

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089621.D
 Acq On : 5 Aug 2016 9:45
 Operator : UM/SJ
 Sample : H4287-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-59-9.6-19.0

Quant Time: Aug 05 13:52:18 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

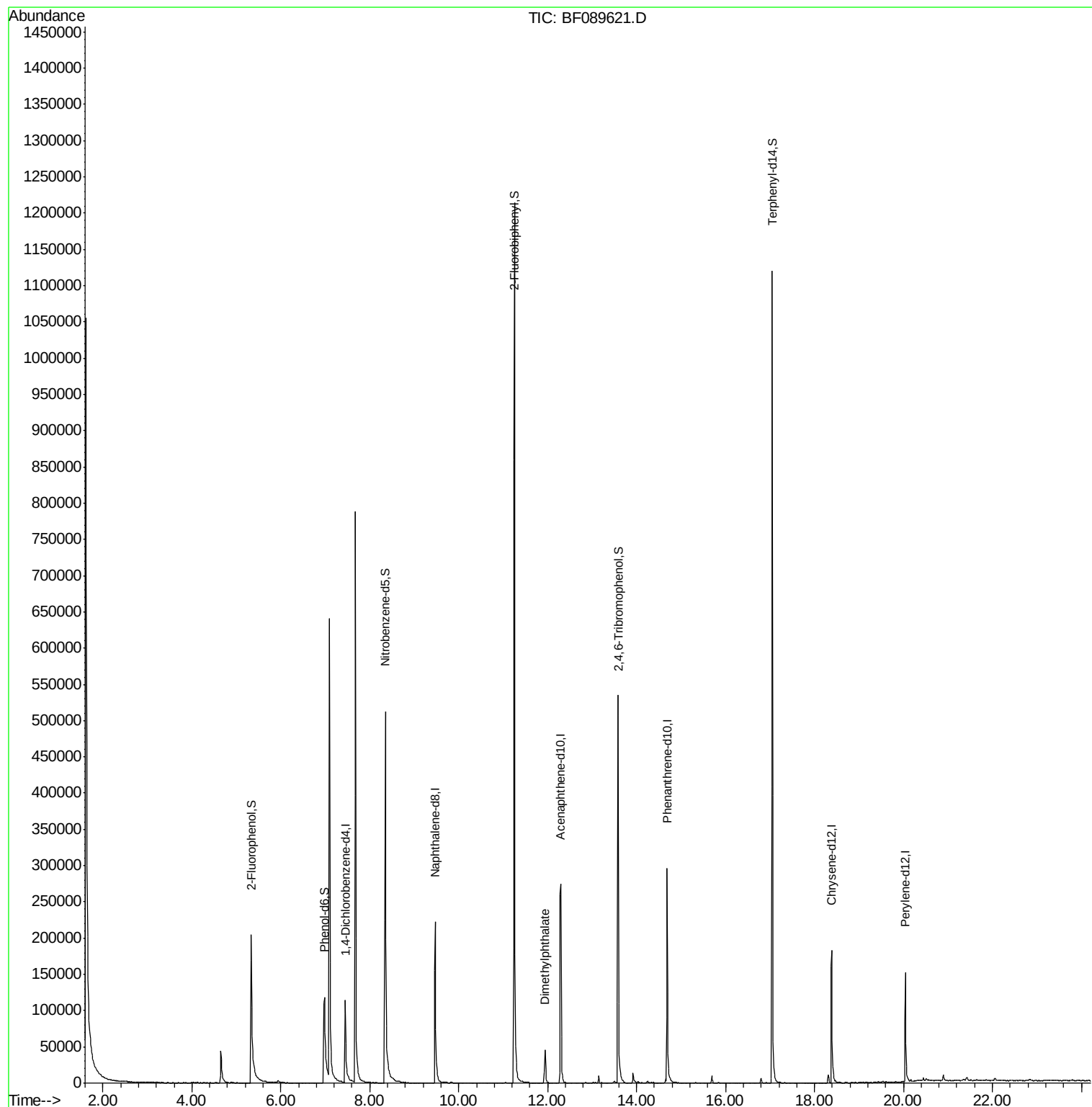
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	46123	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	199168	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	97265	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	183280	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	119236	20.00	ng	0.00
86) Perylene-d12	20.05	264	85410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	160373	58.28	ng	0.02
7) Phenol-d6	6.98	99	141561	37.92	ng	0.00
23) Nitrobenzene-d5	8.35	82	316227	87.82	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	103138	128.49	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	618687	82.67	ng	0.00
78) Terphenyl-d14	17.05	244	458519	75.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	32831	4.31	ng	100

