

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088223.D
 Acq On : 21 Jun 2016 20:15
 Operator : UM/SJ
 Sample : H3682-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Quant Time: Jun 22 01:04:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	81360	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	311026	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	145595	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	278145	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	219238	20.00	ng	-0.01
86) Perylene-d12	15.17	264	158398	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	288416	60.60	ng	-0.01
7) Phenol-d6	6.30	99	226867	39.33	ng	-0.03
23) Nitrobenzene-d5	7.22	82	430658	80.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	182320	118.60	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	827818	89.62	ng	-0.02
78) Terphenyl-d14	12.75	244	799448	82.98	ng	-0.01

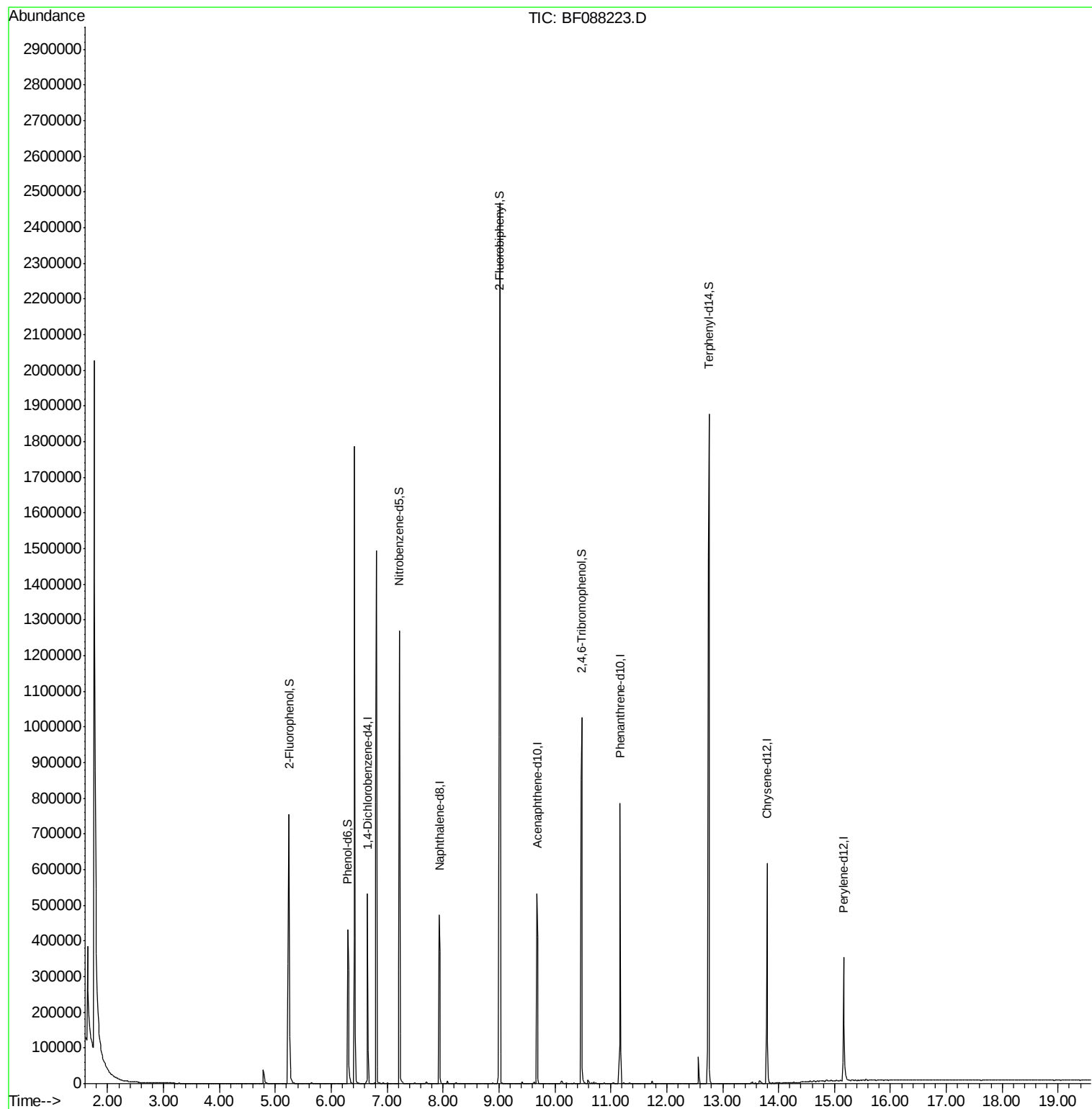
Target Compounds Qvalue

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

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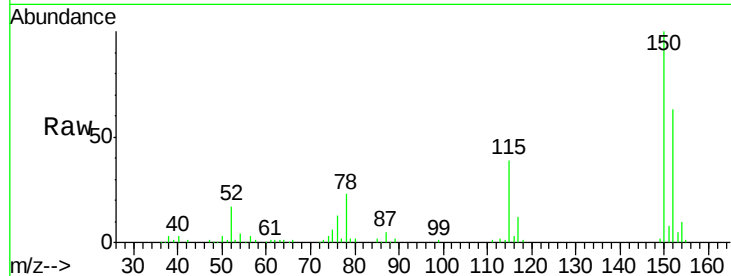


#1

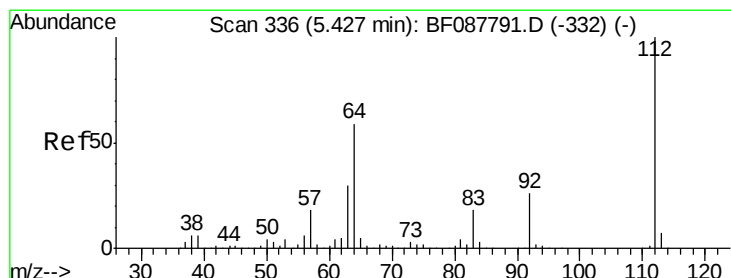
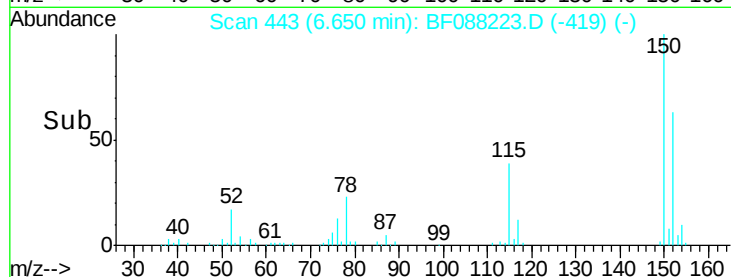
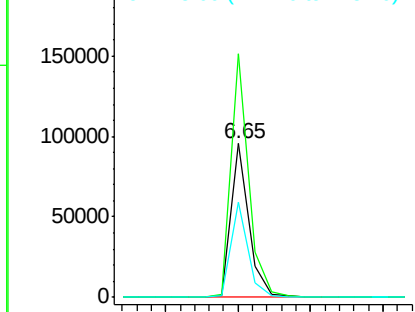
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF088223.D
 Acq: 21 Jun 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:152 Resp: 81360
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.8 185.6
 115 61.7 39.6 59.4#



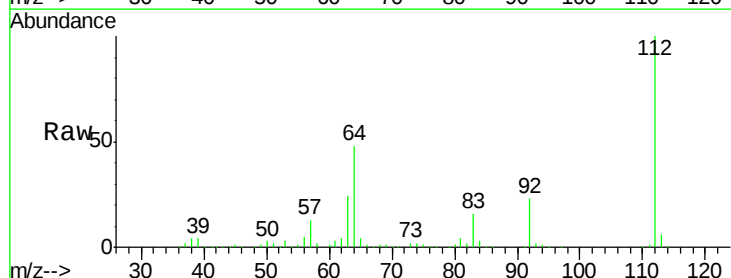
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



