

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092571.D
 Acq On : 27 Jan 2017 12:27
 Operator : SJ/MA
 Sample : I1353-07
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: Jan 27 16:00:49 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	153613	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	577227	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	387812	20.00	ng	0.01
63) Phenanthrene-d10	11.54	188	313752	20.00	ng	0.01
75) Chrysene-d12	14.18	240	317532	20.00	ng	0.01
86) Perylene-d12	15.68	264	331997	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	671190	67.98	ng	0.03
7) Phenol-d6	6.62	99	572808	45.55	ng	0.03
23) Nitrobenzene-d5	7.55	82	1059501	100.26	ng	0.01
41) 2,4,6-Tribromophenol	10.85	330	235191	88.99	ng	0.03
44) 2-Fluorobiphenyl	9.36	172	1430015	68.19	ng	0.00
78) Terphenyl-d14	13.13	244	960701	80.57	ng	0.01

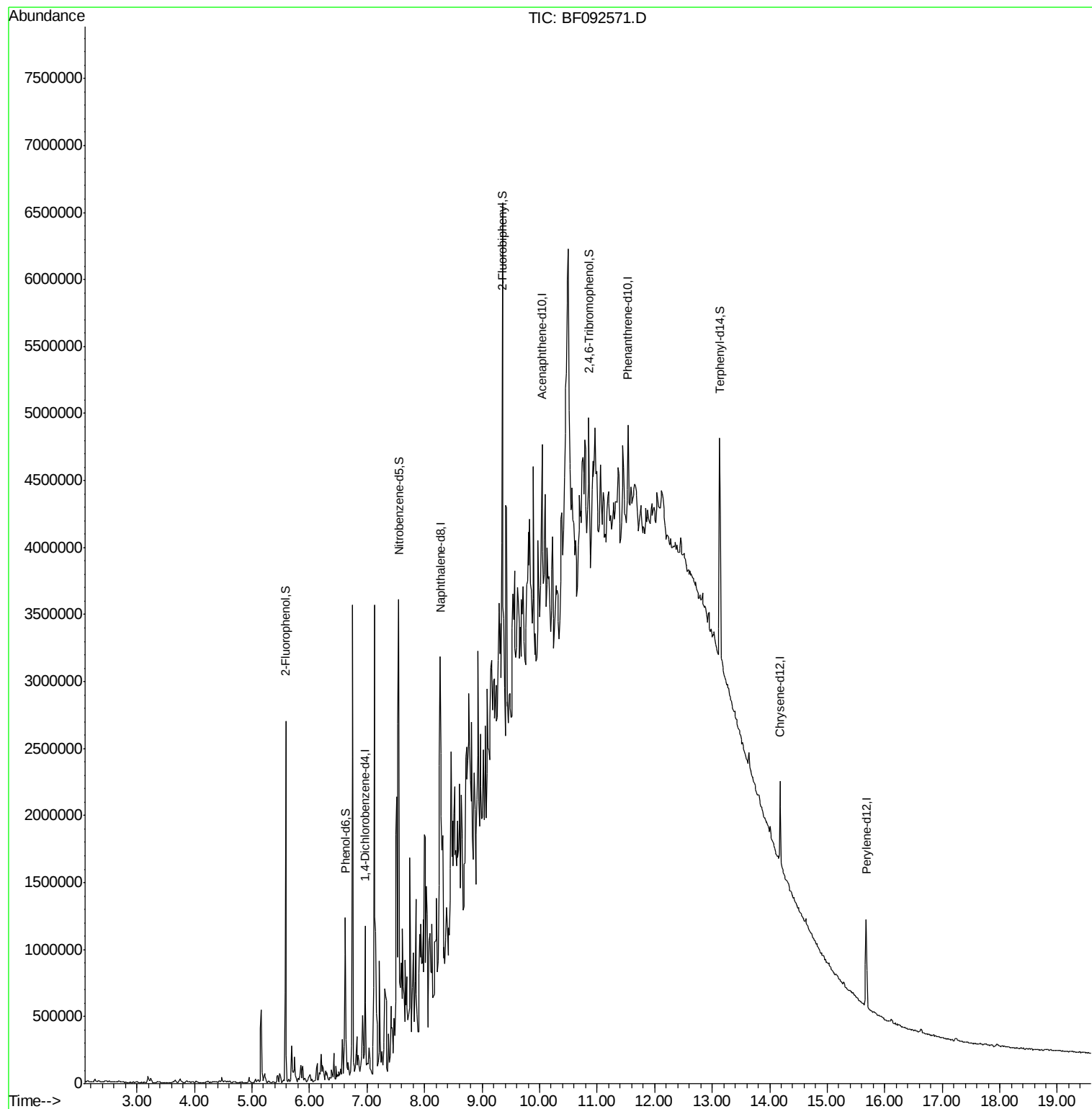
Target Compounds Qvalue

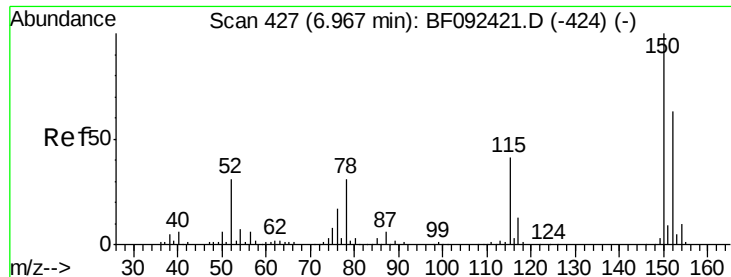
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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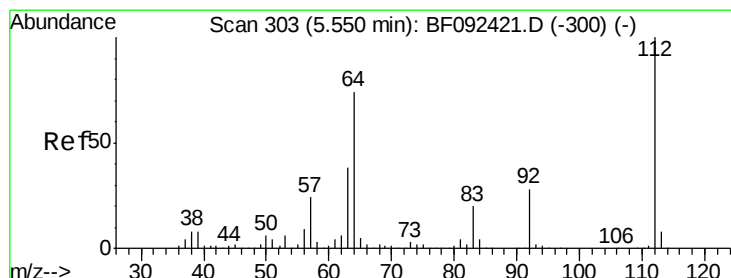
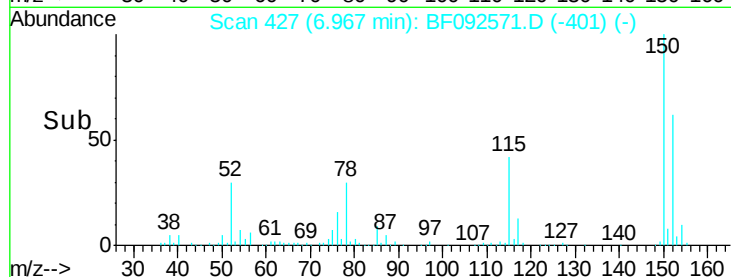
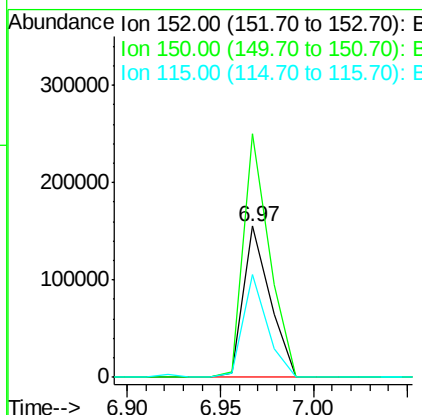
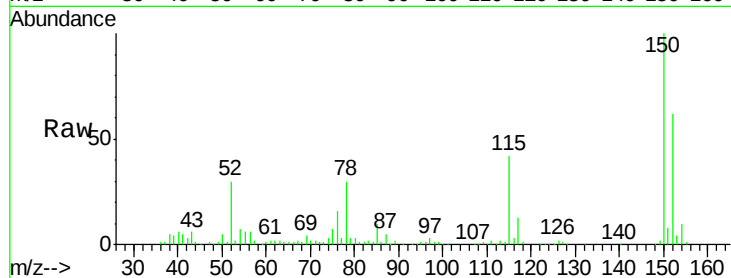


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092571.D
Acq: 27 Jan 2017 12:27

Instrument :
BNA_F
ClientSampleId :
W-02

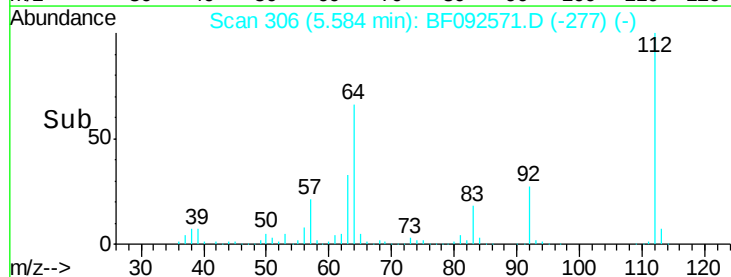
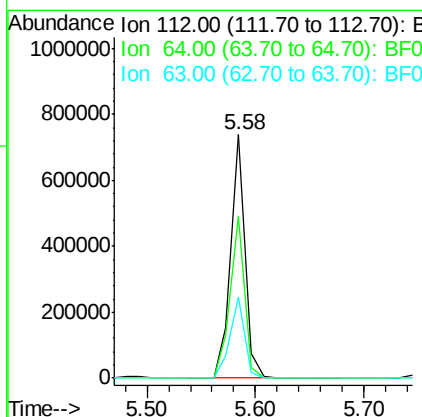
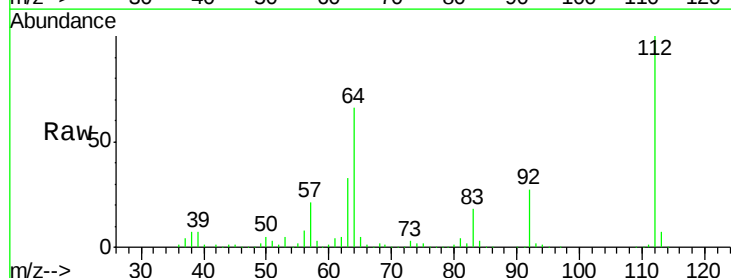
Tot Ion:152 Resp: 153613
Ion Ratio Lower Upper
152 100
150 161.2 124.9 187.3
115 68.1 46.0 69.0

