

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092008.D
 Acq On : 28 Dec 2016 21:37
 Operator : UM/SJ
 Sample : H6281-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-1

Quant Time: Dec 29 00:41:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

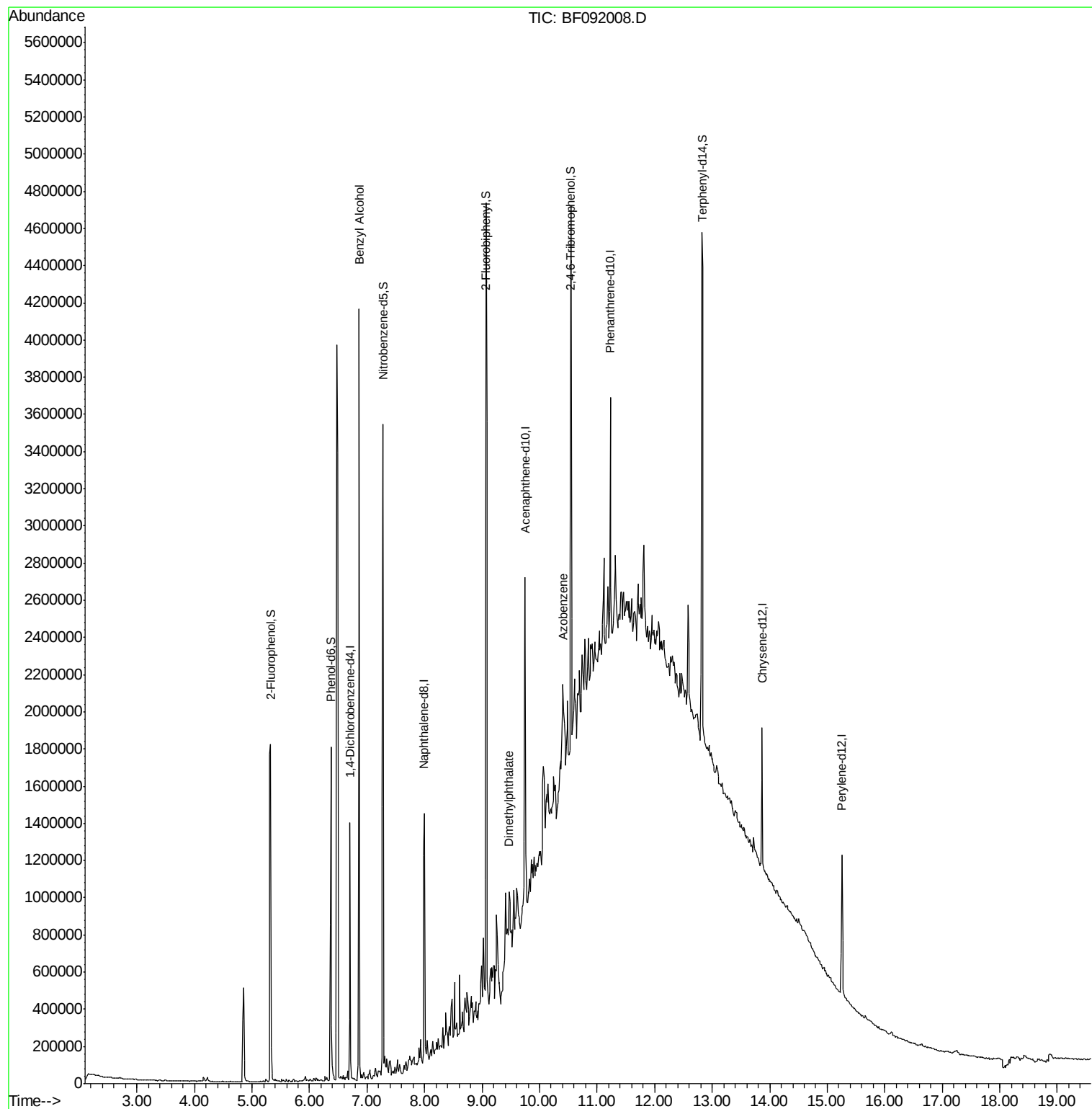
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	207332	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	859840	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	363468	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	475271	20.00	ng	0.00
75) Chrysene-d12	13.87	240	340223	20.00	ng	0.00
86) Perylene-d12	15.25	264	347587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	782379	63.01	ng	0.00
7) Phenol-d6	6.37	99	746938	49.27	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1264100	81.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	385555	128.18	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1888760	110.31	ng	-0.01
78) Terphenyl-d14	12.83	244	1436461	102.40	ng	0.01
Target Compounds						
15) Benzyl Alcohol	6.86	79	24470	2.08	ng	# 31
37) 2-Methylnaphthalene	8.72	142	1609	Below Cal	#	1
49) Dimethylphthalate	9.47	163	92248	3.97	ng	# 95
62) Azobenzene	10.41	77	76962	3.10	ng	# 57
71) Anthracene	11.31	178	6883	Below Cal	#	1
73) Di-n-butylphthalate	11.81	149	13079	Below Cal	#	22
74) Fluoranthene	12.44	202	1748	Below Cal	#	1
76) Benzydine	12.57	184	2357	Below Cal	#	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

Instrument :

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ClientSampleId :

