

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089549.D
 Acq On : 2 Aug 2016 16:12
 Operator : UM/SJ
 Sample : H4269-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-55-15.2-19.0

Quant Time: Aug 03 01:06:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

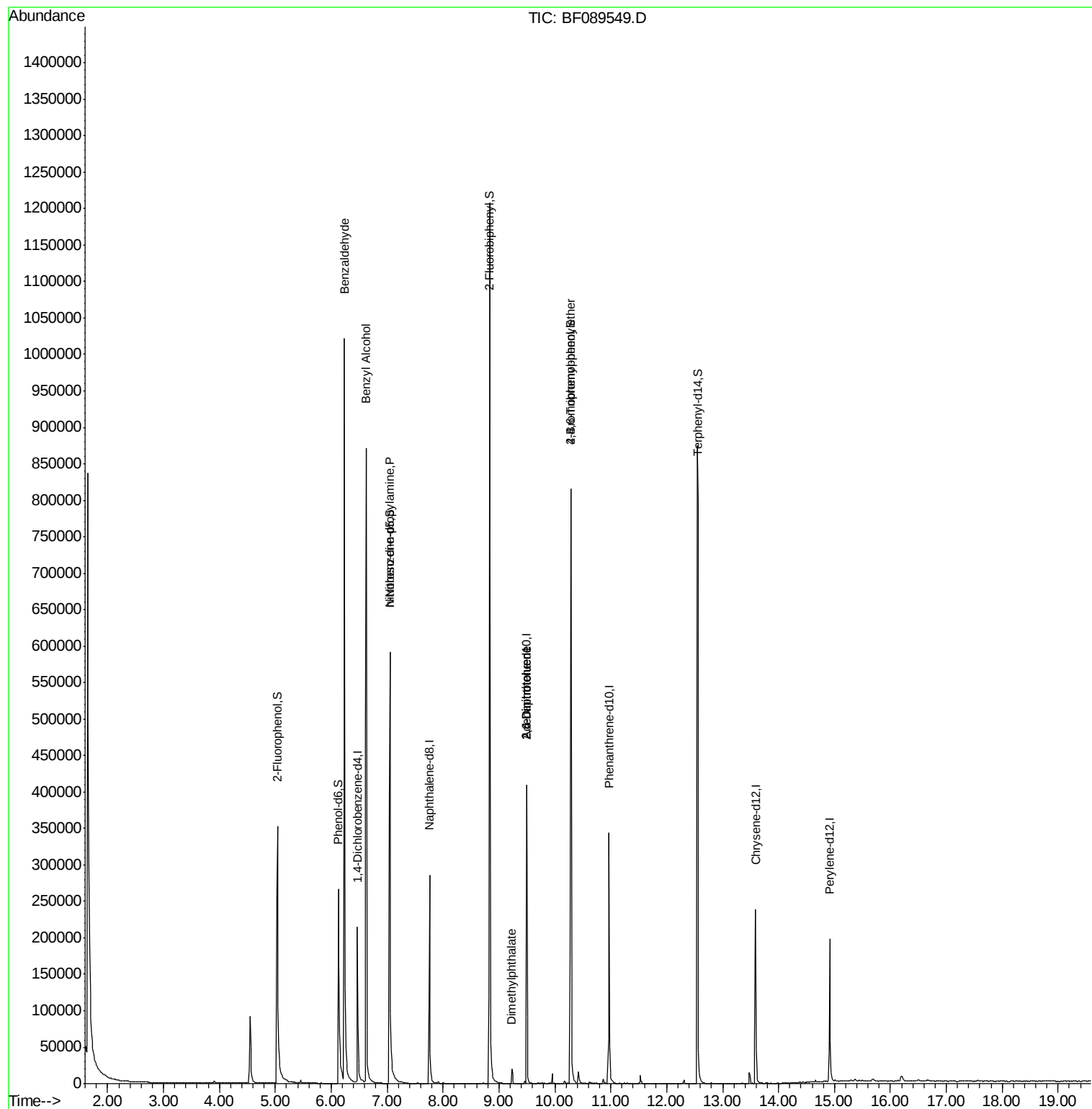
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	43066	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	171127	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	80716	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	144275	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	95411	20.00	ng	-0.08
86) Perylene-d12	14.91	264	81953	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	186900	69.30	ng	-0.07
7) Phenol-d6	6.12	99	170335	47.79	ng	-0.08
23) Nitrobenzene-d5	7.05	82	318231	109.77	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	84788	126.83	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	525351	95.52	ng	-0.08
78) Terphenyl-d14	12.56	244	411643	100.98	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	7721	4.44	ng	85
15) Benzyl Alcohol	6.63	79	4682	2.12	ng	# 50
19) n-Nitroso-di-n-propylamine	7.05	70	40629	18.90	ng	# 76
49) Dimethylphthalate	9.23	163	12766	2.08	ng	# 93
50) 2,6-Dinitrotoluene	9.50	165	9736	7.71	ng	# 24
56) 2,4-Dinitrotoluene	9.50	165	9736	5.86	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	6425	4.66	ng	# 1

