

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091697.D
 Acq On : 17 Dec 2016 2:31
 Operator : UM/SJ
 Sample : H5940-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Quant Time: Dec 17 04:46:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

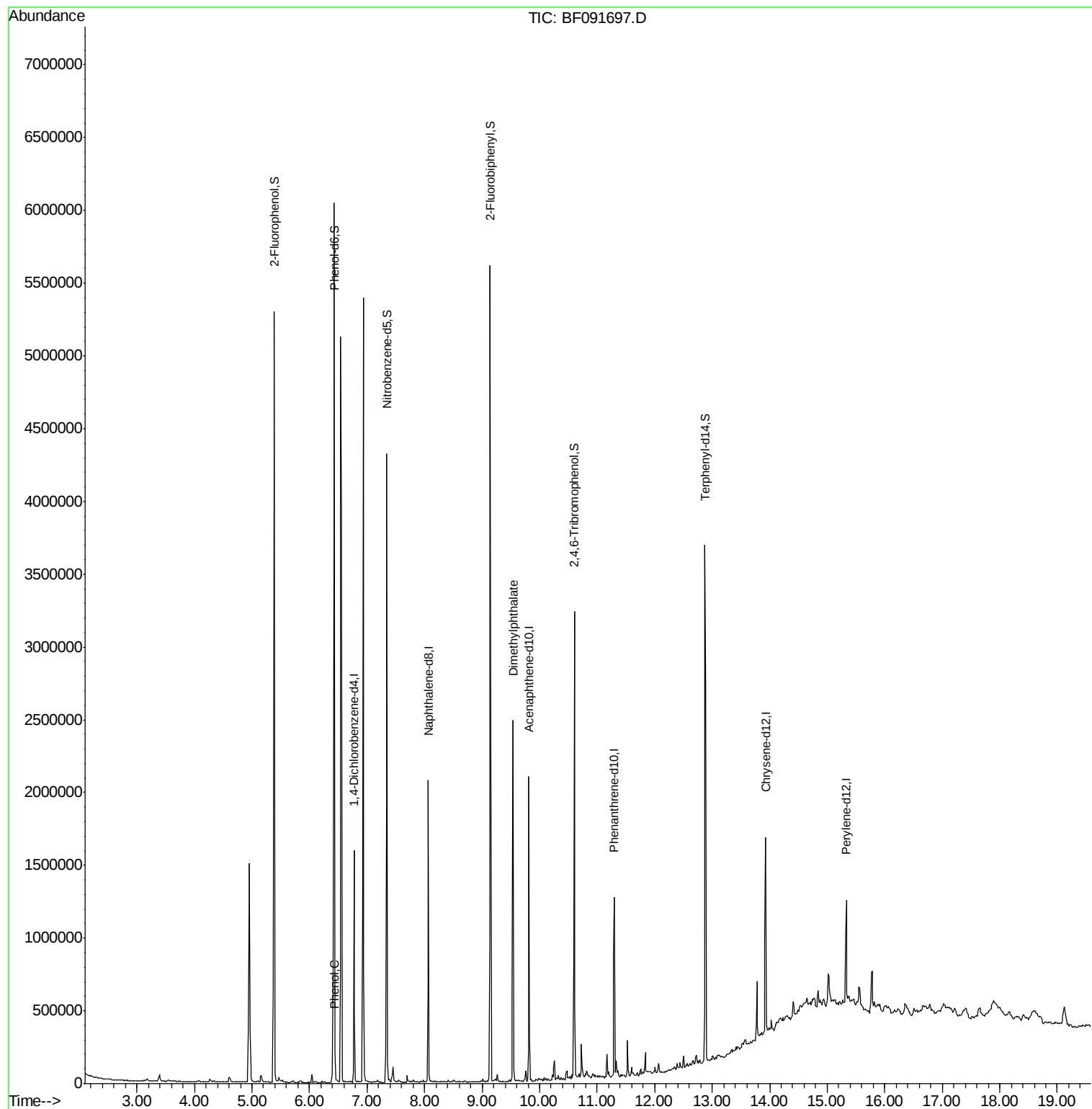
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	235013	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	966793	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418210	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	585516	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	512642	20.00	ng	-0.01
86) Perylene-d12	15.33	264	378672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1979776	141.92	ng	0.01
7) Phenol-d6	6.43	99	2526424	145.28	ng	0.00
23) Nitrobenzene-d5	7.34	82	1592102	91.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	355901	102.46	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2085575	86.17	ng	-0.01
78) Terphenyl-d14	12.88	244	1545354	68.40	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	44633	2.20	ng	Qvalue # 72
49) Dimethylphthalate	9.54	163	955321	36.08	ng	100

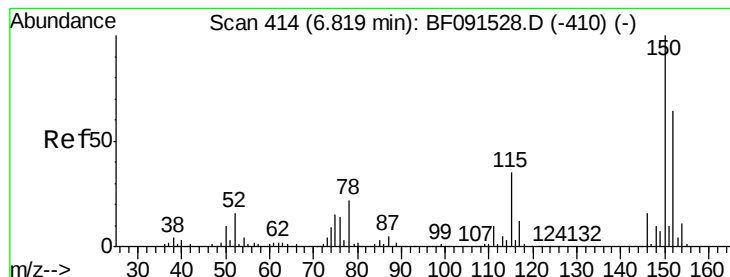
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

