

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089622.D
 Acq On : 5 Aug 2016 10:19
 Operator : UM/SJ
 Sample : H4287-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Quant Time: Aug 05 13:40:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

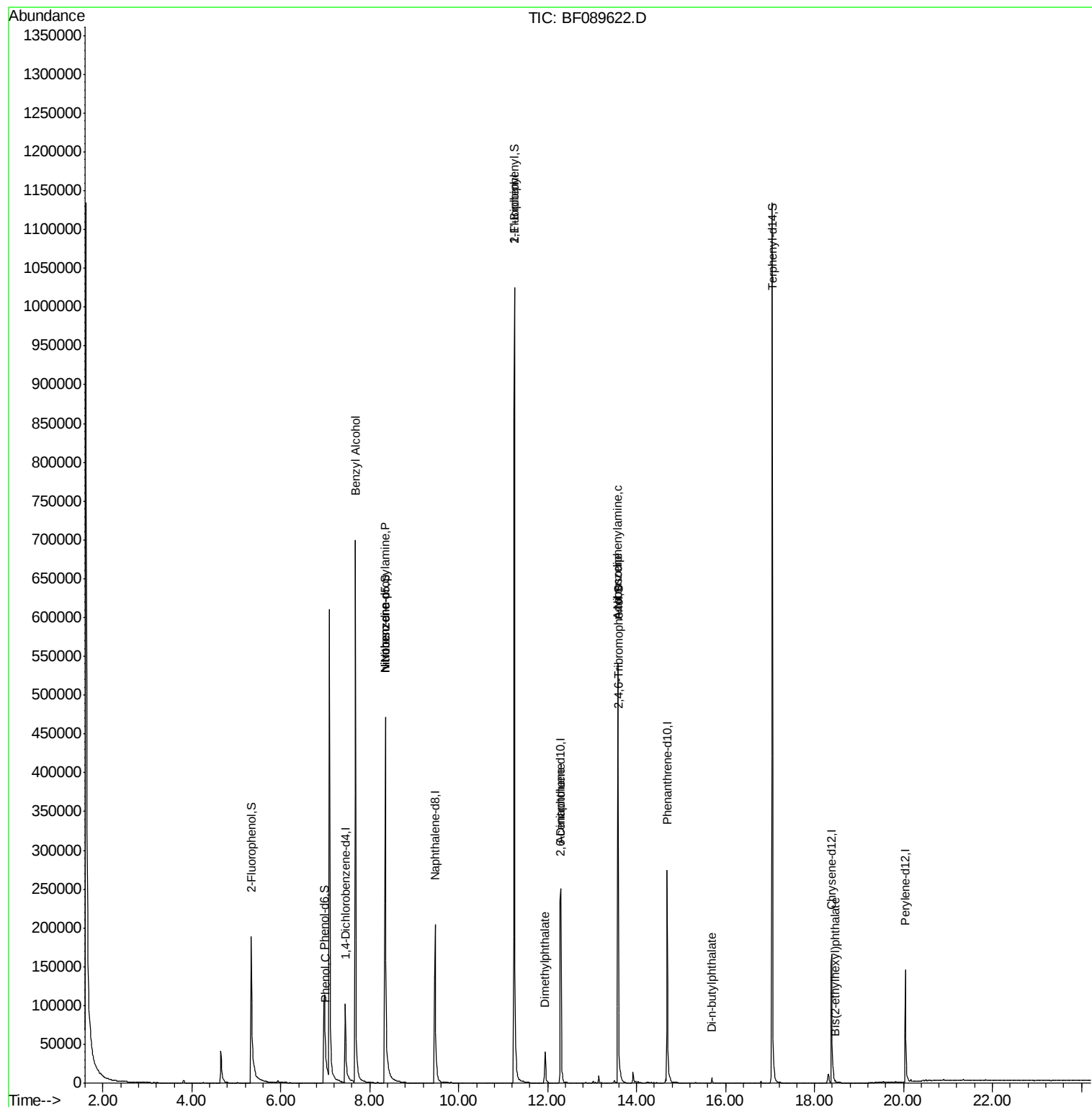
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42427	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	182402	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	89371	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	171046	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	112134	20.00	ng	0.00
86) Perylene-d12	20.05	264	81318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	151062	59.68	ng	0.02
7) Phenol-d6	6.98	99	135618	39.49	ng	0.00
23) Nitrobenzene-d5	8.35	82	292647	88.74	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	96692	131.10	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	571178	83.06	ng	0.00
78) Terphenyl-d14	17.05	244	469381	82.63	ng	0.00
Target Compounds						
10) Phenol	7.00	94	206	0.06	ng	# 1
15) Benzyl Alcohol	7.68	79	4328	1.92	ng	# 47
19) n-Nitroso-di-n-propylamine	8.35	70	34585	13.94	ng	# 81
24) Nitrobenzene	8.35	77	583	0.19	ng	# 42
45) 1,1'-Biphenyl	11.26	154	910	0.11	ng	# 1
49) Dimethylphthalate	11.94	163	28551	4.08	ng	# 99
50) 2,6-Dinitrotoluene	12.28	165	9537	6.85	ng	# 24
62) Azobenzene	13.58	77	280	0.04	ng	# 1
65) n-Nitrosodiphenylamine	13.58	169	3608	0.62	ng	# 39
73) Di-n-butylphthalate	15.69	149	954	0.08	ng	# 79
83) Bis(2-ethylhexyl)phthalate	18.47	149	935	0.16	ng	# 55

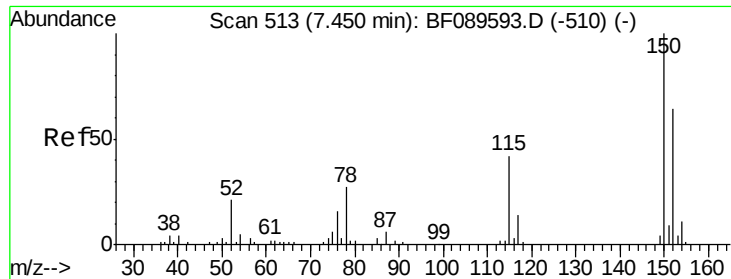
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089622.D
Acq On : 5 Aug 2016 10:19
Operator : UM/SJ
Sample : H4287-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Quant Time: Aug 05 13:40:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

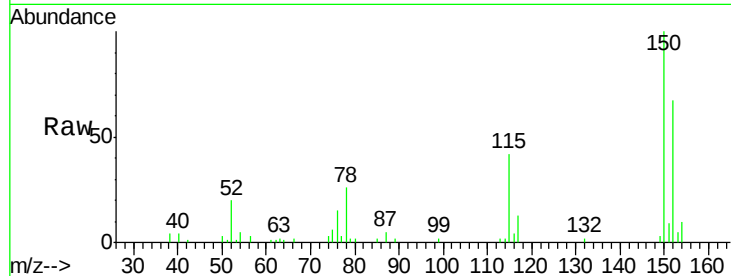
Tot Ion:152 Resp: 42427

Ion Ratio Lower Upper

152 100

150 149.8 125.5 188.3

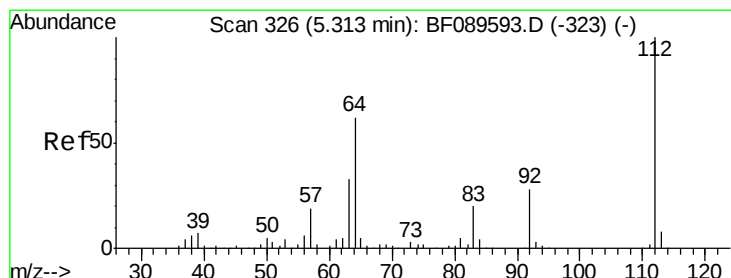
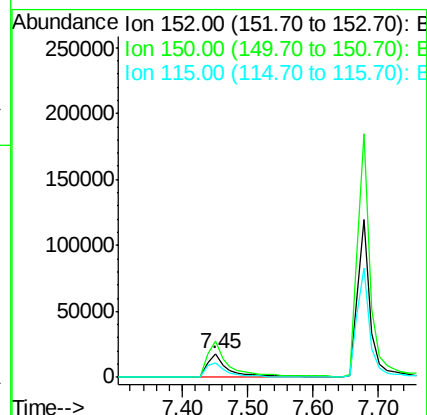
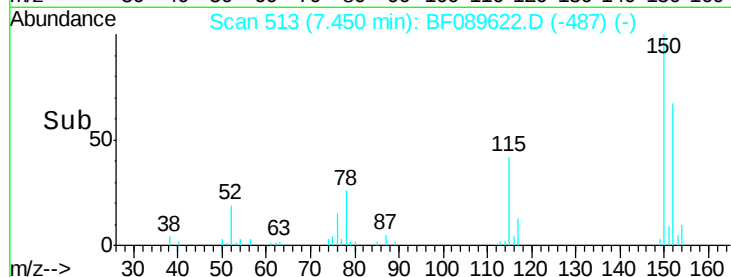
115 62.3 52.0 78.0



