

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089615.D
 Acq On : 5 Aug 2016 6:23
 Operator : UM/SJ
 Sample : H4288-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-65-10.0-15.0

Quant Time: Aug 05 07:39:02 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

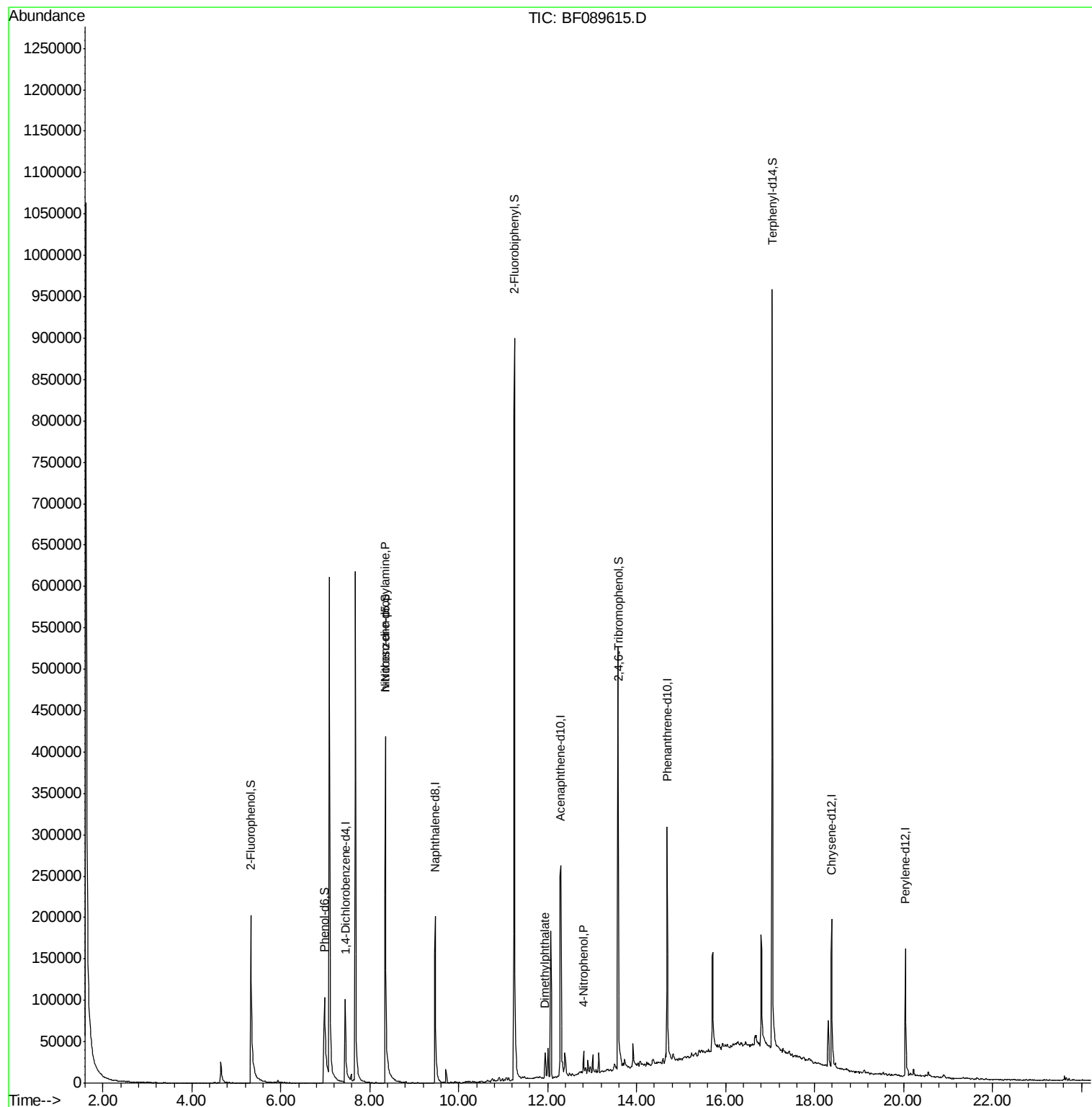
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42149	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	181479	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	87318	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	162901	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	99988	20.00	ng	0.00
86) Perylene-d12	20.05	264	77828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	139968	55.66	ng	0.01
7) Phenol-d6	6.98	99	127319	37.32	ng	0.00
23) Nitrobenzene-d5	8.35	82	265573	80.94	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	91476	126.95	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	511404	76.12	ng	0.00
78) Terphenyl-d14	17.05	244	362625	71.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	31614	12.83	ng	# 81
49) Dimethylphthalate	11.94	163	17570	2.57	ng	99
55) 4-Nitrophenol	12.81	139	315	6.98	ng	# 14

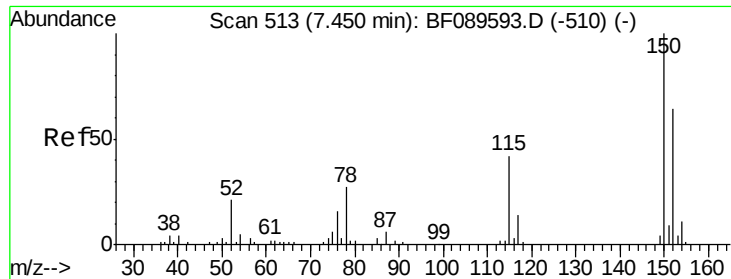
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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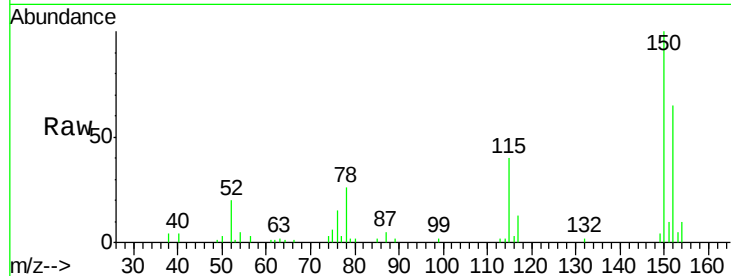




