

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089212.D
 Acq On : 23 Jul 2016 1:07
 Operator : UM/SJ
 Sample : H4154-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-1

Quant Time: Jul 25 00:56:01 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

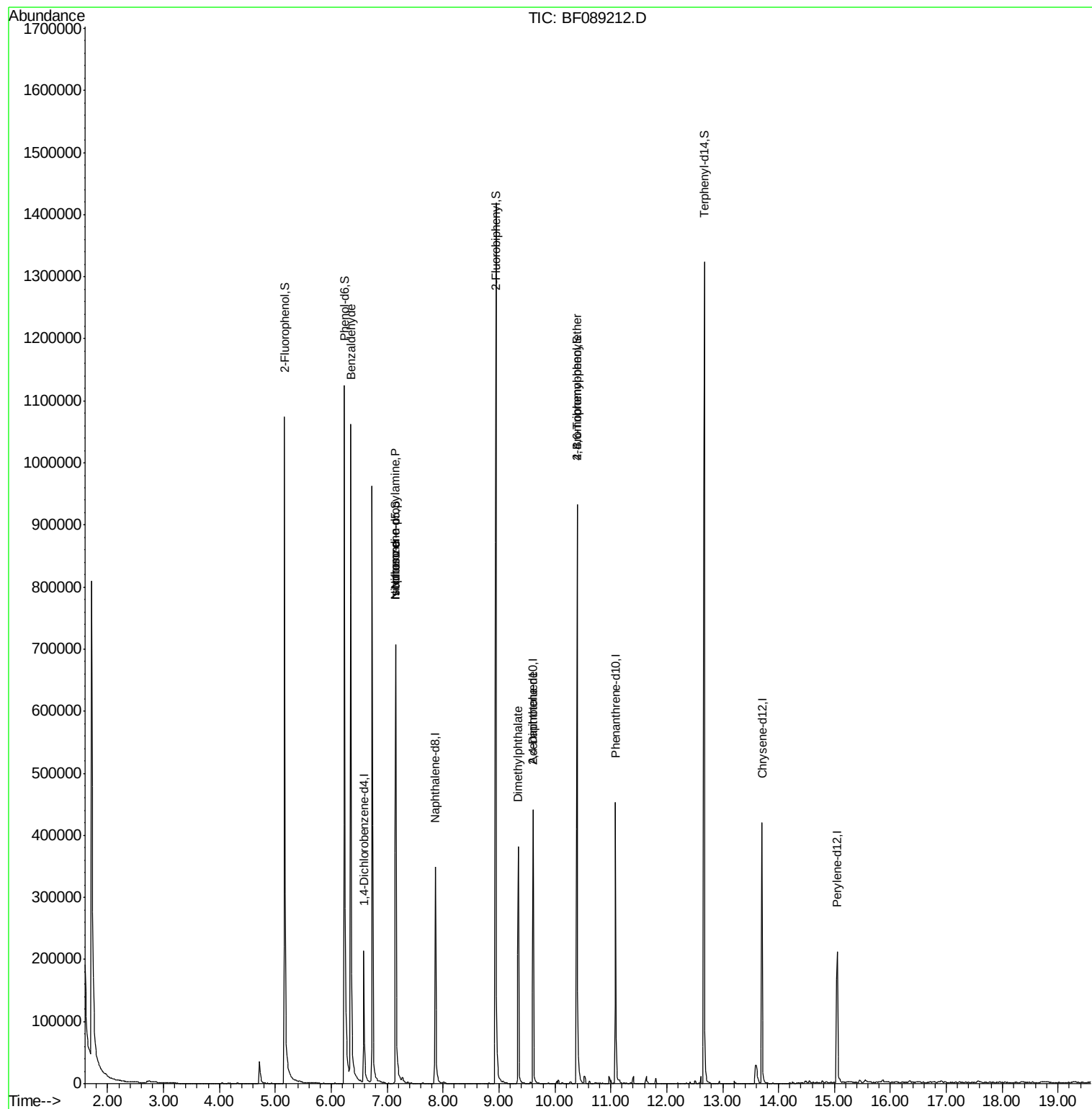
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48304	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	206676	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	100774	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	199240	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	152288	20.00	ng	-0.02
86) Perylene-d12	15.05	264	114322	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	398063	125.33	ng	-0.02
7) Phenol-d6	6.24	99	547388	133.65	ng	-0.03
23) Nitrobenzene-d5	7.15	82	349714	89.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	118185	130.26	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	628839	85.98	ng	-0.02
78) Terphenyl-d14	12.67	244	555259	79.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	9986	3.47	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.15	70	45905	17.14	ng	# 79
25) Isophorone	7.15	82	250229	34.90	ng	# 66
49) Dimethylphthalate	9.35	163	215396	27.85	ng	99
56) 2,4-Dinitrotoluene	9.61	165	12352	5.49	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9168	4.65	ng	# 1

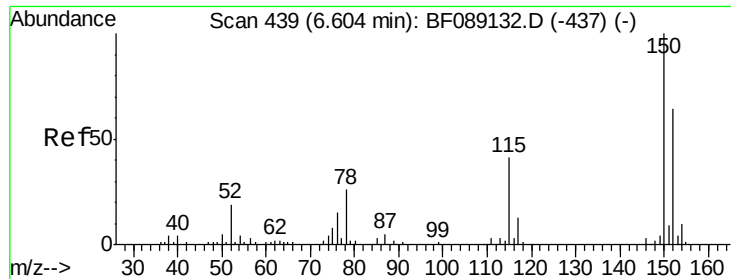
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089212.D
Acq On : 23 Jul 2016 1:07
Operator : UM/SJ
Sample : H4154-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GCF-NW-1

Quant Time: Jul 25 00:56:01 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: BF089212.D

