

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089620.D
 Acq On : 5 Aug 2016 9:12
 Operator : UM/SJ
 Sample : H4288-26
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-67-6.4-15.0

Quant Time: Aug 05 13:50:27 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	41784	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	184401	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	89233	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	169851	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	107097	20.00	ng	0.00
86) Perylene-d12	20.05	264	78812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	142758	57.26	ng	0.02
7) Phenol-d6	6.98	99	126531	37.41	ng	0.00
23) Nitrobenzene-d5	8.35	82	279646	83.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	89580	121.65	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	540643	78.74	ng	0.00
78) Terphenyl-d14	17.05	244	435727	80.32	ng	0.00

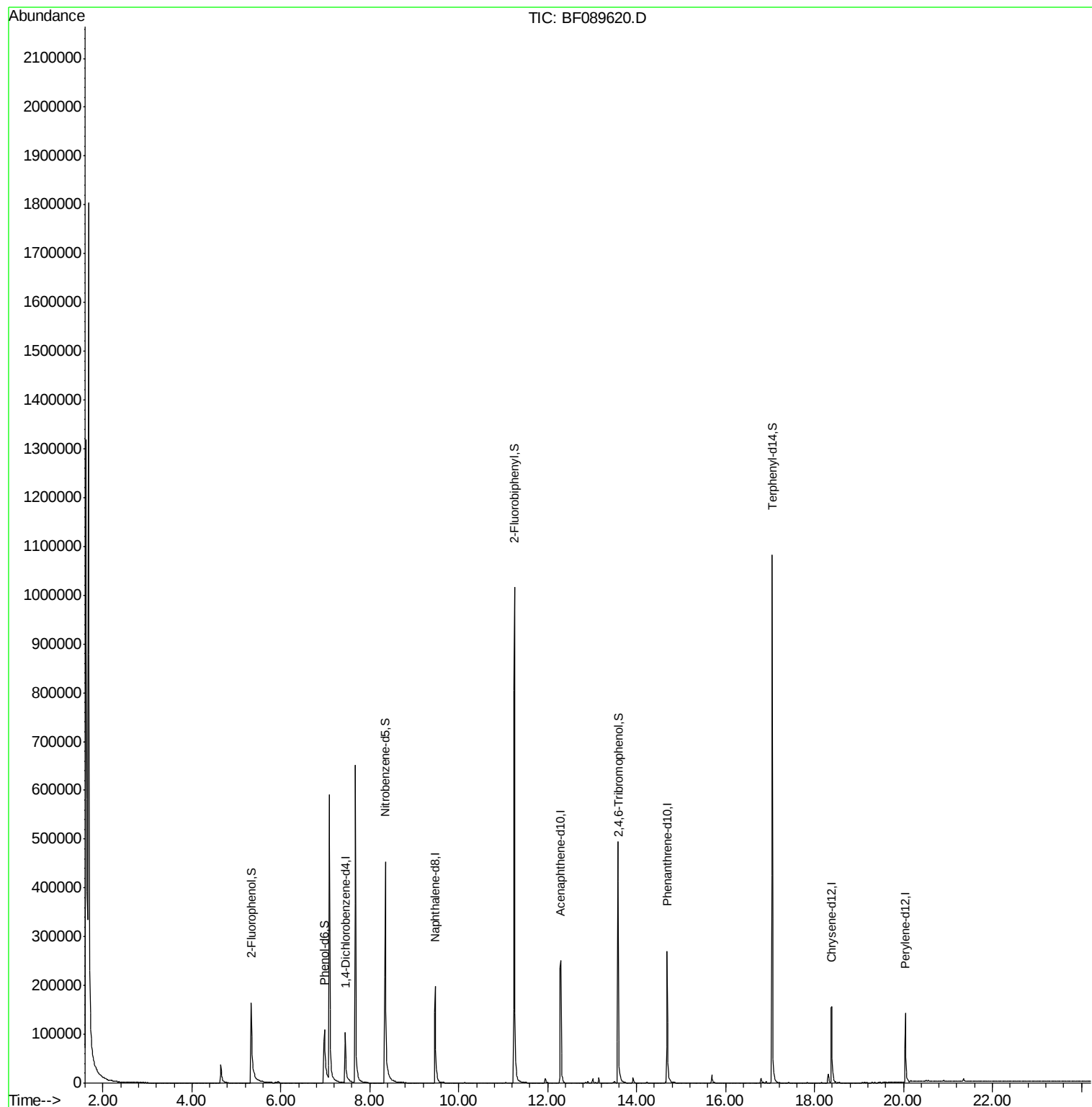
Target Compounds Qvalue

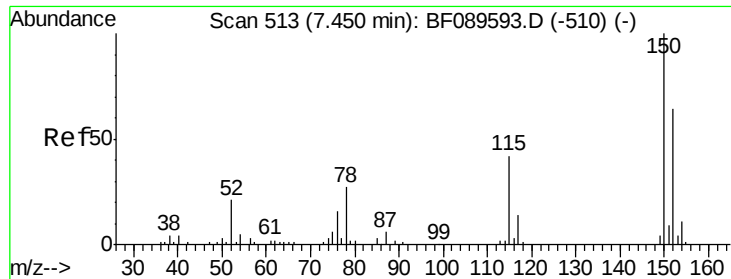
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089620.D