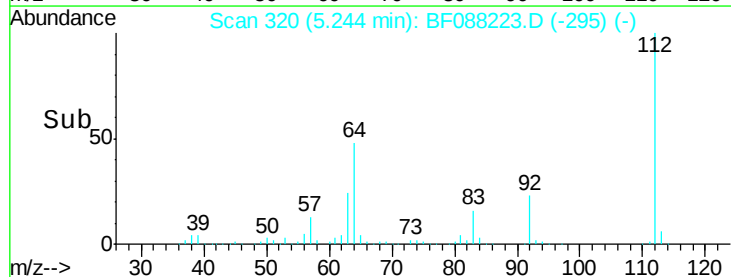
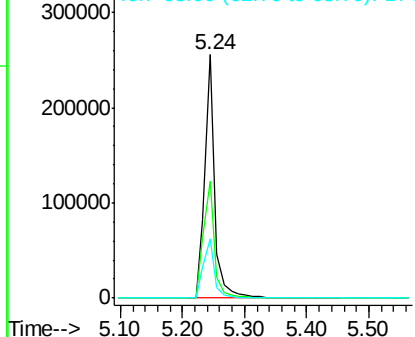
#5

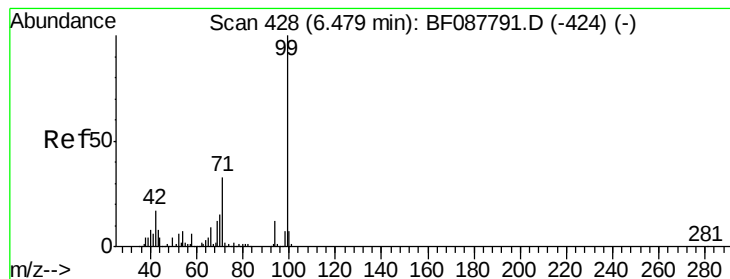
2-Fluorophenol
 Concen: 60.60 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF088223.D
 Acq: 21 Jun 2016 20:15

Tgt Ion:112 Resp: 288416
 Ion Ratio Lower Upper
 112 100
 64 48.0 42.2 63.2
 63 24.2 21.8 32.8



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: 39.33 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF088223.D

Acq: 21 Jun 2016 20:15

Instrument :

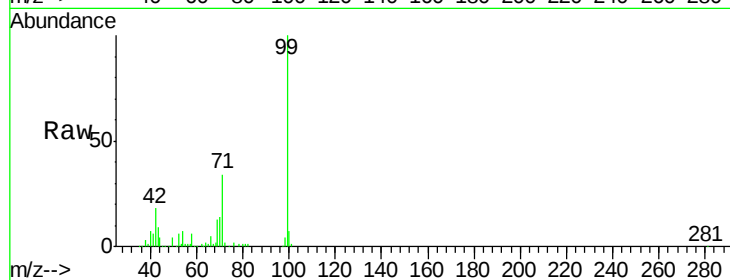
BNA_F

ClientSampleId :

GW-2

Tot Ion: 99 Resp: 226867

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	34.4	23.4	35.0

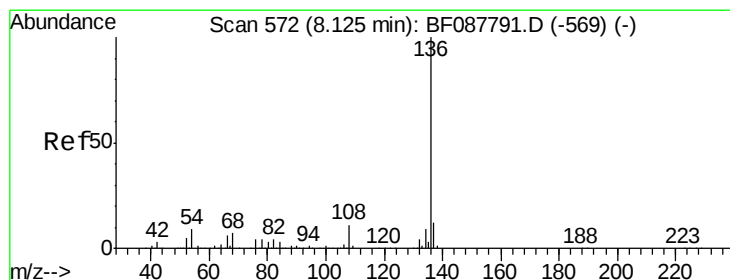
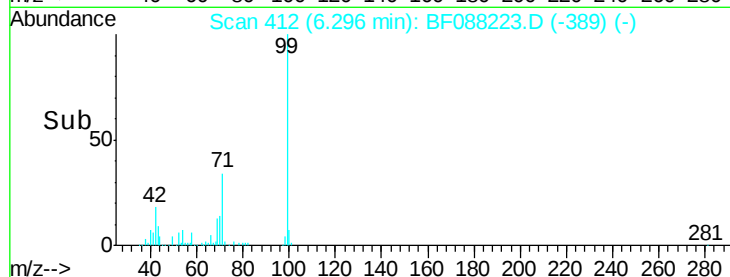
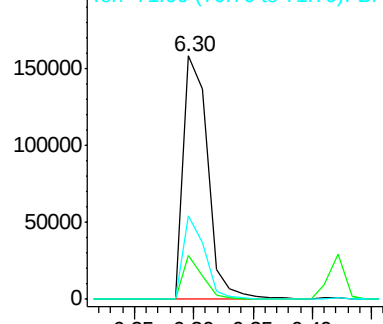