Acq: 23 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

GCF-NW-1

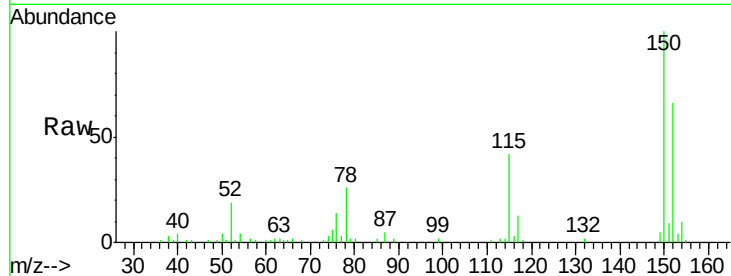
Tgt Ion:152 Resp: 48304

Ion Ratio Lower Upper

152 100

150 151.9 125.1 187.7

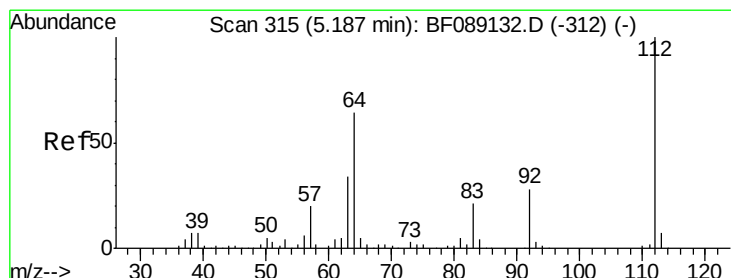
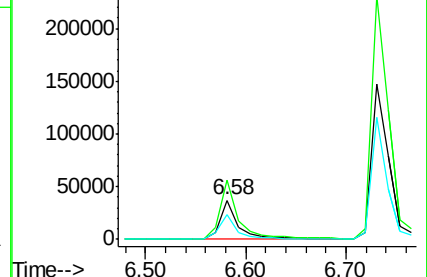
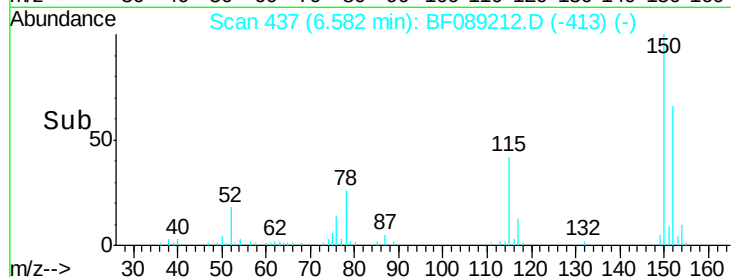
115 63.6 51.1 76.7



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: 125.33 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

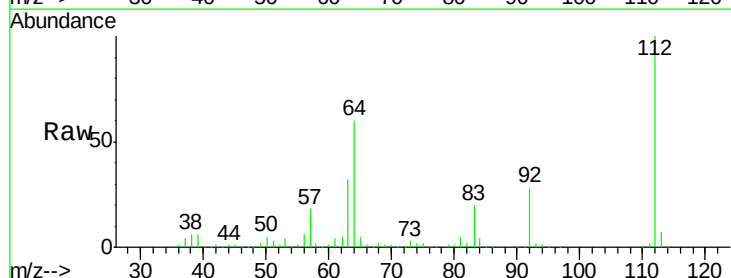
Tgt Ion:112 Resp: 398063

Ion Ratio Lower Upper

112 100

64 59.7 51.0 76.4

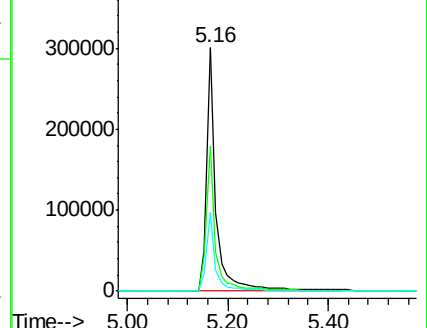
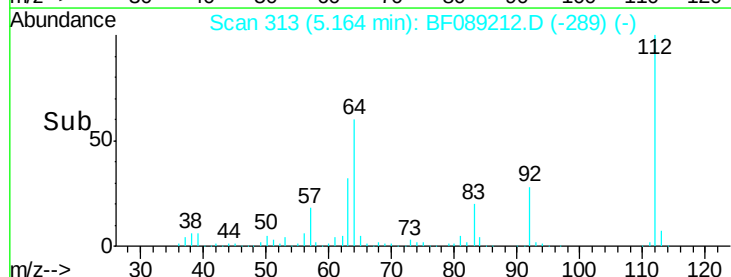
63 32.1 27.3 40.9

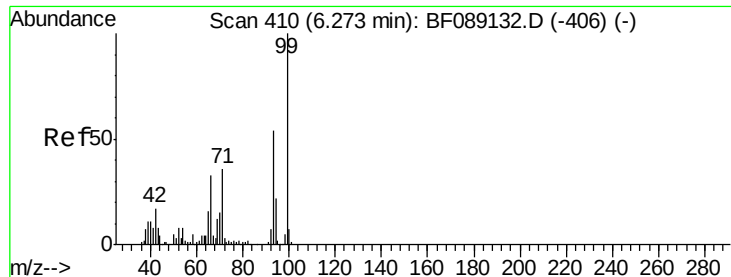


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.65 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

GCF-NW-1

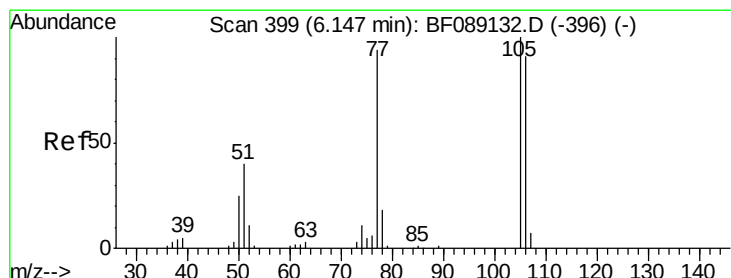
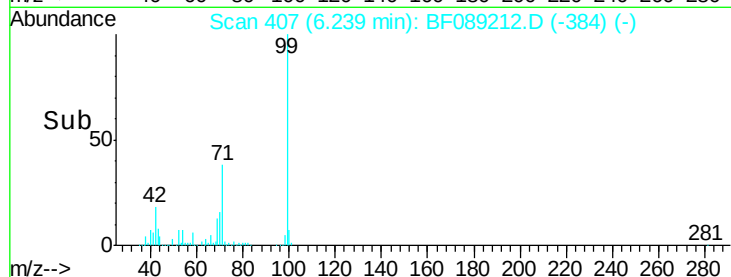
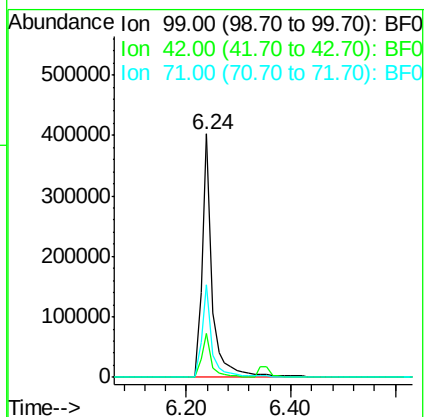
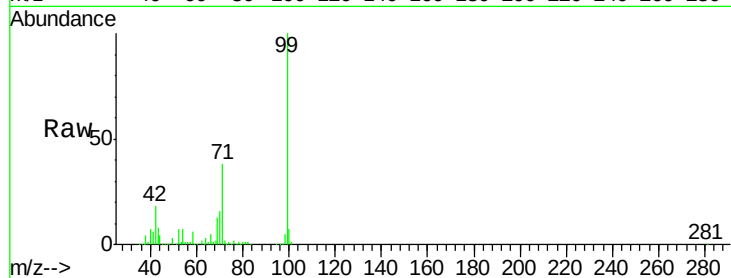
Tgt Ion: 99 Resp: 547388

