

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089614.D
 Acq On : 5 Aug 2016 5:49
 Operator : UM/SJ
 Sample : H4288-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0

Quant Time: Aug 05 07:41:23 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	43878	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	189777	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	94372	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	177311	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	114784	20.00	ng	0.00
86) Perylene-d12	20.05	264	83221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	146699	56.04	ng	0.01
7) Phenol-d6	6.97	99	123824	34.87	ng	-0.01
23) Nitrobenzene-d5	8.35	82	318026	92.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	104098	133.67	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	613812	84.53	ng	0.00
78) Terphenyl-d14	17.05	244	475530	81.78	ng	0.00

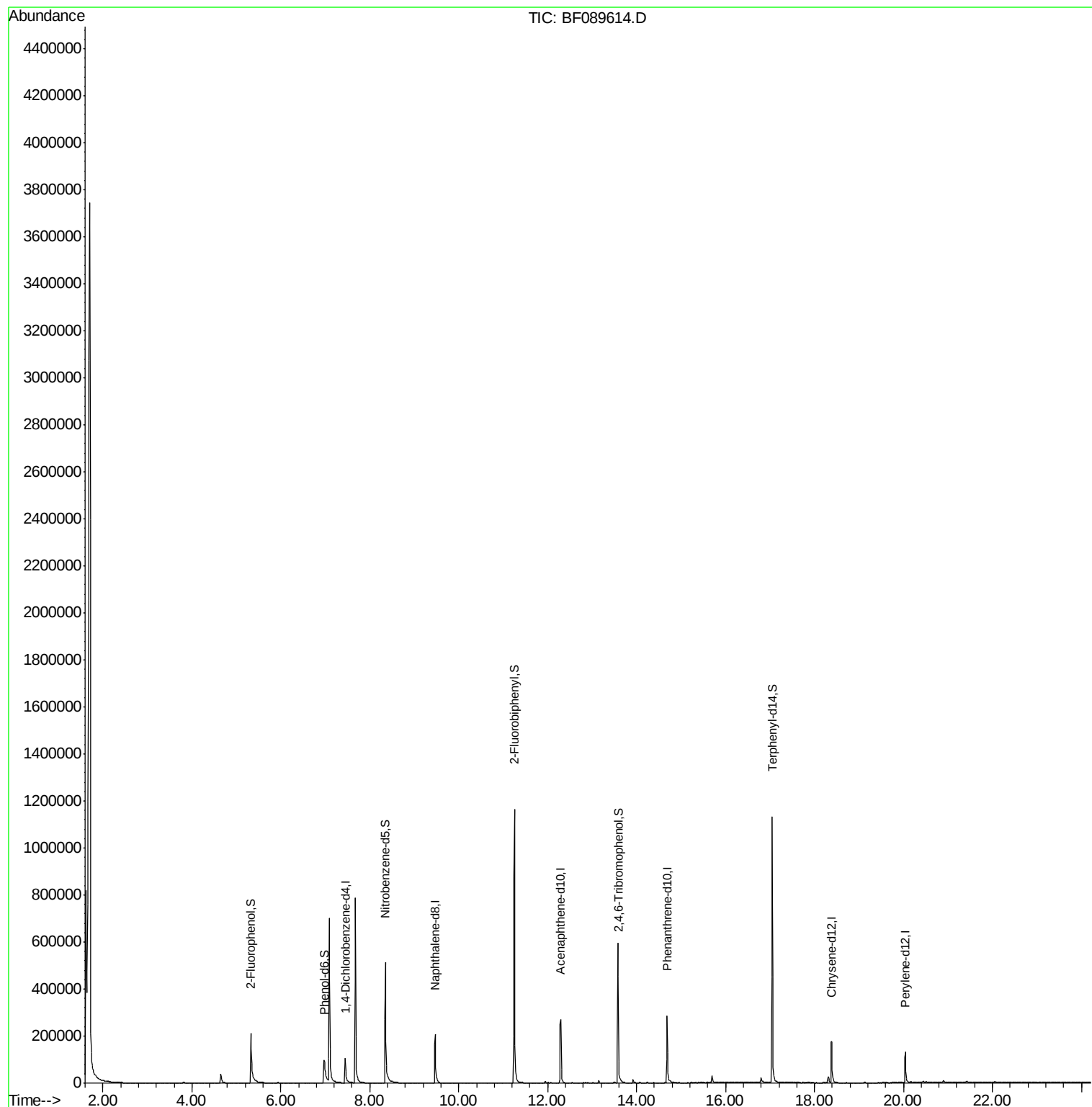
Target Compounds Qvalue

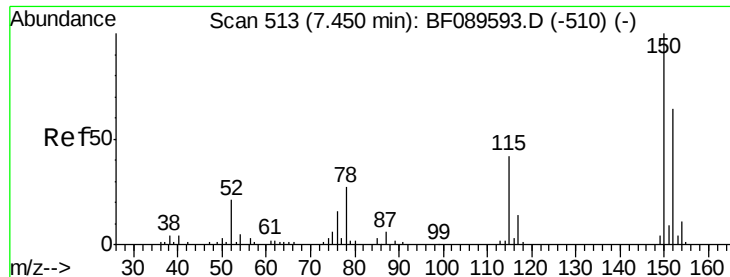
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089614.D
Acq On : 5 Aug 2016 5:49
Operator : UM/SJ
Sample : H4288-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Quant Time: Aug 05 07:41:23 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: BF089614.D

Acq: 5 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0

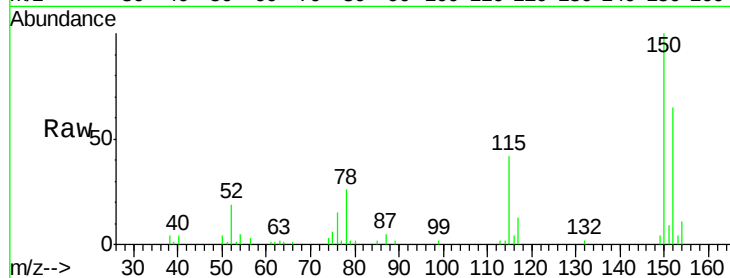
Tot Ion:152 Resp: 43878

Ion Ratio Lower Upper

152 100

150 154.3 125.5 188.3

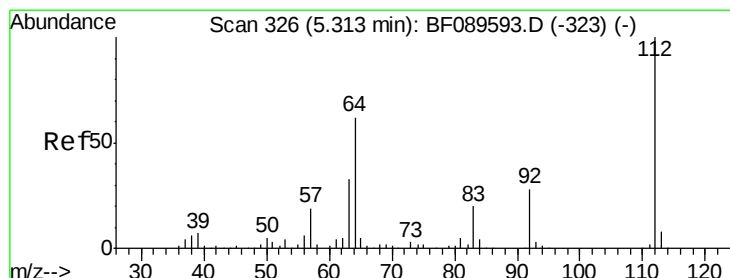
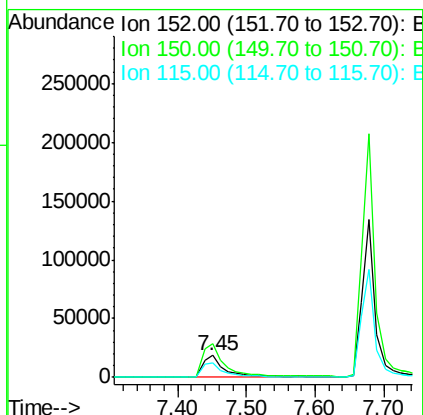
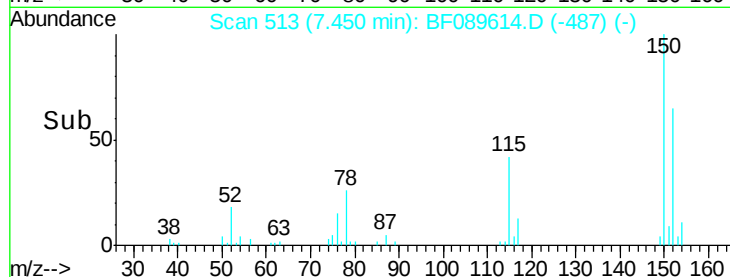
115 64.2 52.0 78.0



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: 56.04 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.01 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