Abundance

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: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF088223.D

Acq: 21 Jun 2016 20:15

Tgt Ion: 136 Resp: 311026

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.2	6.6	10.0
68	7.1	5.1	7.7

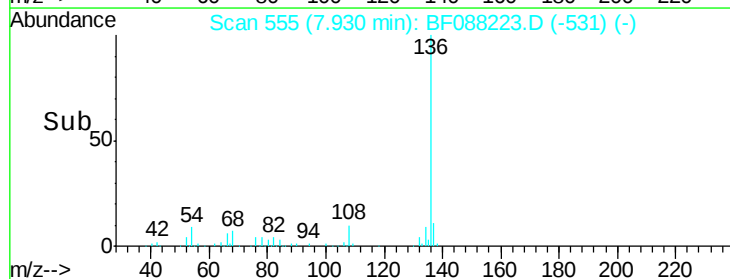
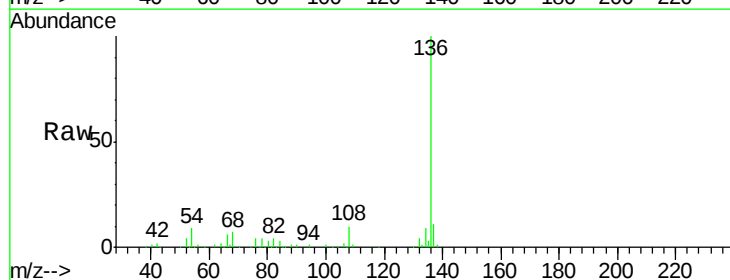
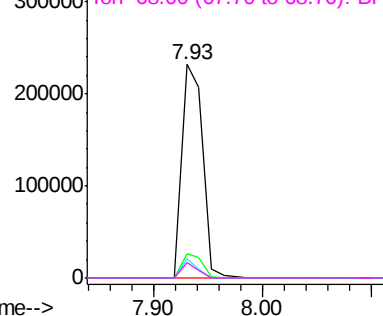
Abundance

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

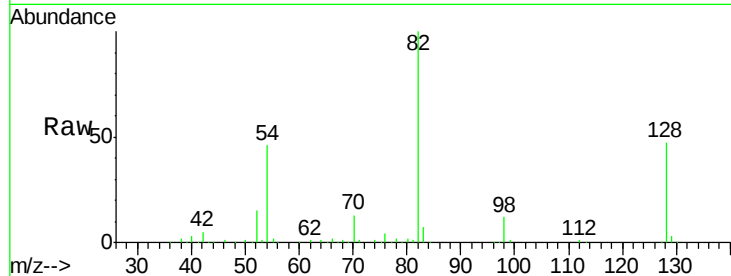




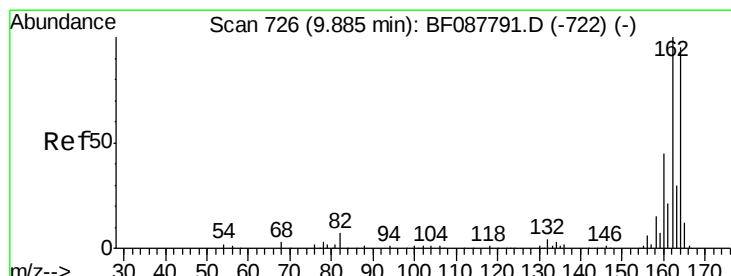
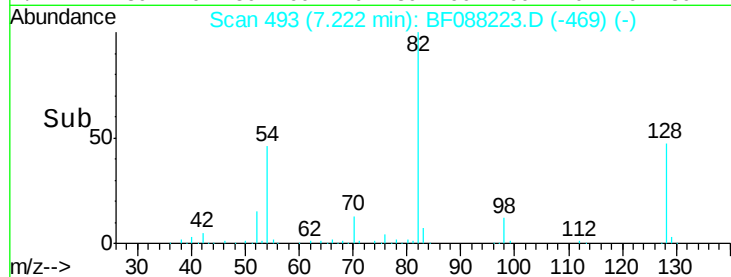
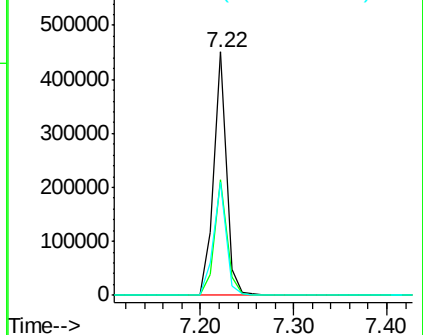
#23
 Nitrobenzene-d5
 Concen: 80.85 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF088223.D
 Acq: 21 Jun 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion: 82 Resp: 430658
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 46.3 40.9 61.3