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

71 38.0 28.9 43.3



#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

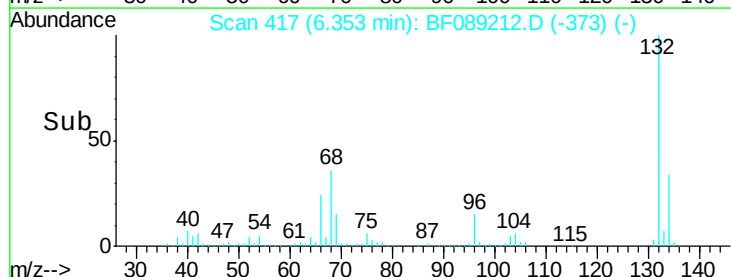
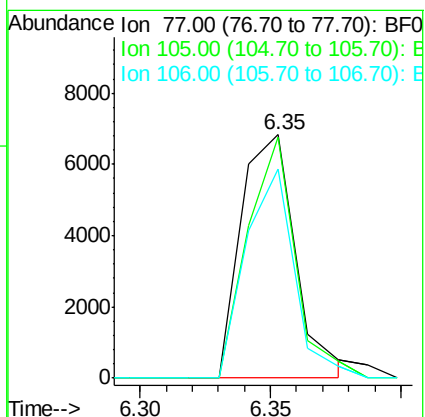
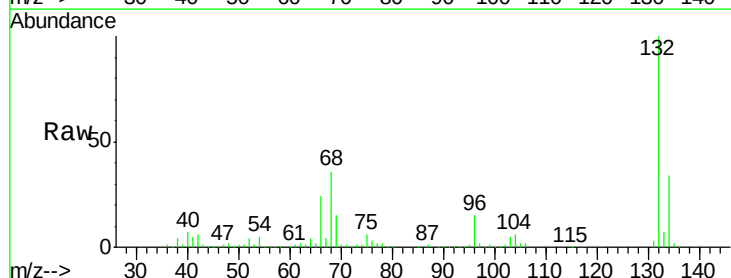
Tgt Ion: 77 Resp: 9986

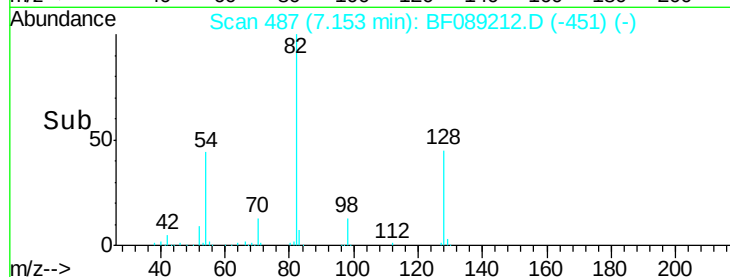
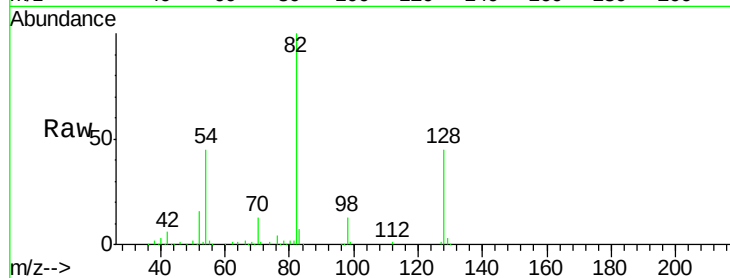
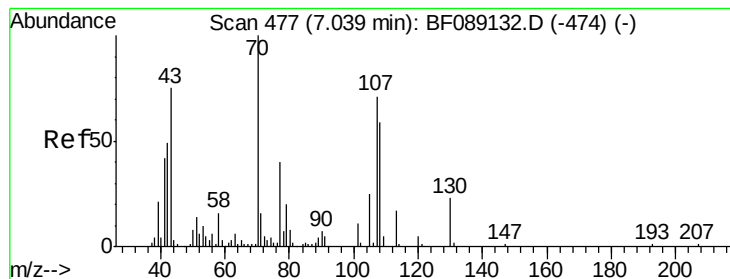
Ion Ratio Lower Upper

77 100

105 98.9 86.2 126.2

106 86.1 76.3 116.3





#19

n-Nitroso-di-n-propylamine

Concen: 17.14 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

GCF-NW-1

Tgt Ion: 70 Resp: 45905

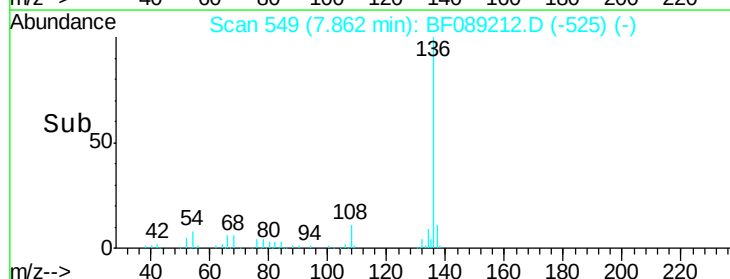
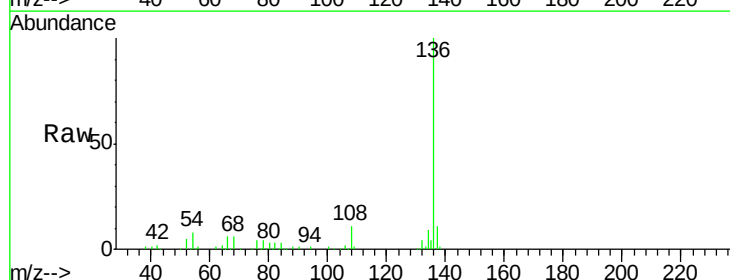
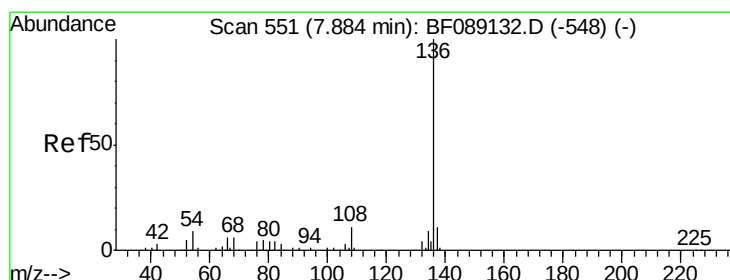
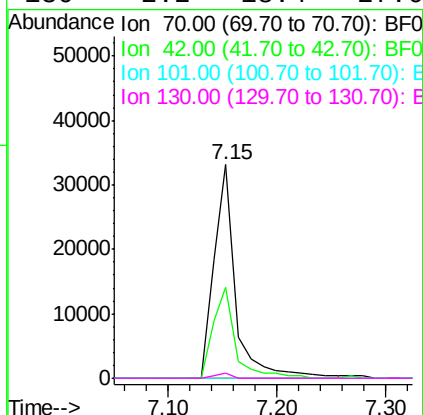
Ion Ratio Lower Upper