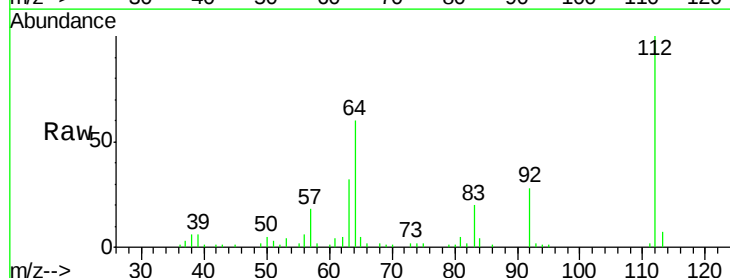
Tgt Ion:112 Resp: 146699

Ion Ratio Lower Upper

112 100

64 60.0 49.9 74.9

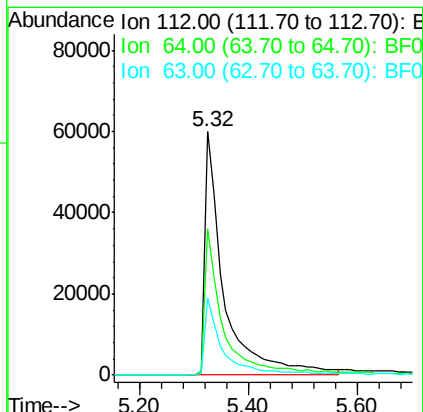
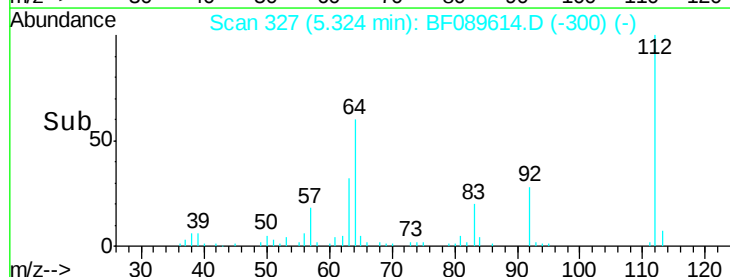
63 31.6 26.1 39.1



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: 34.87 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0

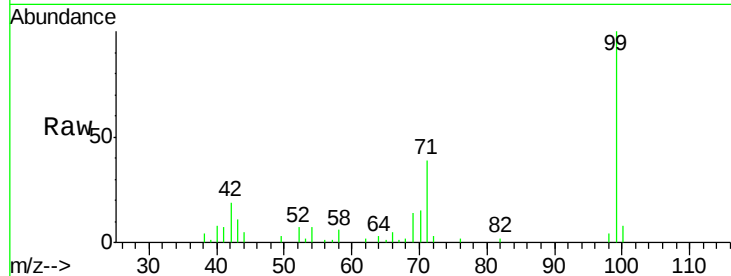
Tot Ion: 99 Resp: 123824

Ion Ratio Lower Upper

99 100

42 19.5 13.7 20.5

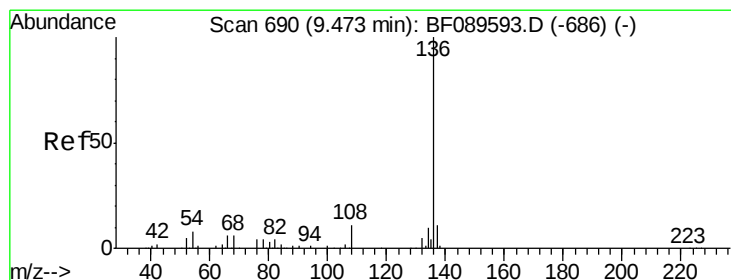
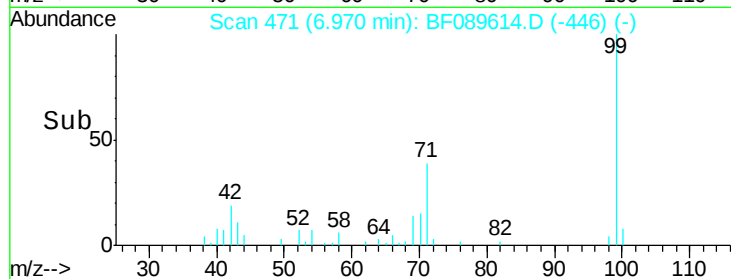
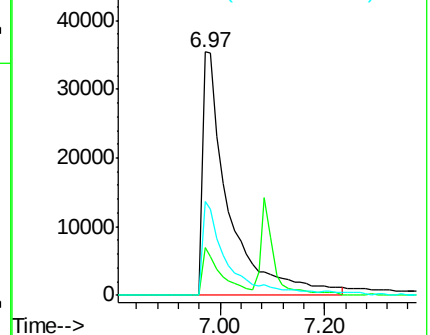
71 38.6 29.0 43.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

