

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092572.D
 Acq On : 27 Jan 2017 12:54
 Operator : SJ/MA
 Sample : I1353-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Quant Time: Jan 27 16:01:45 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

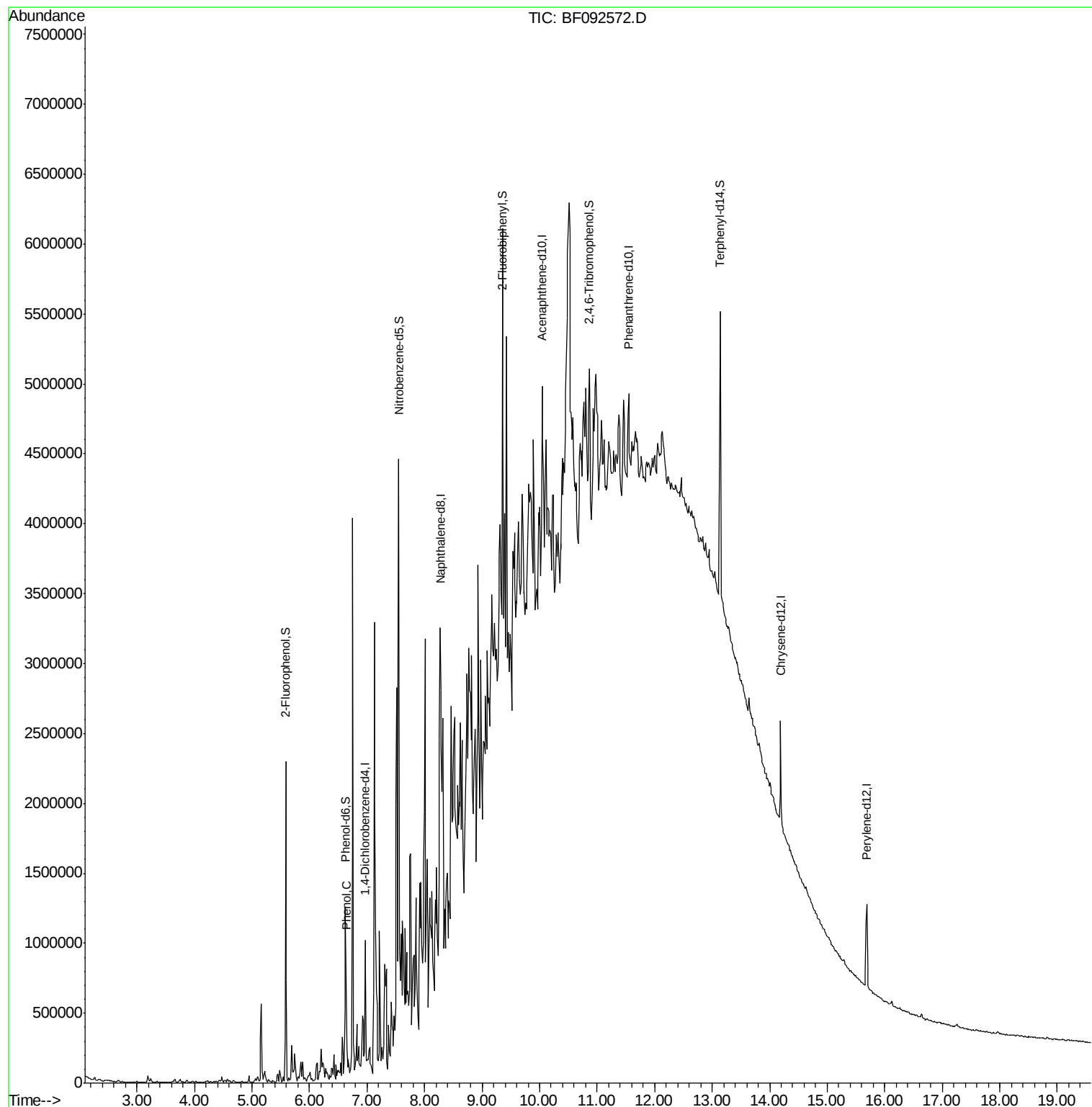
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155864	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	587596	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	394524	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	315257	20.00	ng	0.02
75) Chrysene-d12	14.19	240	320710	20.00	ng	0.02
86) Perylene-d12	15.69	264	327811	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	643041	64.19	ng	0.03
7) Phenol-d6	6.62	99	547584	42.91	ng	0.03
23) Nitrobenzene-d5	7.55	82	1073494	99.80	ng	0.01
41) 2,4,6-Tribromophenol	10.86	330	254921	94.82	ng	0.05
44) 2-Fluorobiphenyl	9.36	172	1410062	66.09	ng	0.00
78) Terphenyl-d14	13.14	244	1051473	87.30	ng	0.02
Target Compounds						
10) Phenol	6.64	94	31403	2.04	ng	Qvalue 91

