

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089612.D
 Acq On : 5 Aug 2016 4:42
 Operator : UM/SJ
 Sample : H4288-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-62-8.0-15.0

Quant Time: Aug 05 05:40:50 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

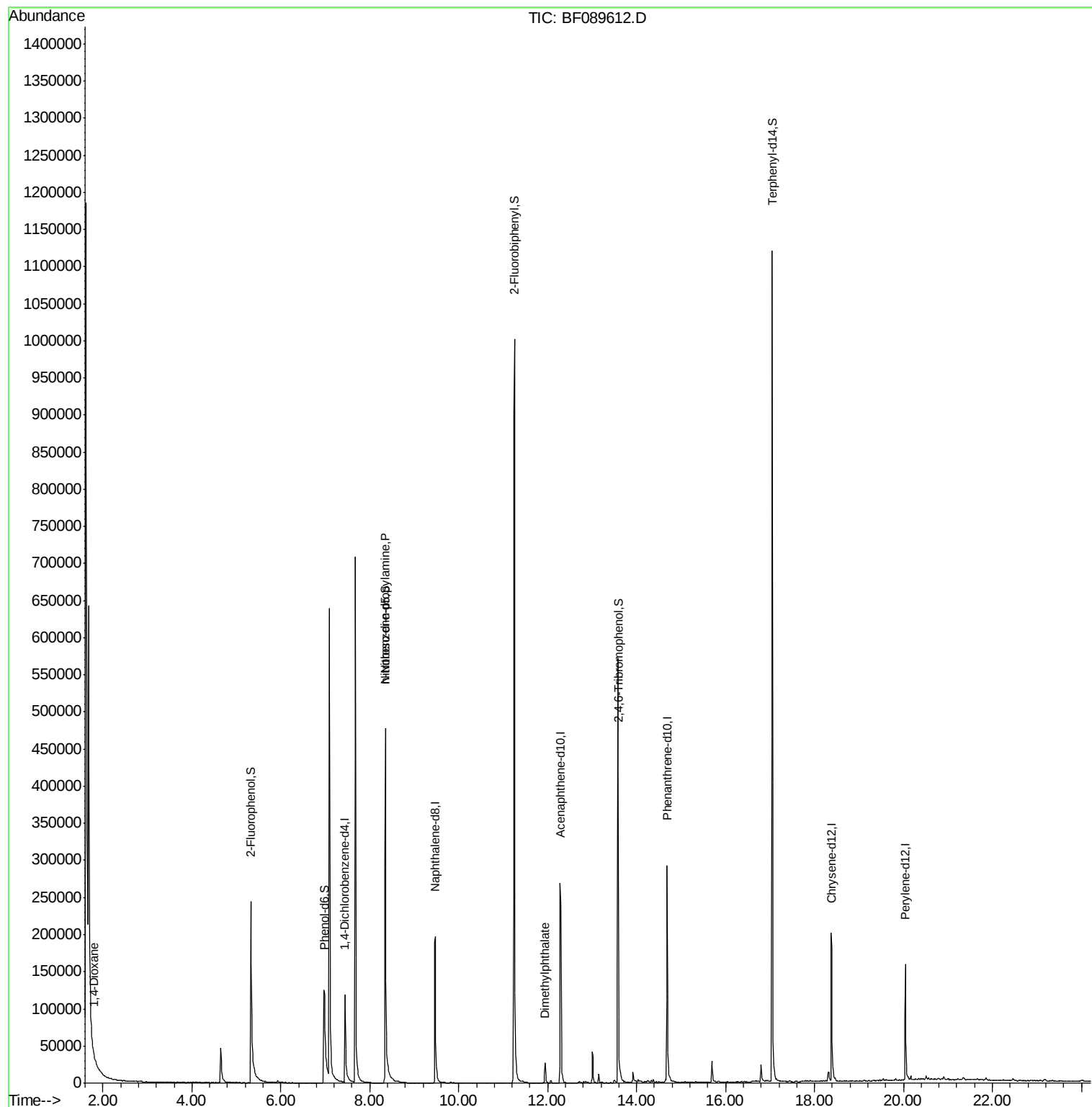
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	43223	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	187309	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	91201	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	177429	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	123125	20.00	ng	0.00
86) Perylene-d12	20.05	264	84312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	158969	61.64	ng	0.01
7) Phenol-d6	6.98	99	146882	41.99	ng	0.00
23) Nitrobenzene-d5	8.35	82	297674	87.90	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	99213	131.82	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	577944	82.36	ng	0.00
78) Terphenyl-d14	17.05	244	465746	74.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.79	88	4099	2.77	ng	# 1
19) n-Nitroso-di-n-propylamine	8.35	70	34901	13.81	ng	# 80
49) Dimethylphthalate	11.94	163	20344	2.85	ng	96

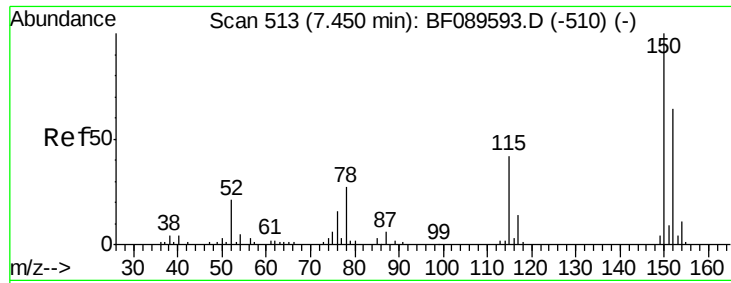
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089612.D