GPW-1

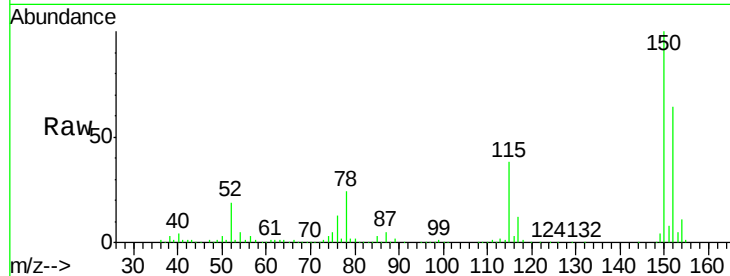
Tgt Ion:152 Resp: 207332

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

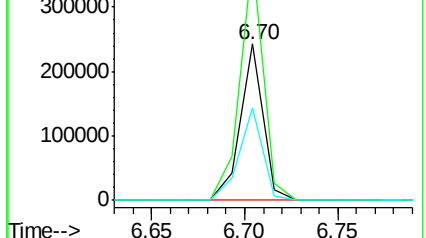
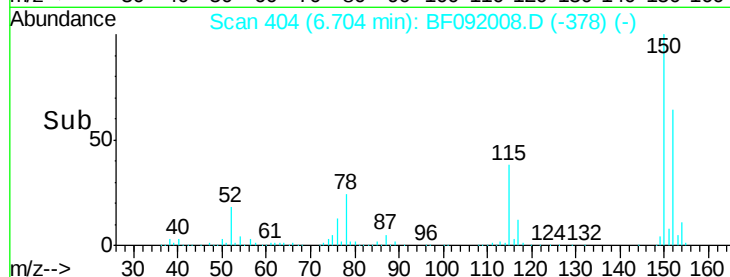
115 59.3 46.0 69.0



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: 63.01 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

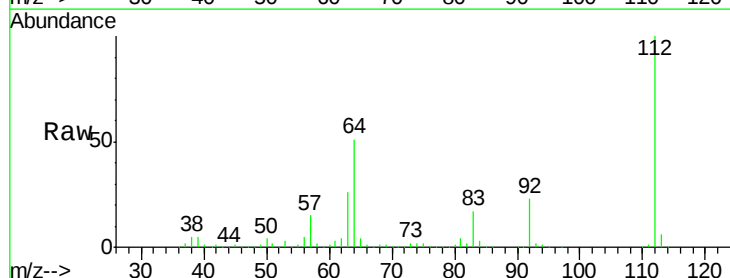
Tgt Ion:112 Resp: 782379

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

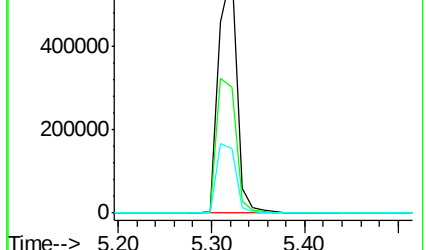
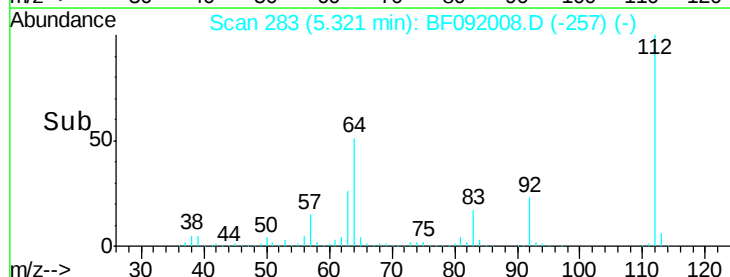
63 26.4 23.8 35.6



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: 49.27 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

GPW-1

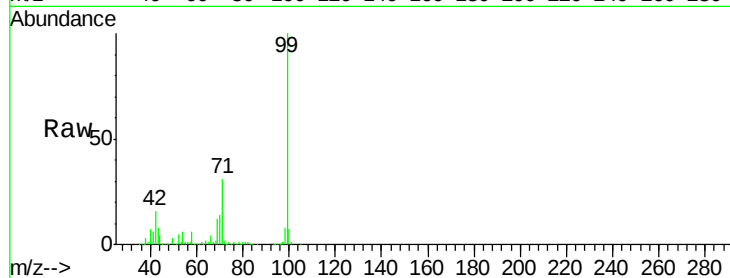
Tgt Ion: 99 Resp: 746938

Ion Ratio Lower Upper

99 100

42 15.9 15.6 23.4

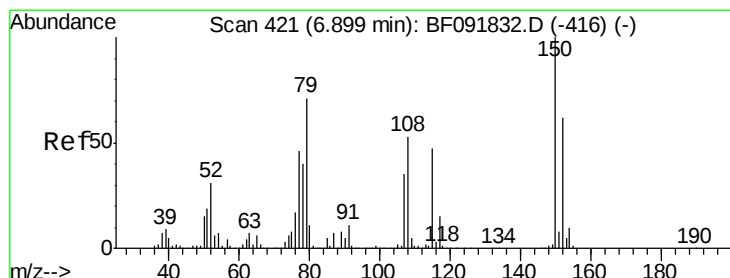
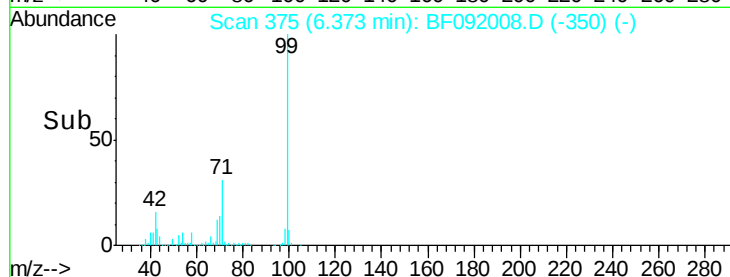
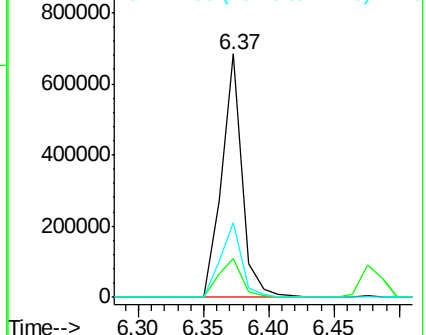
71 30.6 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

