

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076967.D
 Acq On : 20 Jan 2015 17:54
 Operator : IZ / TP
 Sample : G1109-01
 Misc : W
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 00:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 00:34:31 2015
 Response via : Initial Calibration

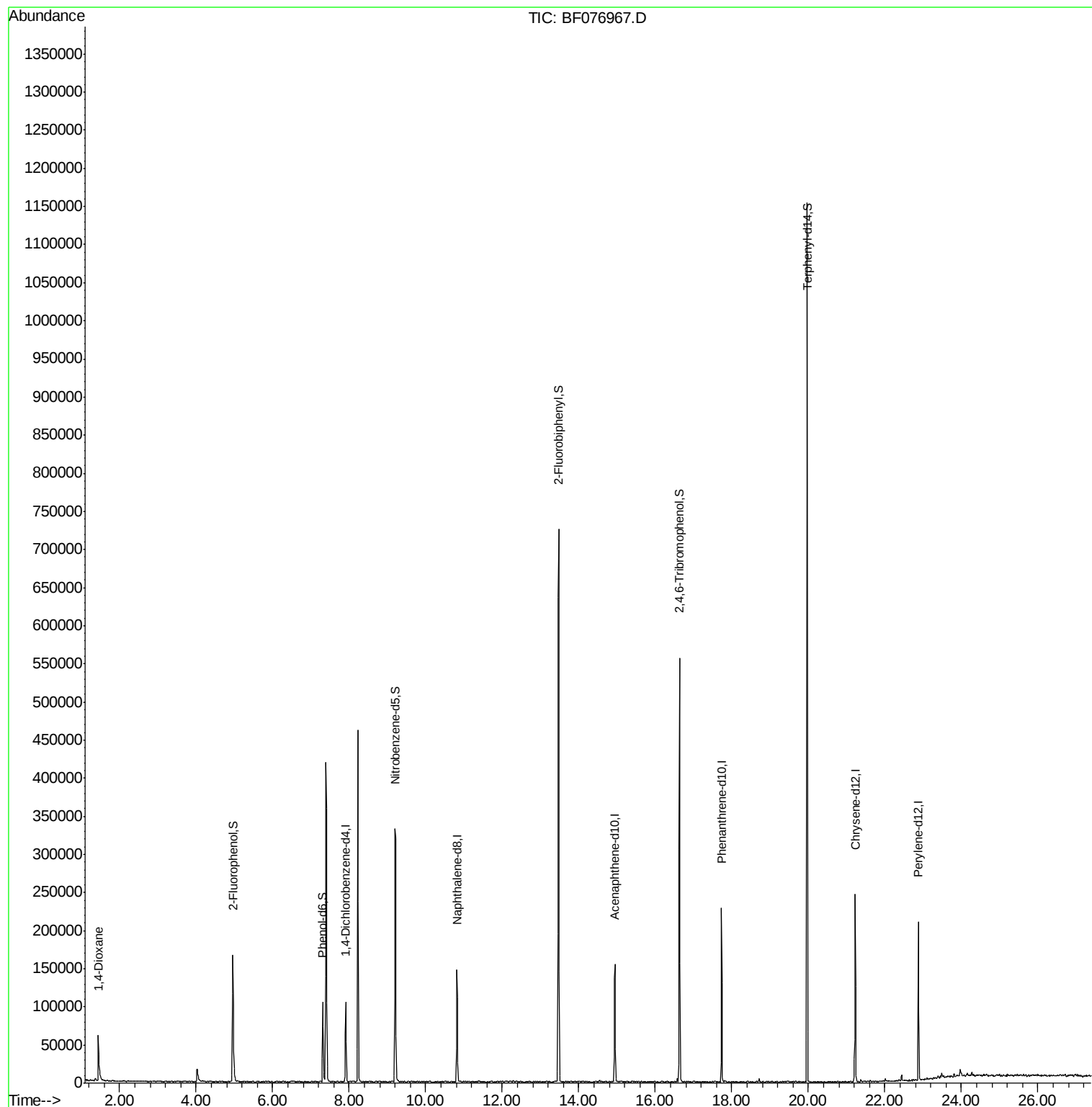
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	27622	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	117199	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	64245	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	112111	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	110056	20.00	ng	-0.01
86) Perylene-d12	22.87	264	91329	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	90990	54.16	ng	0.00
7) Phenol-d6	7.30	99	67901	32.04	ng	-0.01
23) Nitrobenzene-d5	9.20	82	197743	93.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	79253	151.97	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	411796	97.54	ng	0.00
78) Terphenyl-d14	19.97	244	481327	100.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.44	88	2052	2.85	ng	Qvalue # 12