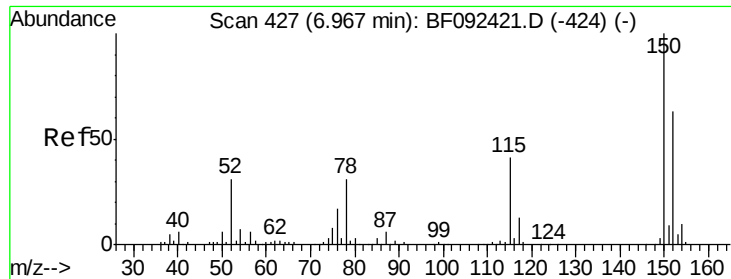
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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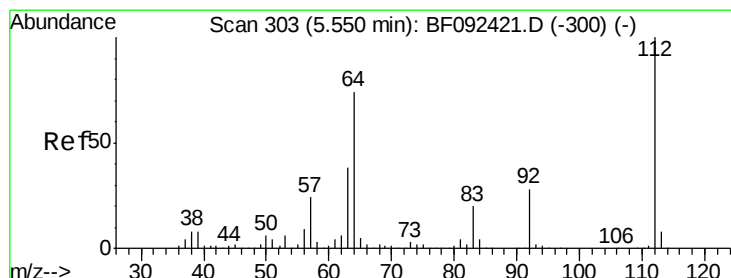
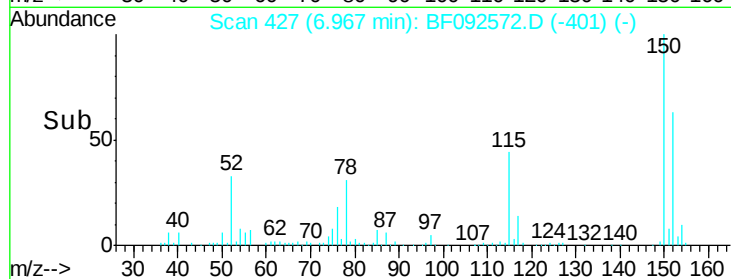
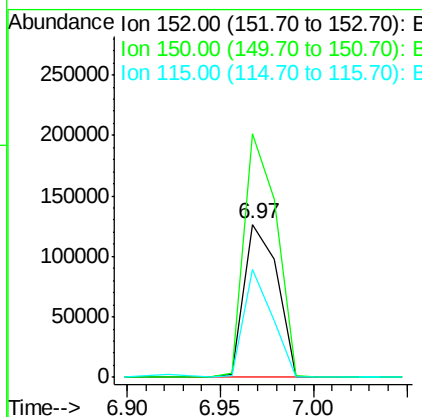
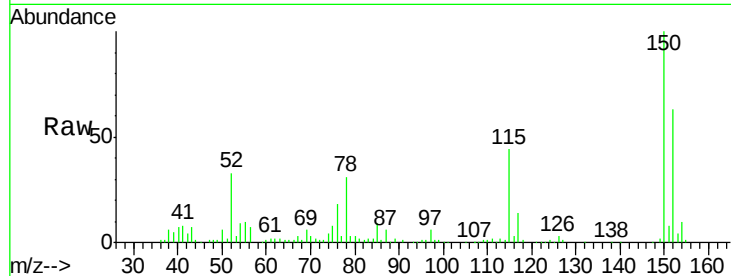


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092572.D
Acq: 27 Jan 2017 12:54

Instrument :
BNA_F
ClientSampled :
W-01

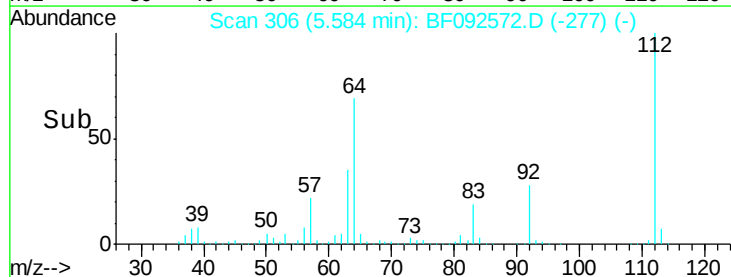
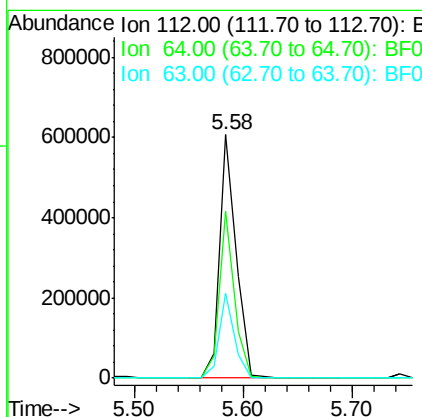
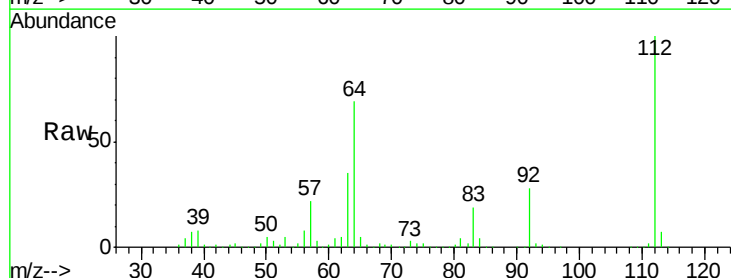
Tot Ion:152 Resp: 155864
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 70.5 46.0 69.0#

