

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092870.D
 Acq On : 8 Feb 2017 23:03
 Operator : SJ/MA
 Sample : I1745-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Quant Time: Feb 09 00:40:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135763	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	565594	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	296977	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	503349	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	491311	20.00	ng	-0.01
86) Perylene-d12	15.51	264	423163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	534143	67.50	ng	0.00
7) Phenol-d6	6.53	99	406124	39.89	ng	0.00
23) Nitrobenzene-d5	7.46	82	855258	84.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	343783	160.05	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1566253	95.55	ng	-0.01
78) Terphenyl-d14	13.01	244	1757050	84.03	ng	0.00

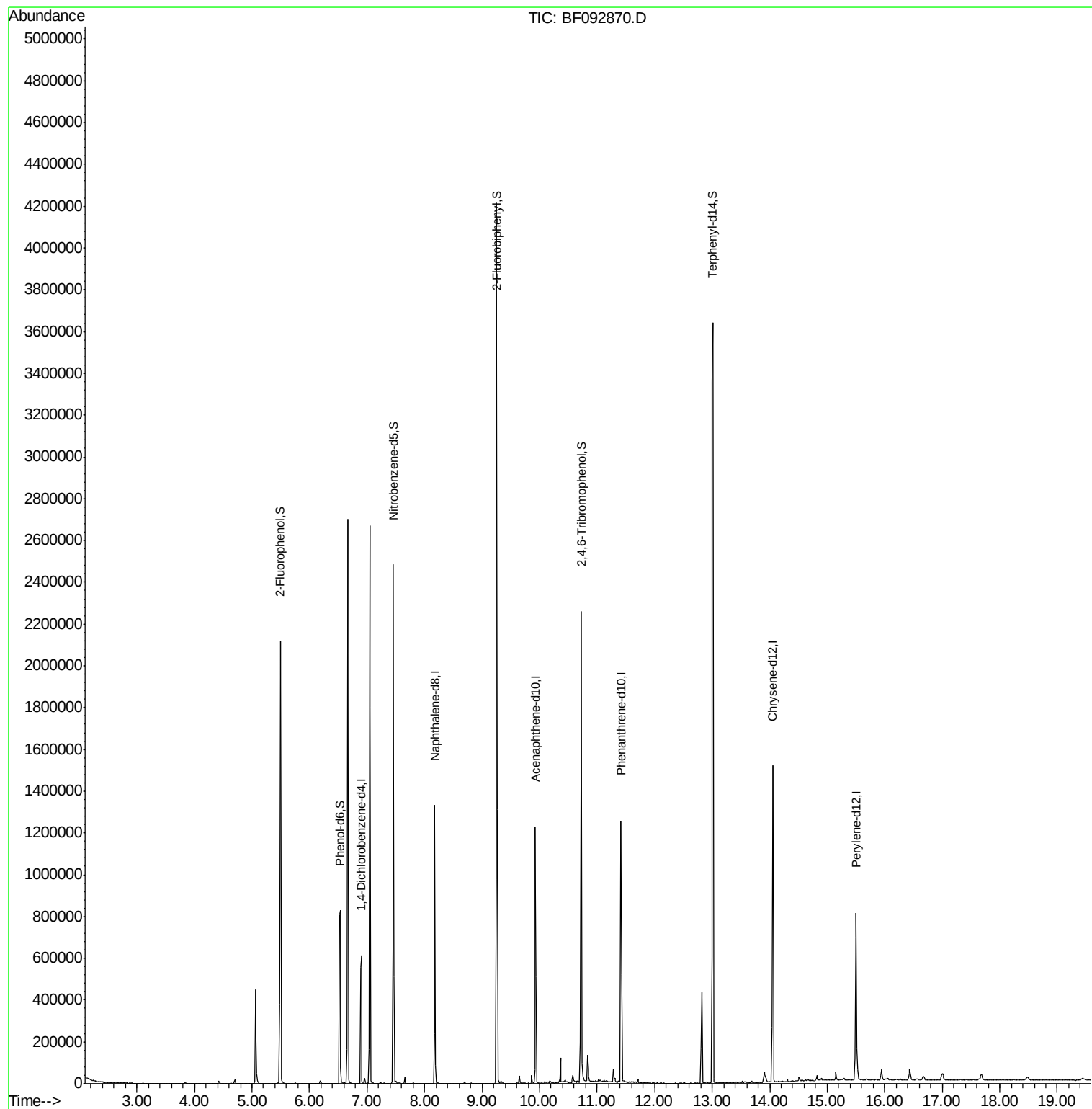
Target Compounds Qvalue

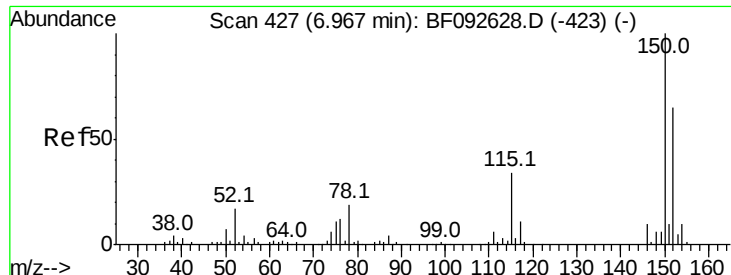
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092870.D