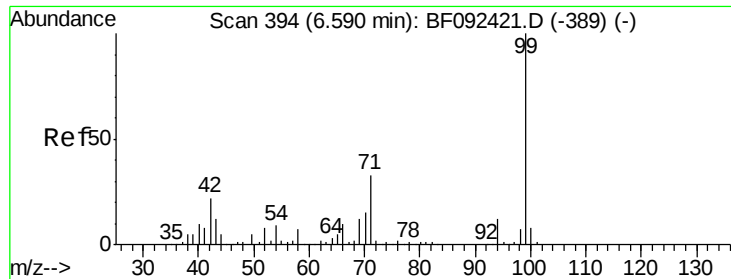


#5

2-Fluorophenol
Concen: 67.98 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.03 min
Lab File: BF092571.D
Acq: 27 Jan 2017 12:27

Tgt Ion:112 Resp: 671190
Ion Ratio Lower Upper
112 100
64 66.2 46.1 69.1
63 33.4 23.8 35.6





#7

Phenol-d6

Concen: 45.55 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092571.D

Acq: 27 Jan 2017 12:27

Instrument :

BNA_F

ClientSampleId :

W-02

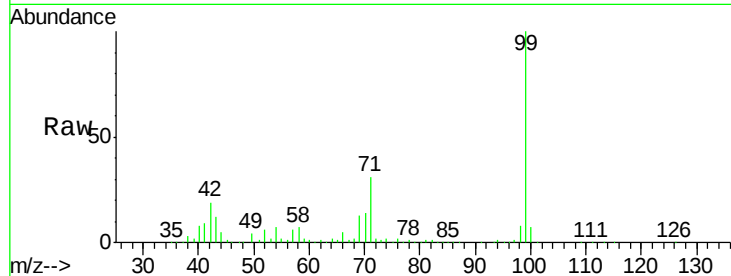
Tot Ion: 99 Resp: 572808

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

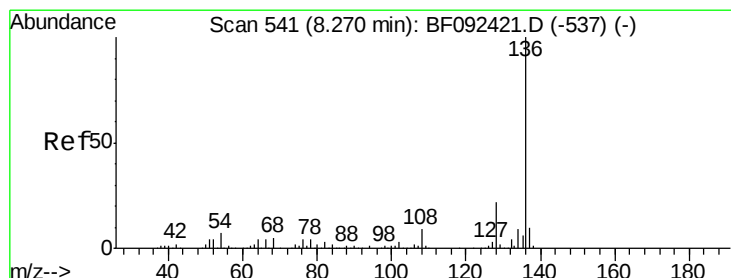
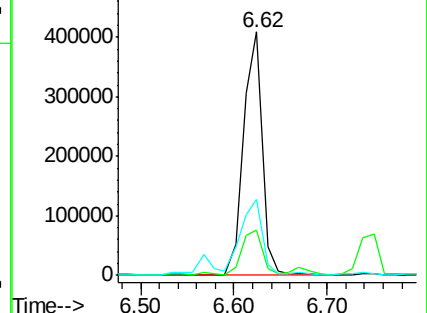
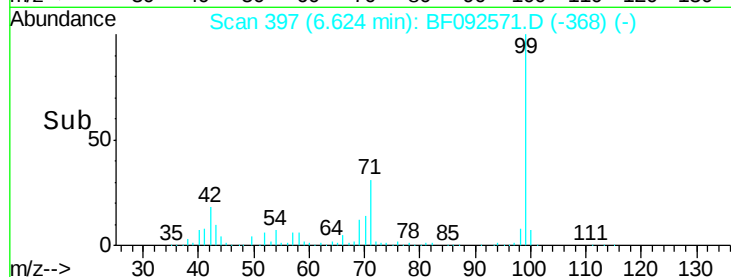
71 31.3 27.5 41.3