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

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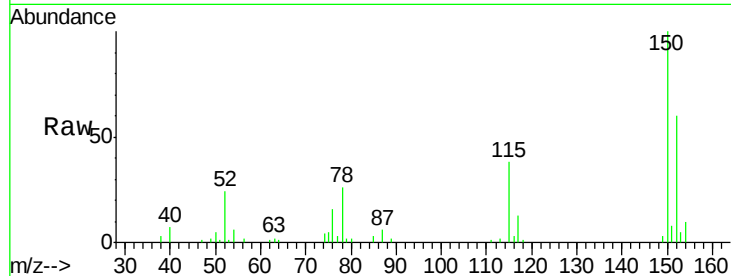


#1

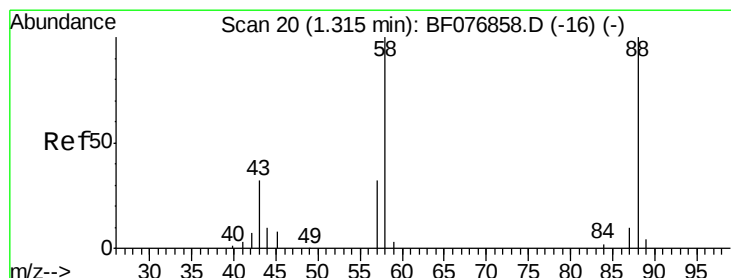
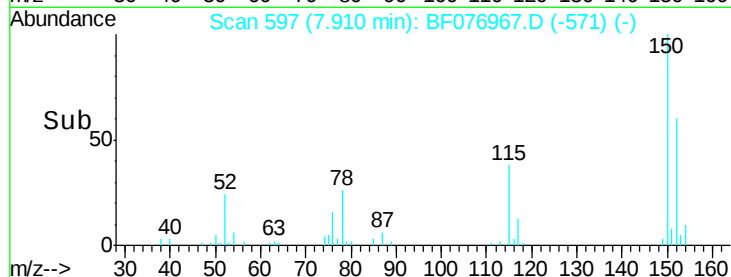
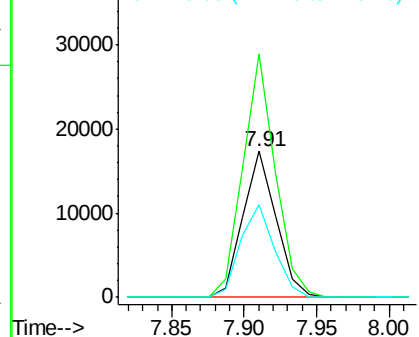
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076967.D
Acq: 20 Jan 2015 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 27622
Ion Ratio Lower Upper
152 100
150 166.5 121.7 182.5
115 63.2 47.0 70.6



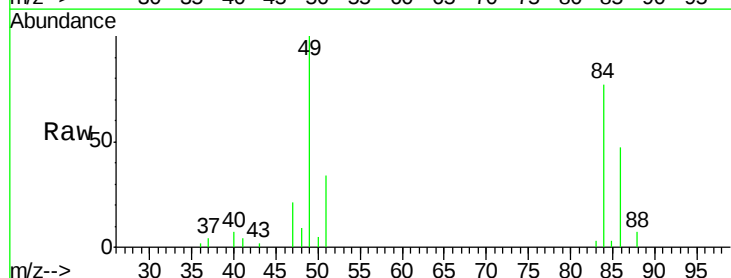
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



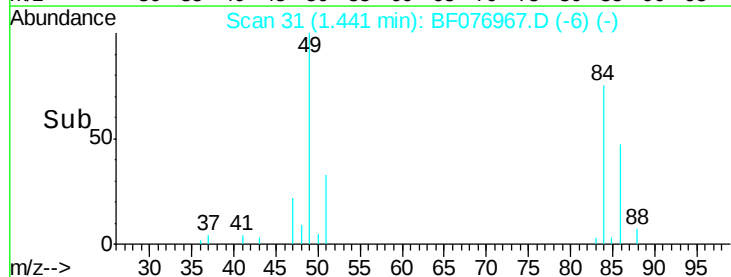
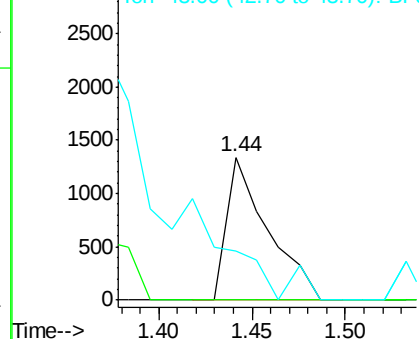
#2

