

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092788.D
 Acq On : 3 Feb 2017 21:11
 Operator : SJ/MA
 Sample : I1666-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-08

Quant Time: Feb 03 23:36:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

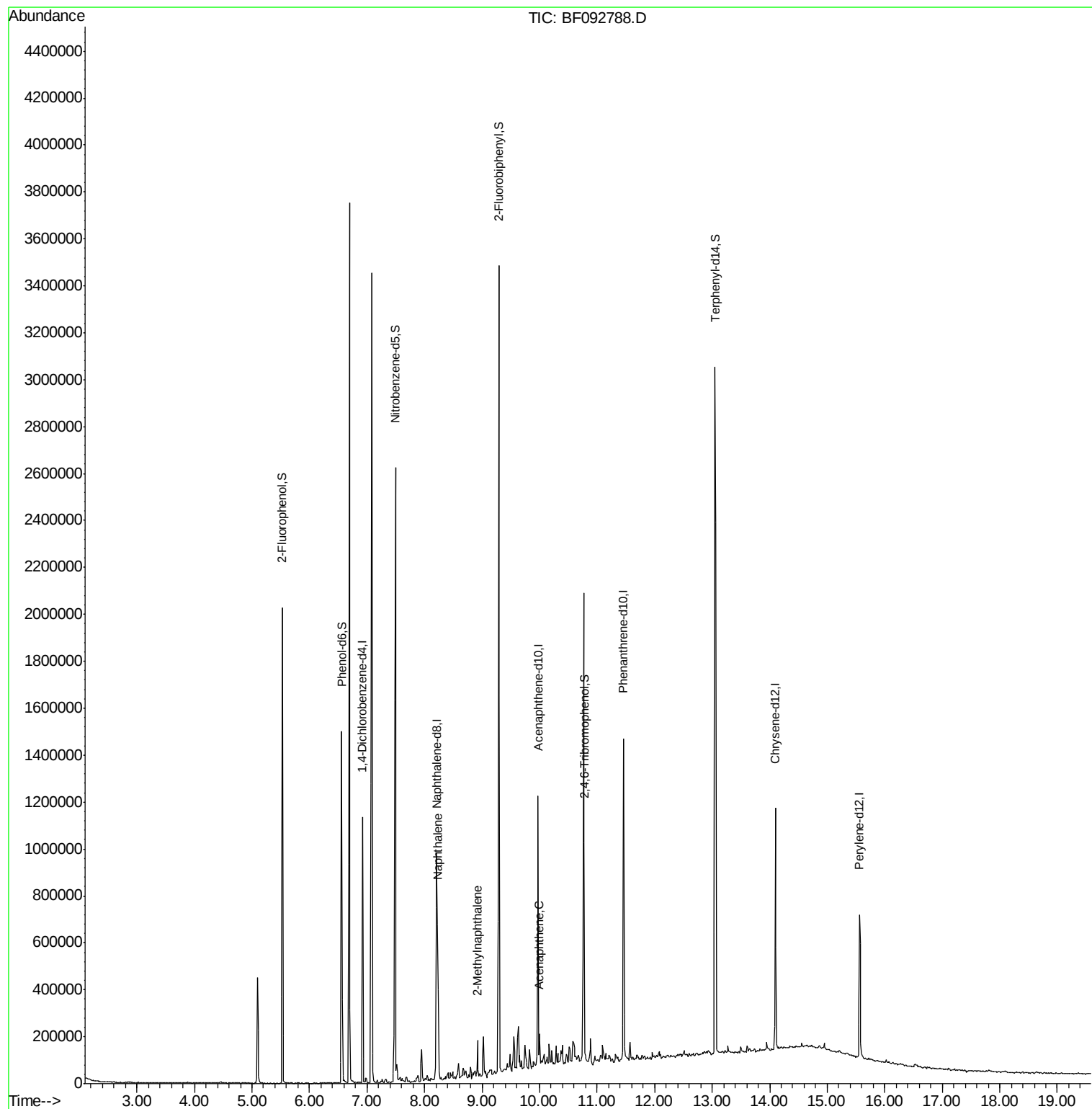
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149389	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	578146	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	289380	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	482980	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	400256	20.00	ng	-0.05
86) Perylene-d12	15.56	264	323549	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	508253	58.37	ng	-0.04
7) Phenol-d6	6.56	99	464882	41.49	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1041200	100.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	305441	145.94	ng	-0.03
44) 2-Fluorobiphenyl	9.29	172	1399172	87.60	ng	-0.05
78) Terphenyl-d14	13.05	244	1351008	79.31	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.22	128	337113	11.50	ng	99
37) 2-Methylnaphthalene	8.92	142	41782	2.22	ng	98
51) Acenaphthene	10.00	154	38720	2.29	ng	94

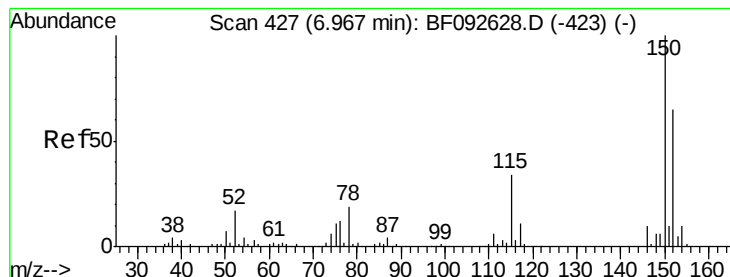
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

