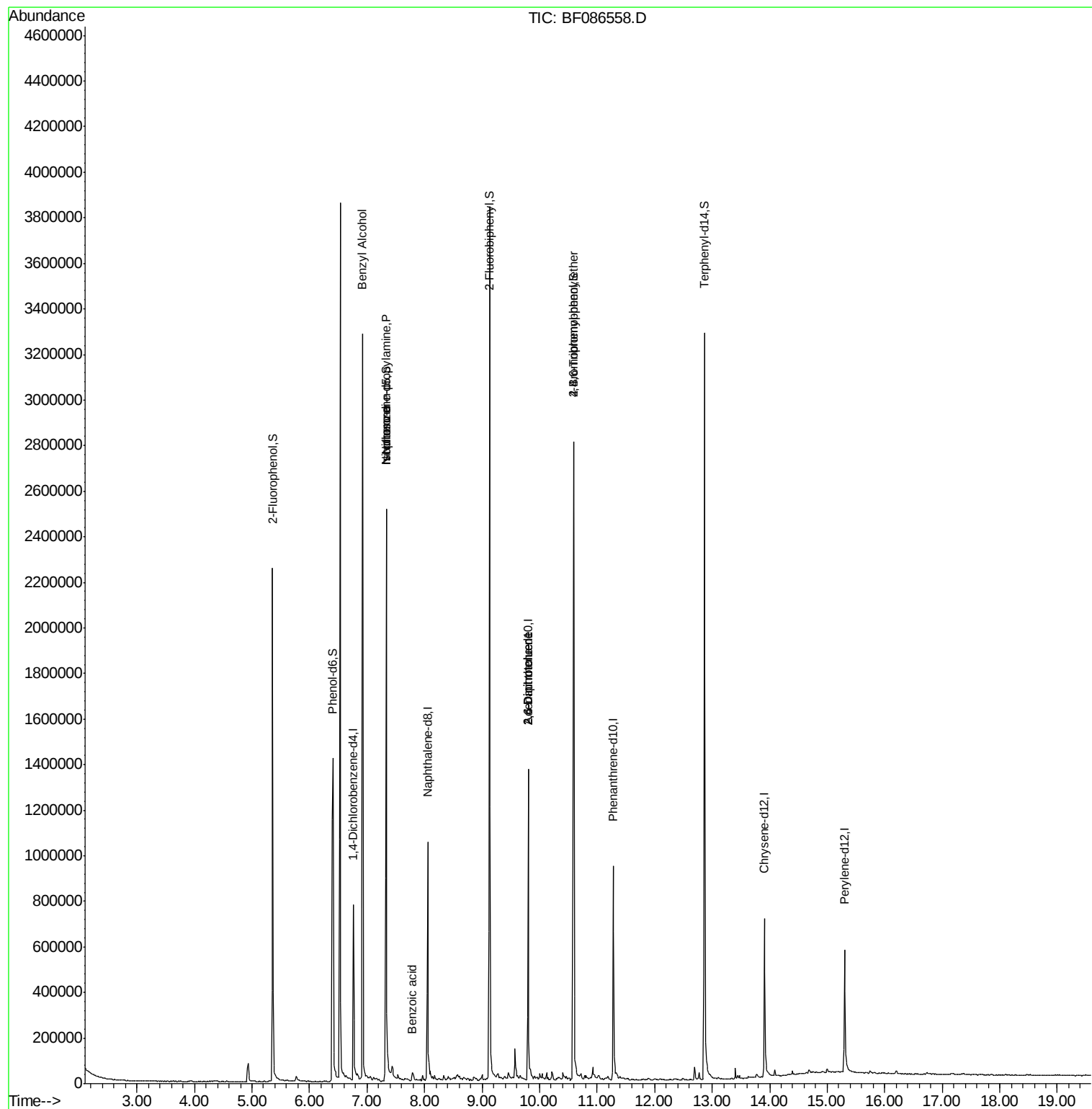
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	123844	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	534945	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	267175	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	494461	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	355248	20.00	ng	-0.06
86) Perylene-d12	15.30	264	298910	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	576775	80.33	ng	-0.03
7) Phenol-d6	6.41	99	691882	69.04	ng	-0.03
23) Nitrobenzene-d5	7.33	82	925358	93.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	344274	122.19	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1345159	89.01	ng	-0.05
78) Terphenyl-d14	12.86	244	1325347	82.19	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.92	79	17996	2.84	ng	# 40
19) n-Nitroso-di-n-propylamine	7.33	70	125882	19.00	ng	# 78
25) Isophorone	7.33	82	704328	36.87	ng	# 68
32) Benzoic acid	7.78	122	5515	9.68	ng	# 67
50) 2,6-Dinitrotoluene	9.80	165	33521	8.07	ng	# 21
56) 2,4-Dinitrotoluene	9.80	165	33516	6.33	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	21377	4.20	ng	# 1

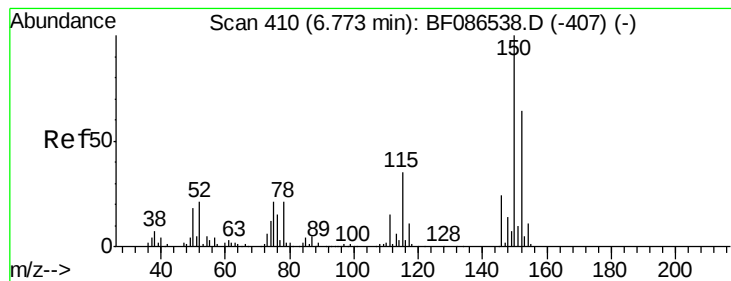
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