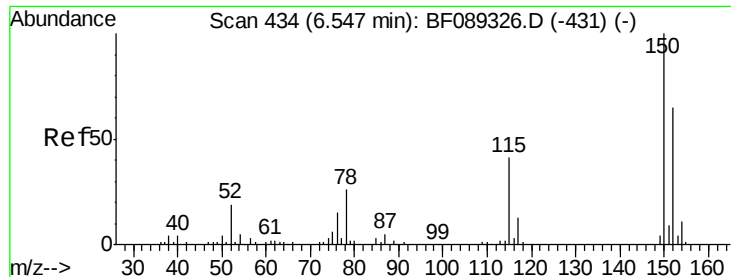
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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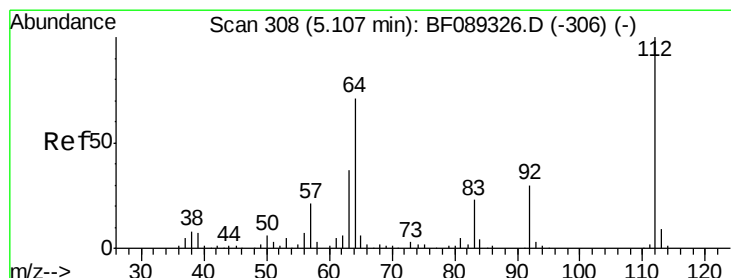
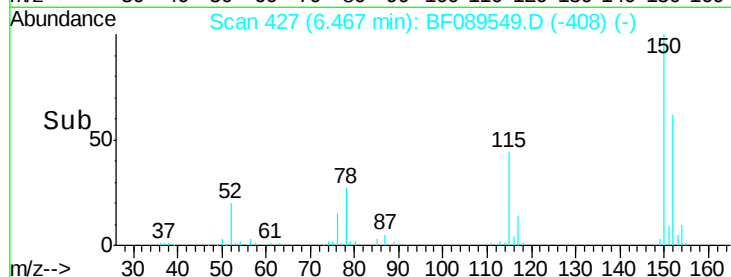
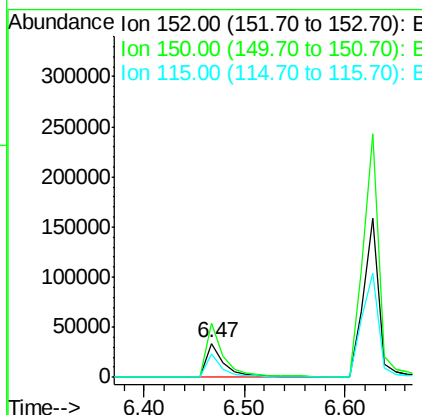
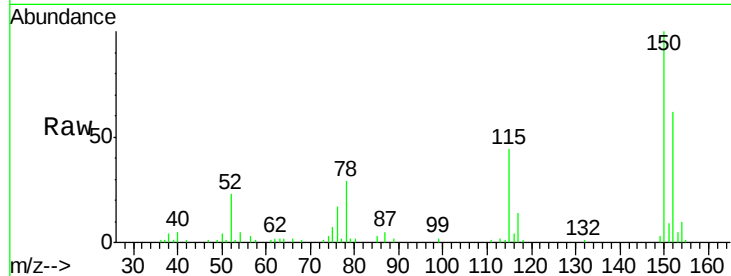




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.08 min
 Lab File: BF089549.D
 Acq: 2 Aug 2016 16:12

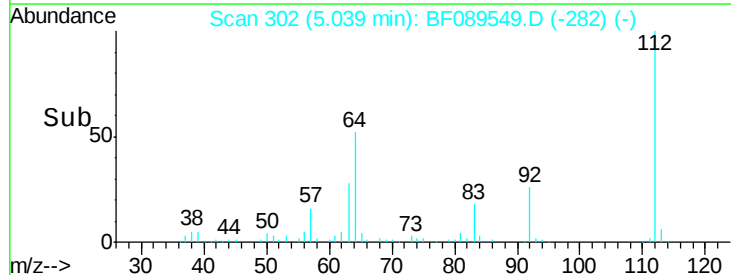
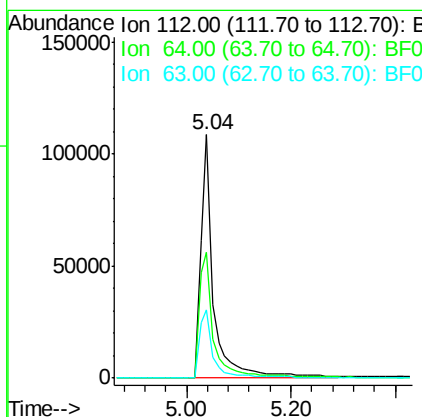
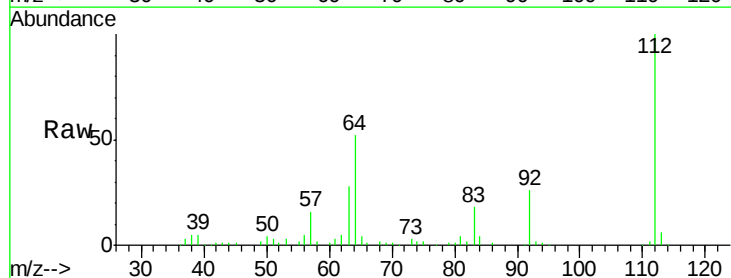
Instrument :
 BNA_F
 ClientSampleId :
 GW-55-15.2-19.0

Tgt Ion:152 Resp: 43066
 Ion Ratio Lower Upper
 152 100
 150 160.8 129.5 194.3
 115 70.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 69.30 ng
 RT: 5.04 min Scan# 302
 Delta R.T. -0.07 min
 Lab File: BF089549.D
 Acq: 2 Aug 2016 16:12

Tgt Ion:112 Resp: 186900
 Ion Ratio Lower Upper
 112 100
 64 51.7 55.0 82.6#
 63 28.0 29.4 44.2#





#7

Phenol-d6

Concen: 47.79 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.08 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

Instrument :

BNA_F

ClientSampleId :

GW-55-15.2-19.0

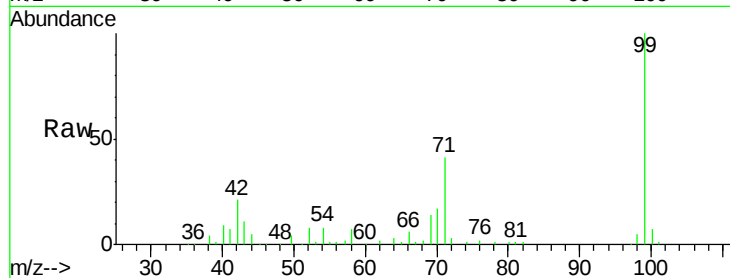
Tgt Ion: 99 Resp: 170335

Ion Ratio Lower Upper

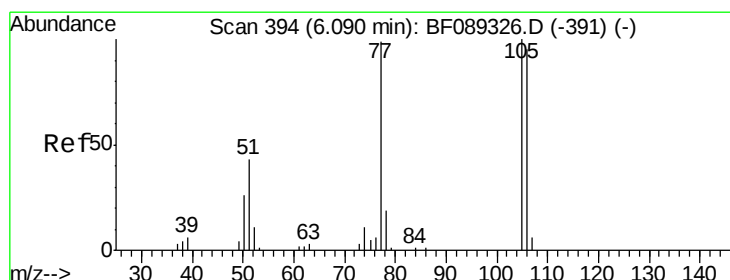
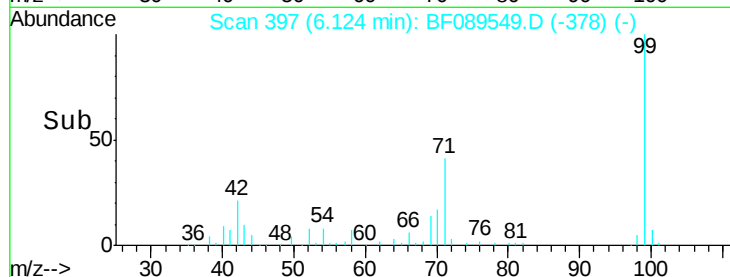
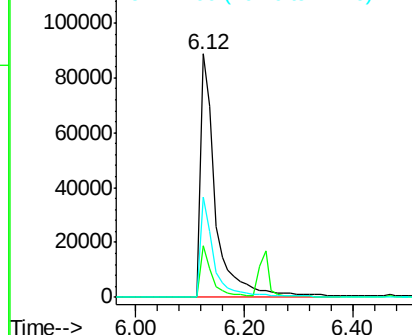
99 100