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ClientSampleId :

GPW-08

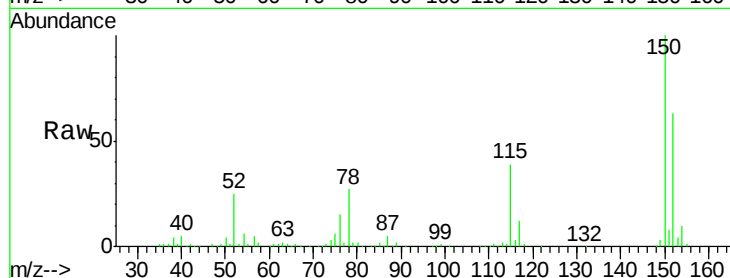
Tgt Ion:152 Resp: 149389

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

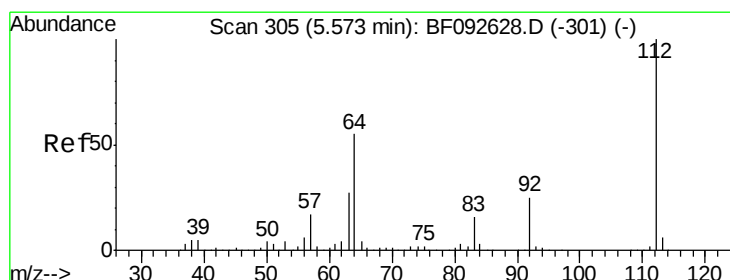
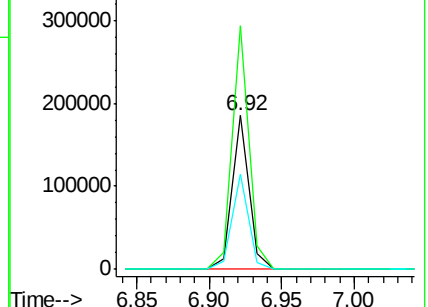
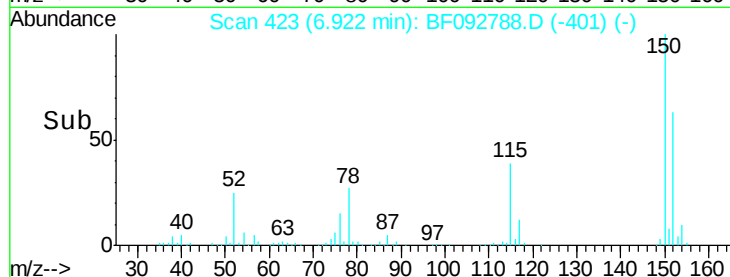
115 61.9 46.0 69.0



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: 58.37 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

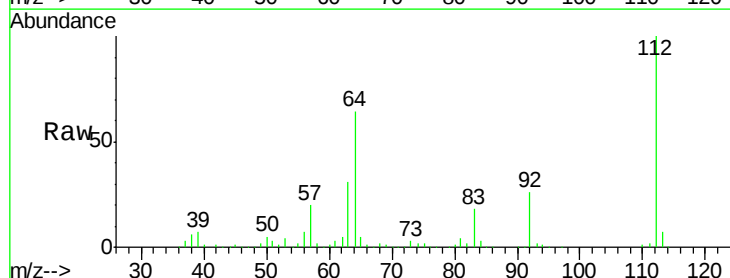
Tgt Ion:112 Resp: 508253

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

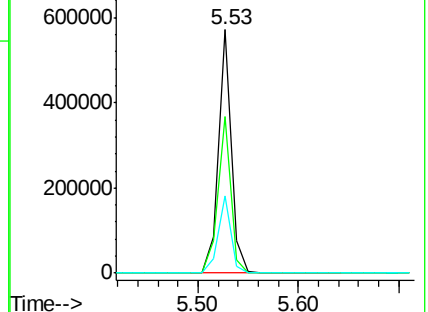
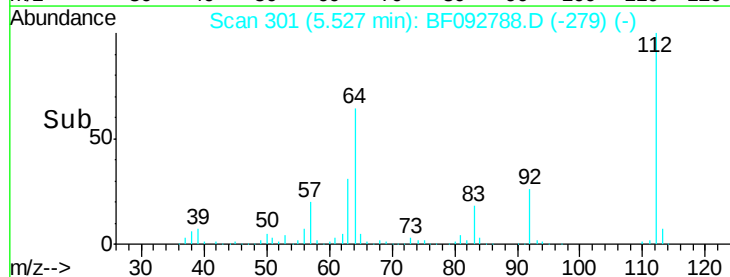
63 31.5 23.8 35.6



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: 41.49 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

