

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089213.D
 Acq On : 23 Jul 2016 1:39
 Operator : UM/SJ
 Sample : H4154-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-2

Quant Time: Jul 25 00:56:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

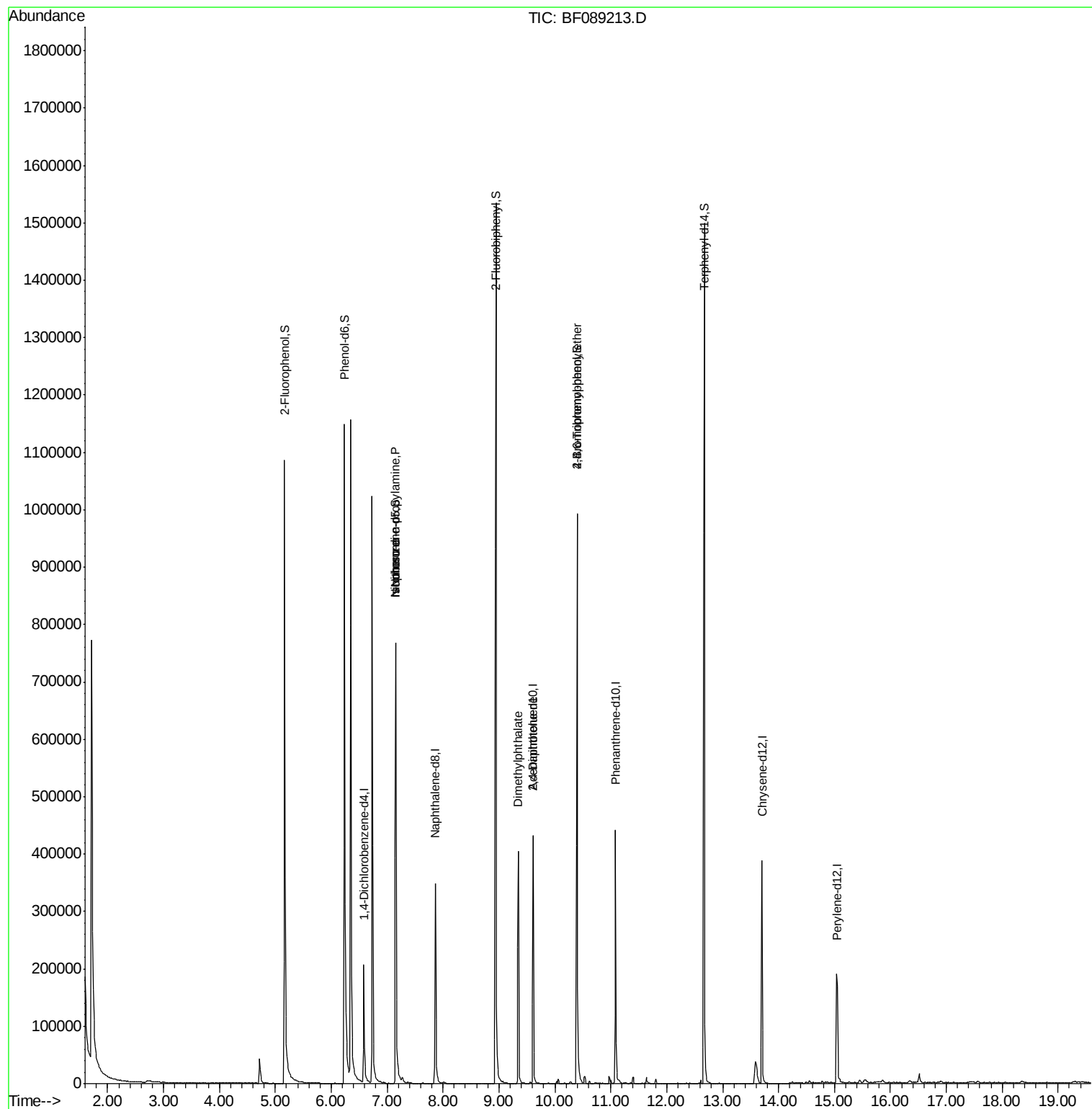
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46283	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	202535	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	98931	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	194856	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	144613	20.00	ng	-0.02
86) Perylene-d12	15.05	264	109400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	413901	136.01	ng	-0.02
7) Phenol-d6	6.24	99	565632	144.13	ng	-0.03
23) Nitrobenzene-d5	7.15	82	376306	98.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	121609	136.53	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	669390	93.23	ng	-0.02
78) Terphenyl-d14	12.67	244	599321	89.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	440	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	49983	19.47	ng	# 79
25) Isophorone	7.15	82	272707	38.82	ng	# 66
49) Dimethylphthalate	9.35	163	231477	30.49	ng	# 99
56) 2,4-Dinitrotoluene	9.61	165	11864	5.37	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9565	4.96	ng	# 1

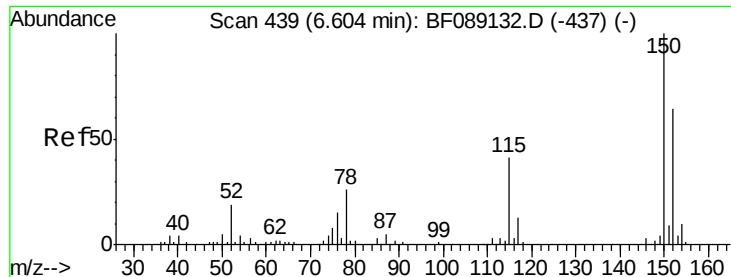
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089213.D
Acq On : 23 Jul 2016 1:39
Operator : UM/SJ
Sample : H4154-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GCF-NW-2

Quant Time: Jul 25 00:56:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration