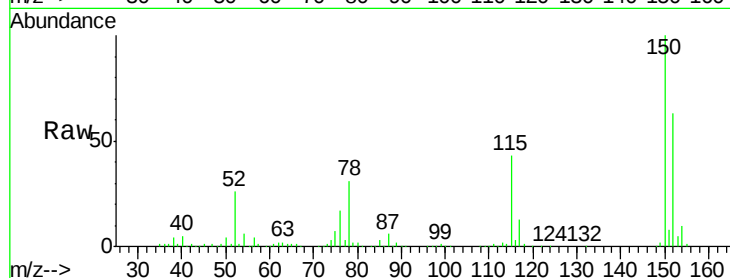
Tot Ion:152 Resp: 235013

Ion Ratio Lower Upper

152 100

150 158.1 122.5 183.7

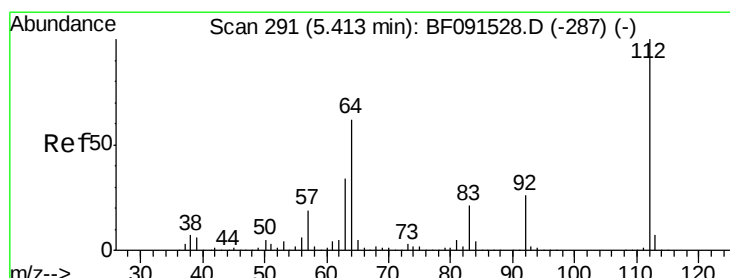
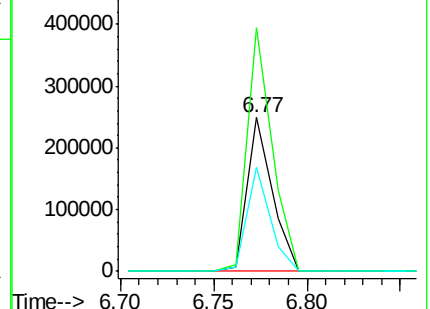
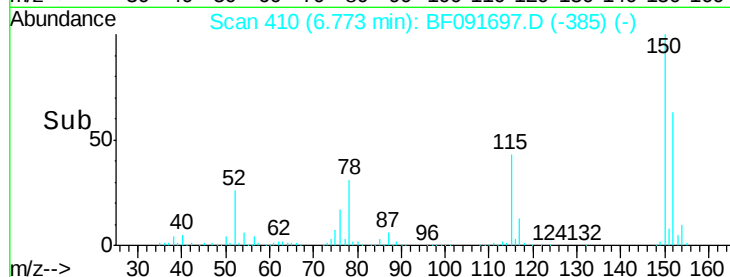
115 67.8 51.8 77.8



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: 141.92 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

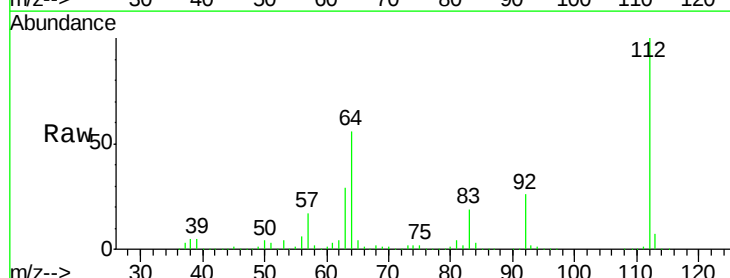
Tgt Ion:112 Resp: 1979776

Ion Ratio Lower Upper

112 100

64 56.1 61.5 92.3#

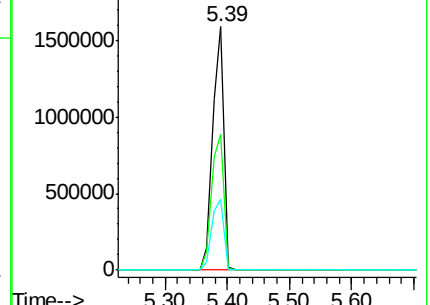
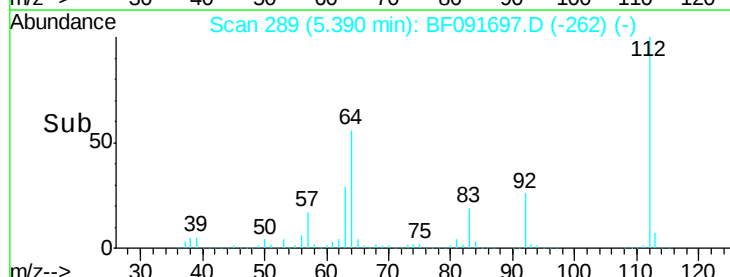
63 29.2 33.3 49.9#