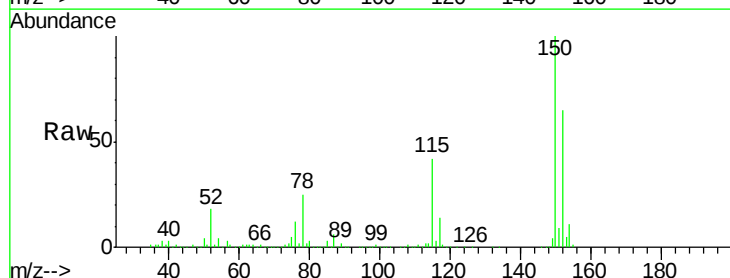
Tgt Ion: 79 Resp: 24470

Ion Ratio Lower Upper

79 100

108 30.9 61.4 92.0#

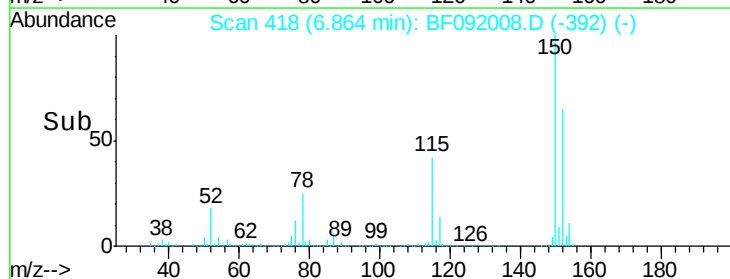
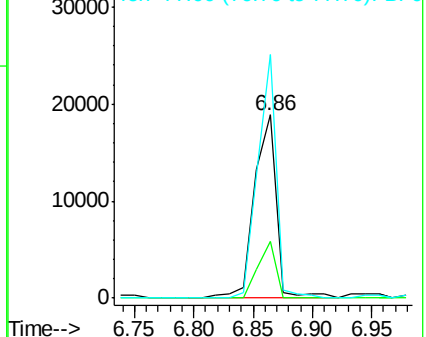
77 132.9 50.9 76.3#

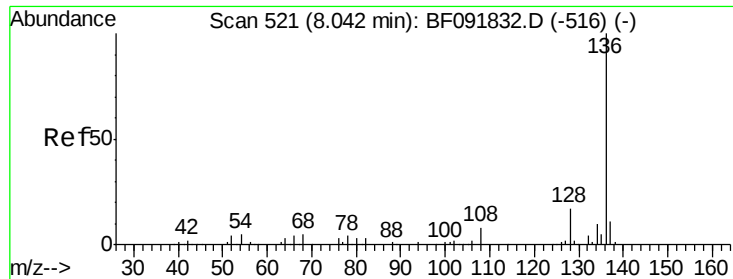


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

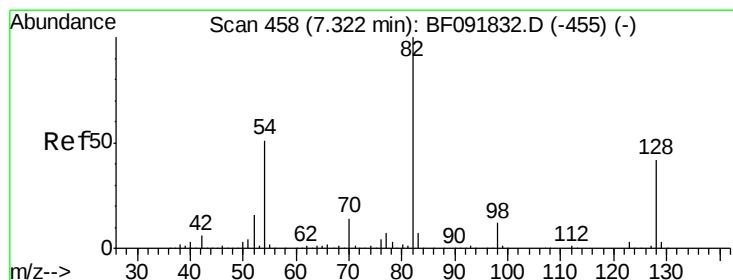
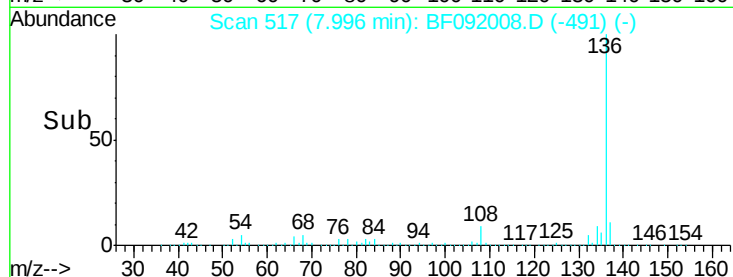
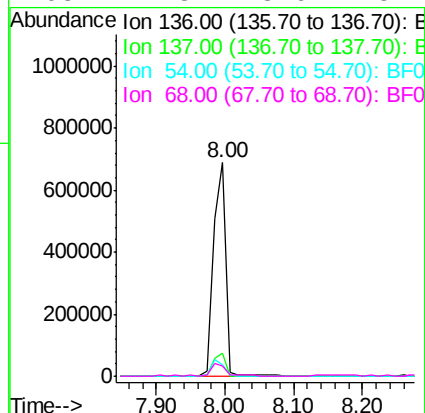
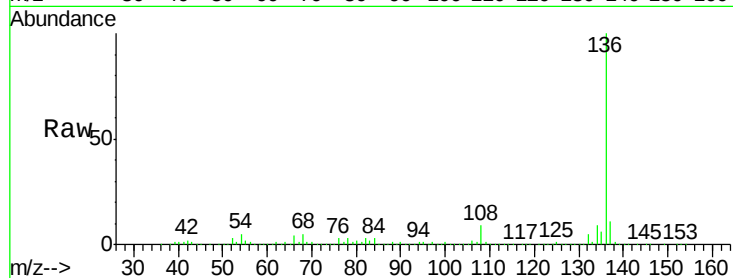




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF092008.D
Acq: 28 Dec 2016 21:37

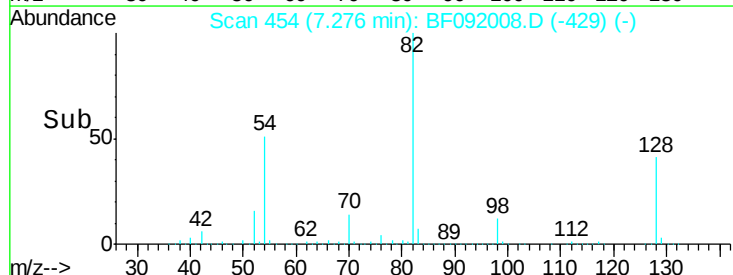
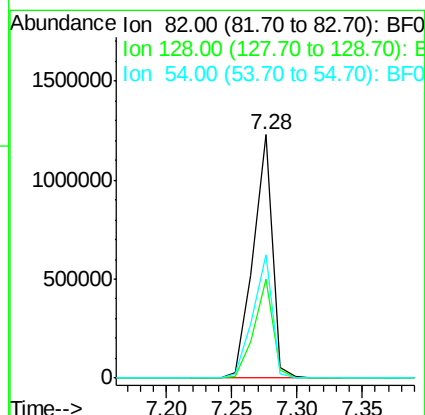
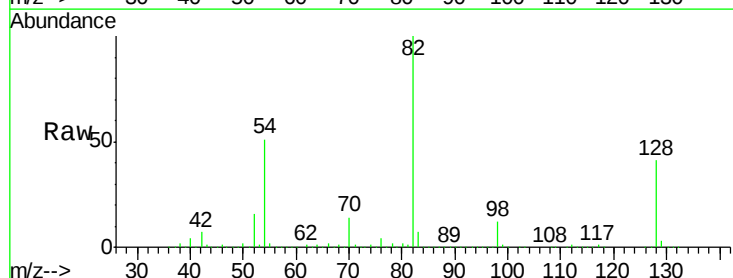
Instrument :
BNA_F
ClientSampleId :
GPW-1