42 21.1 13.6 20.4#

71 41.4 29.4 44.2



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: 4.44 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

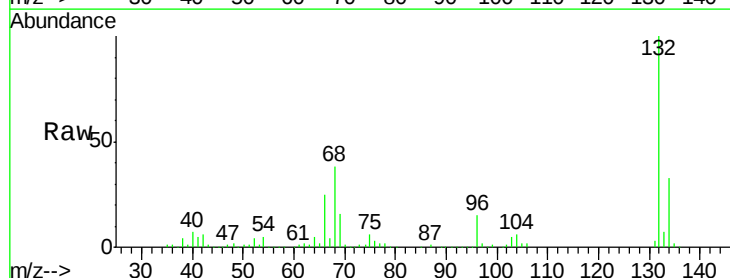
Tgt Ion: 77 Resp: 7721

Ion Ratio Lower Upper

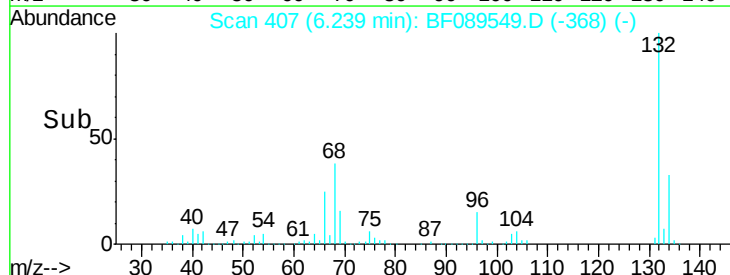
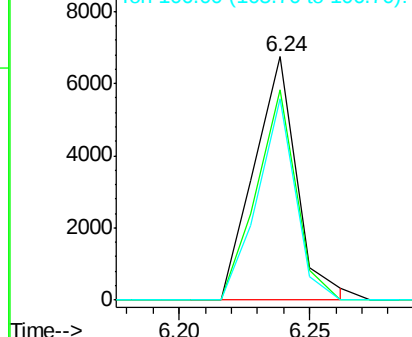
77 100

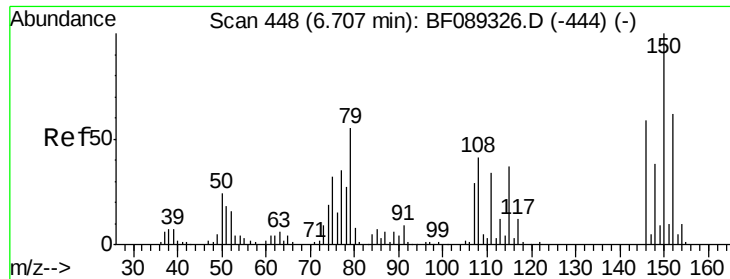
105 86.6 82.9 122.9

106 82.7 75.9 115.9



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

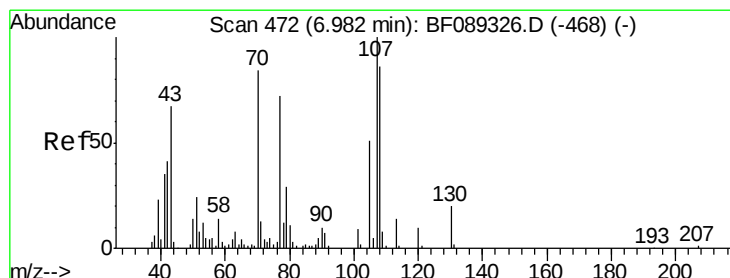
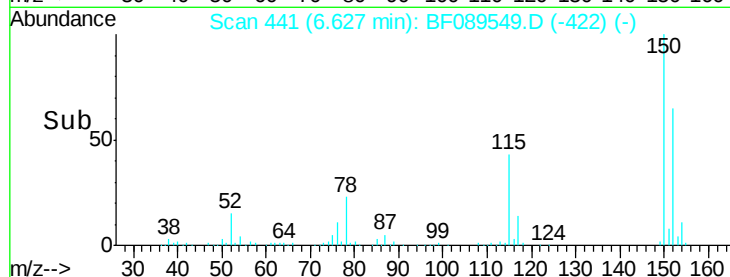
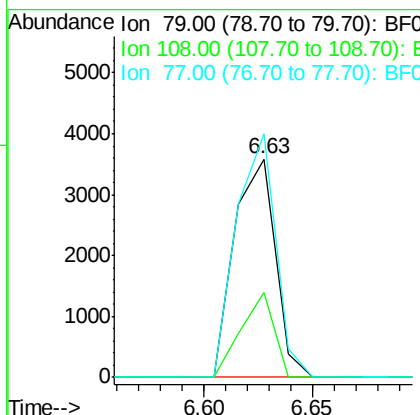
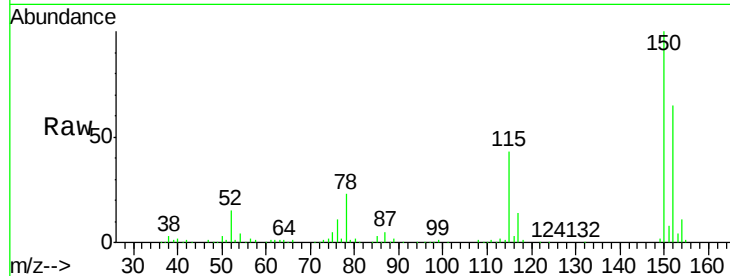




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089549.D
Acq: 2 Aug 2016 16:12