Acq: 5 Aug 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-62-8.0-15.0

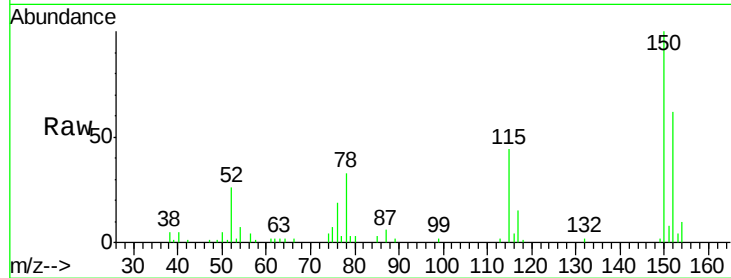
Tgt Ion: 152 Resp: 43223

Ion Ratio Lower Upper

152 100

150 160.2 125.5 188.3

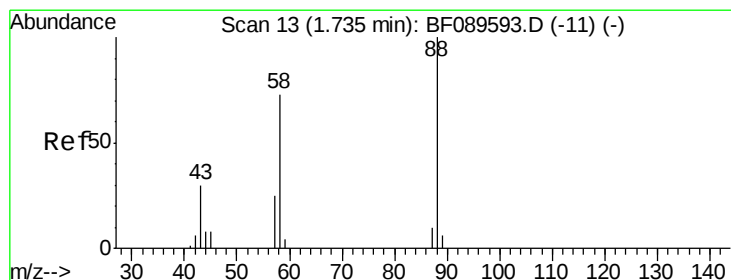
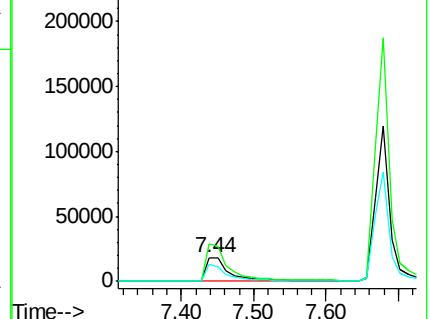
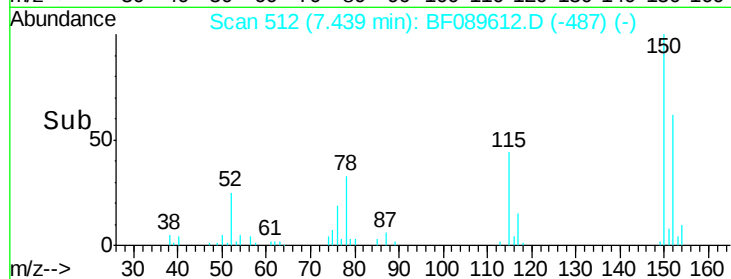
115 71.3 52.0 78.0



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



#2

1,4-Dioxane

Concen: 2.77 ng

RT: 1.79 min Scan# 18

Delta R.T. 0.06 min

Lab File: BF089612.D

Acq: 5 Aug 2016 4:42

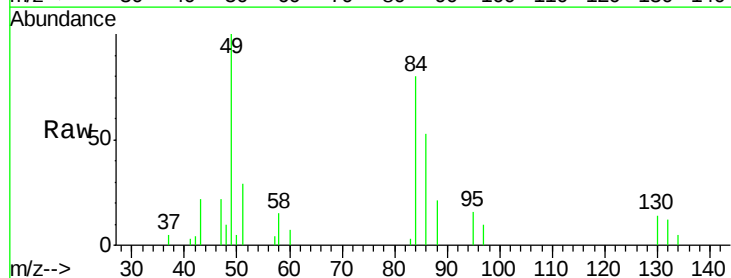
Tgt Ion: 88 Resp: 4099

Ion Ratio Lower Upper

88 100

58 173.9 49.8 74.8#

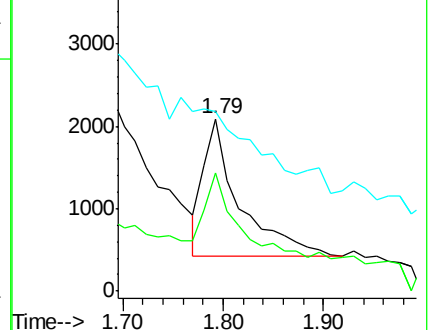
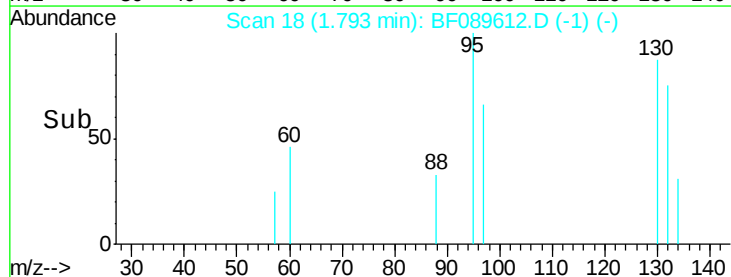
43 0.0 20.1 30.1#