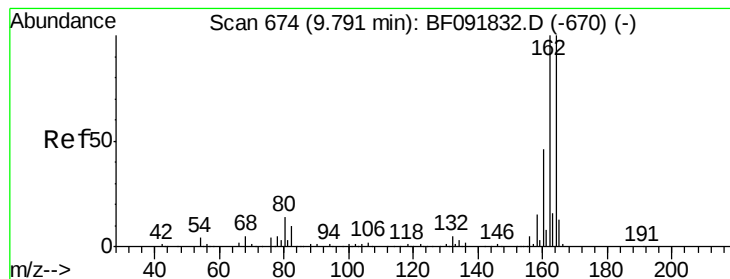
Tgt Ion:	136	Resp:	859840
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.3	4.5	6.7
68	4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 81.75 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092008.D
Acq: 28 Dec 2016 21:37

Tgt Ion:	82	Resp:	1264100
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	50.9	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

GPW-1

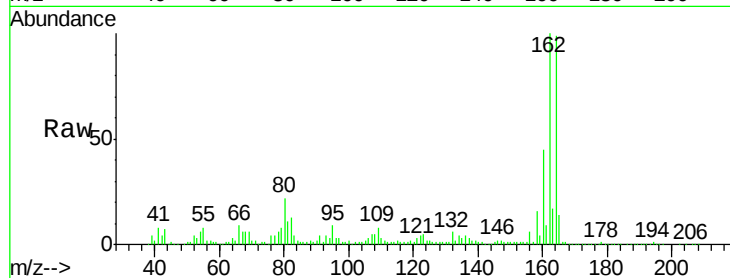
Tgt Ion:164 Resp: 363468

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

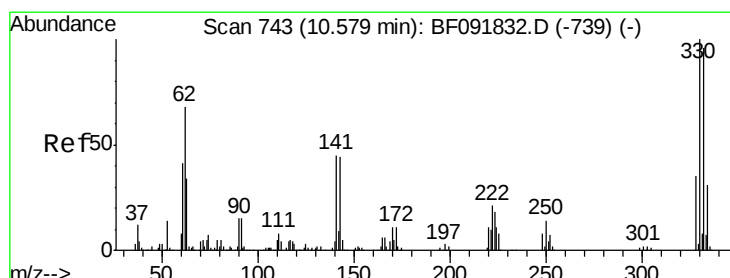
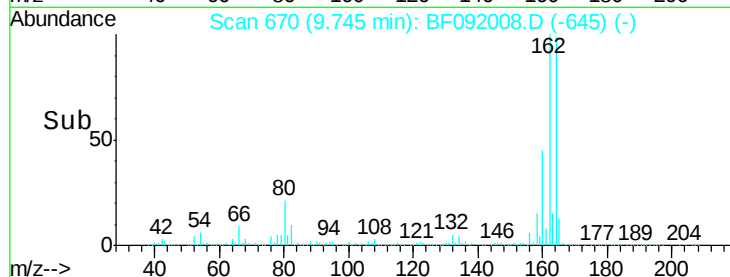
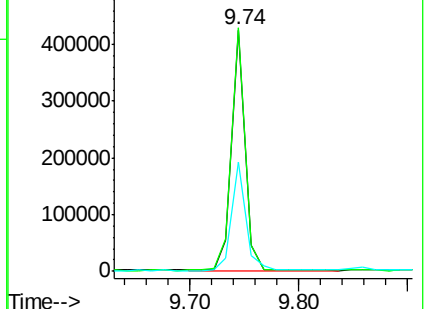
160 45.2 36.9 55.3



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: 128.18 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

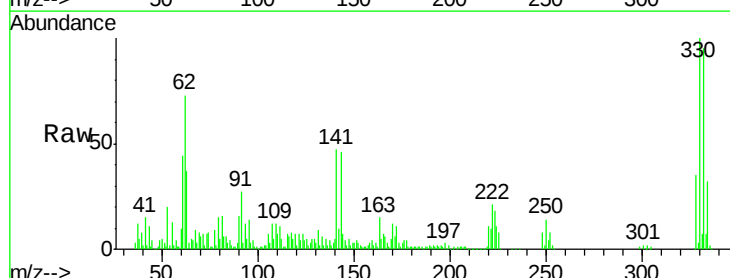
Tgt Ion:330 Resp: 385555

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

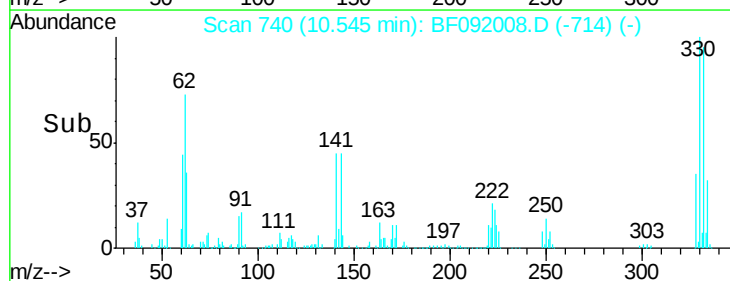
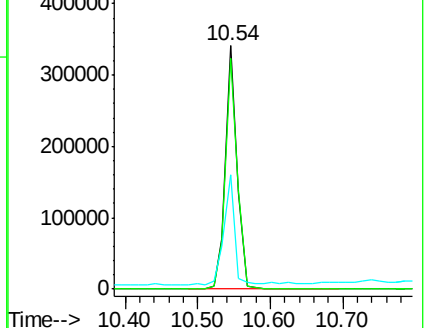
141 41.4 34.1 51.1

