

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076850.D
 Acq On : 13 Jan 2015 19:10
 Operator : IZ / TP
 Sample : G1069-02
 Misc : W DOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:46:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27760	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	114212	20.00	ng	-0.03
38) Acenaphthene-d10	15.08	164	60036	20.00	ng	-0.06
63) Phenanthrene-d10	17.82	188	97664	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	94671	20.00	ng	-0.05
86) Perylene-d12	22.95	264	92199	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	87722	52.73	ng	-0.05
7) Phenol-d6	7.45	99	61733	29.48	ng	-0.05
23) Nitrobenzene-d5	9.35	82	196062	95.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	72730	145.14	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	389291	95.43	ng	-0.05
78) Terphenyl-d14	20.04	244	380189	88.17	ng	-0.03

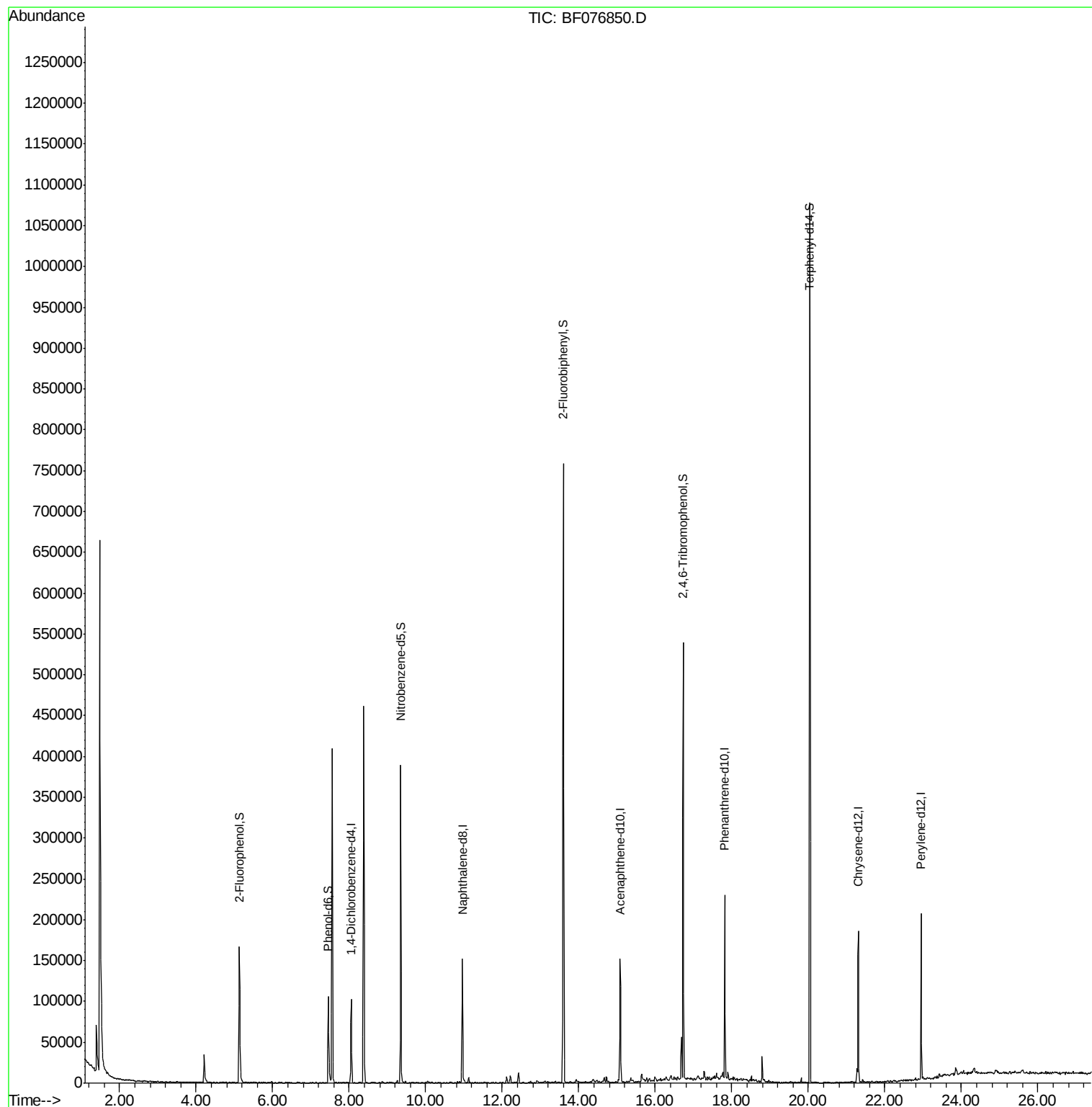
Target Compounds Qvalue

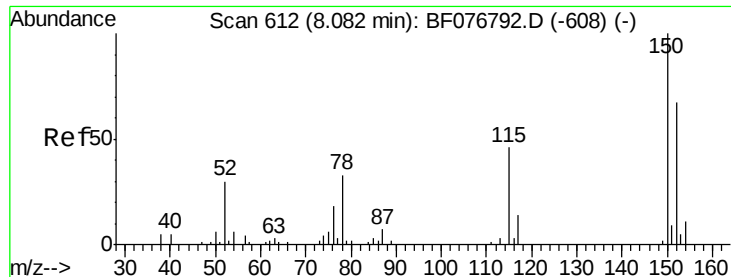
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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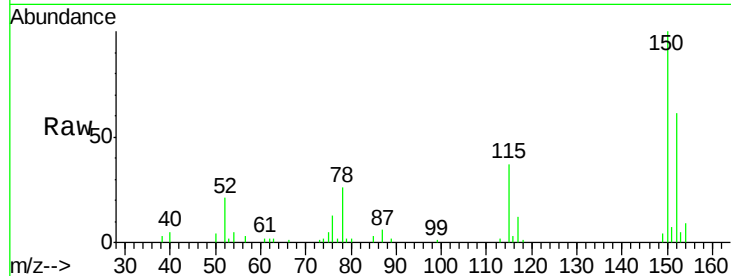




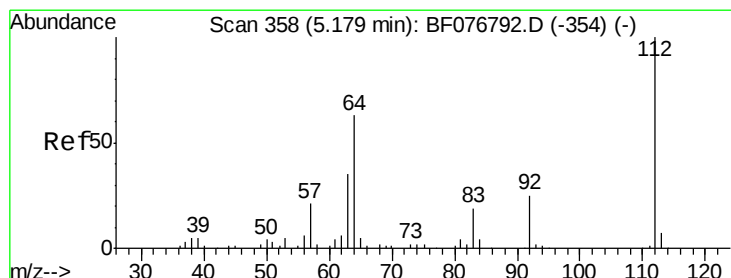
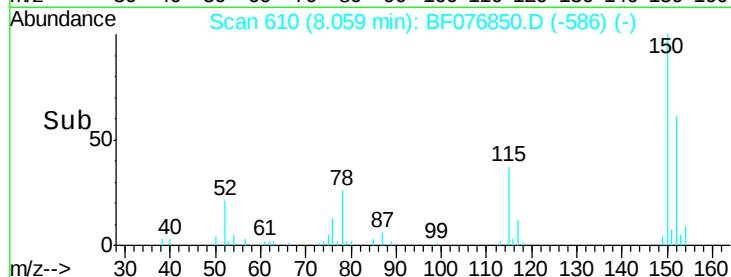
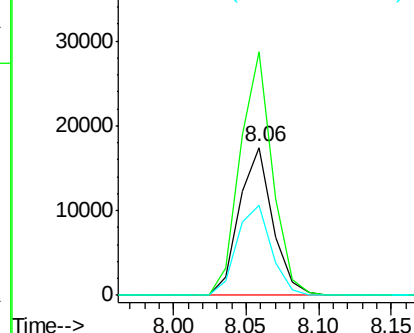
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 27760
 Ion Ratio Lower Upper
 152 100
 150 164.3 119.5 179.3
 115 61.0 54.6 81.8