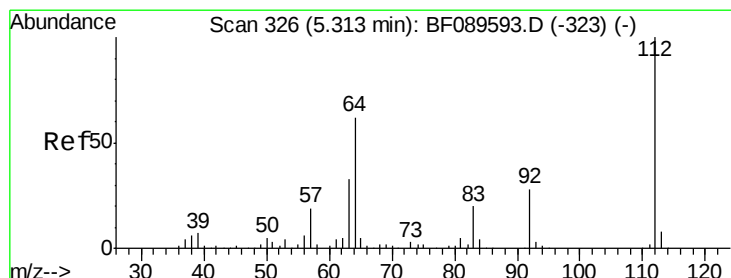
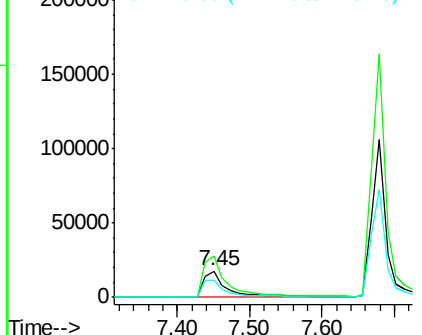
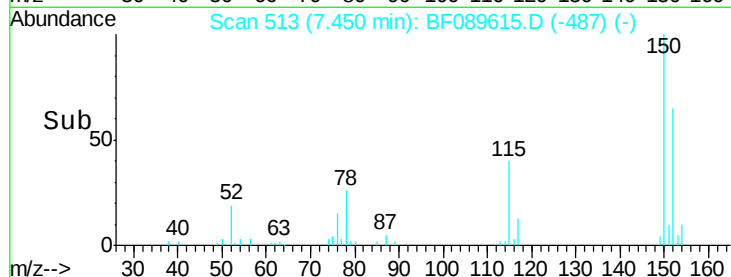
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 GW-65-10.0-15.0

Tgt Ion:152 Resp: 42149
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.5 188.3
 115 62.5 52.0 78.0

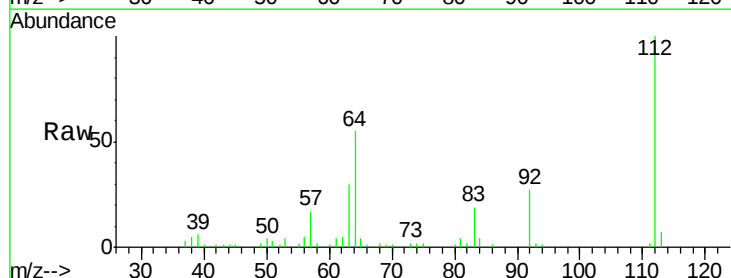


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

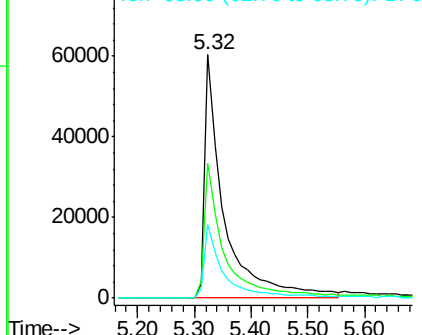
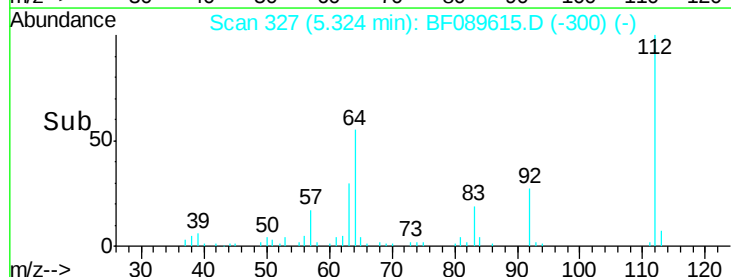


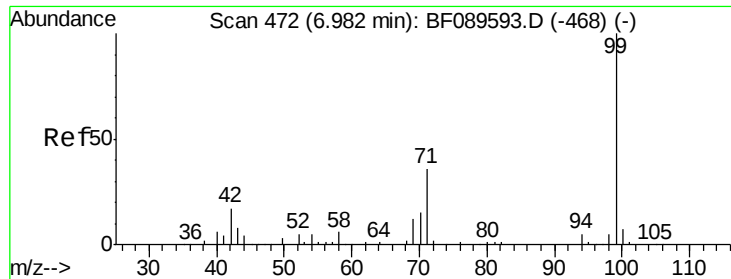
#5
 2-Fluorophenol
 Concen: 55.66 ng
 RT: 5.32 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: BF089615.D
 Acq: 5 Aug 2016 6:23

Tgt Ion:112 Resp: 139968
 Ion Ratio Lower Upper
 112 100
 64 55.3 49.9 74.9
 63 30.2 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: 37.32 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Instrument :

BNA_F

ClientSampleId :