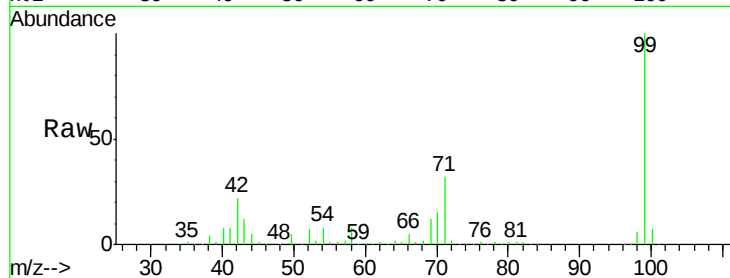
Tgt Ion: 99 Resp: 464882

Ion Ratio Lower Upper

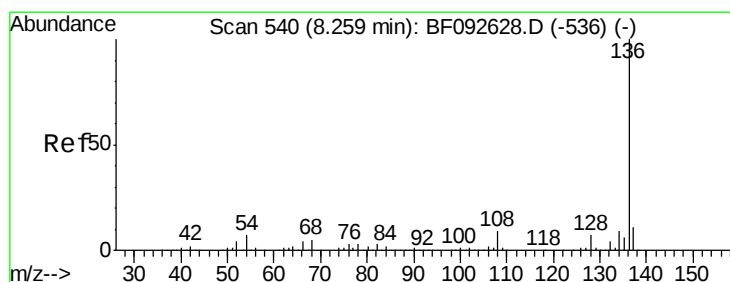
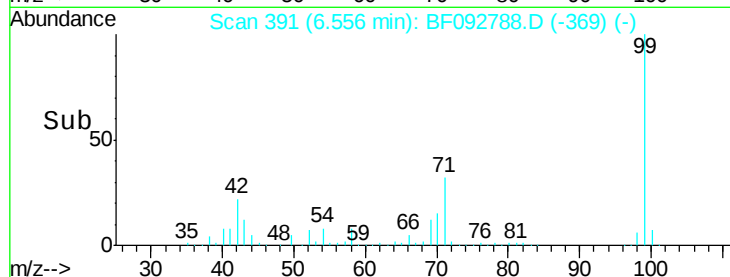
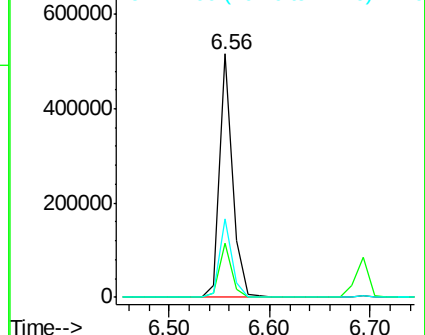
99 100

42 22.1 15.6 23.4

71 32.4 27.5 41.3



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: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Tgt Ion: 136 Resp: 578146

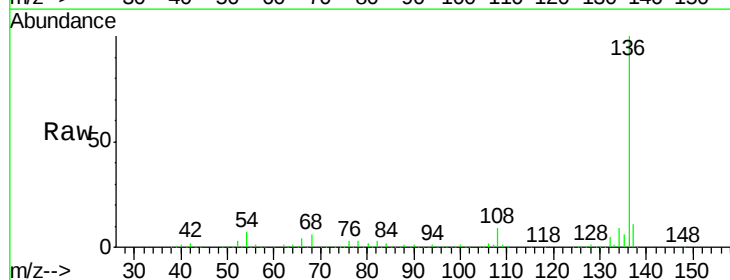
Ion Ratio Lower Upper

136 100

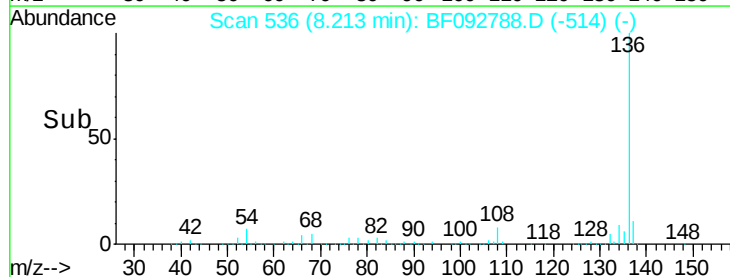
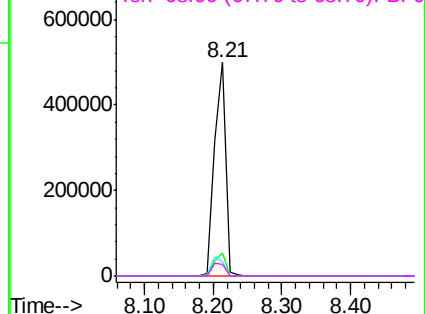
137 10.7 8.4 12.6