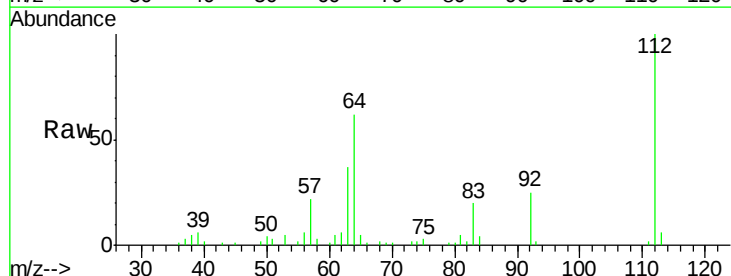


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

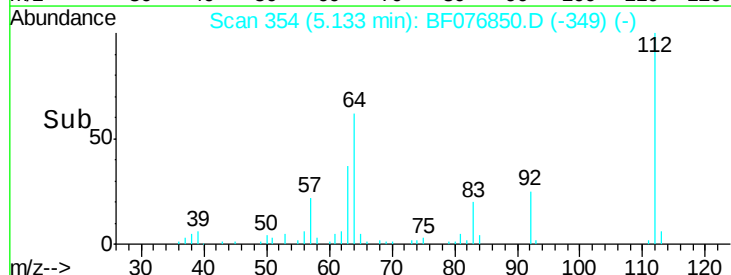
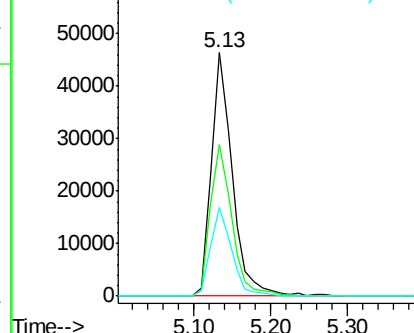


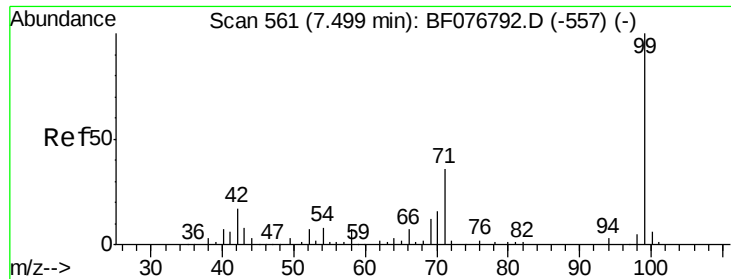
#5
 2-Fluorophenol
 Concen: 52.73 ng
 RT: 5.13 min Scan# 354
 Delta R.T. -0.05 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Tgt Ion:112 Resp: 87722
 Ion Ratio Lower Upper
 112 100
 64 62.0 50.2 75.4
 63 36.7 27.8 41.6



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: 29.48 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampled :

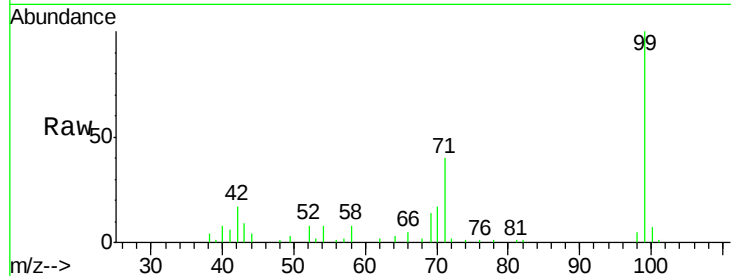
Tot Ion: 99 Resp: 61733

Ion Ratio Lower Upper

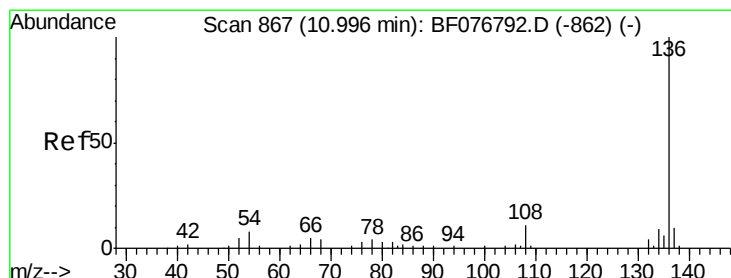
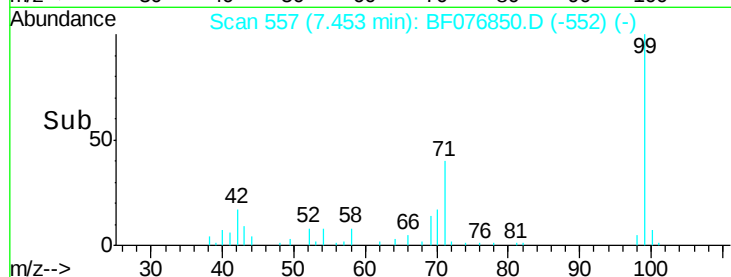
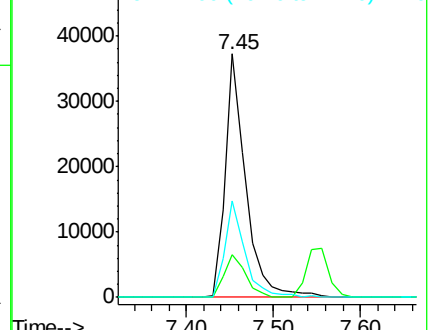
99 100