GW-65-10.0-15.0

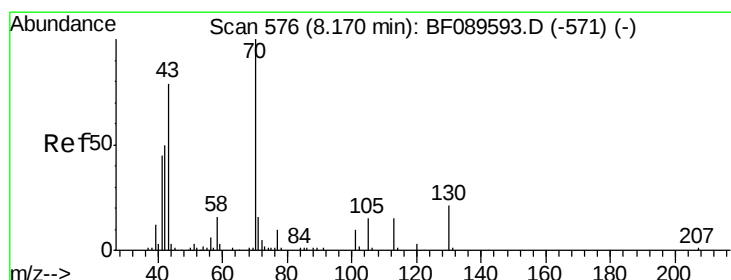
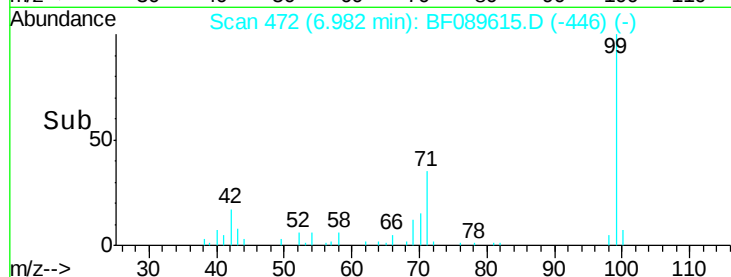
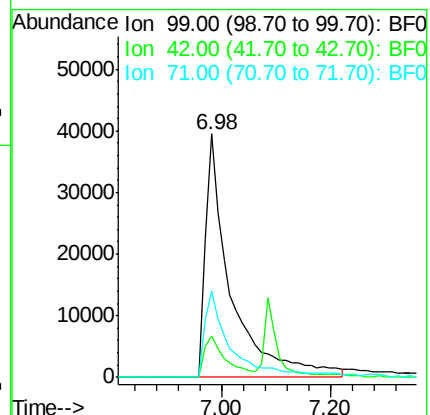
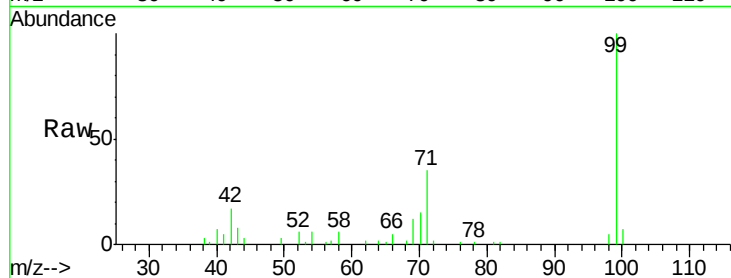
Tgt Ion: 99 Resp: 127319

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

71 35.3 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.83 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Tgt Ion: 70 Resp: 31614

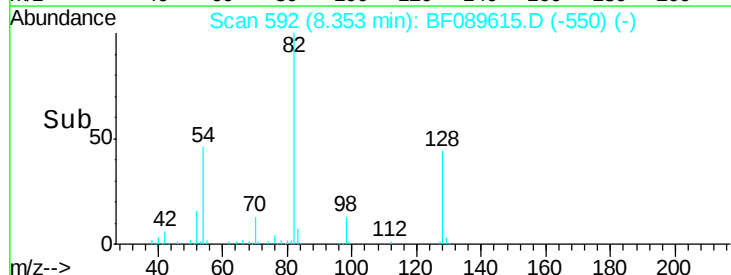
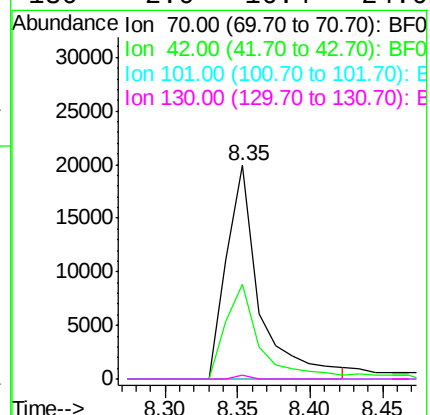
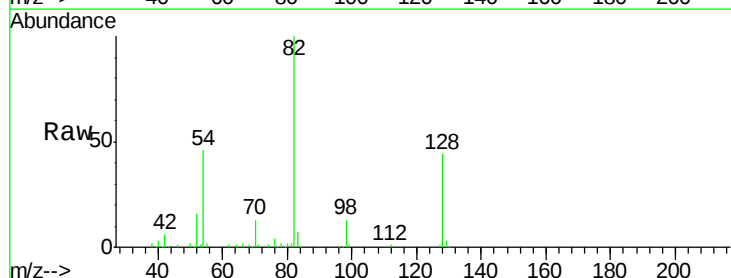
Ion Ratio Lower Upper