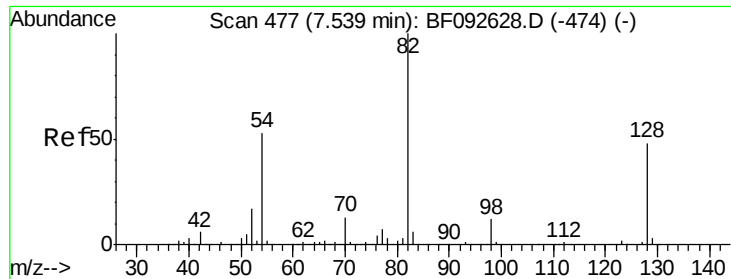
54 6.8 4.5 6.7#

68 5.6 3.6 5.4#



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

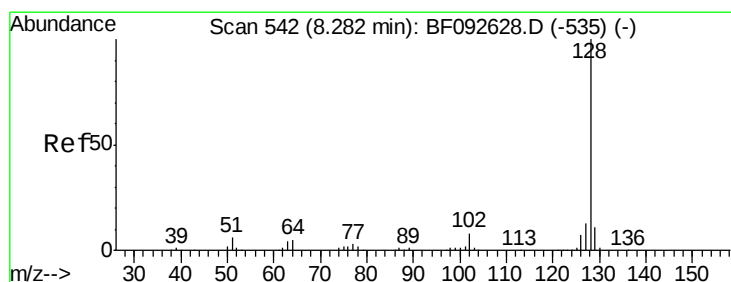
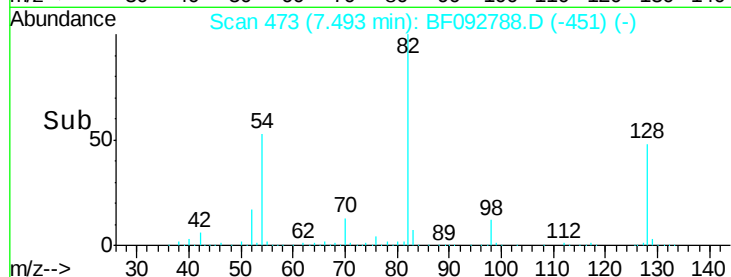
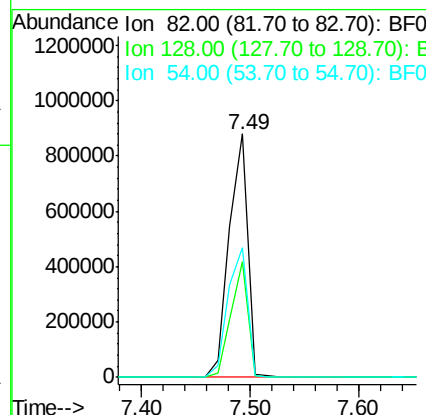
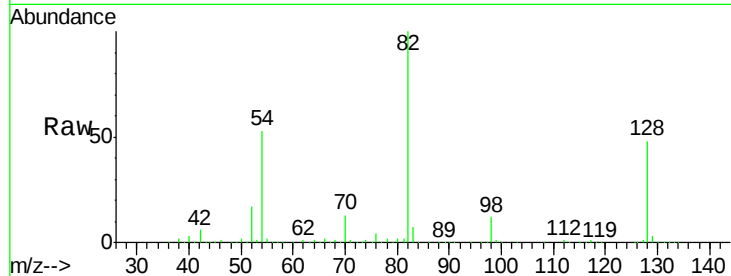




#23
Nitrobenzene-d5
Concen: 100.29 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

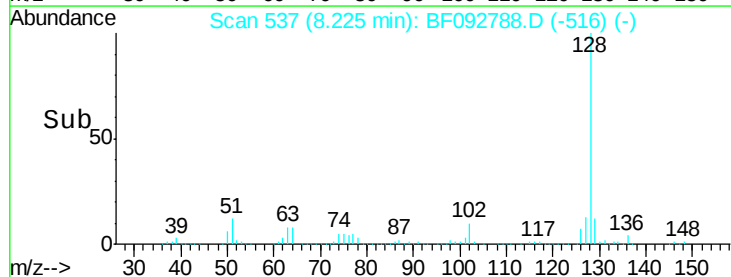
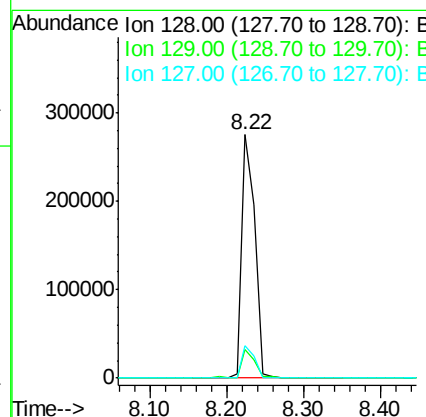
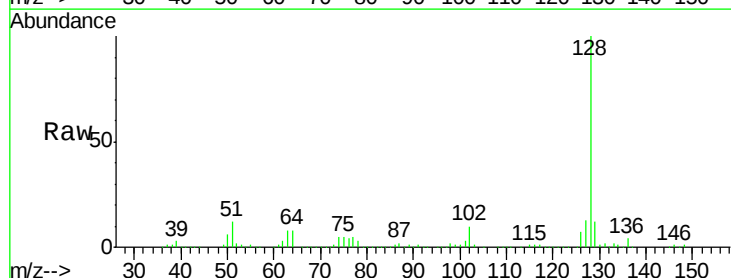
Instrument :
BNA_F
ClientSampleId :
GPW-08

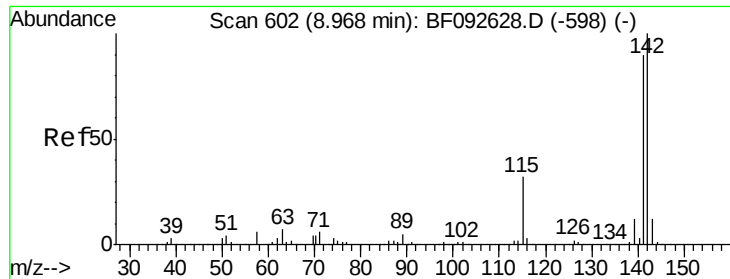
Tgt Ion: 82 Resp: 1041200
Ion Ratio Lower Upper
82 100
128 47.6 34.6 52.0
54 53.2 39.5 59.3



#31
Naphthalene
Concen: 11.50 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

Tgt Ion: 128 Resp: 337113
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.1 10.8 16.2