Acq: 5 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

GW-67-6.4-15.0

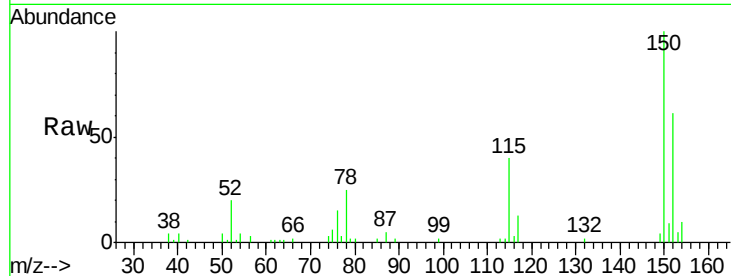
Tot Ion:152 Resp: 41784

Ion Ratio Lower Upper

152 100

150 163.2 125.5 188.3

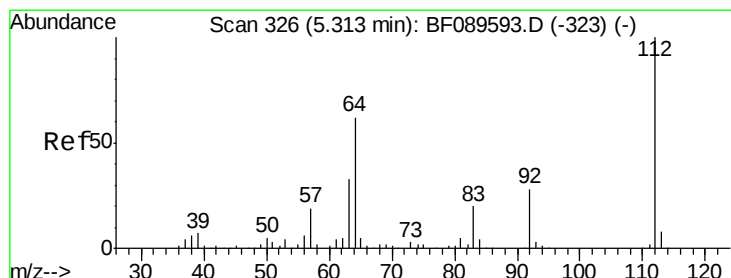
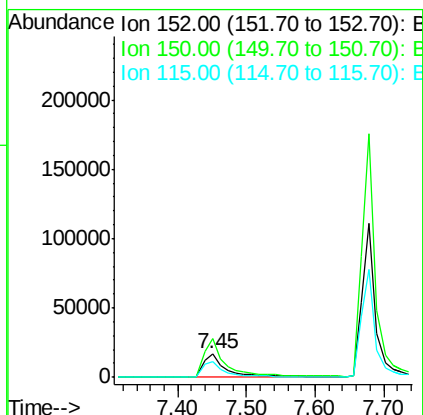
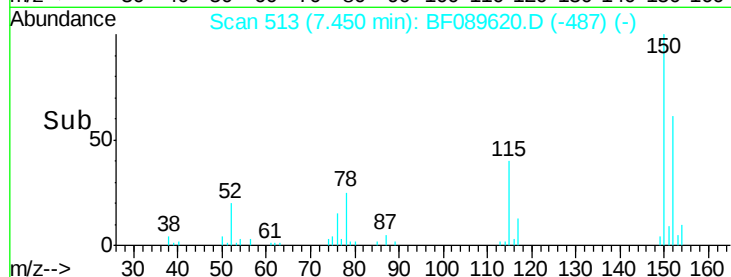
115 65.1 52.0 78.0



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: 57.26 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089620.D