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: 59.68 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

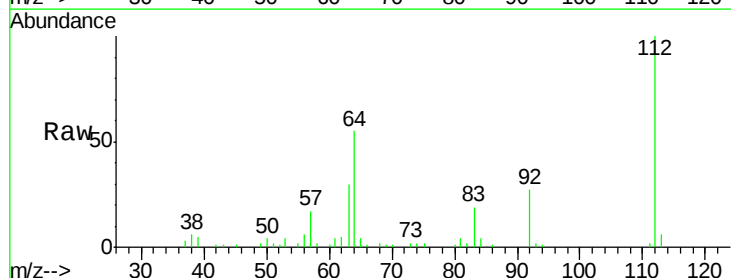
Tgt Ion:112 Resp: 151062

Ion Ratio Lower Upper

112 100

64 54.8 49.9 74.9

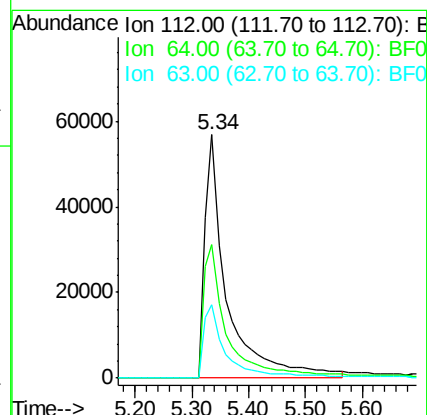
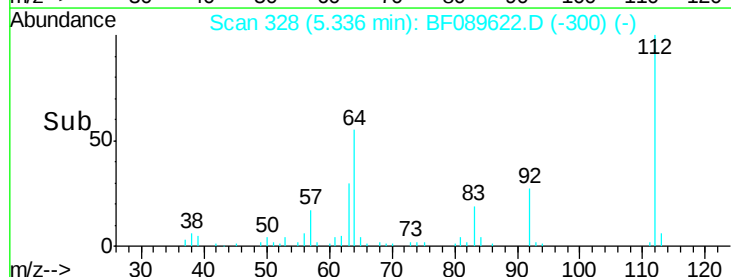
63 29.9 26.1 39.1



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: 39.49 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

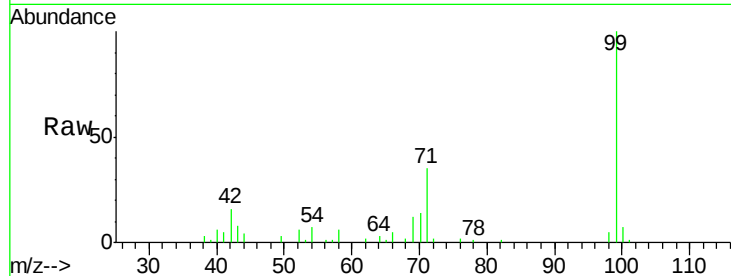
Tot Ion: 99 Resp: 135618

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

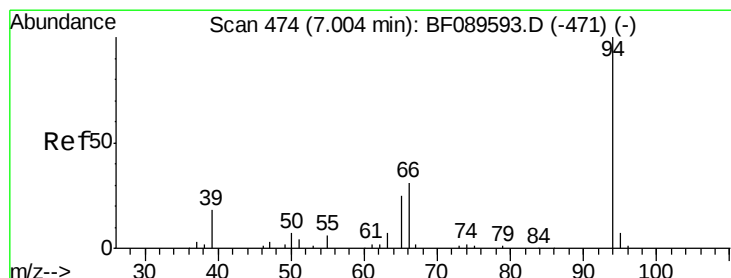
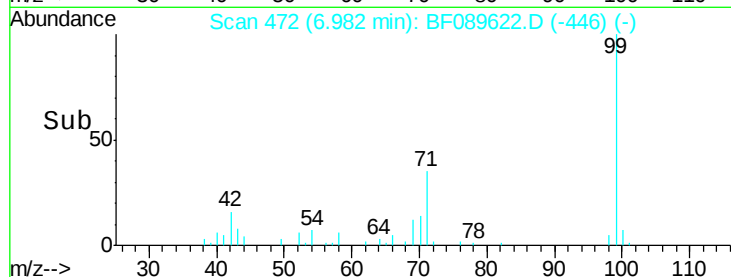
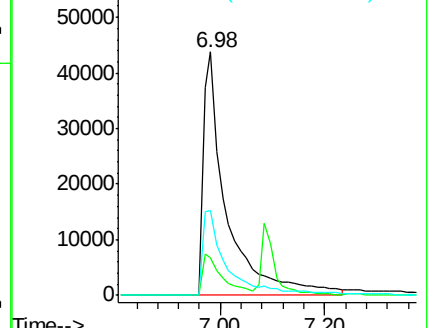
71 34.9 29.0 43.4



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



#10

Phenol

Concen: 0.06 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

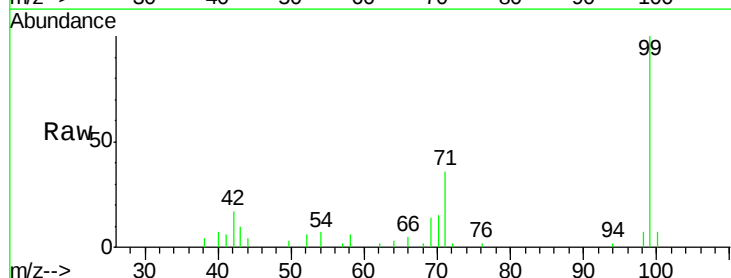
Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

94 100

65 0.0 11.0 51.0#

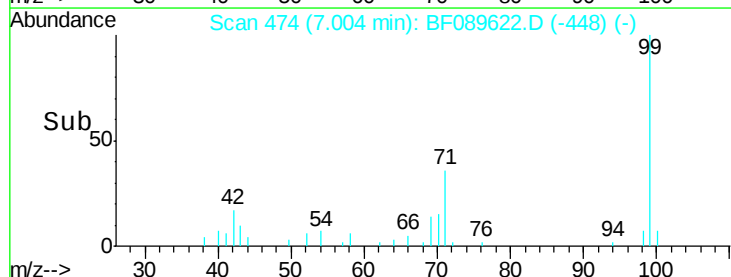
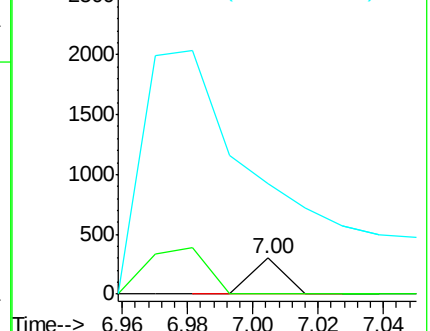
66 307.0 27.4 67.4#

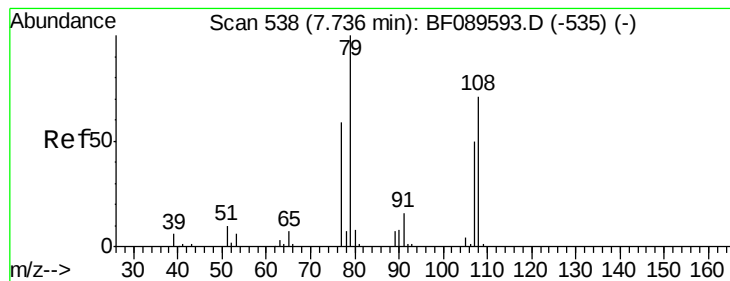


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 1.92 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