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: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092571.D

Acq: 27 Jan 2017 12:27

Tgt Ion: 136 Resp: 577227

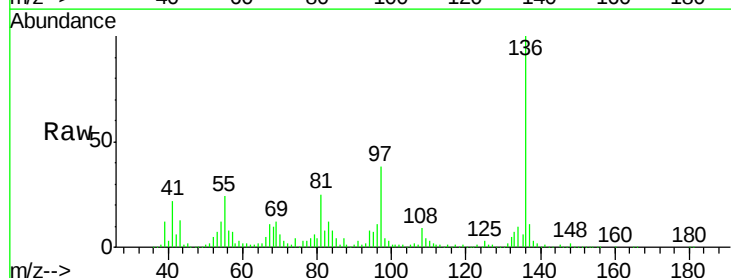
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 12.4 4.5 6.7#

68 10.1 3.6 5.4#

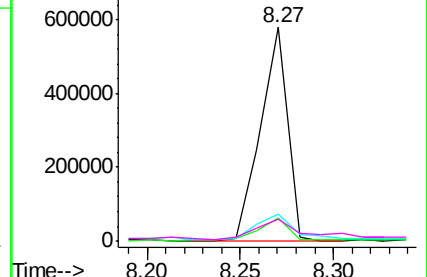
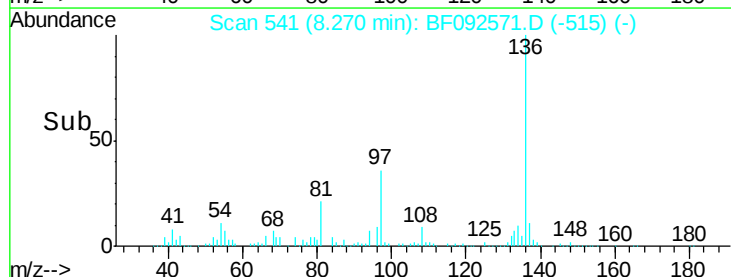


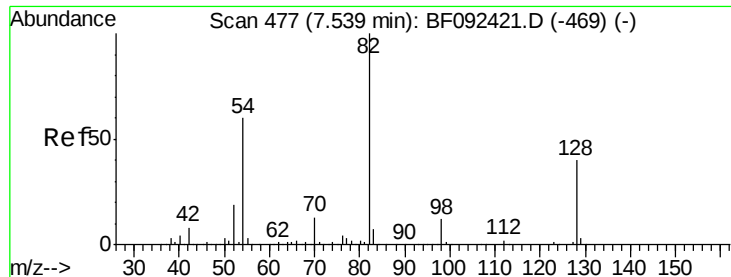
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.26 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092571.D

Acq: 27 Jan 2017 12:27

Instrument :

BNA_F

ClientSampleId :

W-02

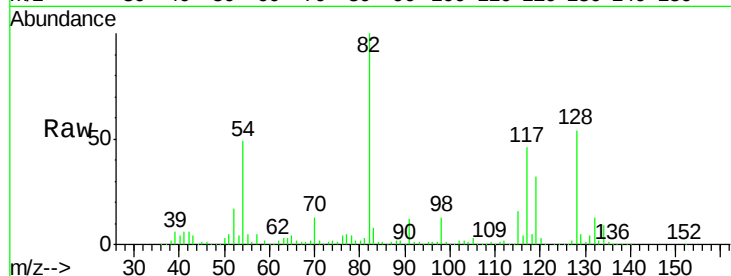
Tot Ion: 82 Resp: 1059501

Ion Ratio Lower Upper

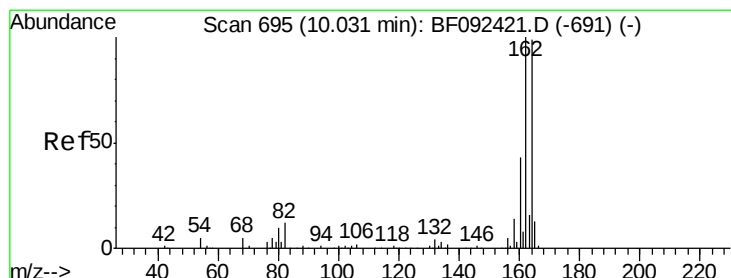
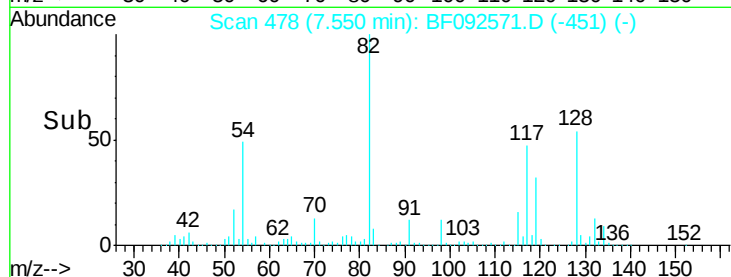
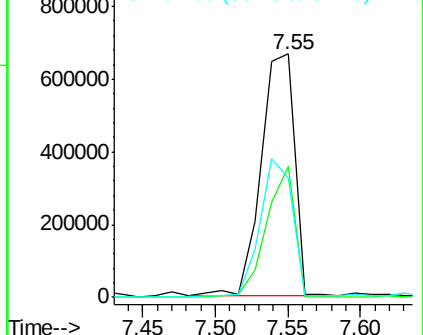
82 100