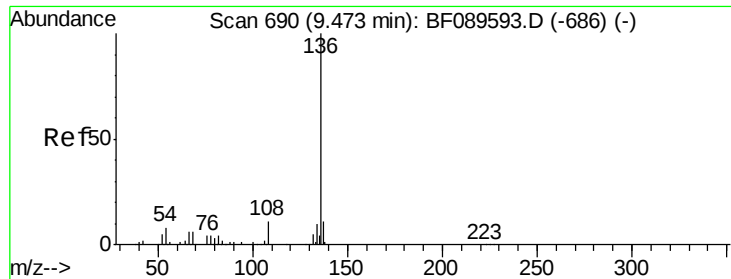
70 100

42 44.2 40.2 60.2

101 0.0 7.8 11.6#

130 2.0 16.4 24.6#

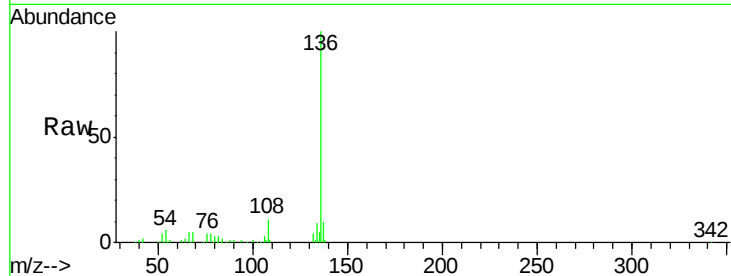




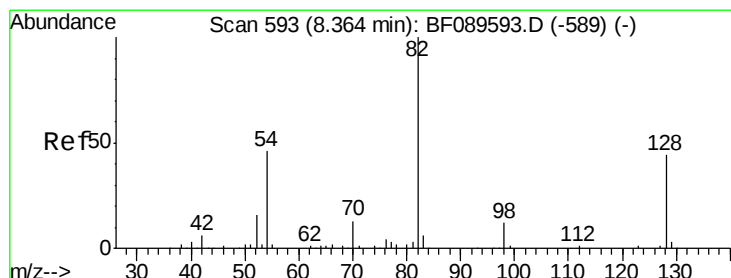
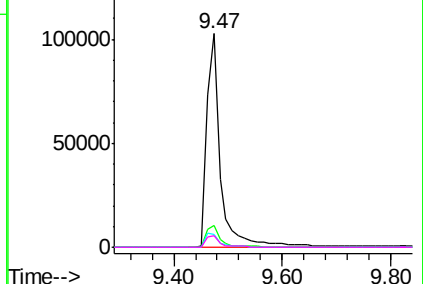
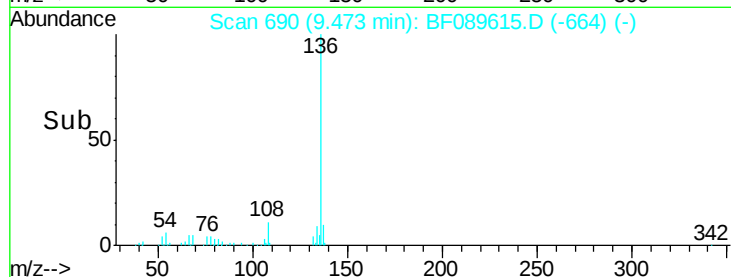
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Instrument :
BNA_F
ClientSampleId :
GW-65-10.0-15.0

Tgt Ion:	136	Resp:	181479
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	12.8
54	6.3	6.0	9.0
68	5.2	4.6	6.8

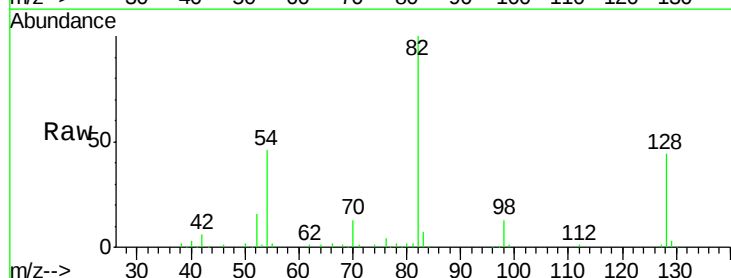


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

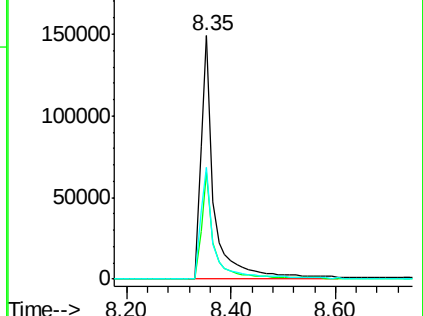
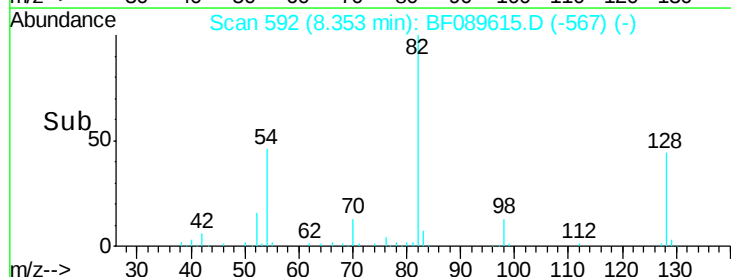


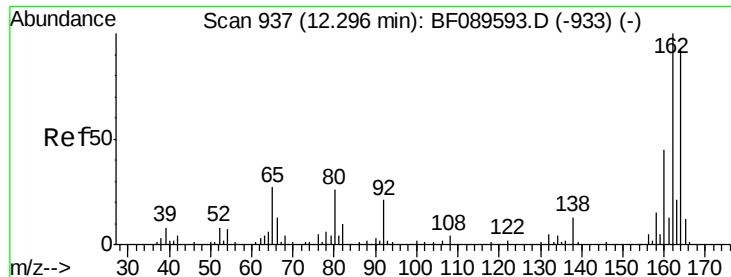
#23
Nitrobenzene-d5
Concen: 80.94 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Tgt Ion:	82	Resp:	265573
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.4	53.0
54	45.9	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Instrument :

BNA_F

ClientSampleId :

