

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089619.D
 Acq On : 5 Aug 2016 8:38
 Operator : UM/SJ
 Sample : H4288-25
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-66-6.5-15.0

Quant Time: Aug 05 13:48:20 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	44294	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	190708	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	92765	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	177003	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	118855	20.00	ng	0.00
86) Perylene-d12	20.05	264	85949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	172362	65.22	ng	0.02
7) Phenol-d6	6.98	99	161424	45.03	ng	0.00
23) Nitrobenzene-d5	8.35	82	302307	87.68	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	100358	131.10	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	587514	82.31	ng	0.00
78) Terphenyl-d14	17.05	244	482794	80.19	ng	0.00

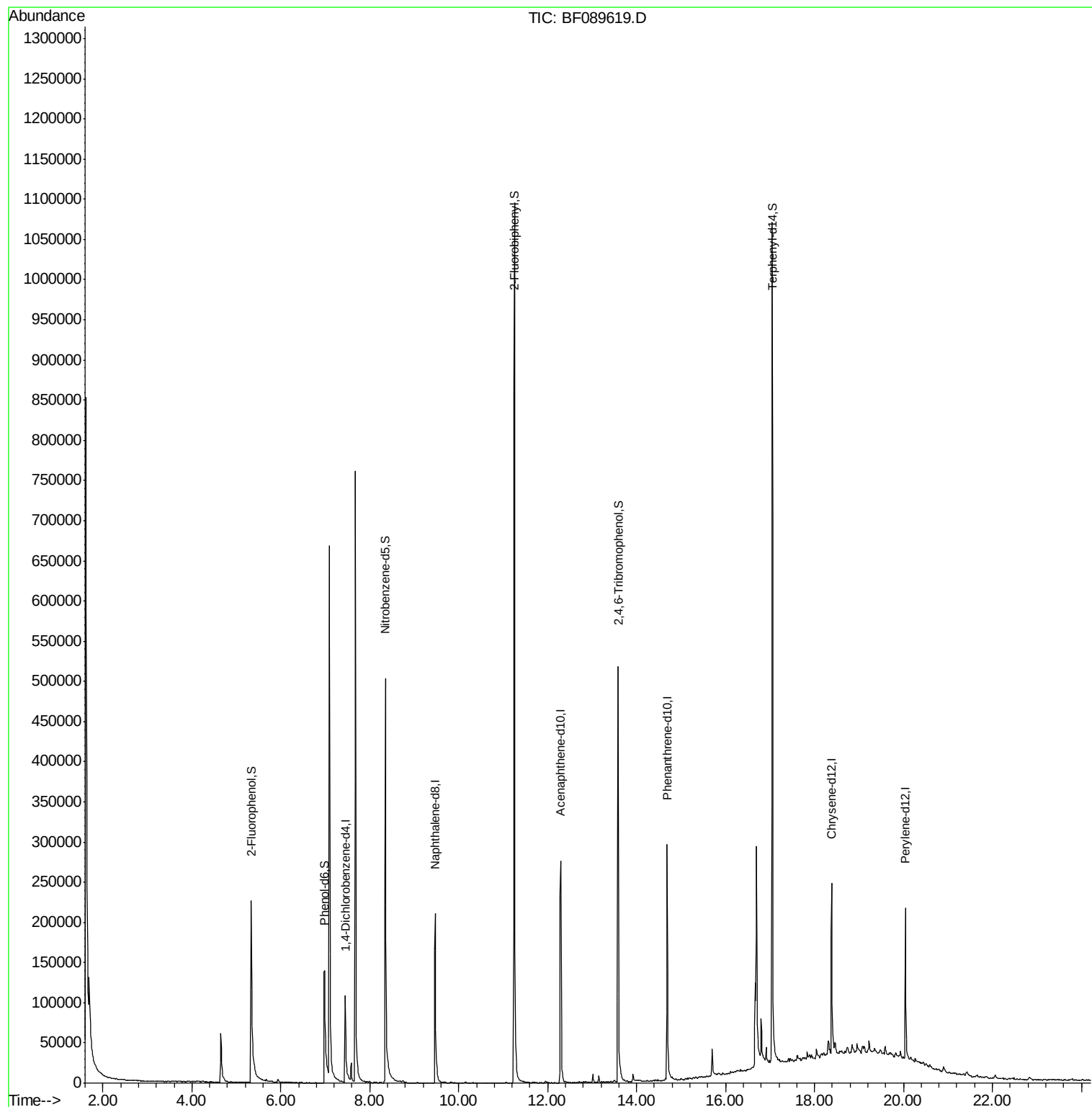
Target Compounds	Qvalue
------------------	--------