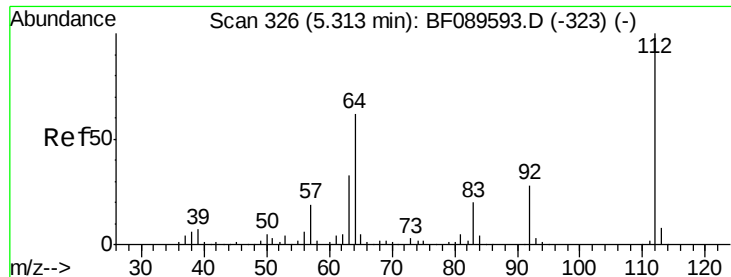


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

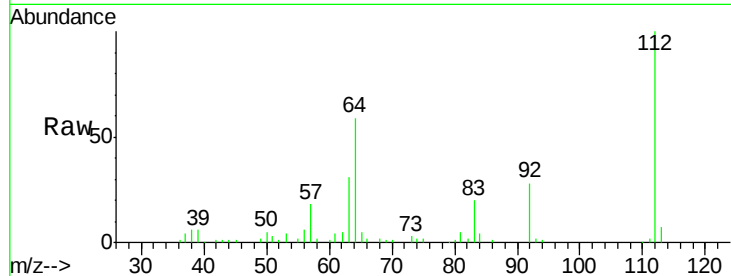




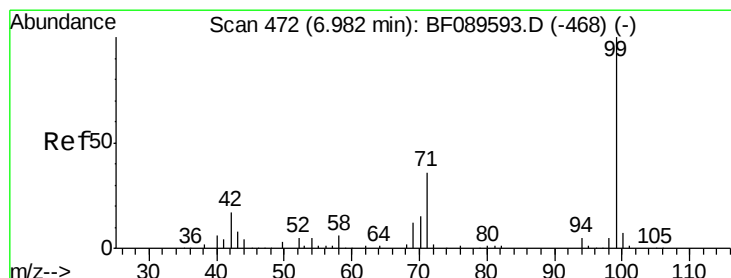
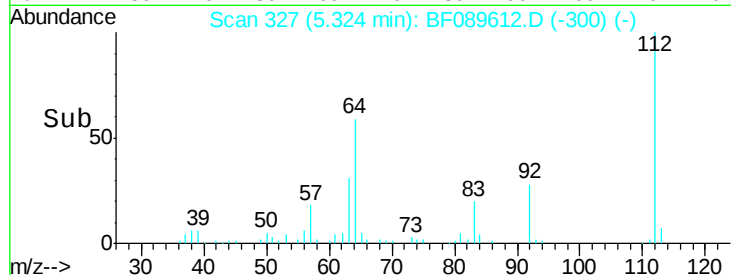
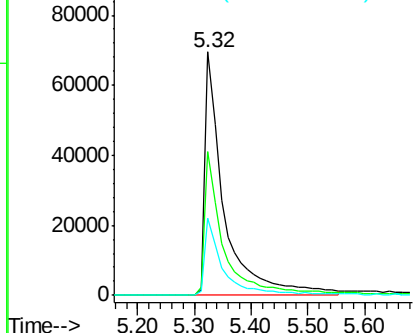
#5
 2-Fluorophenol
 Concen: 61.64 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: BF089612.D
 Acq: 5 Aug 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-62-8.0-15.0

Tgt Ion:	112	Resp:	158969
Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.9	74.9
63	31.5	26.1	39.1

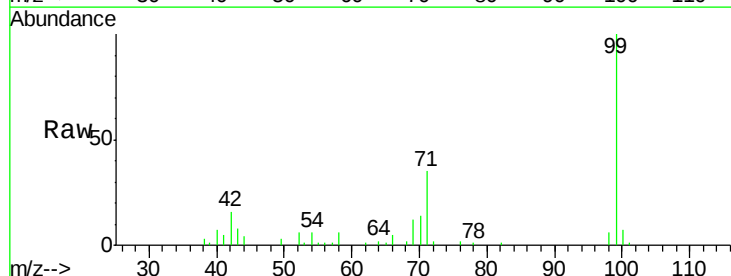


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

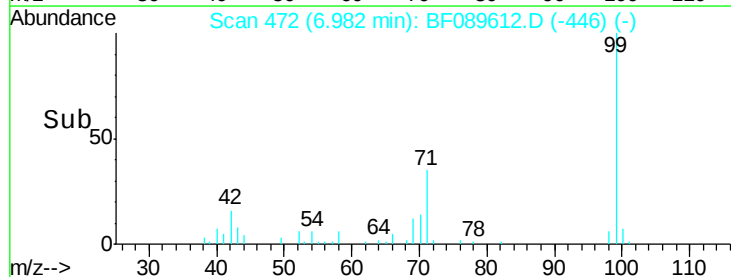
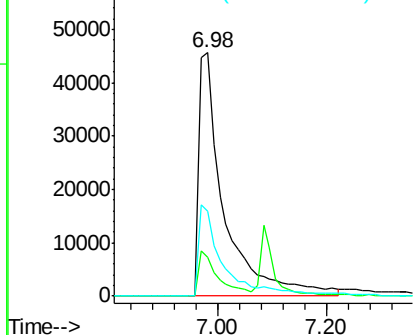


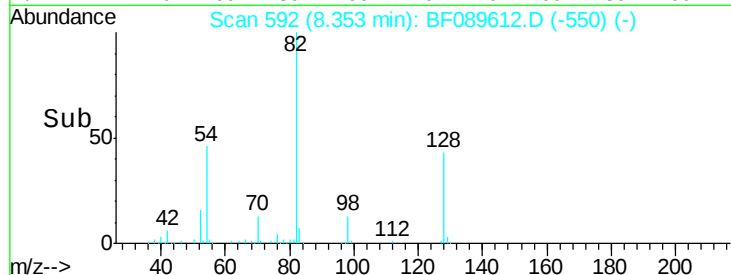
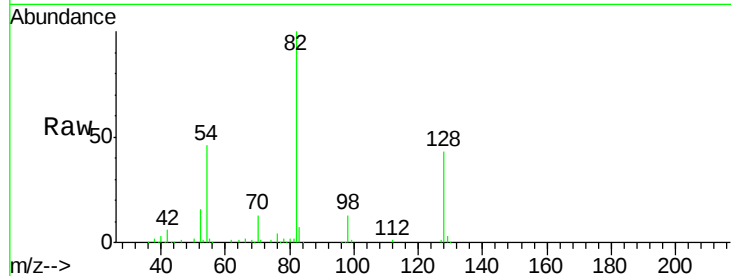
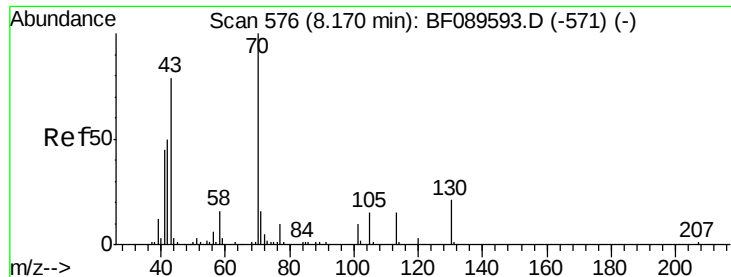
#7
 Phenol-d6
 Concen: 41.99 ng
 RT: 6.98 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF089612.D
 Acq: 5 Aug 2016 4:42