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: 145.28 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

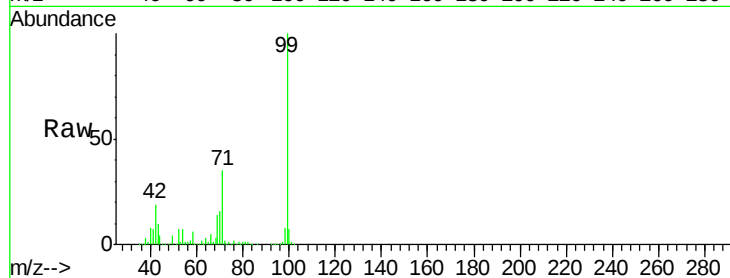
Tot Ion: 99 Resp: 2526424

Ion Ratio Lower Upper

99 100

42 19.2 20.6 31.0#

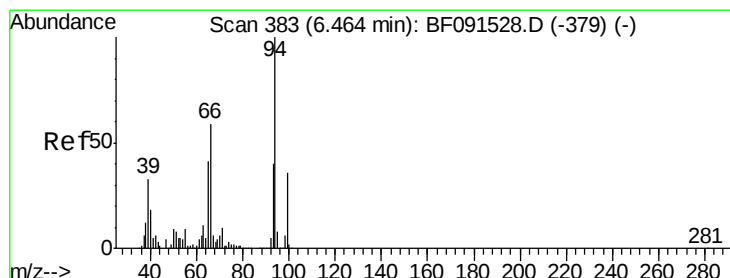
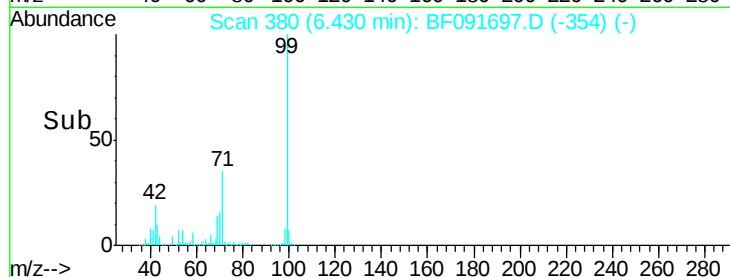
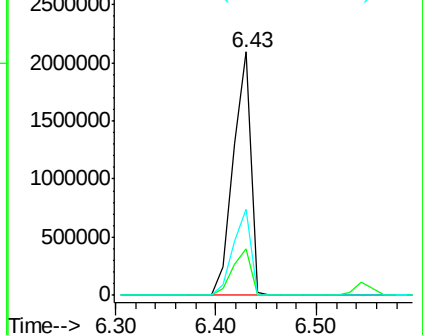
71 35.3 29.9 44.9



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: 2.20 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

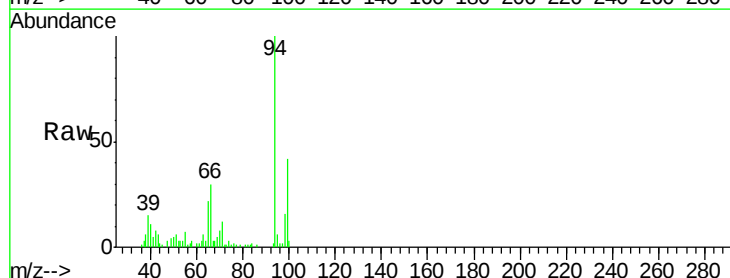
Tgt Ion: 94 Resp: 44633

Ion Ratio Lower Upper

94 100

65 21.7 16.9 56.9

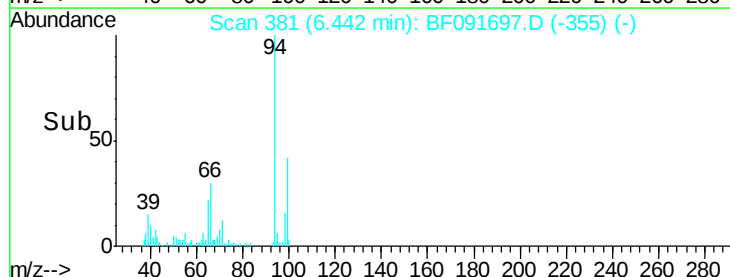
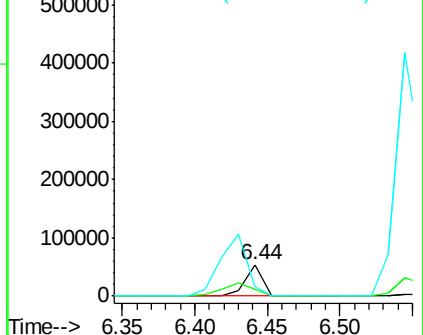
66 30.1 30.6 70.6#