Acq: 5 Aug 2016 9:12

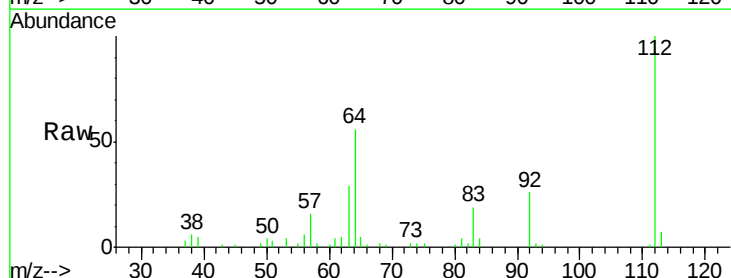
Tgt Ion:112 Resp: 142758

Ion Ratio Lower Upper

112 100

64 55.8 49.9 74.9

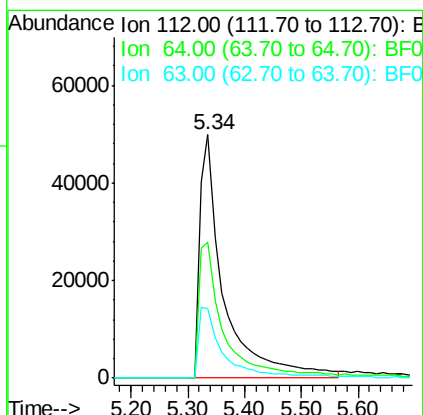
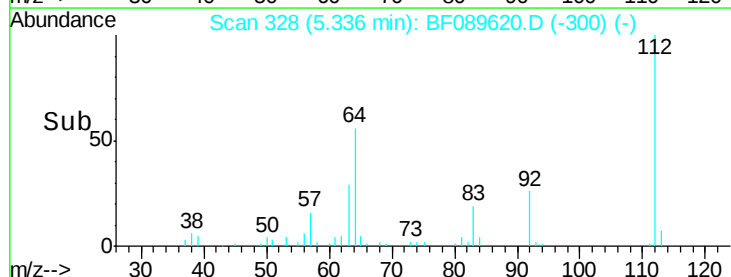
63 28.6 26.1 39.1

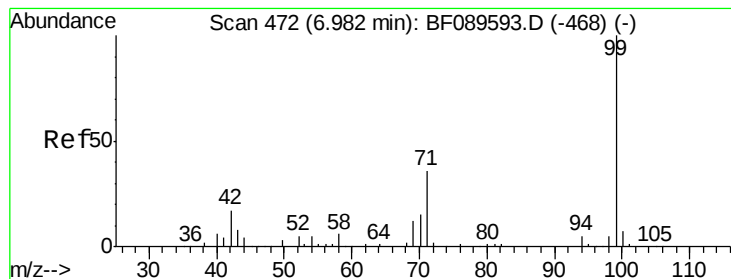


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.41 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089620.D

Acq: 5 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

GW-67-6.4-15.0

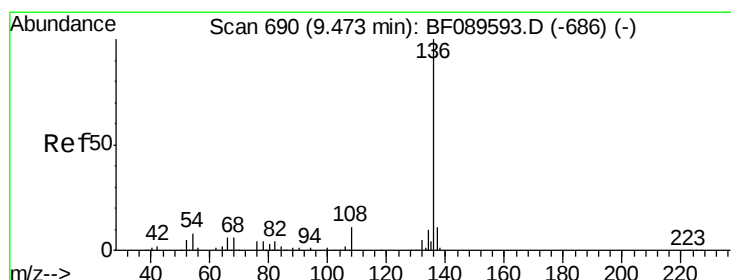
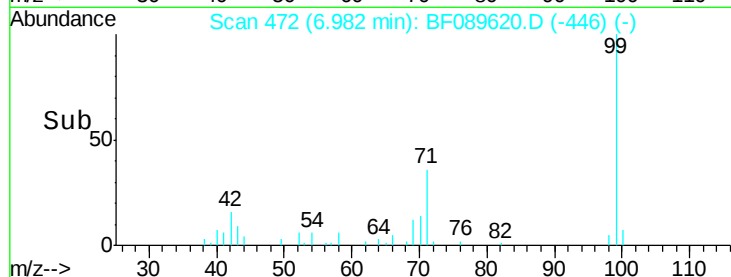
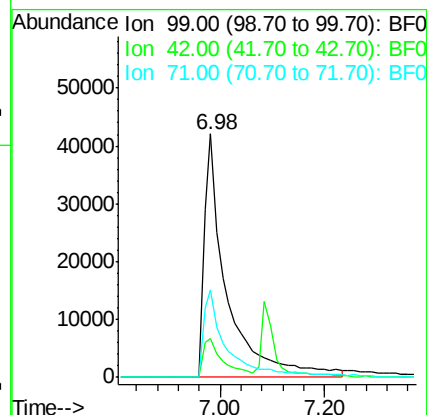
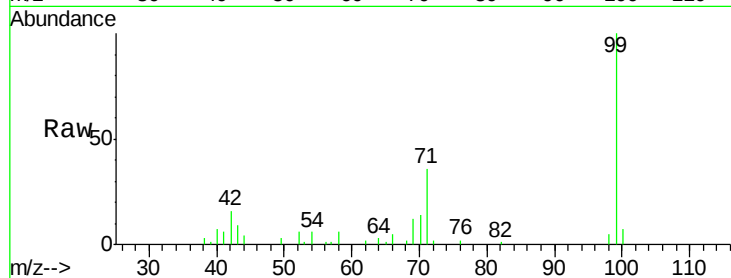
Tot Ion: 99 Resp: 126531