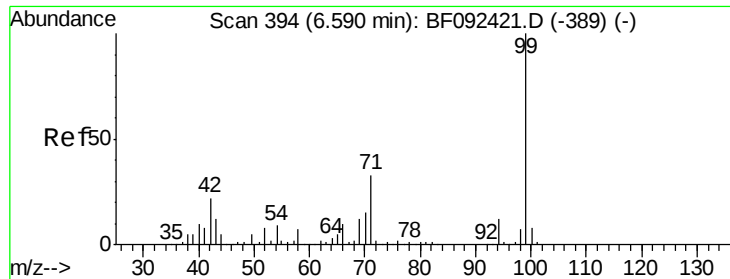


#5

2-Fluorophenol
Concen: 64.19 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.03 min
Lab File: BF092572.D
Acq: 27 Jan 2017 12:54

Tgt Ion:112 Resp: 643041
Ion Ratio Lower Upper
112 100
64 68.5 46.1 69.1
63 34.9 23.8 35.6





#7

Phenol-d6

Concen: 42.91 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

Instrument :

BNA_F

ClientSampled :

W-01

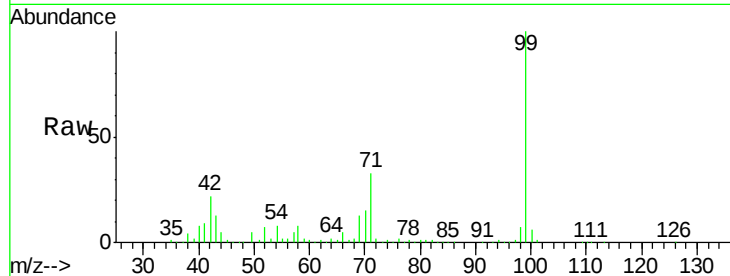
Tot Ion: 99 Resp: 547584

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

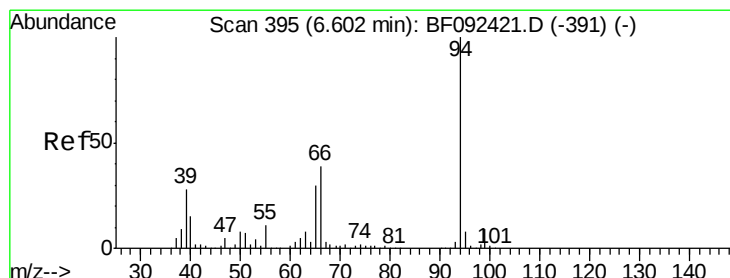
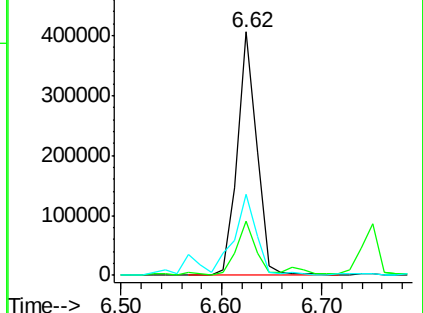
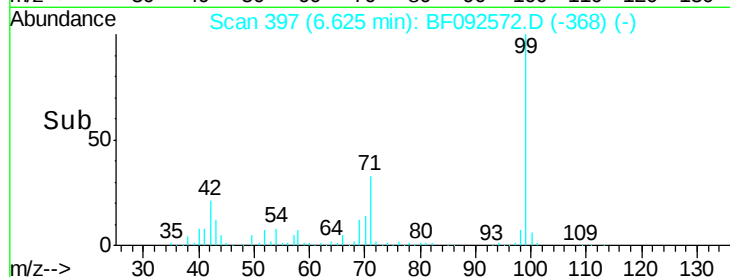
71 33.1 27.5 41.3