42 17.5 13.3 19.9

71 39.6 29.2 43.8



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: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Tgt Ion: 136 Resp: 114212

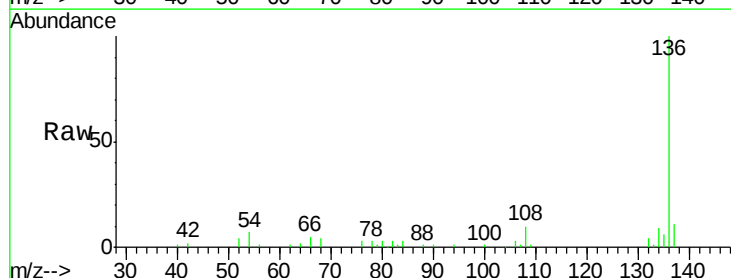
Ion Ratio Lower Upper

136 100

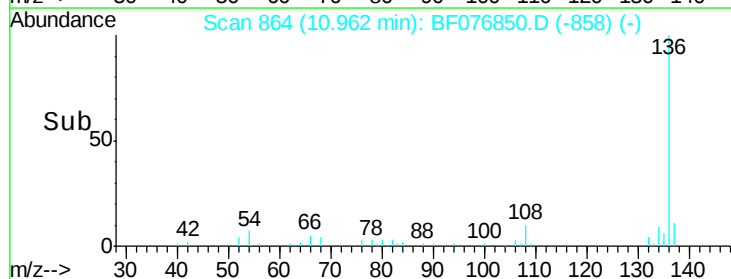
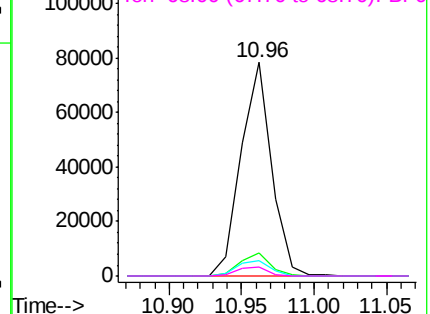
137 11.1 8.1 12.1

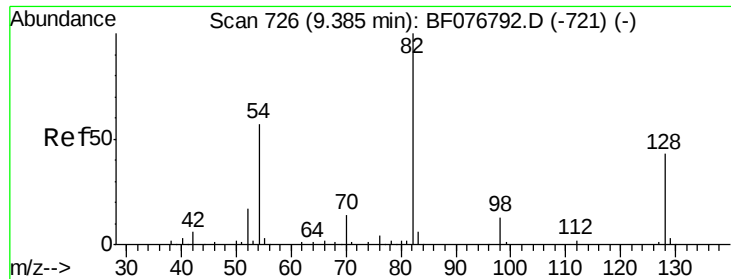
54 7.3 6.3 9.5

68 4.3 3.4 5.0



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: 95.39 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