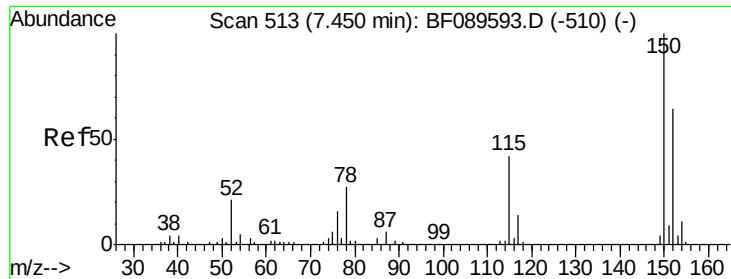
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089619.D
Acq On : 5 Aug 2016 8:38
Operator : UM/SJ
Sample : H4288-25
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-66-6.5-15.0

Quant Time: Aug 05 13:48:20 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



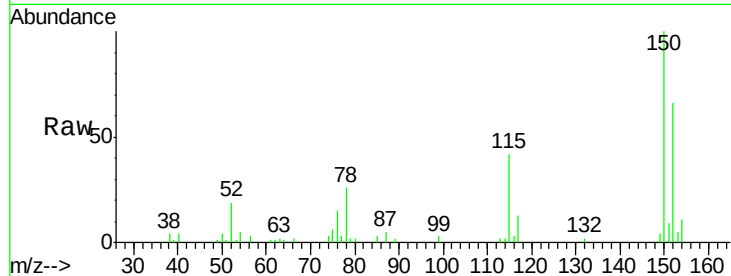


#1

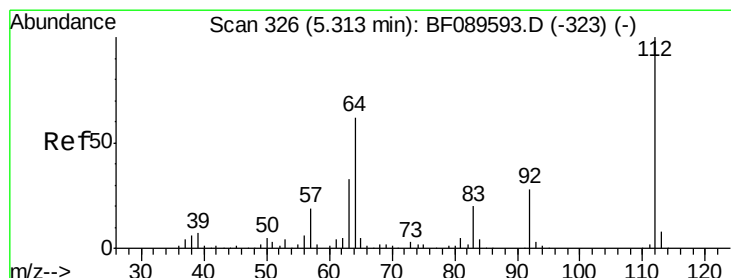
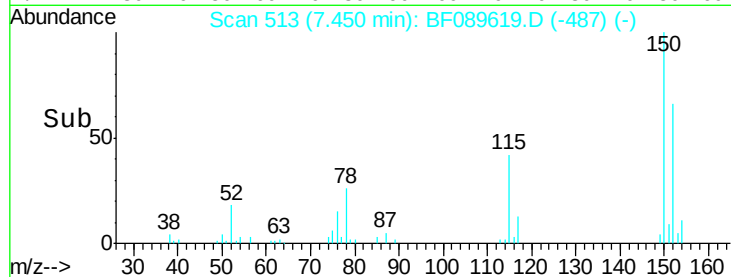
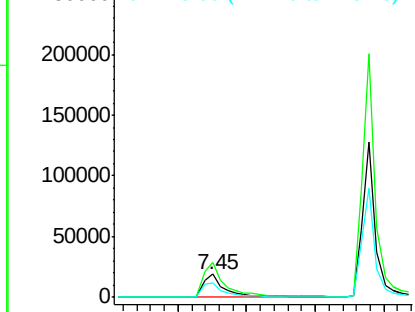
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089619.D
 Acq: 5 Aug 2016 8:38

Instrument :
 BNA_F
 ClientSampleId :
 GW-66-6.5-15.0

Tot Ion:152 Resp: 44294
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.5 188.3
 115 63.7 52.0 78.0



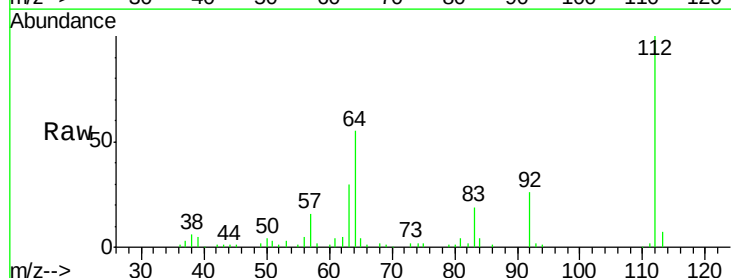
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