Tgt Ion:	99	Resp:	146882
Ion	Ratio	Lower	Upper
99	100		
42	16.0	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





#19

n-Nitroso-di-n-propylamine

Concen: 13.81 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089612.D

Acq: 5 Aug 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-62-8.0-15.0

Tgt Ion: 70 Resp: 34901

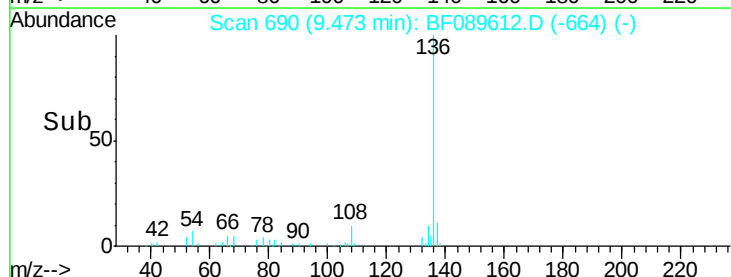
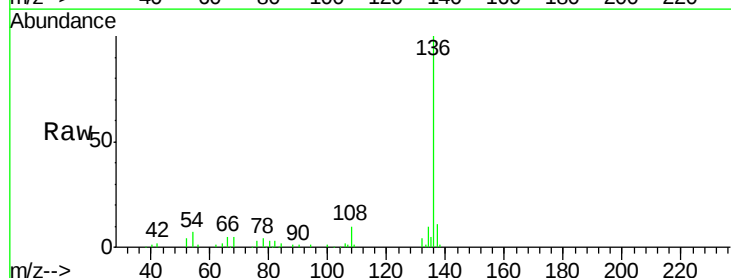
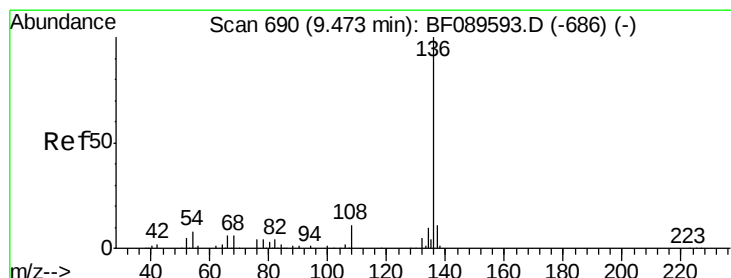
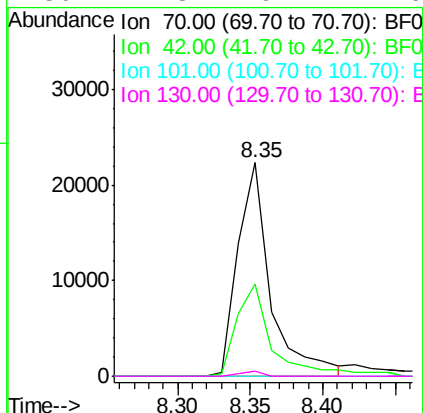
Ion Ratio Lower Upper