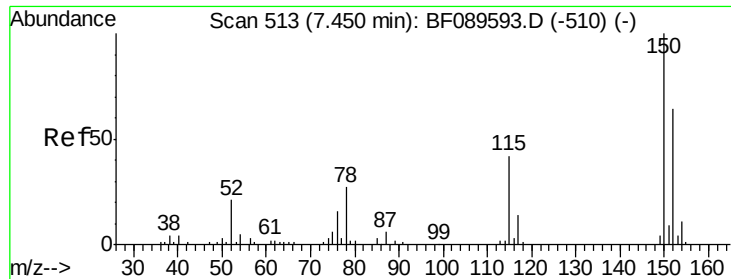
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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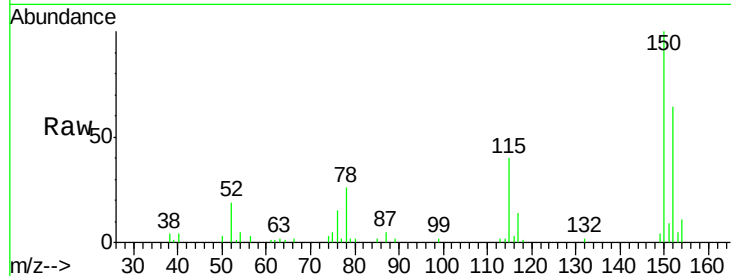


#1

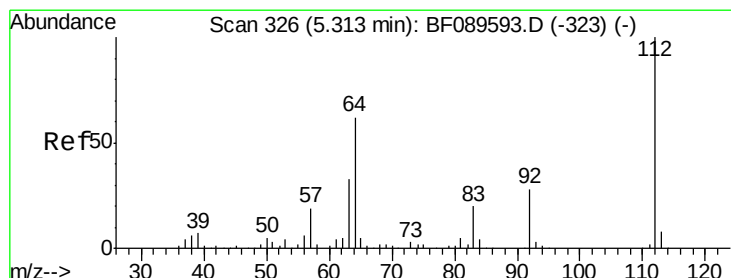
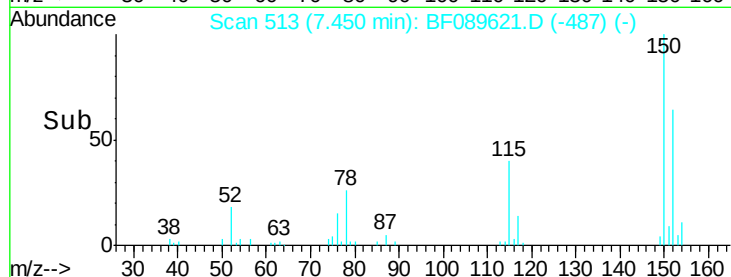
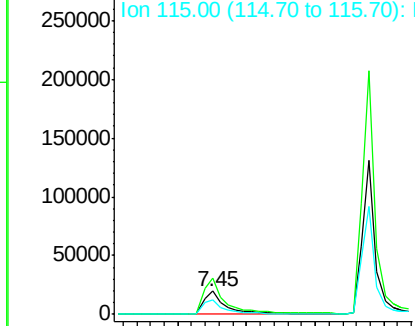
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089621.D
Acq: 5 Aug 2016 9:45

Instrument :
BNA_F
ClientSampleId :
GW-59-9.6-19.0

Tot Ion:152 Resp: 46123
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 63.0 52.0 78.0



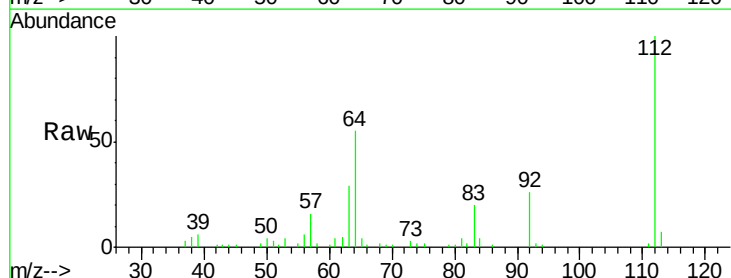
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



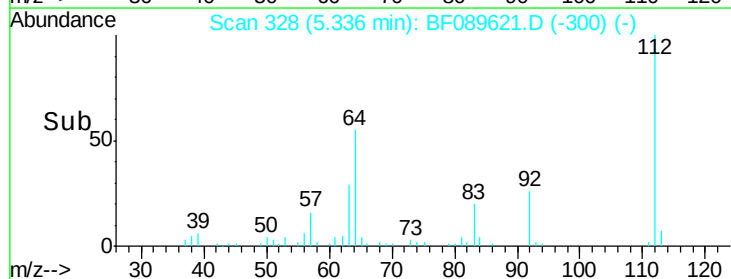
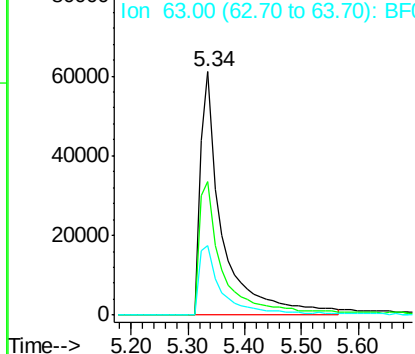
#5