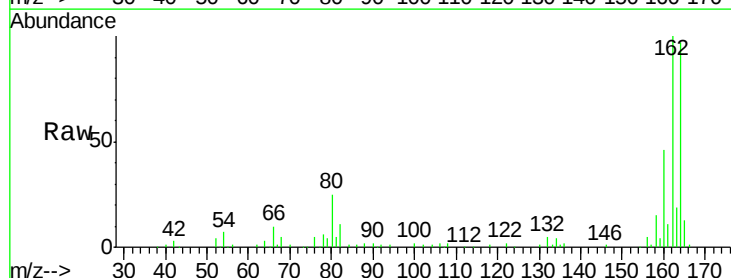


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

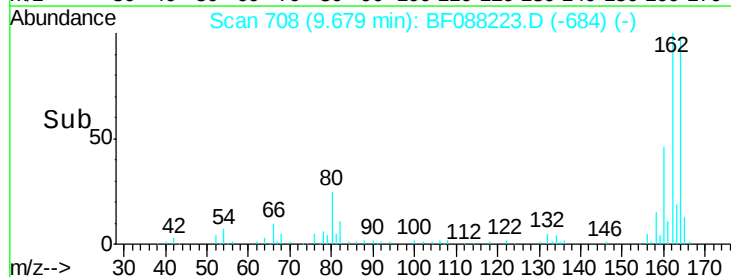
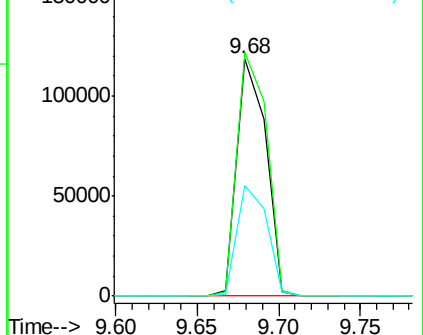


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BF088223.D
 Acq: 21 Jun 2016 20:15

Tgt Ion:164 Resp: 145595
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.4 128.2
 160 46.7 39.5 59.3



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: 118.60 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF088223.D

Acq: 21 Jun 2016 20:15

Instrument :

BNA_F

ClientSampleId :