B4GW

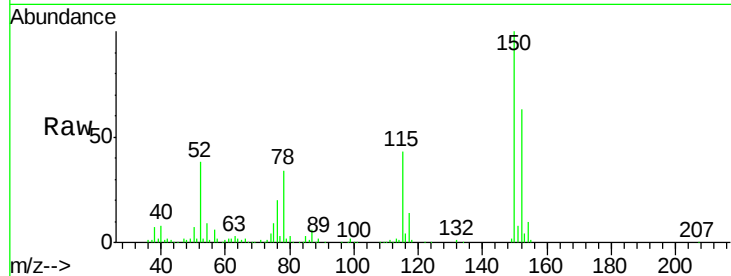
Tgt Ion:152 Resp: 123844

Ion Ratio Lower Upper

152 100

150 158.3 125.8 188.6

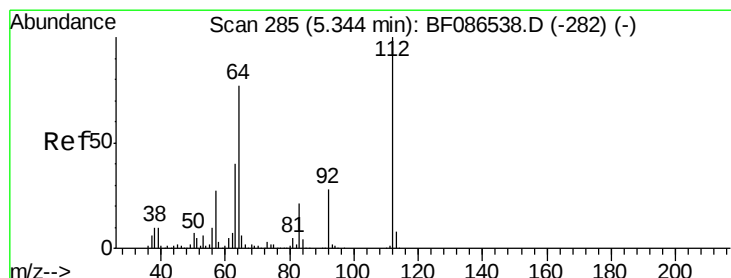
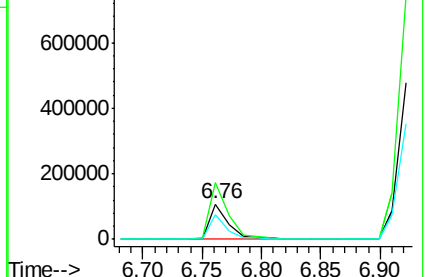
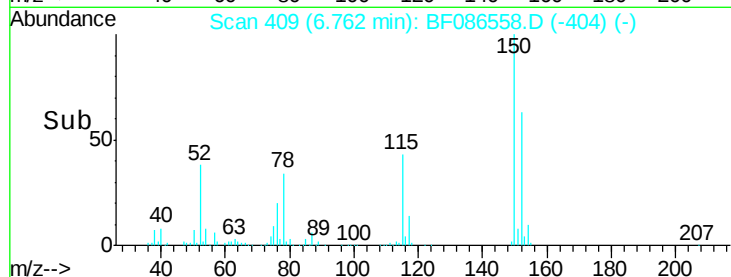
115 68.3 51.5 77.3



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: 80.33 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

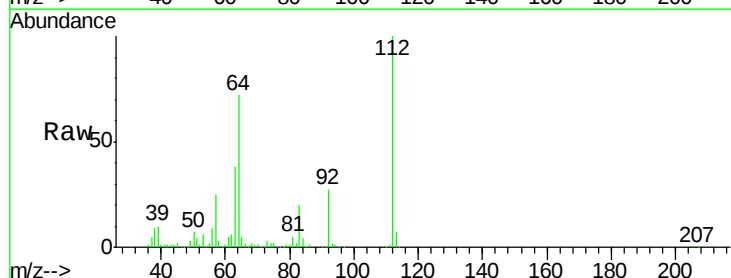
Tgt Ion:112 Resp: 576775

Ion Ratio Lower Upper

112 100

64 71.6 52.1 78.1

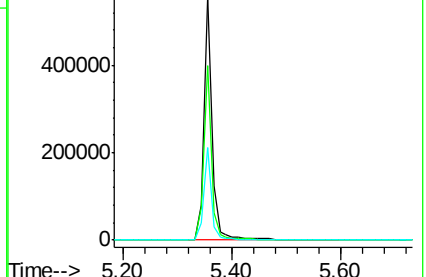
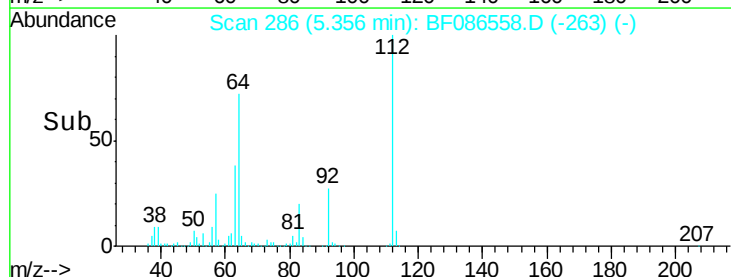
63 37.9 25.7 38.5

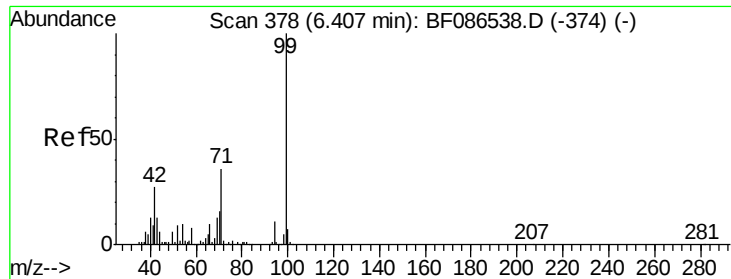


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.04 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

B4GW

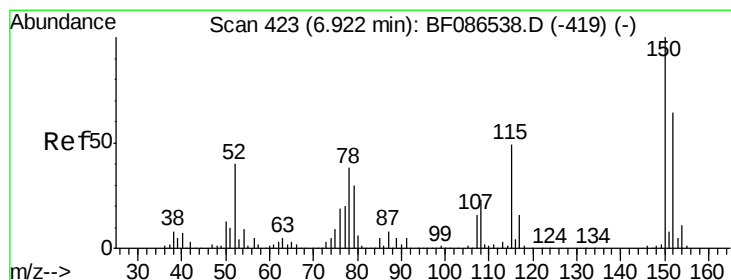
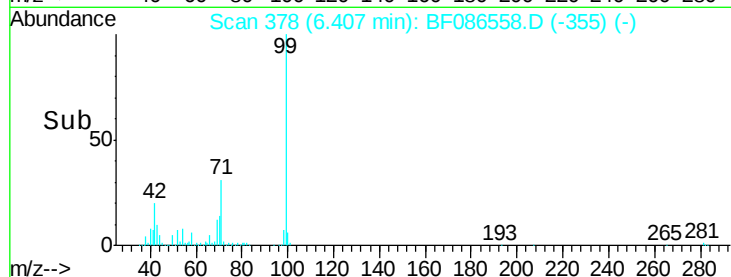
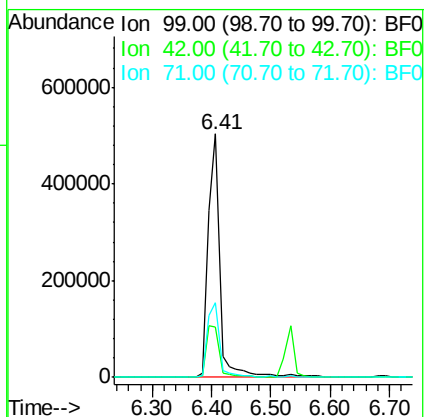
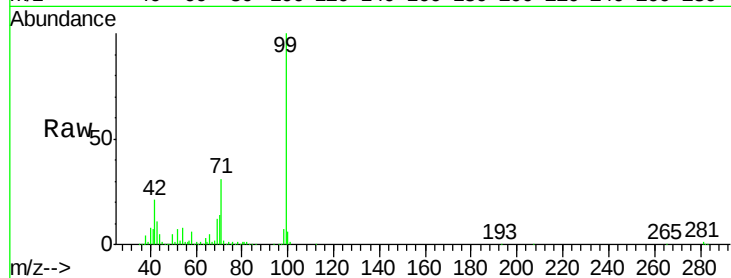
Tgt Ion: 99 Resp: 691882

Ion Ratio Lower Upper

99 100

42 20.5 13.6 20.4#

71 30.8 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.84 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