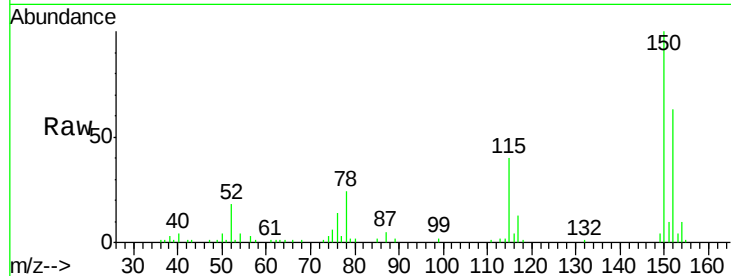


#1

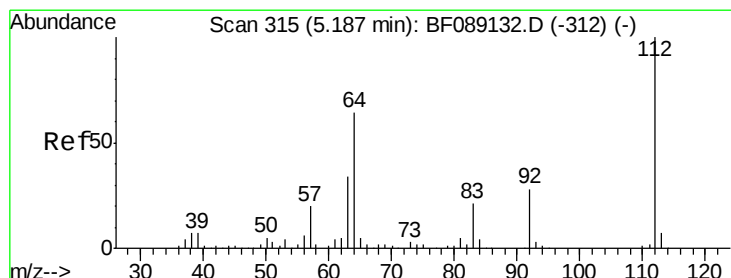
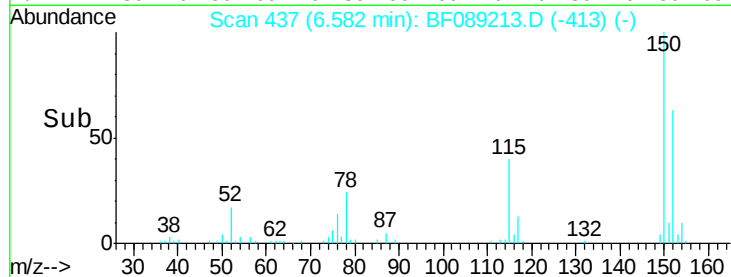
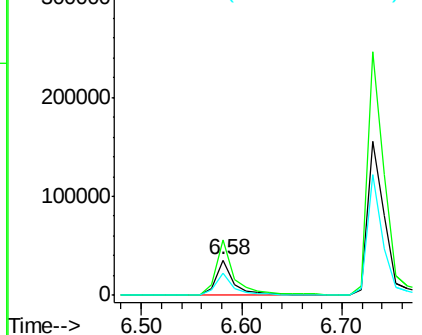
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089213.D
Acq: 23 Jul 2016 1:39

Instrument :
BNA_F
ClientSampleId :
GCF-NW-2

Tgt Ion:152 Resp: 46283
Ion Ratio Lower Upper
152 100
150 157.6 125.1 187.7
115 62.8 51.1 76.7



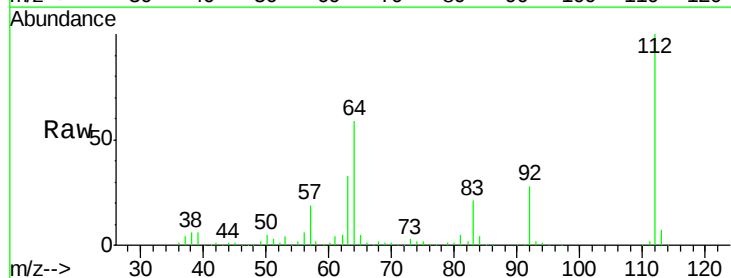
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



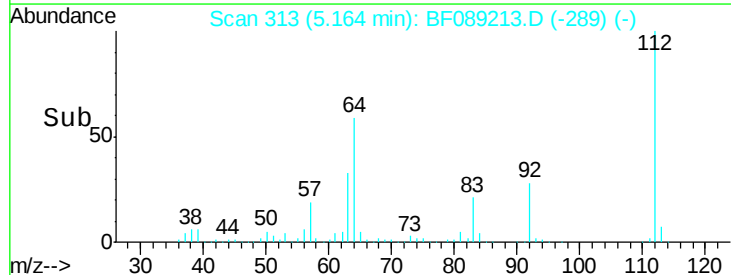
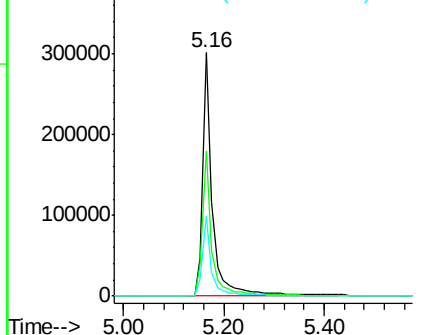
#5

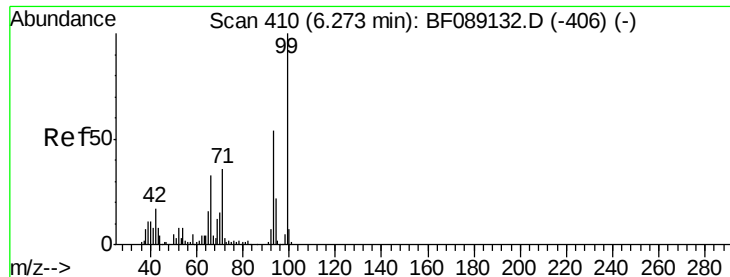
2-Fluorophenol
Concen: 136.01 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089213.D
Acq: 23 Jul 2016 1:39

Tgt Ion:112 Resp: 413901
Ion Ratio Lower Upper
112 100
64 59.5 51.0 76.4
63 32.6 27.3 40.9



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: 144.13 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

Instrument :

BNA_F

ClientSampleId :

GCF-NW-2

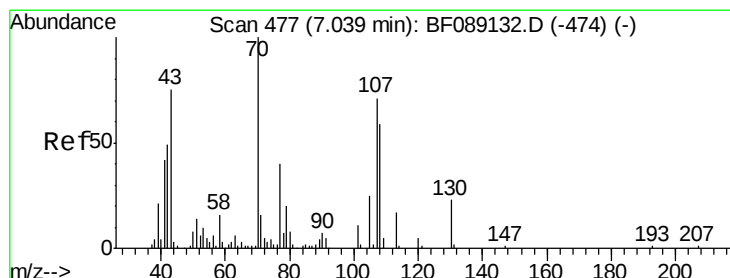
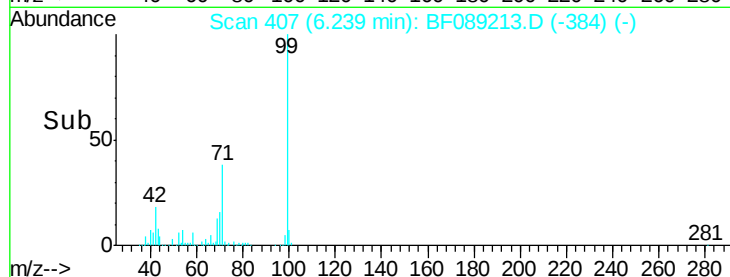
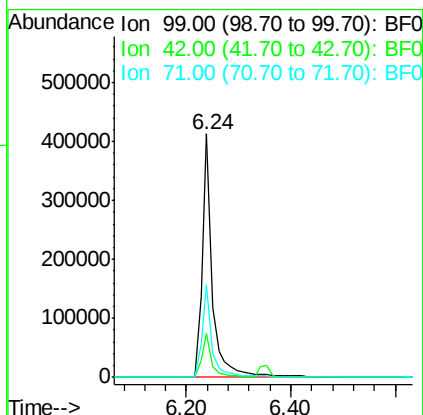
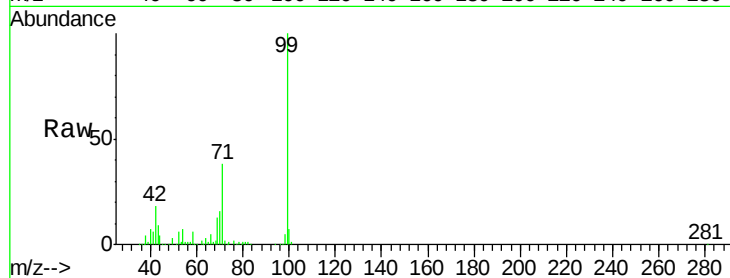
Tgt Ion: 99 Resp: 565632