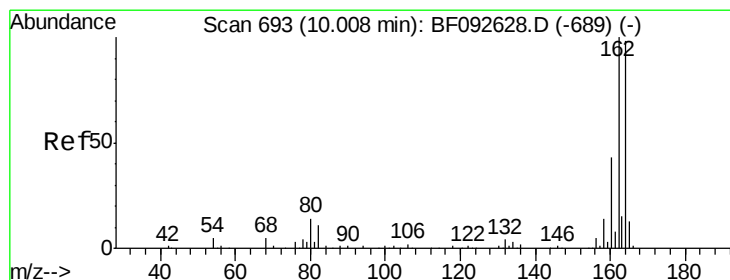
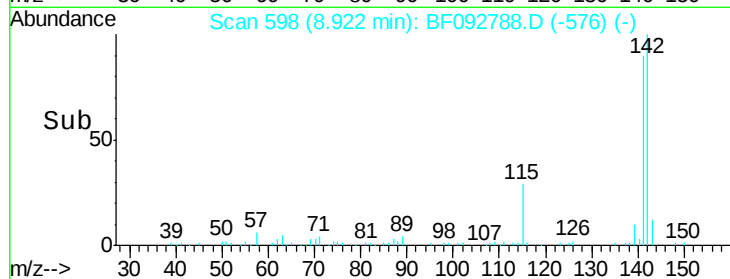
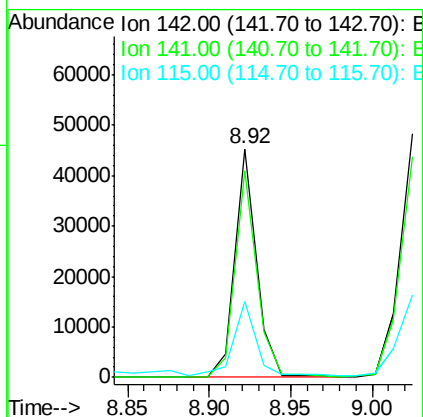
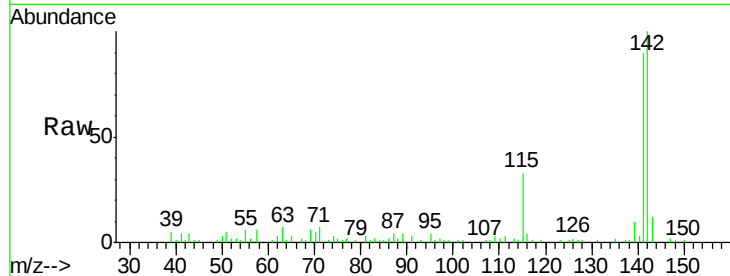




#37
 2-Methylnaphthalene
 Concen: 2.22 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.05 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

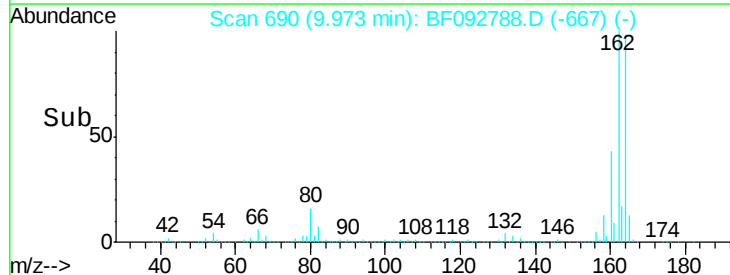
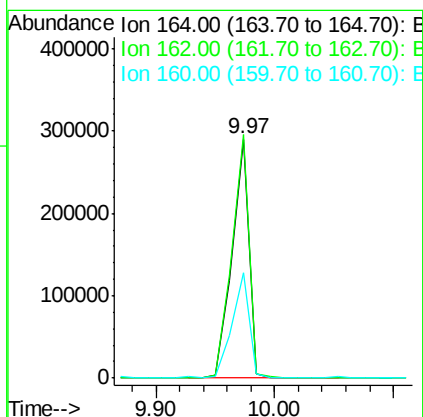
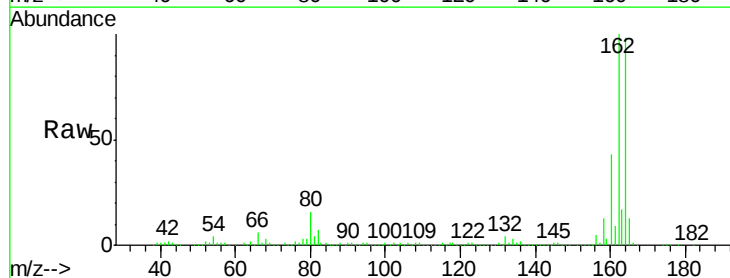
Instrument :
 BNA_F
 ClientSampleId :
 GPW-08

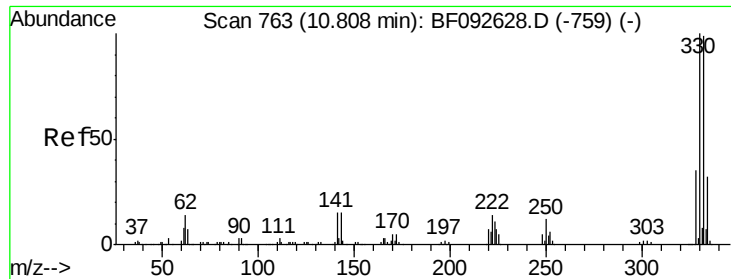
Tgt Ion:142 Resp: 41782
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 33.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Tgt Ion:164 Resp: 289380
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 43.9 36.9 55.3