Tgt Ion: 136 Resp: 189777

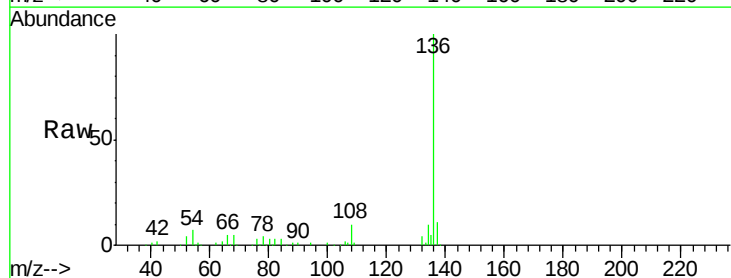
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.6 6.0 9.0

68 4.9 4.6 6.8

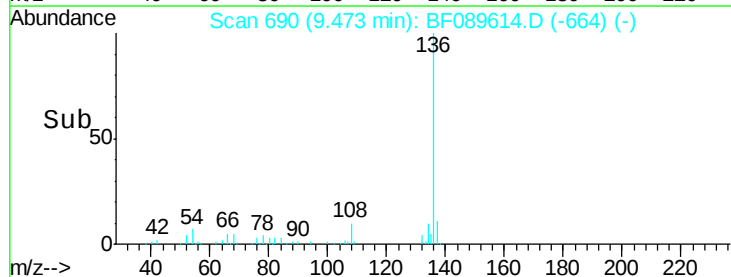
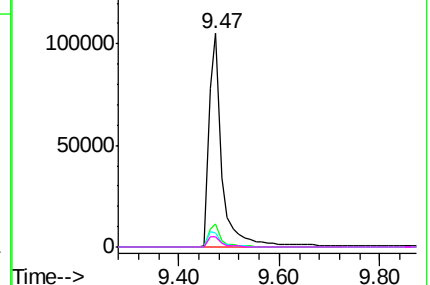


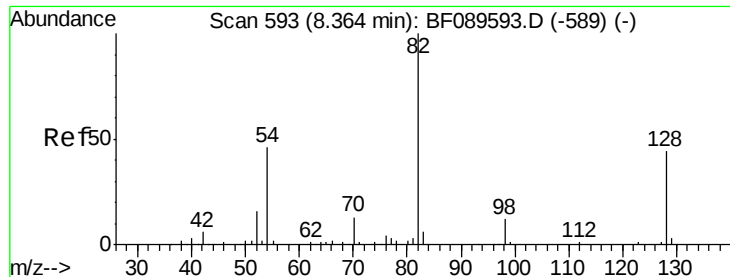
Abundance Ion 136.00 (135.70 to 136.70): E

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

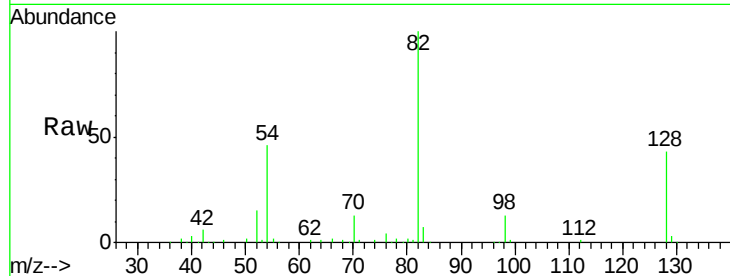




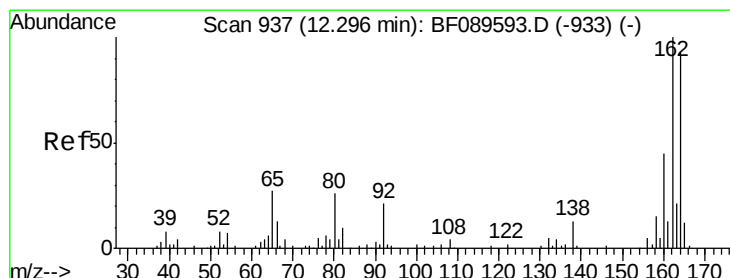
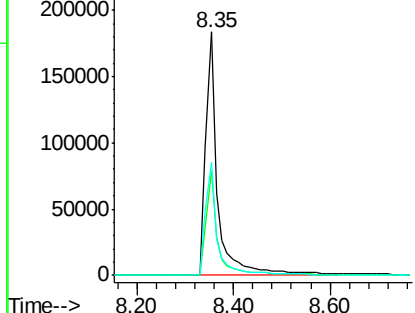
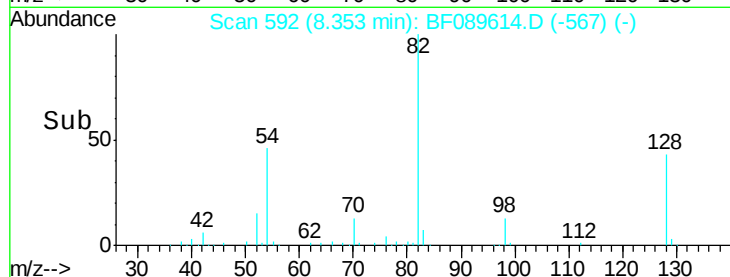
#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tot Ion	82	Resp	318026
Ion Ratio	100	Lower	Upper
128	42.7	35.4	53.0
54	46.4	36.4	54.6