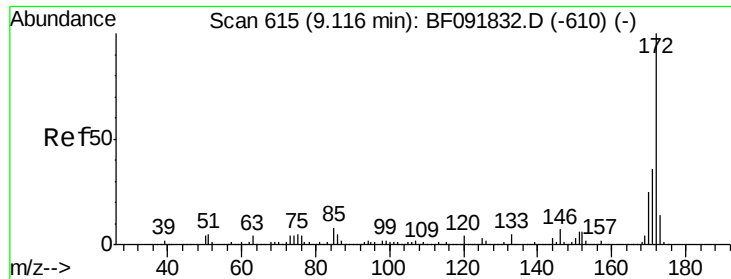


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

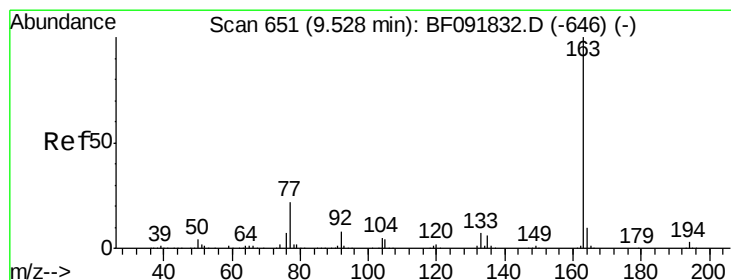
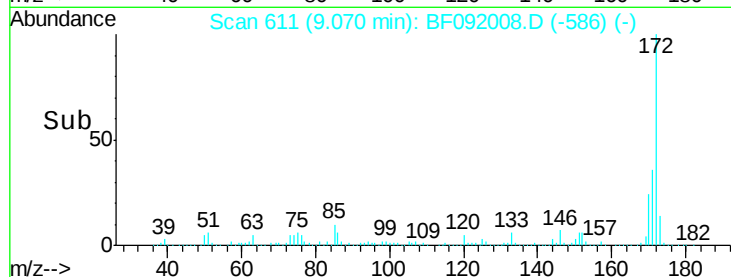
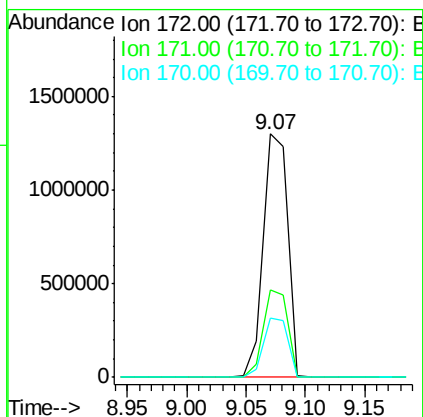
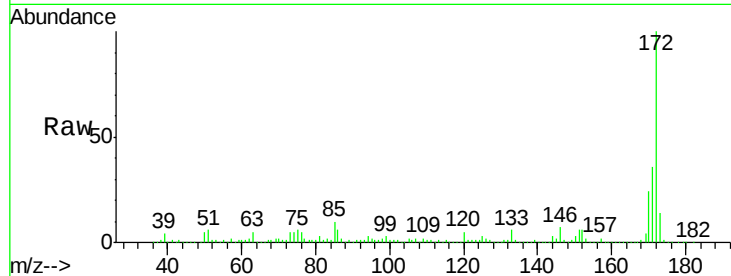




#44
2-Fluorobiphenyl
Concen: 110.31 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF092008.D
Acq: 28 Dec 2016 21:37

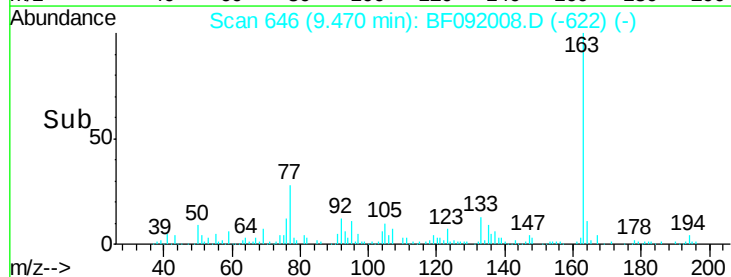
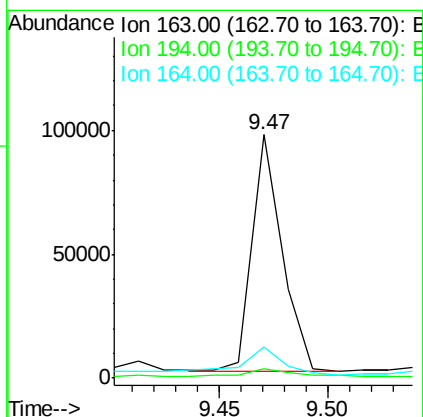
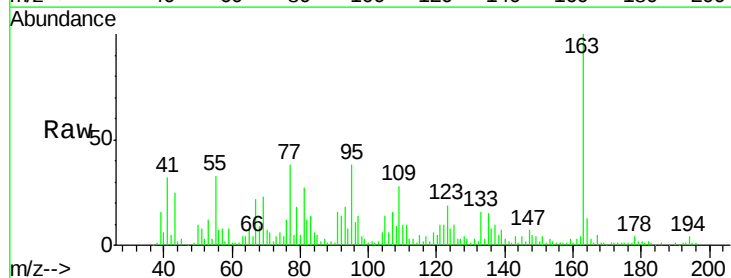
Instrument :
BNA_F
ClientSampleId :
GPW-1