GW-2

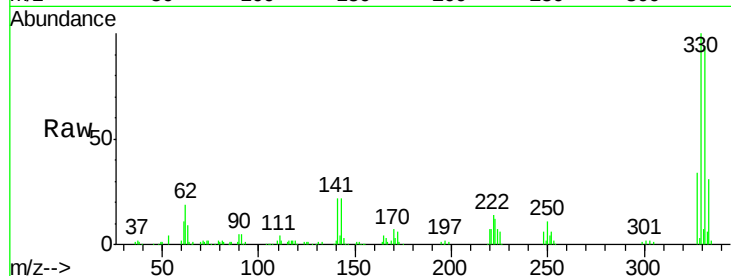
Tot Ion:330 Resp: 182320

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

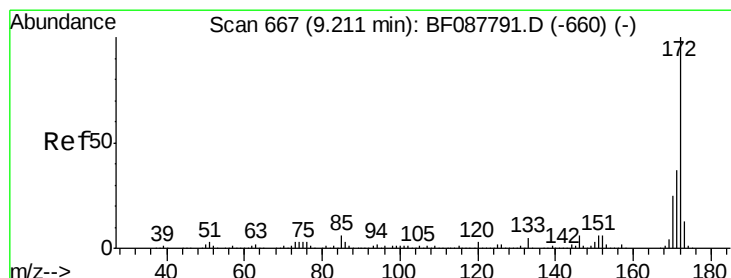
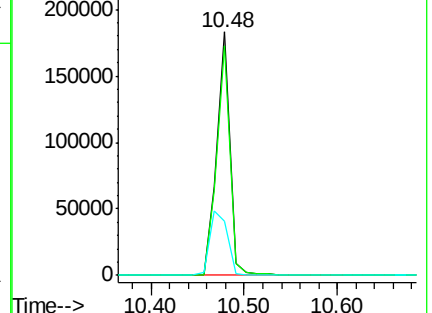
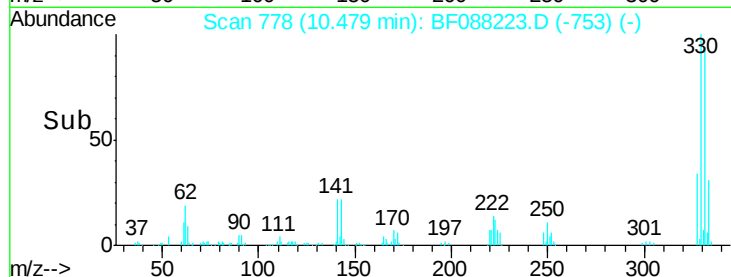
141 35.2 0.0 0.0#



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: 89.62 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF088223.D

Acq: 21 Jun 2016 20:15

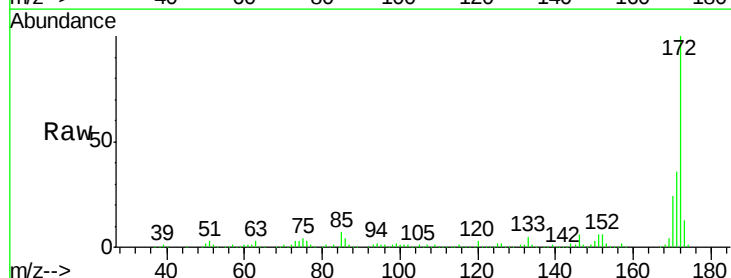
Tgt Ion:172 Resp: 827818

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

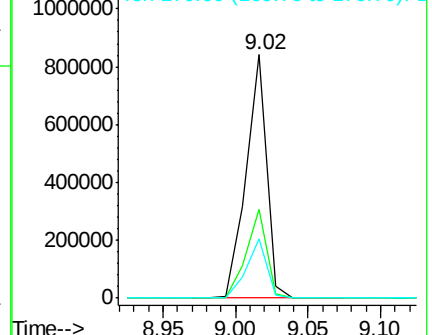
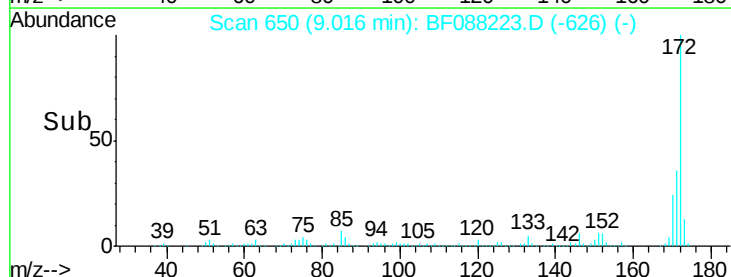
170 24.4 19.2 28.8