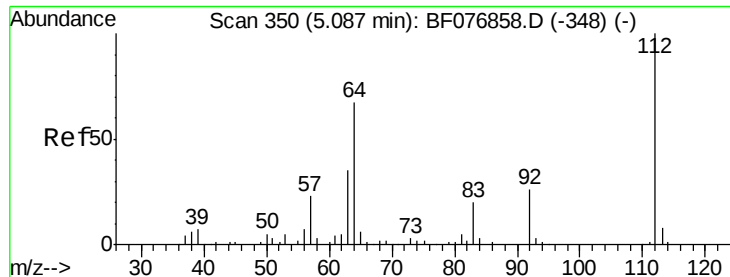
1,4-Dioxane
Concen: 2.85 ng
RT: 1.44 min Scan# 31
Delta R.T. 0.18 min
Lab File: BF076967.D
Acq: 20 Jan 2015 17:54

Tgt Ion: 88 Resp: 2052
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.16 ng

RT: 4.96 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

Instrument :

BNA_F

ClientSampleId :

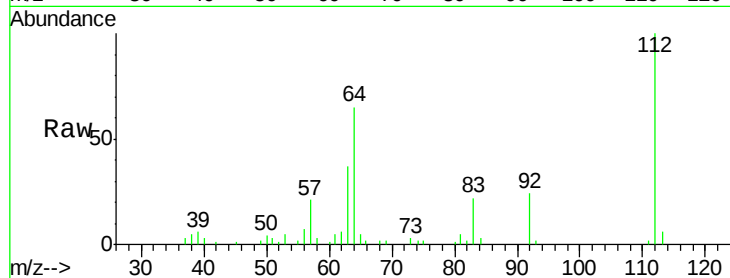
Tot Ion: 112 Resp: 90990

Ion Ratio Lower Upper

112 100

64 65.0 54.2 81.4

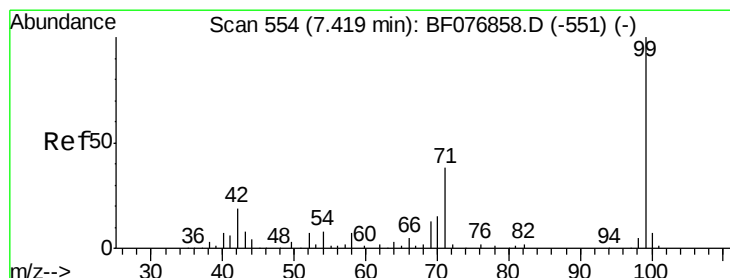
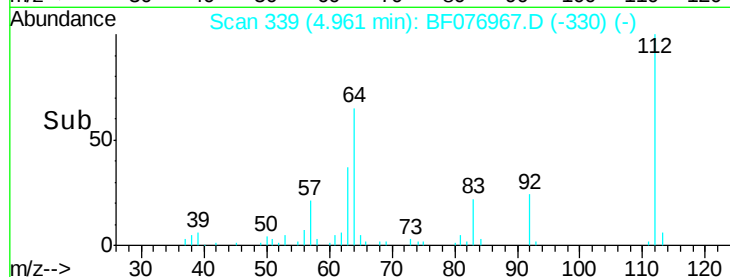
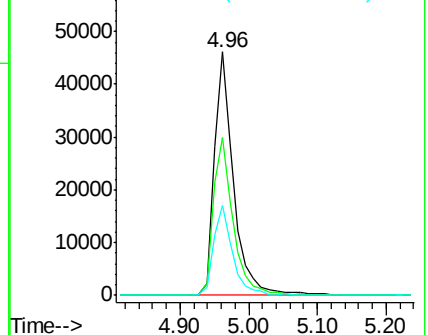
63 36.9 28.4 42.6



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: 32.04 ng

RT: 7.30 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

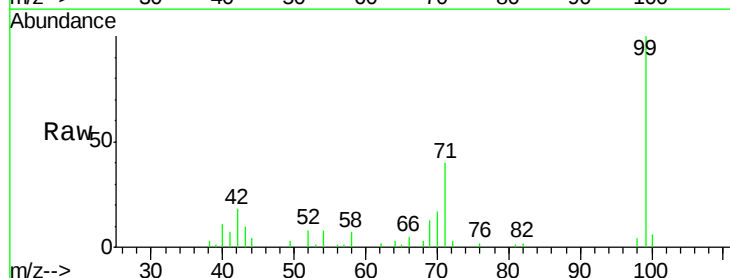
Tgt Ion: 99 Resp: 67901

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

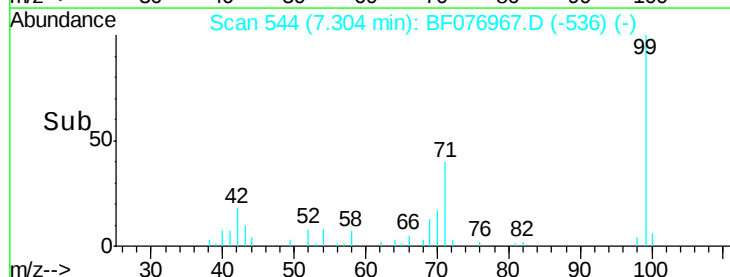
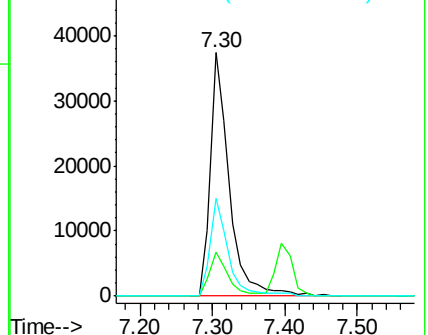
71 40.1 30.5 45.7