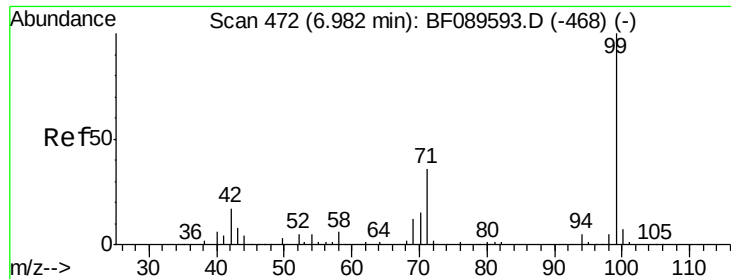
2-Fluorophenol
Concen: 58.28 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089621.D
Acq: 5 Aug 2016 9:45

Tgt Ion:112 Resp: 160373
Ion Ratio Lower Upper
112 100
64 54.9 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: 37.92 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089621.D

Acq: 5 Aug 2016 9:45

Instrument :

BNA_F

ClientSampleId :

GW-59-9.6-19.0

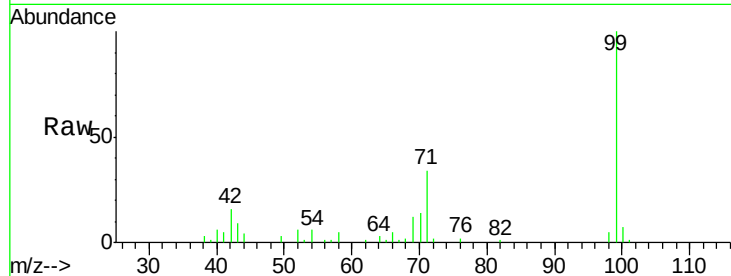
Tot Ion: 99 Resp: 141561

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

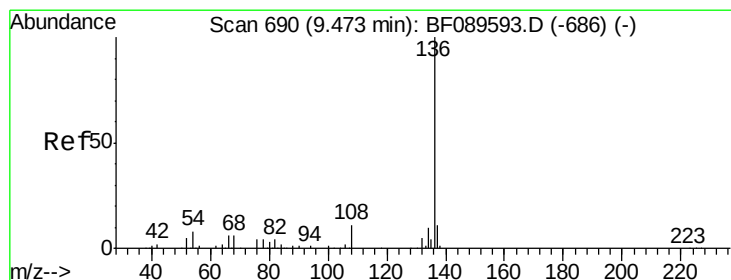
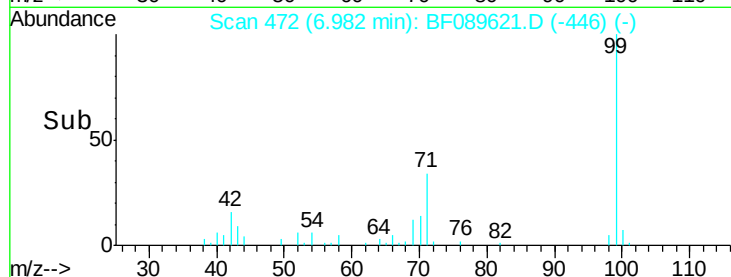
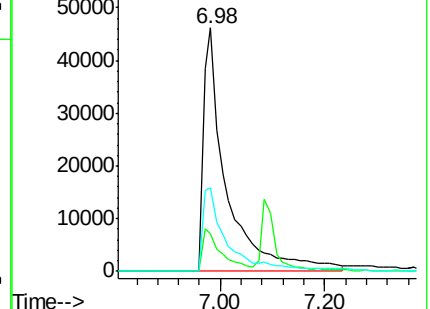
71 34.4 29.0 43.4



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: BF089621.D

Acq: 5 Aug 2016 9:45

Tgt Ion: 136 Resp: 199168

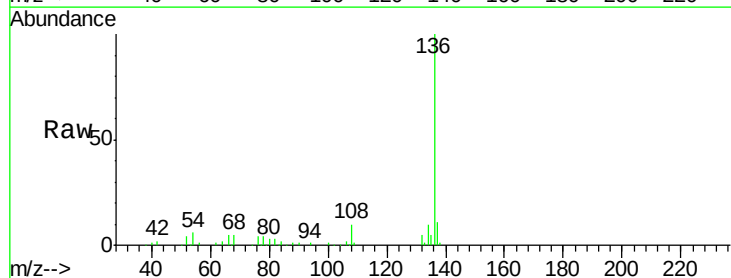
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.3 6.0 9.0