Acq: 8 Feb 2017 23:03

Instrument :

BNA_F

ClientSampleId :

GW-2

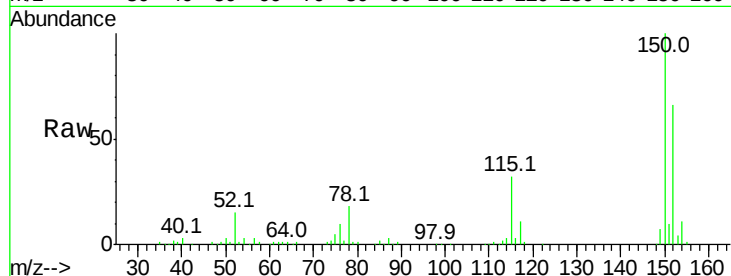
Tot Ion:152 Resp: 135763

Ion Ratio Lower Upper

152 100

150 152.3 124.9 187.3

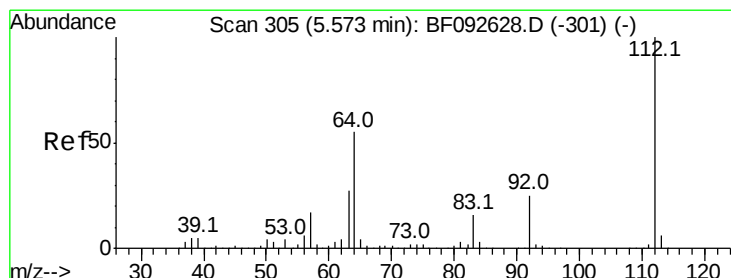
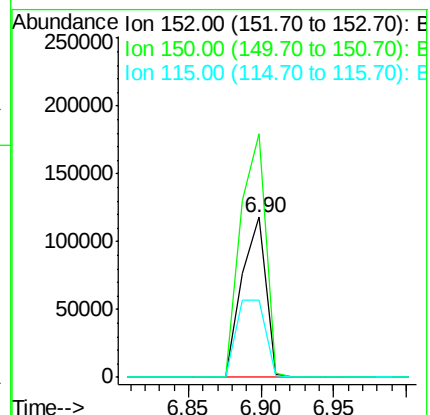
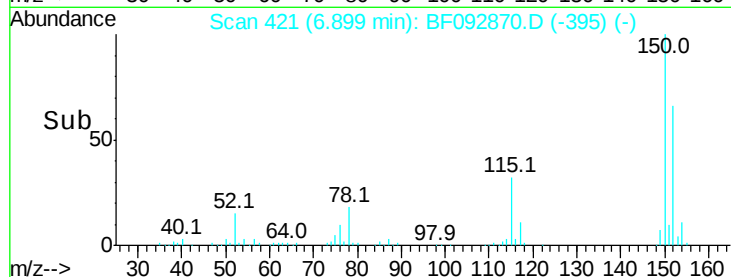
115 48.5 46.0 69.0



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: 67.50 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF092870.D