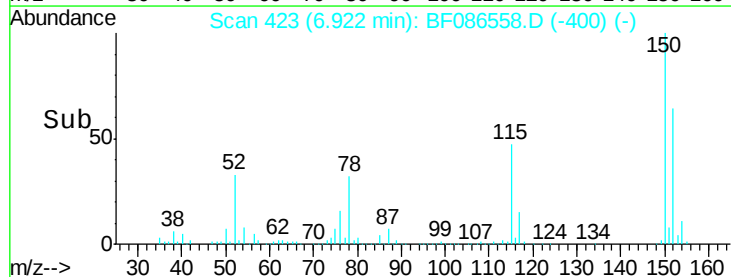
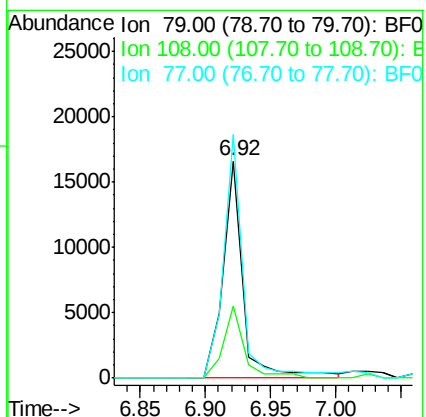
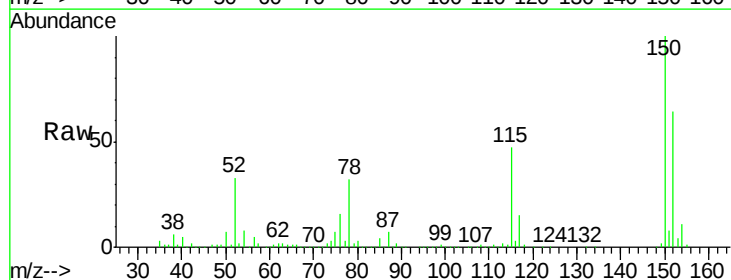
Tgt Ion: 79 Resp: 17996

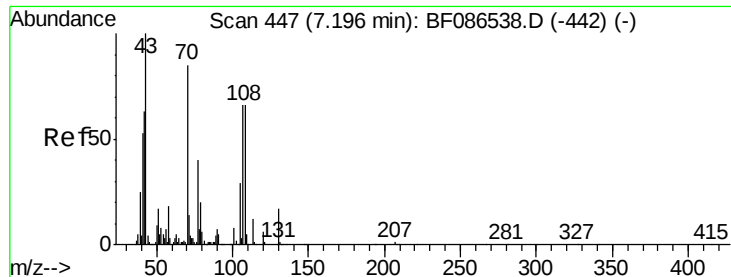
Ion Ratio Lower Upper

79 100

108 33.1 68.4 102.6#

77 112.2 50.6 76.0#

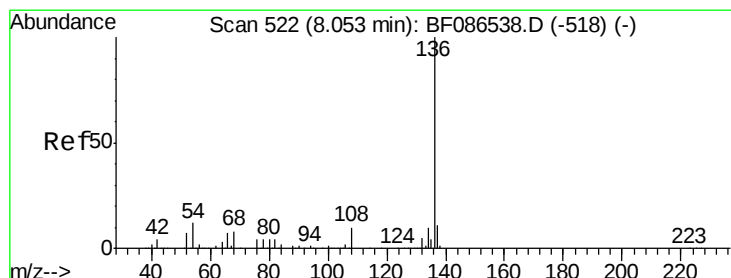
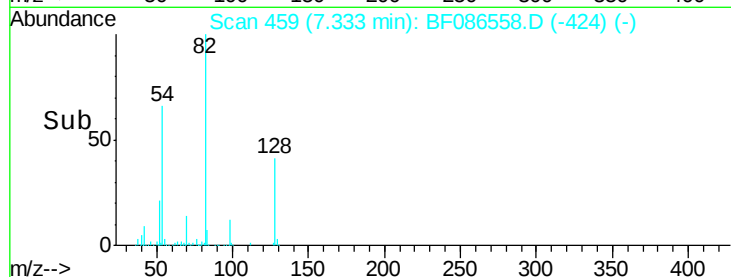
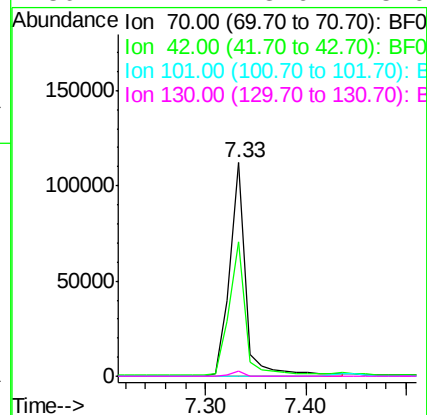
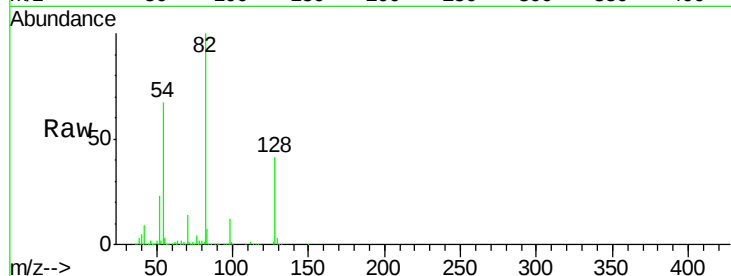




#19
n-Nitroso-di-n-propylamine
Concen: 19.00 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086558.D
Acq: 1 May 2016 8:32

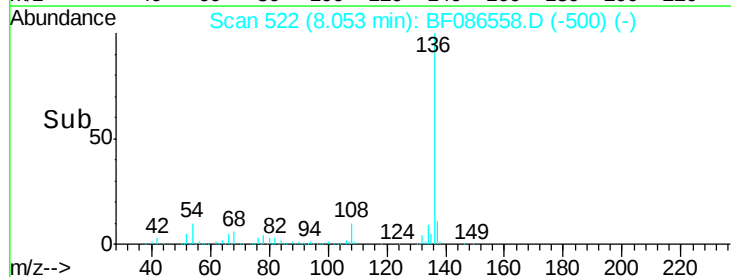
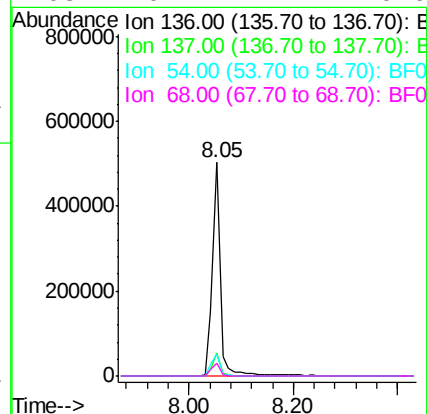
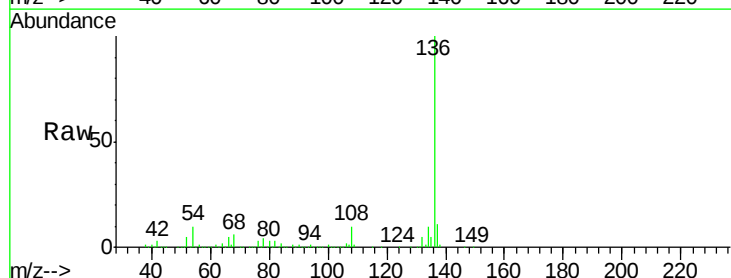
Instrument :
BNA_F
ClientSampleId :
B4GW