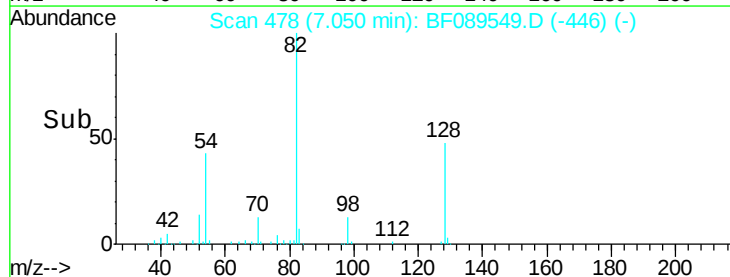
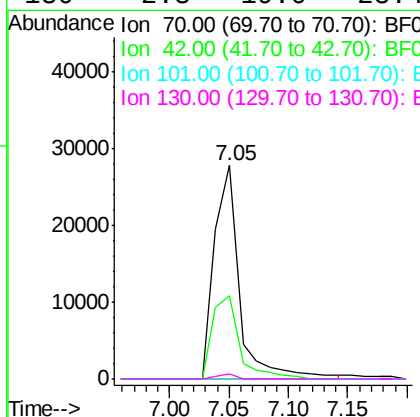
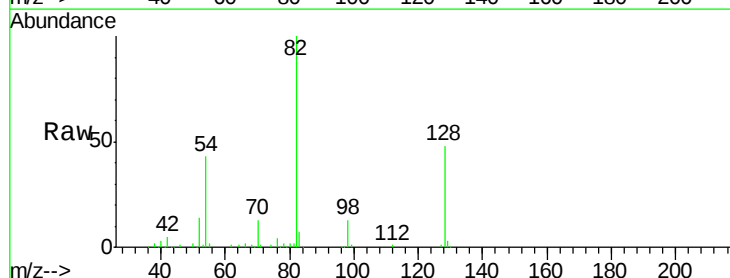
Instrument :
BNA_F
ClientSampleId :
GW-55-15.2-19.0

Tgt Ion: 79 Resp: 4682
Ion Ratio Lower Upper
79 100
108 38.7 59.8 89.6#
77 111.4 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.90 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089549.D
Acq: 2 Aug 2016 16:12

Tgt Ion: 70 Resp: 40629
Ion Ratio Lower Upper
70 100
42 39.0 38.6 57.8
101 0.0 8.3 12.5#
130 2.3 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

Instrument :

BNA_F

ClientSampleId :

GW-55-15.2-19.0

Tgt Ion:136 Resp: 171127

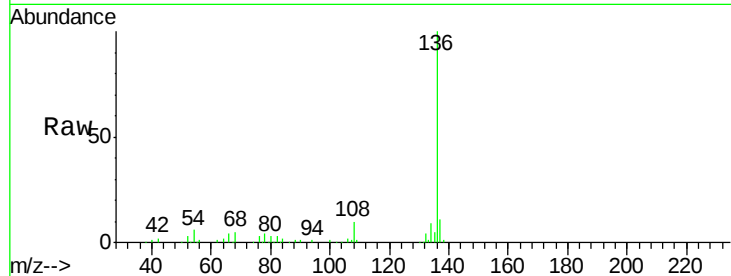
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.8 7.0 10.4#

68 4.9 4.9 7.3

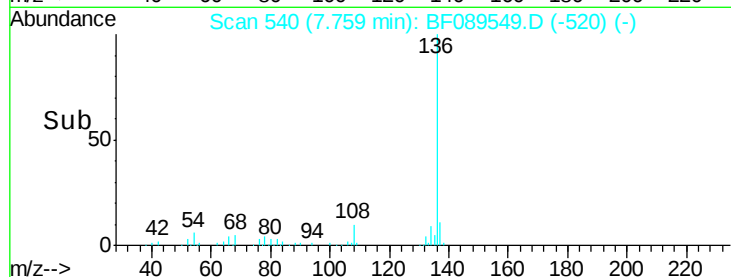


Abundance Ion 136.00 (135.70 to 136.70): E

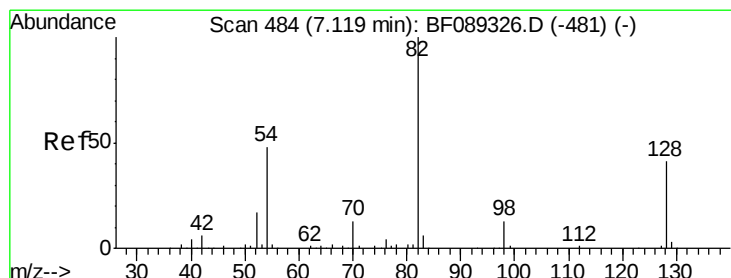
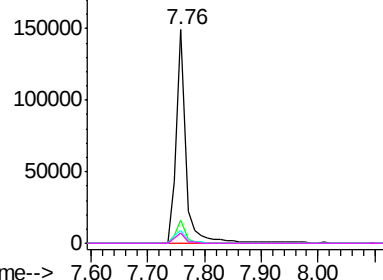
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 109.77 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

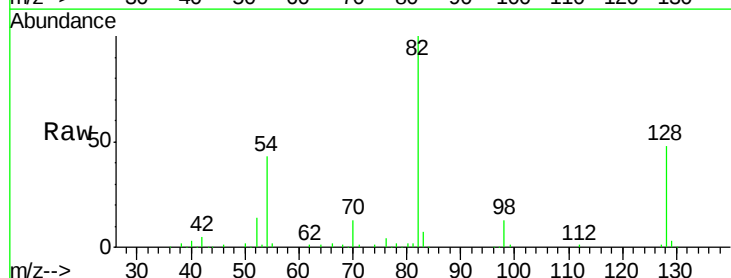
Tgt Ion: 82 Resp: 318231

Ion Ratio Lower Upper

82 100

128 48.1 32.5 48.7

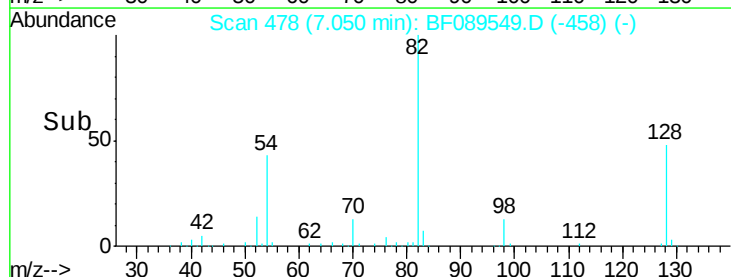
54 43.0 38.8 58.2



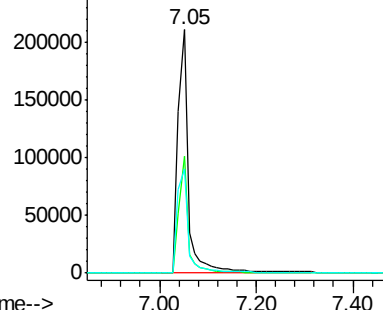
Abundance Ion 82.00 (81.70 to 82.70): BF0