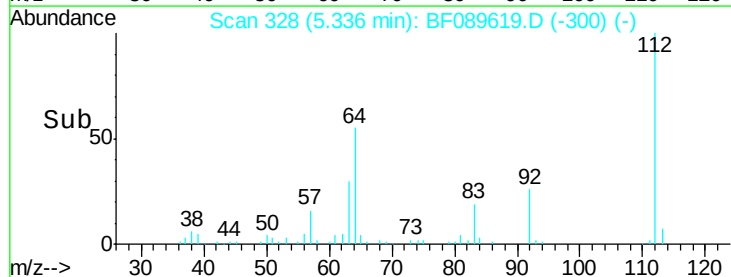
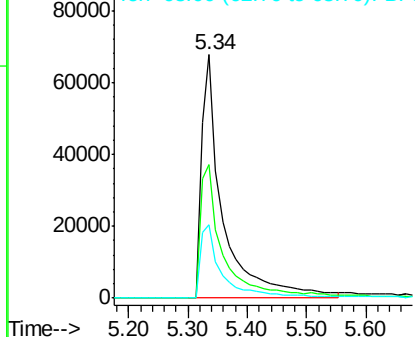
#5

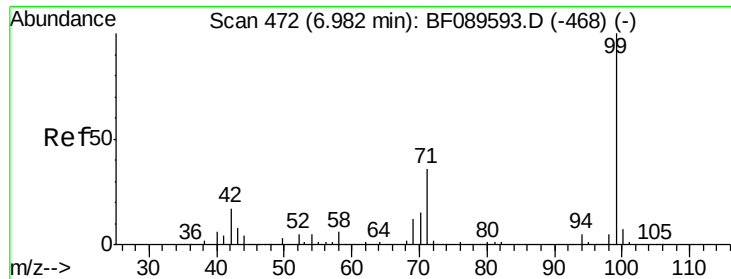
2-Fluorophenol
 Concen: 65.22 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.02 min
 Lab File: BF089619.D
 Acq: 5 Aug 2016 8:38

Tgt Ion:112 Resp: 172362
 Ion Ratio Lower Upper
 112 100
 64 55.1 49.9 74.9
 63 30.1 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: 45.03 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089619.D

Acq: 5 Aug 2016 8:38

Instrument :

BNA_F

ClientSampleId :

GW-66-6.5-15.0

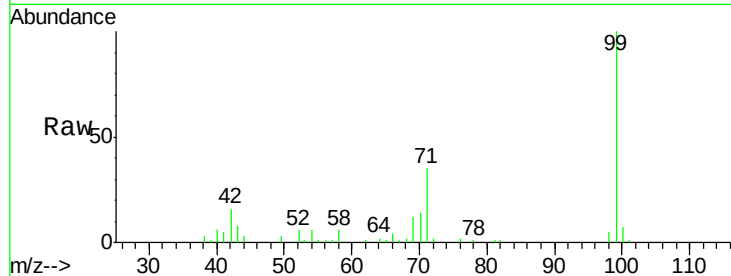
Tot Ion: 99 Resp: 161424

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

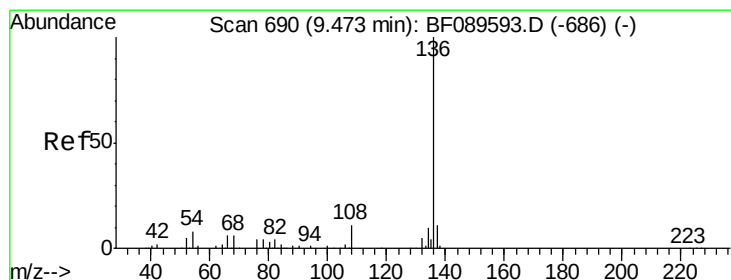
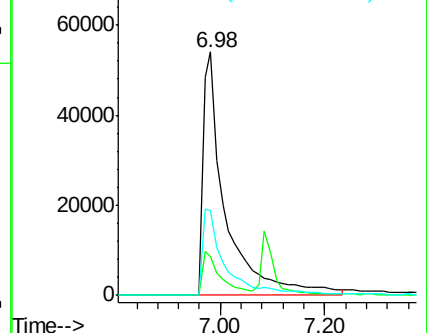
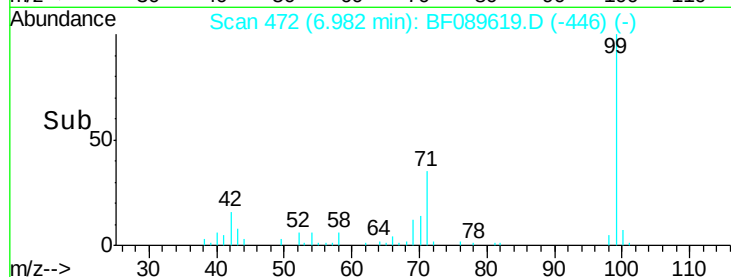
71 34.8 29.0 43.4