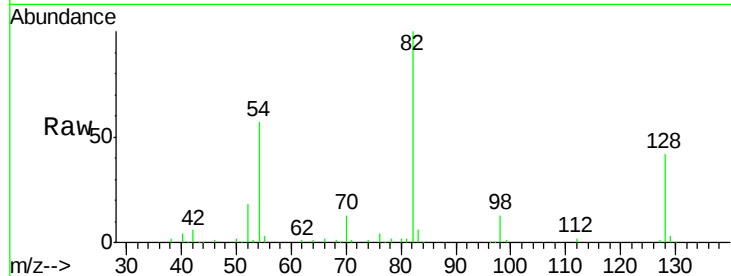
Tot Ion: 82 Resp: 196062

Ion Ratio Lower Upper

82 100

128 42.4 34.0 51.0

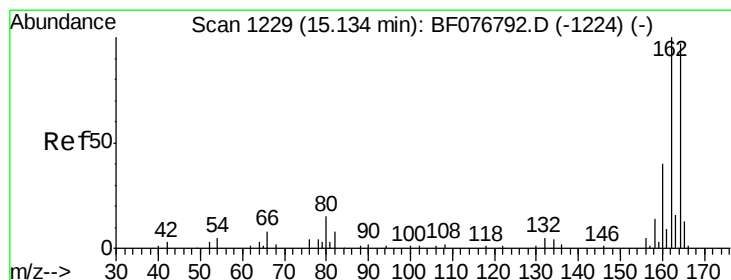
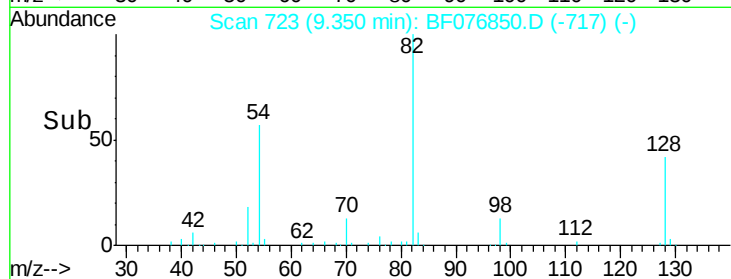
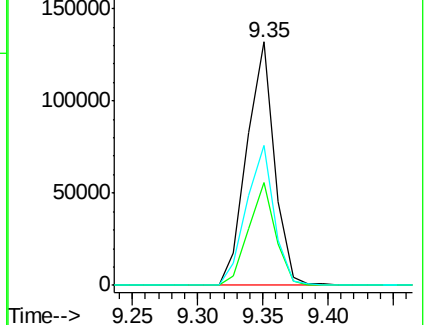
54 57.3 45.6 68.4



Abundance Ion 82.00 (81.70 to 82.70): BF076792.D (-721) (-)

Ion 128.00 (127.70 to 128.70): BF076792.D (-721) (-)

Ion 54.00 (53.70 to 54.70): BF076792.D (-721) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 1224

Delta R.T. -0.06 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

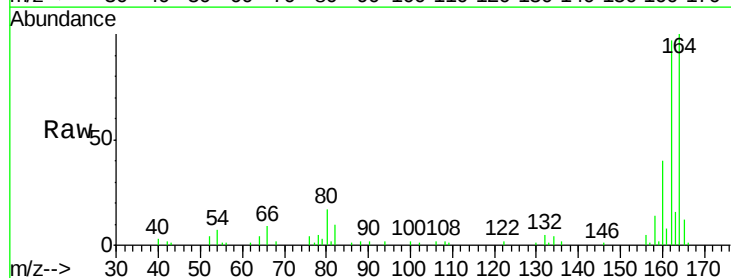
Tgt Ion: 164 Resp: 60036

Ion Ratio Lower Upper

164 100

162 96.9 82.5 123.7

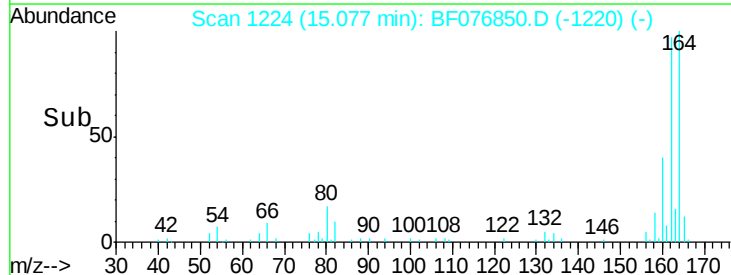
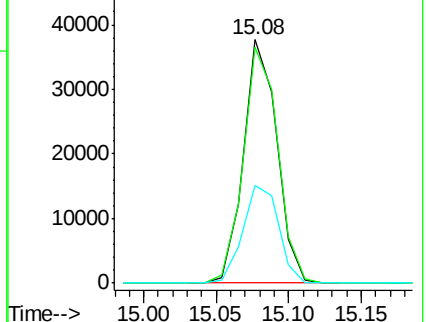
160 40.1 33.1 49.7

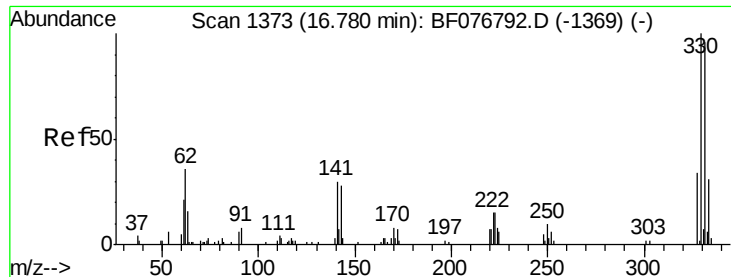


Abundance Ion 164.00 (163.70 to 164.70): BF076792.D (-1224) (-)