68 5.1 4.6 6.8

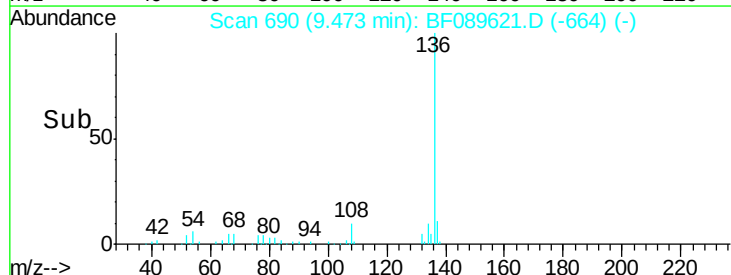
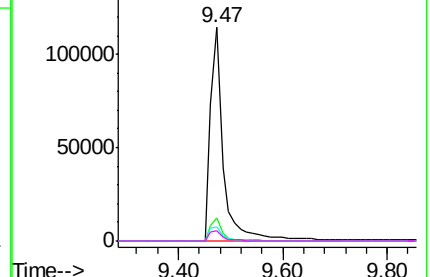


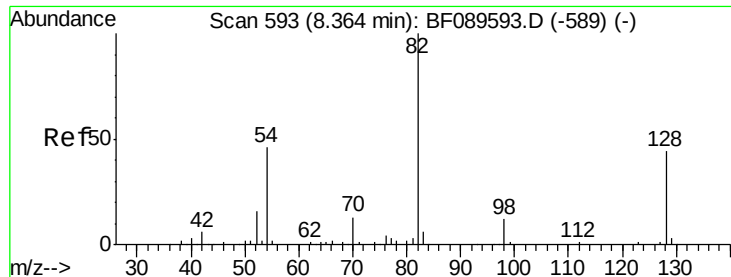
Abundance Ion 136.00 (135.70 to 136.70): E

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

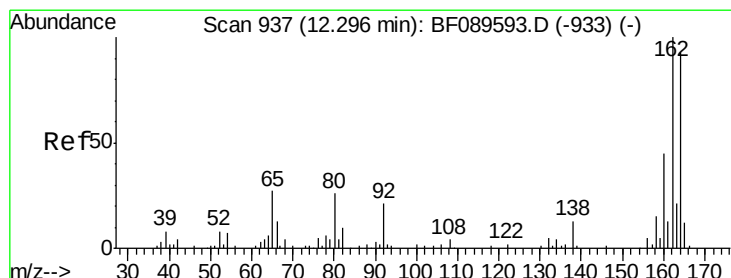
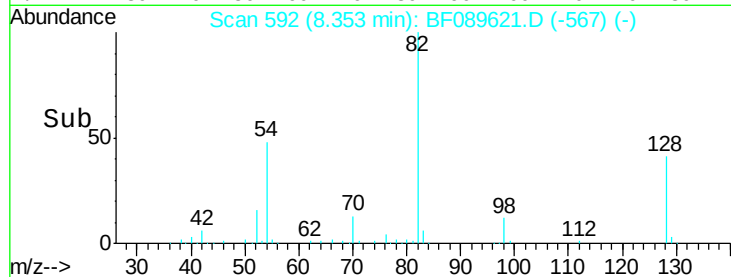
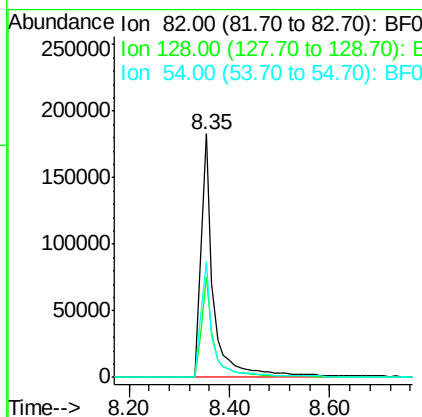
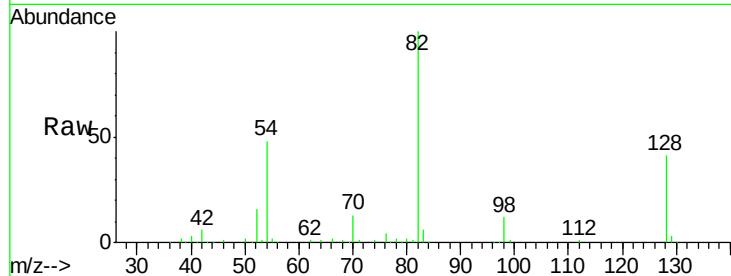




#23
 Nitrobenzene-d5
 Concen: 87.82 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089621.D
 Acq: 5 Aug 2016 9:45