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: BF089619.D

Acq: 5 Aug 2016 8:38

Tgt Ion: 136 Resp: 190708

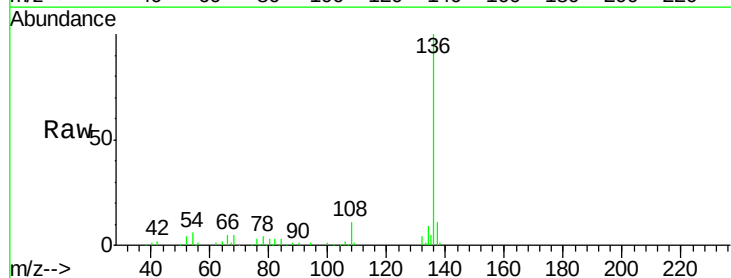
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.5 6.0 9.0

68 5.3 4.6 6.8

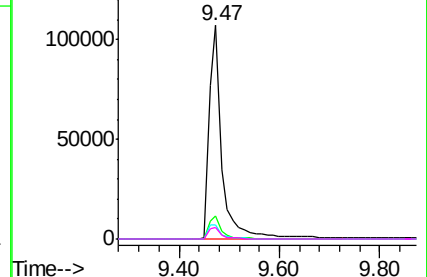
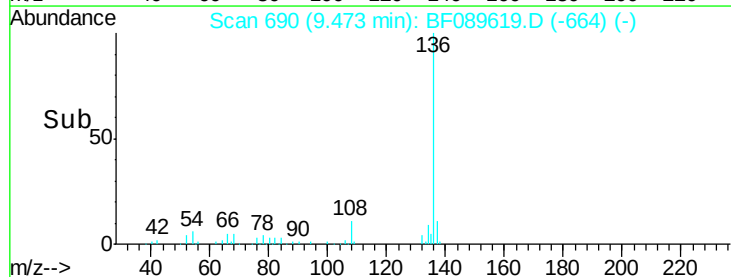


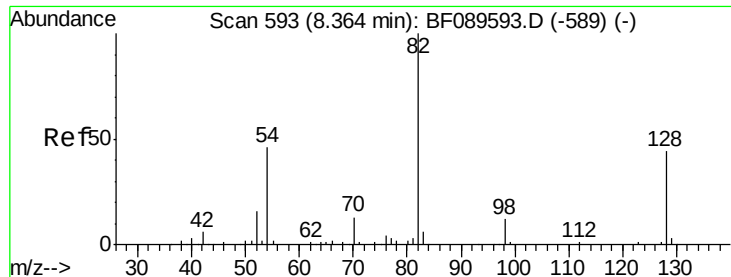
Abundance Ion 136.00 (135.70 to 136.70): E

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

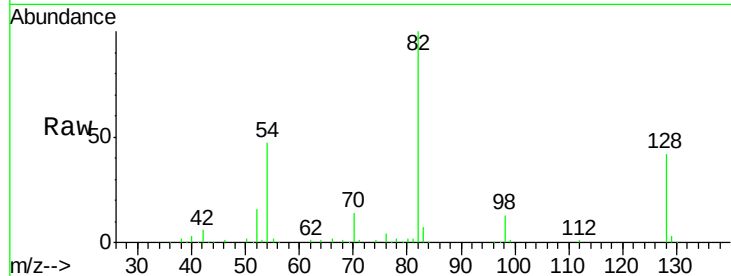




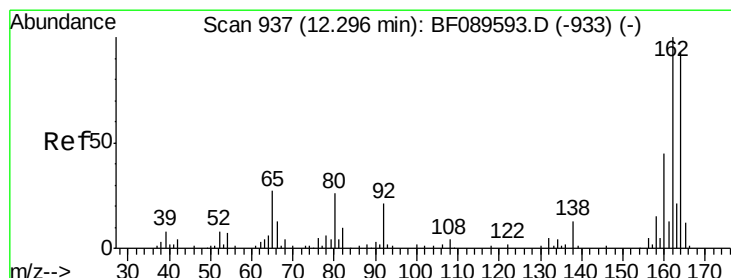
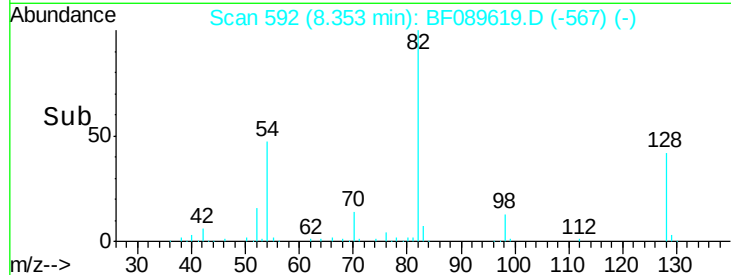
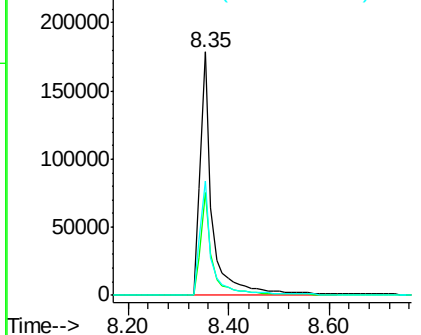
#23
 Nitrobenzene-d5
 Concen: 87.68 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089619.D
 Acq: 5 Aug 2016 8:38

