

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092558.D
 Acq On : 27 Jan 2017 6:32
 Operator : SJ/MA
 Sample : I1364-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Quant Time: Jan 27 07:01:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

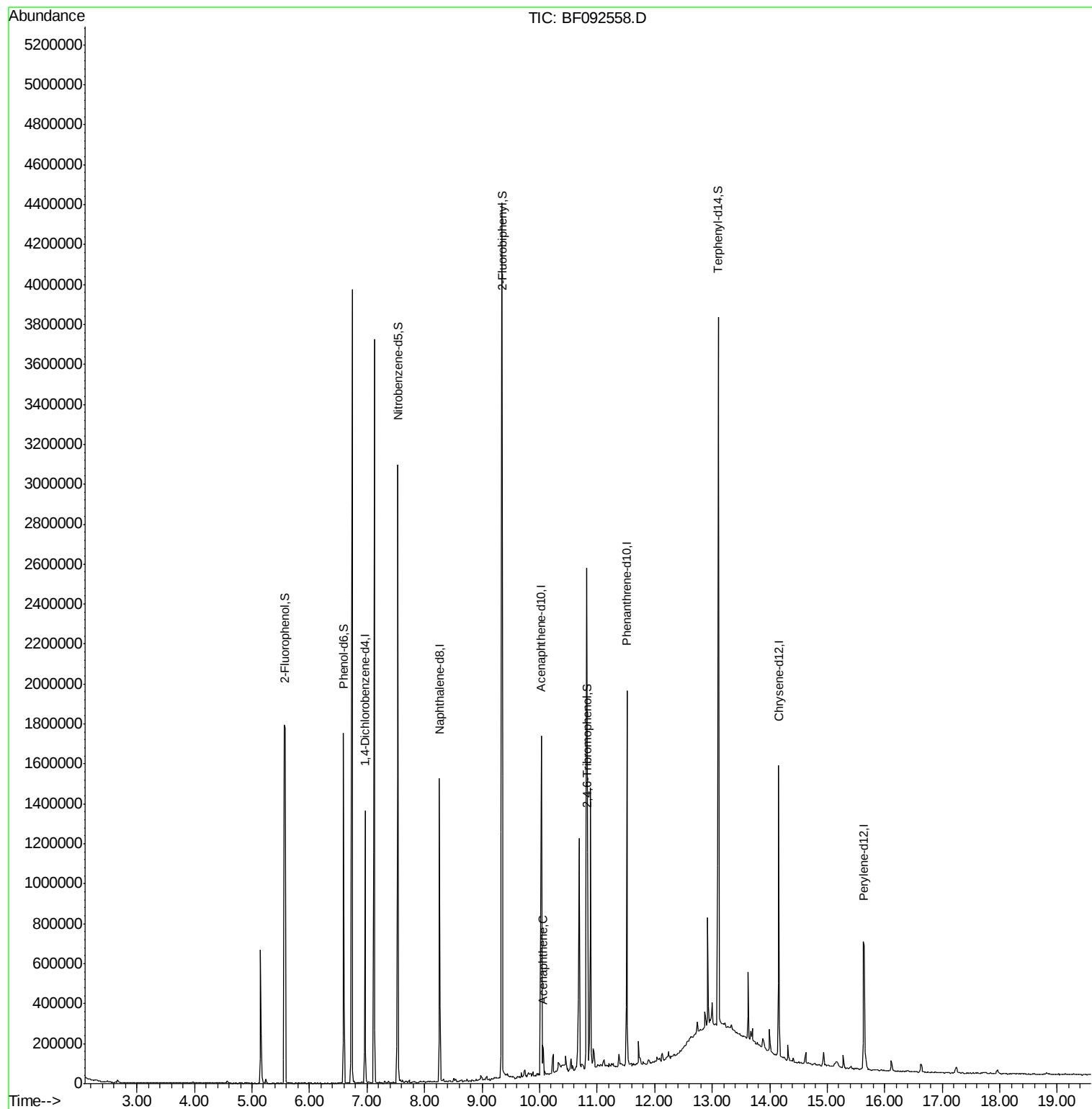
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	180424	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	699271	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	411923	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	645149	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	497419	20.00	ng	-0.01
86) Perylene-d12	15.64	264	371203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	716977	61.83	ng	0.02
7) Phenol-d6	6.59	99	537058	36.36	ng	0.00
23) Nitrobenzene-d5	7.54	82	1121775	87.63	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	362100	128.99	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1721225	77.27	ng	-0.01
78) Terphenyl-d14	13.10	244	1728282	92.52	ng	-0.01
Target Compounds						
51) Acenaphthene	10.06	154	47854	2.16	ng	Qvalue 95