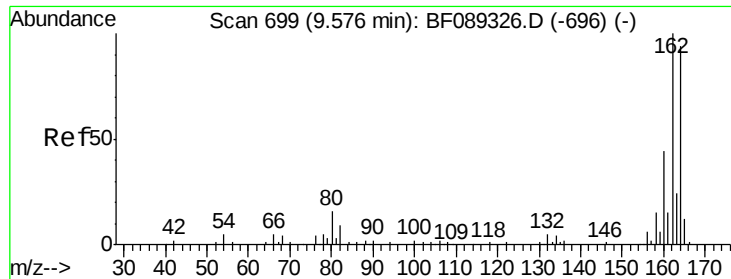
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.08 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

Instrument :

BNA_F

ClientSampleId :

GW-55-15.2-19.0

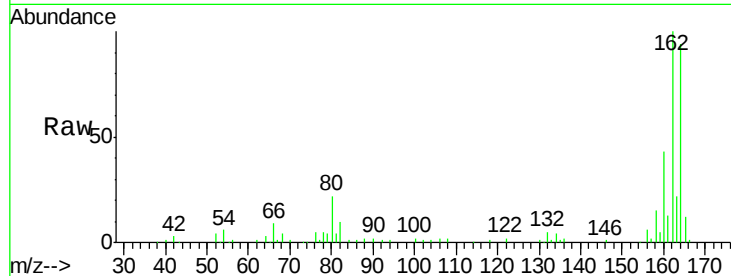
Tgt Ion:164 Resp: 80716

Ion Ratio Lower Upper

164 100

162 106.1 83.7 125.5

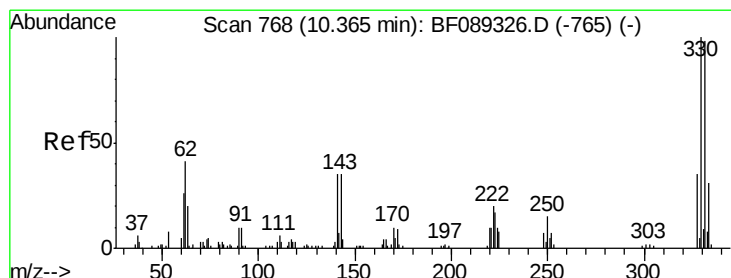
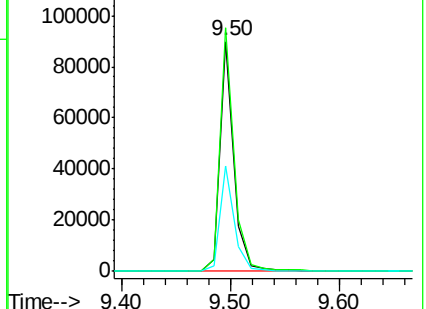
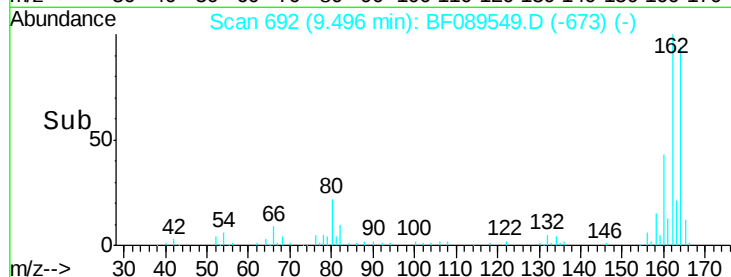
160 46.0 37.8 56.6



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: 126.83 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.08 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

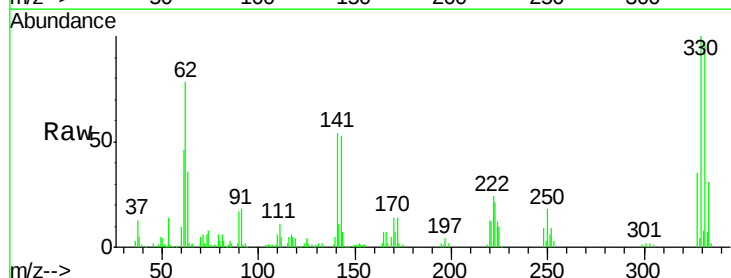
Tgt Ion:330 Resp: 84788

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

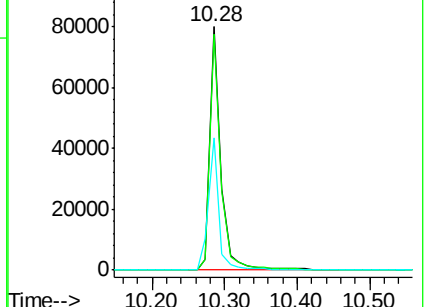
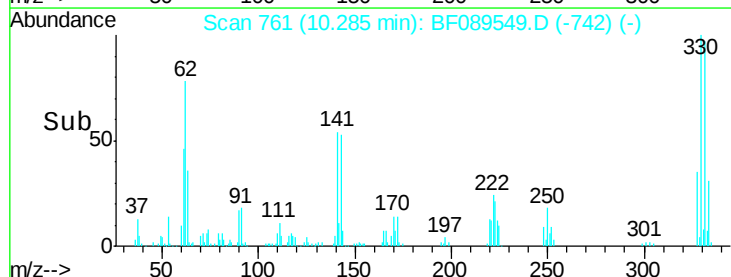
141 51.5 37.3 55.9