GW-65-10.0-15.0

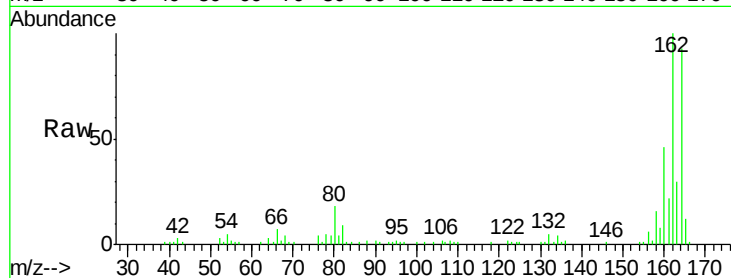
Tgt Ion:164 Resp: 87318

Ion Ratio Lower Upper

164 100

162 107.1 85.7 128.5

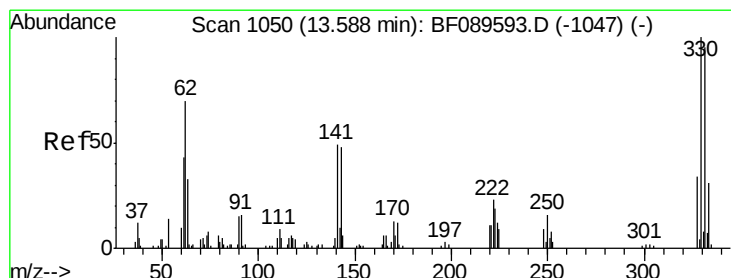
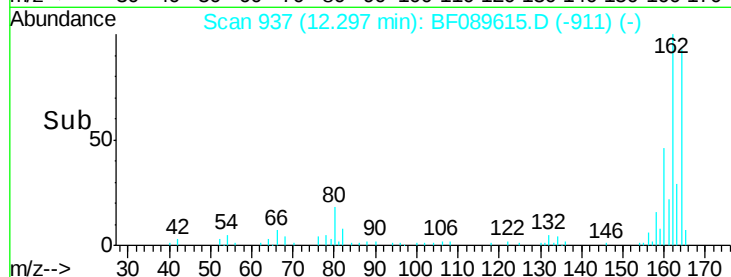
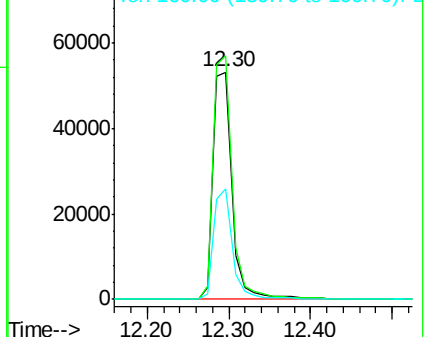
160 48.8 38.2 57.4



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: 126.95 ng

RT: 13.59 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

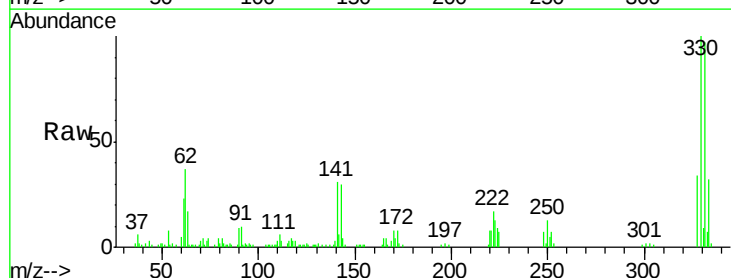
Tgt Ion:330 Resp: 91476

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

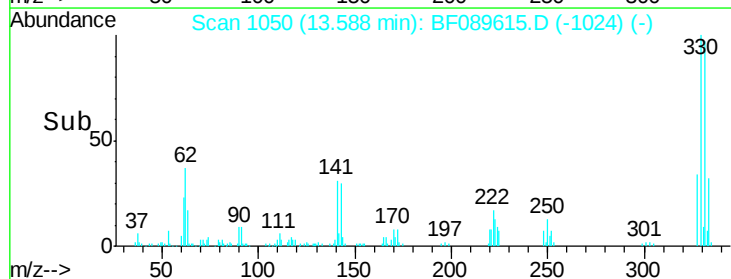
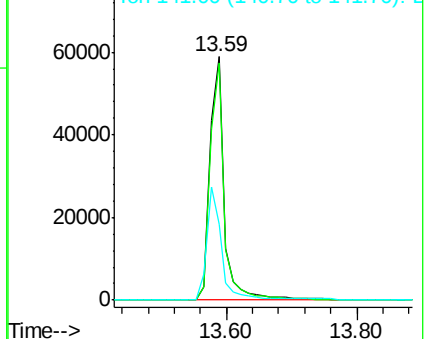
141 48.6 38.6 57.8

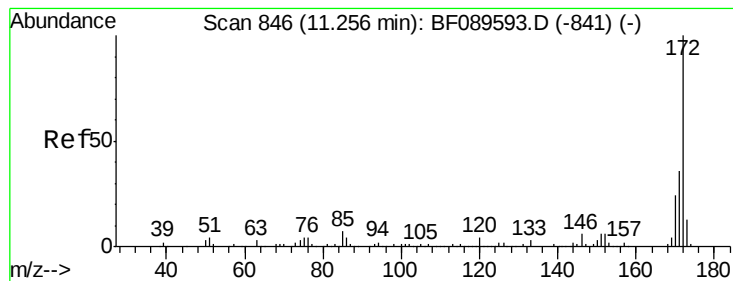


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.12 ng

RT: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

Instrument :

BNA_F

ClientSampleId :