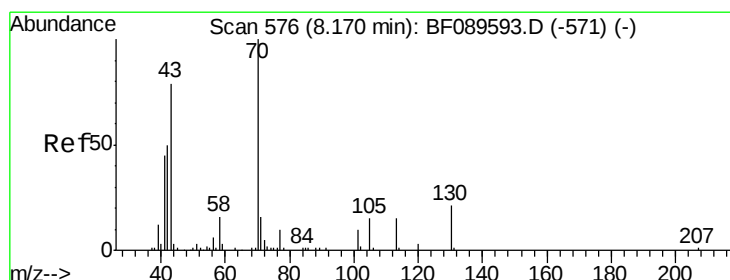
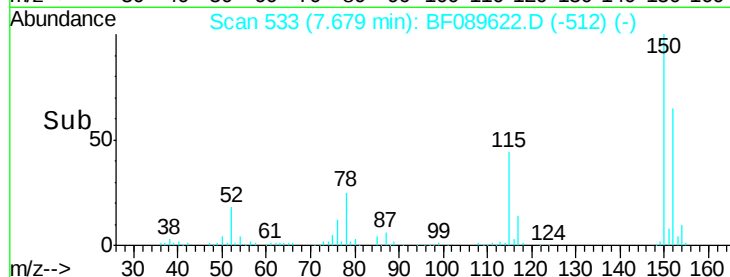
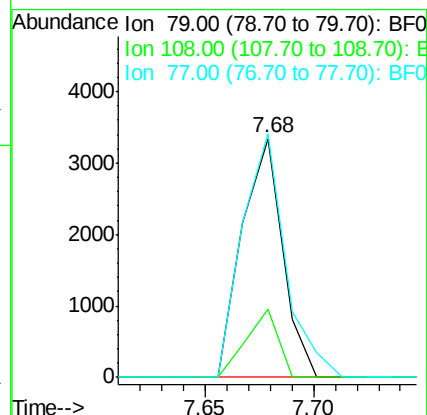
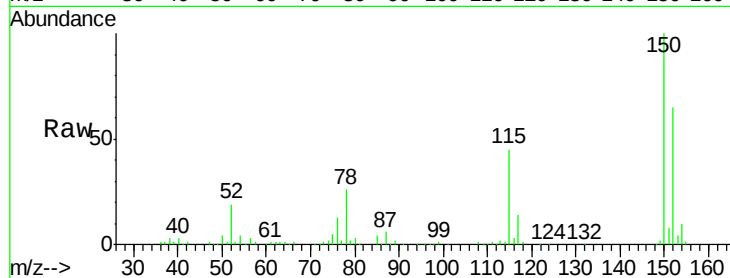
Tot Ion: 79 Resp: 4328

Ion Ratio Lower Upper

79 100

108 28.6 58.3 87.5#

77 102.0 48.7 73.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.94 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Tgt Ion: 70 Resp: 34585

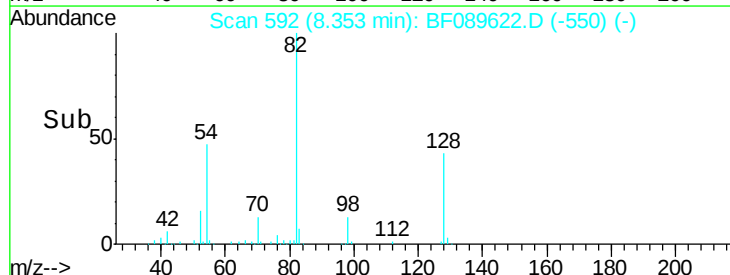
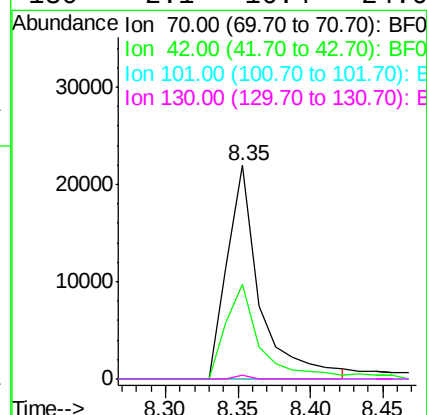
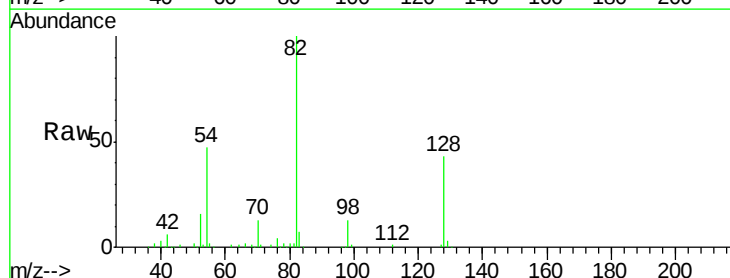
Ion Ratio Lower Upper

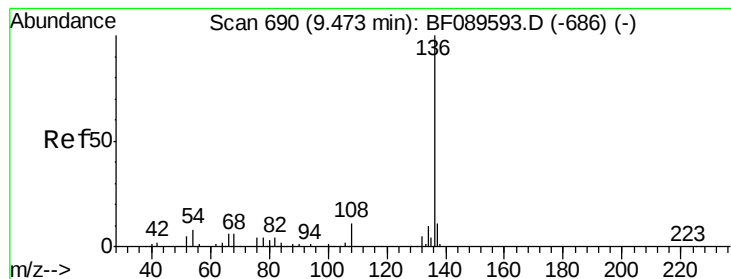
70 100

42 44.3 40.2 60.2

101 0.0 7.8 11.6#

130 2.1 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

Tot Ion:136 Resp: 182402

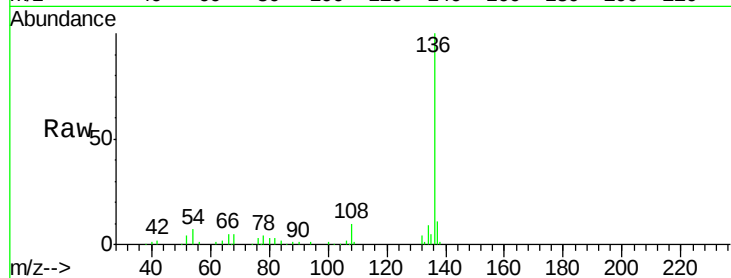
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.5 6.0 9.0

68 5.2 4.6 6.8

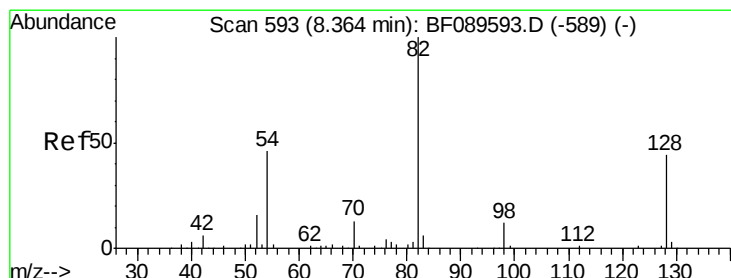
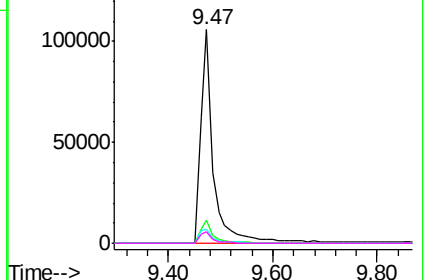
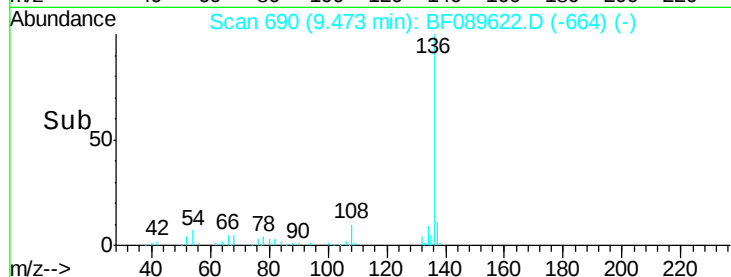


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.74 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