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 37.9 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.47 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

Tgt Ion: 70 Resp: 49983

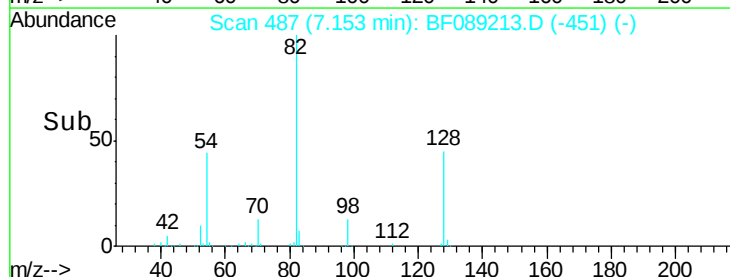
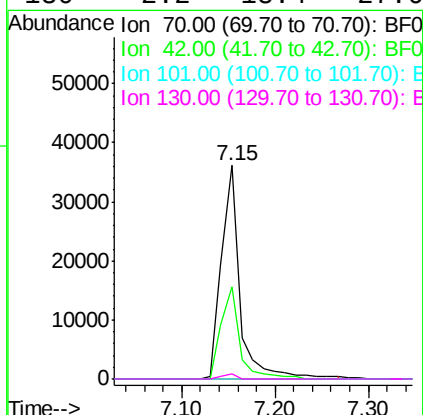
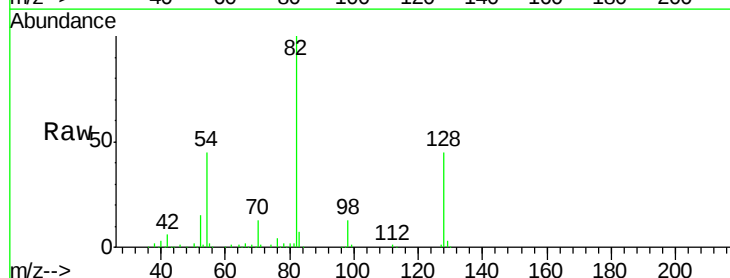
Ion Ratio Lower Upper

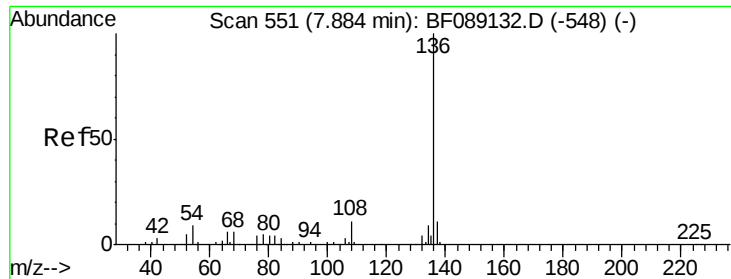
70 100

42 43.1 39.2 58.8

101 0.0 8.5 12.7#

130 2.2 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

Instrument :

BNA_F

ClientSampleId :

GCF-NW-2

Tgt Ion: 136 Resp: 202535

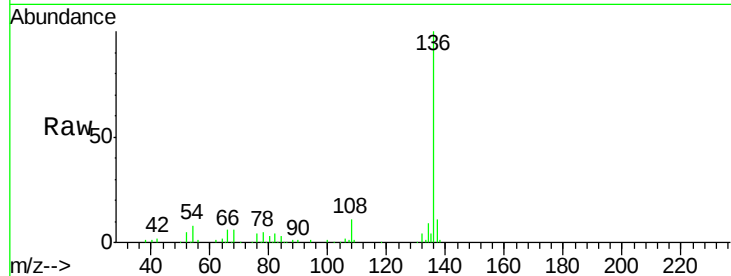
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.7 7.0 10.4

68 6.0 5.0 7.6

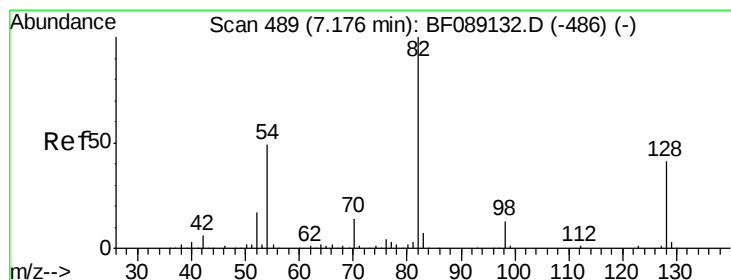
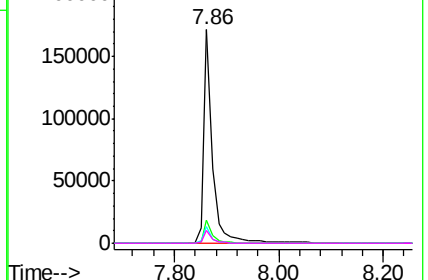
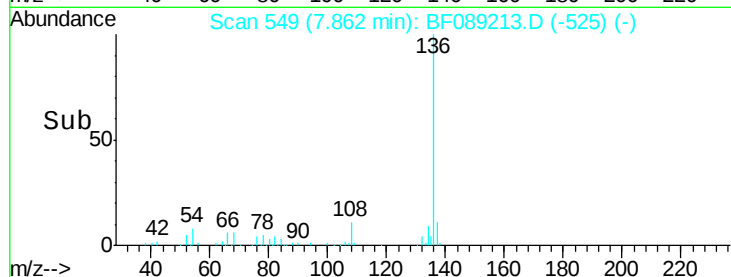