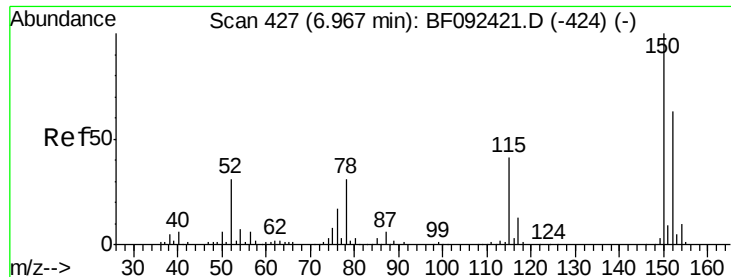
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

Instrument :

BNA_F

ClientSampleId :

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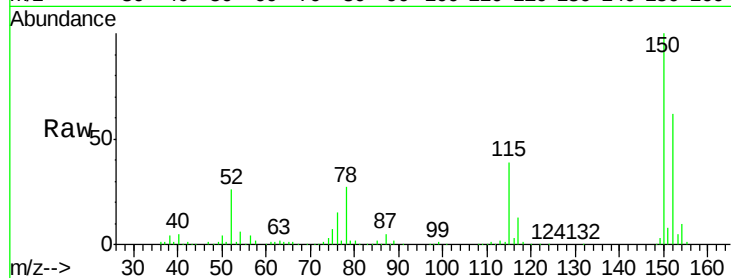
Tgt Ion:152 Resp: 180424

Ion Ratio Lower Upper

152 100

150 161.5 124.9 187.3

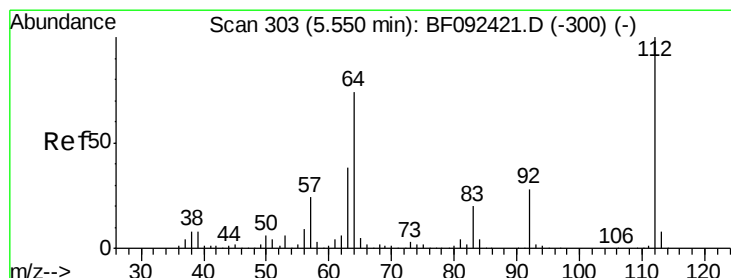
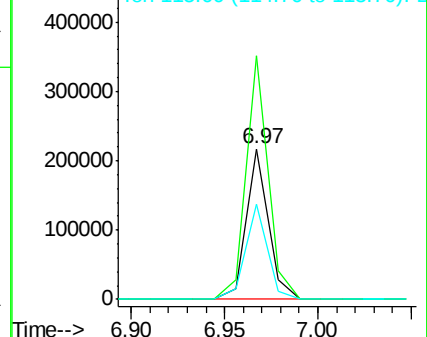
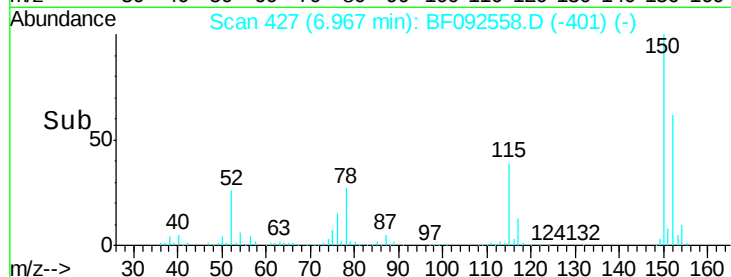
115 63.1 46.0 69.0



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: 61.83 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

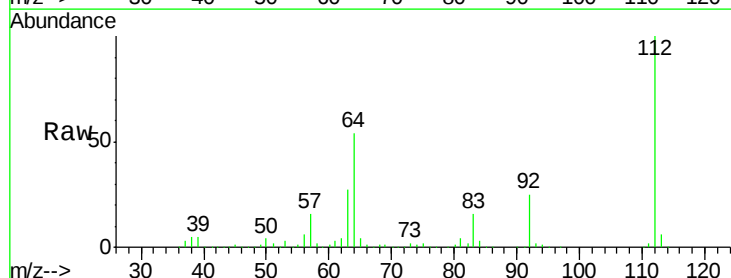
Tgt Ion:112 Resp: 716977

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

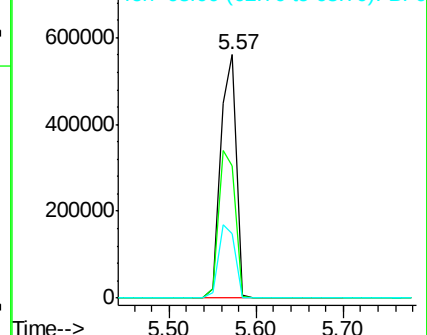
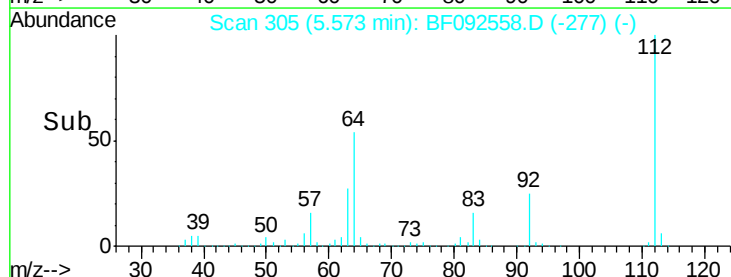
63 26.6 23.8 35.6