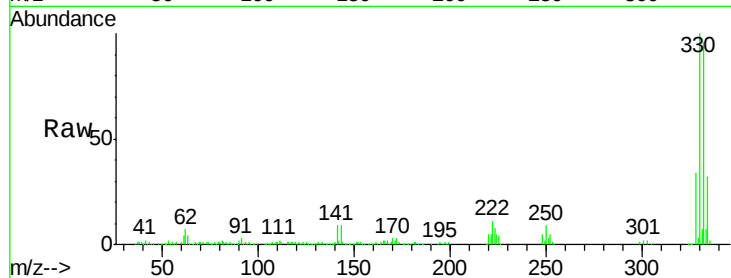




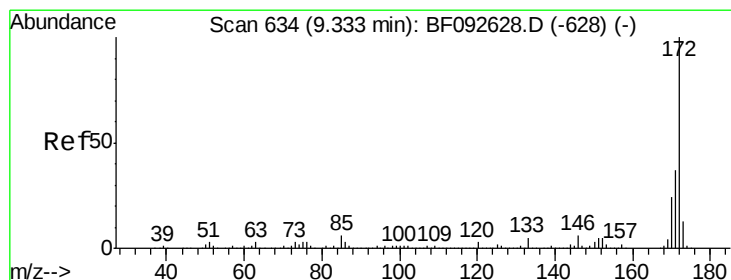
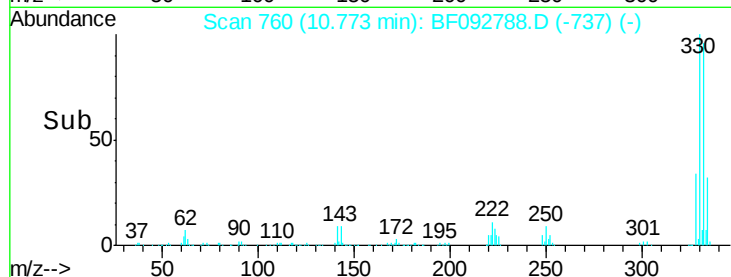
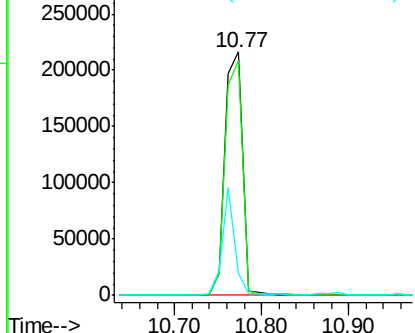
#41
 2,4,6-Tribromophenol
 Concen: 145.94 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 GPW-08

Tgt Ion:330 Resp: 305441
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 31.9 34.1 51.1#

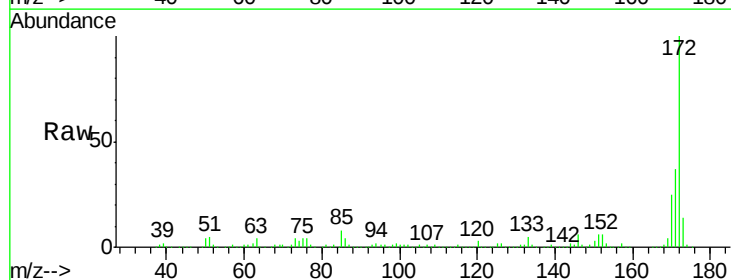


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

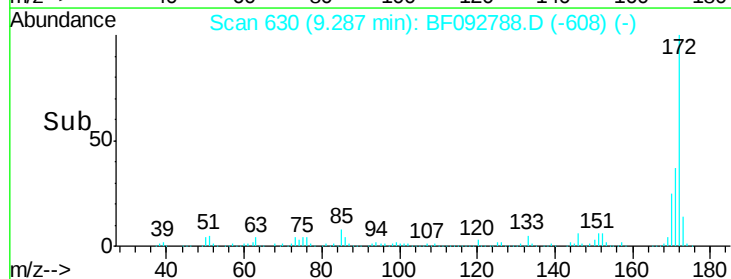
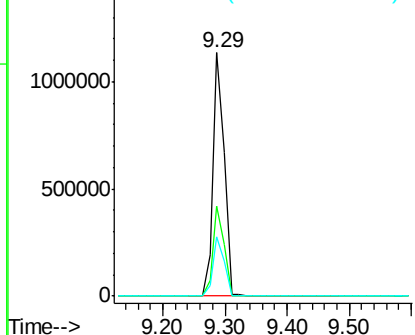


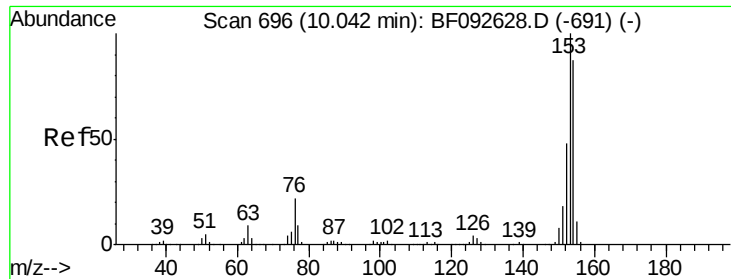
#44
 2-Fluorobiphenyl
 Concen: 87.60 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF092788.D
 Acq: 3 Feb 2017 21:11

Tgt Ion:172 Resp: 1399172
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 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