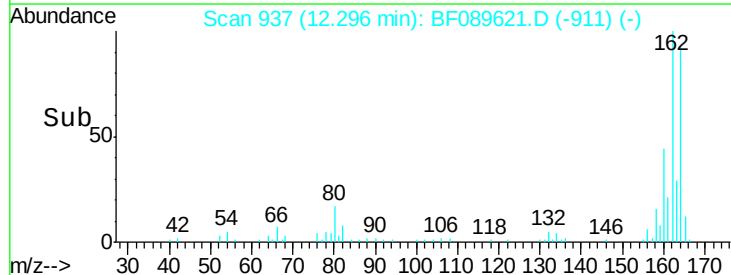
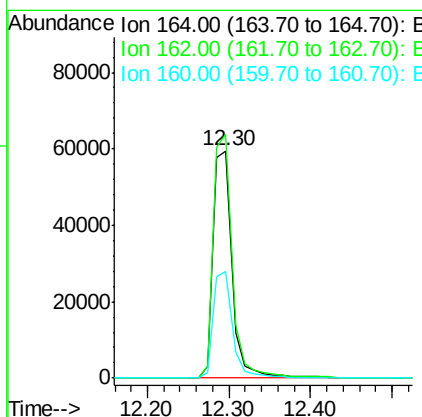
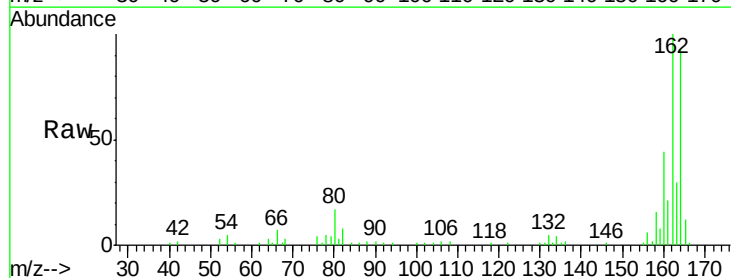
Instrument :
 BNA_F
 ClientSampleId :
 GW-59-9.6-19.0

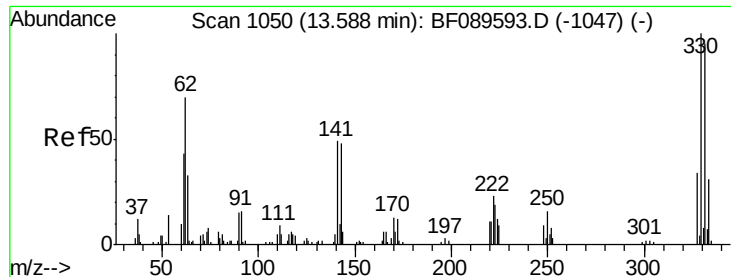
Tot Ion	82	Resp	316227
Ion Ratio	Lower	Upper	
82	100		
128	41.3	35.4	53.0
54	47.6	36.4	54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089621.D
 Acq: 5 Aug 2016 9:45

Tgt Ion	164	Resp	97265
Ion Ratio	Lower	Upper	
164	100		
162	107.0	85.7	128.5
160	47.0	38.2	57.4

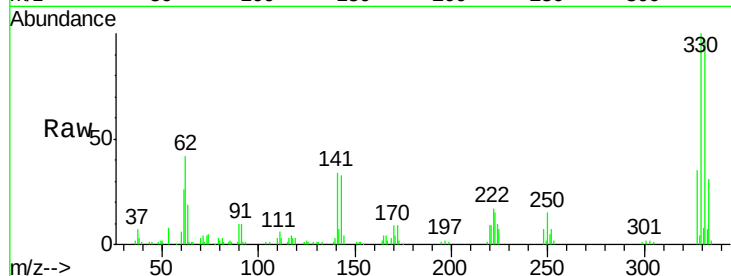




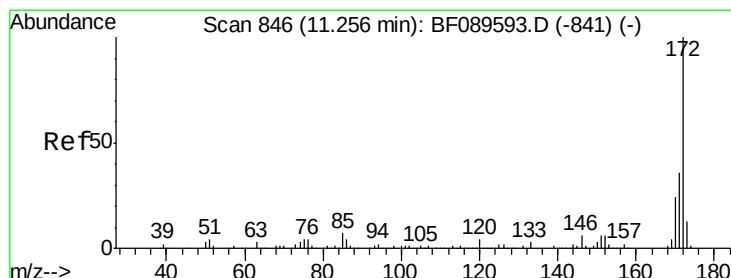
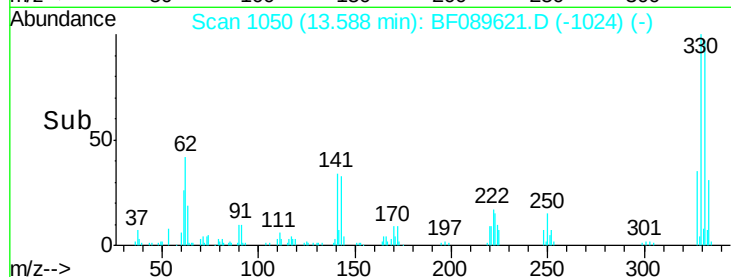
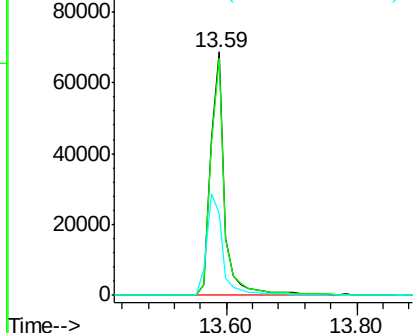
#41
 2,4,6-Tribromophenol
 Concen: 128.49 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089621.D
 Acq: 5 Aug 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-59-9.6-19.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	47.5	38.6	57.8