70 100

42 43.1 40.2 60.2

101 0.0 7.8 11.6#

130 2.3 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: BF089612.D

Acq: 5 Aug 2016 4:42

Tgt Ion: 136 Resp: 187309

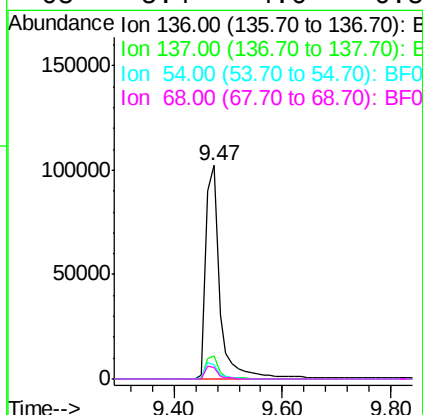
Ion Ratio Lower Upper

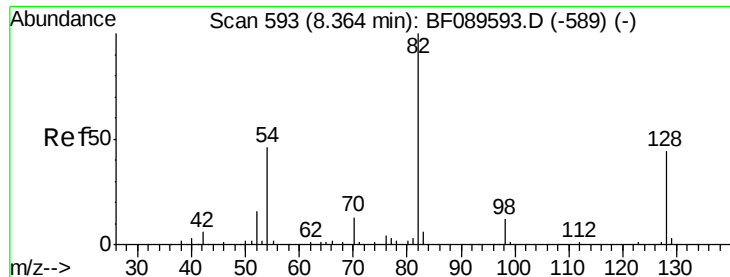
136 100

137 10.9 8.6 12.8

54 6.6 6.0 9.0

68 5.4 4.6 6.8

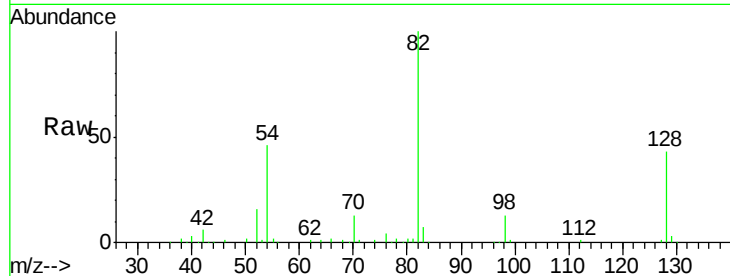




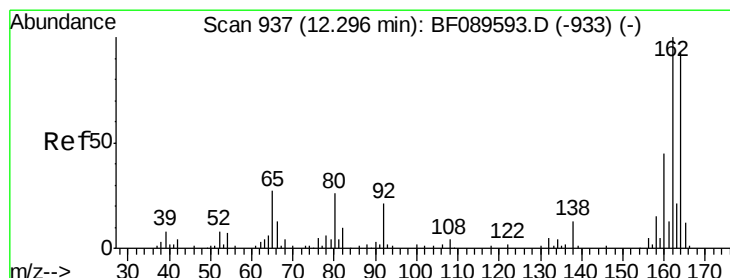
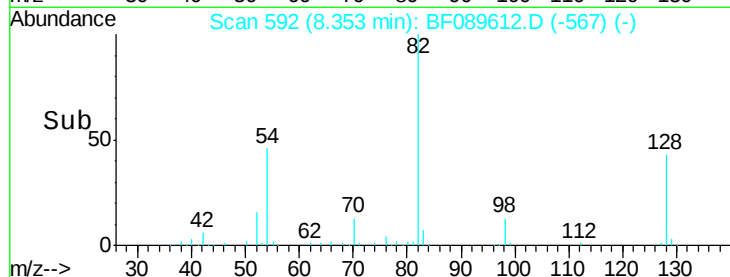
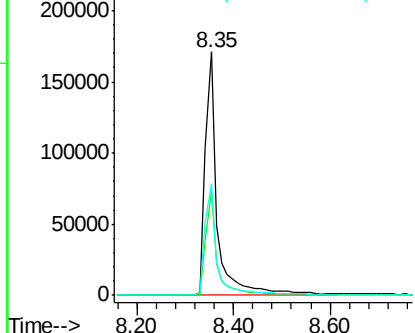
#23
 Nitrobenzene-d5
 Concen: 87.90 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089612.D
 Acq: 5 Aug 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-62-8.0-15.0

Tgt Ion: 82 Resp: 297674
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.4 53.0
 54 45.8 36.4 54.6

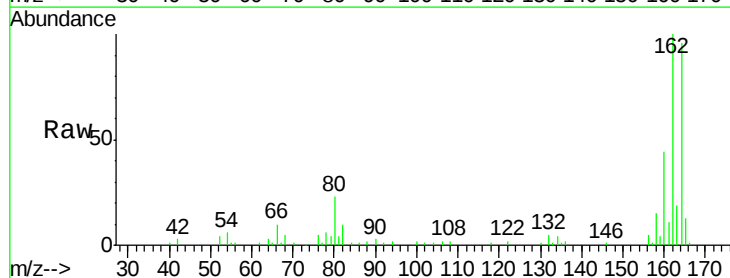


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

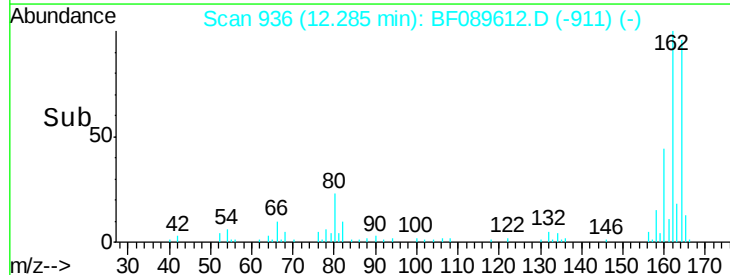
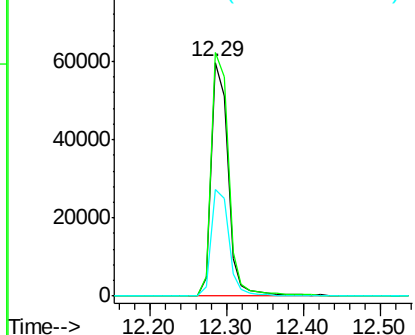


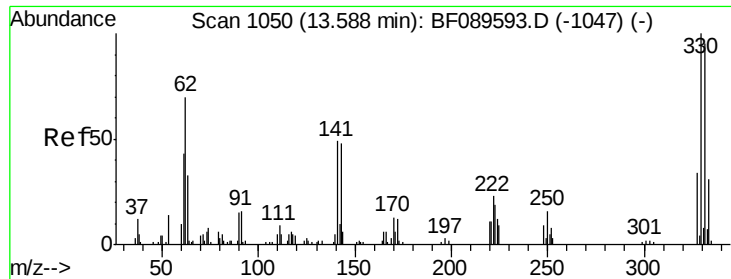
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089612.D
 Acq: 5 Aug 2016 4:42

Tgt Ion: 164 Resp: 91201
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.7 128.5
 160 45.4 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