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.72 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

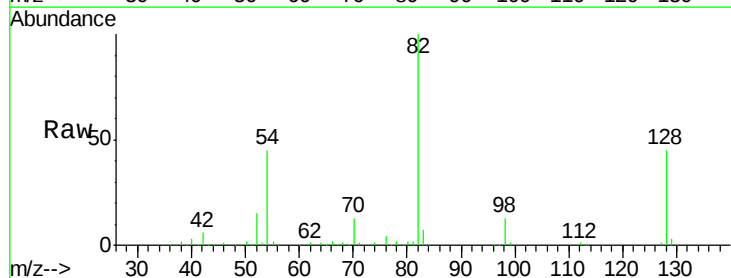
Tgt Ion: 82 Resp: 376306

Ion Ratio Lower Upper

82 100

128 44.7 33.0 49.6

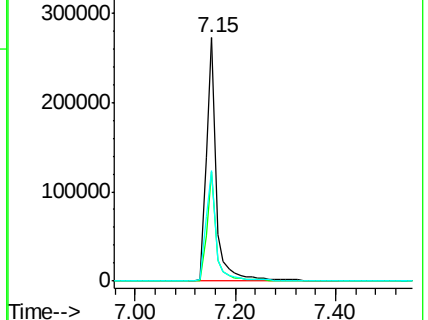
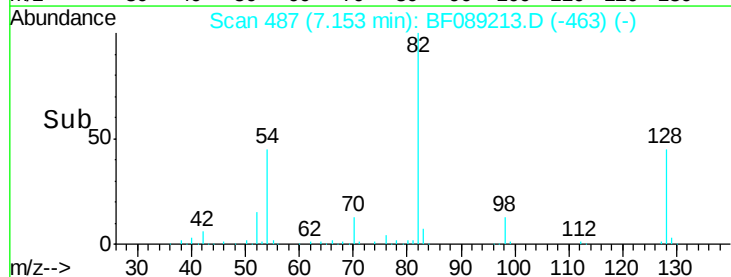
54 45.2 39.0 58.4

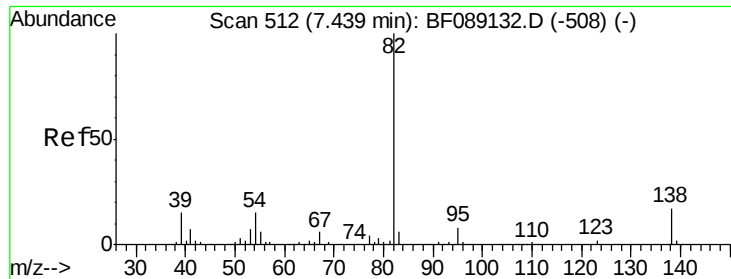


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.82 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

Instrument :

BNA_F

ClientSampleId :

GCF-NW-2

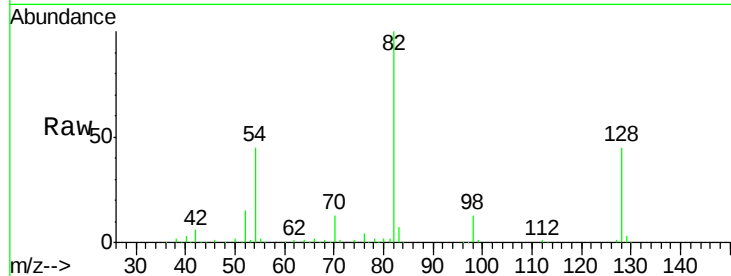
Tgt Ion: 82 Resp: 272707

Ion Ratio Lower Upper

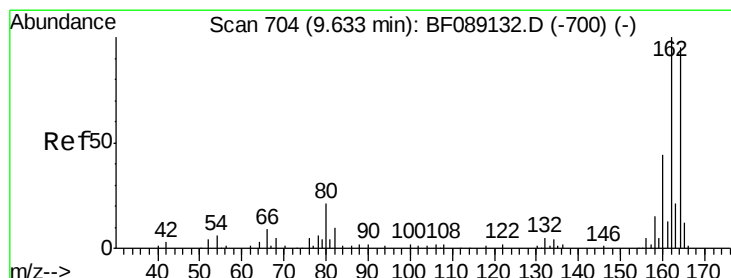
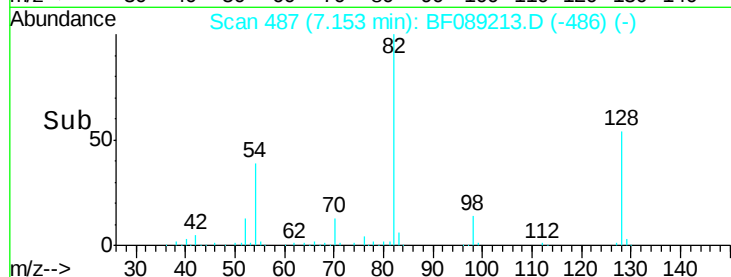
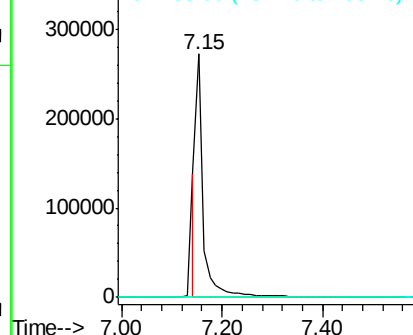
82 100

95 0.0 6.1 9.1#

138 0.0 13.6 20.4#



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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