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

71 35.9 29.0 43.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089620.D

Acq: 5 Aug 2016 9:12

Tgt Ion: 136 Resp: 184401

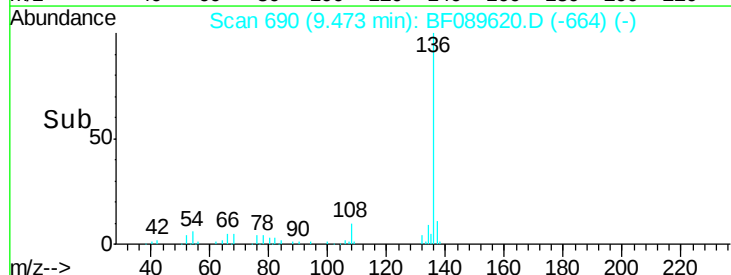
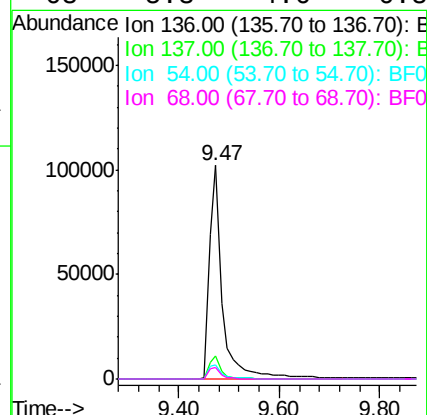
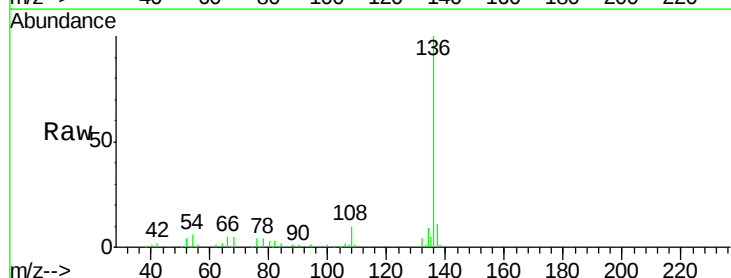
Ion Ratio Lower Upper

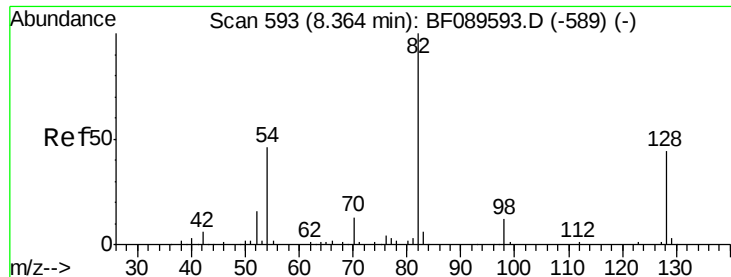
136 100

137 10.8 8.6 12.8

54 6.4 6.0 9.0

68 5.3 4.6 6.8

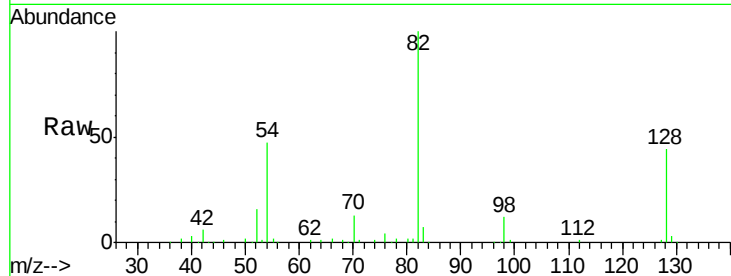




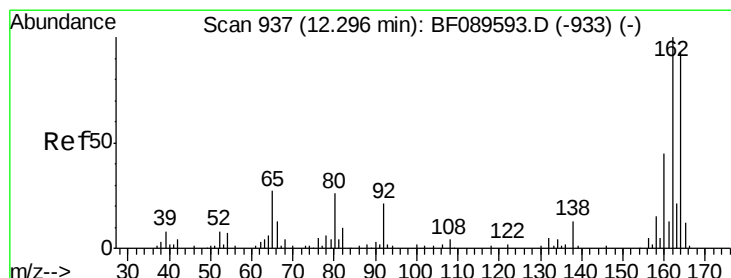
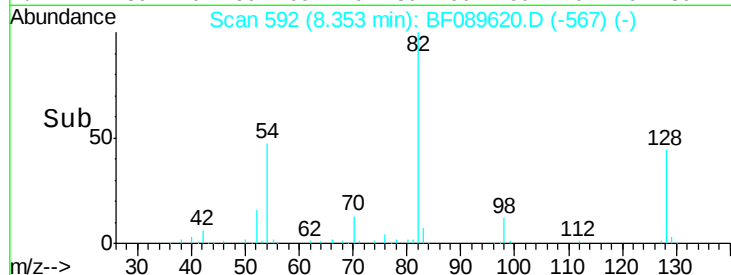
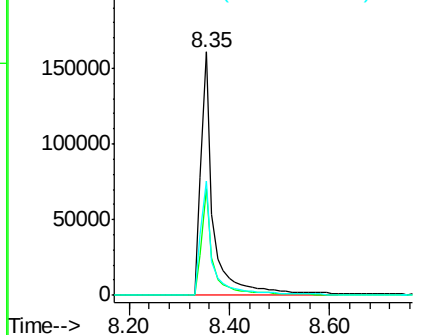
#23
 Nitrobenzene-d5
 Concen: 83.88 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089620.D
 Acq: 5 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-67-6.4-15.0