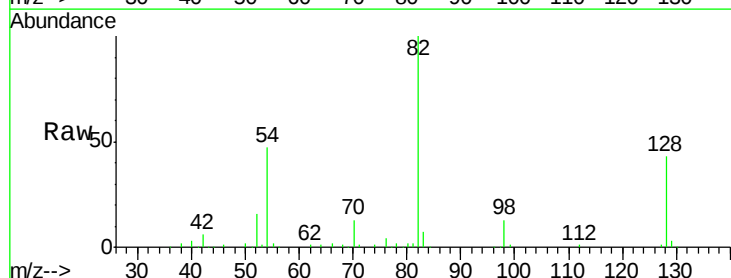
Tgt Ion: 82 Resp: 292647

Ion Ratio Lower Upper

82 100

128 43.5 35.4 53.0

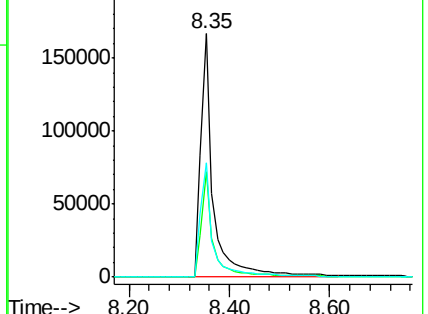
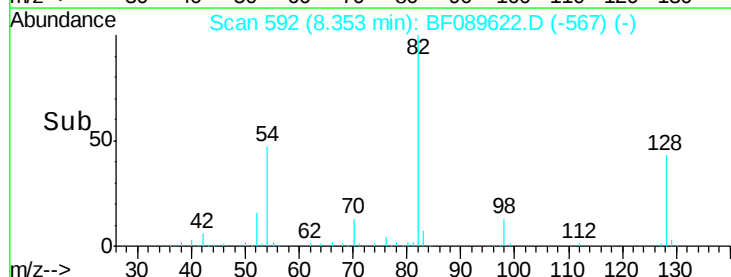
54 46.9 36.4 54.6

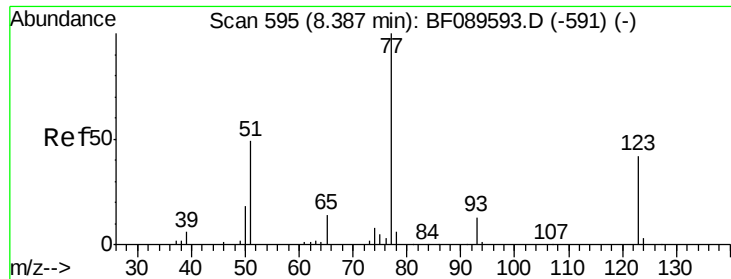


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.19 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

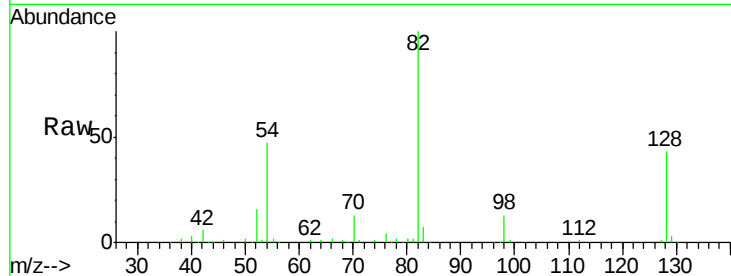
Tot Ion: 77 Resp: 583

Ion Ratio Lower Upper

77 100

123 0.0 32.6 49.0#

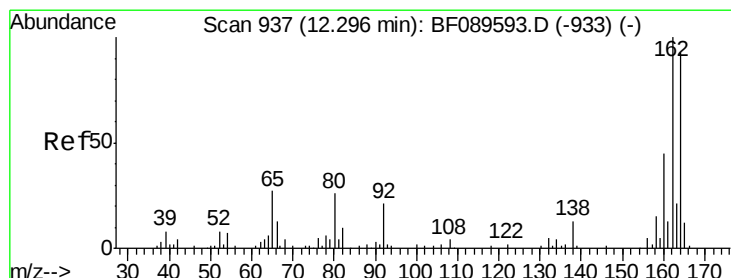
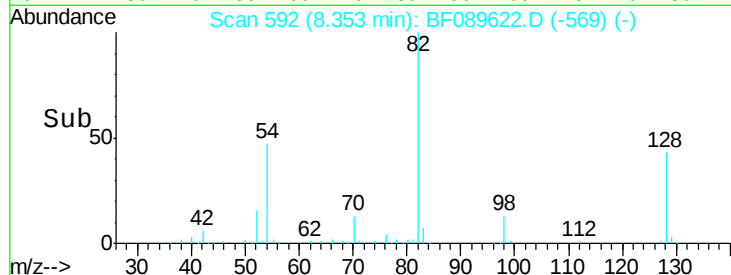
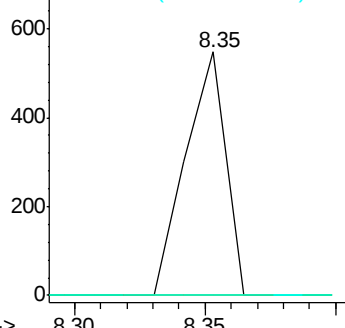
65 0.0 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

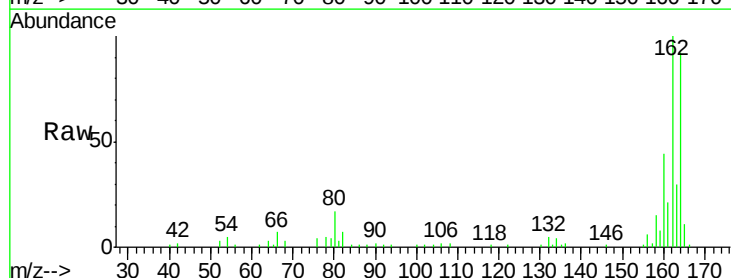
Tgt Ion:164 Resp: 89371

Ion Ratio Lower Upper

164 100

162 108.2 85.7 128.5

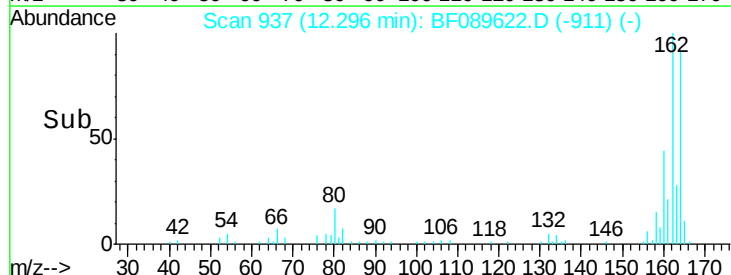
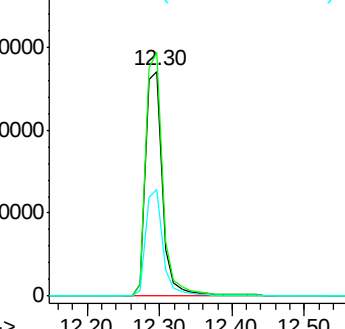
160 47.4 38.2 57.4