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



#10

Phenol

Concen: 2.04 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

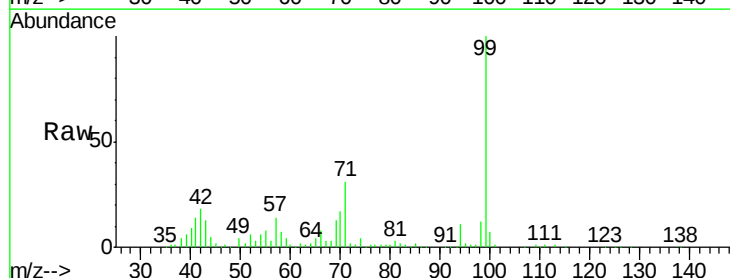
Tgt Ion: 94 Resp: 31403

Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

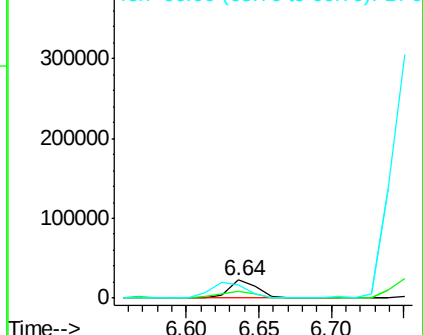
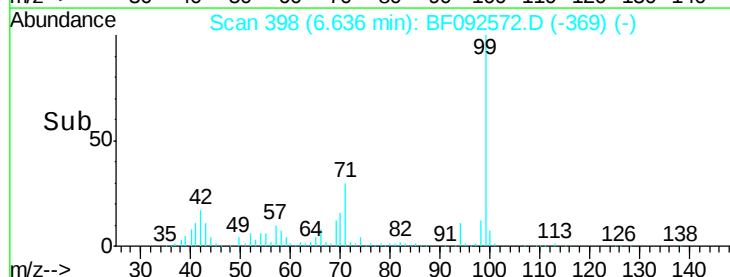
66 73.5 44.0 84.0

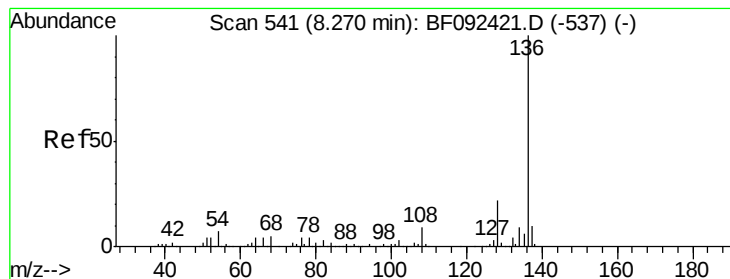


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

Instrument :

BNA_F

ClientSampleId :

W-01

Tot Ion:136 Resp: 587596

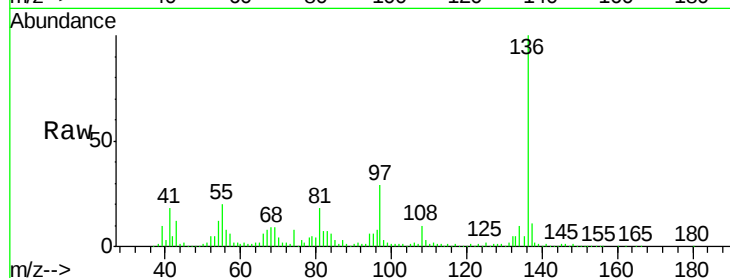
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.3 4.5 6.7#

68 9.3 3.6 5.4#

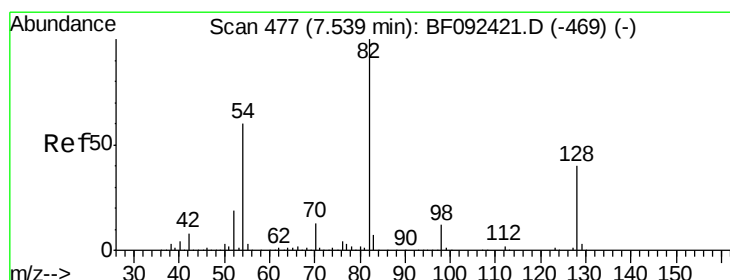
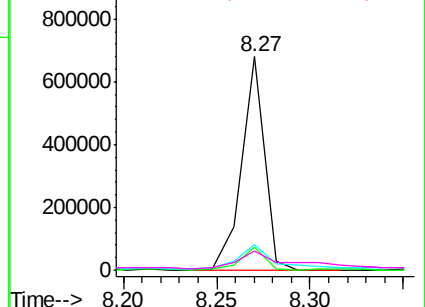
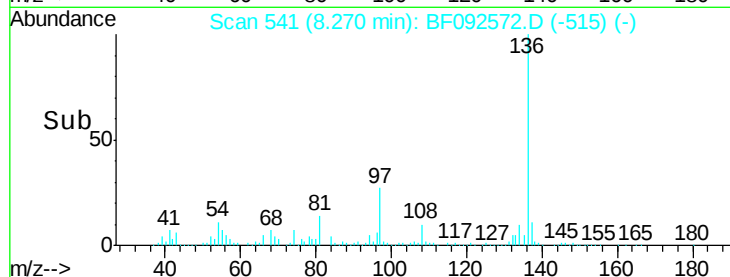


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.80 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