Tot Ion: 82 Resp: 279646
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.4 53.0
 54 47.2 36.4 54.6

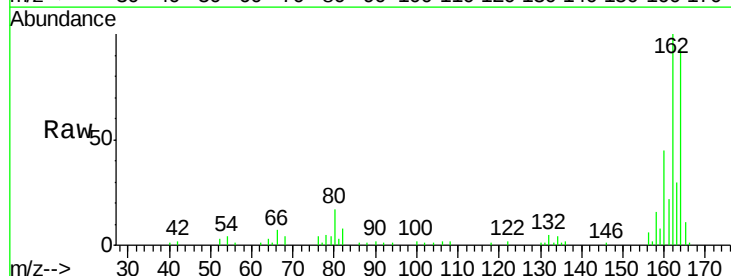


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

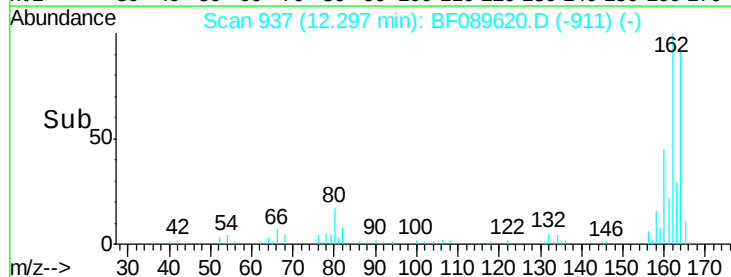
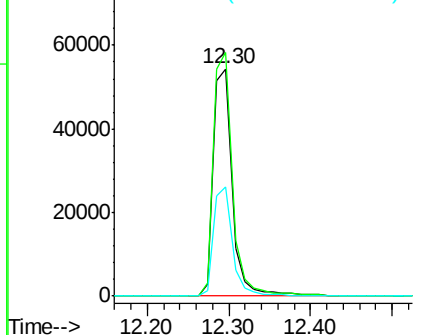


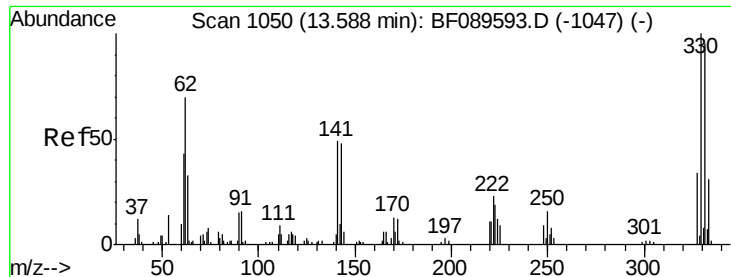
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089620.D
 Acq: 5 Aug 2016 9:12

Tgt Ion:164 Resp: 89233
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.7 128.5
 160 47.9 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