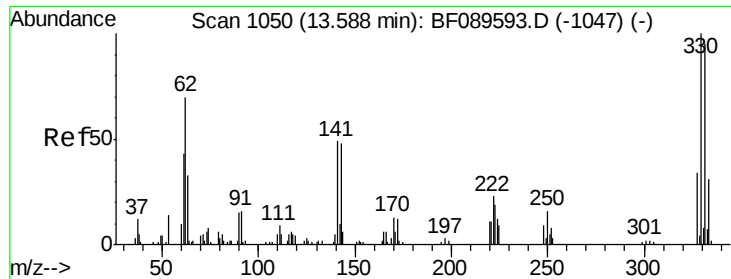


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

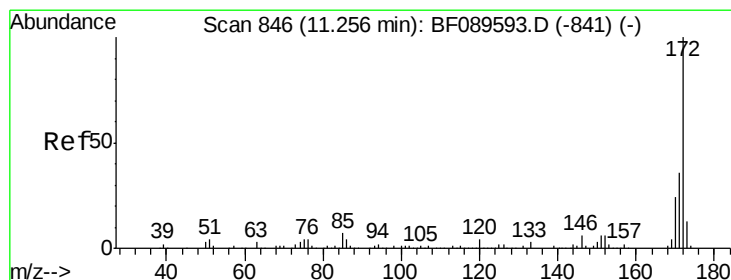
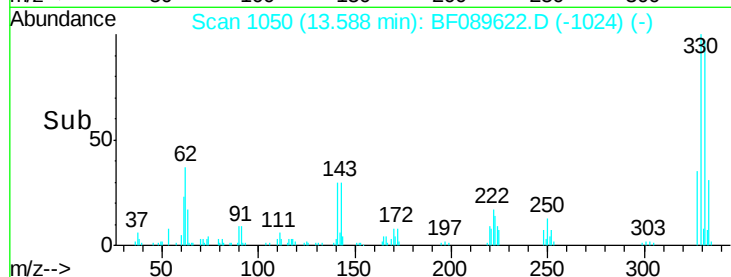
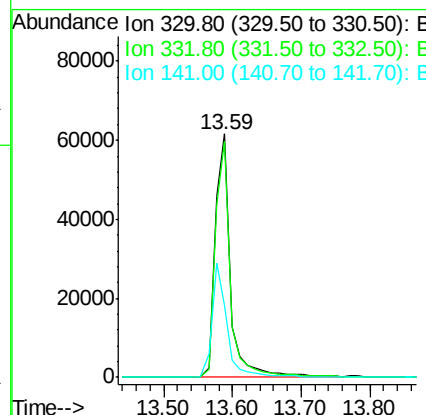
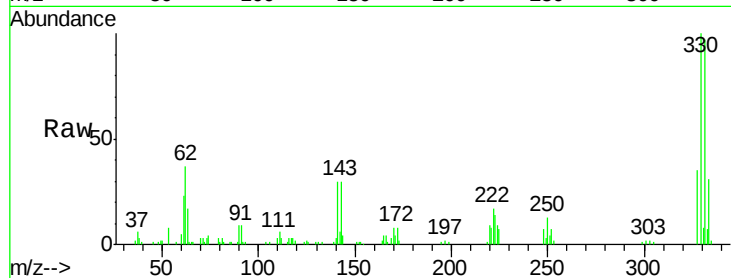




#41
 2,4,6-Tribromophenol
 Concen: 131.10 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

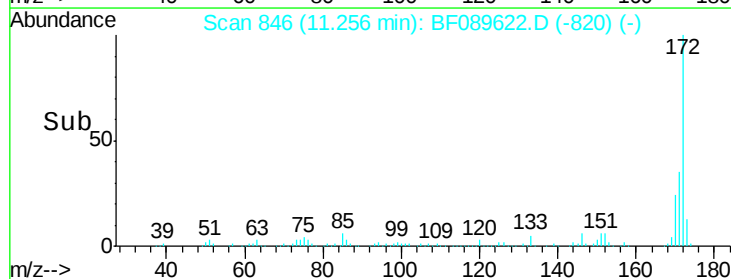
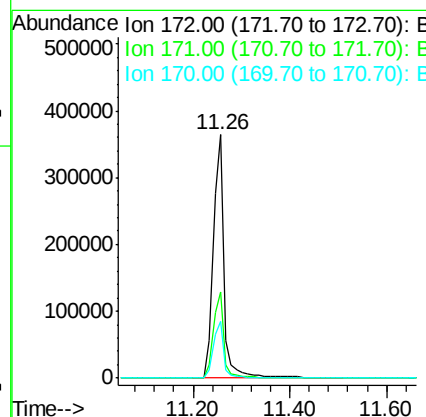
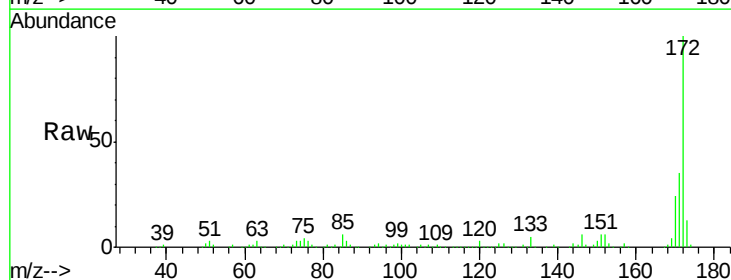
Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

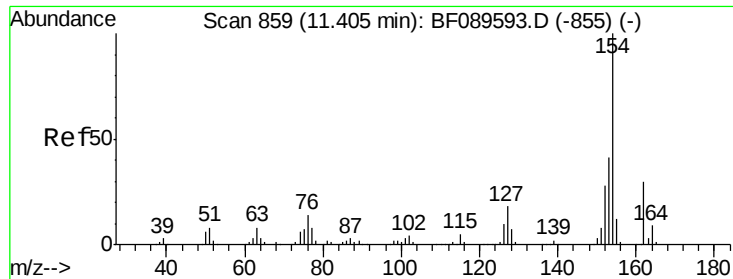
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	45.7	38.6	57.8



#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.5	19.0	28.6

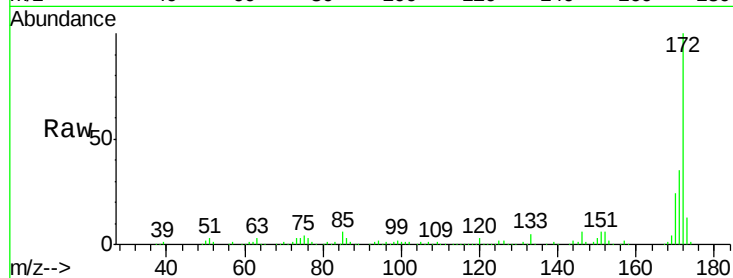




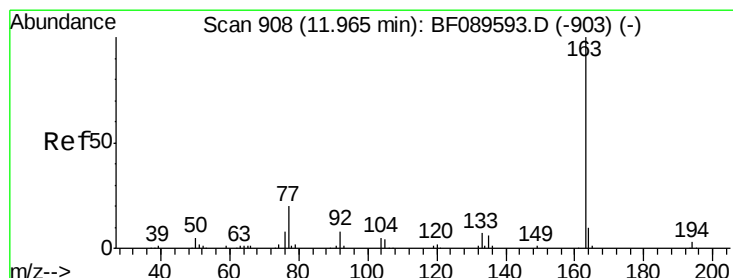
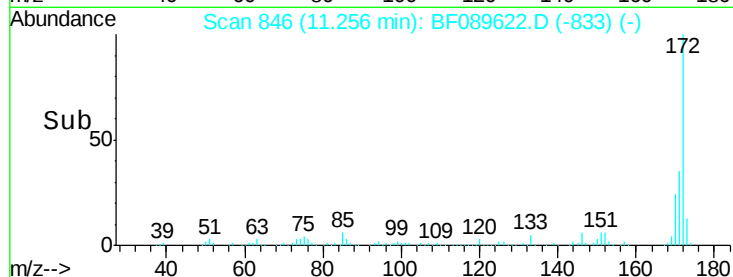
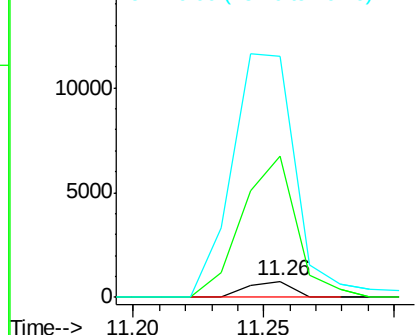
#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.15 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tot Ion:154 Resp: 910
Ion Ratio Lower Upper
154 100
153 893.1 20.6 60.6#
76 1533.0 0.0 33.7#