Instrument :
 BNA_F
 ClientSampleId :
 GW-66-6.5-15.0

Tot Ion	82	Resp	302307
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.4	53.0
54	47.0	36.4	54.6

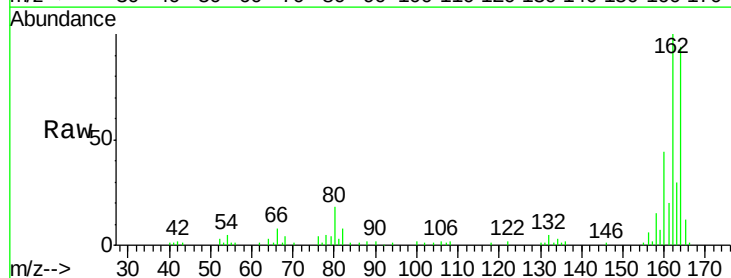


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

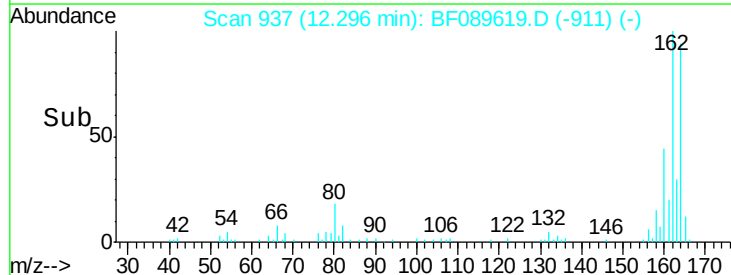
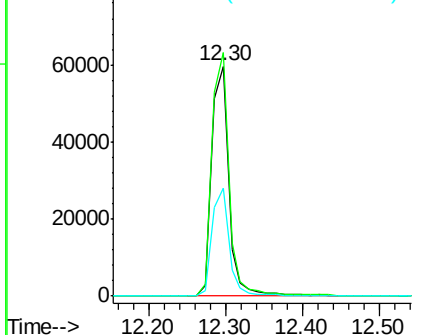


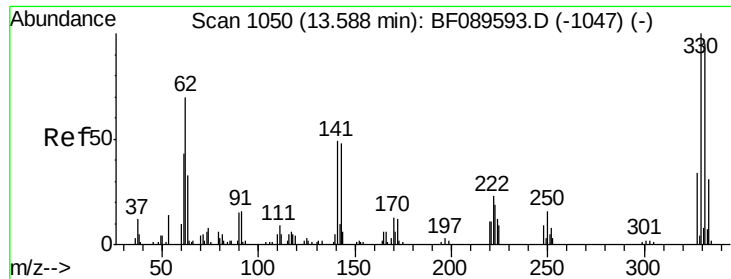
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089619.D
 Acq: 5 Aug 2016 8:38

Tgt Ion	164	Resp	92765
Ion Ratio	Lower	Upper	
164	100		
162	105.9	85.7	128.5
160	46.7	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