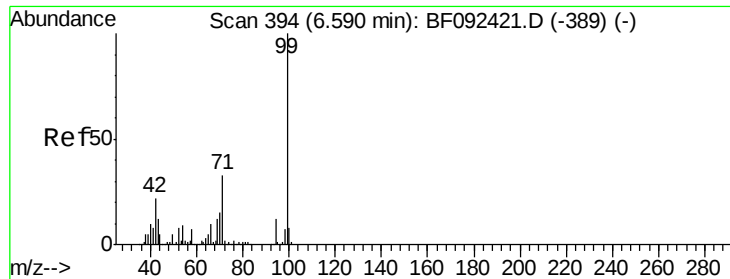


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.36 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

Instrument :

BNA_F

ClientSampleId :

W-26

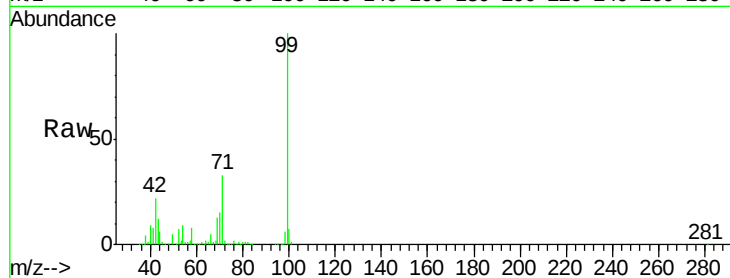
Tgt Ion: 99 Resp: 537058

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

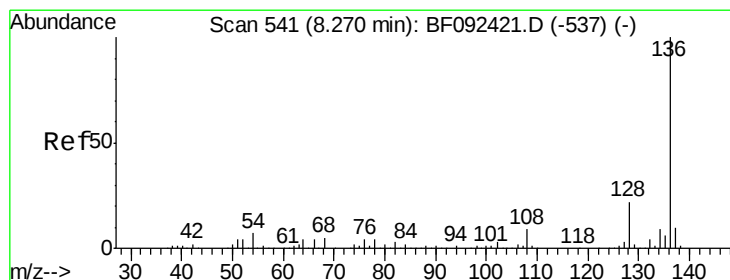
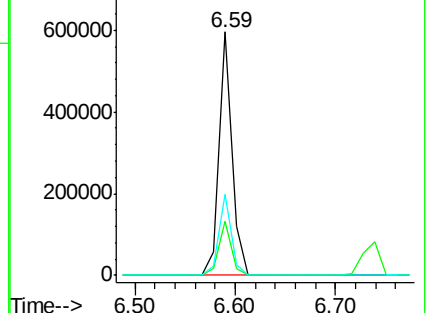
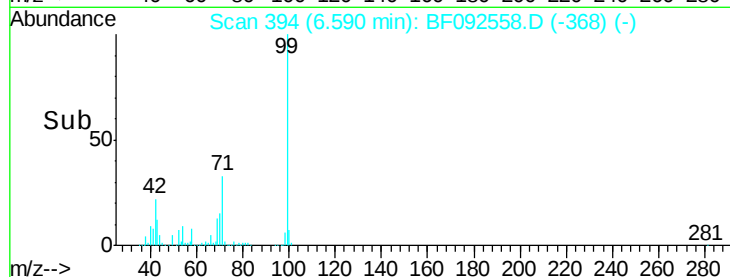
71 33.1 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

Tgt Ion: 136 Resp: 699271

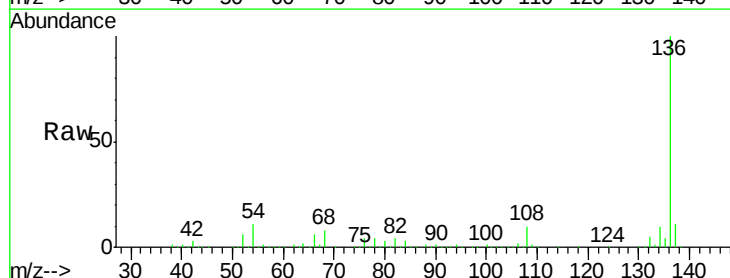
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.4 4.5 6.7#