70 100

42 42.3 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: BF089212.D

Acq: 23 Jul 2016 1:07

Tgt Ion: 136 Resp: 206676

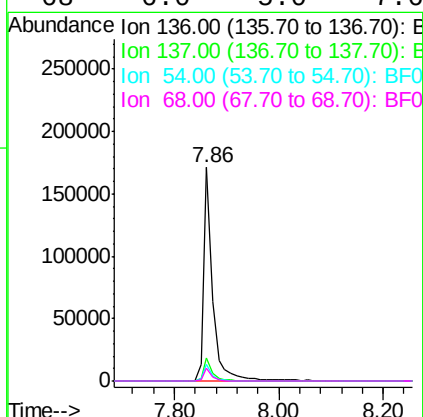
Ion Ratio Lower Upper

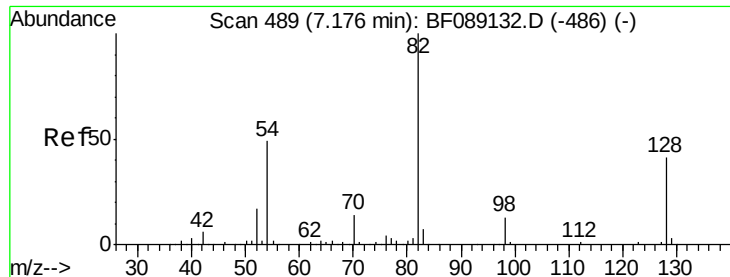
136 100

137 10.9 8.8 13.2

54 7.5 7.0 10.4

68 6.0 5.0 7.6

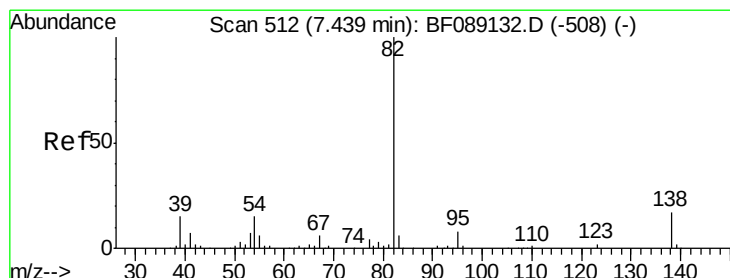
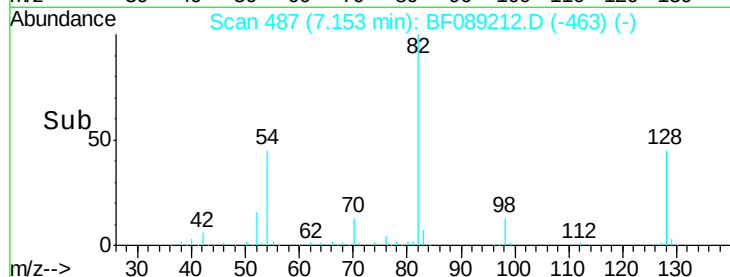
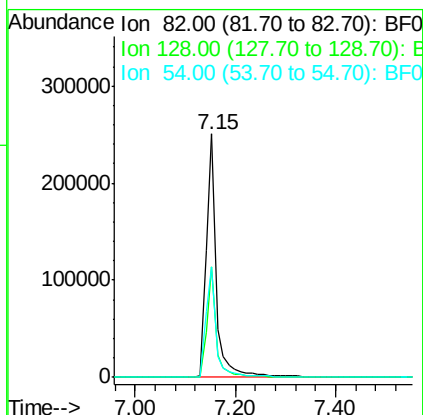
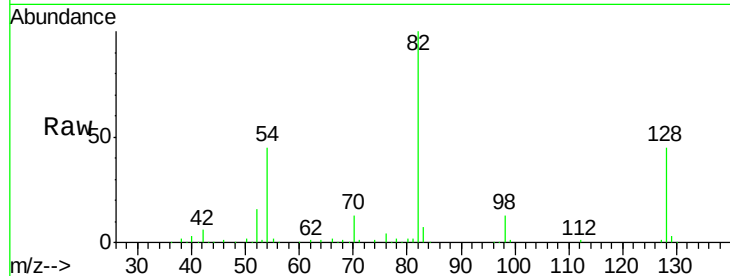




#23
 Nitrobenzene-d5
 Concen: 89.91 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089212.D
 Acq: 23 Jul 2016 1:07

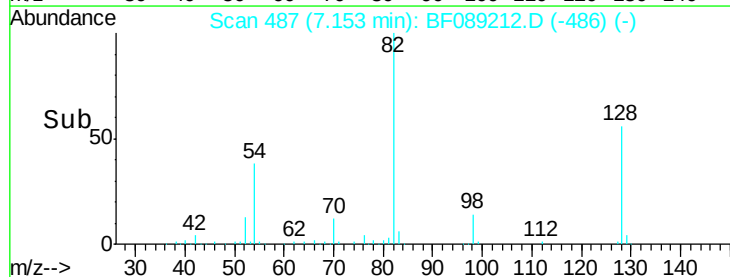
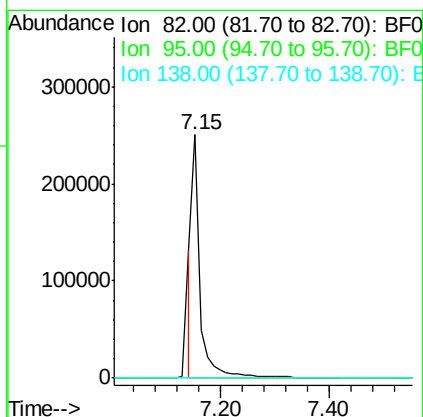
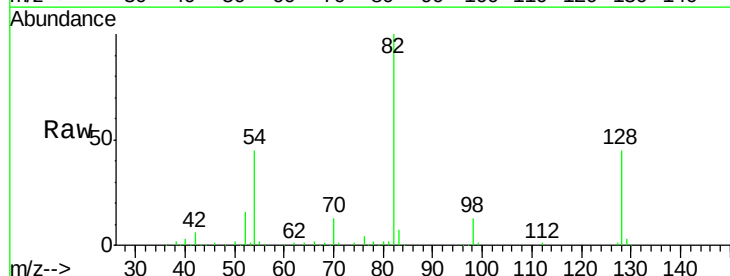
Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-1