128 53.6 34.6 52.0#

54 49.2 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: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092571.D

Acq: 27 Jan 2017 12:27

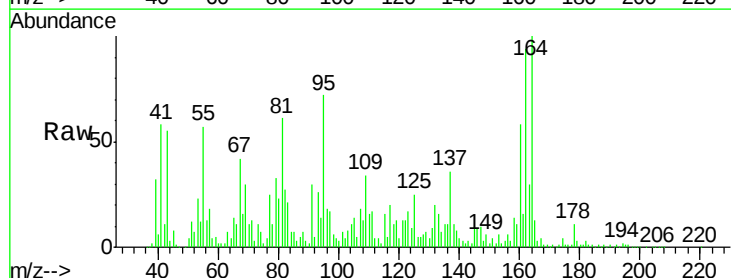
Tgt Ion:164 Resp: 387812

Ion Ratio Lower Upper

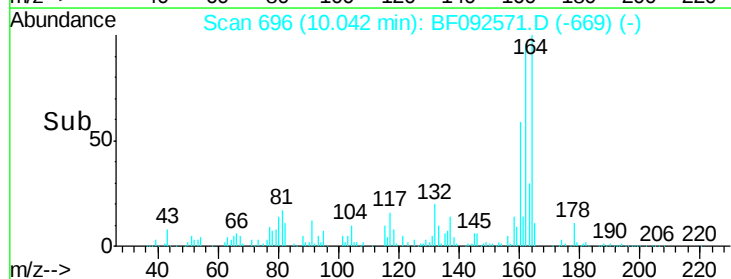
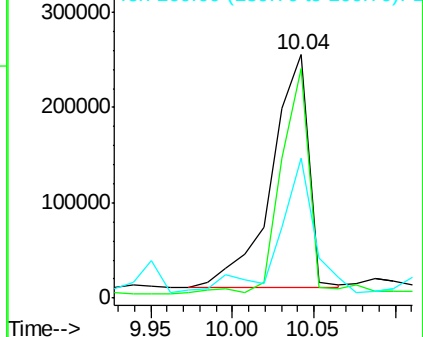
164 100

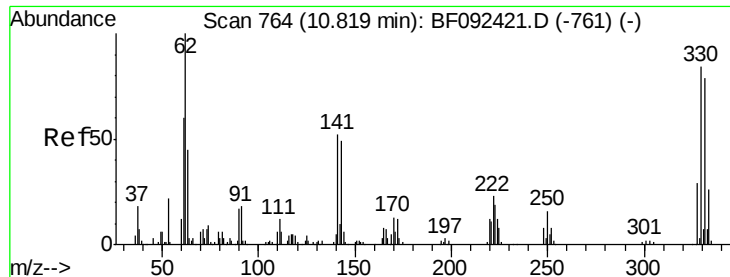
162 94.1 80.2 120.2

160 57.7 36.9 55.3#



Abundance Ion 164.00 (163.70 to 164.70): BF0
Ion 162.00 (161.70 to 162.70): BF0
Ion 160.00 (159.70 to 160.70): BF0