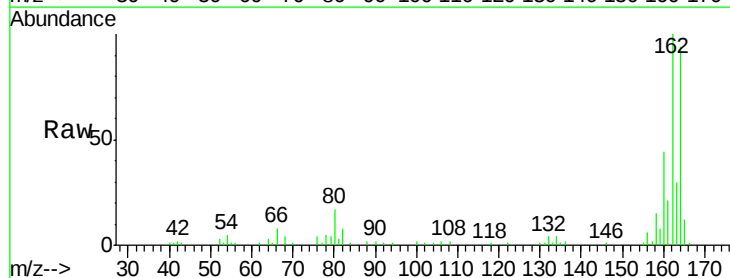


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

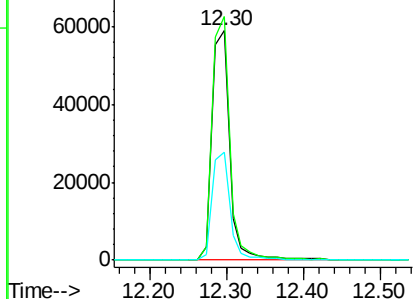
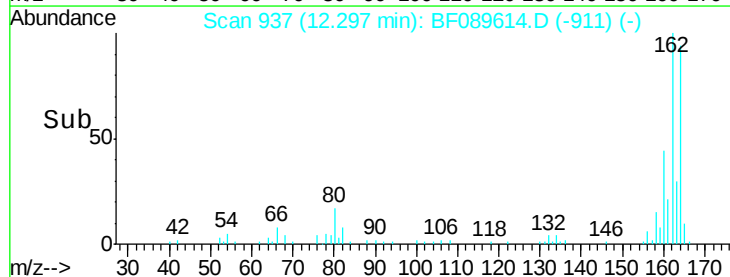


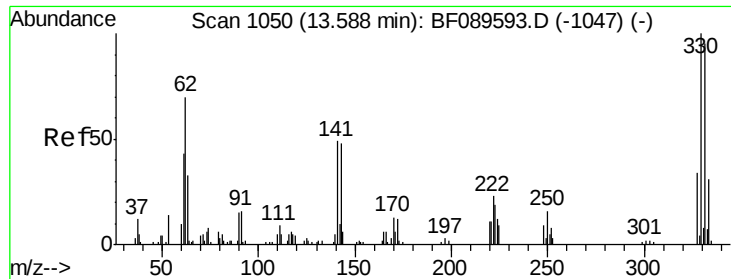
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion	164	Resp	94372
Ion Ratio	100	Lower	Upper
162	106.2	85.7	128.5
160	47.2	38.2	57.4