GW-65-10.0-15.0

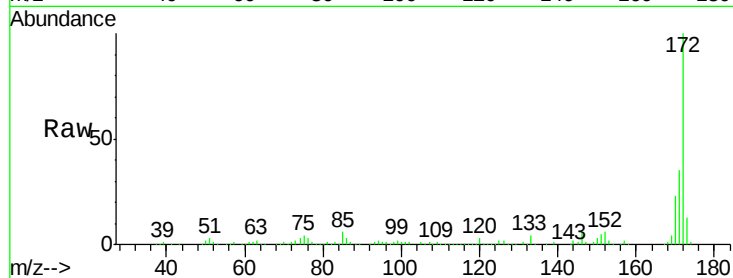
Tgt Ion:172 Resp: 511404

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

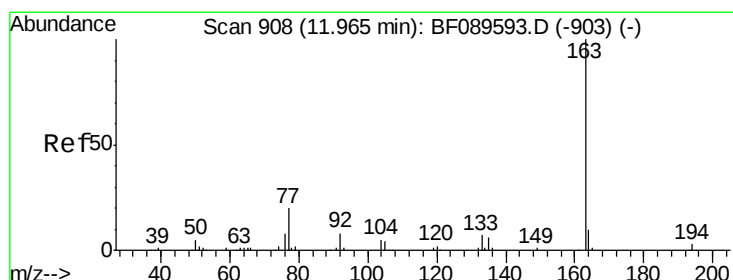
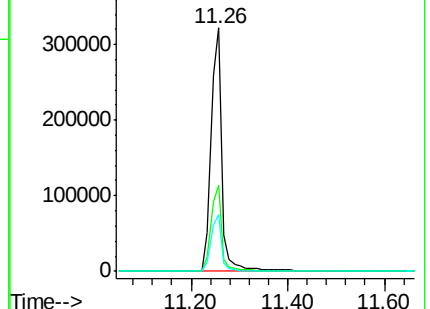
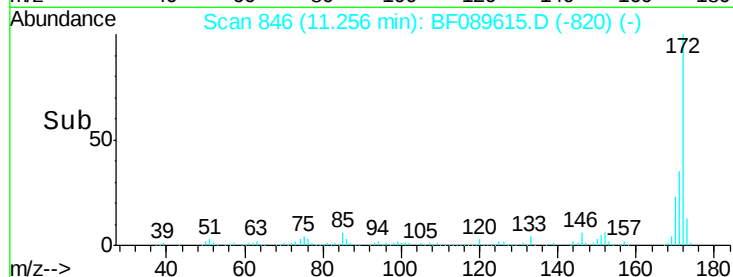
170 23.2 19.0 28.6



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: 2.57 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089615.D

Acq: 5 Aug 2016 6:23

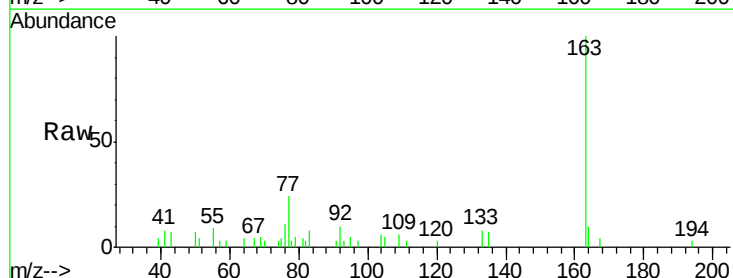
Tgt Ion:163 Resp: 17570

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

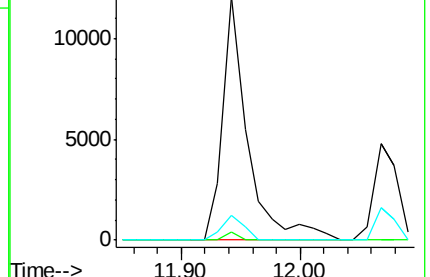
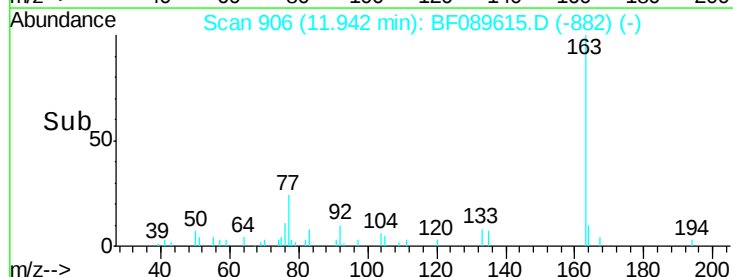
164 10.0 7.8 11.6