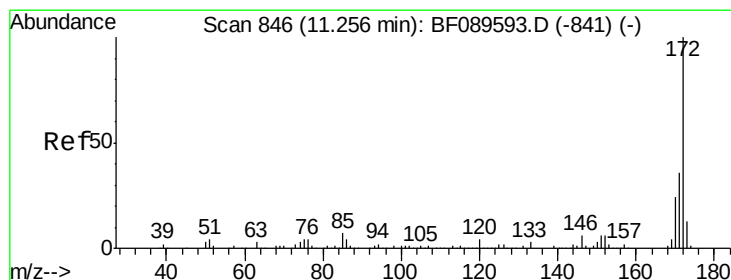
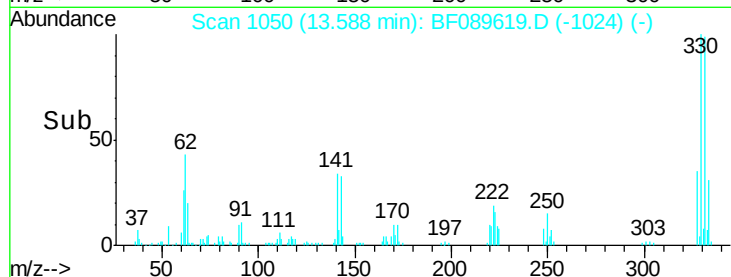
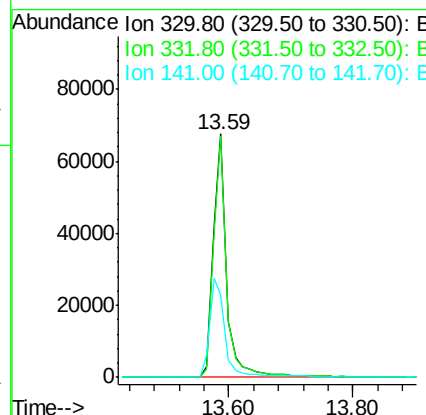
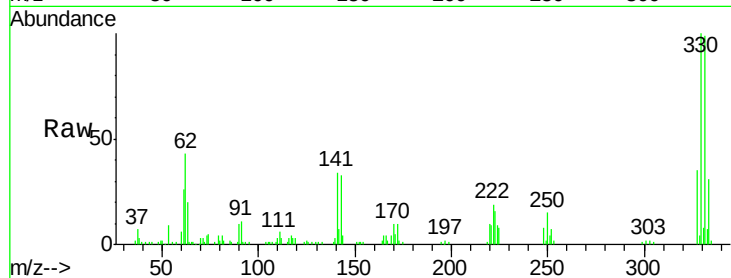




#41
 2,4,6-Tribromophenol
 Concen: 131.10 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089619.D
 Acq: 5 Aug 2016 8:38

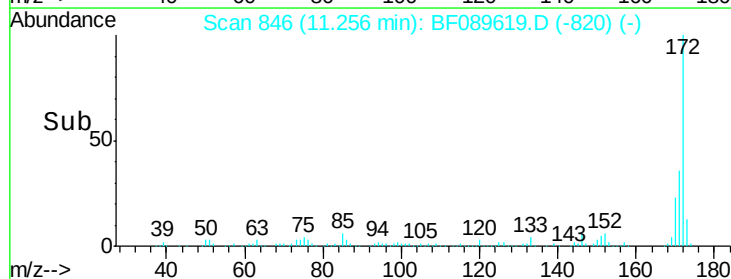
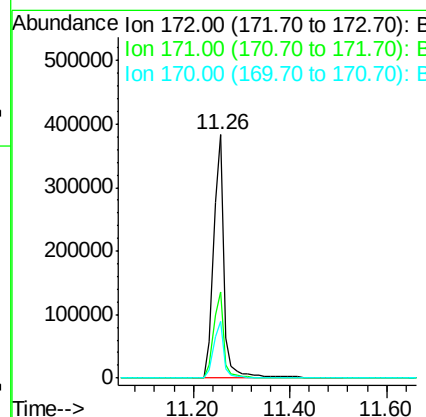
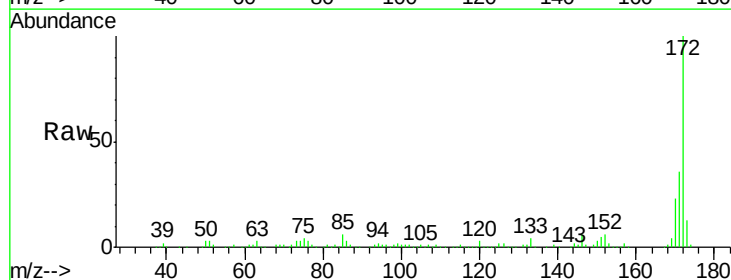
Instrument :
 BNA_F
 ClientSampleId :
 GW-66-6.5-15.0

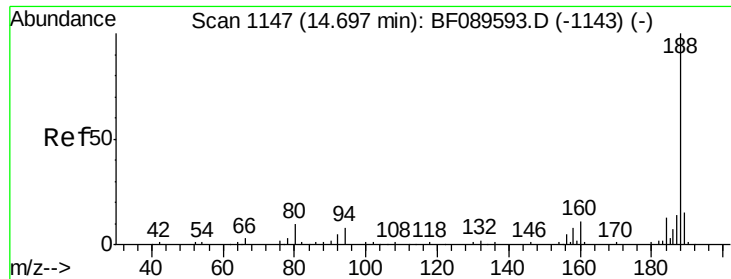
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	47.2	38.6	57.8



#44
 2-Fluorobiphenyl
 Concen: 82.31 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089619.D
 Acq: 5 Aug 2016 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.3	19.0	28.6