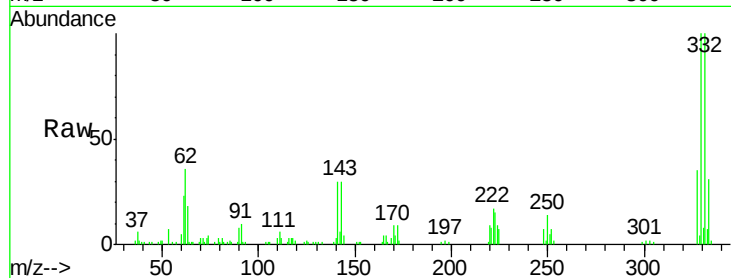




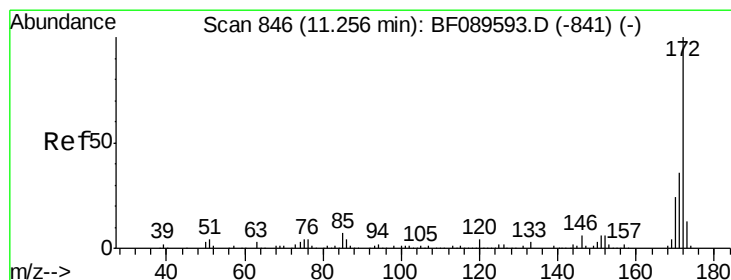
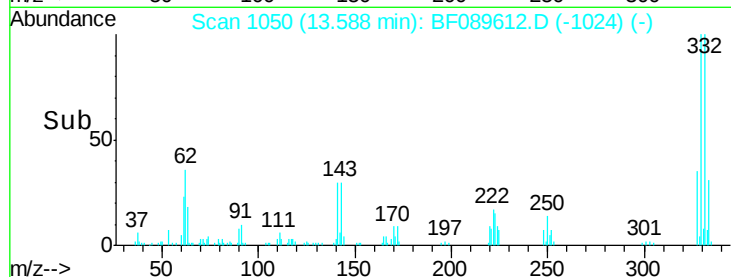
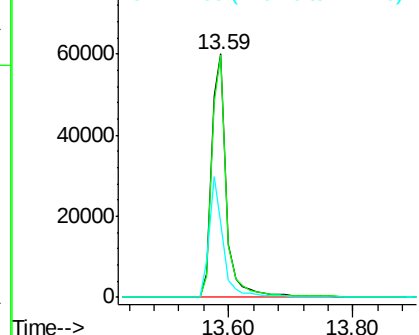
#41
 2,4,6-Tribromophenol
 Concen: 131.82 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089612.D
 Acq: 5 Aug 2016 4:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-62-8.0-15.0

Tgt Ion:330 Resp: 99213
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 46.8 38.6 57.8

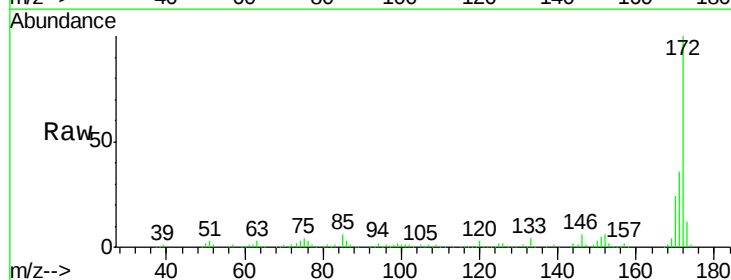


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

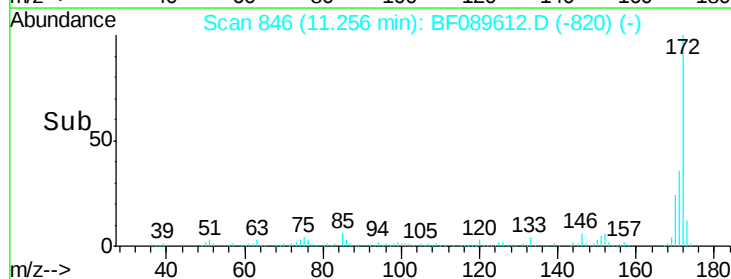
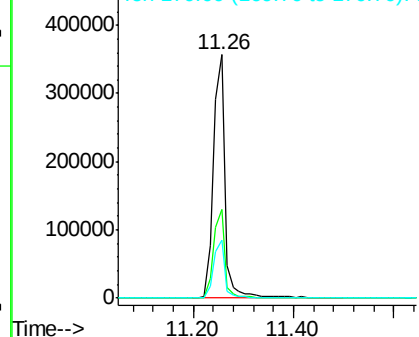


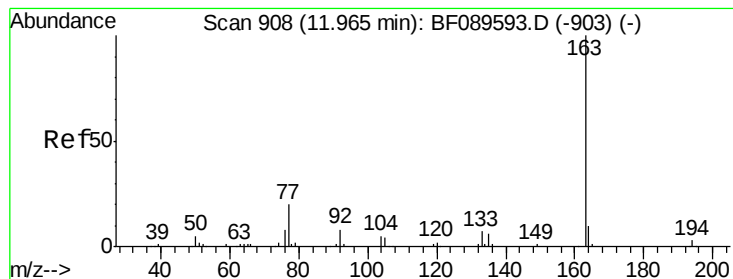
#44
 2-Fluorobiphenyl
 Concen: 82.36 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089612.D
 Acq: 5 Aug 2016 4:42

Tgt Ion:172 Resp: 577944
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 23.8 19.0 28.6



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: 2.85 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089612.D

Acq: 5 Aug 2016 4:42

Instrument :

BNA_F

ClientSampleId :