Acq: 8 Feb 2017 23:03

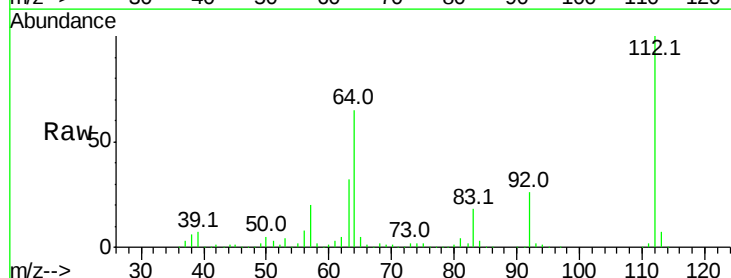
Tgt Ion:112 Resp: 534143

Ion Ratio Lower Upper

112 100

64 64.8 46.1 69.1

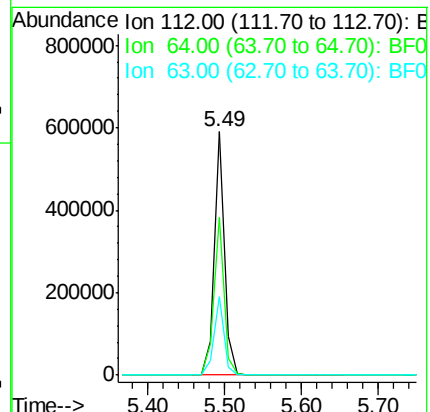
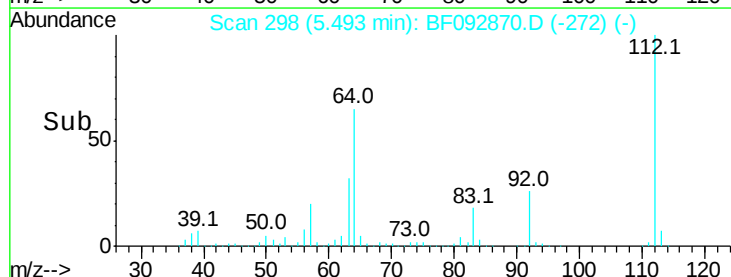
63 32.2 23.8 35.6

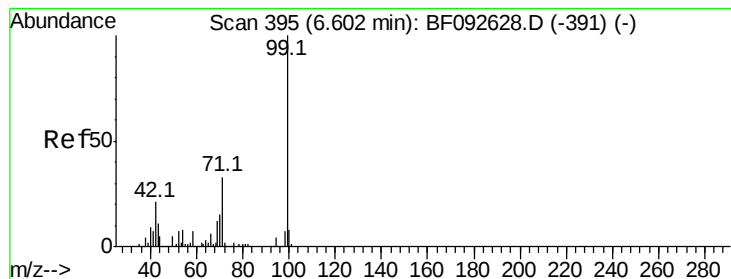


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.89 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092870.D

Acq: 8 Feb 2017 23:03

Instrument :

BNA_F

ClientSampleId :

GW-2

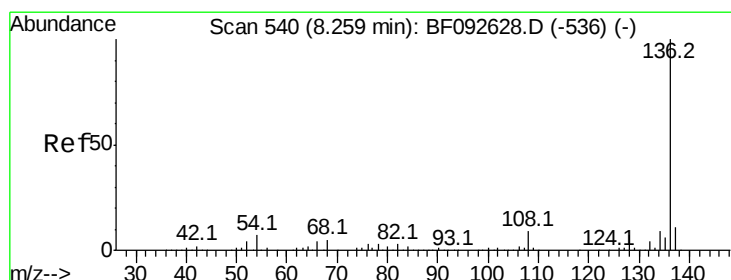
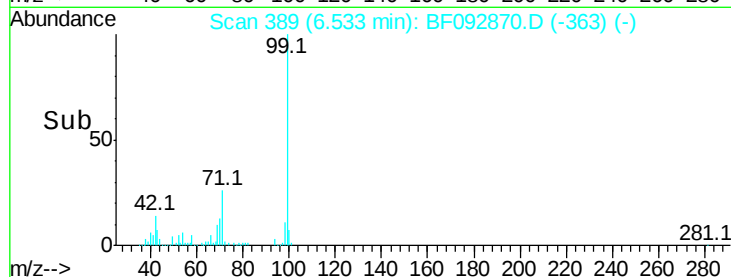
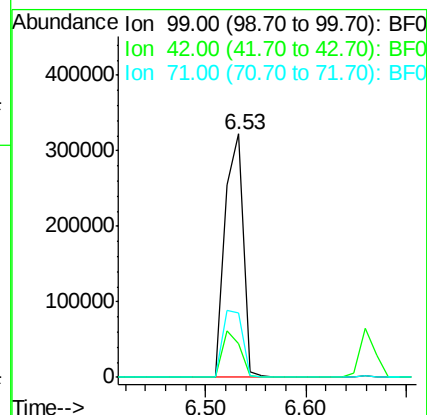
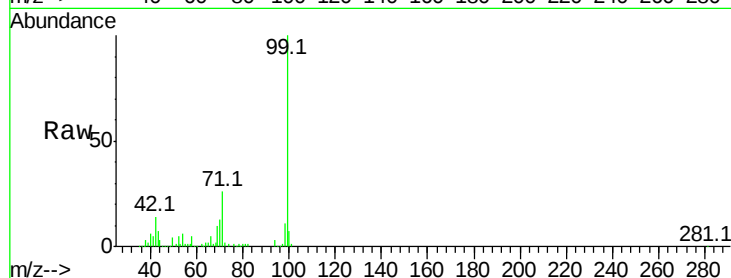
Tot Ion: 99 Resp: 406124