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

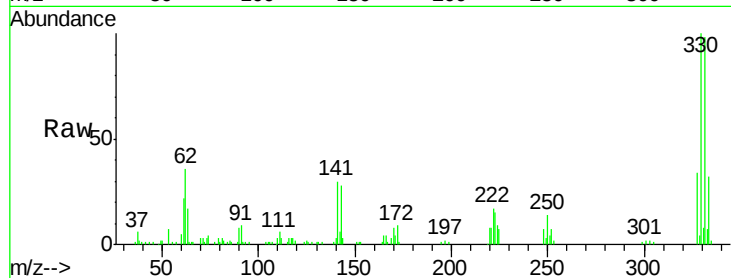




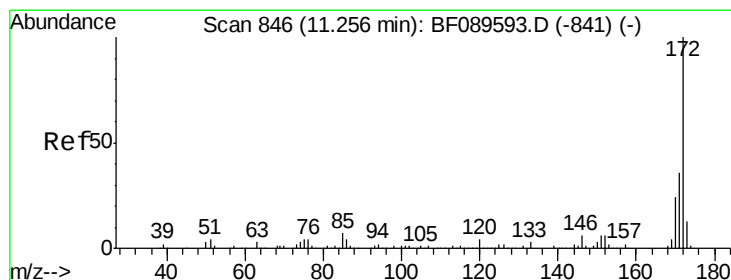
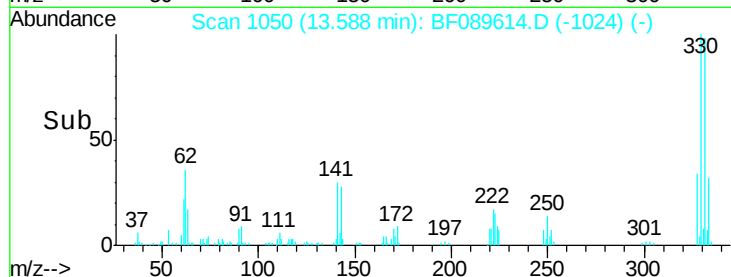
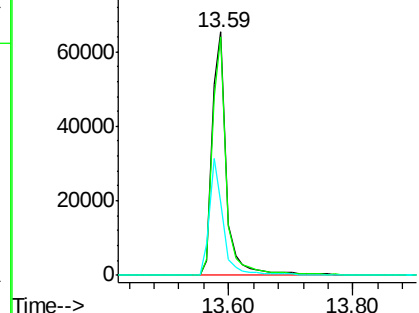
#41
 2,4,6-Tribromophenol
 Concen: 133.67 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0

Tot Ion:330 Resp: 104098
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 46.7 38.6 57.8

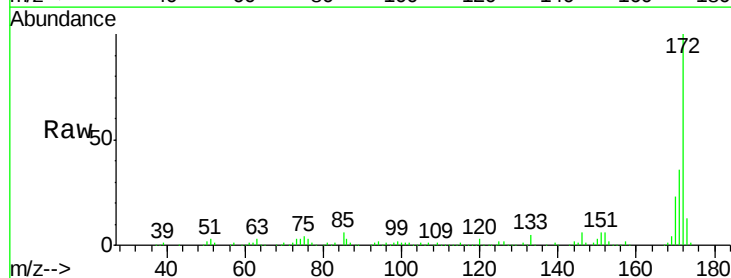


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

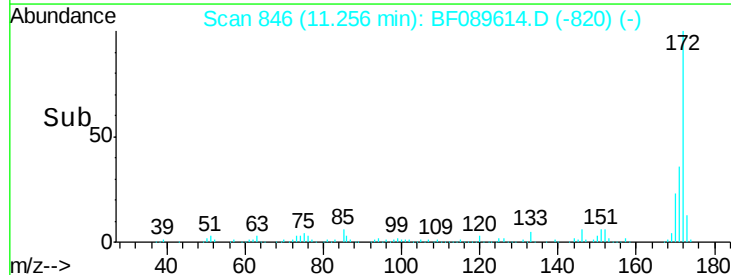
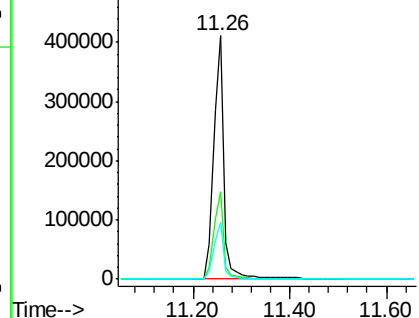


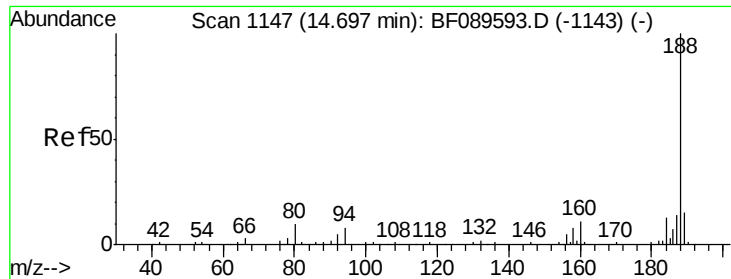
#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089614.D
 Acq: 5 Aug 2016 5:49