#51

Acenaphthene

Concen: 2.29 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

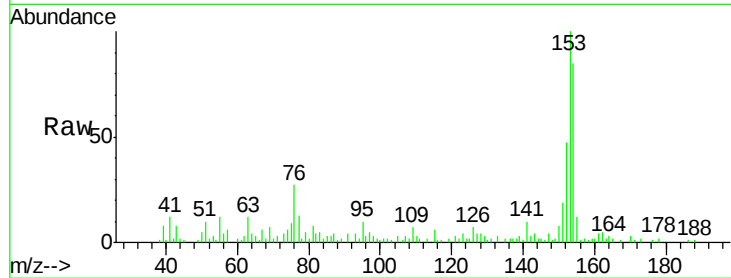
Tgt Ion:154 Resp: 38720

Ion Ratio Lower Upper

154 100

153 117.6 88.6 133.0

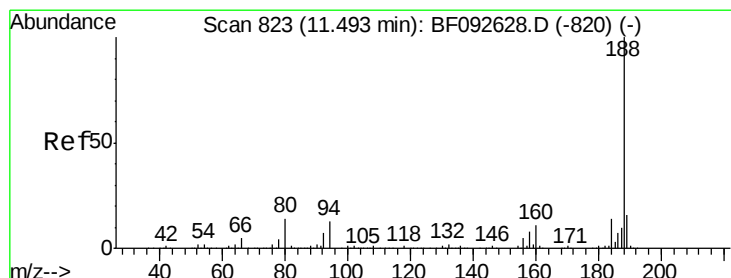
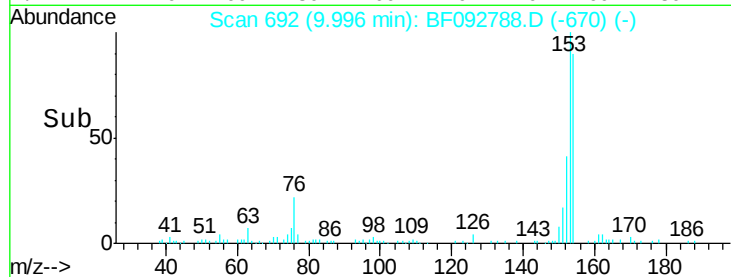
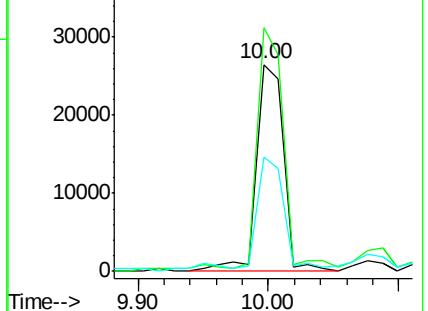
152 55.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

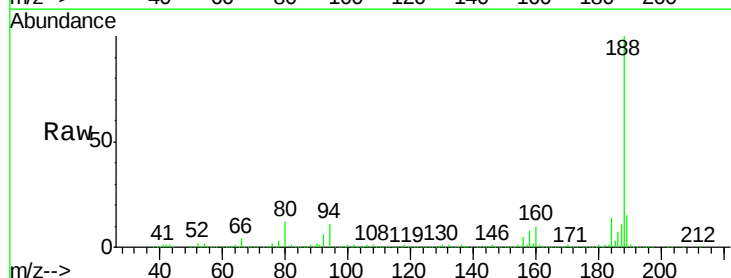
Tgt Ion:188 Resp: 482980

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

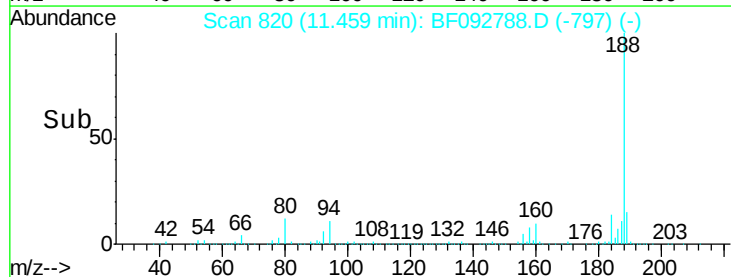
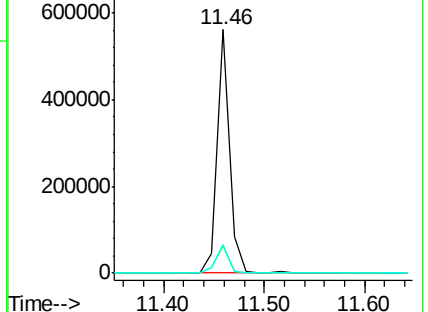
80 12.0 11.2 16.8

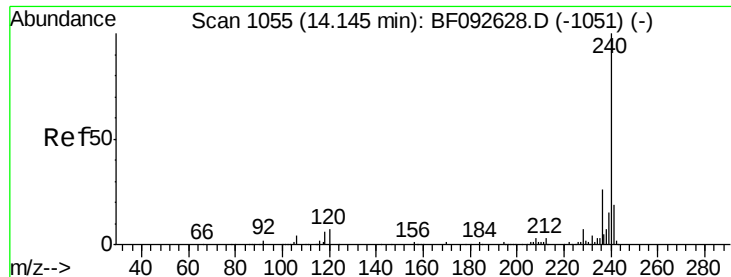


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

Instrument :

BNA_F

ClientSampleId :