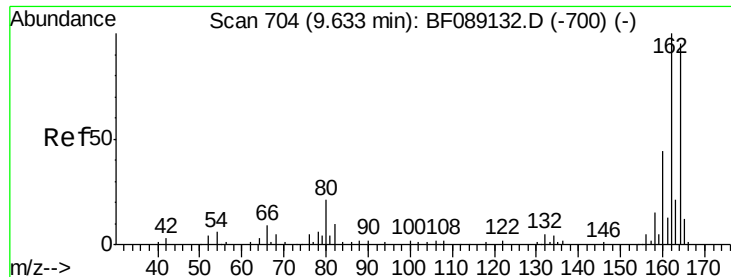
Tgt Ion: 82 Resp: 349714
 Ion Ratio Lower Upper
 82 100
 128 45.1 33.0 49.6
 54 45.5 39.0 58.4



#25
 Isophorone
 Concen: 34.90 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.29 min
 Lab File: BF089212.D
 Acq: 23 Jul 2016 1:07

Tgt Ion: 82 Resp: 250229
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

GCF-NW-1

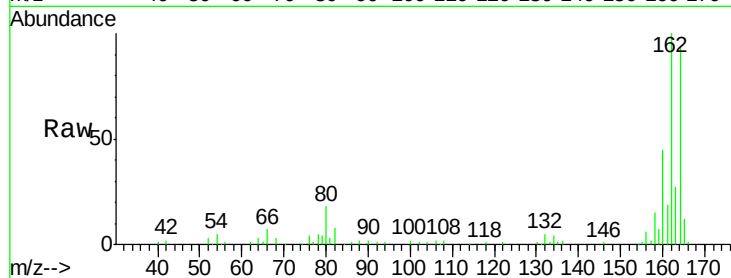
Tgt Ion:164 Resp: 100774

Ion Ratio Lower Upper

164 100

162 106.0 84.1 126.1

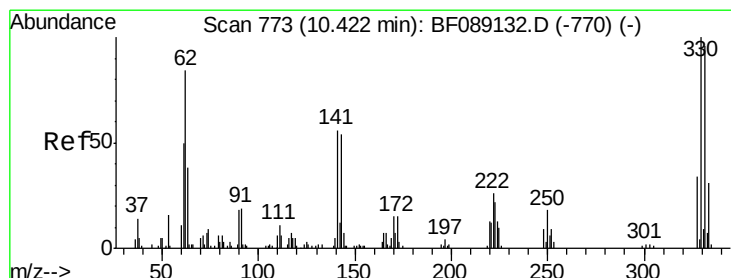
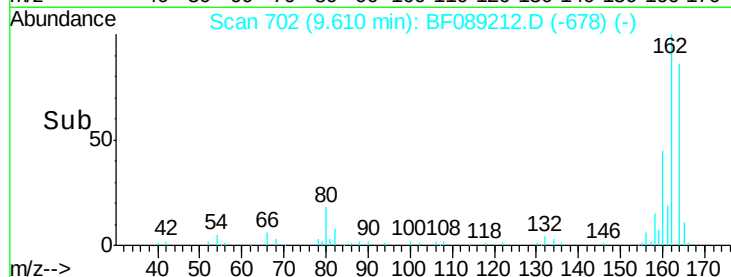
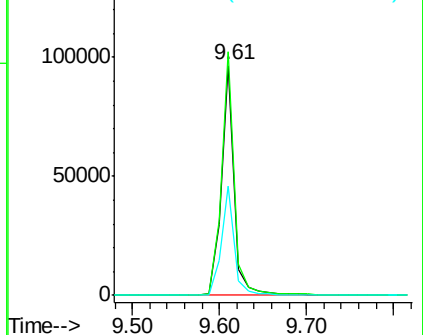
160 47.4 37.1 55.7



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: 130.26 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

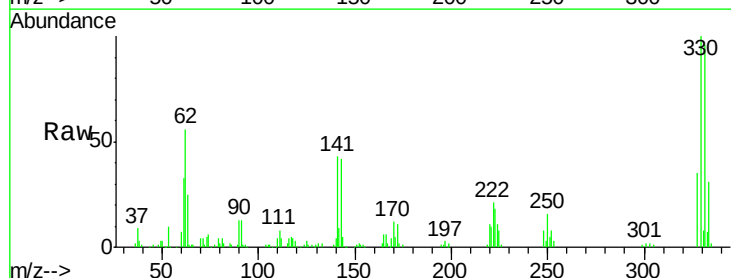
Tgt Ion:330 Resp: 118185

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

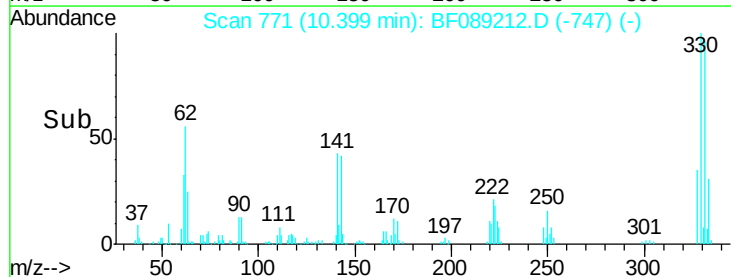
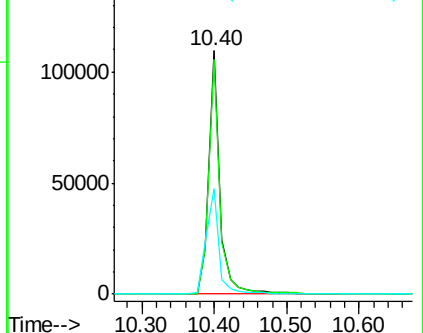
141 48.6 42.2 63.2