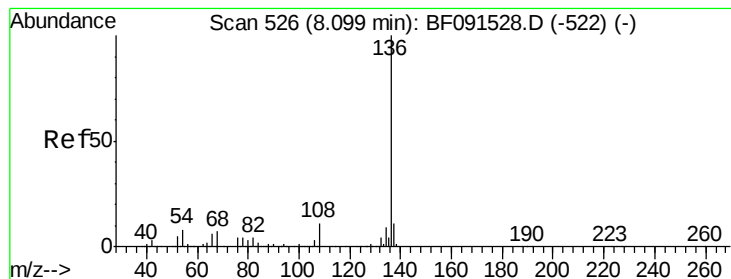


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

Tot Ion:136 Resp: 966793

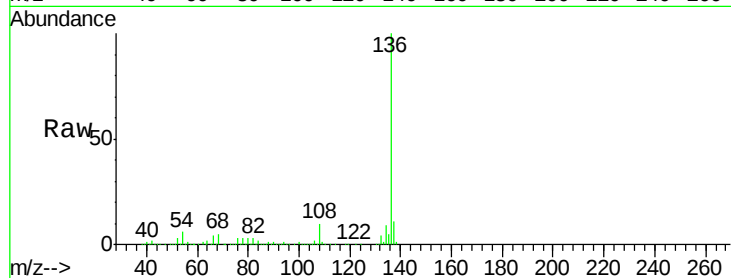
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.5 9.1 13.7#

68 5.4 5.9 8.9#

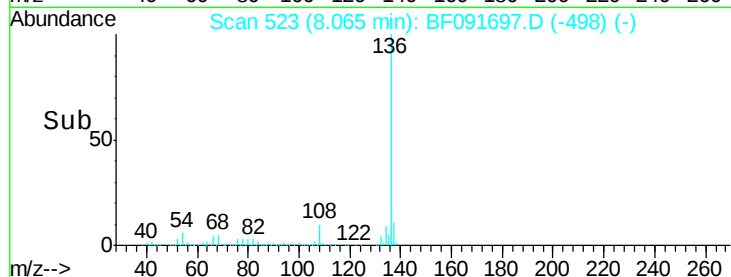


Abundance Ion 136.00 (135.70 to 136.70): E

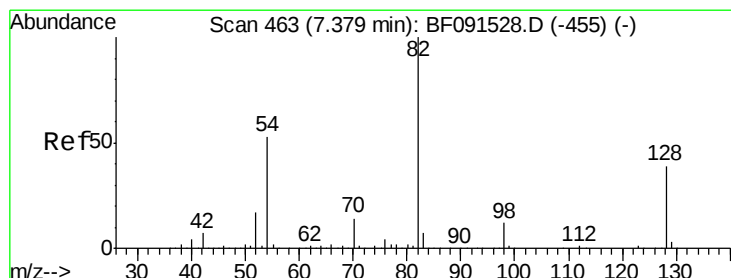
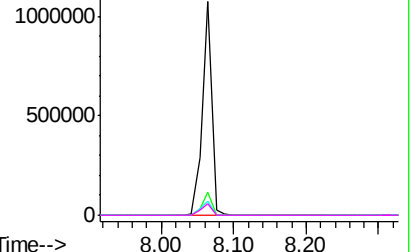
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 91.91 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

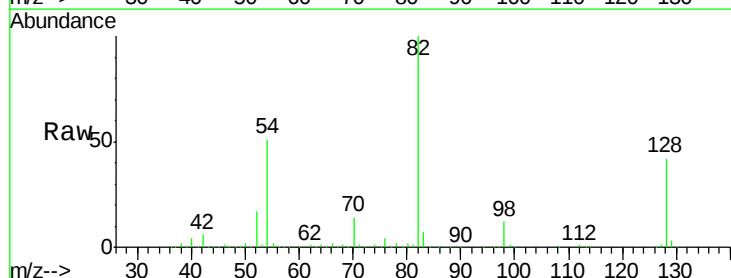
Tgt Ion: 82 Resp: 1592102

Ion Ratio Lower Upper

82 100

128 42.3 31.8 47.6

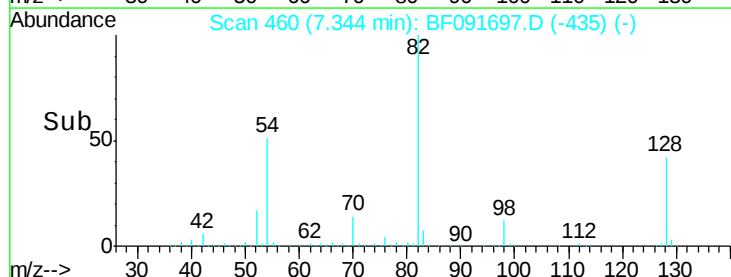
54 50.7 49.1 73.7



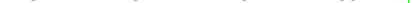
Abundance Ion 82.00 (81.70 to 82.70): BF0