Ion 162.00 (161.70 to 162.70): BF076792.D (-1224) (-)

Ion 160.00 (159.70 to 160.70): BF076792.D (-1224) (-)





#41

2,4,6-Tribromophenol

Concen: 145.14 ng

RT: 16.73 min Scan# 1369

Delta R.T. -0.05 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

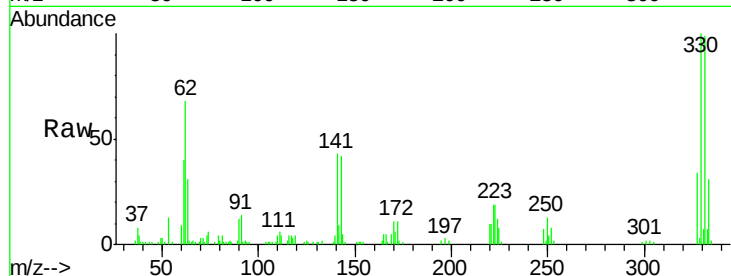
Tot Ion:330 Resp: 72730

Ion Ratio Lower Upper

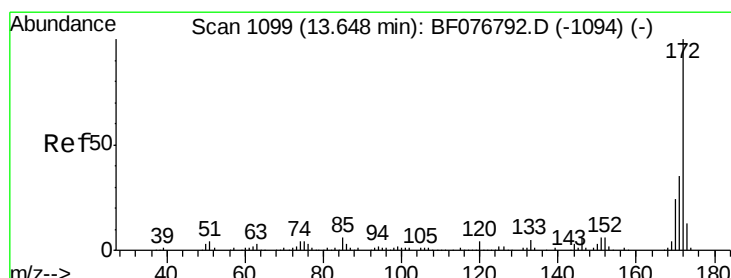
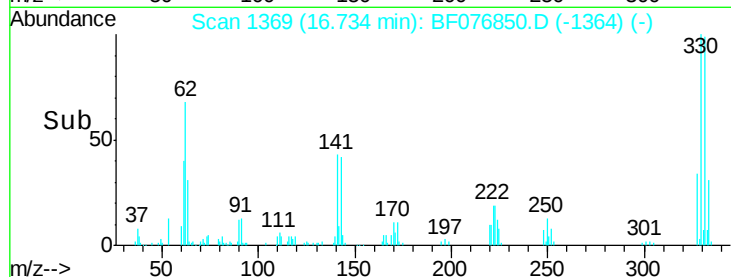
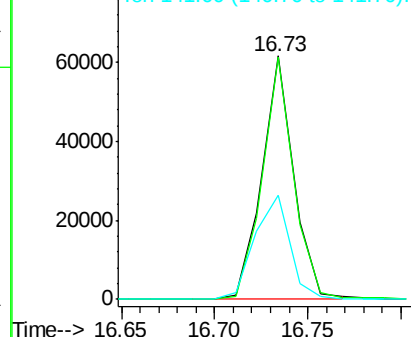
330 100