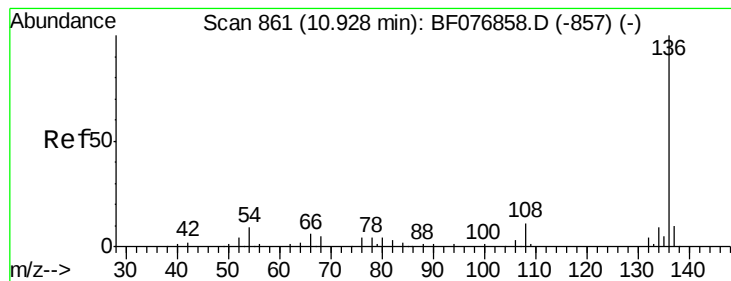


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 117199

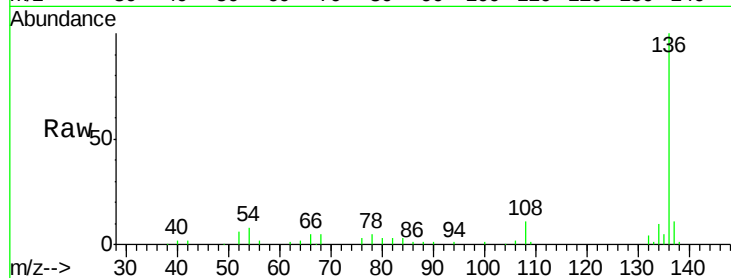
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.3 7.0 10.4

68 4.6 3.7 5.5

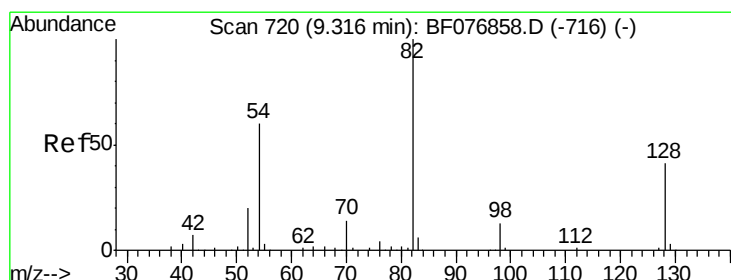
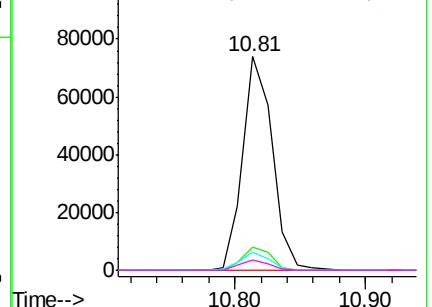
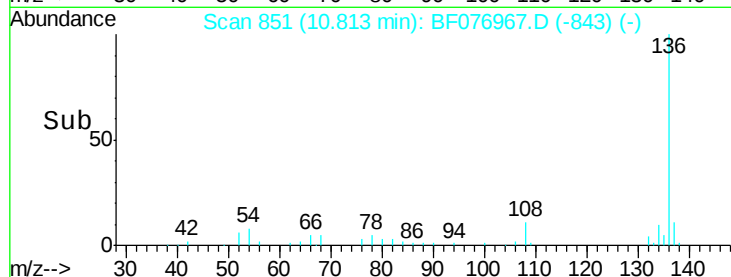