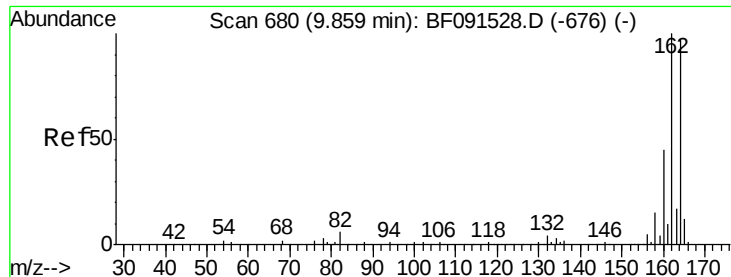
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

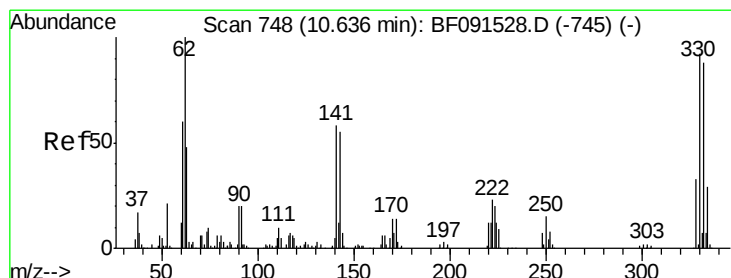
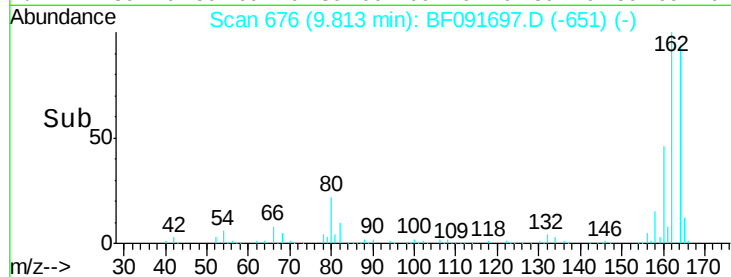
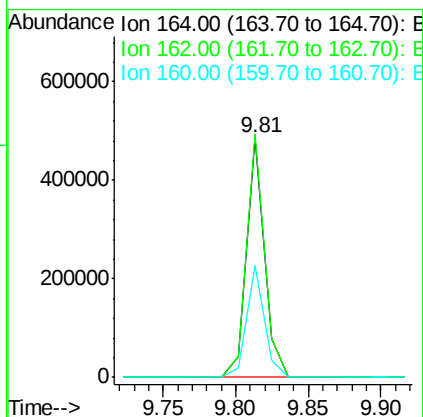
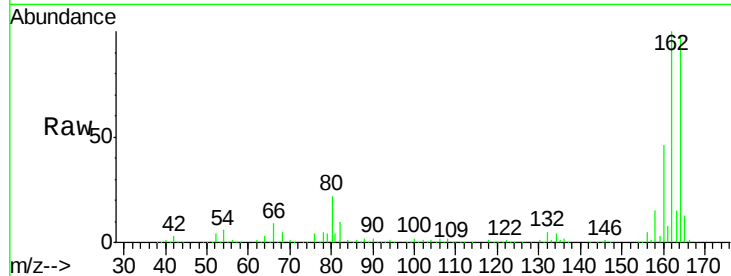




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

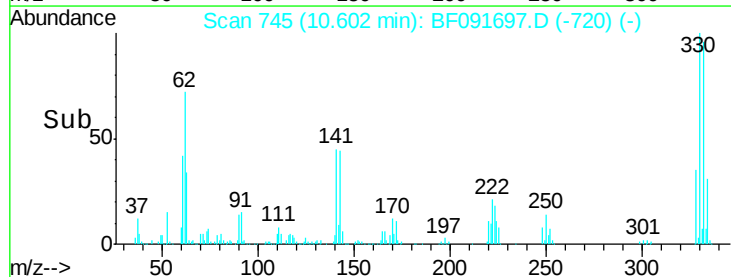
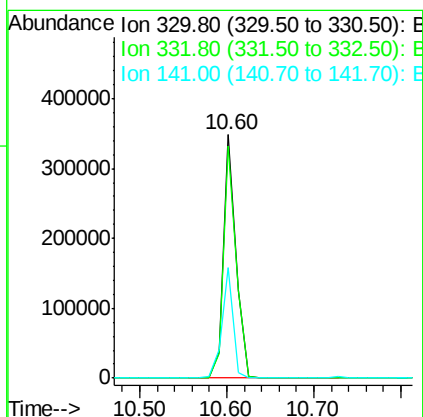
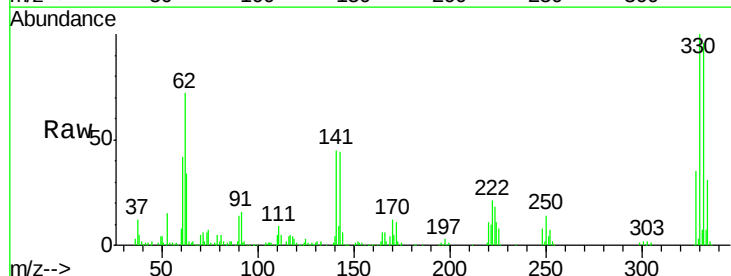
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