332 97.6 74.8 112.2

141 47.3 42.4 63.6



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: 95.43 ng

RT: 13.60 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

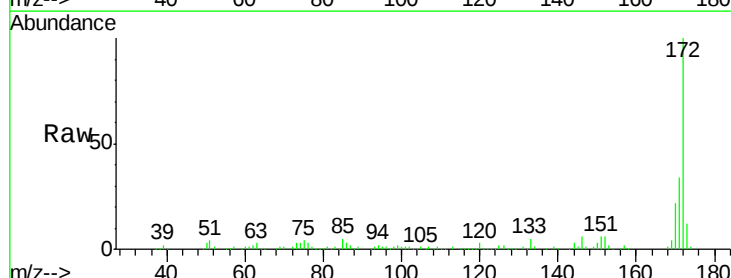
Tgt Ion:172 Resp: 389291

Ion Ratio Lower Upper

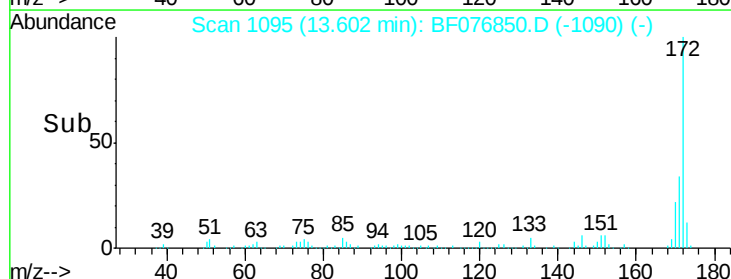
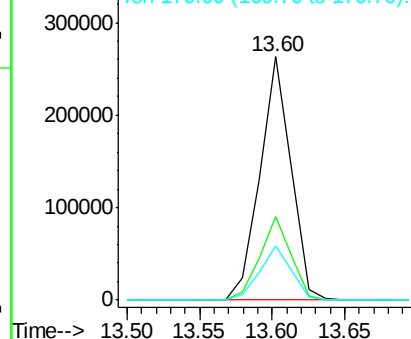
172 100

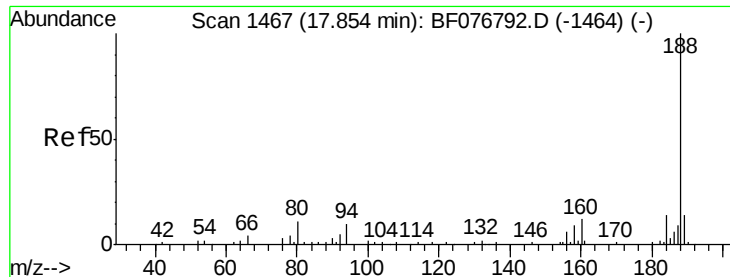
171 34.2 27.8 41.8

170 22.1 18.8 28.2



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: 17.82 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

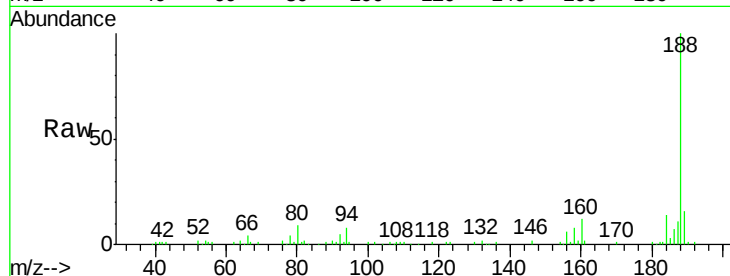
Tot Ion:188 Resp: 97664

Ion Ratio Lower Upper

188 100

94 7.9 7.8 11.6

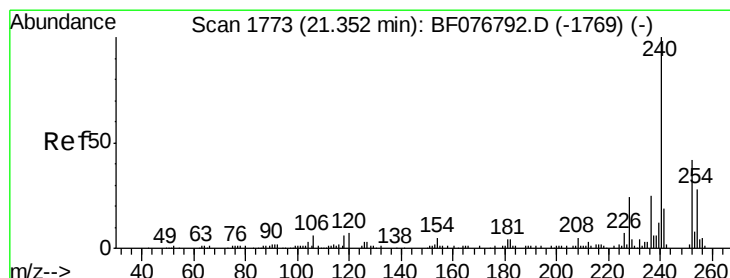
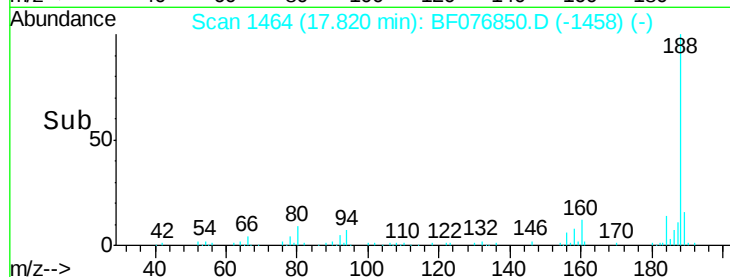
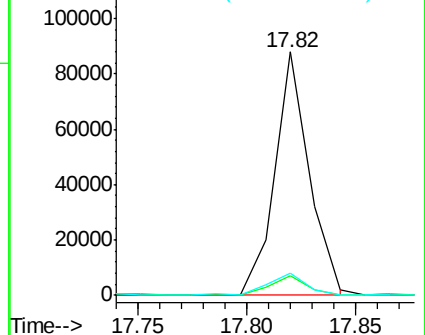
80 9.1 8.6 13.0



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: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