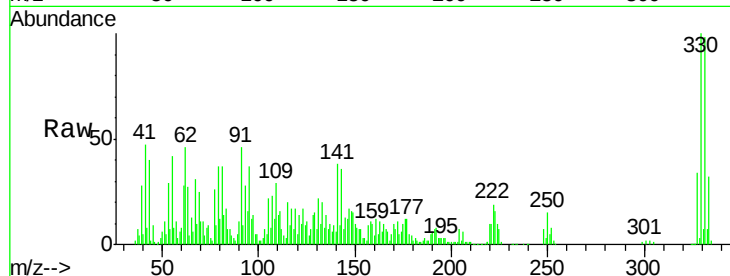




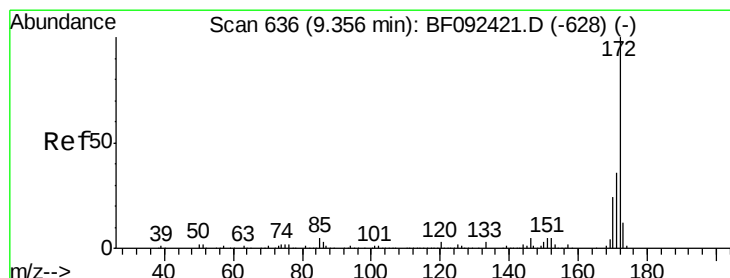
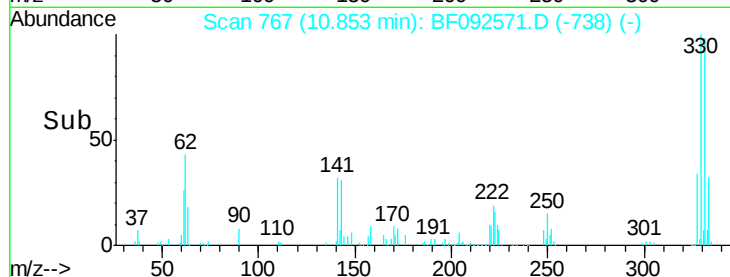
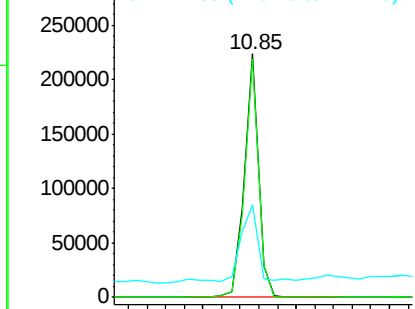
#41
 2,4,6-Tribromophenol
 Concen: 88.99 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.03 min
 Lab File: BF092571.D
 Acq: 27 Jan 2017 12:27

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion:330 Resp: 235191
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 36.2 34.1 51.1

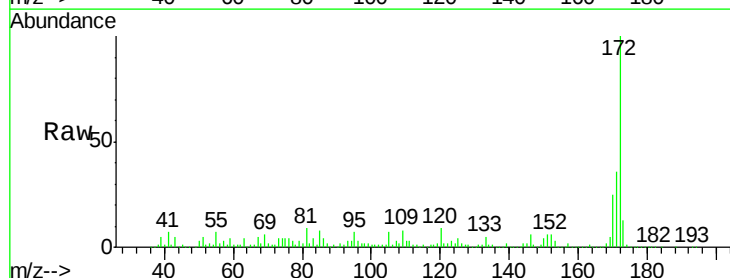


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

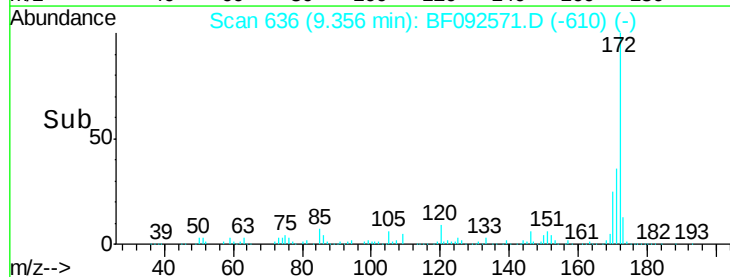
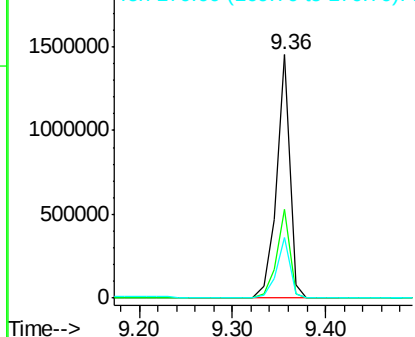


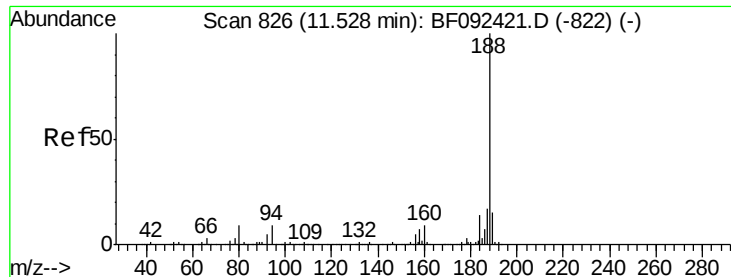
#44
 2-Fluorobiphenyl
 Concen: 68.19 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092571.D
 Acq: 27 Jan 2017 12:27

Tgt Ion:172 Resp: 1430015
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.7 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