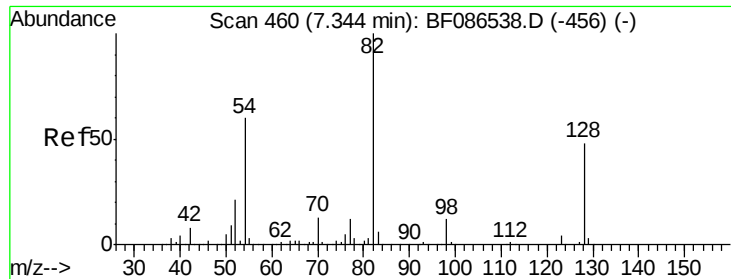
Tgt Ion: 70 Resp: 125882
Ion Ratio Lower Upper
70 100
42 62.6 43.1 64.7
101 0.0 8.1 12.1#
130 2.2 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086558.D
Acq: 1 May 2016 8:32

Tgt Ion: 136 Resp: 534945
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 5.0 7.4#
68 6.2 4.4 6.6

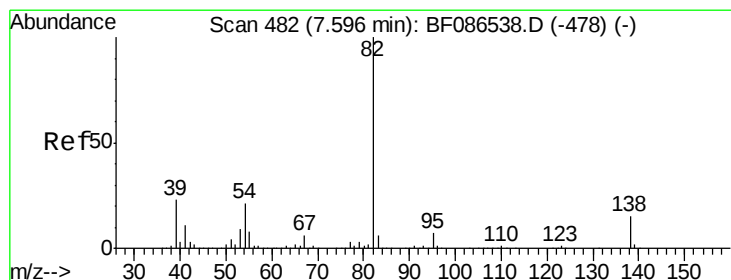
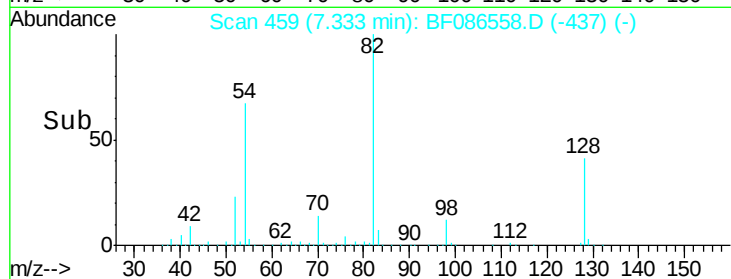
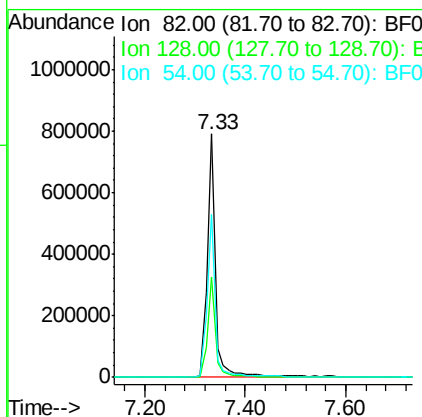
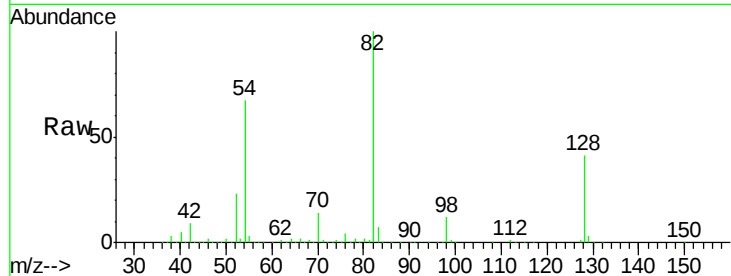




#23
 Nitrobenzene-d5
 Concen: 93.24 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

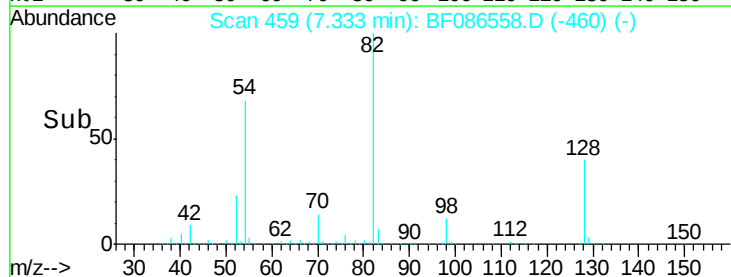
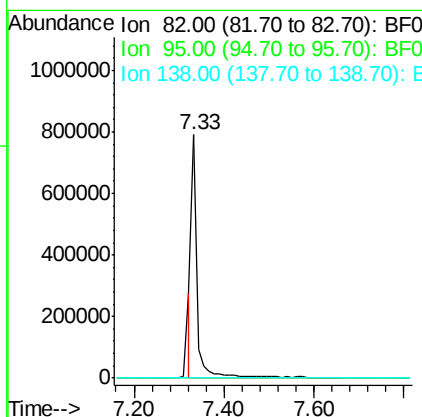
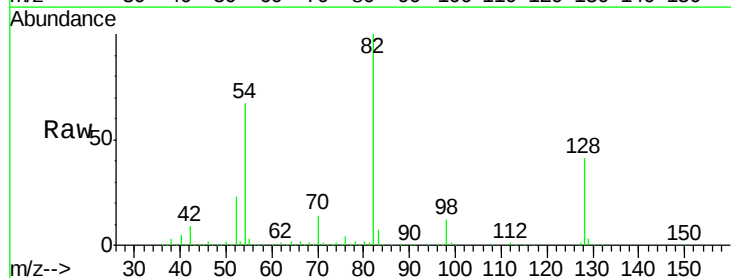
Instrument :
 BNA_F
 ClientSampleId :
 B4GW

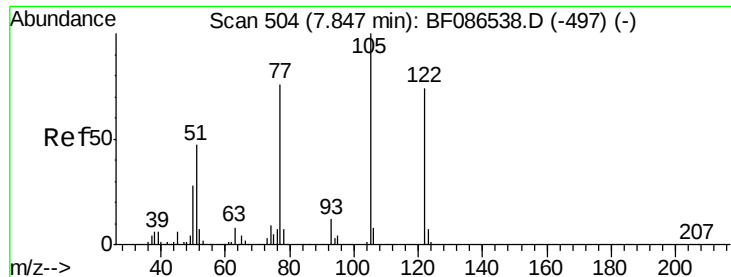
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	40.6	61.0
54	66.9	38.1	57.1#