68 7.7 3.6 5.4#

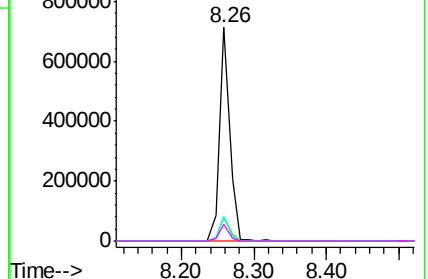
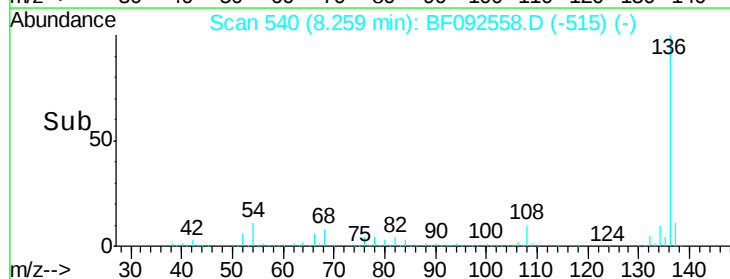


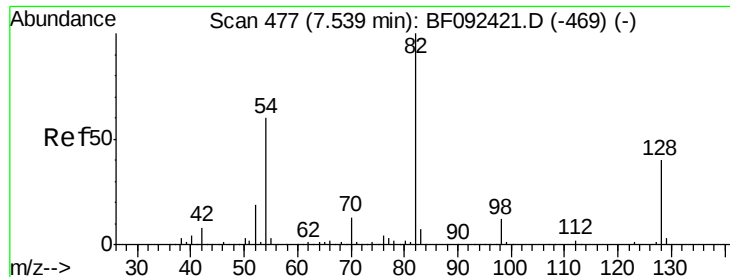
Abundance Ion 136.00 (135.70 to 136.70): E

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

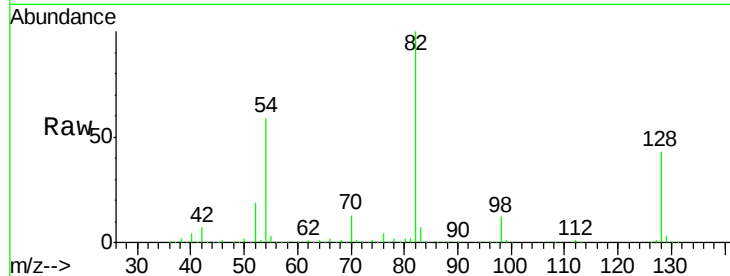




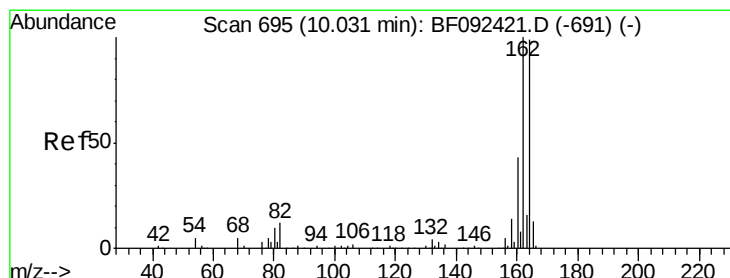
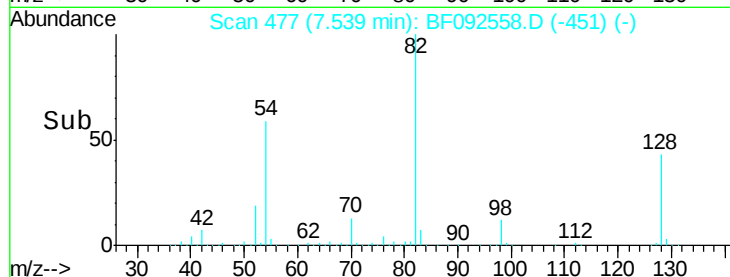
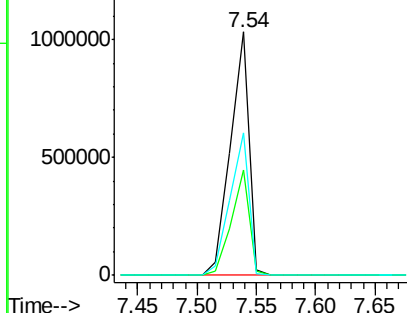
#23
Nitrobenzene-d5
Concen: 87.63 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092558.D
Acq: 27 Jan 2017 6:32

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 1121775
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 58.8 39.5 59.3