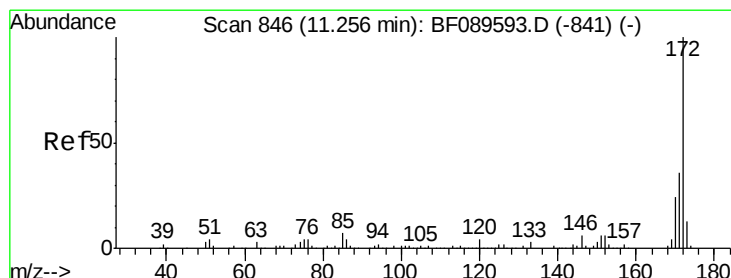
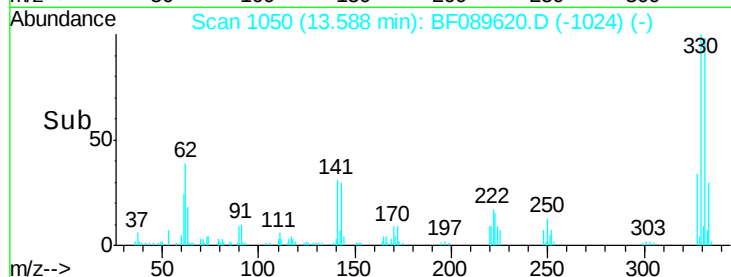
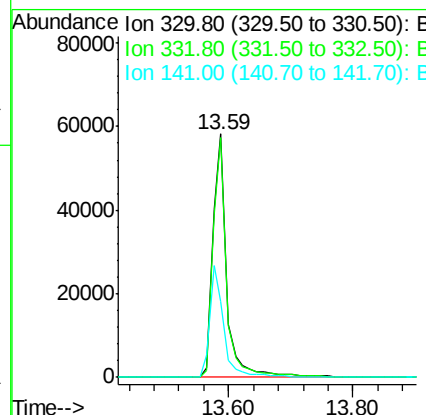
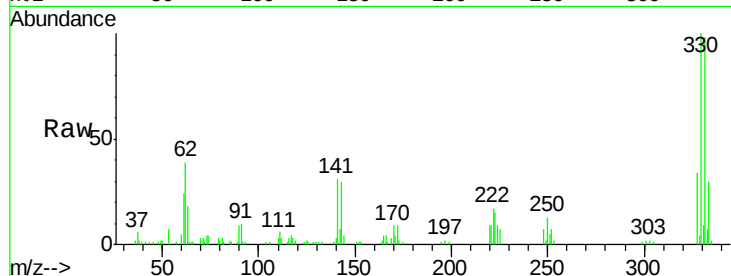




#41
 2,4,6-Tribromophenol
 Concen: 121.65 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089620.D
 Acq: 5 Aug 2016 9:12

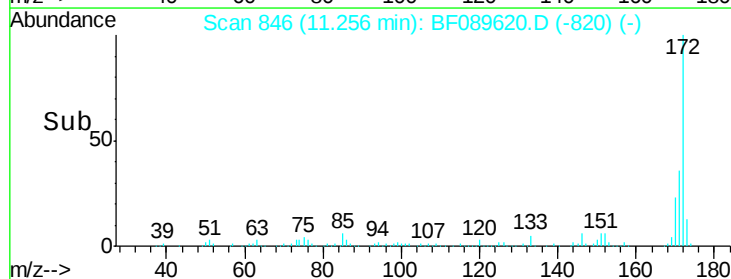
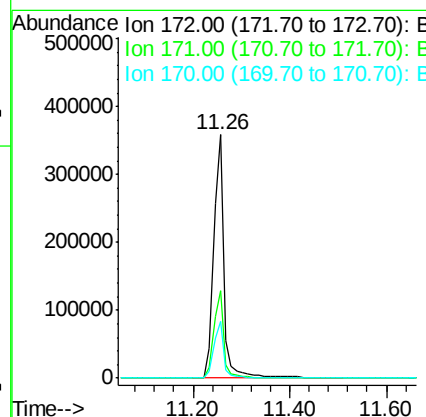
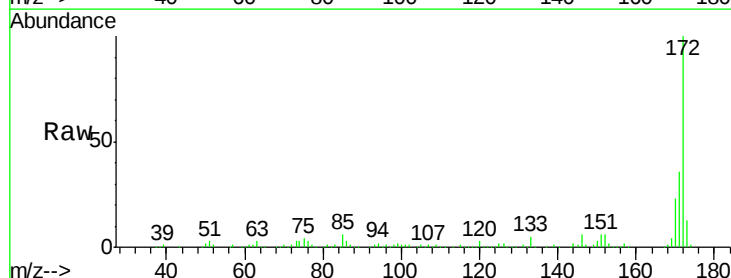
Instrument :
 BNA_F
 ClientSampleId :
 GW-67-6.4-15.0

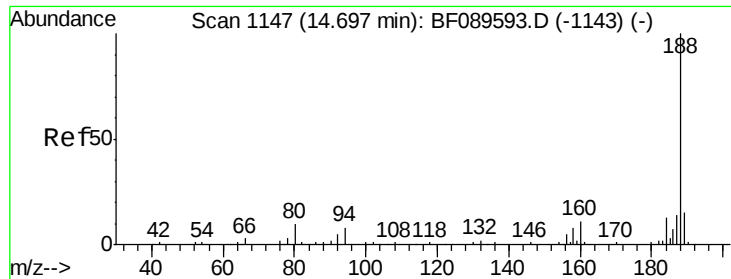
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	46.8	38.6	57.8