GPW-08

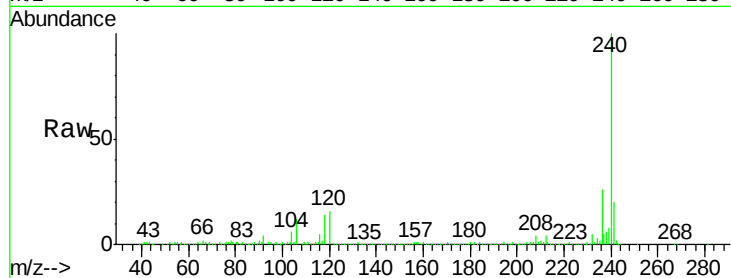
Tgt Ion:240 Resp: 400256

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

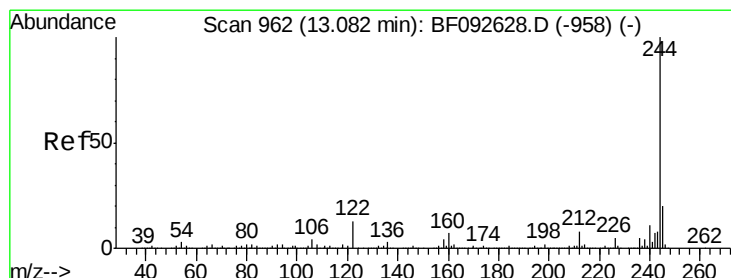
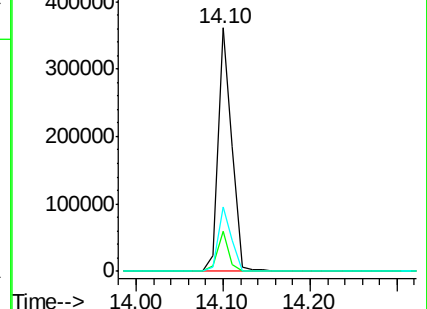
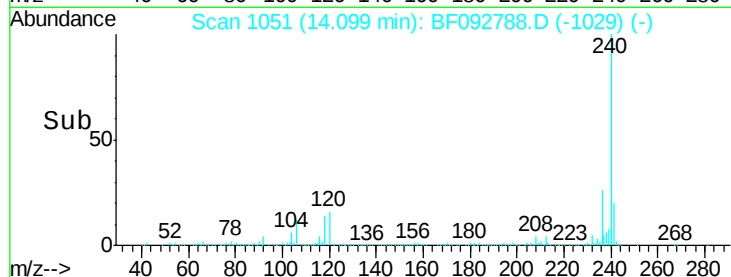
236 26.2 20.9 31.3



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: 79.31 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092788.D

Acq: 3 Feb 2017 21:11

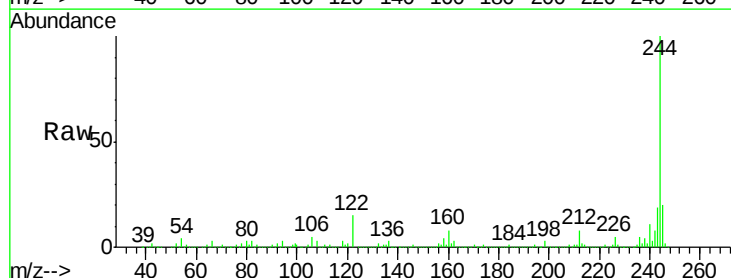
Tgt Ion:244 Resp: 1351008

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

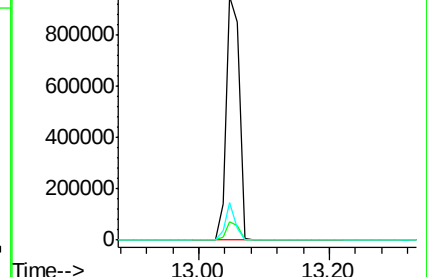
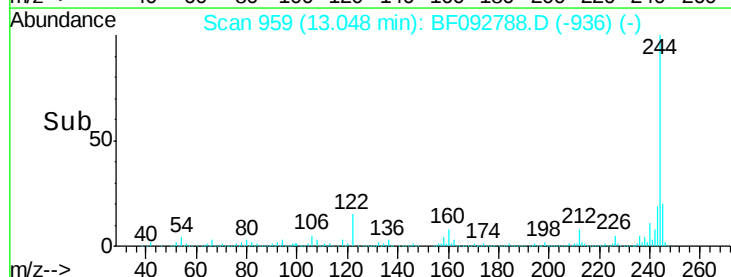
122 15.2 11.4 17.2

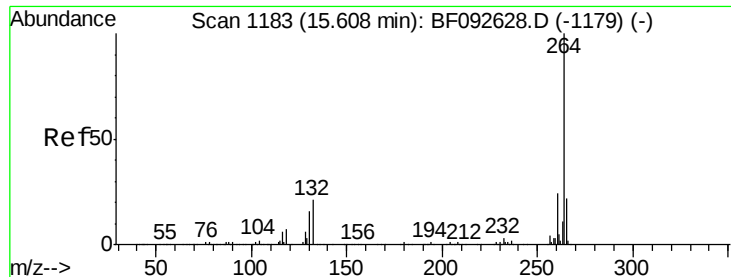


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092788.D
Acq: 3 Feb 2017 21:11

Instrument :
BNA_F
ClientSampleId :
GPW-08

Tgt Ion: 264 Resp: 323549
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 22.1 17.4 26.0