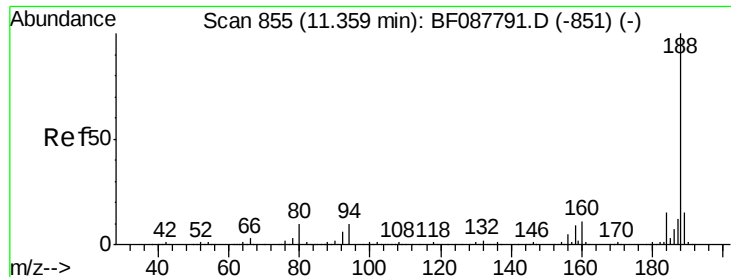


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

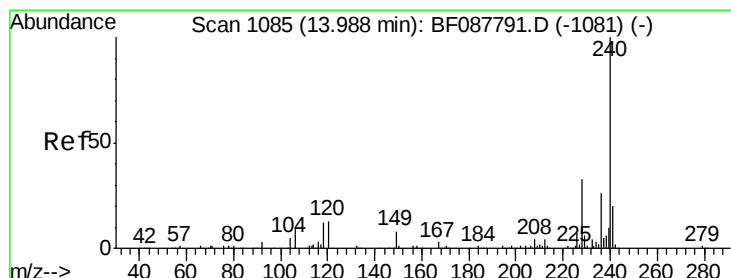
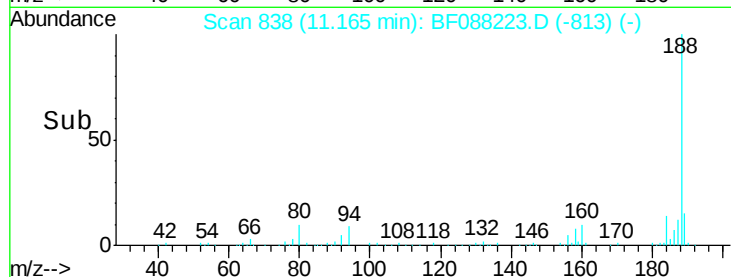
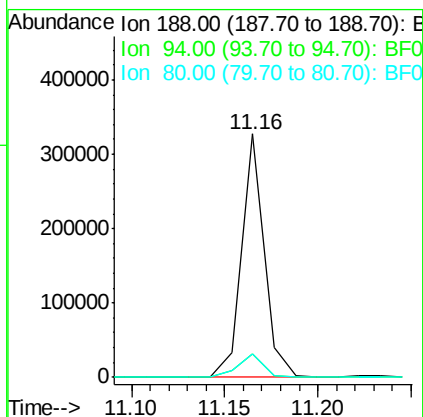
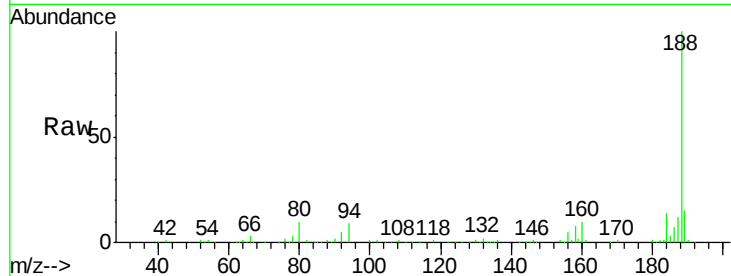




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088223.D
Acq: 21 Jun 2016 20:15

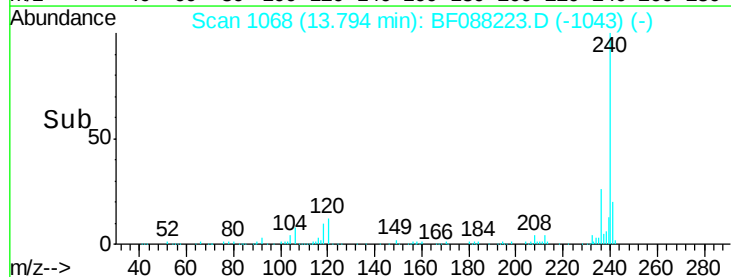
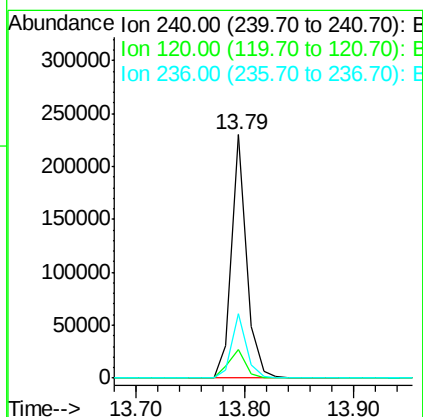
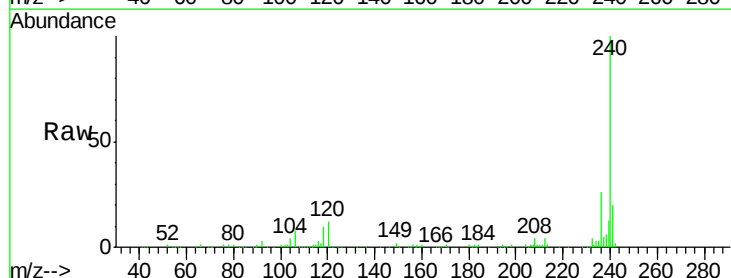
Instrument :
BNA_F
ClientSampleId :
GW-2