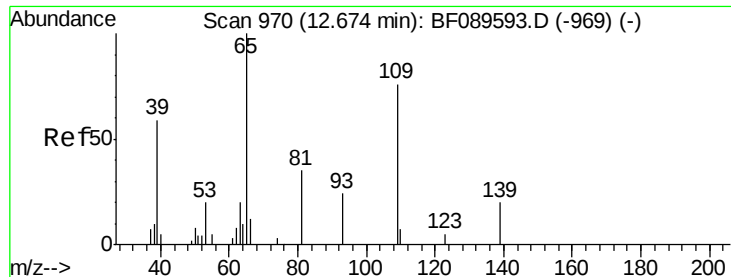


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

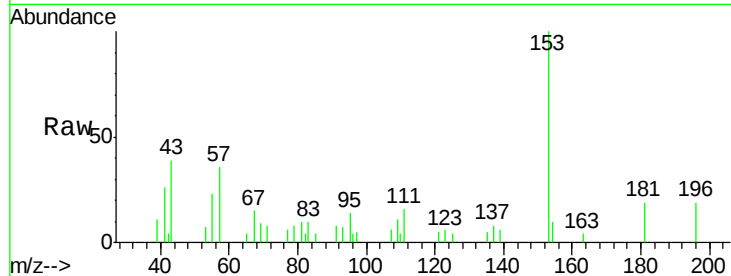




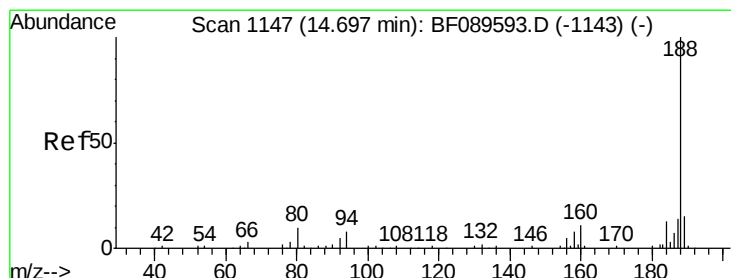
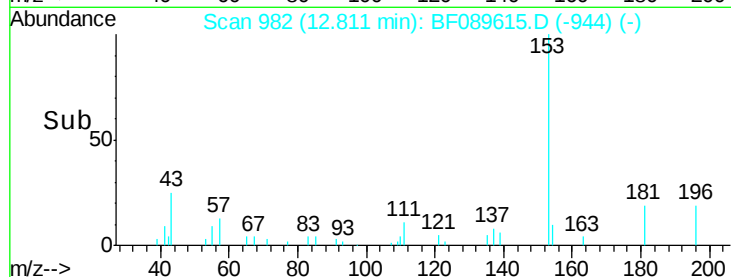
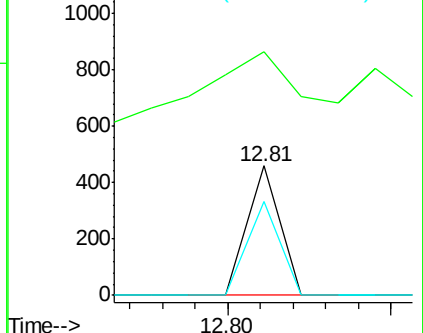
#55
4-Nitrophenol
Concen: 6.98 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.14 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Instrument :
BNA_F
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GW-65-10.0-15.0

Tgt Ion:139 Resp: 315
Ion Ratio Lower Upper
139 100
109 187.8 28.9 68.9#
65 72.0 49.2 89.2

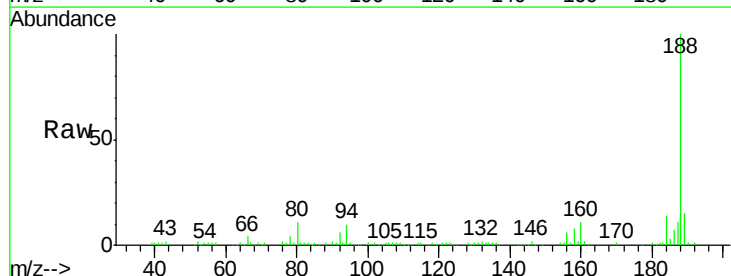


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

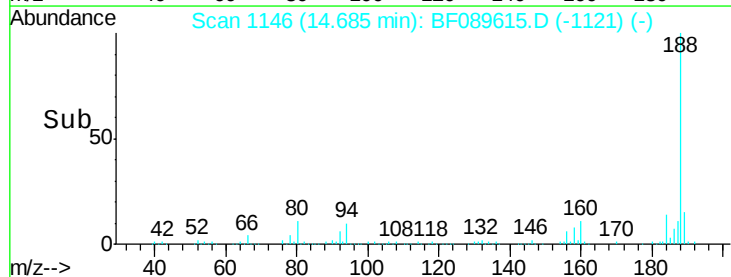
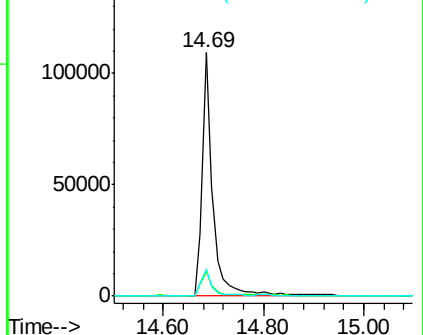


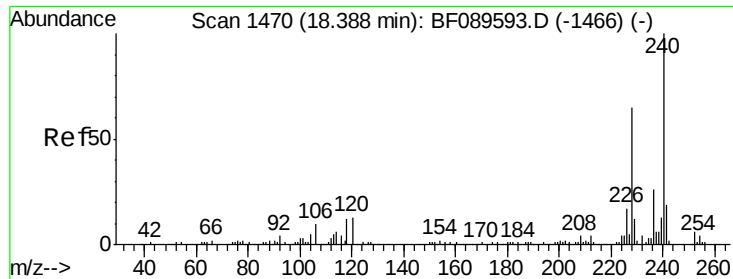
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Tgt Ion:188 Resp: 162901
Ion Ratio Lower Upper
188 100
94 10.2 6.5 9.7#
80 11.2 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