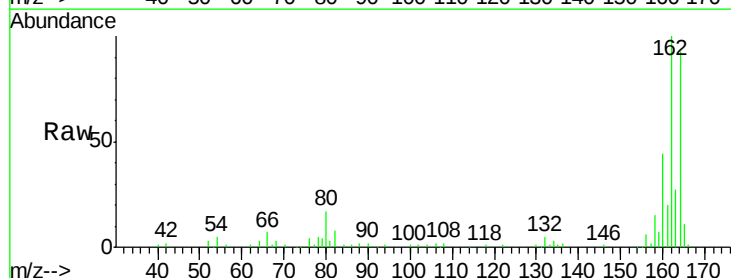
Tgt Ion: 164 Resp: 98931

Ion Ratio Lower Upper

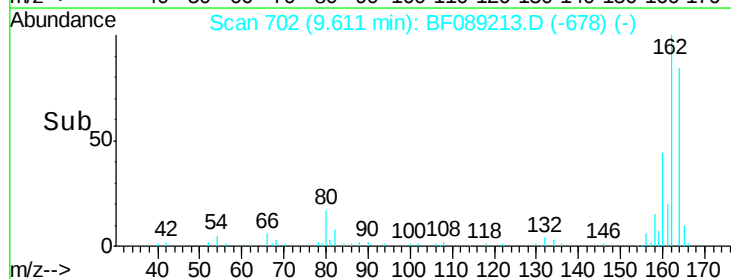
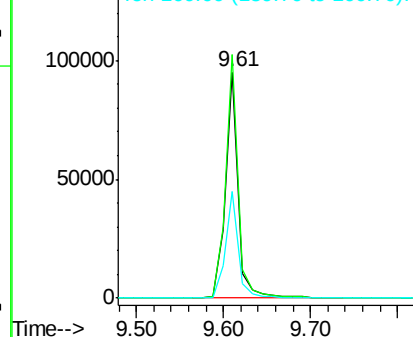
164 100

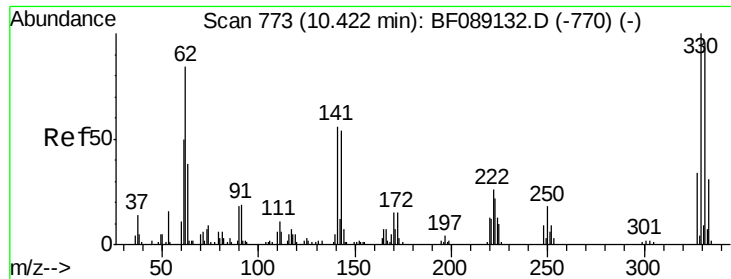
162 107.6 84.1 126.1

160 47.2 37.1 55.7



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

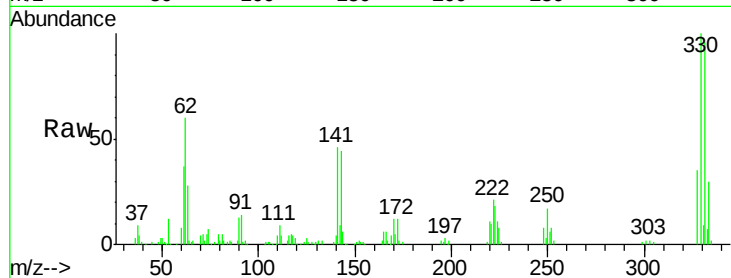




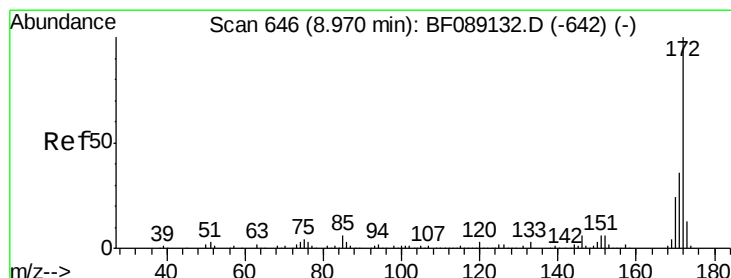
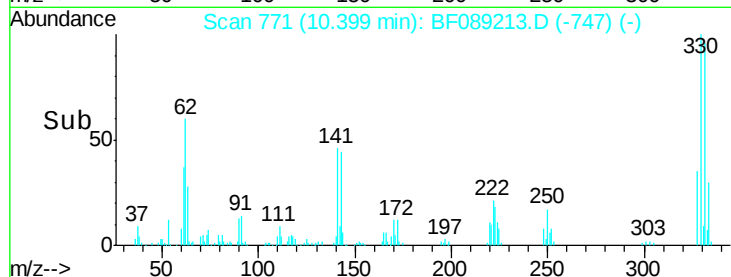
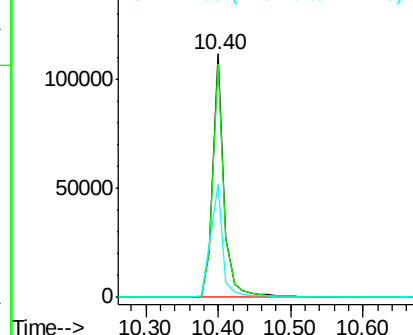
#41
 2,4,6-Tribromophenol
 Concen: 136.53 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089213.D
 Acq: 23 Jul 2016 1:39

Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-2

Tgt Ion:330 Resp: 121609
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 50.6 42.2 63.2

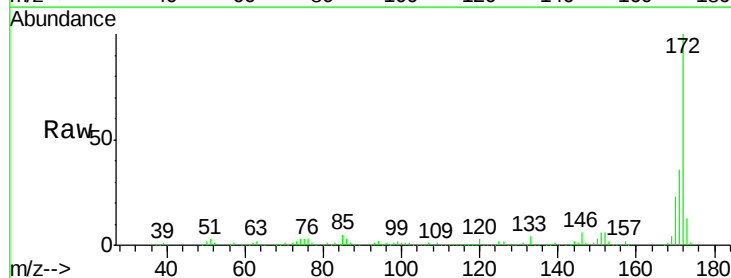


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

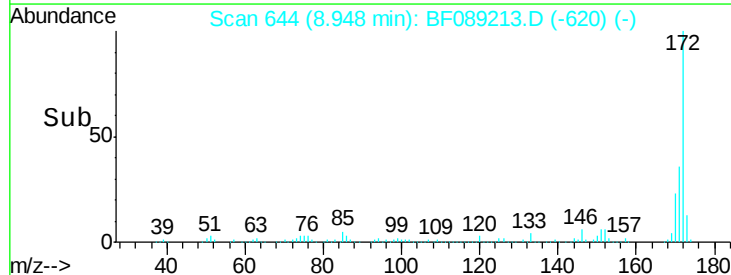
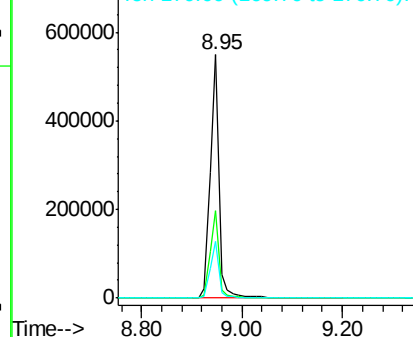