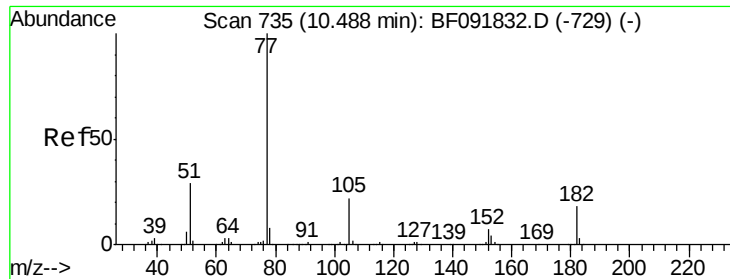
Tgt Ion:172 Resp: 1888760
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.4 20.2 30.4



#49
Dimethylphthalate
Concen: 3.97 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF092008.D
Acq: 28 Dec 2016 21:37

Tgt Ion:163 Resp: 92248
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 12.6 8.0 12.0#





#62

Azobenzene

Concen: 3.10 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

Instrument :

BNA_F

ClientSampled :

GPW-1

Tgt Ion: 77 Resp: 76962

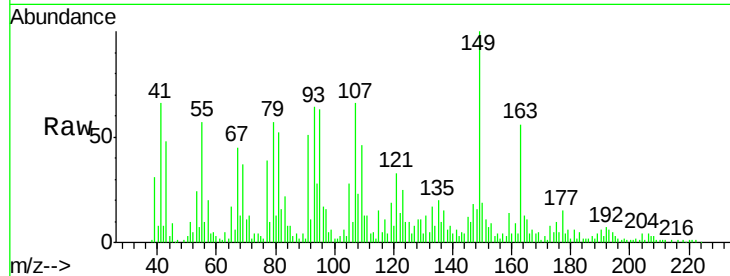
Ion Ratio Lower Upper

77 100

182 5.2 0.0 39.3

105 70.9 2.3 42.3#

51 26.4 8.9 48.9

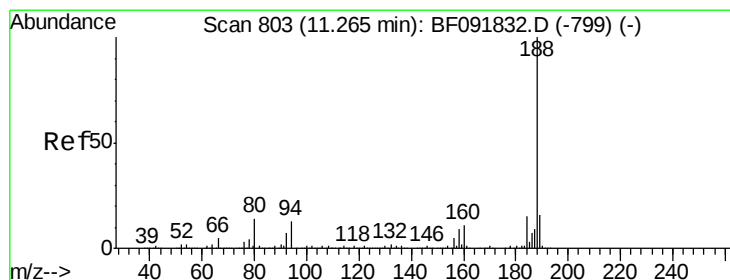
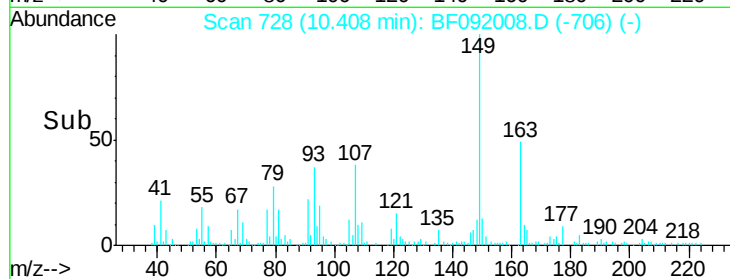
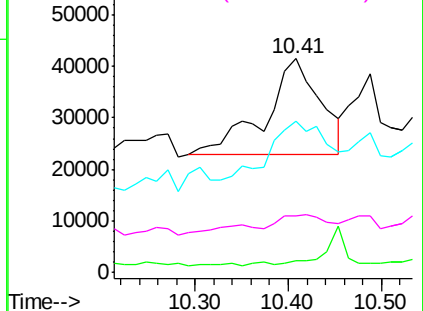


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

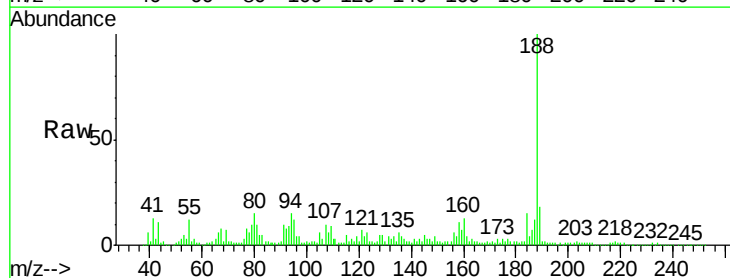
Tgt Ion: 188 Resp: 475271

Ion Ratio Lower Upper

188 100

94 14.5 10.0 15.0

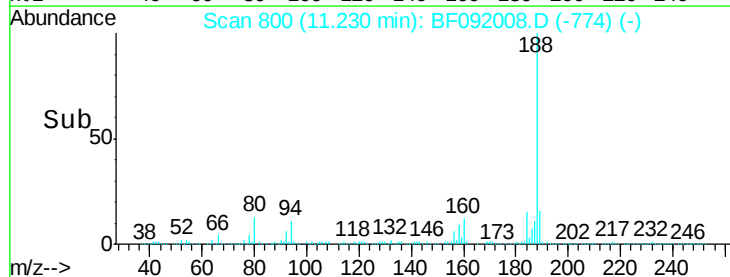
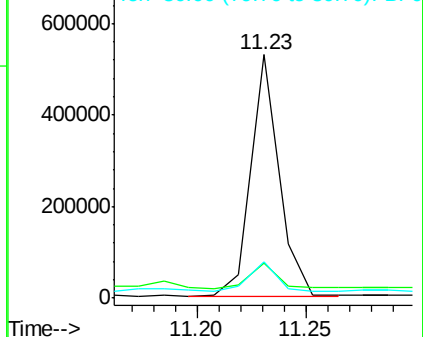
80 15.1 11.2 16.8

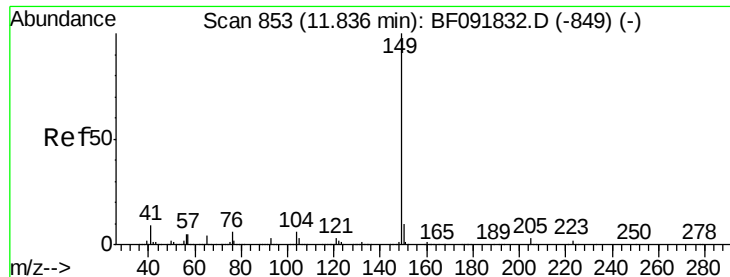


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.81 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