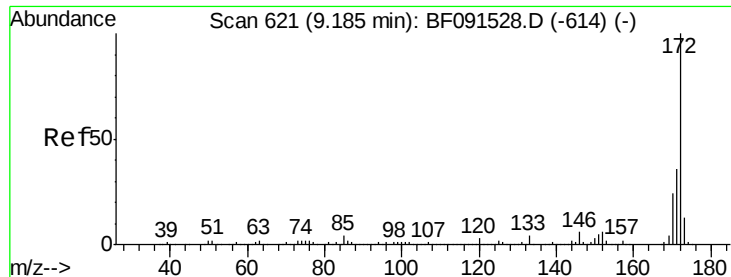
Tot Ion:164 Resp: 418210
Ion Ratio Lower Upper
164 100
162 101.6 82.6 124.0
160 46.5 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 102.46 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:330 Resp: 355901
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 41.0 33.6 50.4

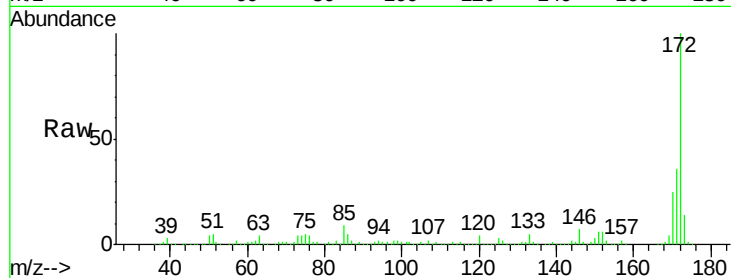




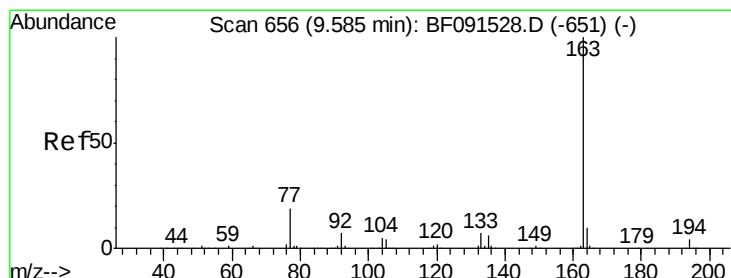
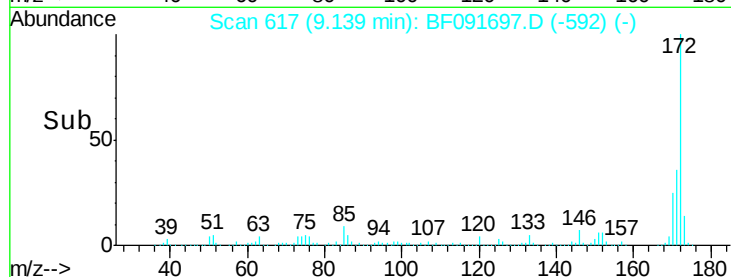
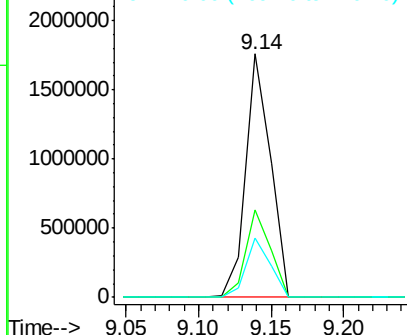
#44
2-Fluorobiphenyl
Concen: 86.17 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tot Ion:172 Resp: 2085575
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.6 19.7 29.5

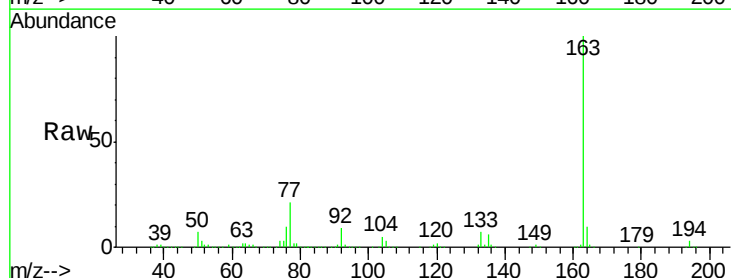


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

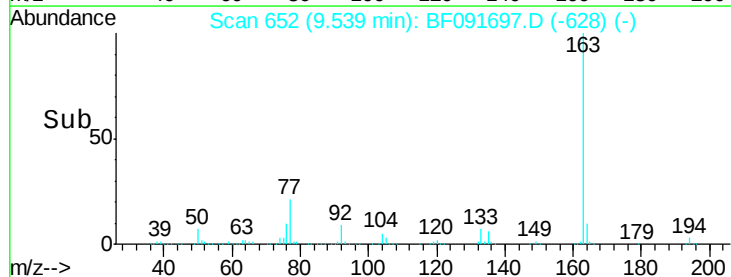
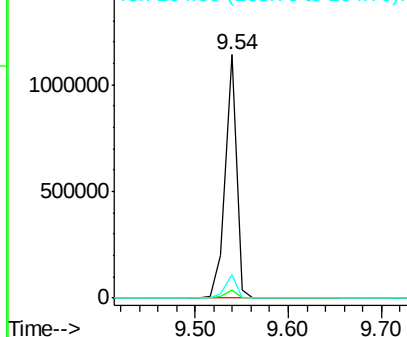