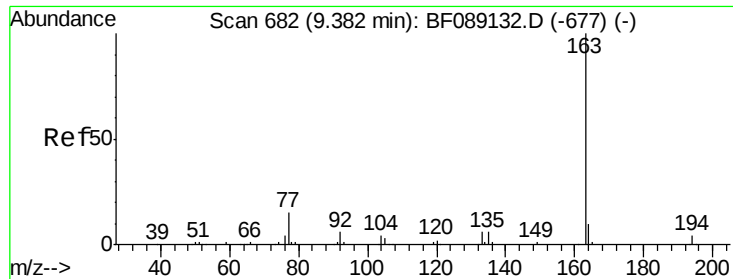
#44
 2-Fluorobiphenyl
 Concen: 93.23 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089213.D
 Acq: 23 Jul 2016 1:39

Tgt Ion:172 Resp: 669390
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.4 19.1 28.7



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

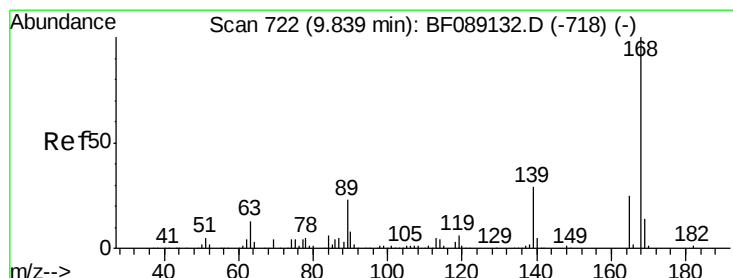
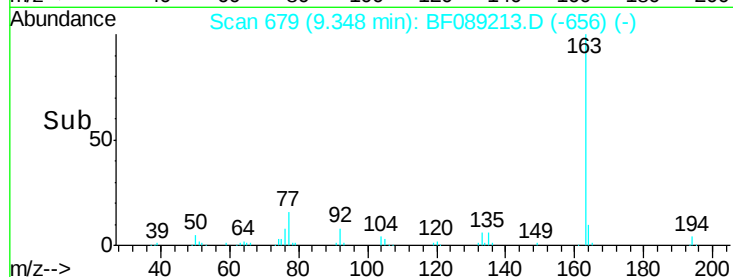
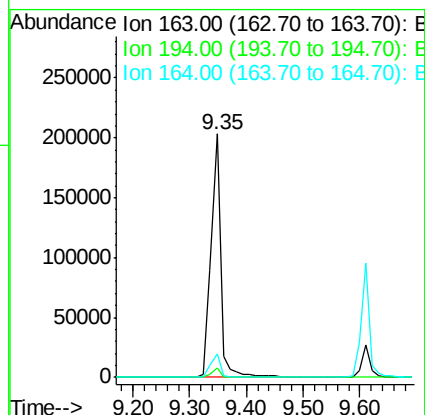
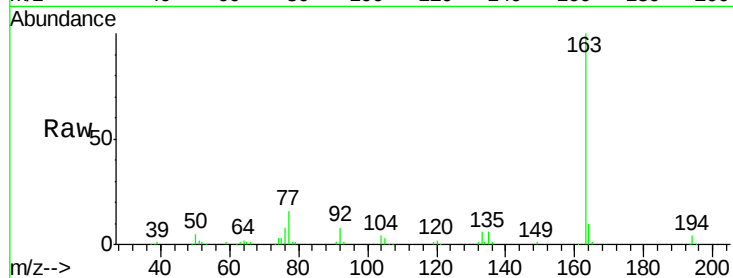




#49
Dimethylphthalate
Concen: 30.49 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089213.D
Acq: 23 Jul 2016 1:39

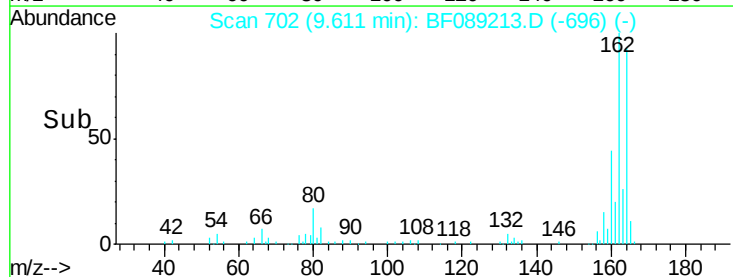
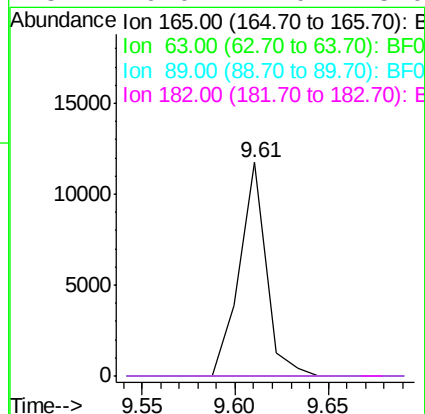
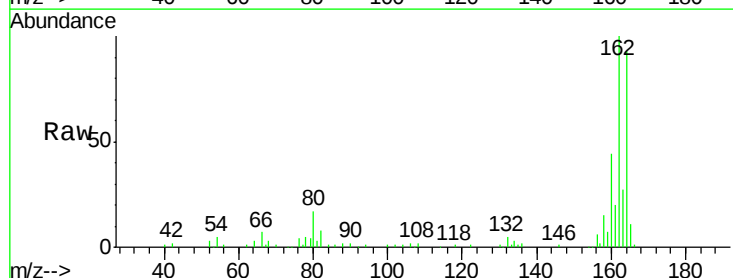
Instrument :
BNA_F
ClientSampleId :
GCF-NW-2

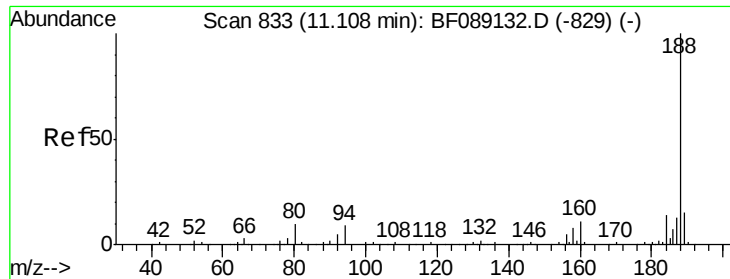
Tgt Ion:163 Resp: 231477
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.8 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089213.D
Acq: 23 Jul 2016 1:39