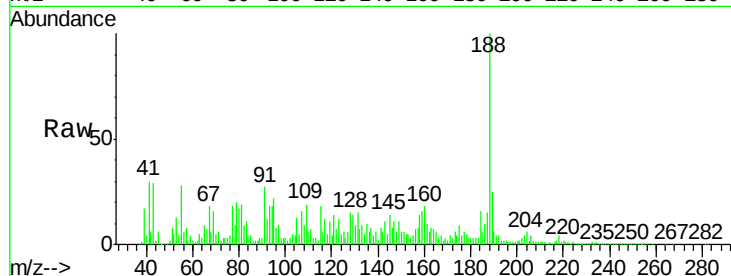




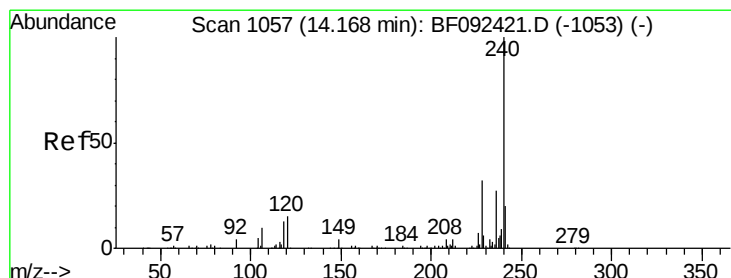
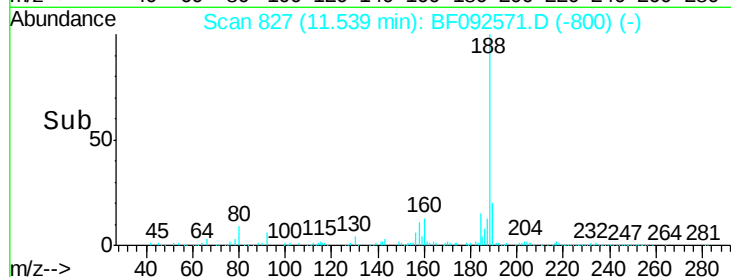
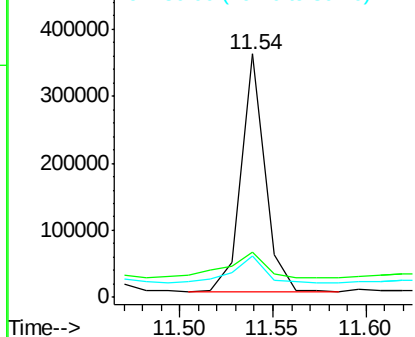
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF092571.D
Acq: 27 Jan 2017 12:27

Instrument :
BNA_F
ClientSampleId :
W-02

Tot Ion:188 Resp: 313752
Ion Ratio Lower Upper
188 100
94 18.3 10.0 15.0#
80 17.1 11.2 16.8#

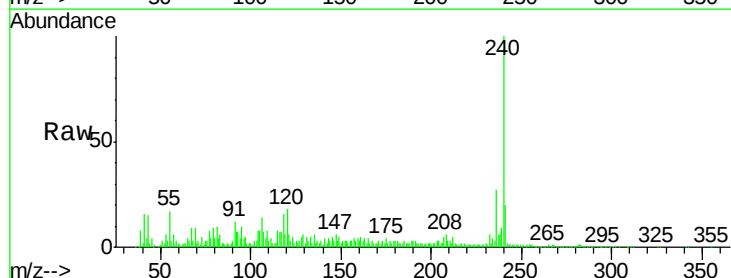


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

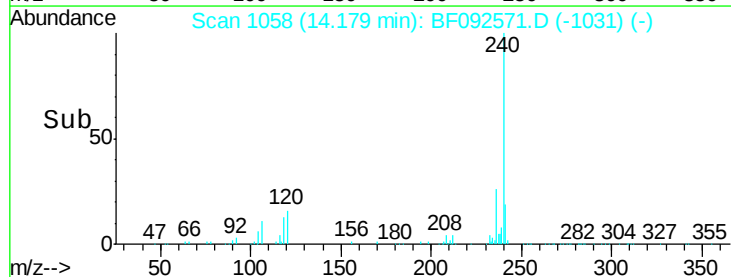
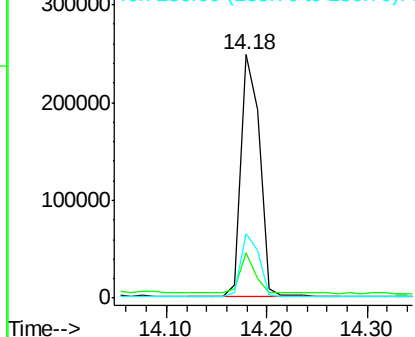