GW-62-8.0-15.0

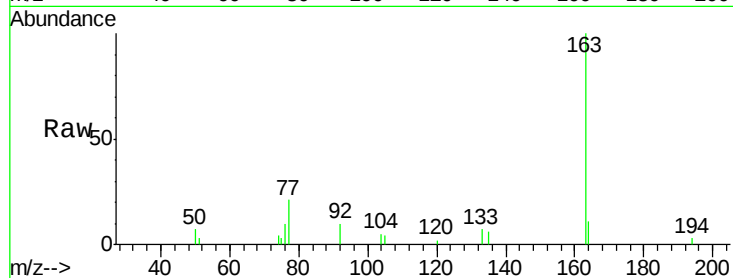
Tgt Ion:163 Resp: 20344

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

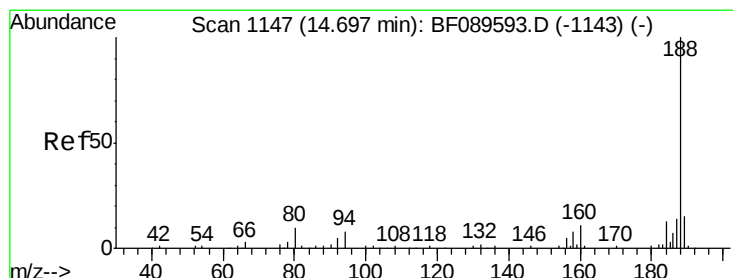
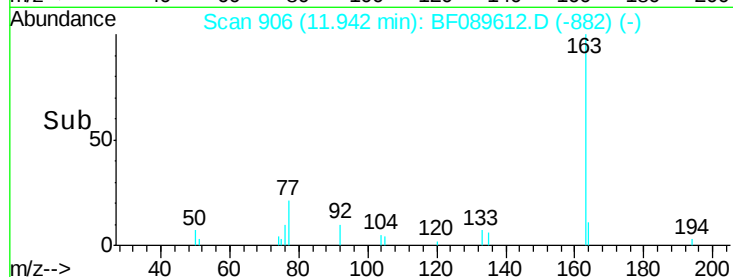
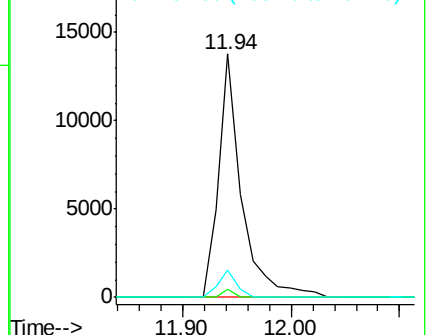
164 11.4 7.8 11.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089612.D

Acq: 5 Aug 2016 4:42

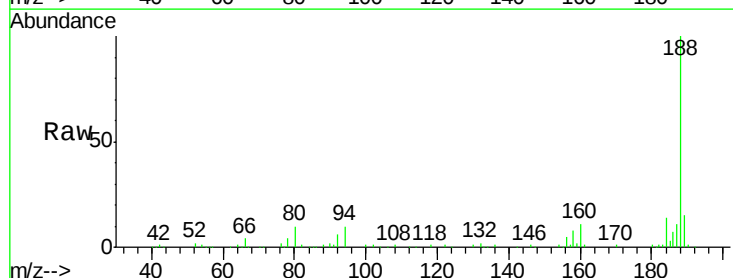
Tgt Ion:188 Resp: 177429

Ion Ratio Lower Upper

188 100

94 9.6 6.5 9.7

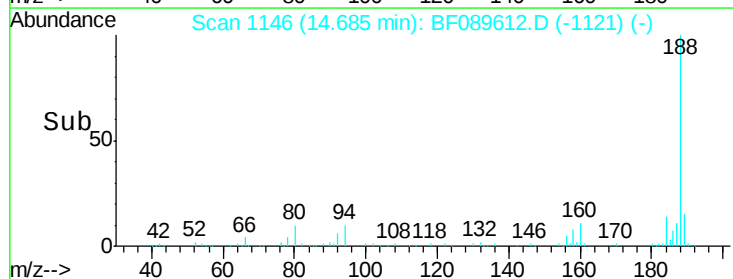
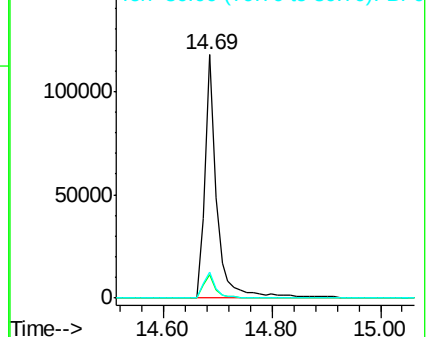
80 10.5 8.0 12.0