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

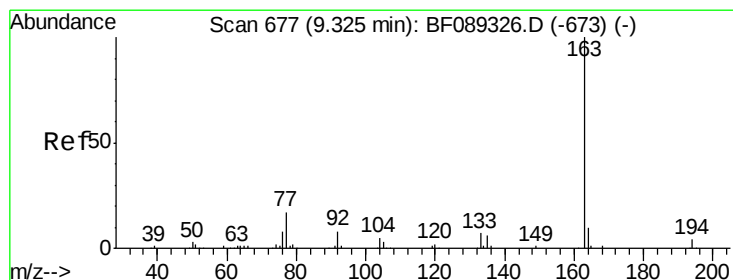
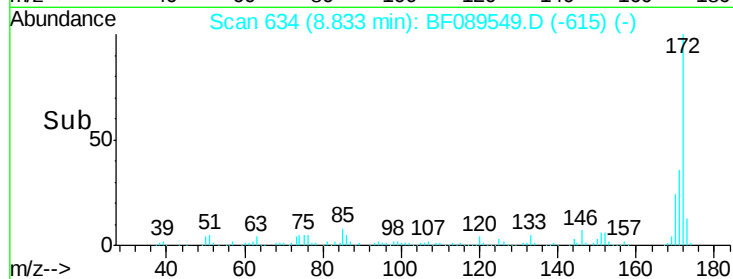
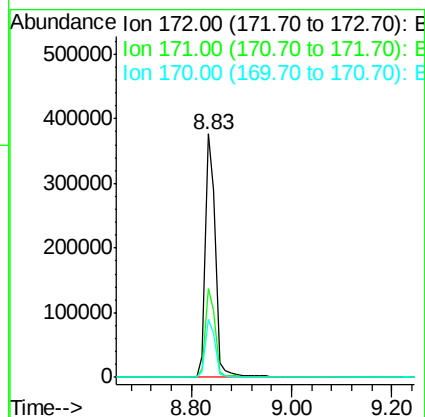
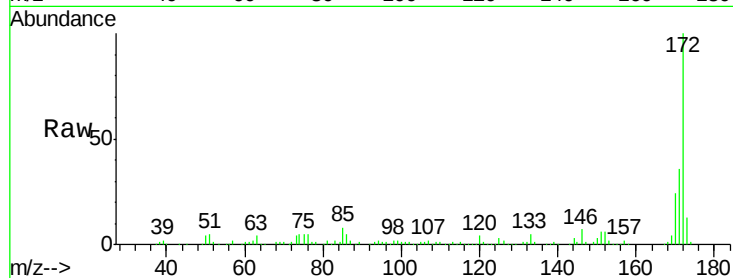




#44
 2-Fluorobiphenyl
 Concen: 95.52 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089549.D
 Acq: 2 Aug 2016 16:12

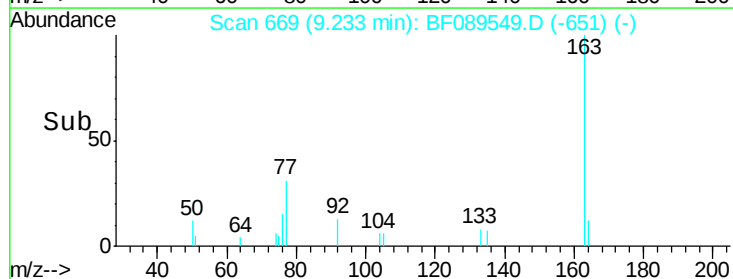
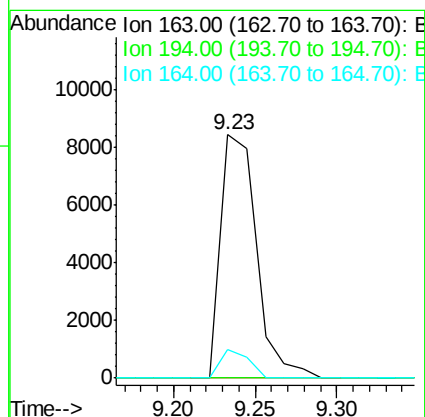
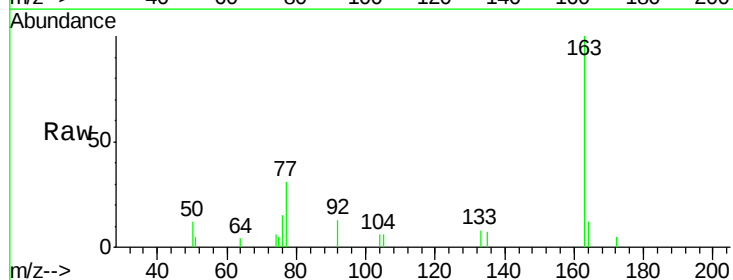
Instrument :
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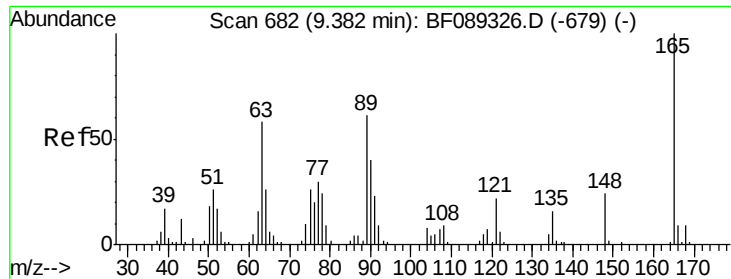
Tgt Ion:172 Resp: 525351
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.9 19.2 28.8



#49
 Dimethylphthalate
 Concen: 2.08 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF089549.D
 Acq: 2 Aug 2016 16:12

Tgt Ion:163 Resp: 12766
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.8 4.2#
 164 11.7 7.8 11.8

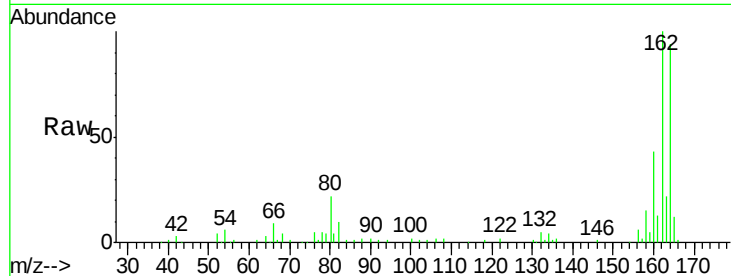




#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.11 min
 Lab File: BF089549.D
 Acq: 2 Aug 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-55-15.2-19.0