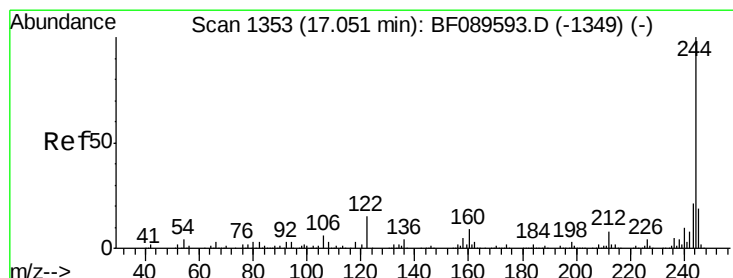
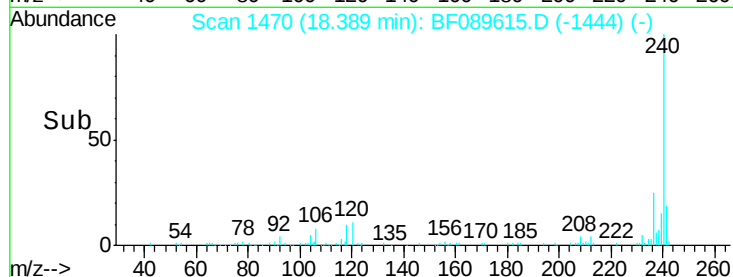
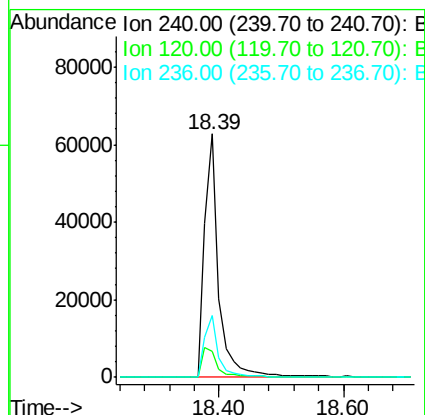
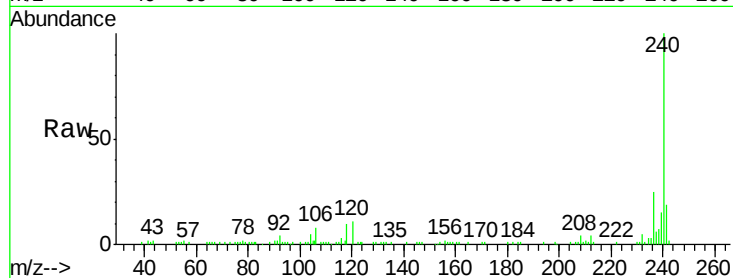




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

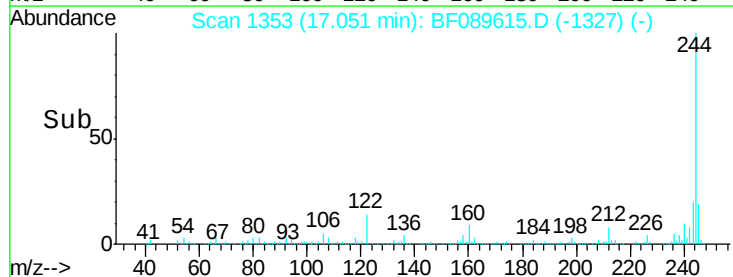
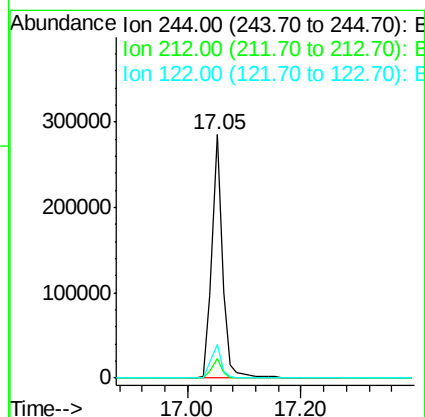
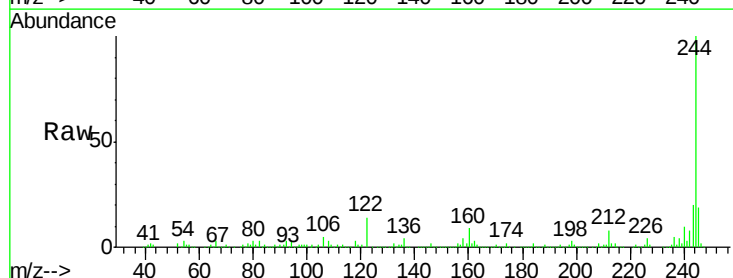
Instrument :
BNA_F
ClientSampleId :
GW-65-10.0-15.0

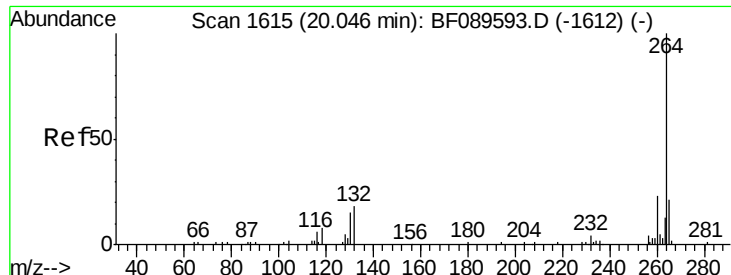
Tgt Ion:240 Resp: 99988
Ion Ratio Lower Upper
240 100
120 10.7 10.6 15.8
236 25.5 20.6 30.8



#78
Terphenyl-d14
Concen: 71.60 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Tgt Ion:244 Resp: 362625
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 13.8 12.2 18.2

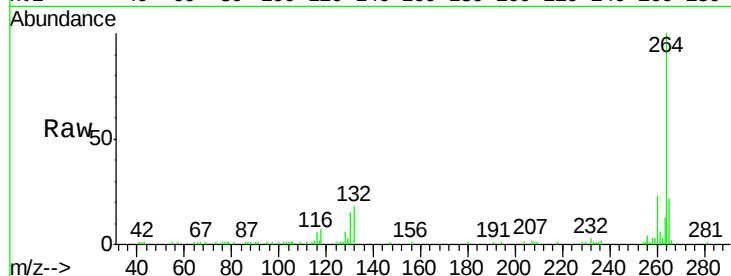




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089615.D
Acq: 5 Aug 2016 6:23

Instrument :
BNA_F
ClientSampleId :
GW-65-10.0-15.0

Tgt Ion: 264 Resp: 77828
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.7 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