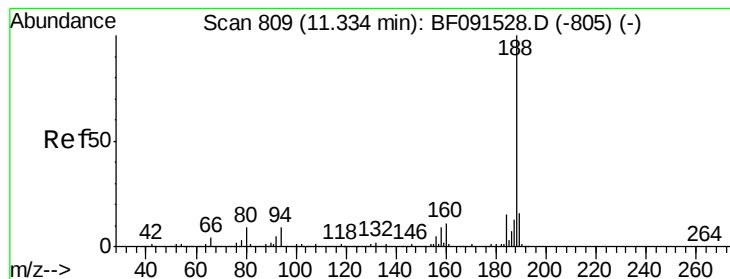
#49
Dimethylphthalate
Concen: 36.08 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:163 Resp: 955321
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

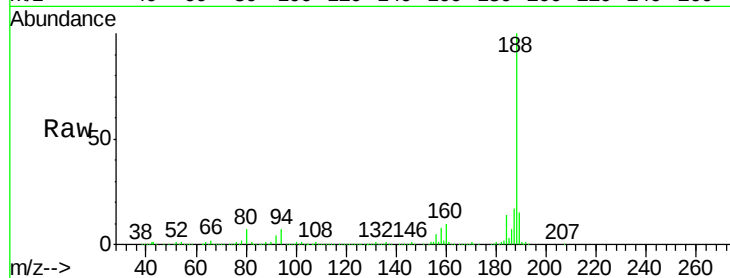
Tot Ion:188 Resp: 585516

Ion Ratio Lower Upper

188 100

94 6.9 9.2 13.8#

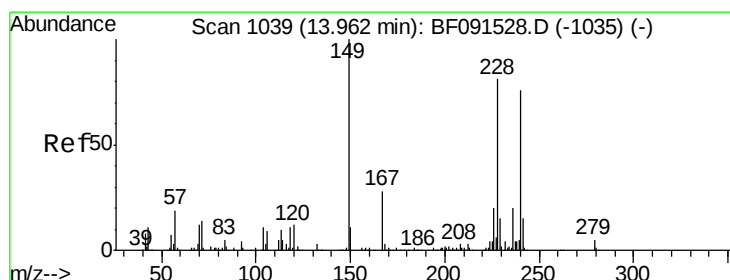
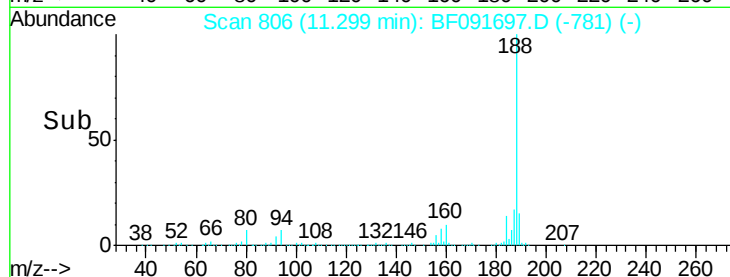
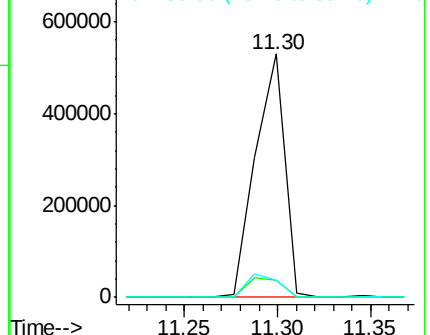
80 7.0 10.5 15.7#



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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