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.48 ng

RT: 9.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

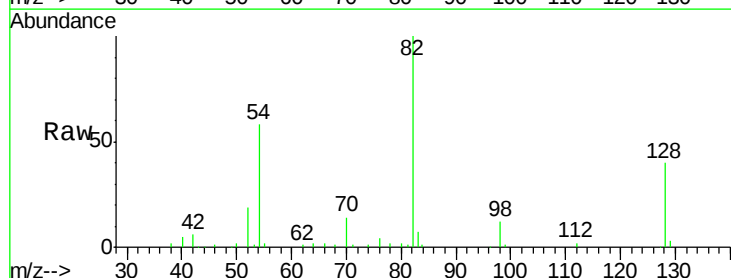
Tgt Ion: 82 Resp: 197743

Ion Ratio Lower Upper

82 100

128 39.7 33.1 49.7

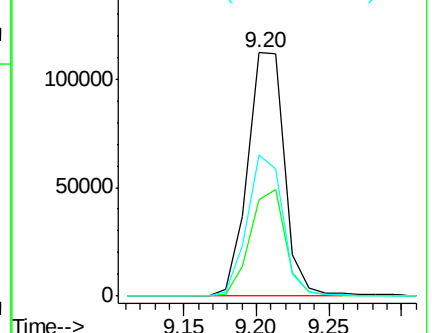
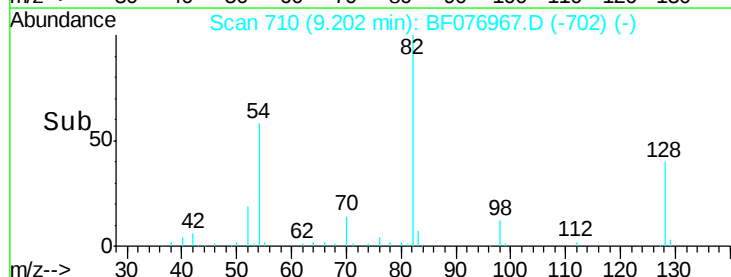
54 57.9 48.3 72.5



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: 14.95 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

Instrument :

BNA_F

ClientSampleId :

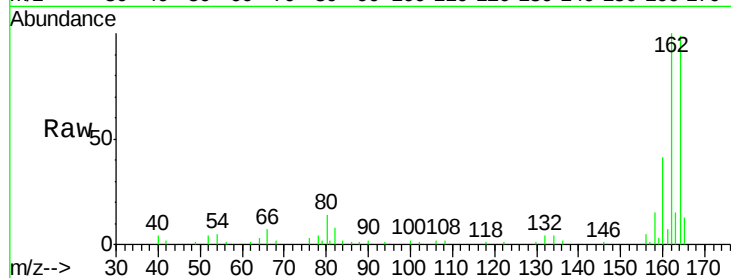
Tot Ion:164 Resp: 64245

Ion Ratio Lower Upper

164 100

162 100.5 82.4 123.6

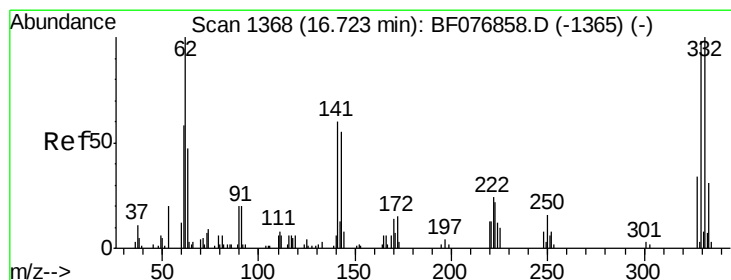
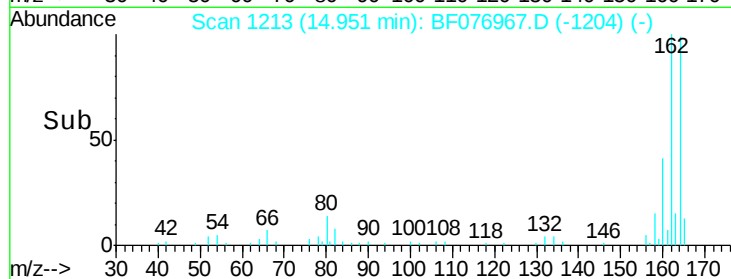
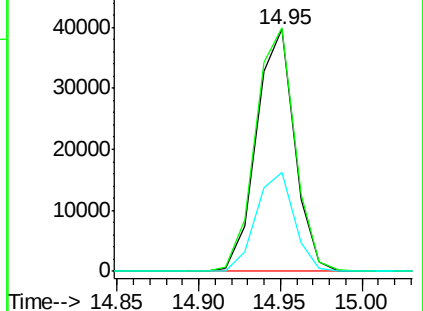
160 40.8 34.8 52.2