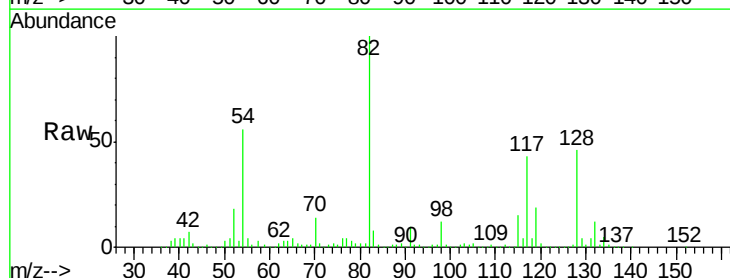
Tgt Ion: 82 Resp: 1073494

Ion Ratio Lower Upper

82 100

128 46.0 34.6 52.0

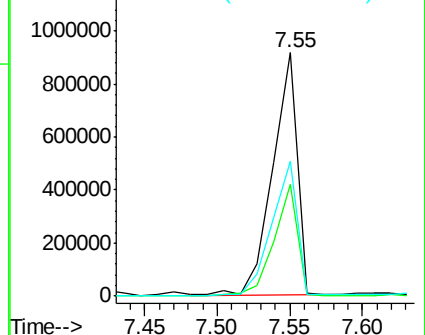
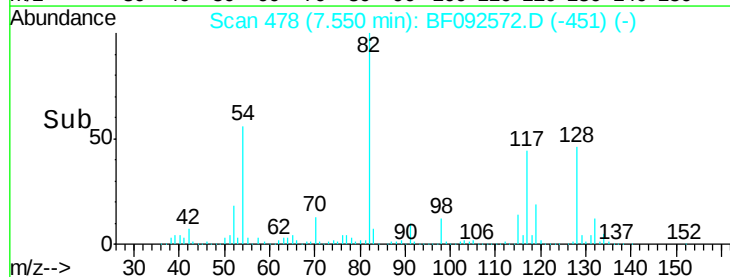
54 55.5 39.5 59.3

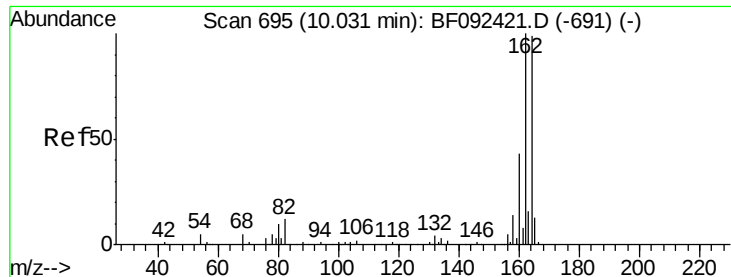


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

Instrument :

BNA_F

ClientSampleId :

W-01

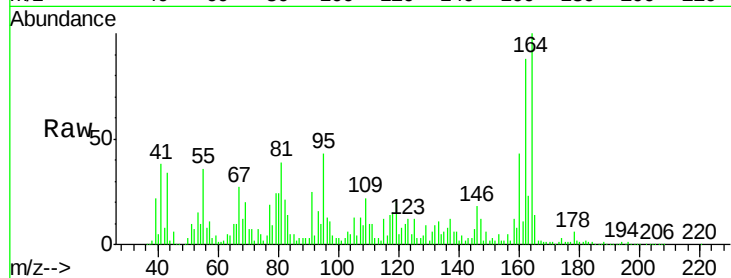
Tot Ion:164 Resp: 394524

Ion Ratio Lower Upper

164 100

162 88.1 80.2 120.2

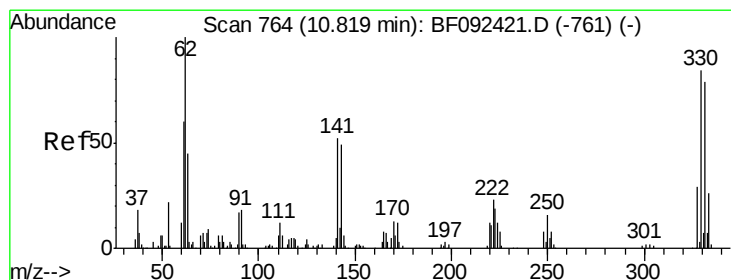
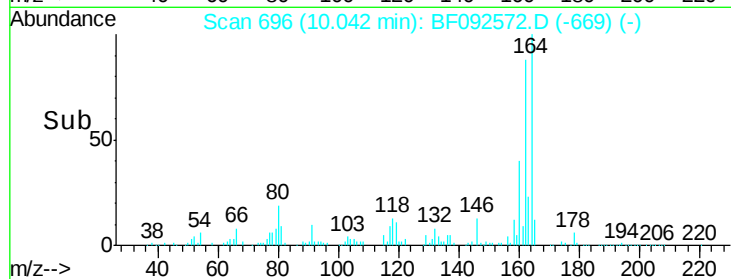
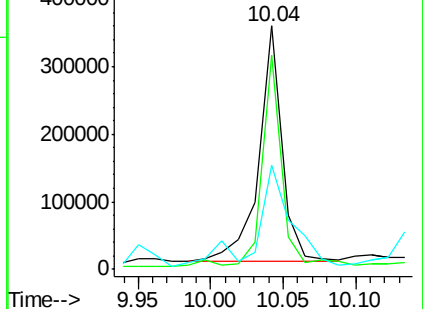
160 42.9 36.9 55.3



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: 94.82 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.05 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