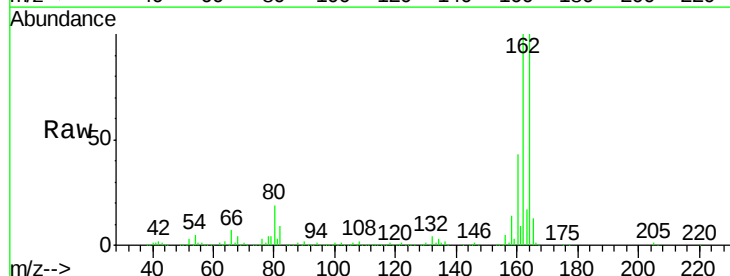


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

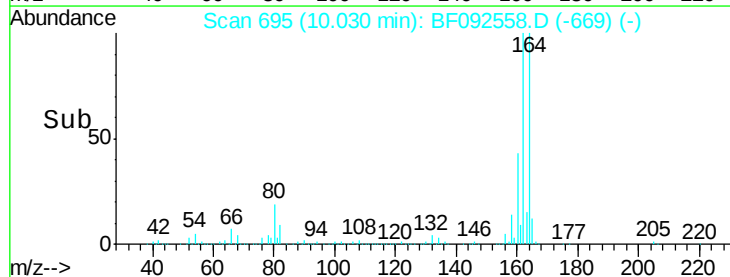
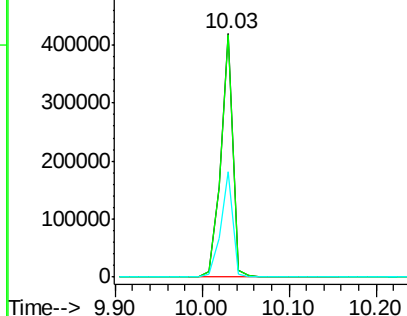


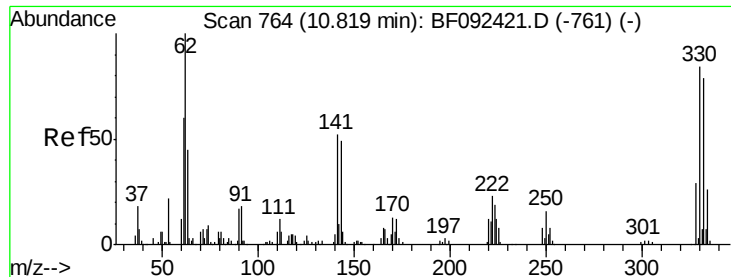
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092558.D
Acq: 27 Jan 2017 6:32

Tgt Ion: 164 Resp: 411923
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 43.1 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

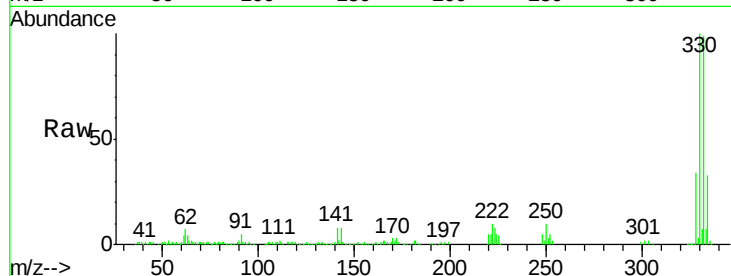




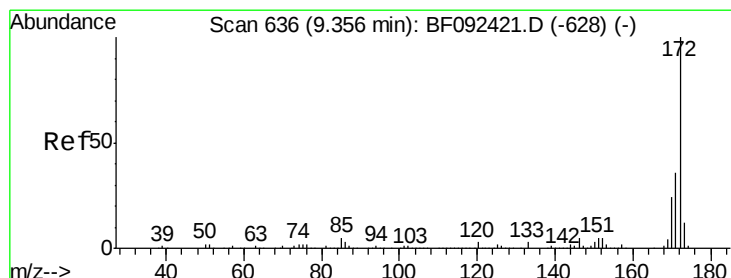
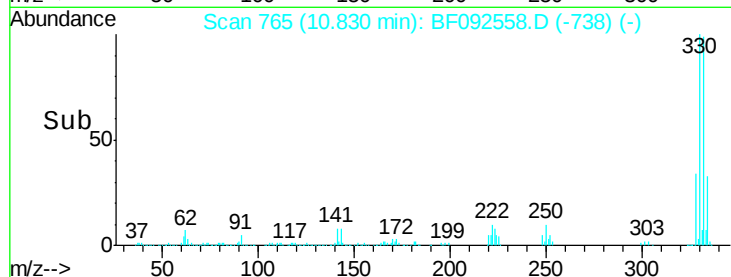
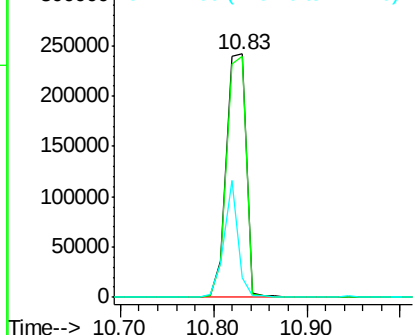
#41
 2,4,6-Tribromophenol
 Concen: 128.99 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092558.D
 Acq: 27 Jan 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tgt Ion:330 Resp: 362100
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 33.3 34.1 51.1#