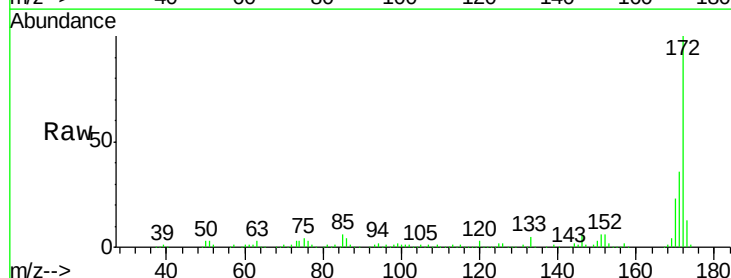


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

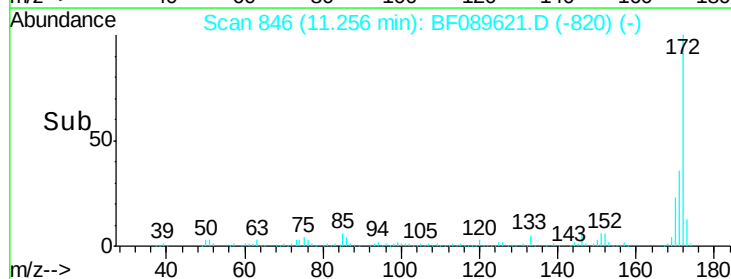
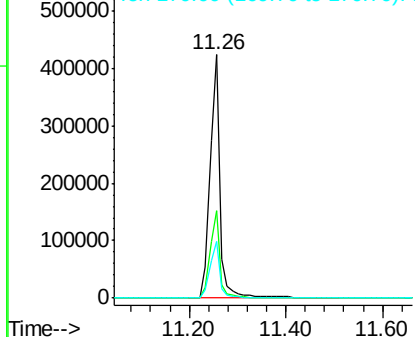


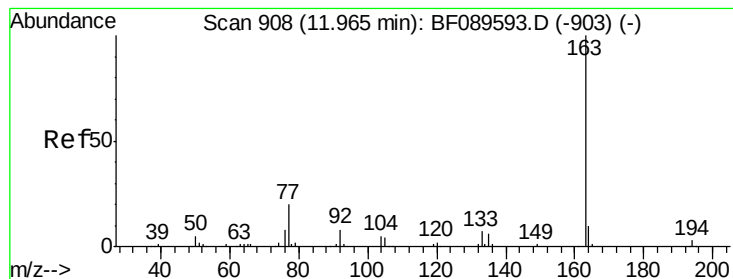
#44
 2-Fluorobiphenyl
 Concen: 82.67 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089621.D
 Acq: 5 Aug 2016 9:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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





#49

Dimethylphthalate

Concen: 4.31 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089621.D

Acq: 5 Aug 2016 9:45

Instrument :

BNA_F

ClientSampleId :

GW-59-9.6-19.0

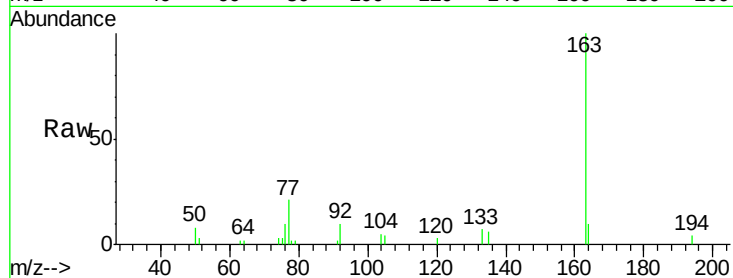
Tot Ion:163 Resp: 32831

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

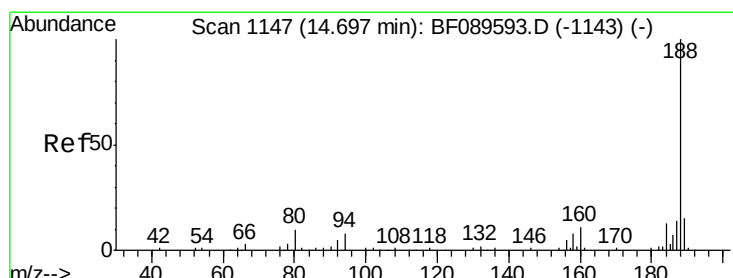
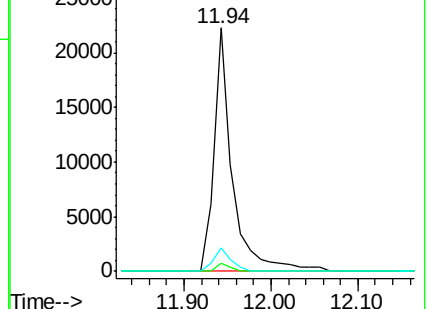
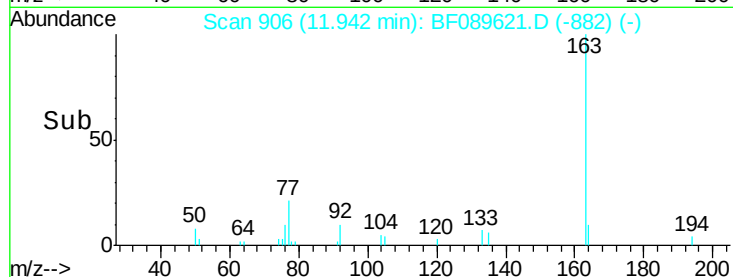
164 9.8 7.8 11.6