#25
 Isophorone
 Concen: 36.87 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.31 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#





#32

Benzoic acid

Concen: 9.68 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.11 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

B4GW

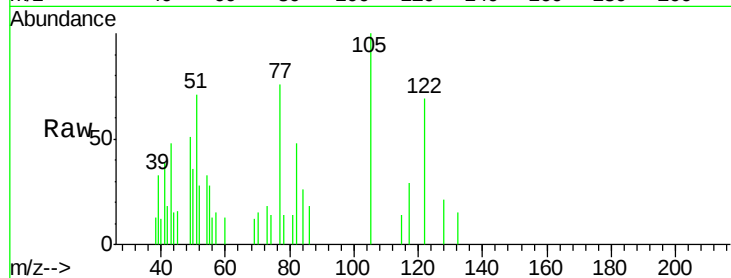
Tgt Ion:122 Resp: 5515

Ion Ratio Lower Upper

122 100

105 145.6 92.6 132.6#

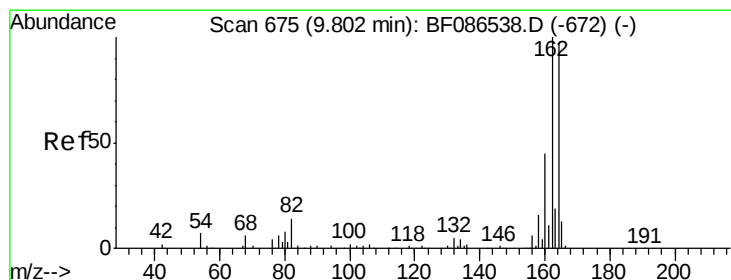
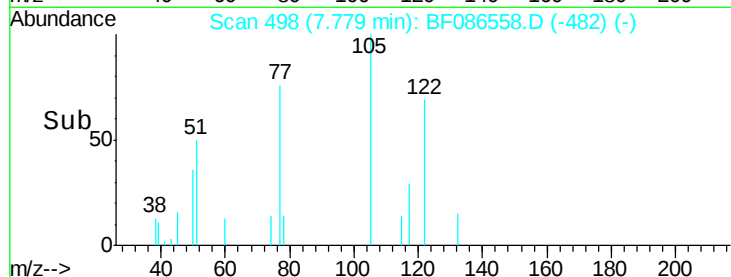
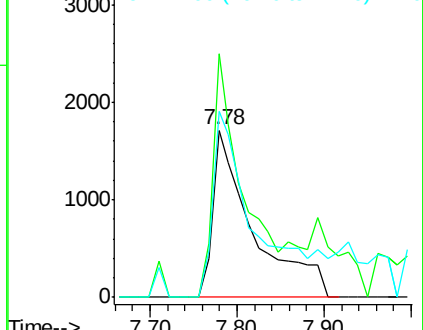
77 111.0 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

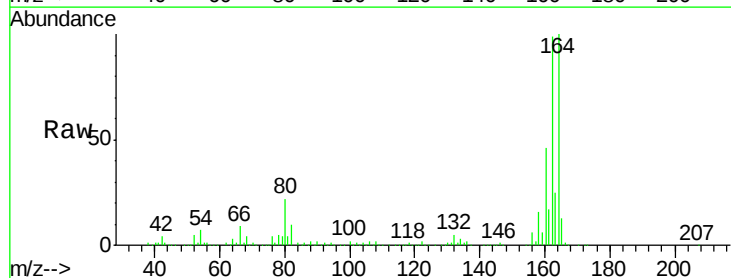
Tgt Ion:164 Resp: 267175

Ion Ratio Lower Upper

164 100

162 99.2 82.8 124.2

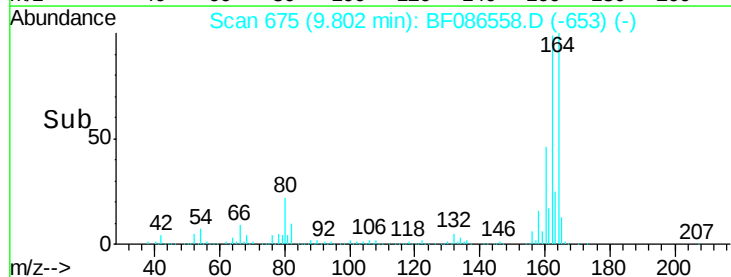
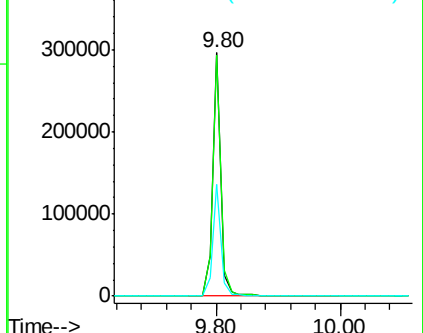
160 45.8 36.9 55.3