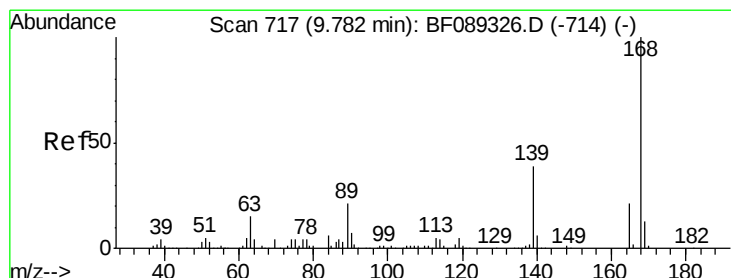
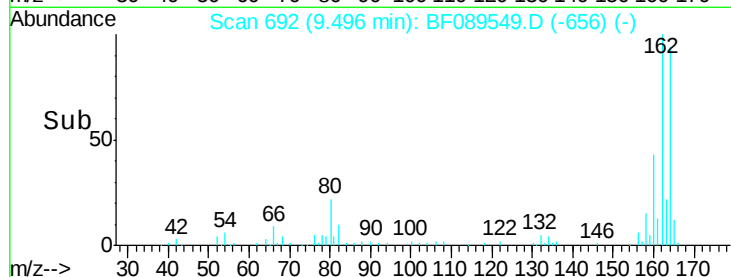
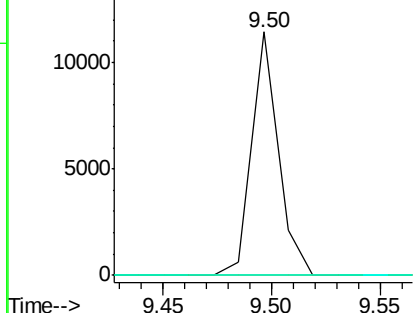
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



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: 5.86 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089549.D
 Acq: 2 Aug 2016 16:12

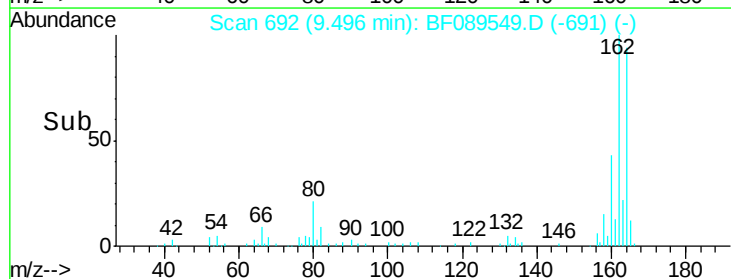
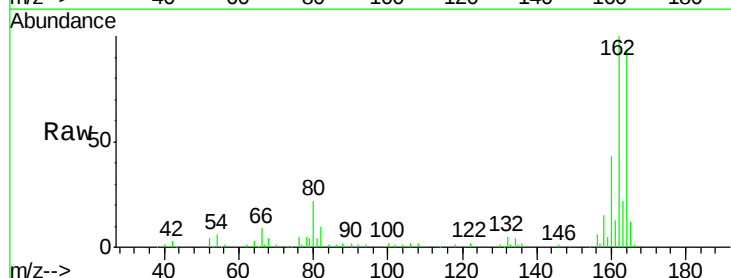
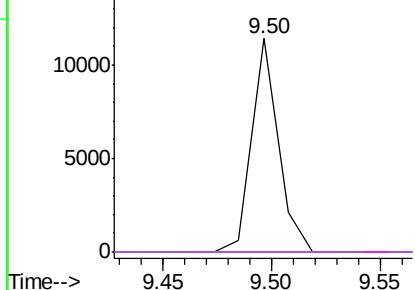
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

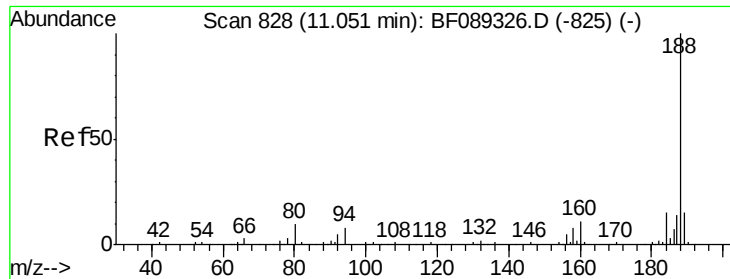
Abundance Ion 165.00 (164.70 to 165.70): E

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

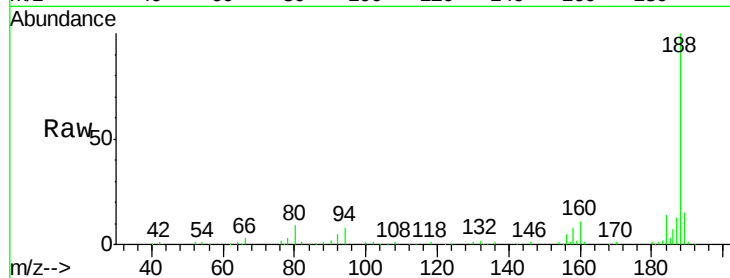




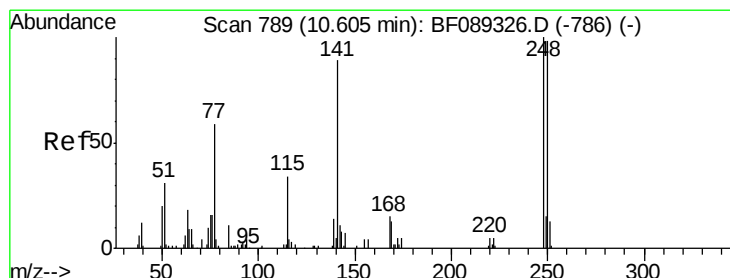
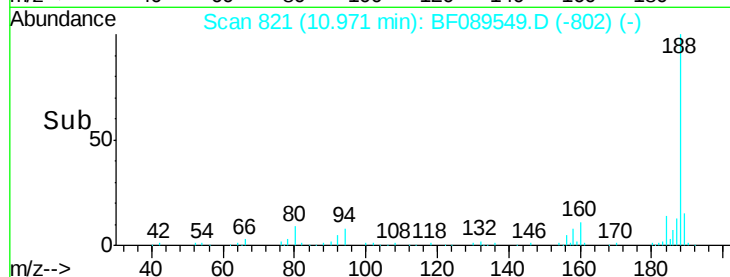
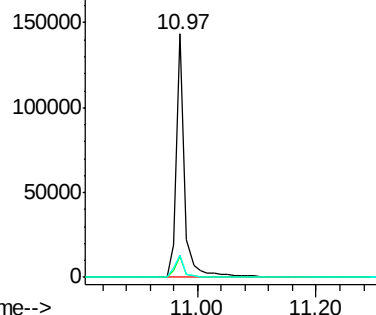
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.08 min
Lab File: BF089549.D
Acq: 2 Aug 2016 16:12