Tgt Ion:165 Resp: 11864
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#

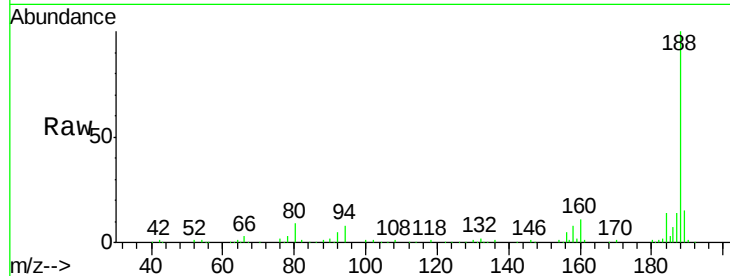




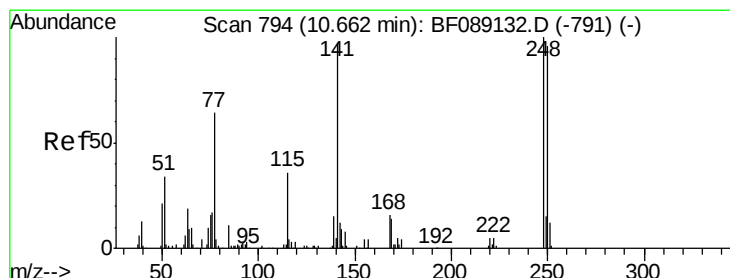
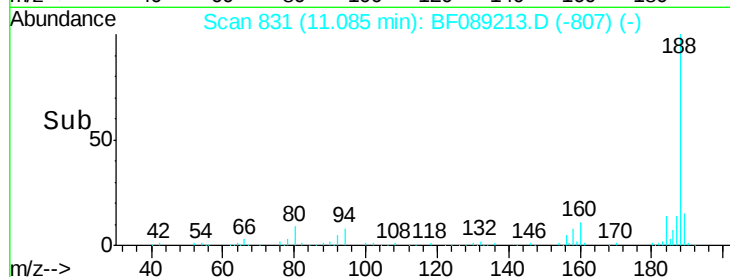
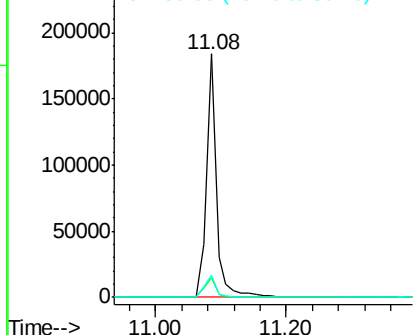
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089213.D
 Acq: 23 Jul 2016 1:39

Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-2

Tgt Ion:188 Resp: 194856
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.0 10.4
 80 8.9 7.7 11.5

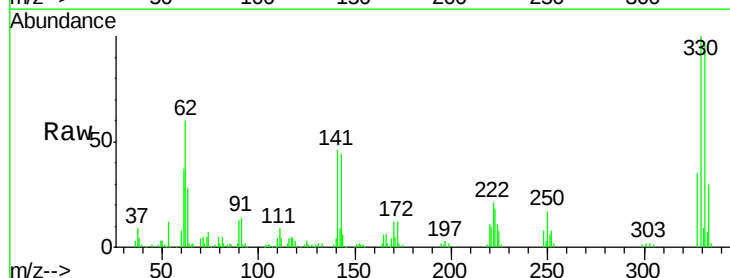


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

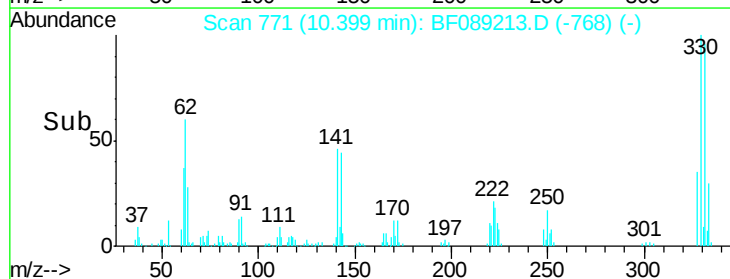
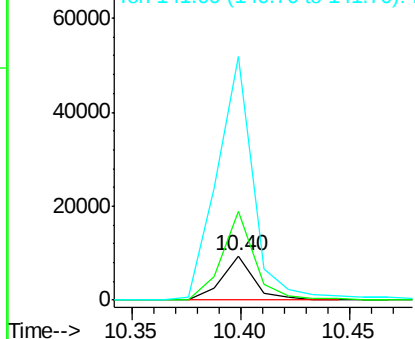


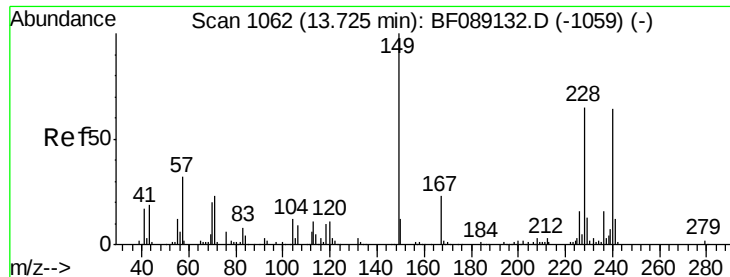
#66
 4-Bromophenyl-phenylether
 Concen: 4.96 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089213.D
 Acq: 23 Jul 2016 1:39

Tgt Ion:248 Resp: 9565
 Ion Ratio Lower Upper
 248 100
 250 200.4 76.9 115.3#
 141 553.3 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

Instrument :

BNA_F

ClientSampleId :