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: 151.97 ng

RT: 16.63 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

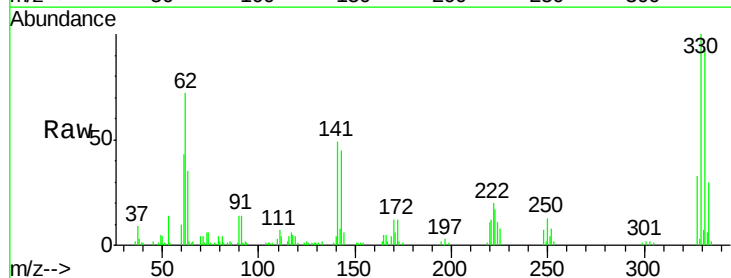
Tgt Ion:330 Resp: 79253

Ion Ratio Lower Upper

330 100

332 94.1 77.8 116.6

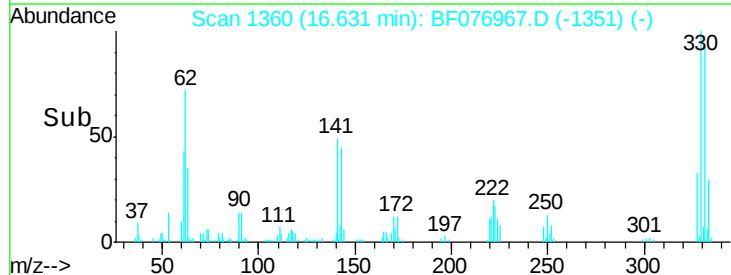
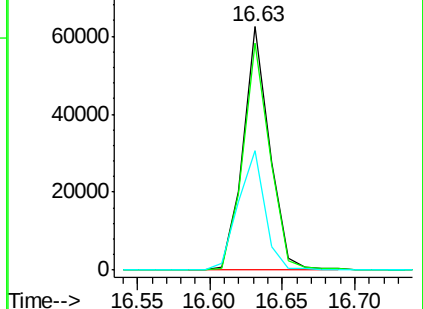
141 49.1 38.5 57.7

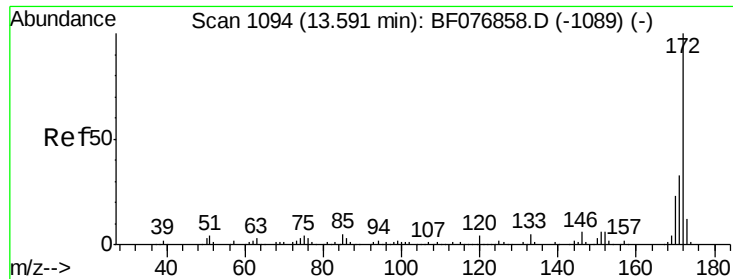


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

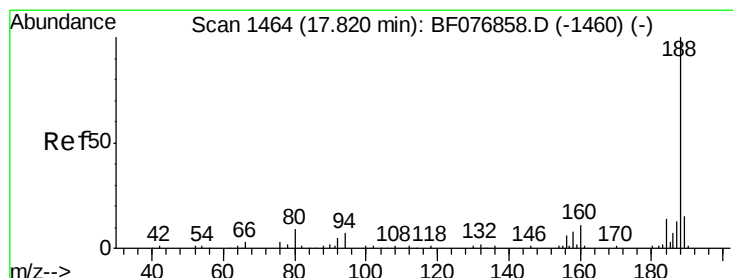
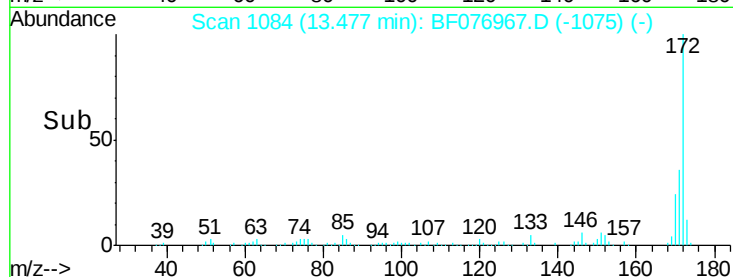
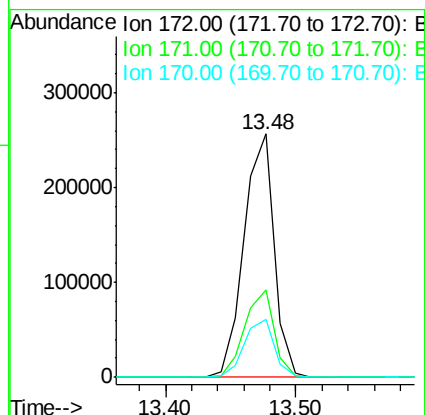
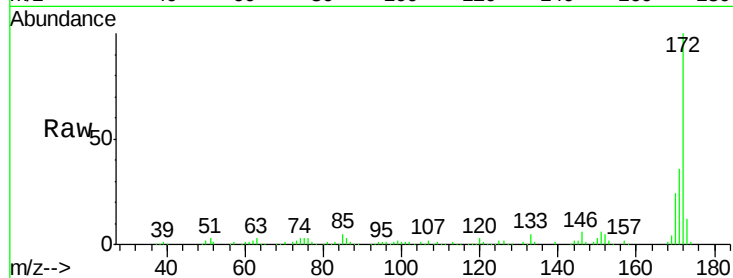




#44
2-Fluorobiphenyl
Concen: 97.54 ng
RT: 13.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF076967.D
Acq: 20 Jan 2015 17:54