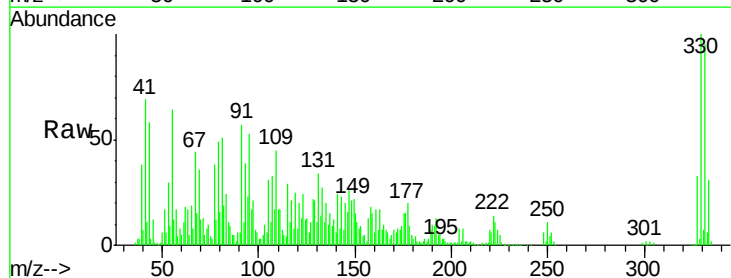
Tgt Ion:330 Resp: 254921

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.2

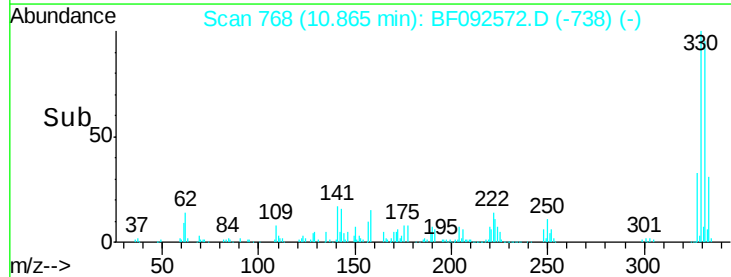
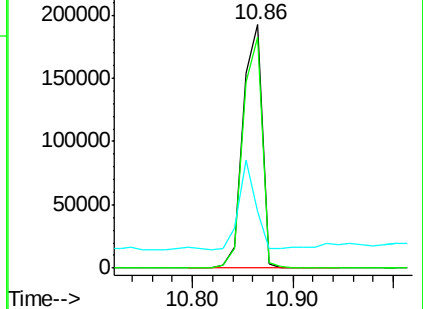
141 32.3 34.1 51.1#

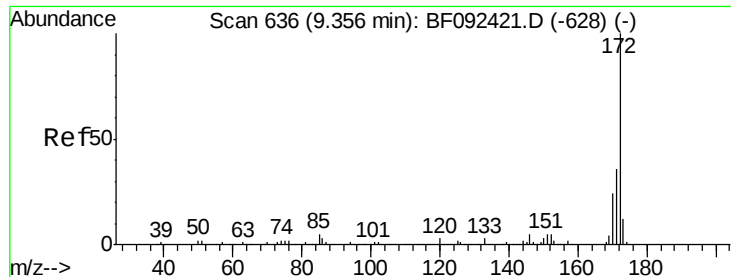


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 66.09 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

Instrument :

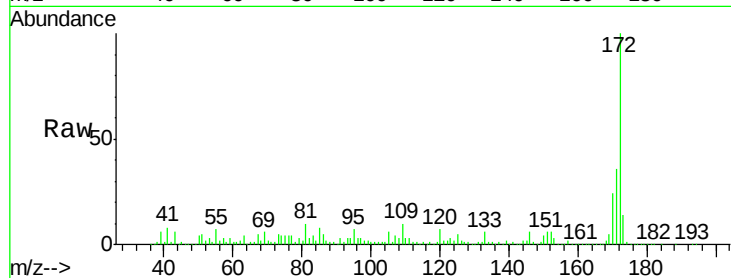
BNA_F

ClientSampleId :

W-01

Tot Ion:172 Resp: 1410062

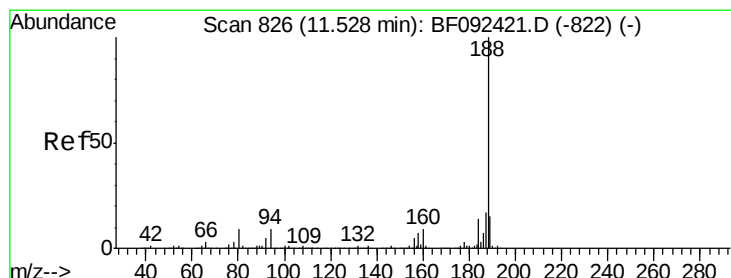
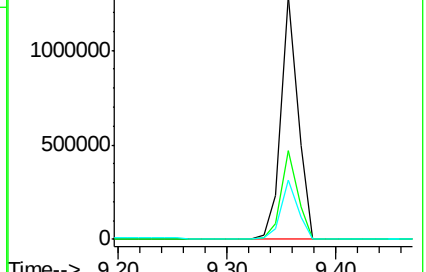
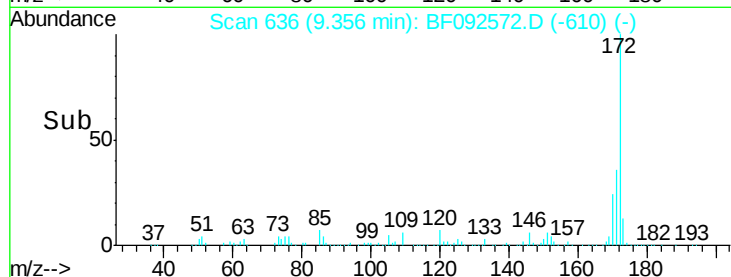
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.2	30.4