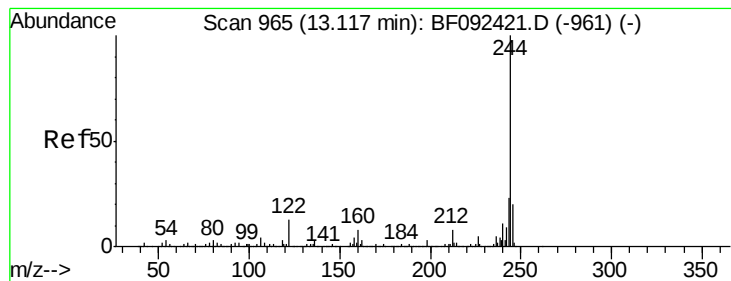
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF092571.D
Acq: 27 Jan 2017 12:27

Tgt Ion:240 Resp: 317532
Ion Ratio Lower Upper
240 100
120 18.4 12.9 19.3
236 26.7 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: 80.57 ng

RT: 13.13 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF092571.D

Acq: 27 Jan 2017 12:27

Instrument :

BNA_F

ClientSampleId :

W-02

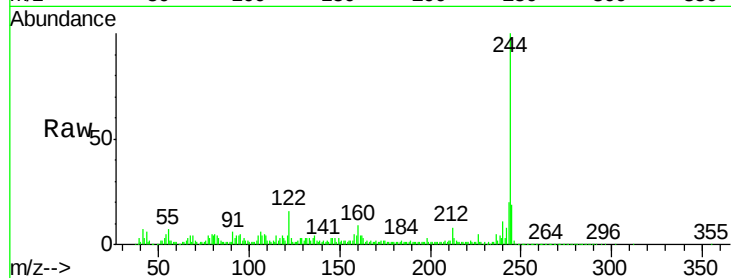
Tot Ion:244 Resp: 960701

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

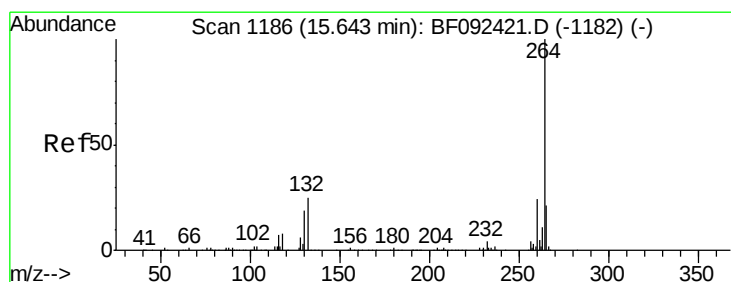
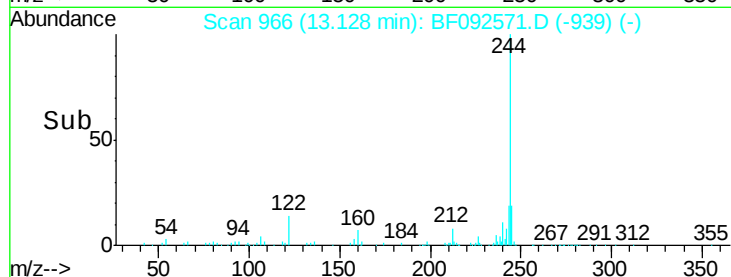
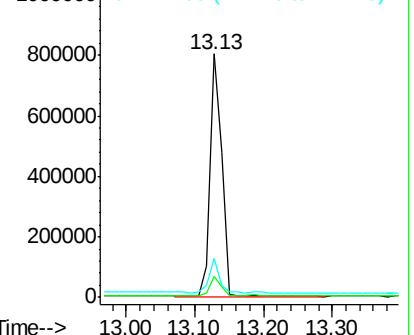
122 15.8 11.4 17.2



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: 15.68 min Scan# 1189

Delta R.T. 0.03 min

Lab File: BF092571.D

Acq: 27 Jan 2017 12:27

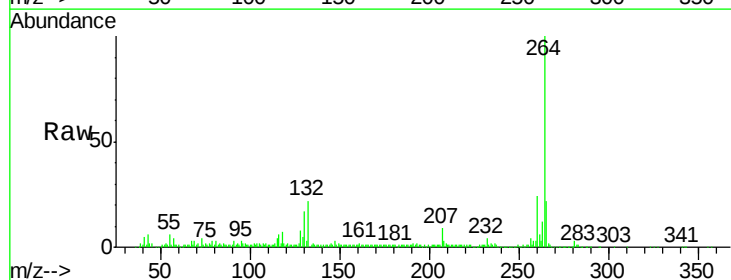
Tgt Ion:264 Resp: 331997

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.2 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