#44
 2-Fluorobiphenyl
 Concen: 78.74 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089620.D
 Acq: 5 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.5	19.0	28.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089620.D

Acq: 5 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

GW-67-6.4-15.0

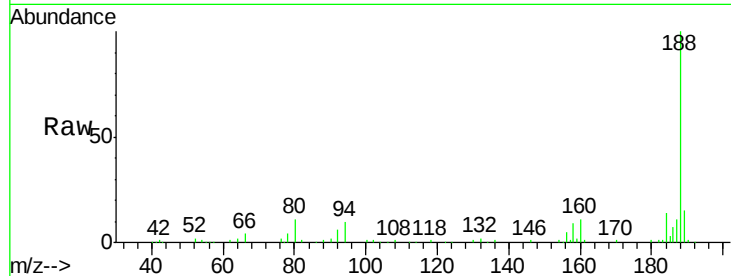
Tot Ion:188 Resp: 169851

Ion Ratio Lower Upper

188 100

94 10.0 6.5 9.7#

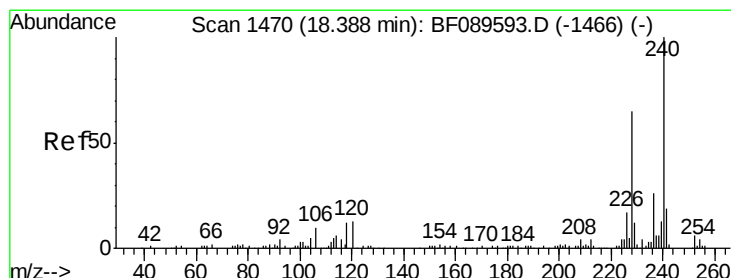
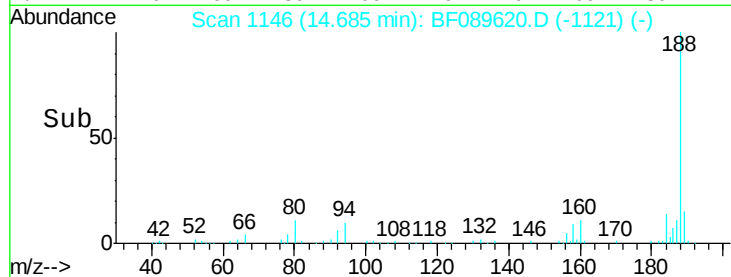
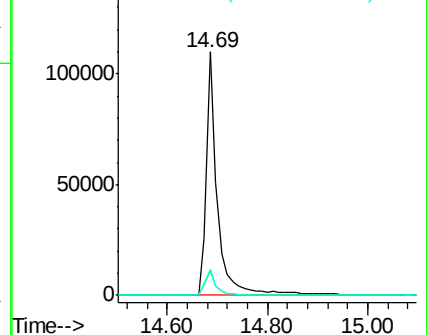
80 10.9 8.0 12.0



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: BF089620.D

Acq: 5 Aug 2016 9:12

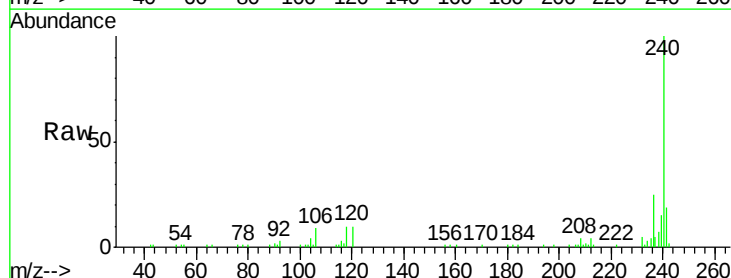
Tgt Ion:240 Resp: 107097

Ion Ratio Lower Upper

240 100

120 10.0 10.6 15.8#

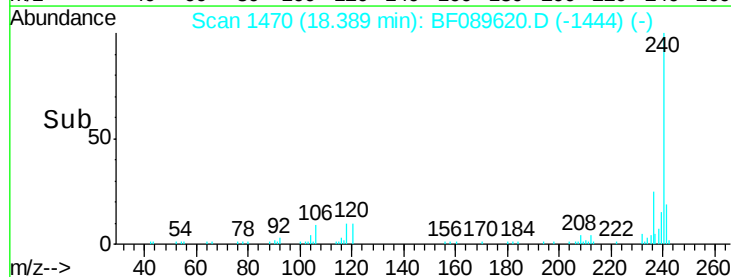
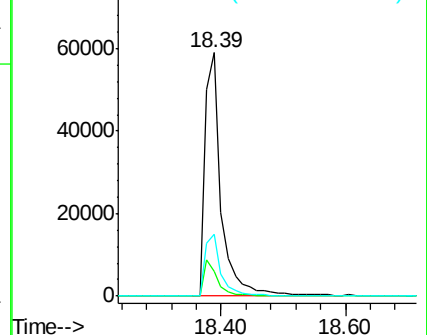
236 25.3 20.6 30.8