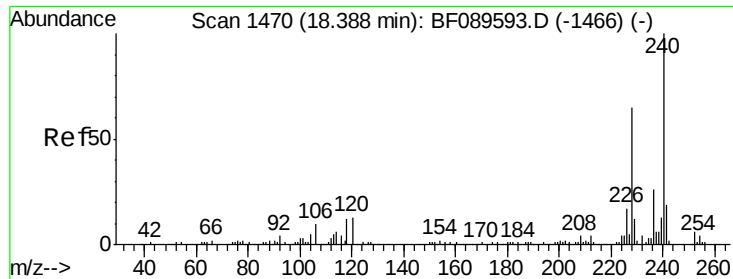


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

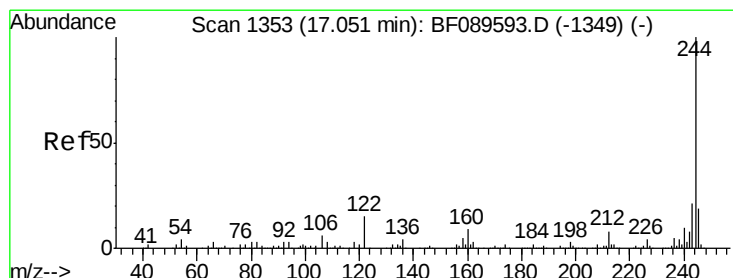
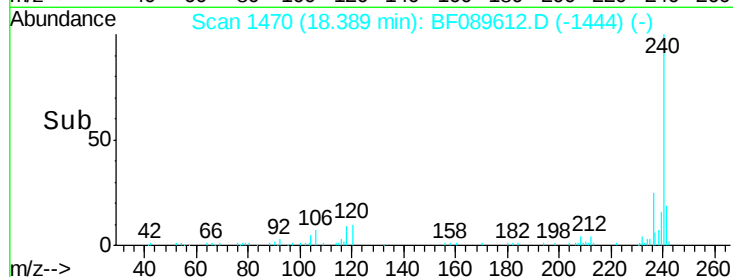
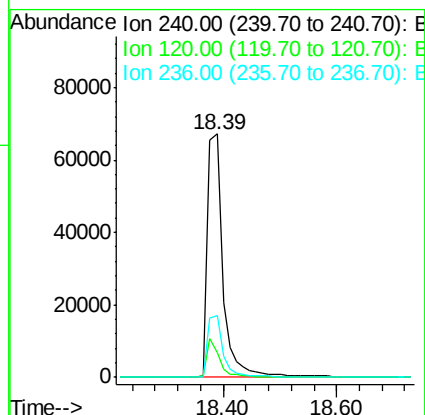
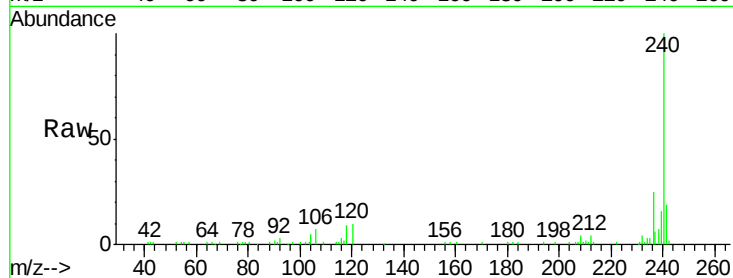




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089612.D
Acq: 5 Aug 2016 4:42

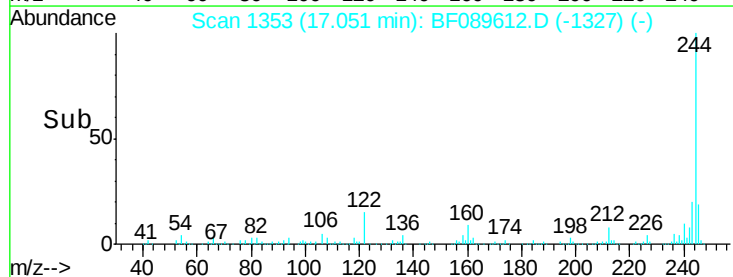
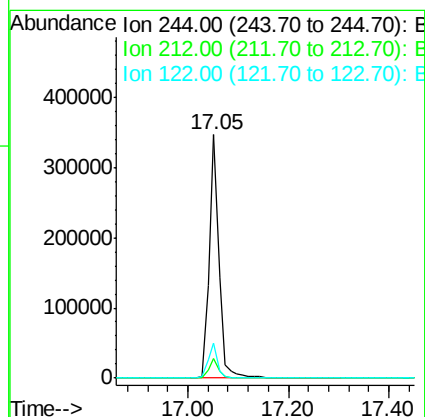
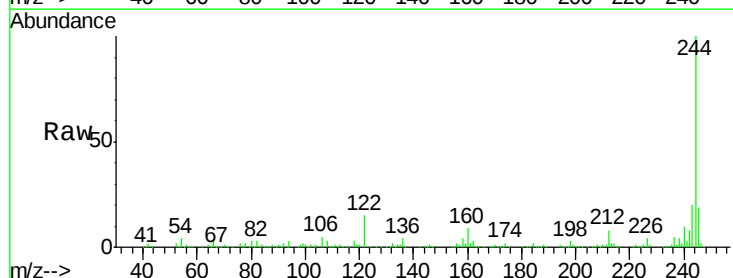
Instrument :
BNA_F
ClientSampleId :
GW-62-8.0-15.0

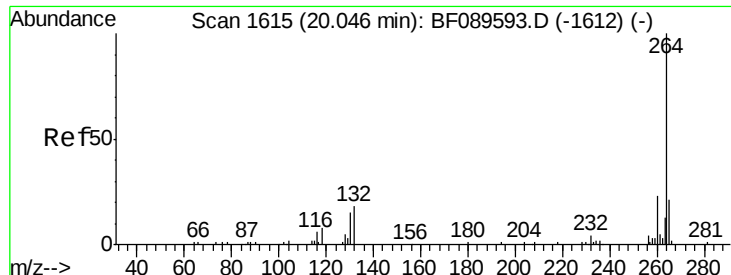
Tgt Ion:240 Resp: 123125
Ion Ratio Lower Upper
240 100
120 10.4 10.6 15.8#
236 25.2 20.6 30.8



#78
Terphenyl-d14
Concen: 74.68 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089612.D
Acq: 5 Aug 2016 4:42

Tgt Ion:244 Resp: 465746
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 14.6 12.2 18.2

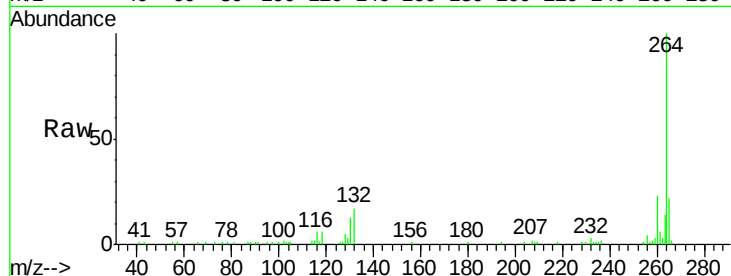




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089612.D
Acq: 5 Aug 2016 4:42

Instrument :
BNA_F
ClientSampleId :
GW-62-8.0-15.0

Tgt Ion: 264 Resp: 84312
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.6 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