Ion Ratio Lower Upper

99 100

42 13.7 15.6 23.4#

71 26.3 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092870.D

Acq: 8 Feb 2017 23:03

Tgt Ion: 136 Resp: 565594

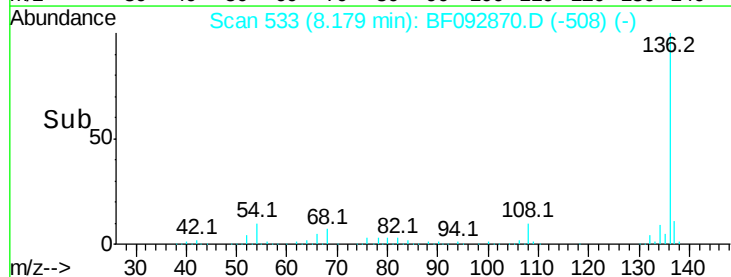
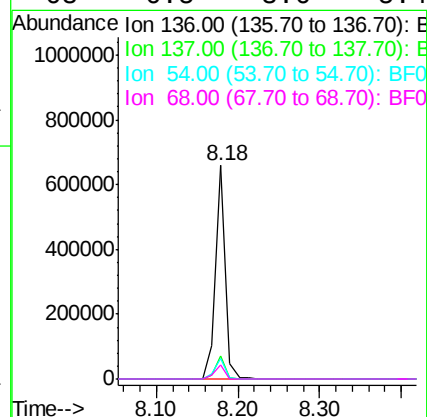
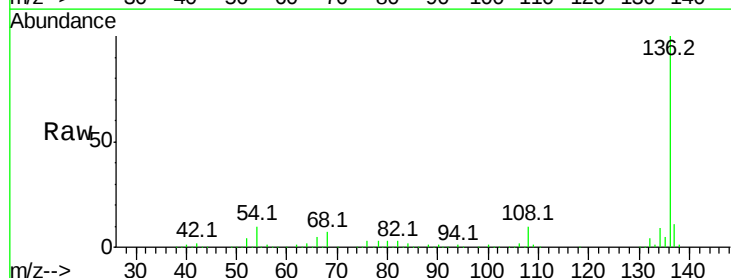
Ion Ratio Lower Upper

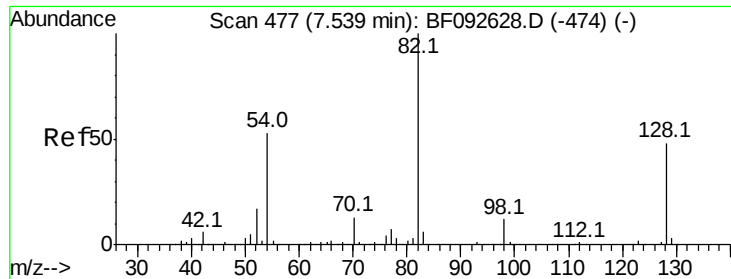
136 100

137 11.0 8.4 12.6

54 9.8 4.5 6.7#

68 6.5 3.6 5.4#

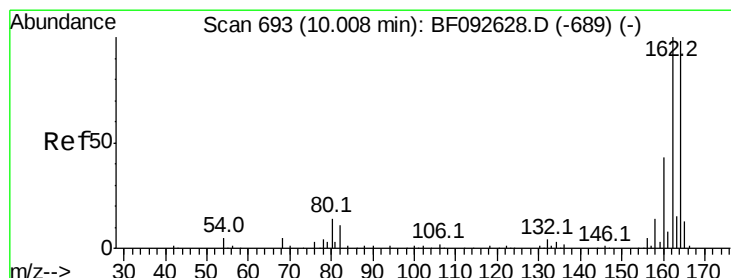
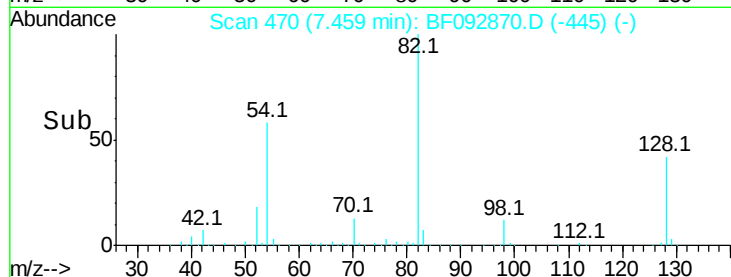
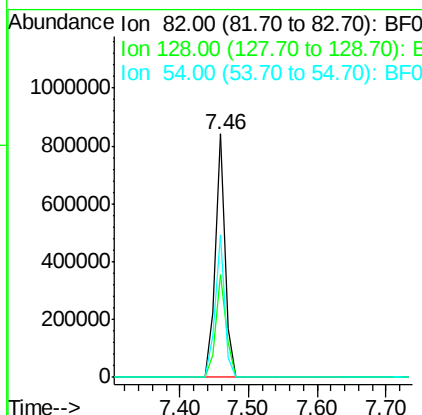
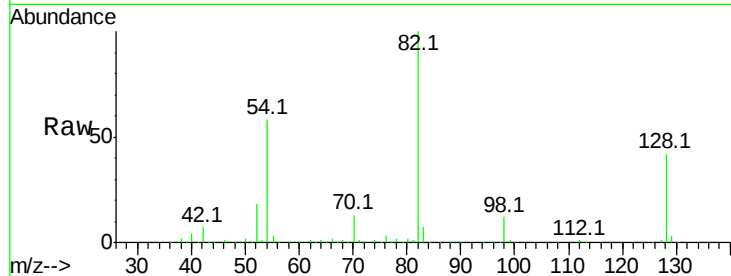