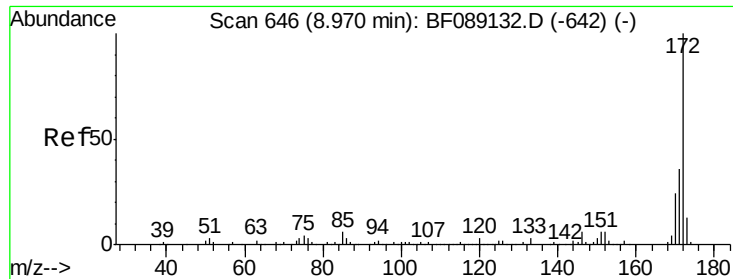


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

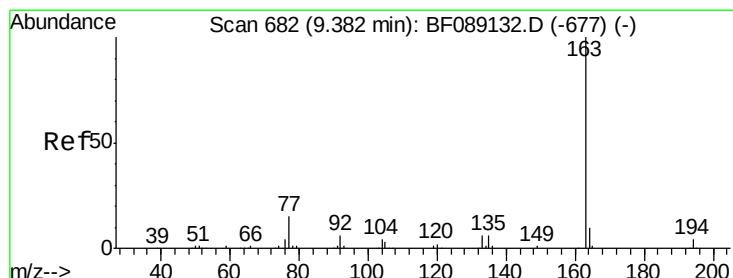
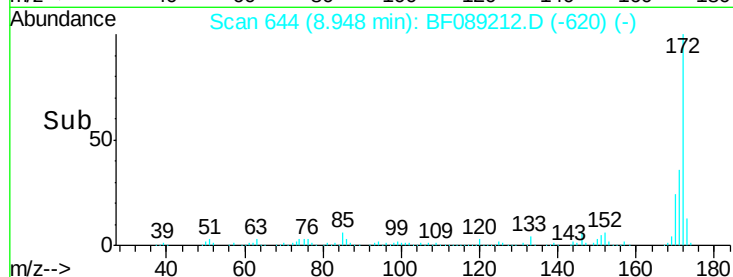
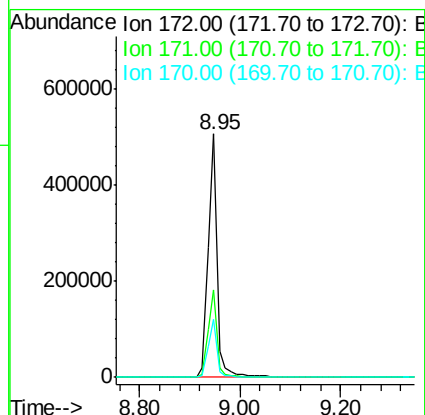
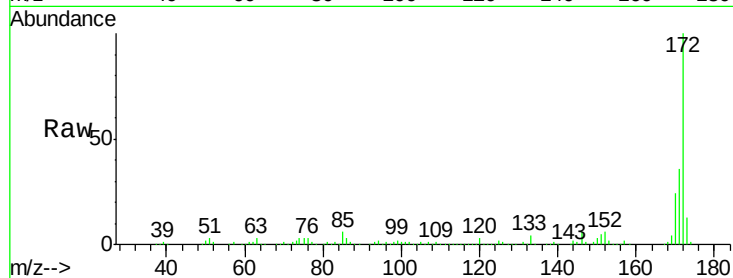




#44
2-Fluorobiphenyl
Concen: 85.98 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089212.D
Acq: 23 Jul 2016 1:07

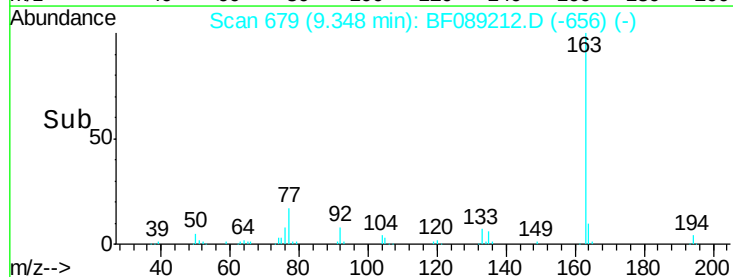
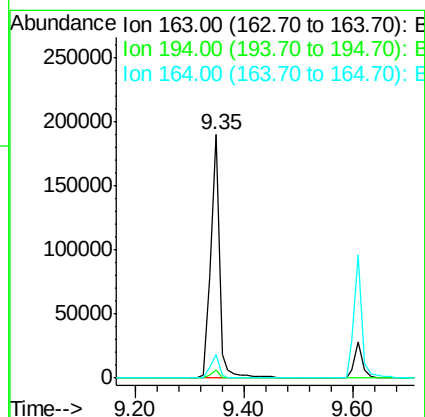
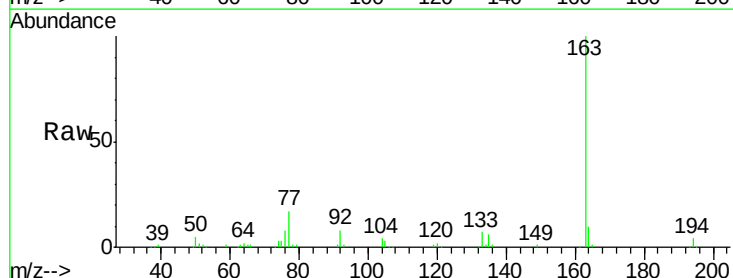
Instrument :
BNA_F
ClientSampleId :
GCF-NW-1

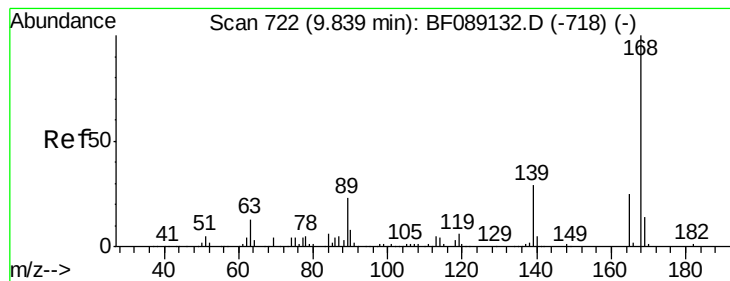
Tgt Ion:172 Resp: 628839
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.7 19.1 28.7



#49
Dimethylphthalate
Concen: 27.85 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089212.D
Acq: 23 Jul 2016 1:07

Tgt Ion:163 Resp: 215396
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.7 7.6 11.4





#56

2,4-Dinitrotoluene

Concen: 5.49 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

Instrument :

BNA_F

ClientSampleId :

GCF-NW-1

Tgt Ion:165 Resp: 12352

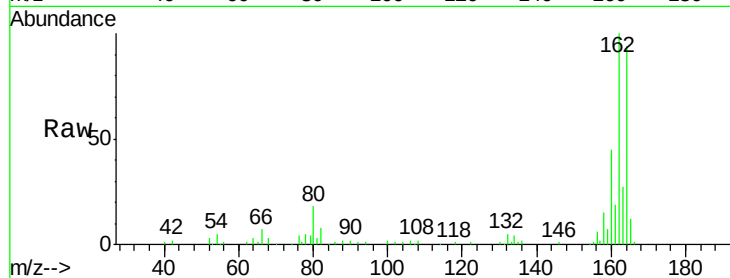
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