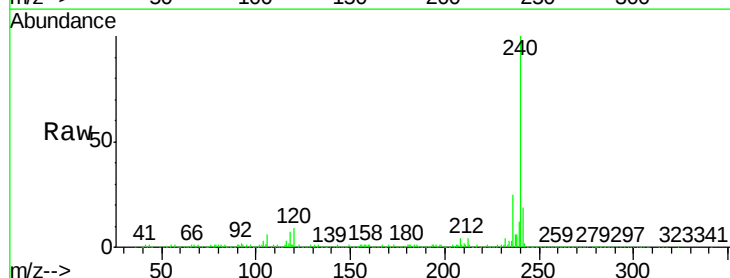
Tgt Ion:240 Resp: 512642

Ion Ratio Lower Upper

240 100

120 8.6 12.1 18.1#

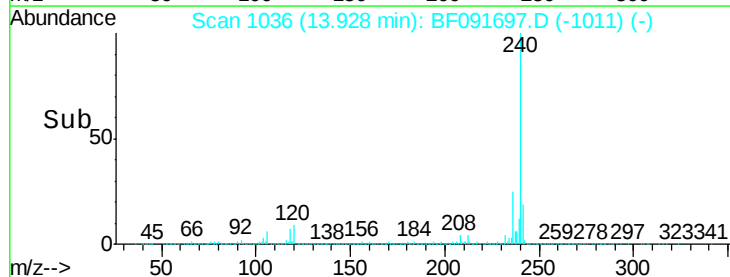
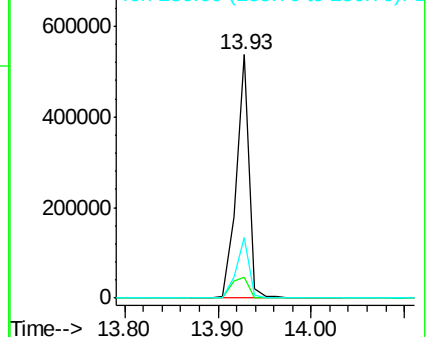
236 25.1 21.0 31.6

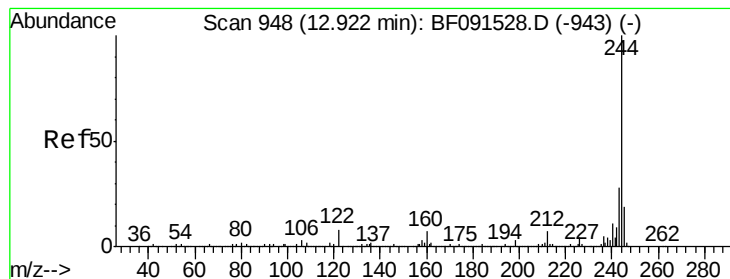


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.40 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

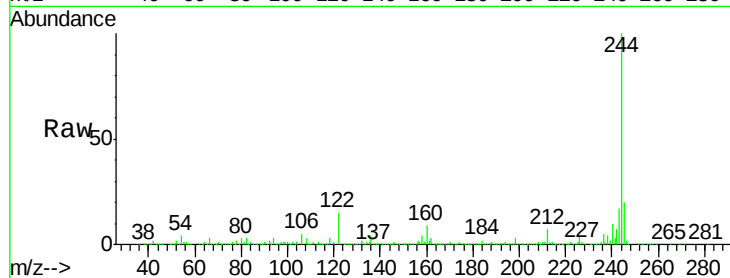
Tot Ion:244 Resp: 1545354

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

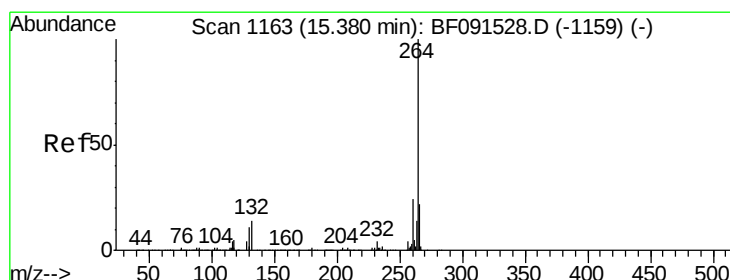
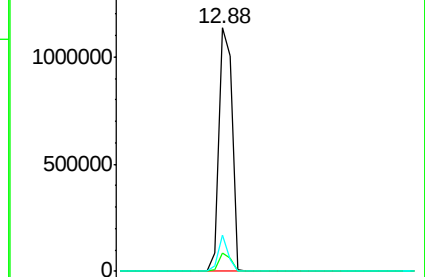
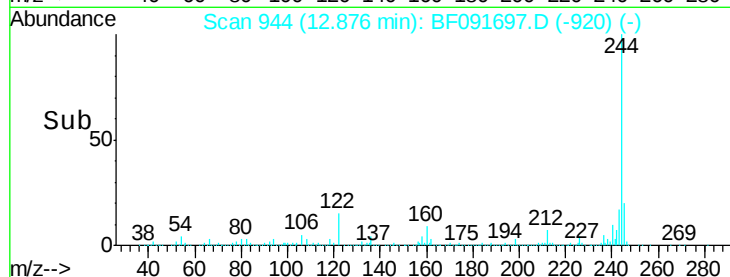
122 14.7 9.5 14.3#



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: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091697.D

Acq: 17 Dec 2016 2:31

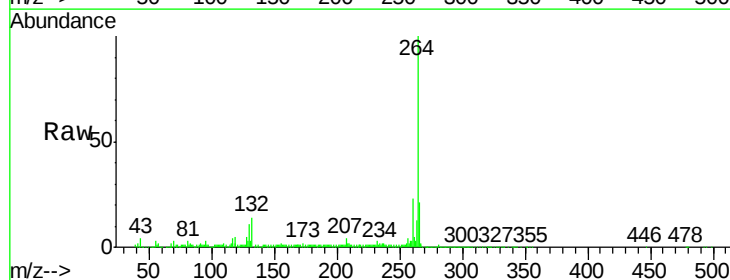
Tgt Ion:264 Resp: 378672

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.0 17.0 25.6



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