Instrument :
BNA_F
ClientSampleId :
GW-55-15.2-19.0

Tgt Ion:188 Resp: 144275
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.2 7.2 10.8

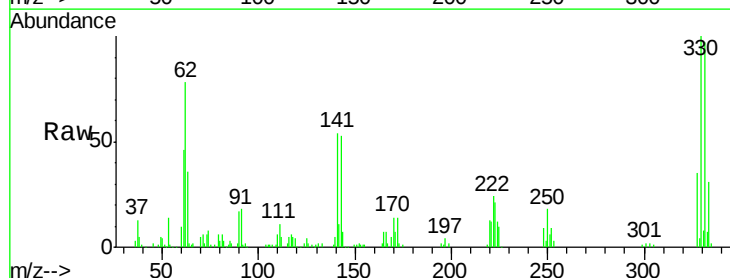


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

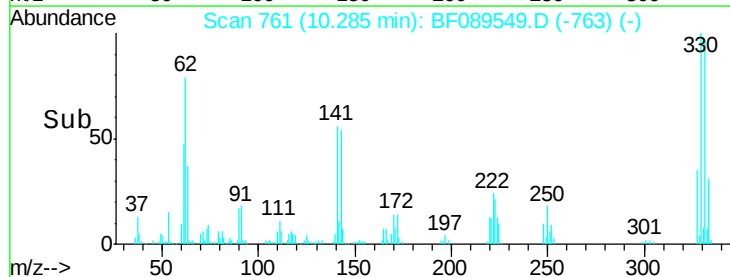
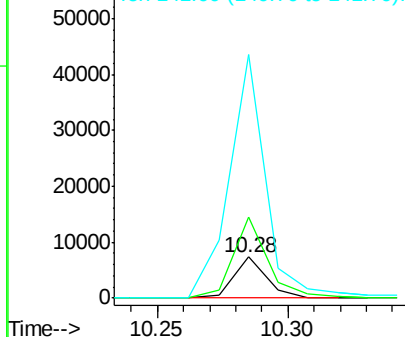


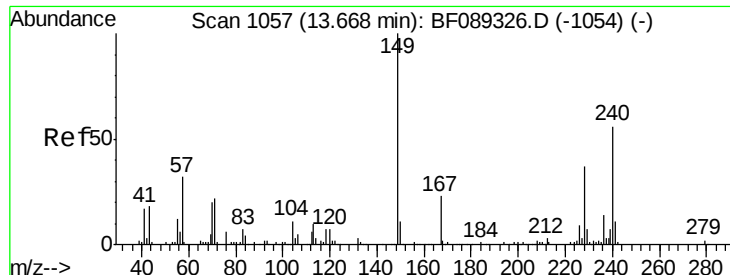
#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.32 min
Lab File: BF089549.D
Acq: 2 Aug 2016 16:12

Tgt Ion:248 Resp: 6425
Ion Ratio Lower Upper
248 100
250 196.5 78.2 117.2#
141 593.4 62.0 93.0#



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: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

Instrument :

BNA_F

ClientSampleId :

GW-55-15.2-19.0

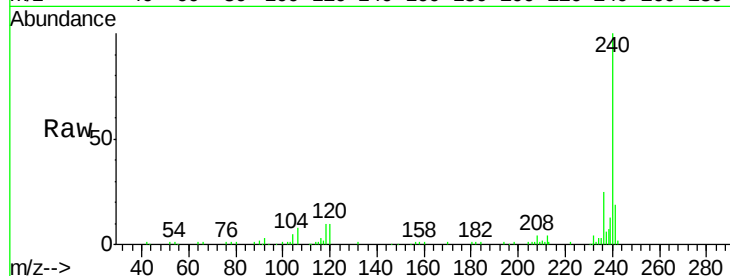
Tgt Ion:240 Resp: 95411

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

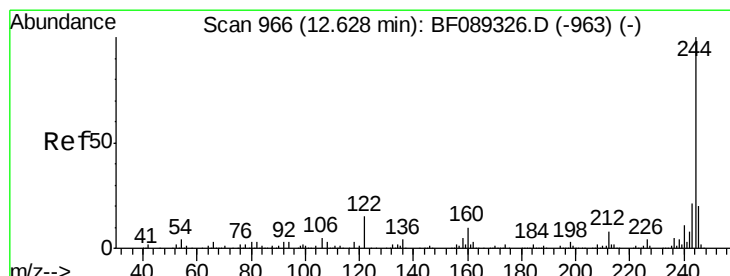
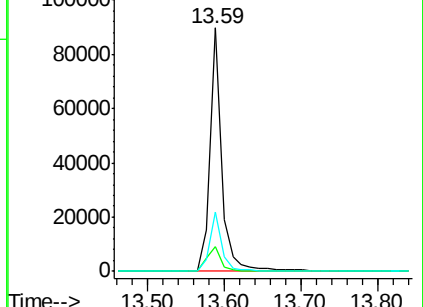
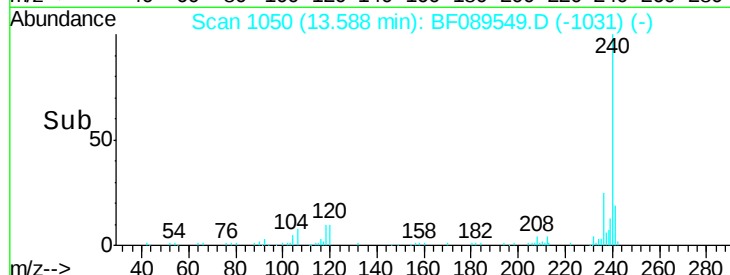
236 24.6 20.6 30.8



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: 100.98 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089549.D

Acq: 2 Aug 2016 16:12

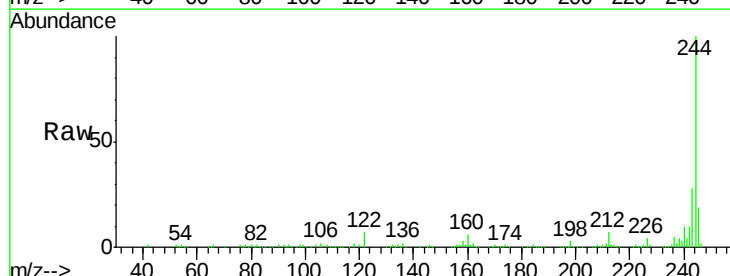
Tgt Ion:244 Resp: 411643

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 7.1 11.4 17.0#



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