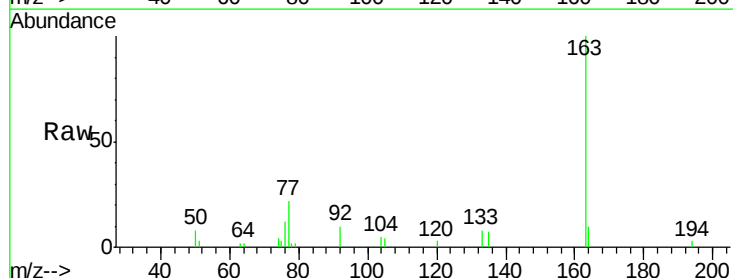


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

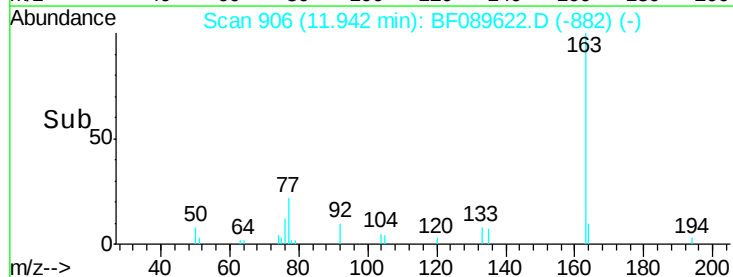
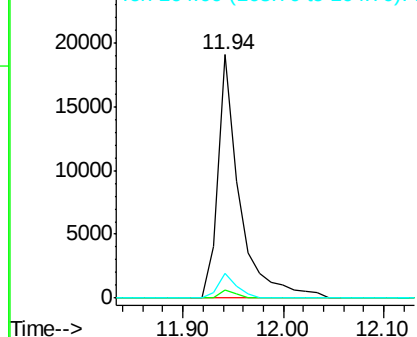


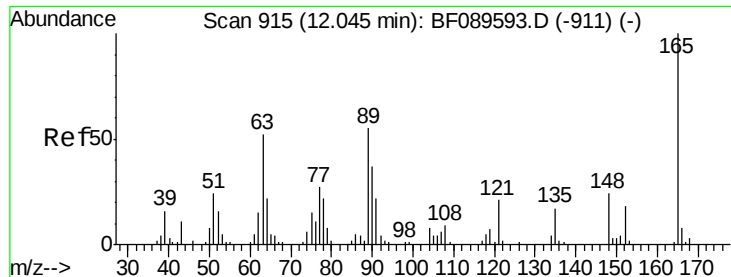
#49
Dimethylphthalate
Concen: 4.08 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:163 Resp: 28551
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

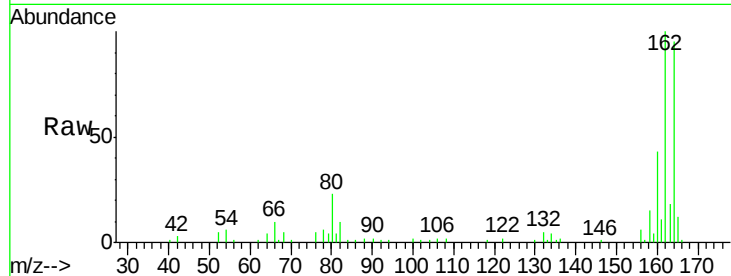




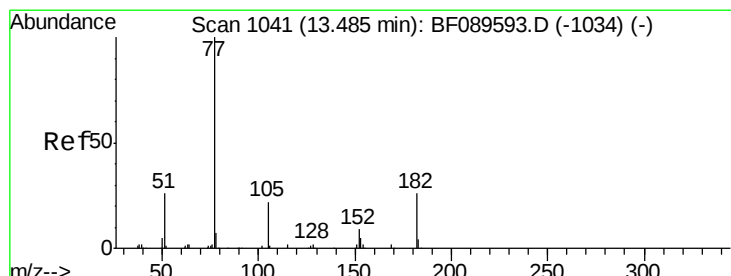
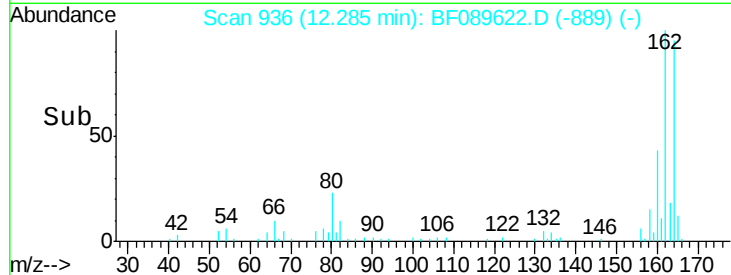
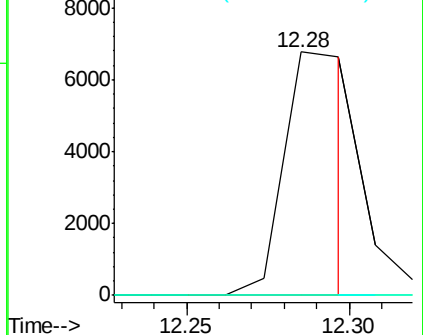
#50
 2,6-Dinitrotoluene
 Concen: 6.85 ng
 RT: 12.28 min Scan# 936
 Delta R.T. 0.24 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

Instrument :
 BNA_F
 ClientSampleId :
 GW-60-7.5-12.5

Tot Ion:165 Resp: 9537
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.6 67.0#
 89 0.0 44.2 66.2#

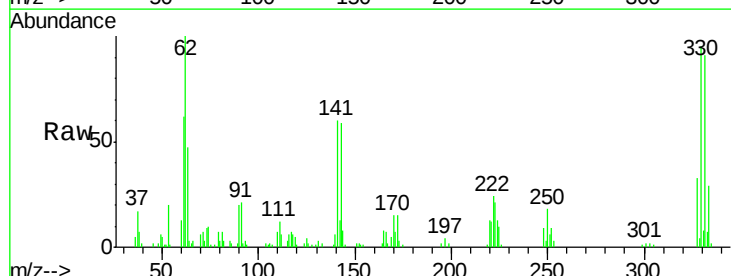


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

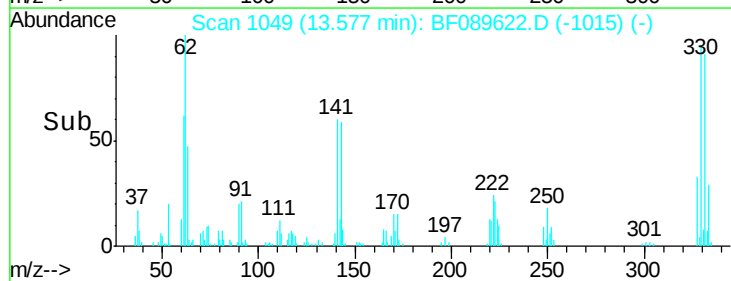
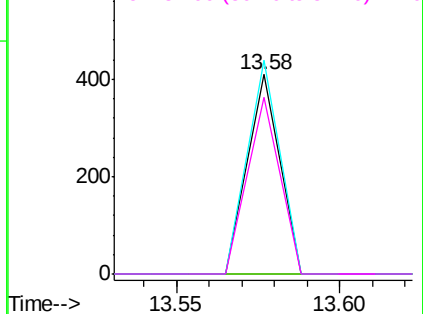


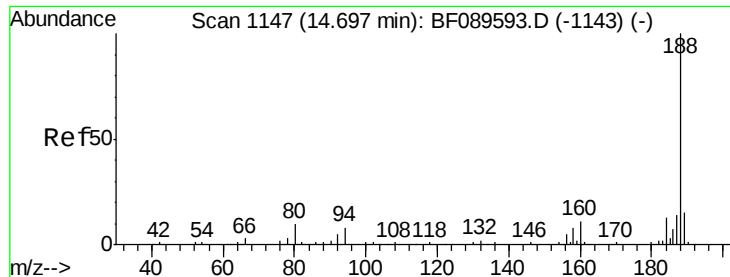
#62
 Azobenzene
 Concen: 0.04 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. 0.09 min
 Lab File: BF089622.D
 Acq: 5 Aug 2016 10:19

Tgt Ion: 77 Resp: 280
 Ion Ratio Lower Upper
 77 100
 182 0.0 5.8 45.8#
 105 107.3 2.9 42.9#
 51 89.0 7.2 47.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