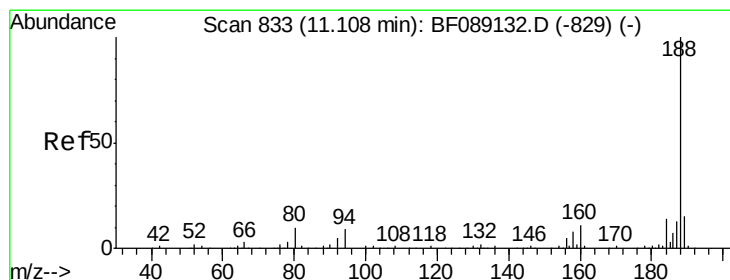
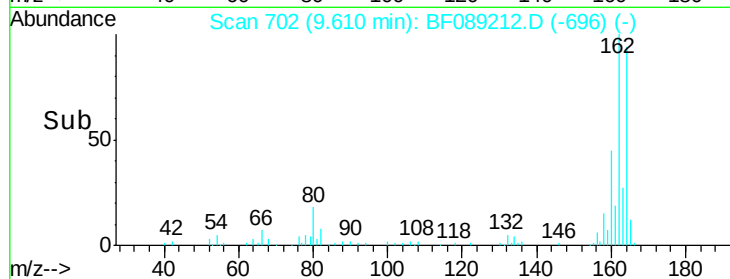
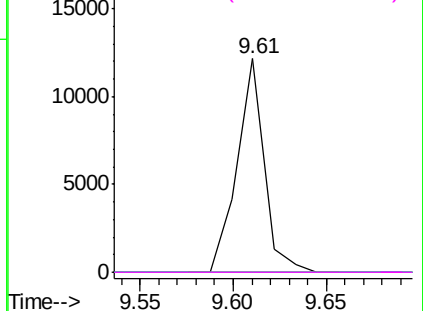


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089212.D

Acq: 23 Jul 2016 1:07

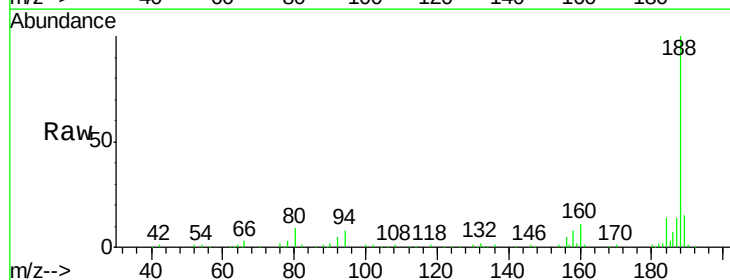
Tgt Ion:188 Resp: 199240

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

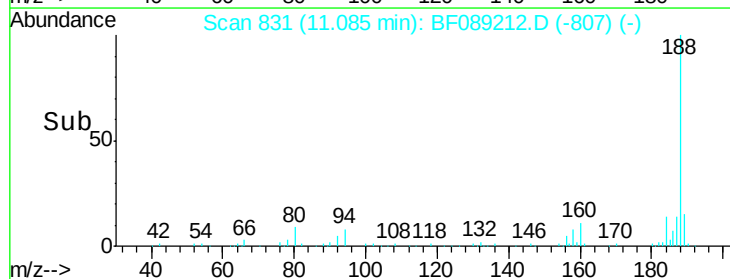
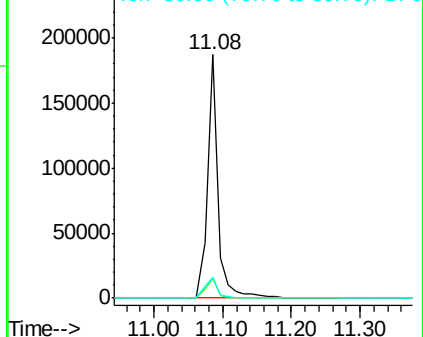
80 8.7 7.7 11.5

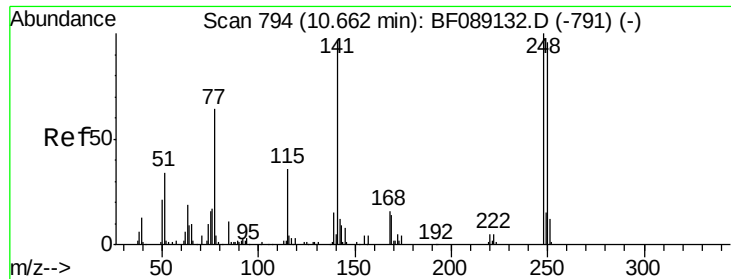


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

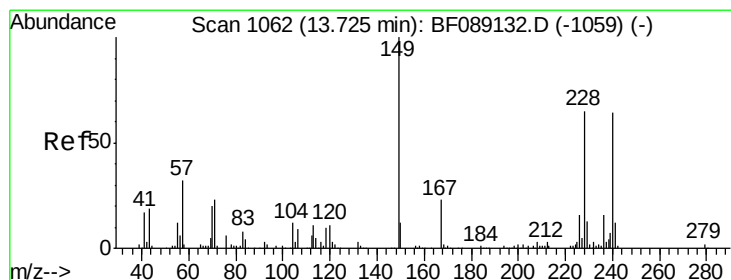
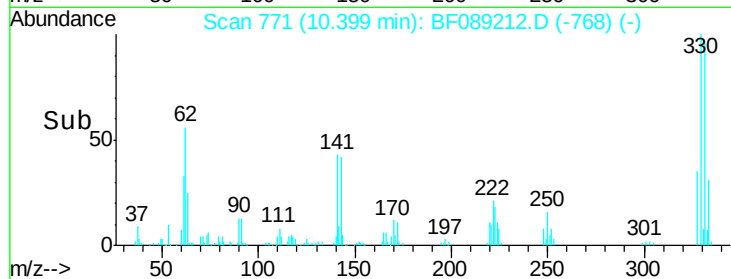
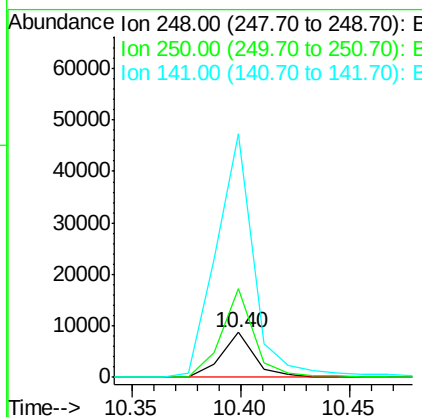
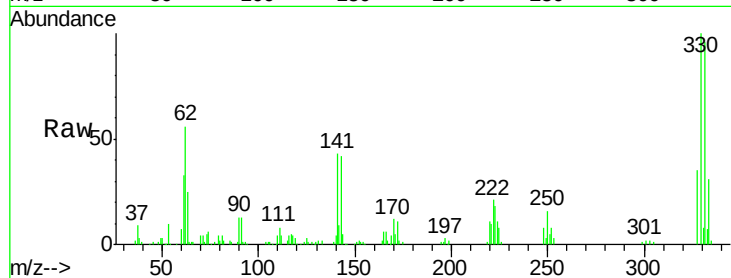