#23
 Nitrobenzene-d5
 Concen: 84.21 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092870.D
 Acq: 8 Feb 2017 23:03

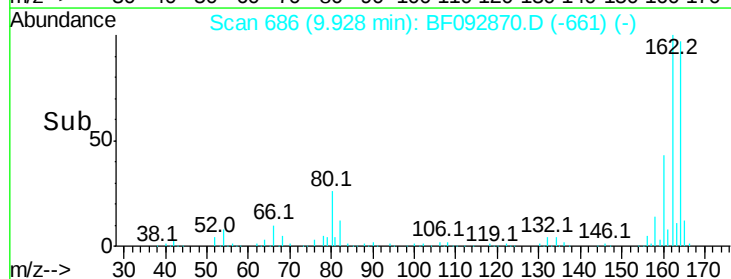
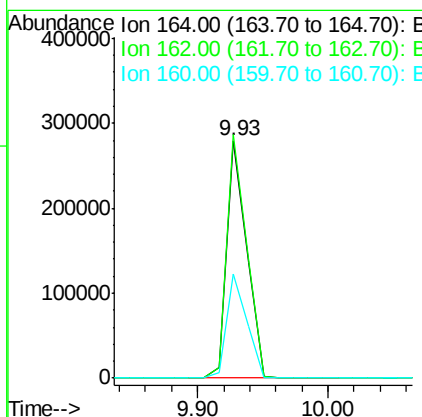
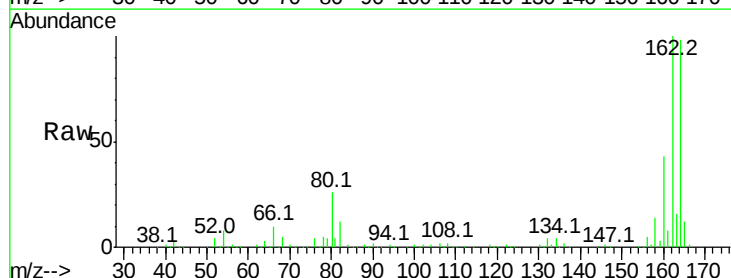
Instrument :
 BNA_F
 ClientSampled :
 GW-2

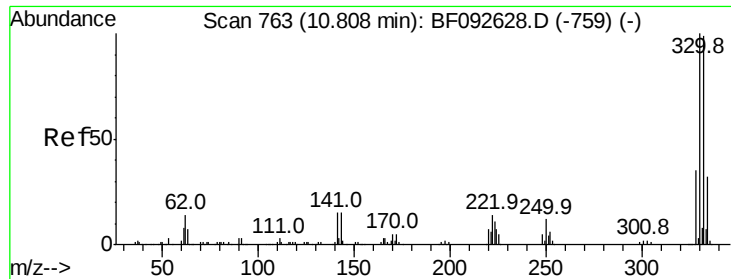
Tot Ion: 82 Resp: 855258
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 58.5 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF092870.D
 Acq: 8 Feb 2017 23:03

Tgt Ion: 164 Resp: 296977
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 44.0 36.9 55.3