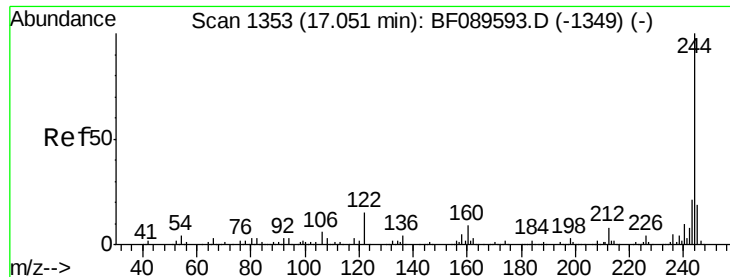


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.32 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089620.D

Acq: 5 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

GW-67-6.4-15.0

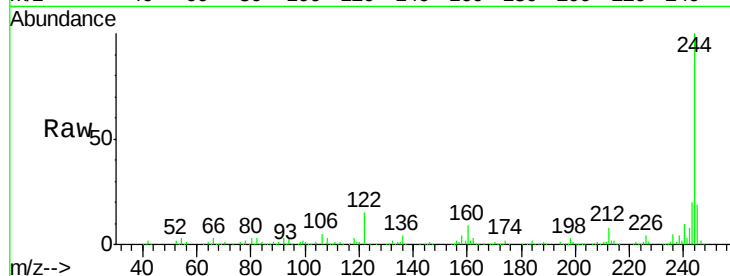
Tot Ion:244 Resp: 435727

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

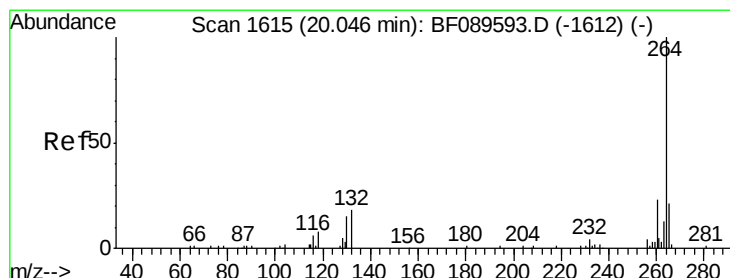
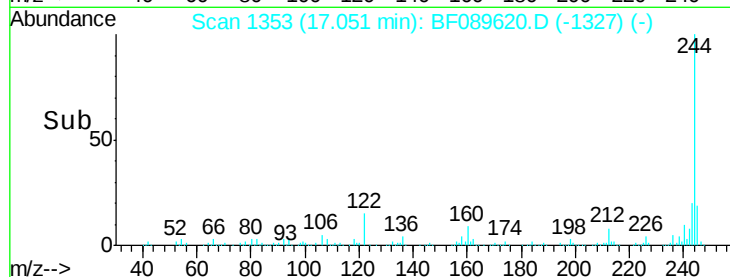
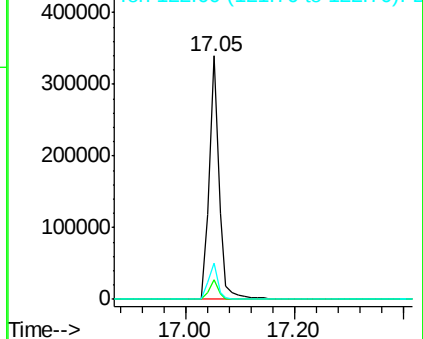
122 14.6 12.2 18.2



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: BF089620.D

Acq: 5 Aug 2016 9:12

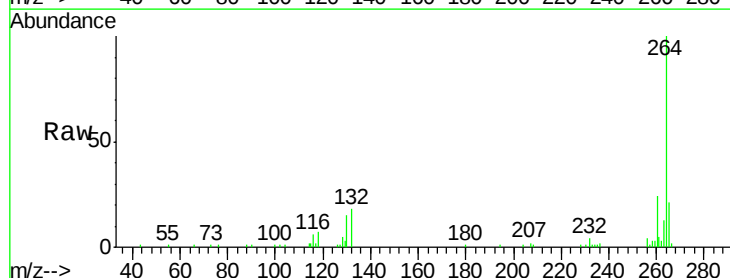
Tgt Ion:264 Resp: 78812

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 20.6 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