GPW-1

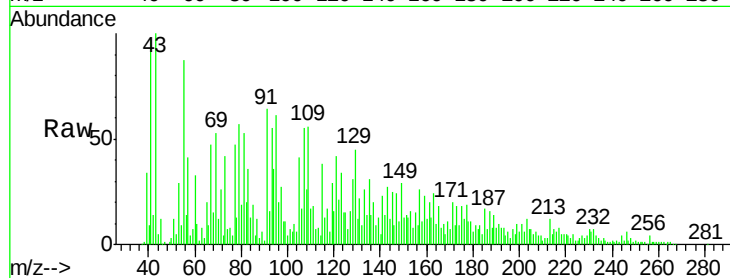
Tgt Ion:149 Resp: 13079

Ion Ratio Lower Upper

149 100

150 46.4 8.1 12.1#

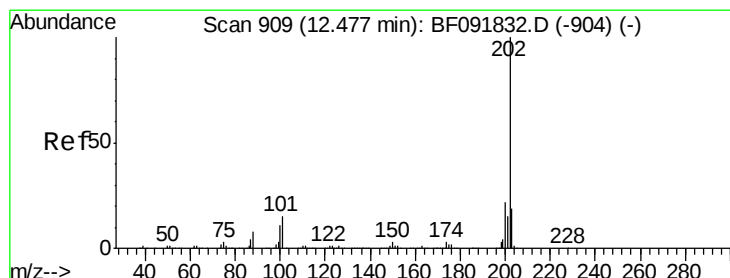
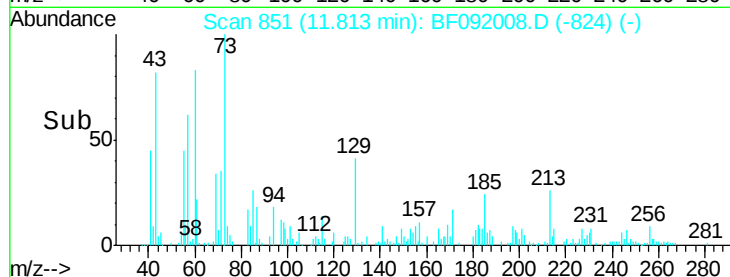
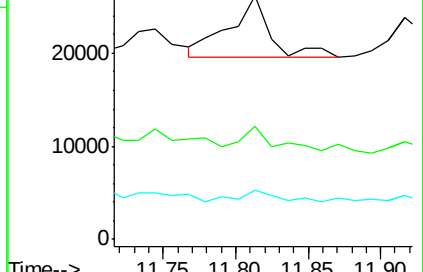
104 20.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.44 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

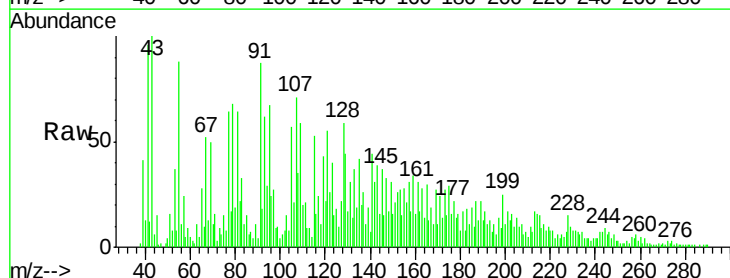
Tgt Ion:202 Resp: 1748

Ion Ratio Lower Upper

202 100

101 45.7 0.0 34.6#

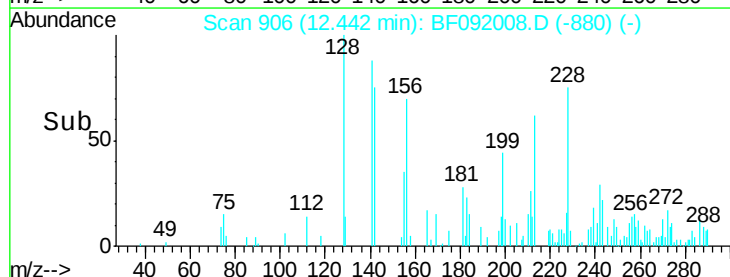
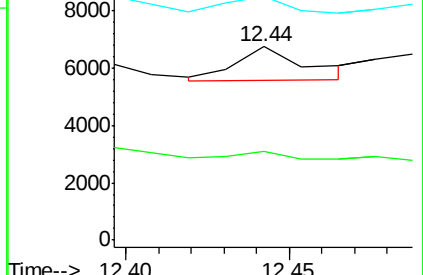
203 125.9 0.0 38.7#