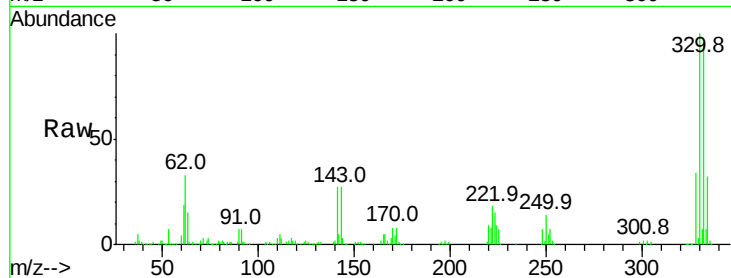




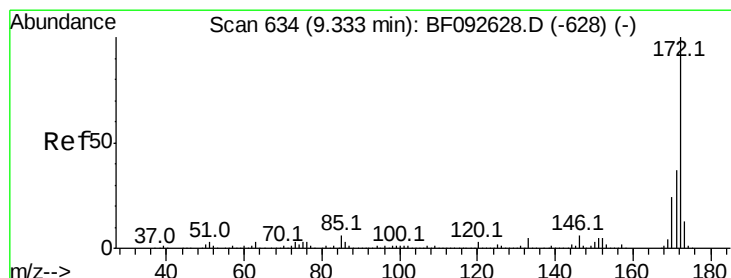
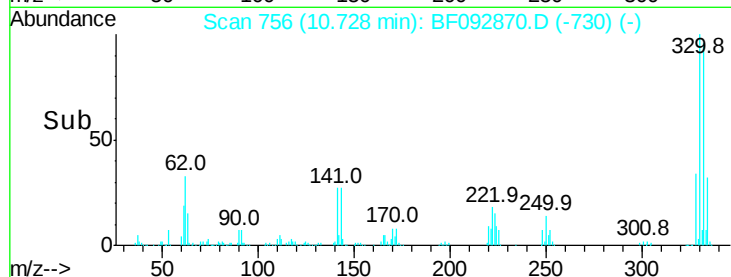
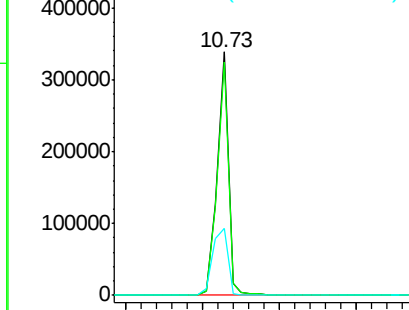
#41
 2,4,6-Tribromophenol
 Concen: 160.05 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF092870.D
 Acq: 8 Feb 2017 23:03

Instrument :
 BNA_F
 ClientSampleID :
 GW-2

Tot Ion:330 Resp: 343783
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 37.2 34.1 51.1

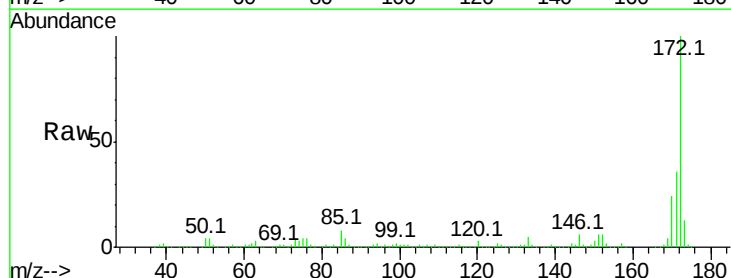


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

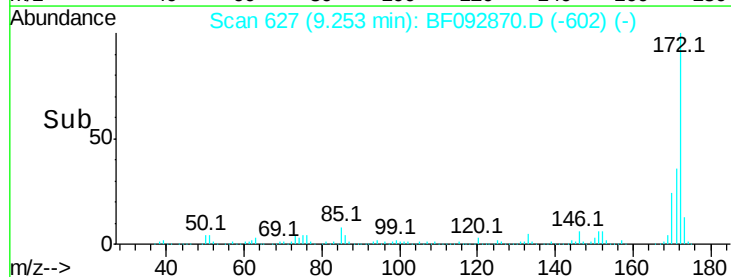
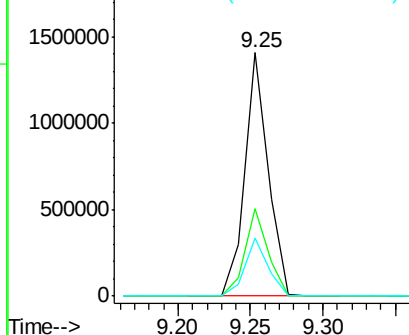


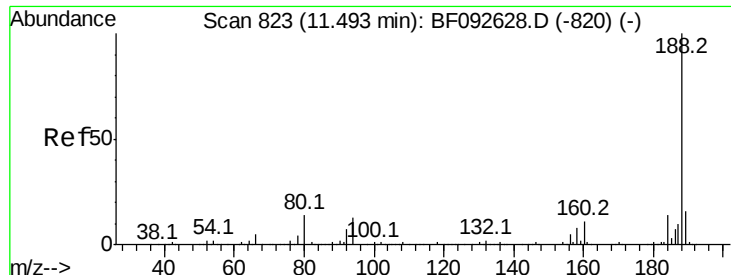
#44
 2-Fluorobiphenyl
 Concen: 95.55 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092870.D
 Acq: 8 Feb 2017 23:03