#66
 4-Bromophenyl-phenylether
 Concen: 4.65 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089212.D
 Acq: 23 Jul 2016 1:07

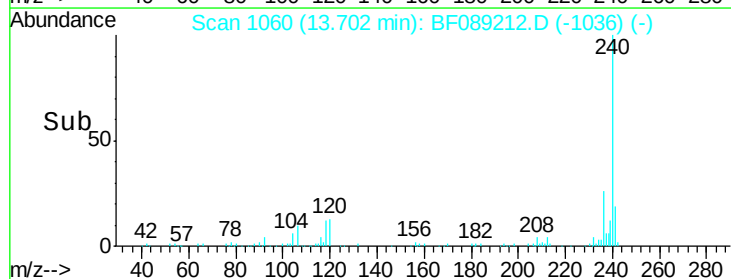
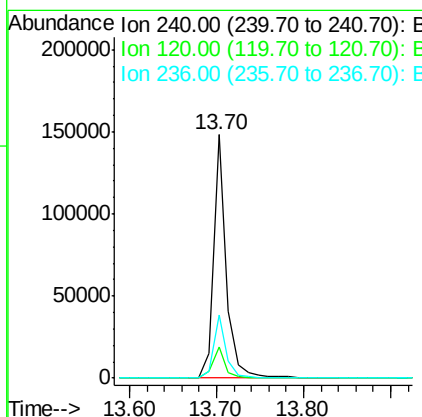
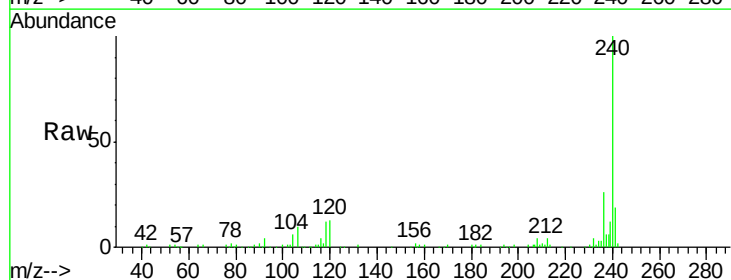
Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-1

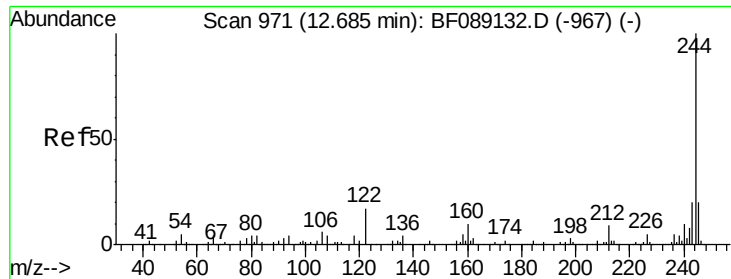
Tgt Ion:248 Resp: 9168
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.9 115.3#
 141 542.0 77.4 116.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089212.D
 Acq: 23 Jul 2016 1:07

Tgt Ion:240 Resp: 152288
 Ion Ratio Lower Upper
 240 100
 120 12.5 13.6 20.4#
 236 25.8 20.5 30.7

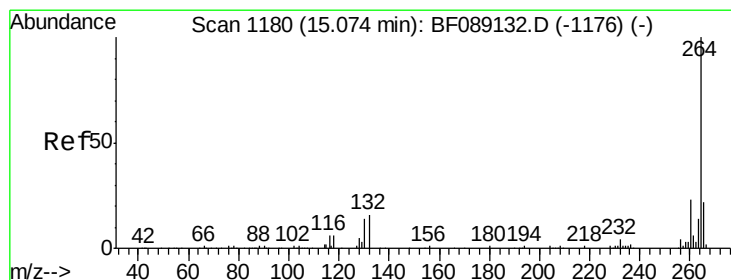
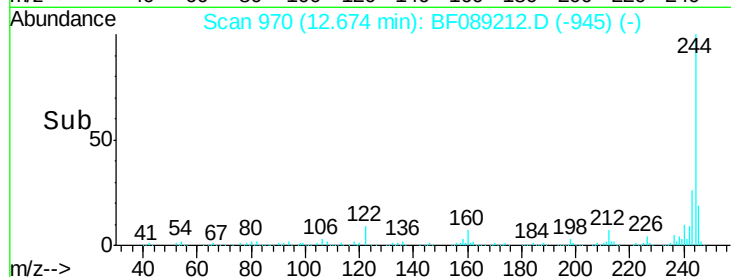
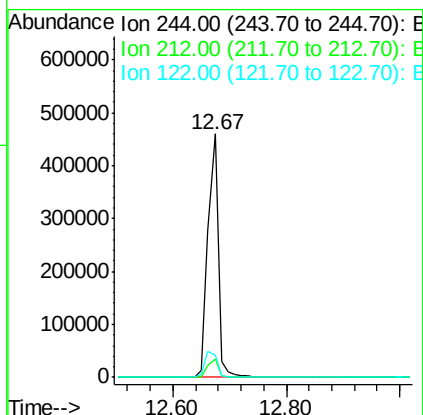
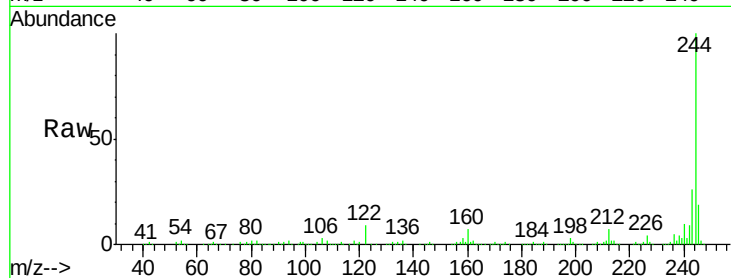




#78
 Terphenyl-d14
 Concen: 79.08 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089212.D
 Acq: 23 Jul 2016 1:07

Instrument :
 BNA_F
 ClientSampleId :
 GCF-NW-1

Tgt Ion:244 Resp: 555259
 Ion Ratio Lower Upper
 244 100
 212 7.4 7.0 10.4
 122 9.1 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089212.D
 Acq: 23 Jul 2016 1:07

Tgt Ion:264 Resp: 114322
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 20.6 17.3 25.9