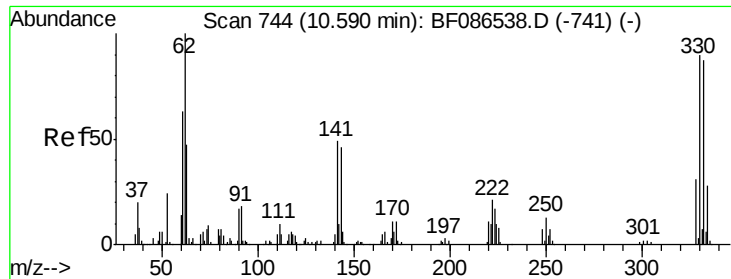


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

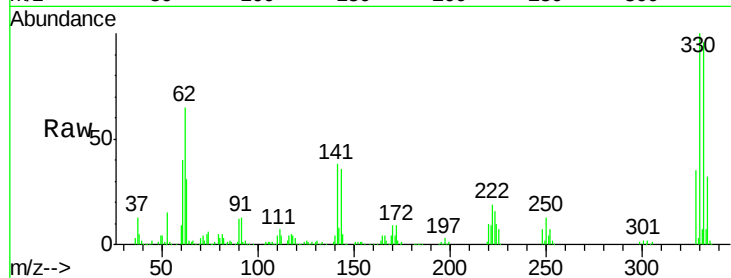




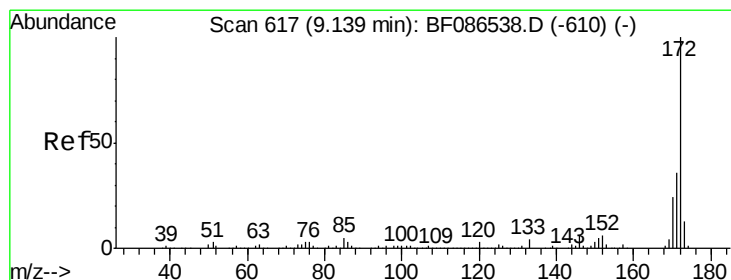
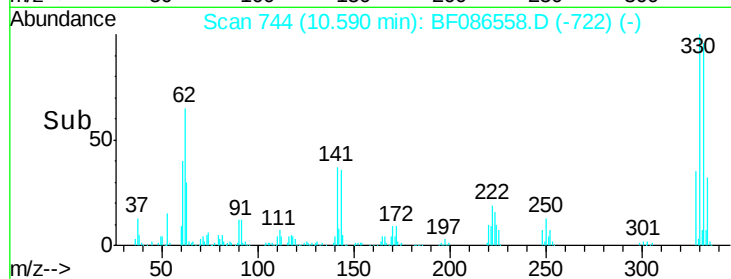
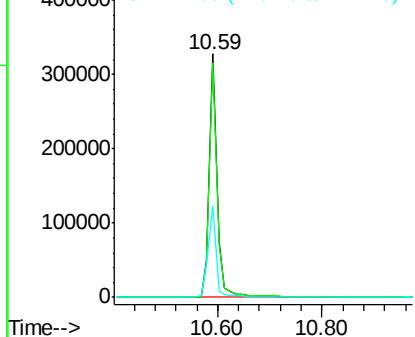
#41
 2,4,6-Tribromophenol
 Concen: 122.19 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 B4GW

Tgt Ion:330 Resp: 344274
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 39.1 31.2 46.8

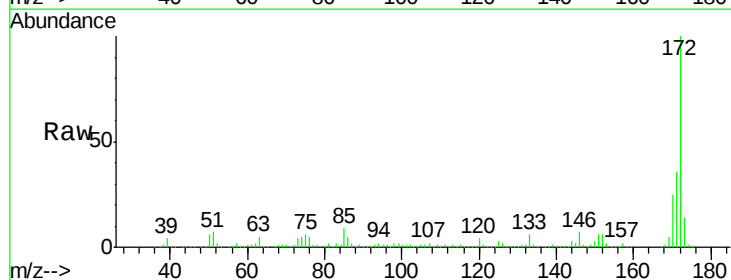


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

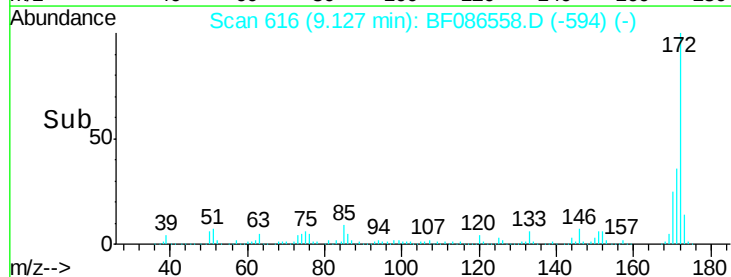
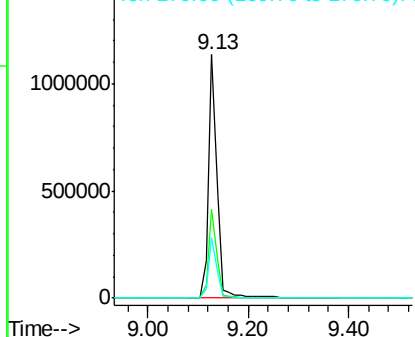


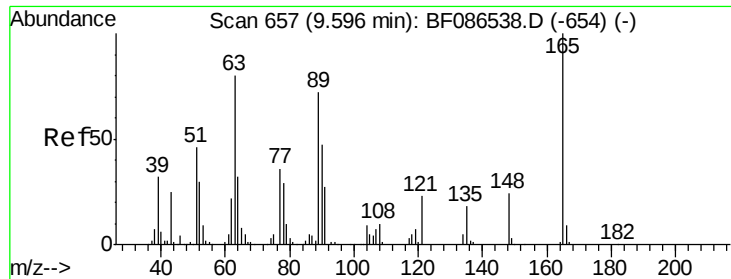
#44
 2-Fluorobiphenyl
 Concen: 89.01 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Tgt Ion:172 Resp: 1345159
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.8 29.8



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

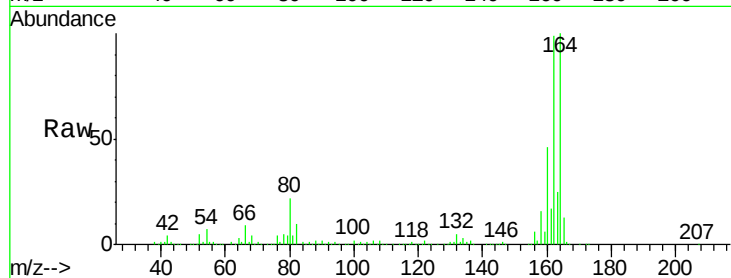




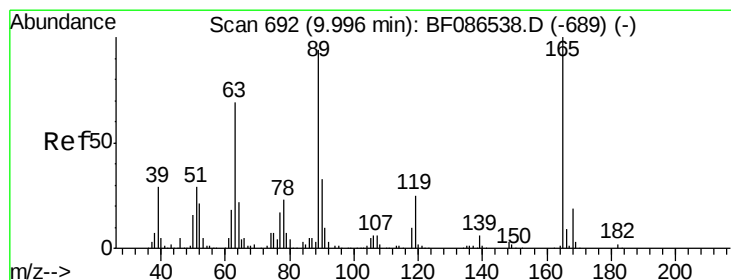
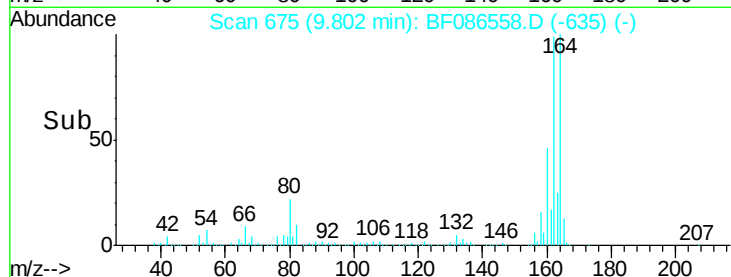
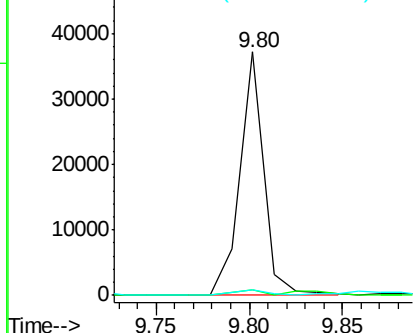
#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.16 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 B4GW

Tgt Ion:165 Resp: 33521
 Ion Ratio Lower Upper
 165 100
 63 2.0 51.8 77.8#
 89 2.3 50.7 76.1#