Tgt Ion:172 Resp: 1566253
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.8 20.2 30.4



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

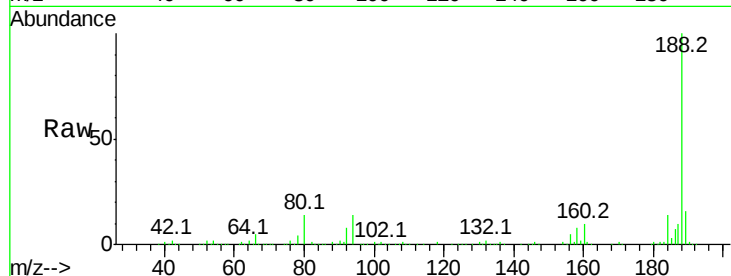




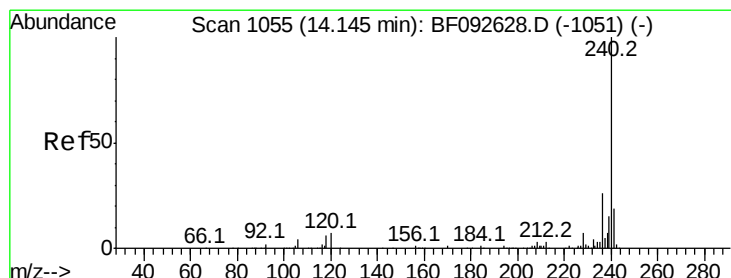
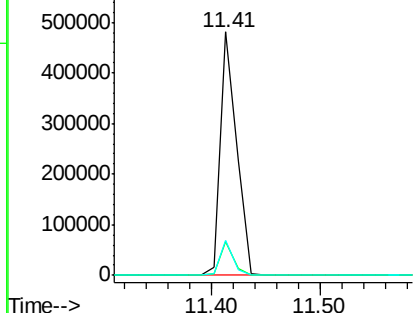
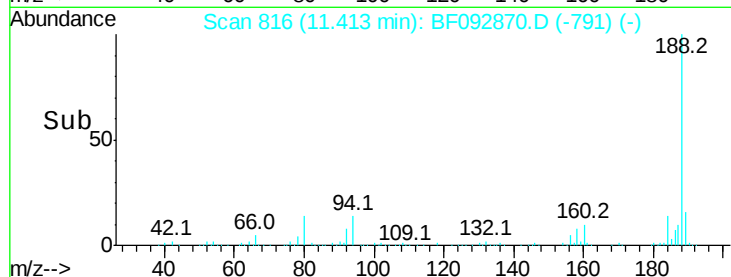
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092870.D
Acq: 8 Feb 2017 23:03

Instrument :
BNA_F
ClientSampleId :
GW-2

Tot Ion:188 Resp: 503349
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 14.3 11.2 16.8

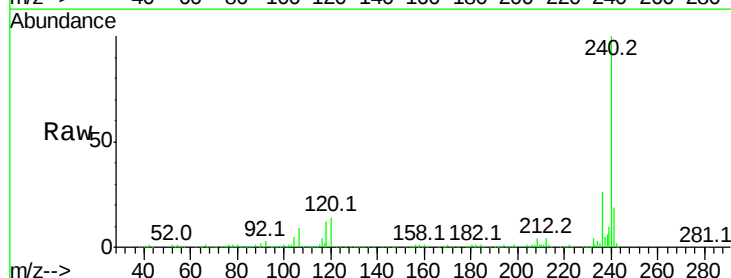


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

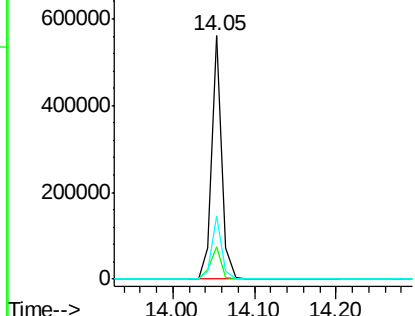
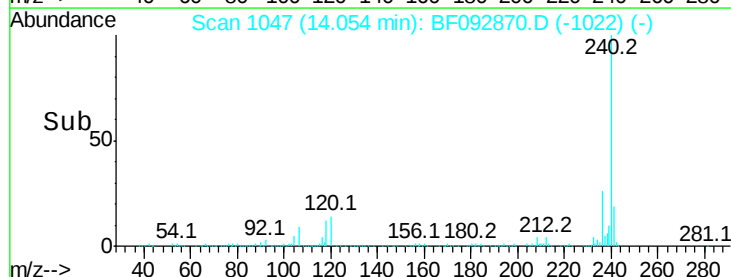