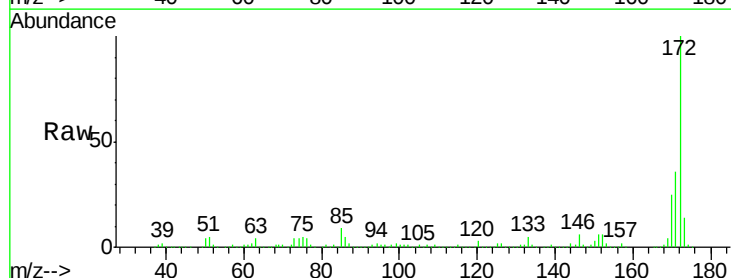


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

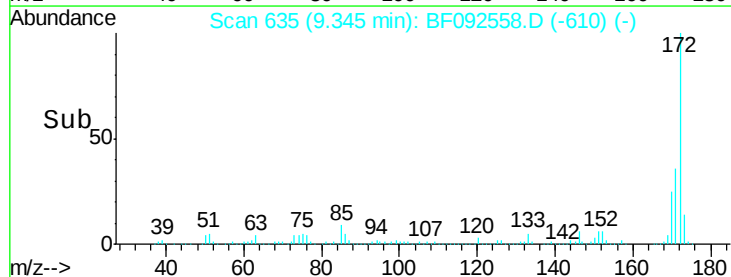
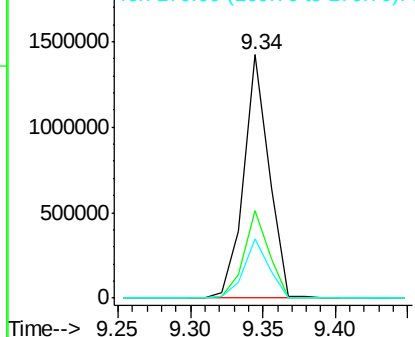


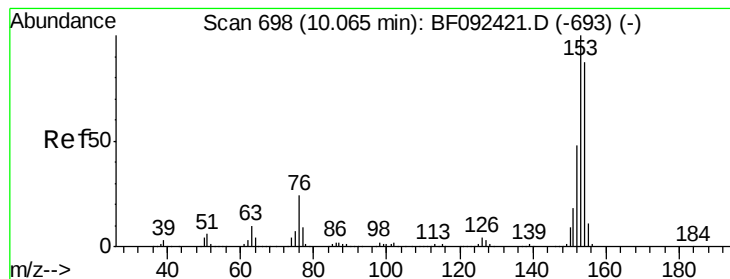
#44
 2-Fluorobiphenyl
 Concen: 77.27 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092558.D
 Acq: 27 Jan 2017 6:32

Tgt Ion:172 Resp: 1721225
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 2.16 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

Instrument :

BNA_F

ClientSampleId :

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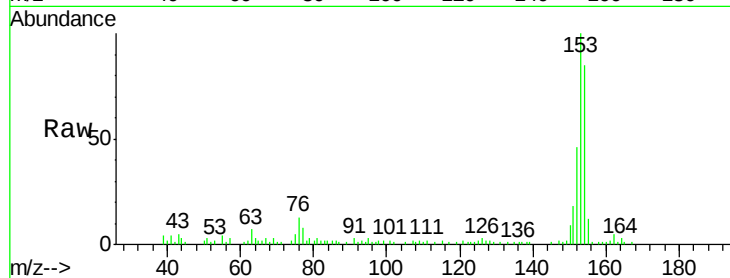
Tgt Ion:154 Resp: 47854

Ion Ratio Lower Upper

154 100

153 117.1 88.6 133.0

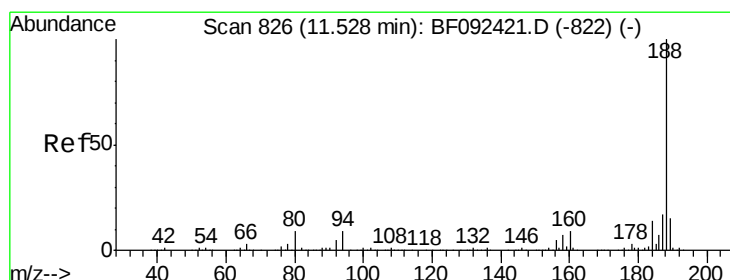
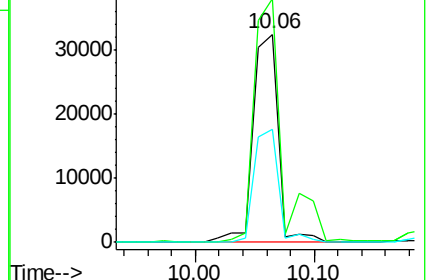
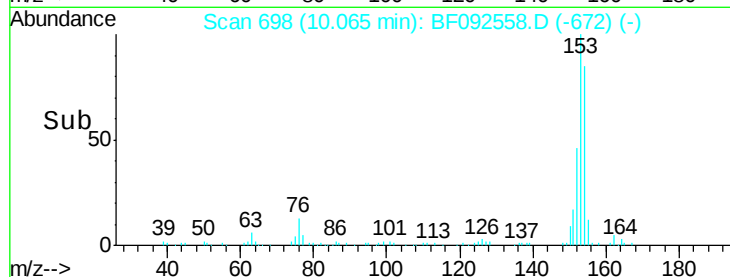
152 54.4 41.6 62.4