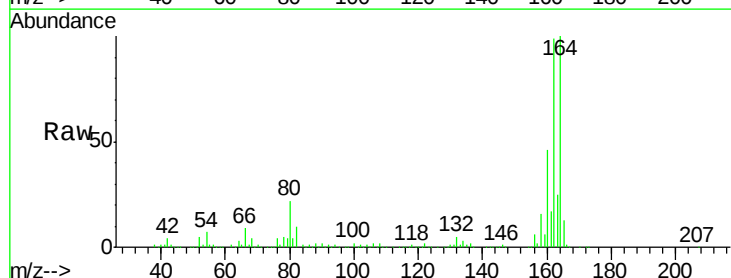


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

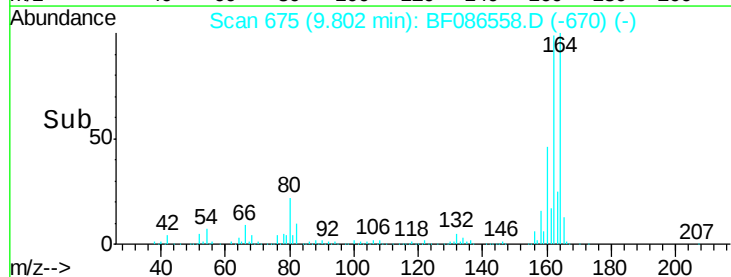
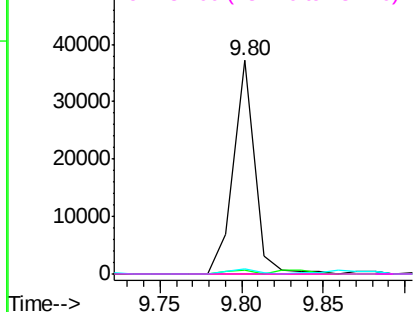


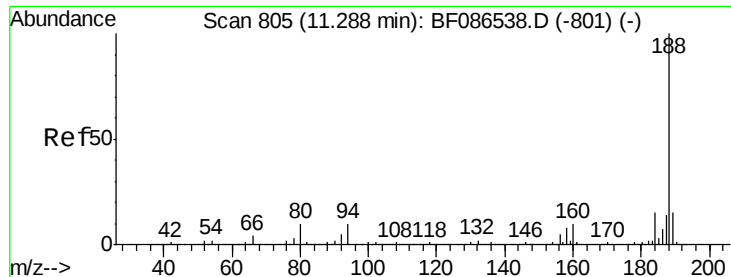
#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.24 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Tgt Ion:165 Resp: 33516
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.3 66.5#
 89 2.3 70.0 105.0#
 182 0.0 1.8 2.6#



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

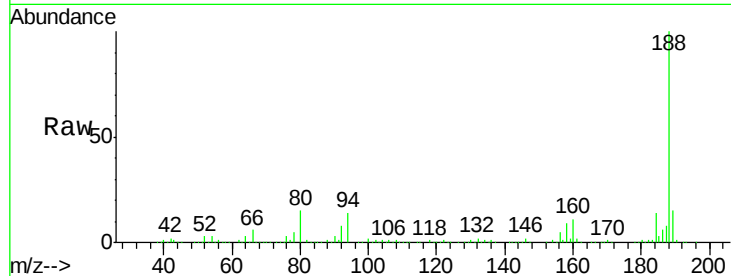




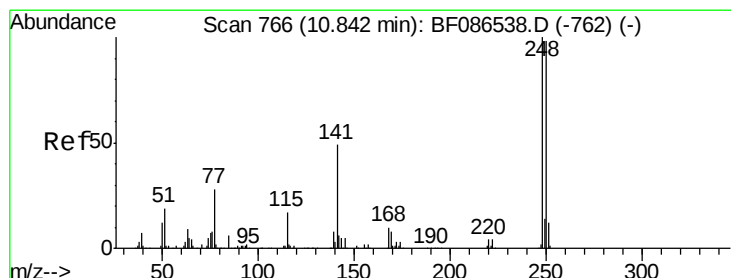
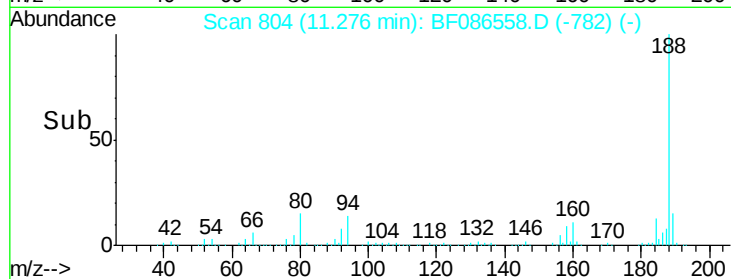
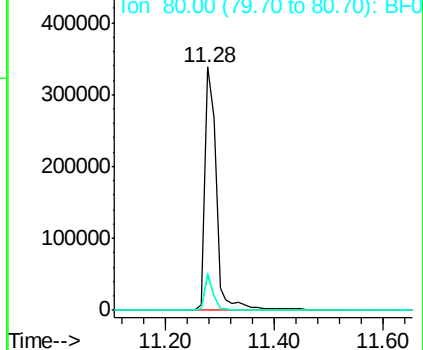
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 B4GW

Tgt Ion:188 Resp: 494461
 Ion Ratio Lower Upper
 188 100
 94 14.3 6.8 10.2#
 80 15.5 7.1 10.7#

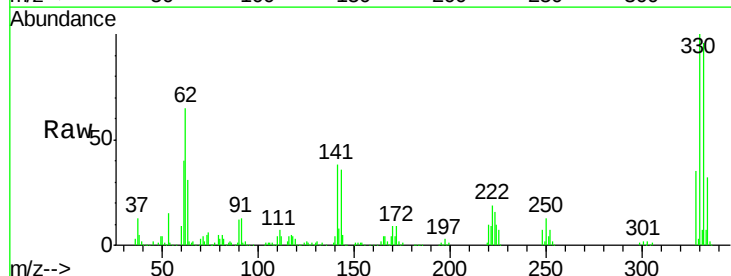


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

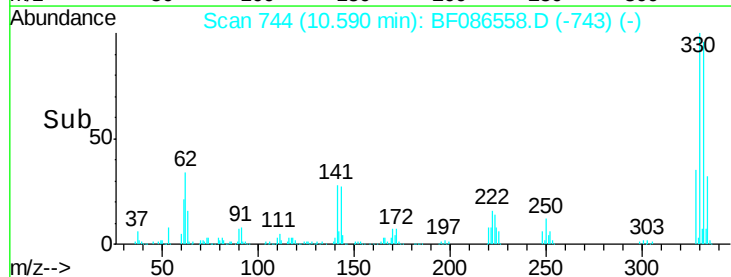
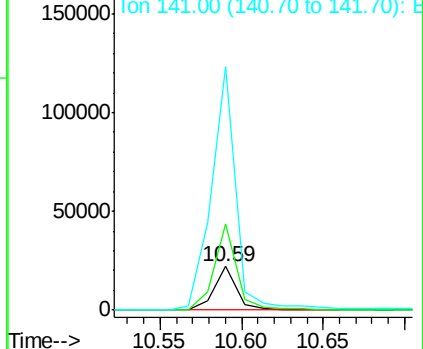