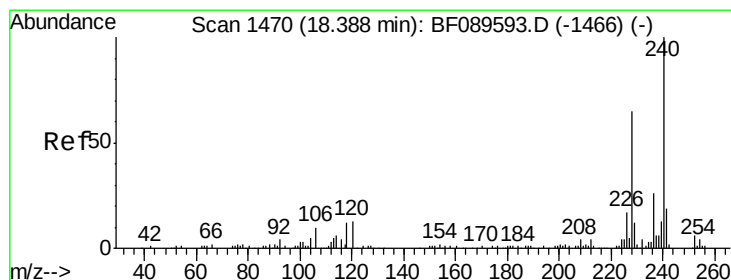
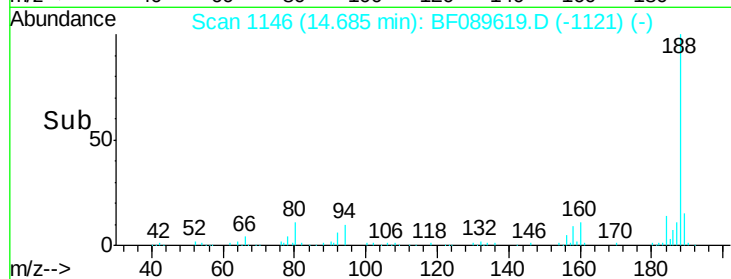
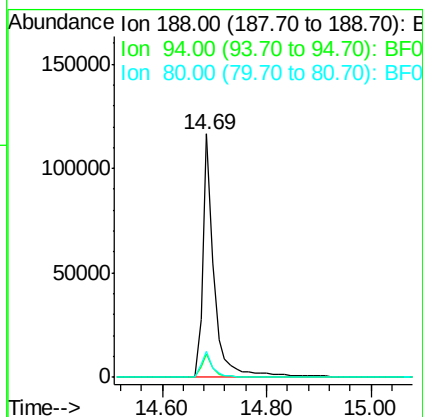
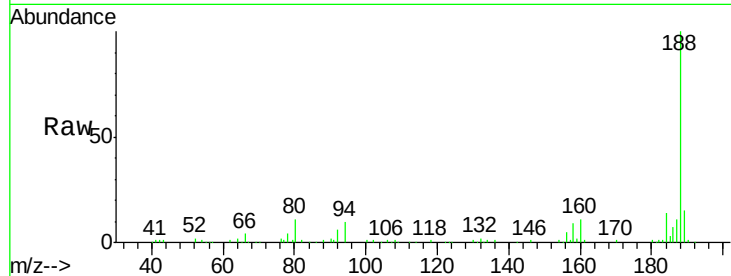




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089619.D
Acq: 5 Aug 2016 8:38

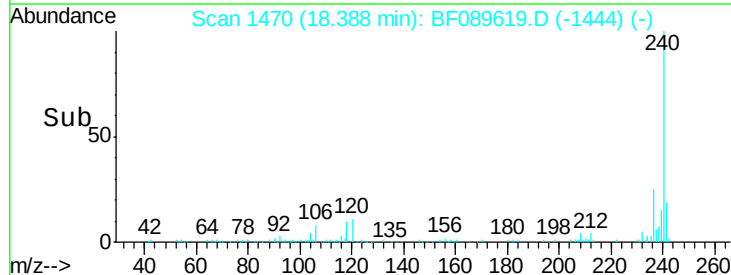
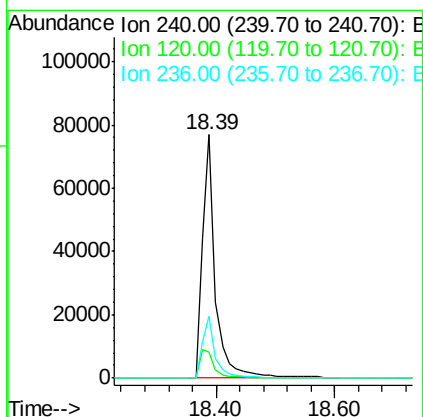
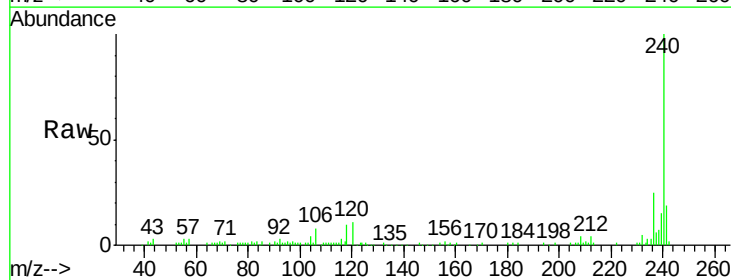
Instrument :
BNA_F
ClientSampleId :
GW-66-6.5-15.0