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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

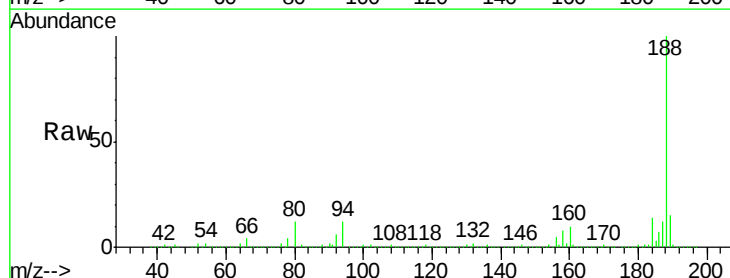
Tgt Ion:188 Resp: 645149

Ion Ratio Lower Upper

188 100

94 11.6 10.0 15.0

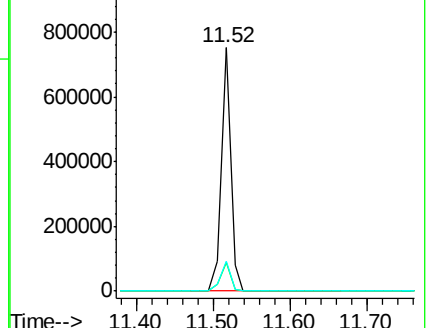
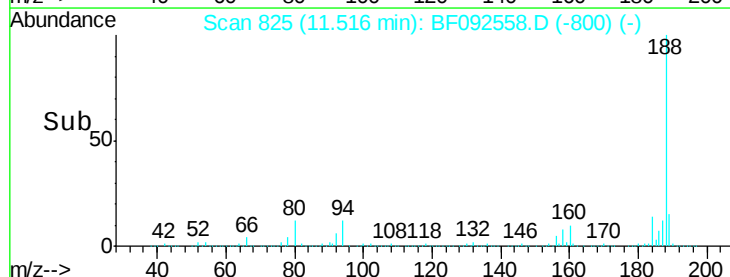
80 12.3 11.2 16.8

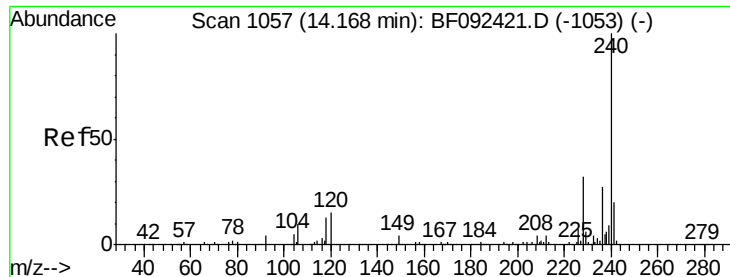


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

Instrument :

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ClientSampleId :

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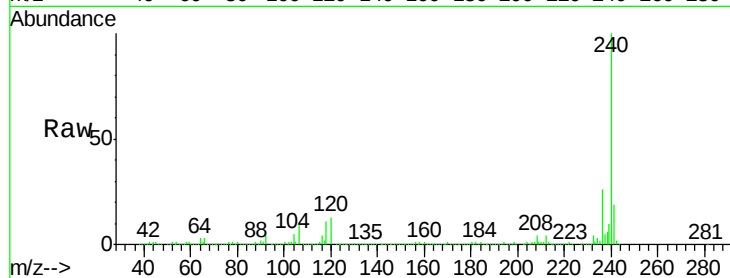
Tgt Ion:240 Resp: 497419