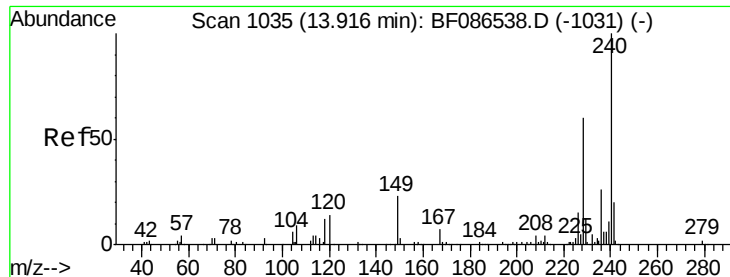
#66
 4-Bromophenyl-phenylether
 Concen: 4.20 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.29 min
 Lab File: BF086558.D
 Acq: 1 May 2016 8:32

Tgt Ion:248 Resp: 21377
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.6 117.8#
 141 558.2 76.0 114.0#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

B4GW

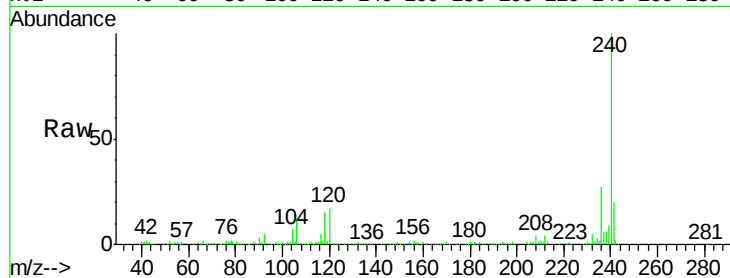
Tgt Ion:240 Resp: 355248

Ion Ratio Lower Upper

240 100

120 16.9 11.2 16.8#

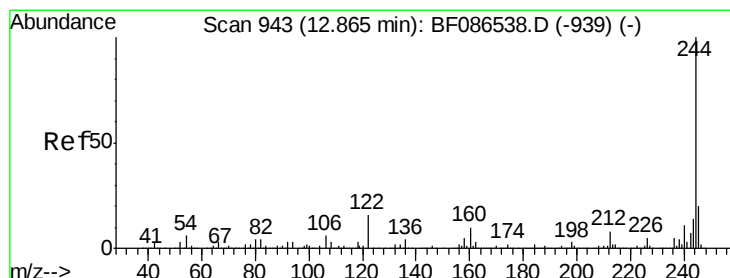
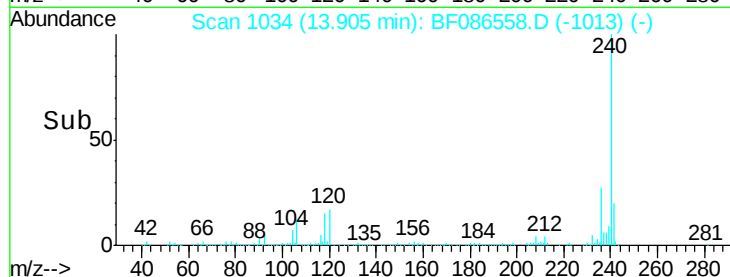
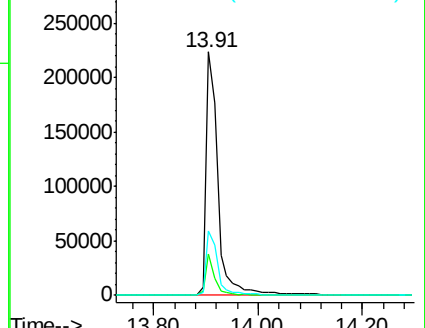
236 26.6 21.2 31.8



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: 82.19 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086558.D

Acq: 1 May 2016 8:32

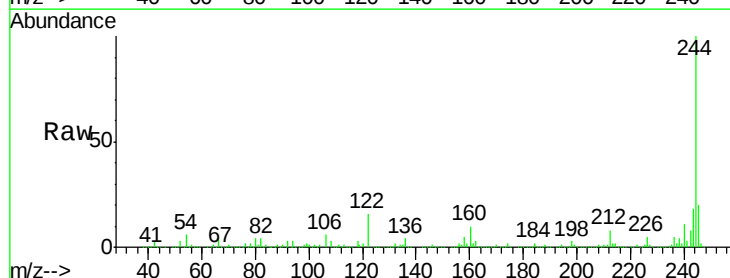
Tgt Ion:244 Resp: 1325347

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

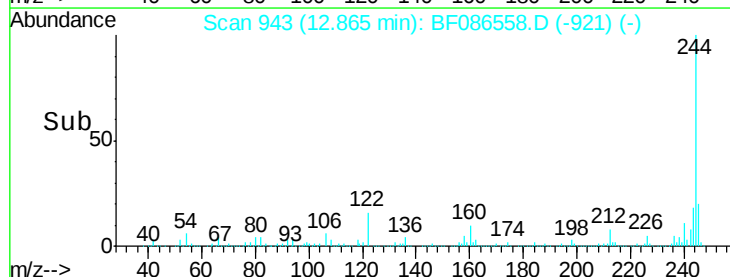
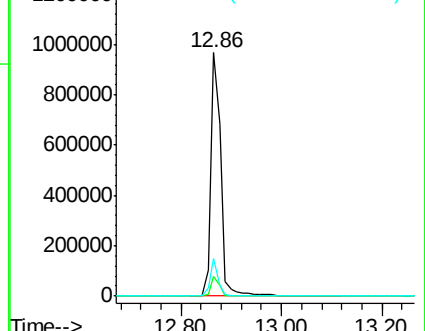
122 15.7 12.0 18.0

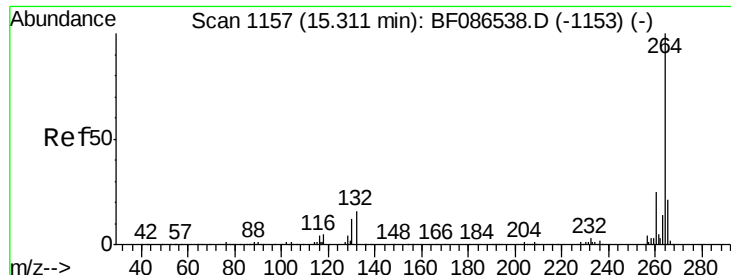


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086558.D
Acq: 1 May 2016 8:32

Instrument :
BNA_F
ClientSampleId :
B4GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	17.3	25.9