Tgt Ion:172 Resp: 613812
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.5 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

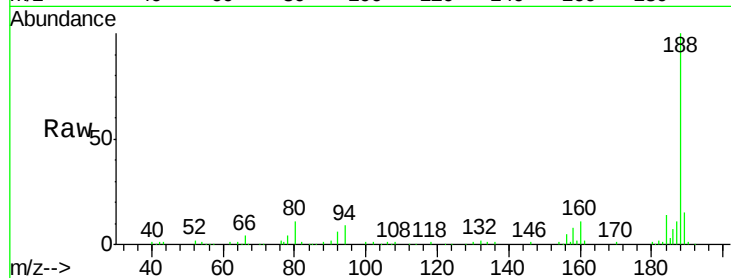




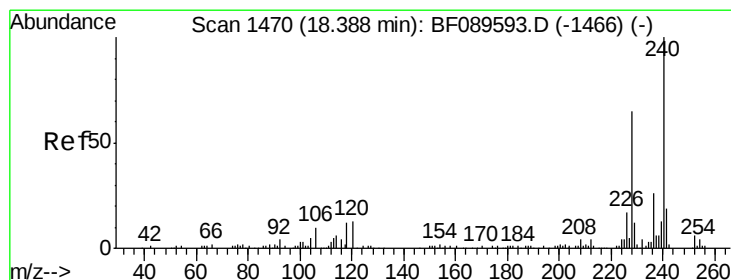
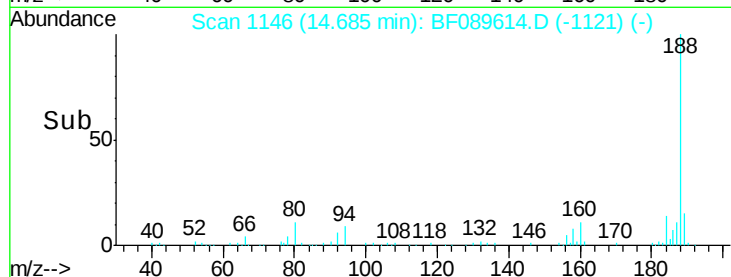
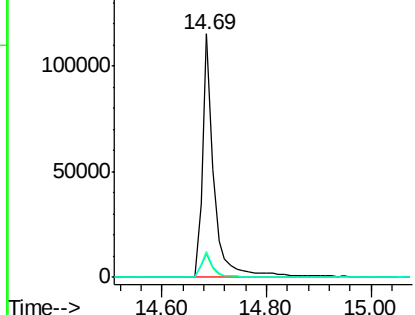
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tot Ion:188 Resp: 177311
Ion Ratio Lower Upper
188 100
94 9.4 6.5 9.7
80 10.7 8.0 12.0

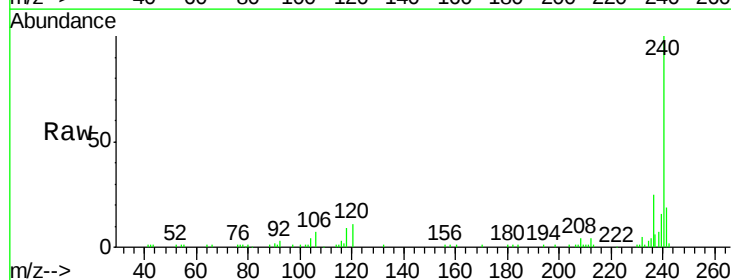


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

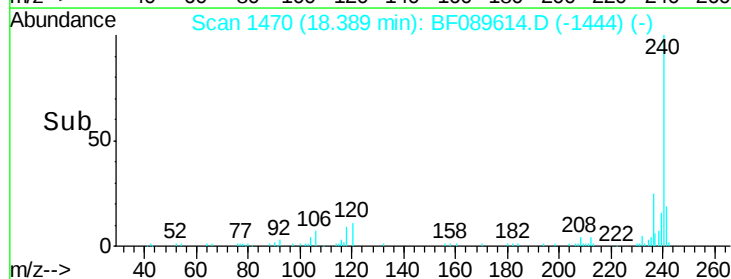
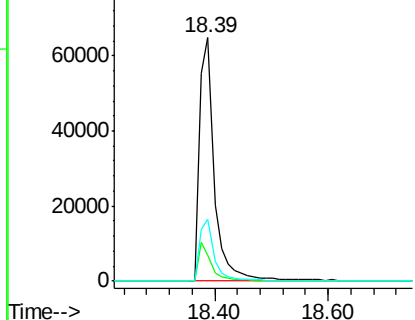