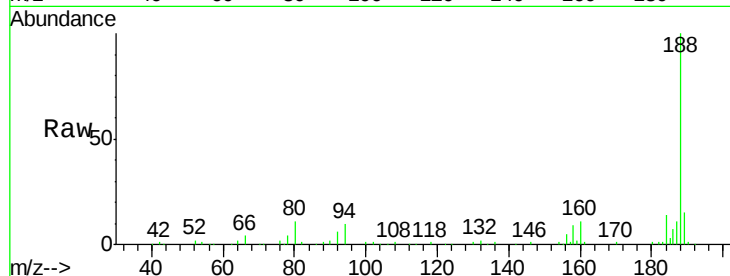
Tot Ion:188 Resp: 171046

Ion Ratio Lower Upper

188 100

94 9.8 6.5 9.7#

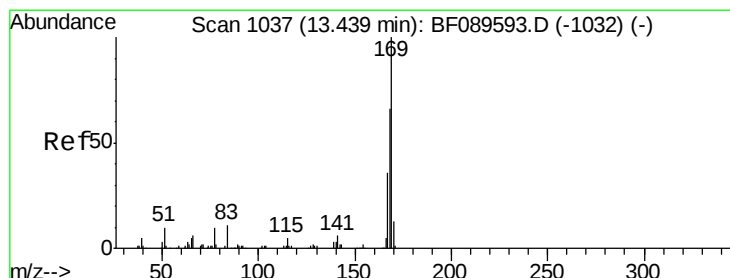
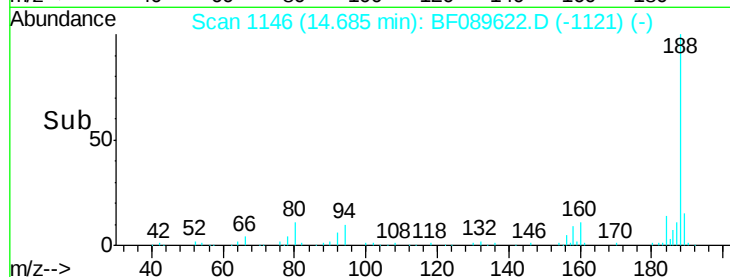
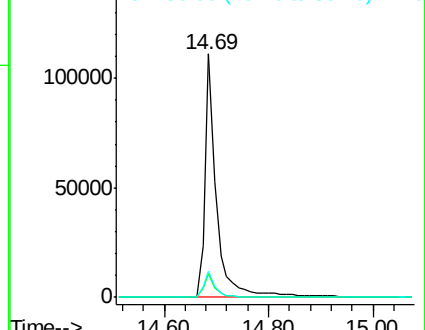
80 10.8 8.0 12.0



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



#65

n-Nitrosodiphenylamine

Concen: 0.62 ng

RT: 13.58 min Scan# 1049

Delta R.T. 0.14 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

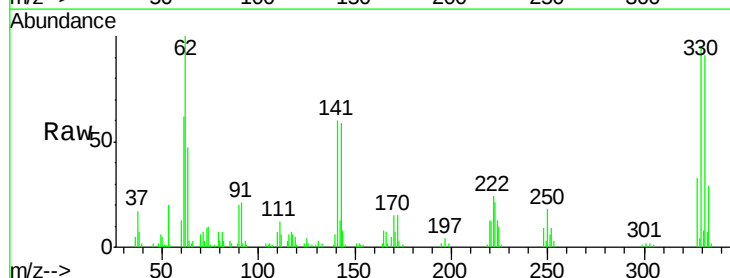
Tgt Ion:169 Resp: 3608

Ion Ratio Lower Upper

169 100

168 0.0 54.2 81.2#

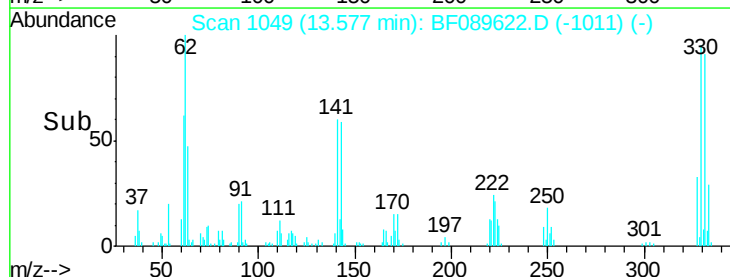
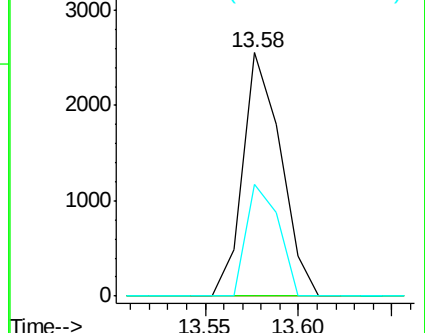
167 46.1 28.9 43.3#

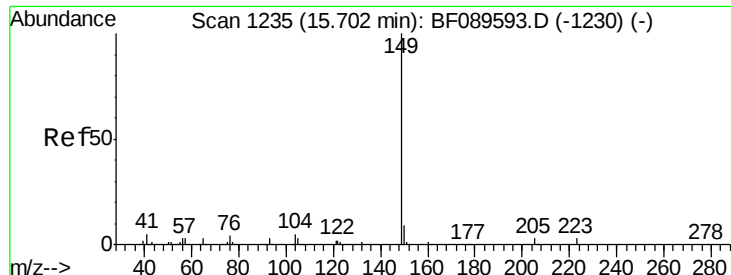


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

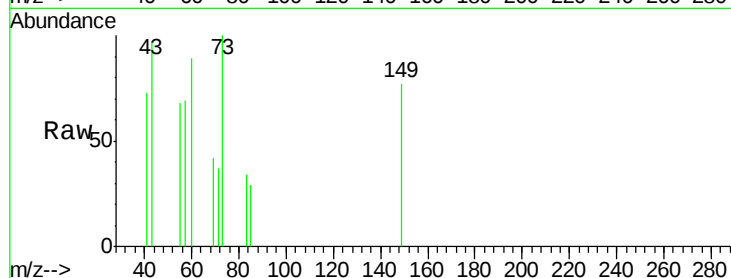
Tot Ion:149 Resp: 954

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

104 0.0 3.8 5.8#

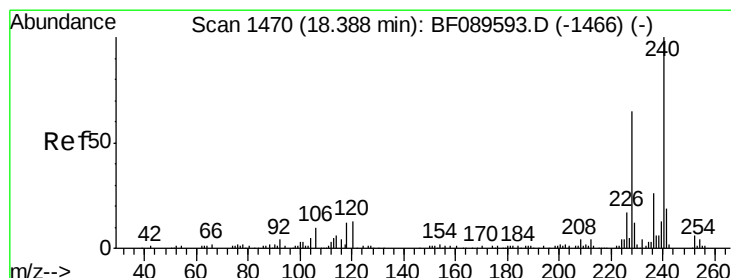
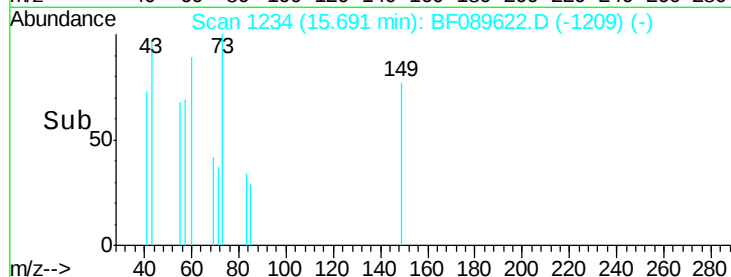
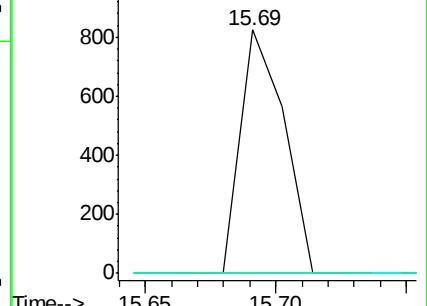


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

15.69



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.39 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