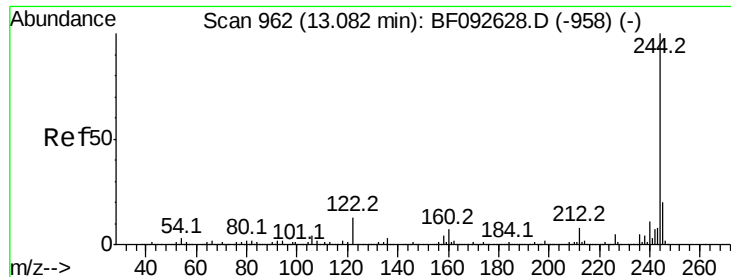
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092870.D
Acq: 8 Feb 2017 23:03

Tgt Ion:240 Resp: 491311
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 25.7 20.9 31.3



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: 84.03 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF092870.D

Acq: 8 Feb 2017 23:03

Instrument :

BNA_F

ClientSampleId :

GW-2

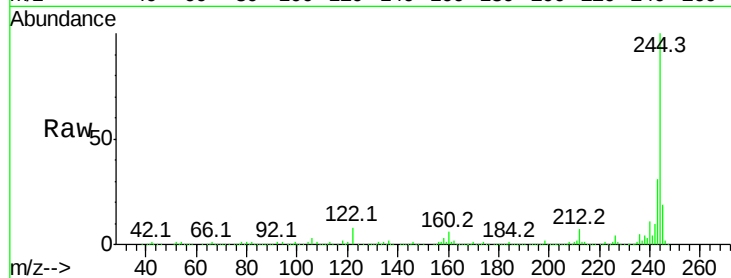
Tot Ion:244 Resp: 1757050

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

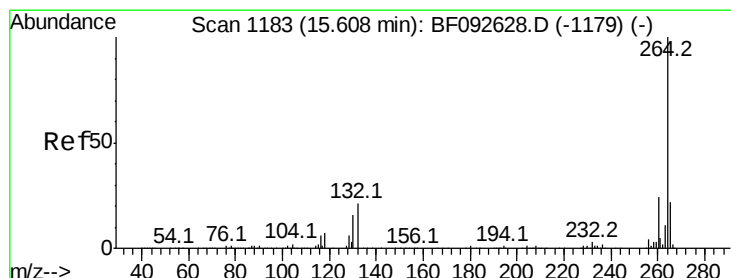
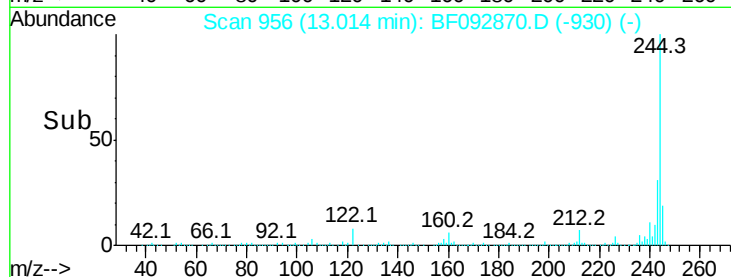
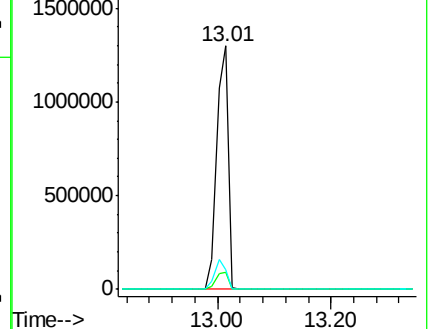
122 7.9 11.4 17.2#



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: 15.51 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF092870.D

Acq: 8 Feb 2017 23:03

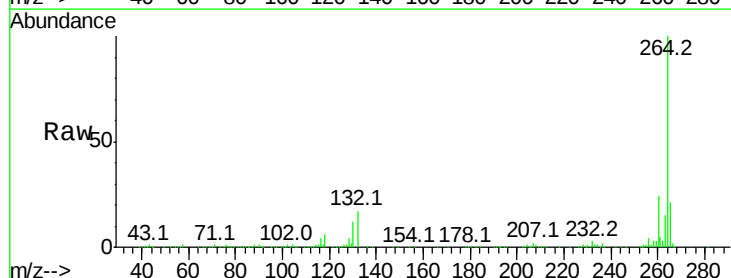
Tgt Ion:264 Resp: 423163

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 17.4 26.0



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