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: 11.55 min Scan# 828

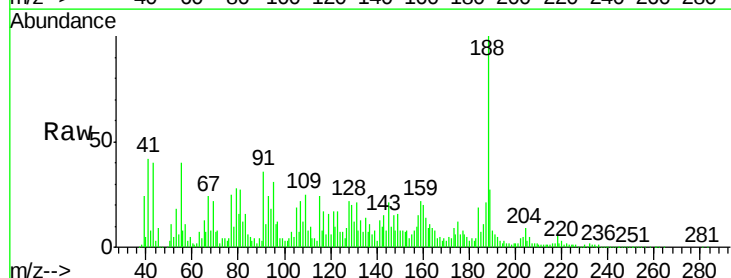
Delta R.T. 0.02 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

Tgt Ion:188 Resp: 315257

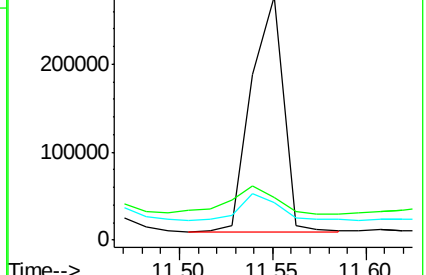
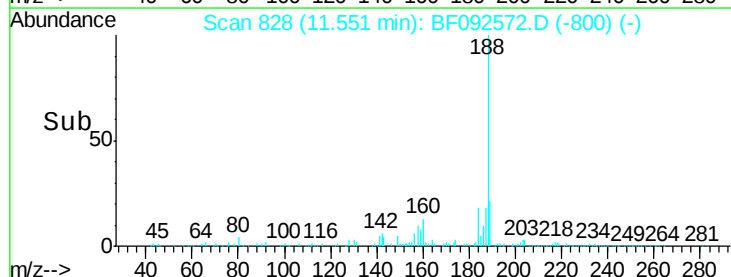
Ion	Ratio	Lower	Upper
188	100		
94	17.7	10.0	15.0#
80	15.5	11.2	16.8

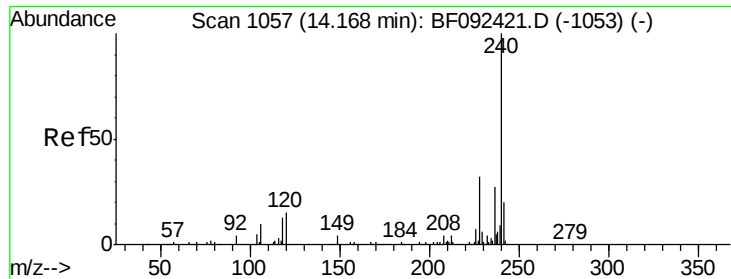


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 1059

Delta R.T. 0.02 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

Instrument :

BNA_F

ClientSampled :

W-01

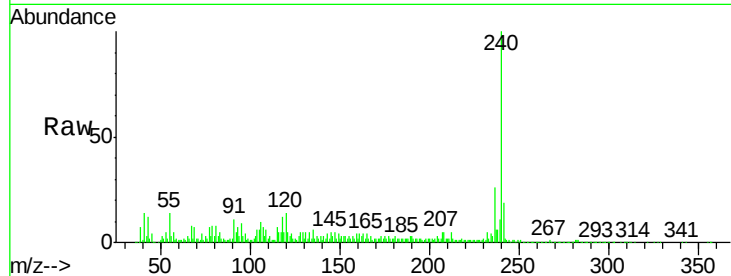
Tot Ion:240 Resp: 320710

Ion Ratio Lower Upper

240 100

120 13.7 12.9 19.3

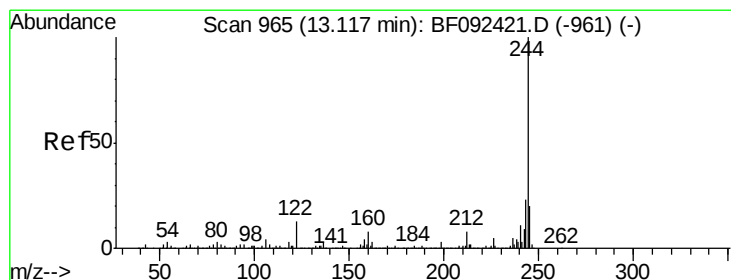
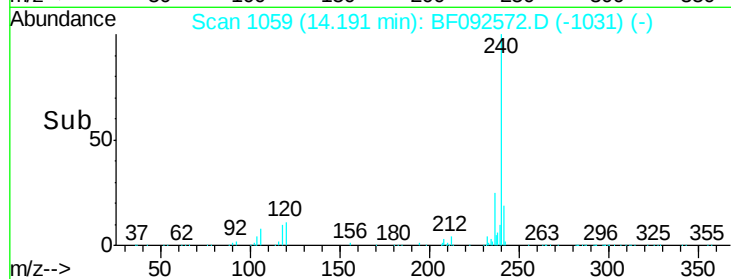
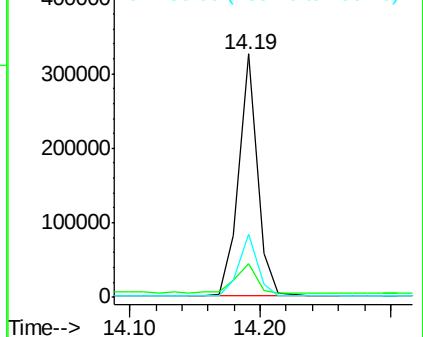
236 26.2 20.9 31.3