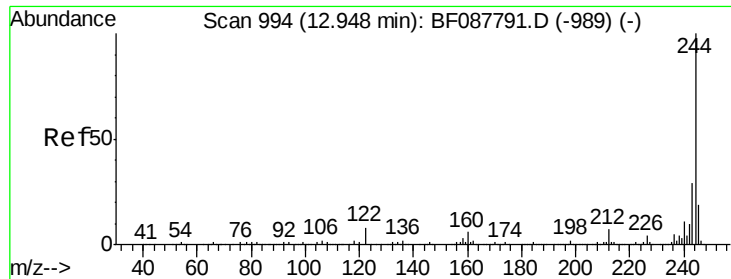
Tot Ion:188 Resp: 278145
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.6
80 9.9 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088223.D
Acq: 21 Jun 2016 20:15

Tgt Ion:240 Resp: 219238
Ion Ratio Lower Upper
240 100
120 11.9 6.8 10.2#
236 26.2 20.2 30.2

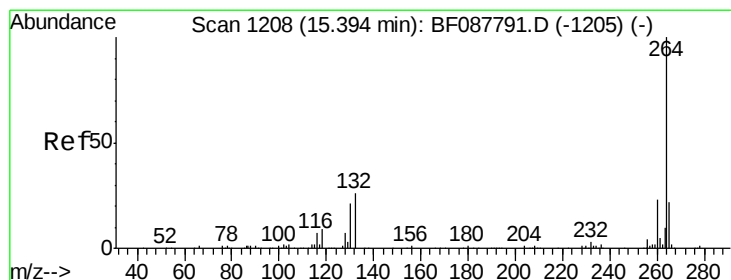
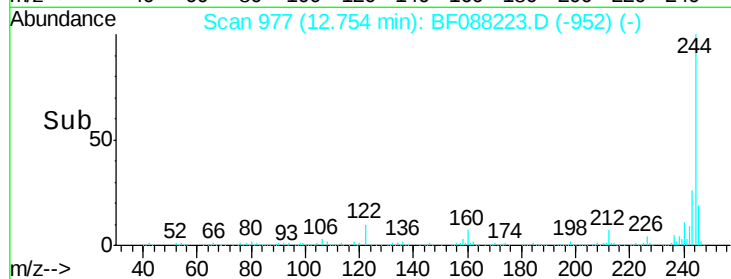
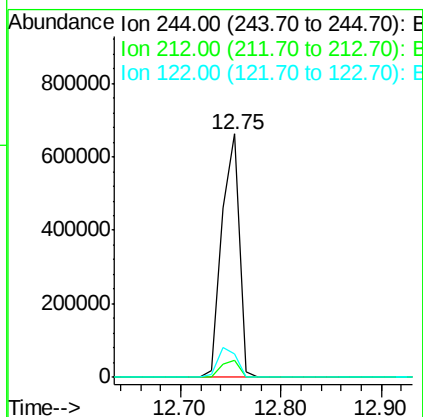
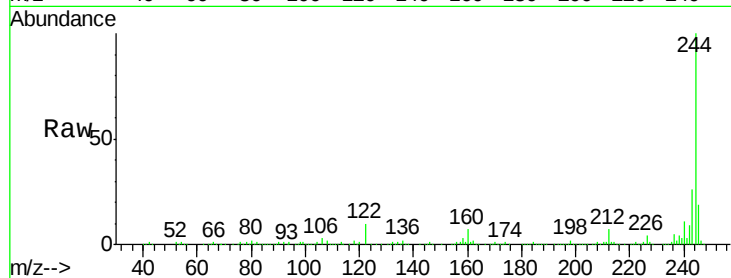




#78
 Terphenyl-d14
 Concen: 82.98 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088223.D
 Acq: 21 Jun 2016 20:15

Instrument :
 BNA_F
 ClientSampleID :
 GW-2

Tot Ion:244 Resp: 799448
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.7 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF088223.D
 Acq: 21 Jun 2016 20:15

Tgt Ion:264 Resp: 158398
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 16.9 25.3