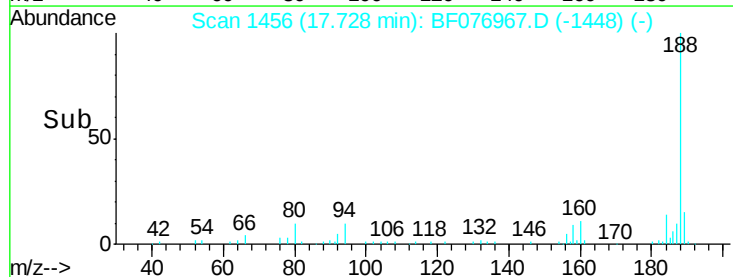
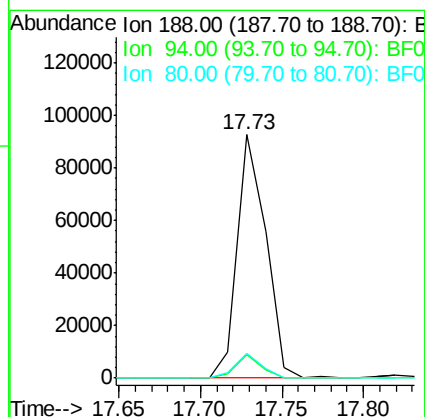
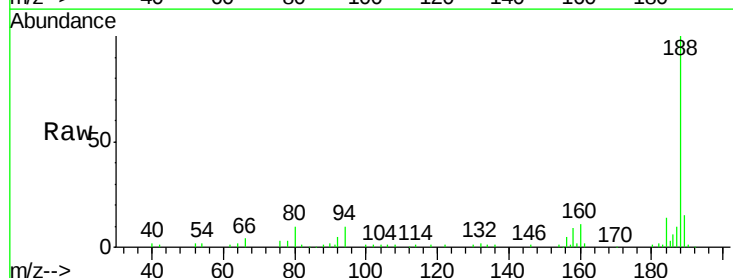
Instrument :
BNA_F
ClientSampleId :

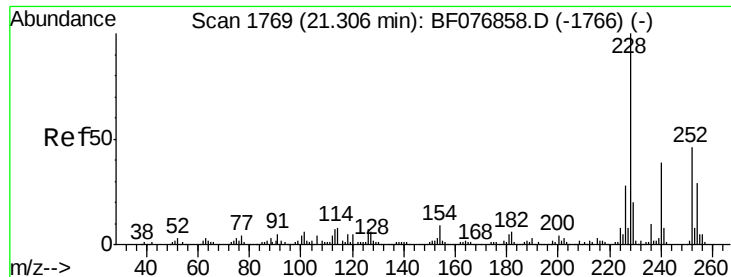
Tot Ion:172 Resp: 411796
Ion Ratio Lower Upper
172 100
171 36.1 26.6 40.0
170 23.6 18.0 27.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF076967.D
Acq: 20 Jan 2015 17:54

Tgt Ion:188 Resp: 112111
Ion Ratio Lower Upper
188 100
94 9.6 6.0 9.0#
80 10.0 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

Instrument :

BNA_F

ClientSampleId :

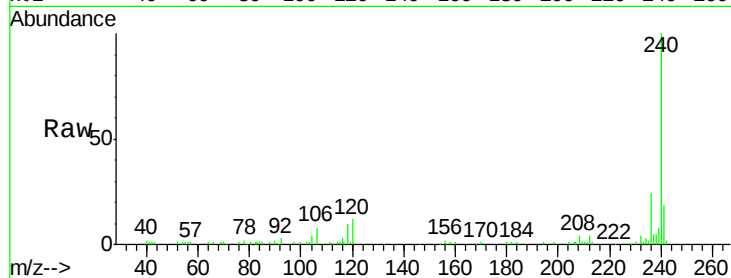
Tot Ion:240 Resp: 110056

Ion Ratio Lower Upper

240 100

120 12.1 10.4 15.6

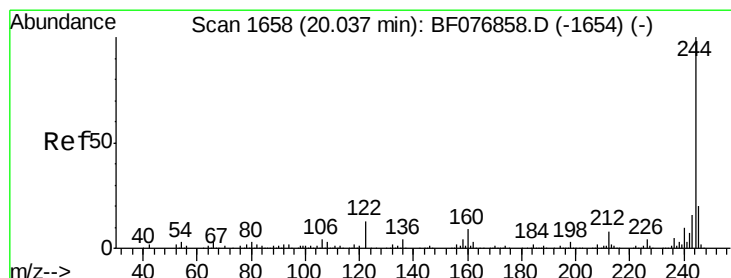
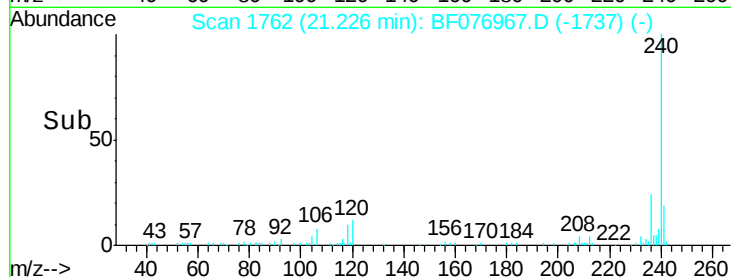
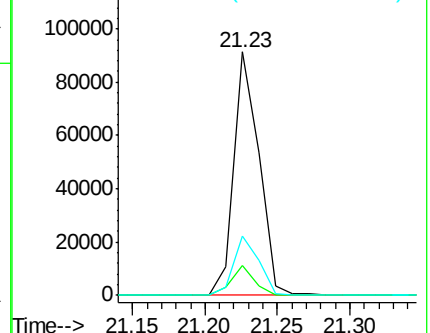
236 24.2 20.2 30.2