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: BF089621.D

Acq: 5 Aug 2016 9:45

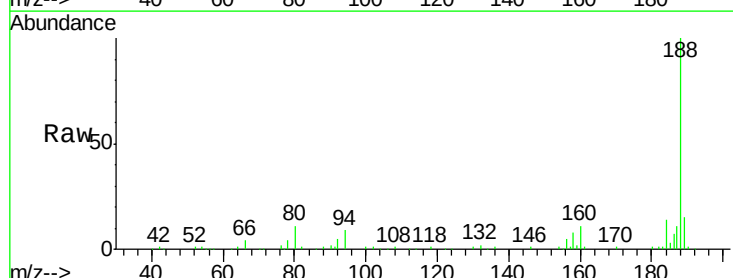
Tgt Ion:188 Resp: 183280

Ion Ratio Lower Upper

188 100

94 9.3 6.5 9.7

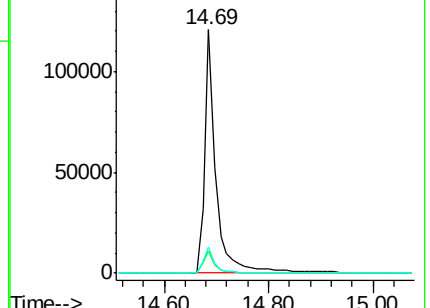
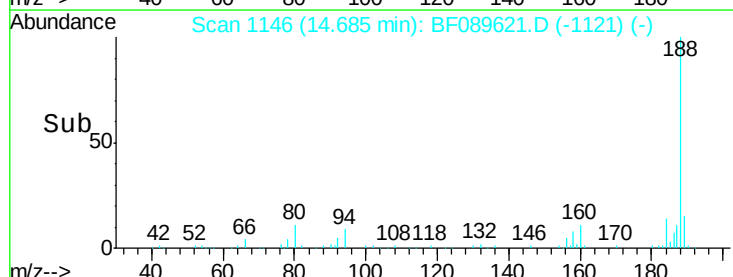
80 10.5 8.0 12.0

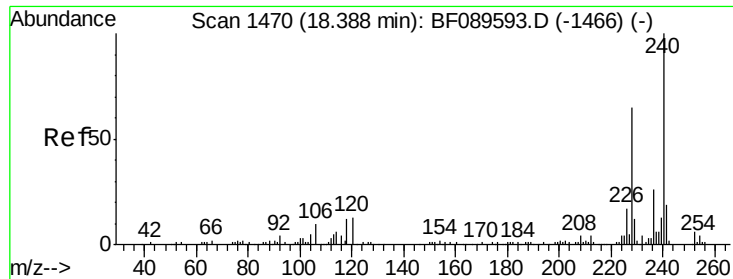


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF089621.D

Acq: 5 Aug 2016 9:45

Instrument :

BNA_F

ClientSampleId :