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: 87.30 ng

RT: 13.14 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF092572.D

Acq: 27 Jan 2017 12:54

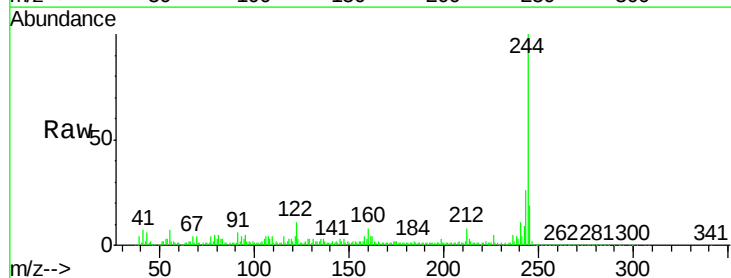
Tgt Ion:244 Resp: 1051473

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

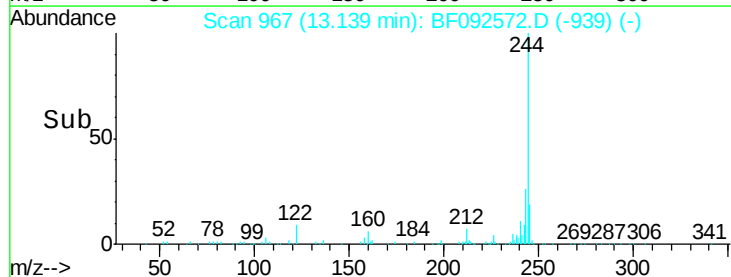
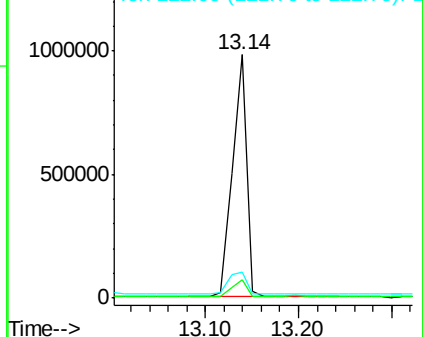
122 10.8 11.4 17.2#

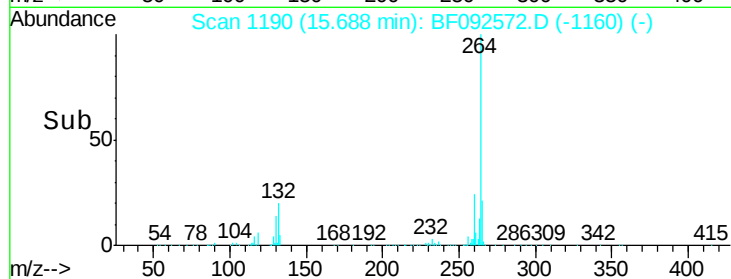
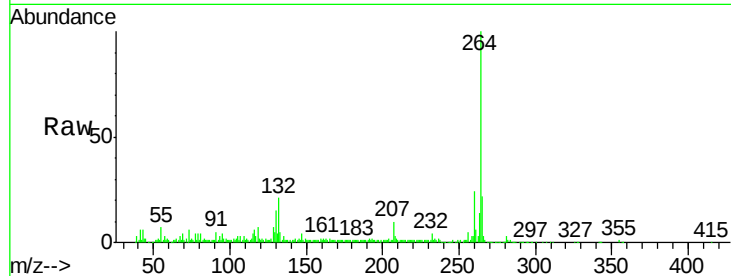
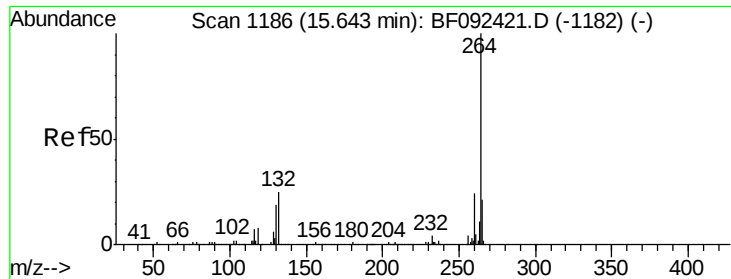


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1190
 Delta R.T. 0.05 min
 Lab File: BF092572.D
 Acq: 27 Jan 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Tot Ion:	264	Resp:	327811
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.4	26.0