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

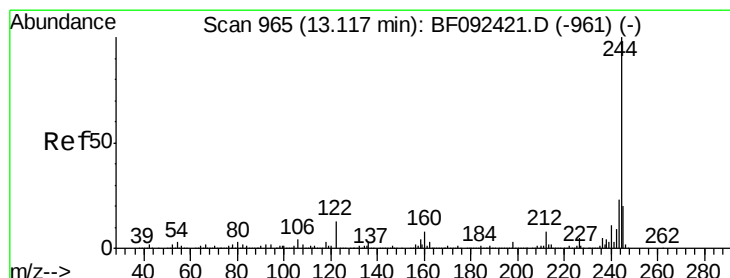
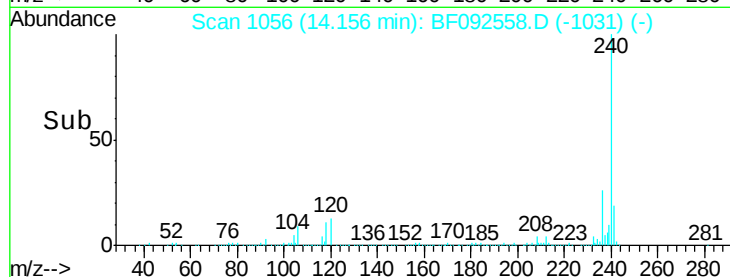
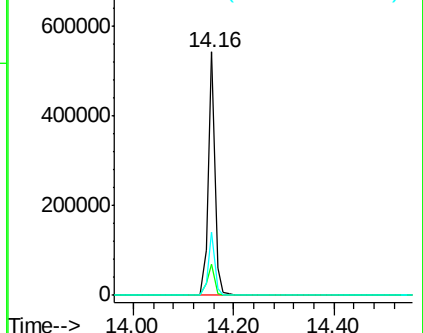
236 26.0 20.9 31.3



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: 92.52 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092558.D

Acq: 27 Jan 2017 6:32

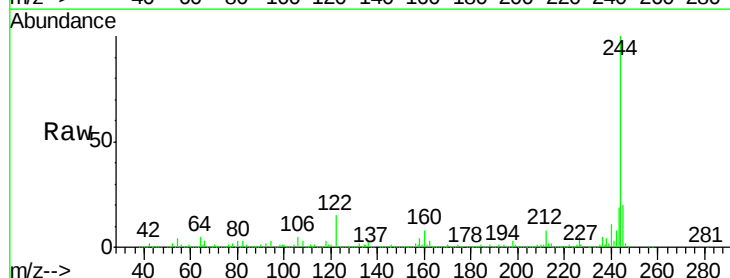
Tgt Ion:244 Resp: 1728282

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

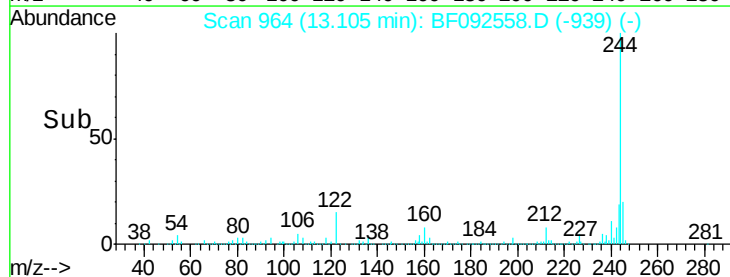
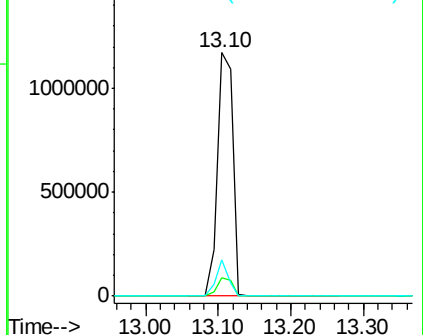
122 14.8 11.4 17.2

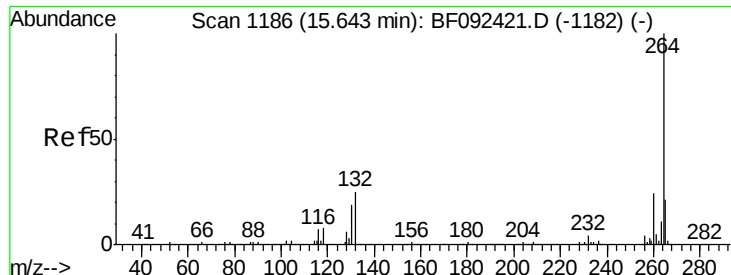


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

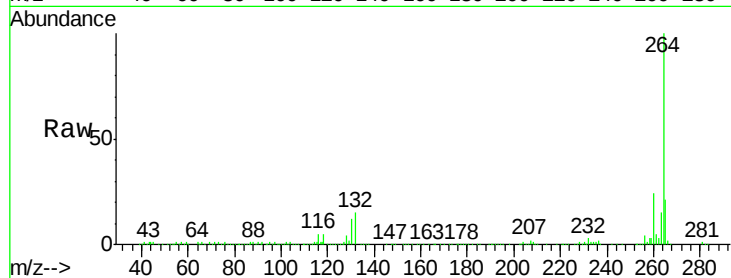




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092558.D
Acq: 27 Jan 2017 6:32

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 371203
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.3 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