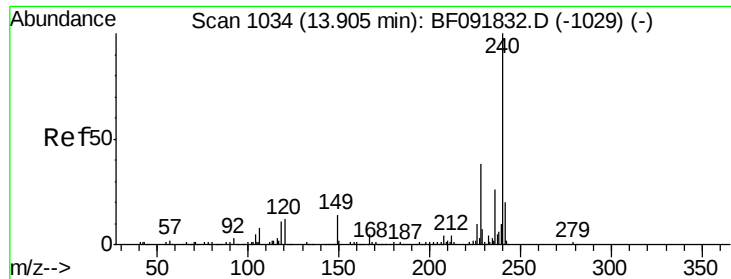


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

GPW-1

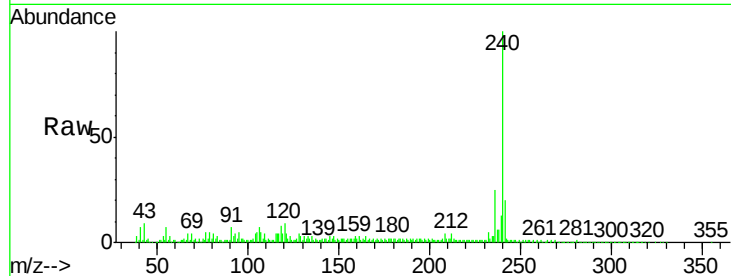
Tgt Ion:240 Resp: 340223

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

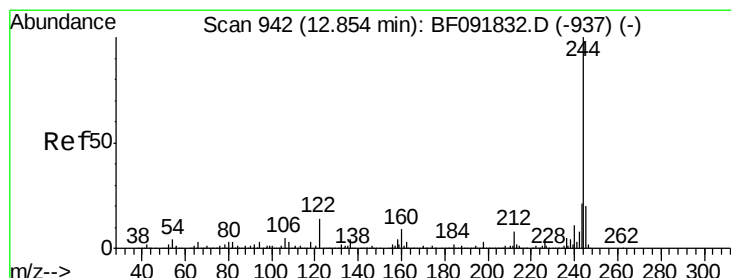
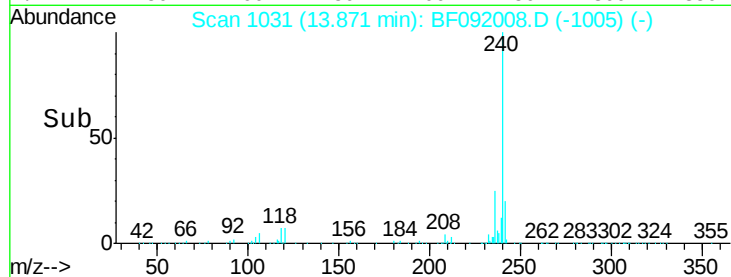
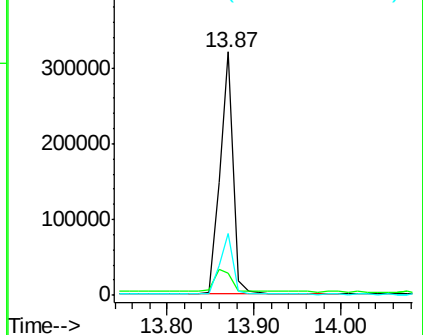
236 25.3 20.9 31.3



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: 102.40 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF092008.D

Acq: 28 Dec 2016 21:37

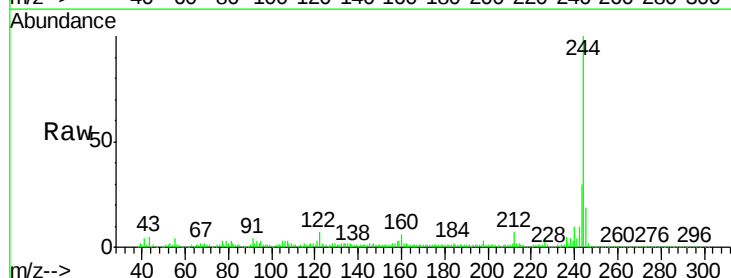
Tgt Ion:244 Resp: 1436461

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

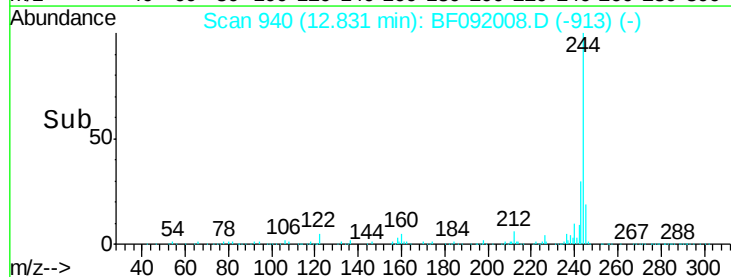
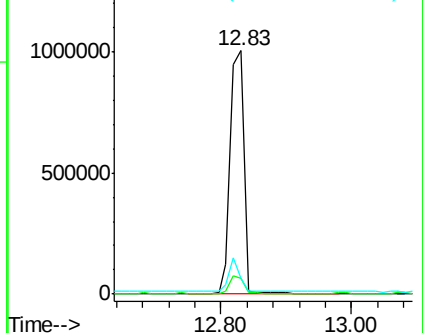
122 6.7 11.4 17.2#

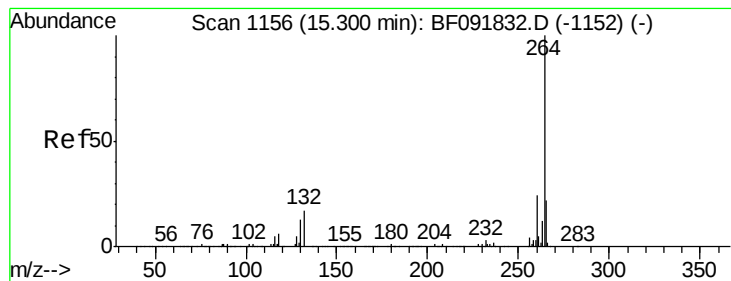


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF092008.D

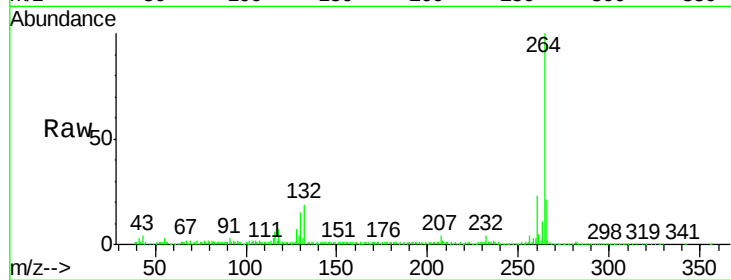
Acq: 28 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

GPW-1



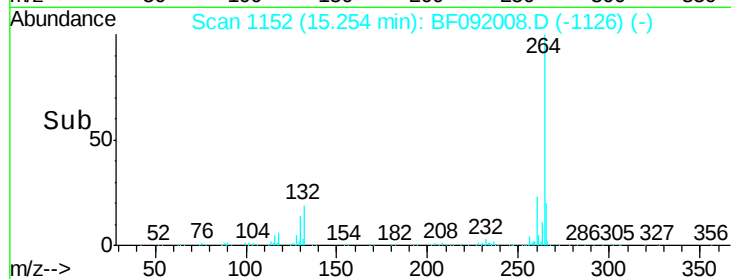
Tgt Ion: 264 Resp: 347587

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 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