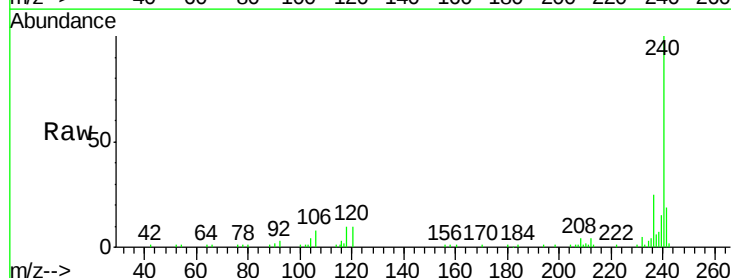
Tgt Ion:240 Resp: 112134

Ion Ratio Lower Upper

240 100

120 10.1 10.6 15.8#

236 25.1 20.6 30.8

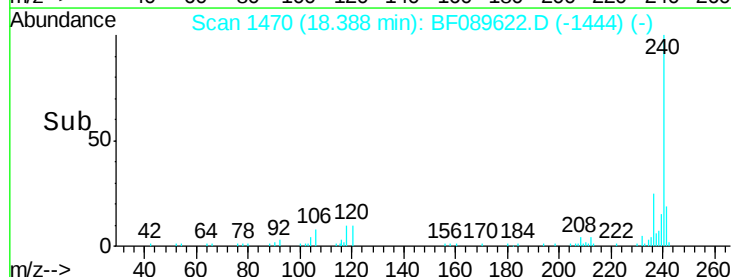
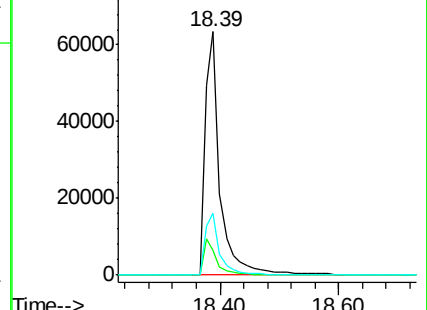


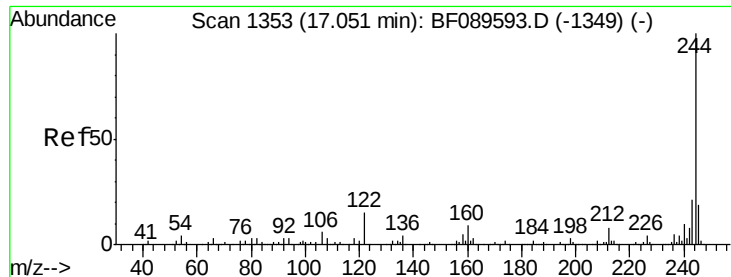
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

18.39





#78

Terphenyl-d14

Concen: 82.63 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

Instrument :

BNA_F

ClientSampleId :

GW-60-7.5-12.5

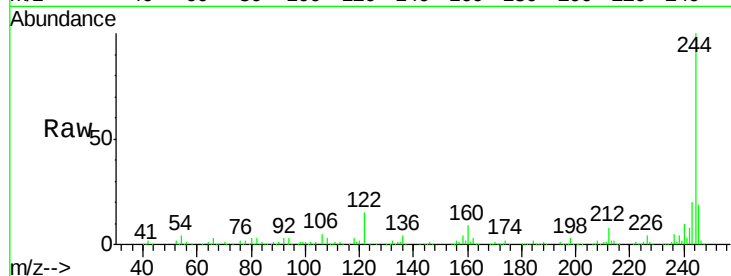
Tot Ion:244 Resp: 469381

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

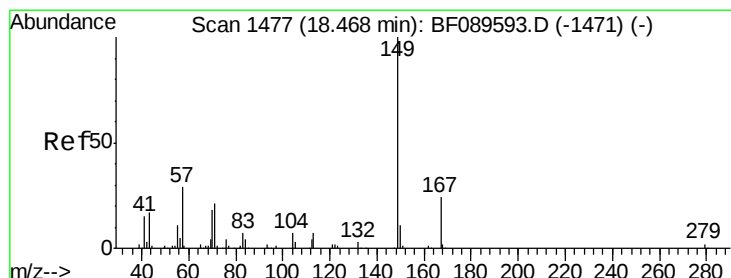
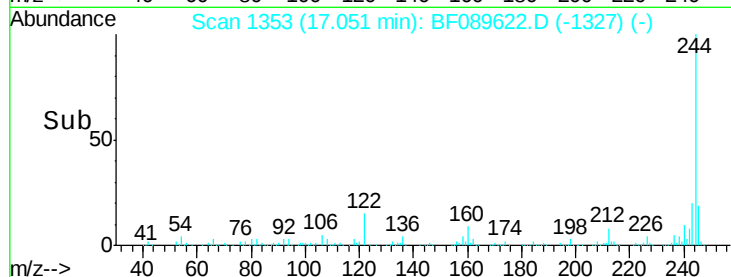
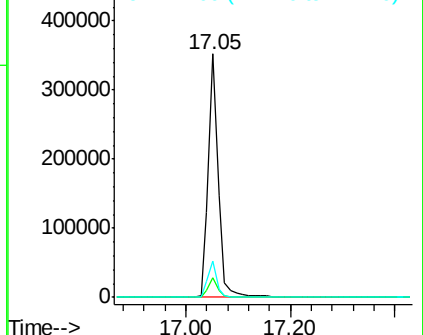
122 14.7 12.2 18.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089622.D

Acq: 5 Aug 2016 10:19

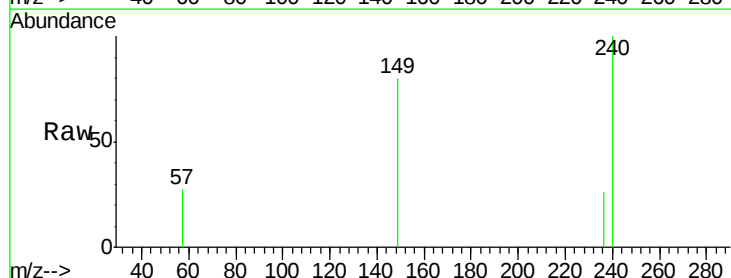
Tgt Ion:149 Resp: 935

Ion Ratio Lower Upper

149 100

167 0.0 19.0 28.4#

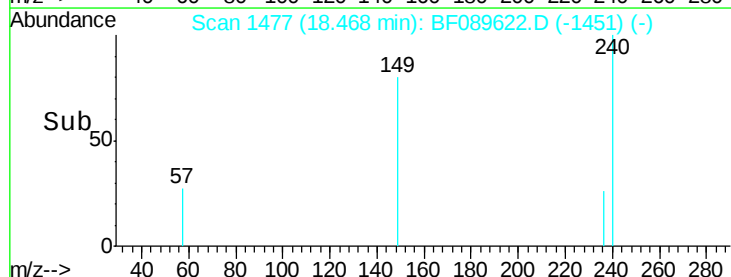
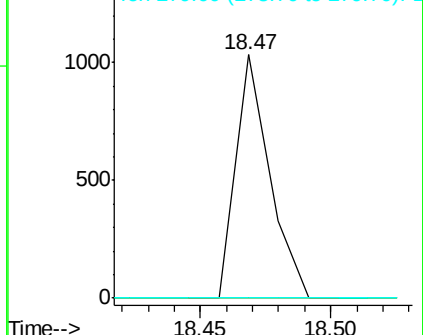
279 0.0 1.8 2.6#

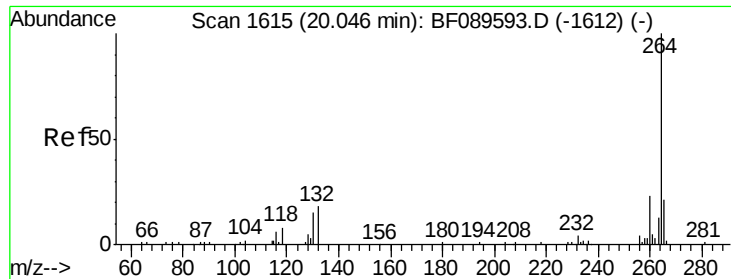


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



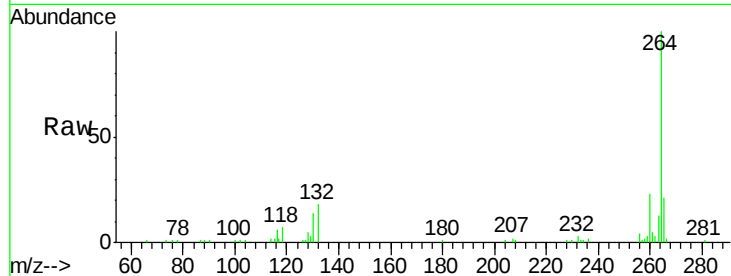


#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tot Ion:264 Resp: 81318

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.5	24.7



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