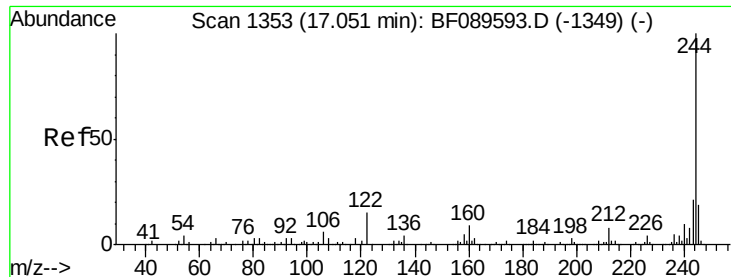
Tot Ion:188 Resp: 177003
Ion Ratio Lower Upper
188 100
94 9.6 6.5 9.7
80 10.8 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089619.D
Acq: 5 Aug 2016 8:38

Tgt Ion:240 Resp: 118855
Ion Ratio Lower Upper
240 100
120 10.8 10.6 15.8
236 25.3 20.6 30.8





#78

Terphenyl-d14

Concen: 80.19 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089619.D

Acq: 5 Aug 2016 8:38

Instrument :

BNA_F

ClientSampleId :

GW-66-6.5-15.0

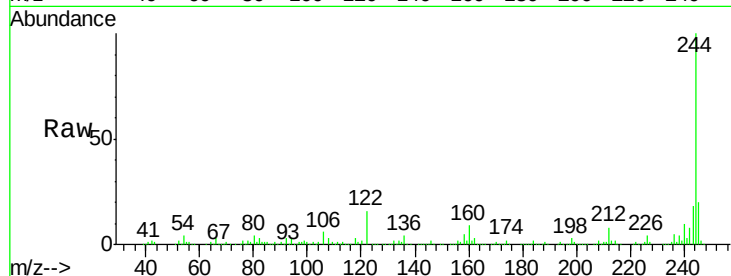
Tot Ion:244 Resp: 482794

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

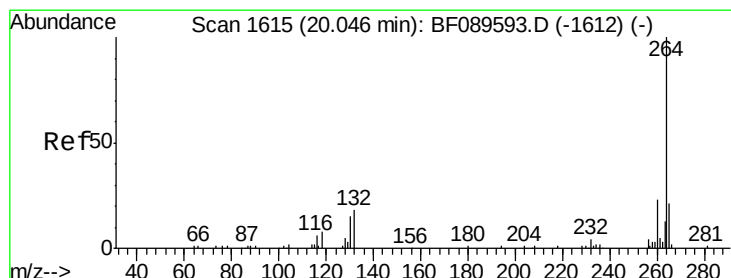
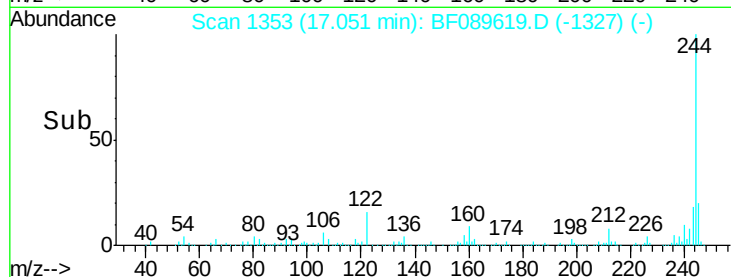
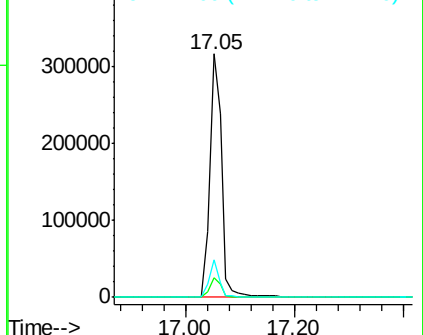
122 15.6 12.2 18.2



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: BF089619.D

Acq: 5 Aug 2016 8:38

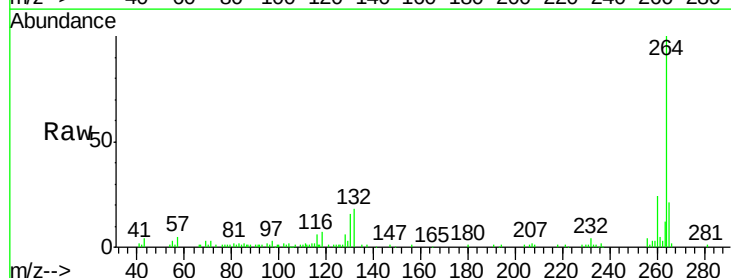
Tgt Ion:264 Resp: 85949

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.3 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