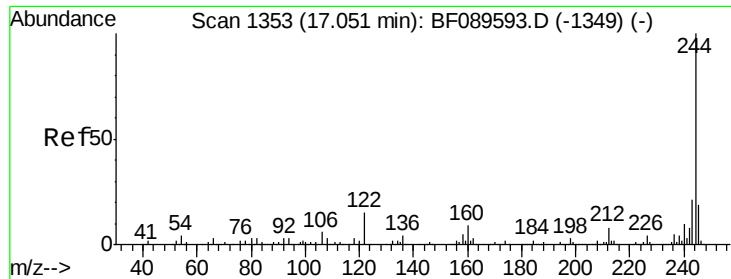
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:240 Resp: 114784
Ion Ratio Lower Upper
240 100
120 10.5 10.6 15.8#
236 25.5 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: 81.78 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0

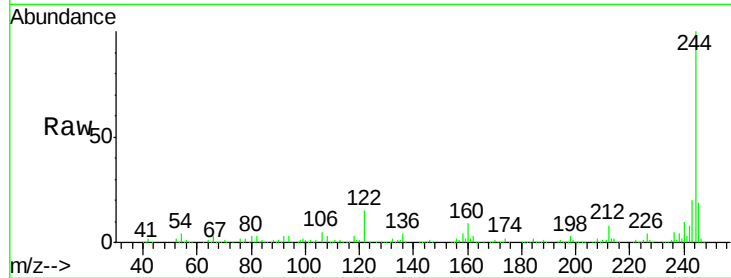
Tot Ion:244 Resp: 475530

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

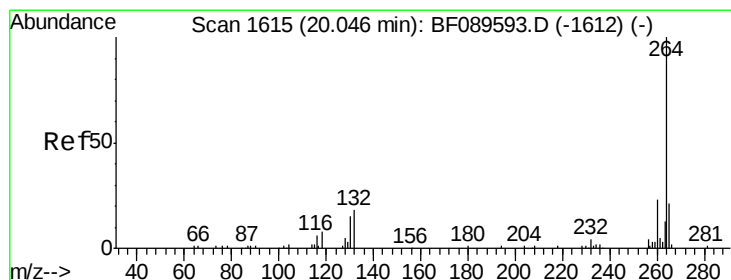
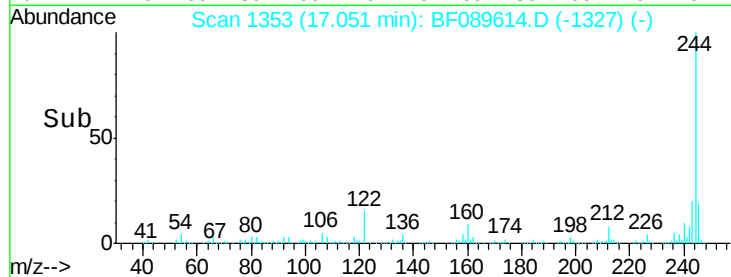
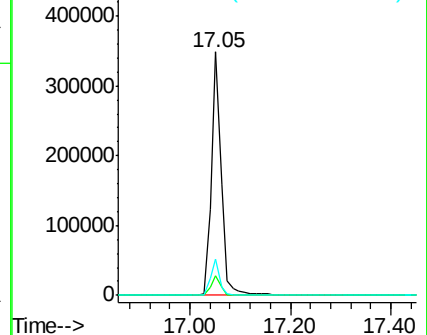
122 14.8 12.2 18.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089614.D

Acq: 5 Aug 2016 5:49

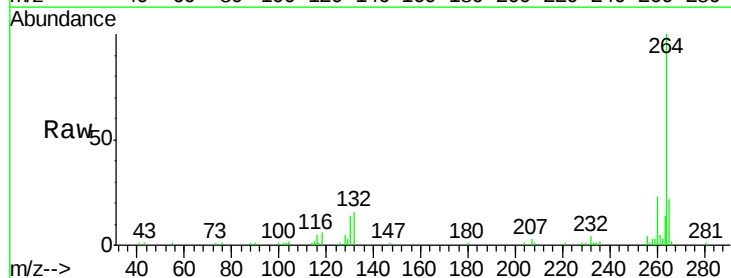
Tgt Ion:264 Resp: 83221

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.0 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