GCF-NW-2

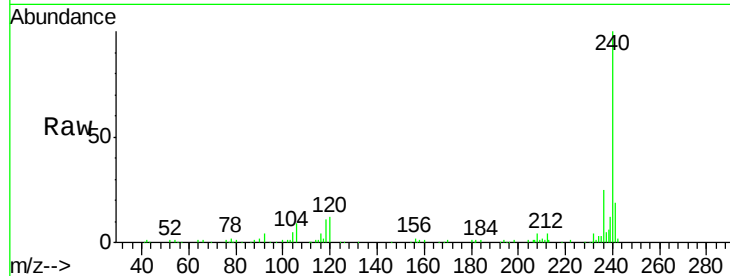
Tgt Ion:240 Resp: 144613

Ion Ratio Lower Upper

240 100

120 12.0 13.6 20.4#

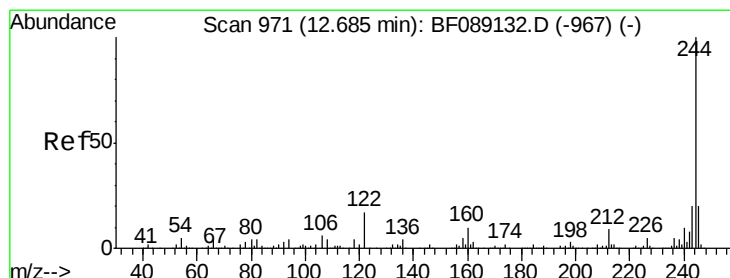
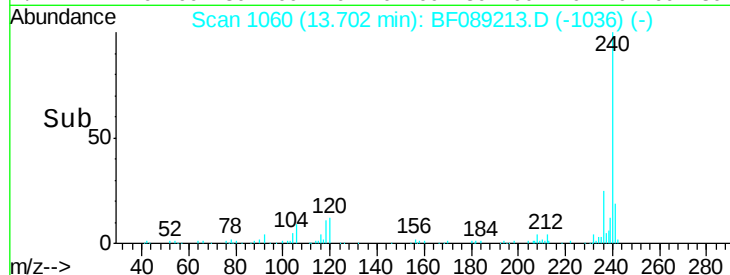
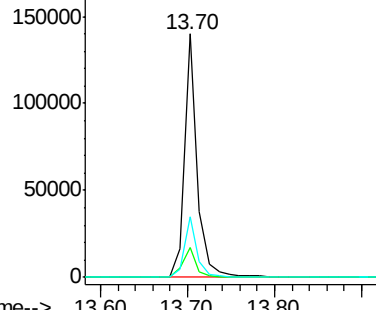
236 24.8 20.5 30.7



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: 89.89 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089213.D

Acq: 23 Jul 2016 1:39

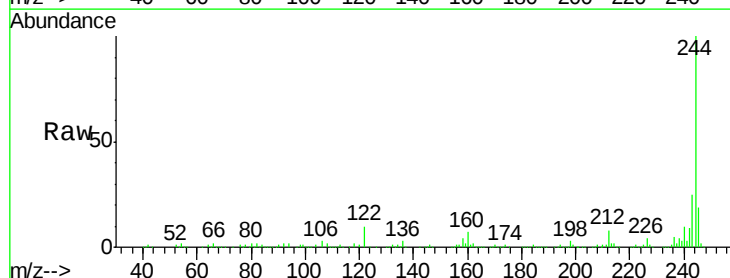
Tgt Ion:244 Resp: 599321

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

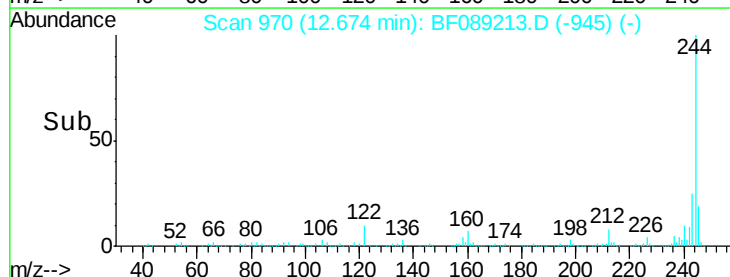
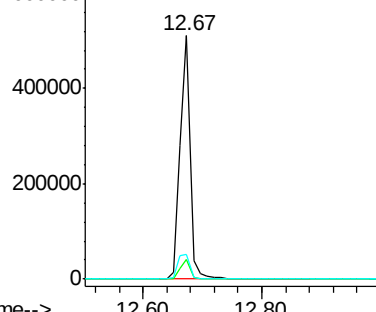
122 10.3 13.8 20.8#

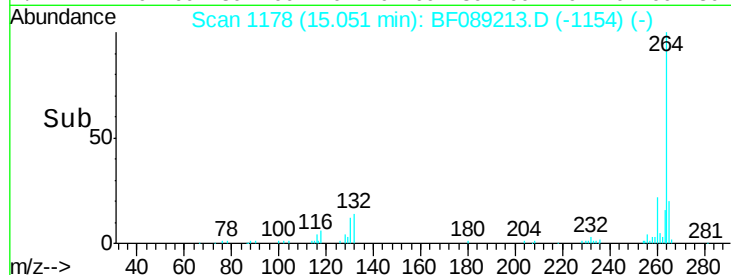
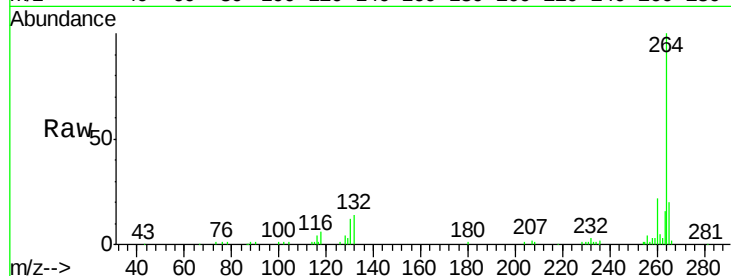
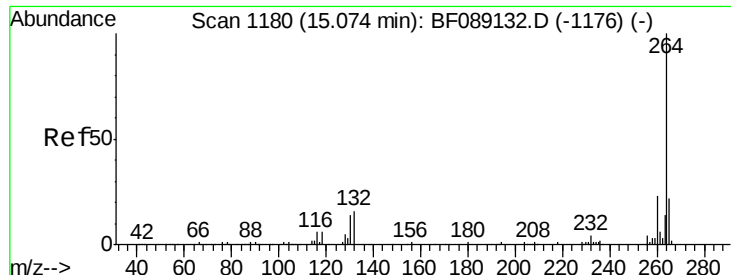


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089213.D
Acq: 23 Jul 2016 1:39

Instrument :
BNA_F
ClientSampleId :
GCF-NW-2

Tgt Ion:	264	Resp:	109400
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.5	27.7
265	20.5	17.3	25.9