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: 100.68 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076967.D

Acq: 20 Jan 2015 17:54

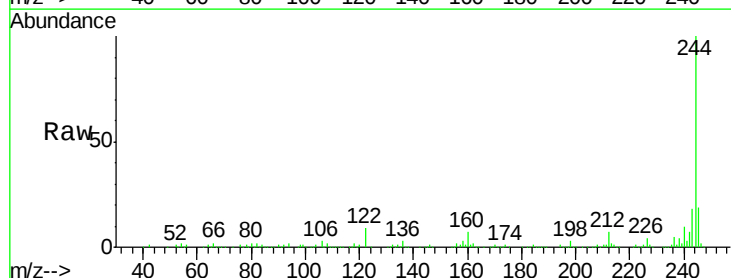
Tgt Ion:244 Resp: 481327

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

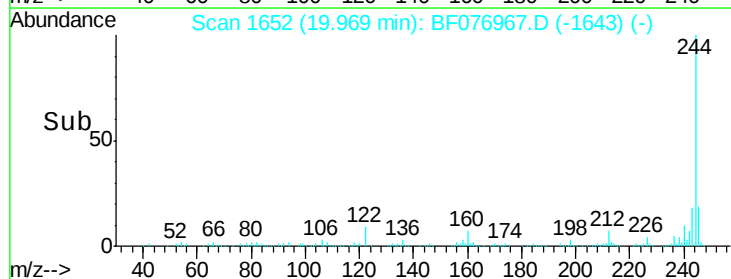
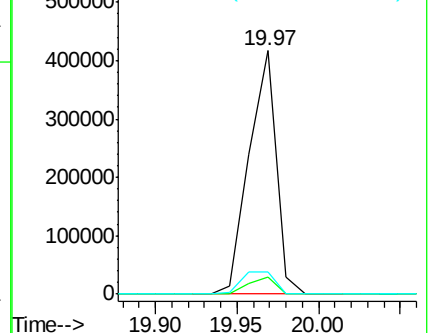
122 9.2 10.1 15.1#

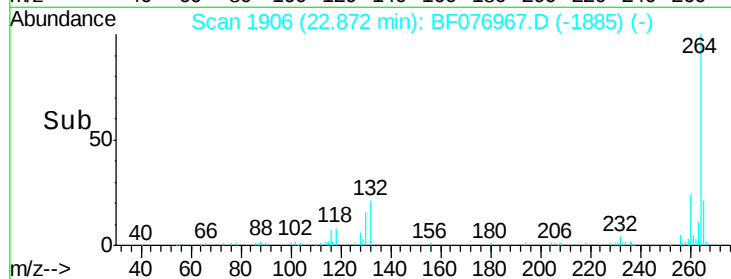
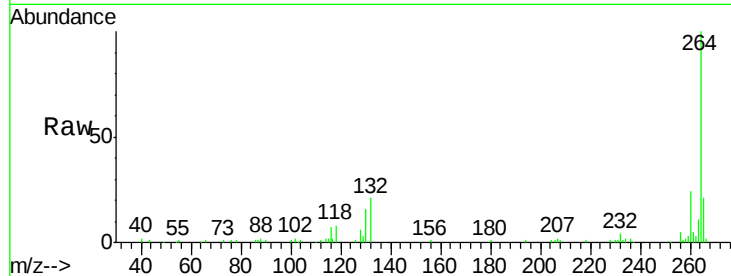
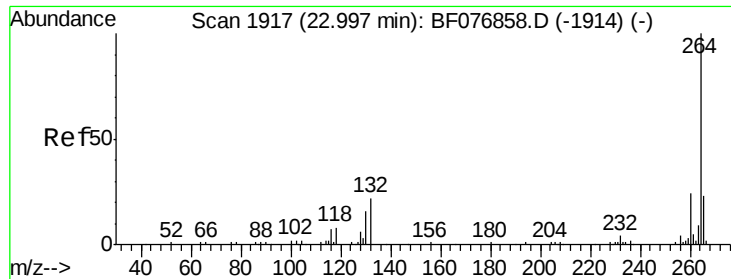


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.87 min Scan# 1906
Delta R.T. -0.06 min
Lab File: BF076967.D
Acq: 20 Jan 2015 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	20.9	18.1	27.1