GW-59-9.6-19.0

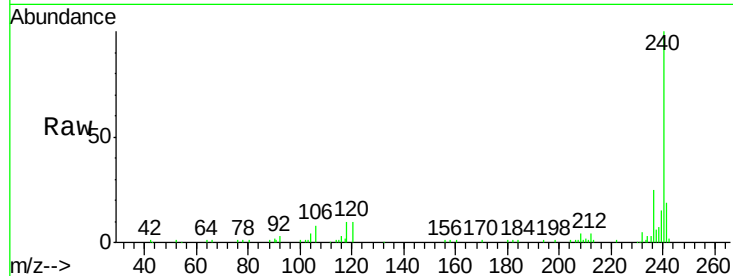
Tot Ion:240 Resp: 119236

Ion Ratio Lower Upper

240 100

120 9.8 10.6 15.8#

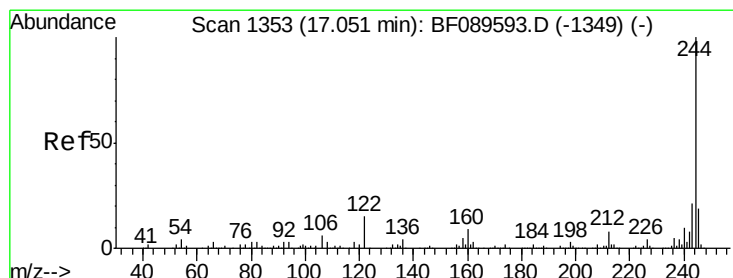
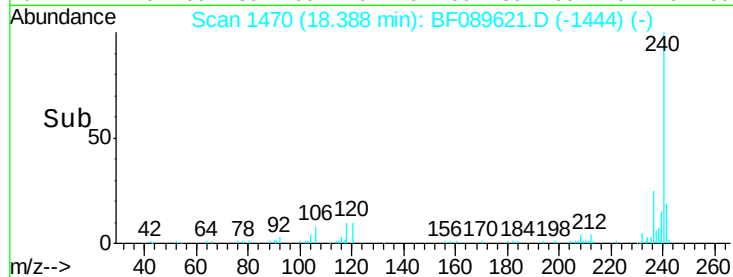
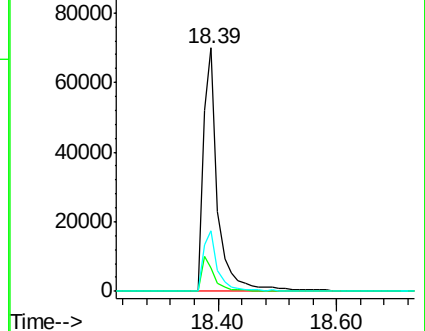
236 25.1 20.6 30.8



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: 75.91 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089621.D

Acq: 5 Aug 2016 9:45

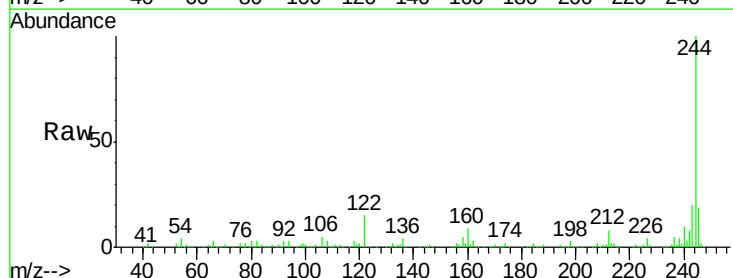
Tgt Ion:244 Resp: 458519

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

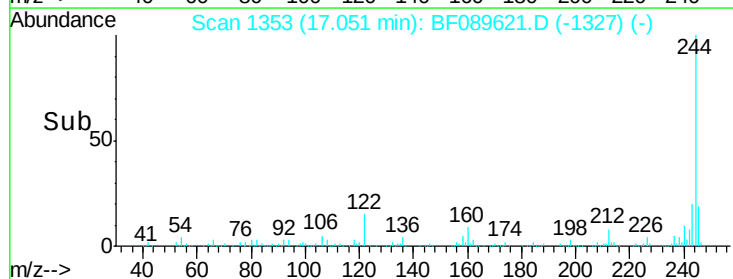
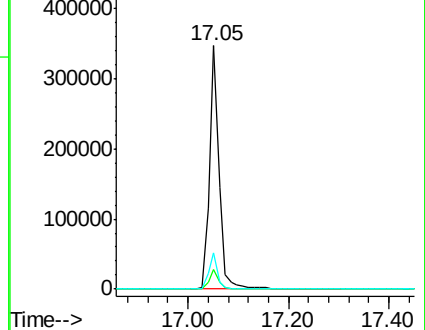
122 14.9 12.2 18.2

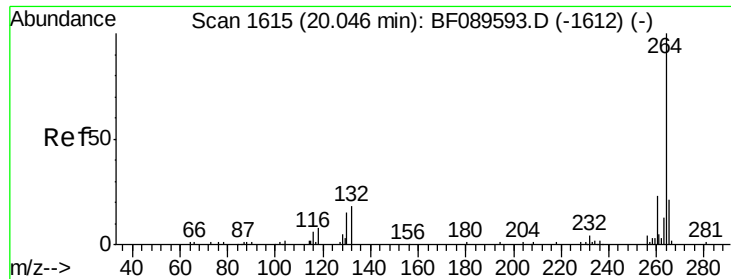


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

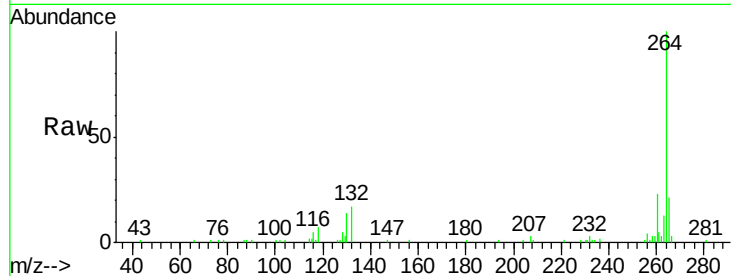




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089621.D
 Acq: 5 Aug 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-59-9.6-19.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	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