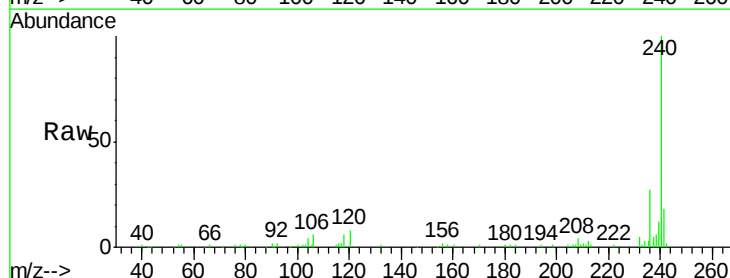
Tgt Ion:240 Resp: 94671

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

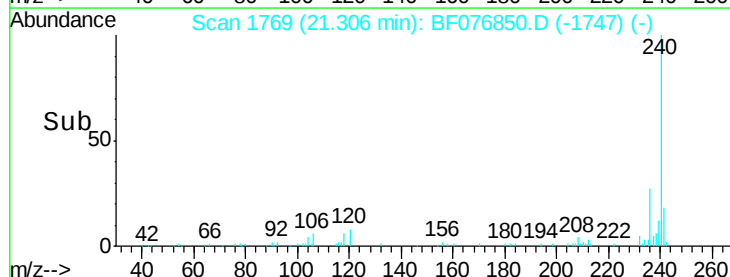
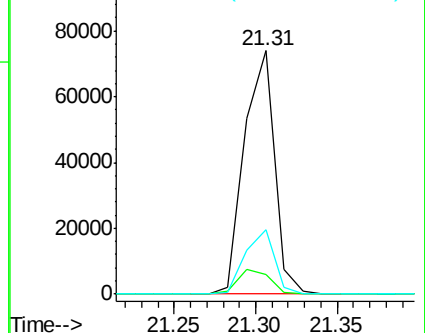
236 26.6 19.7 29.5

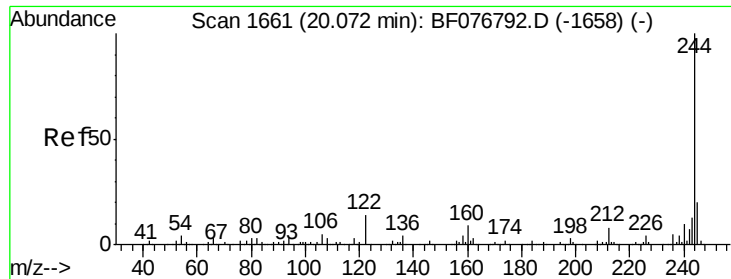


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

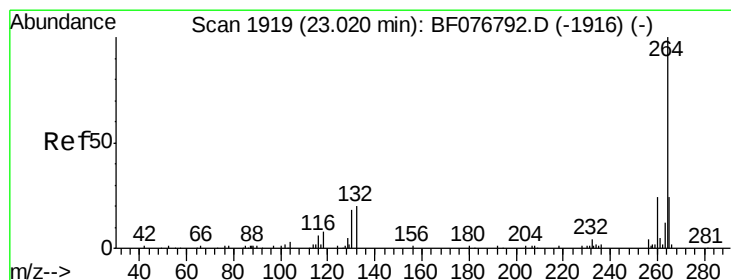
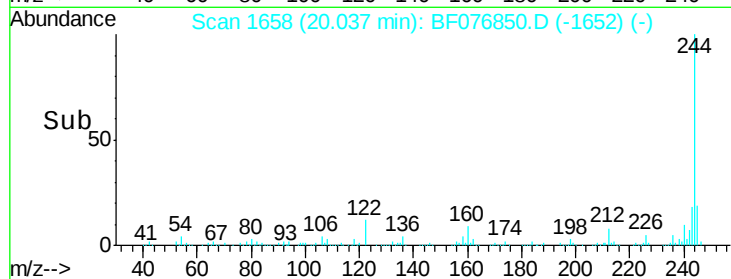
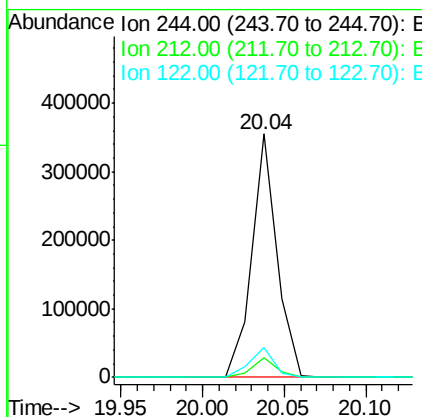
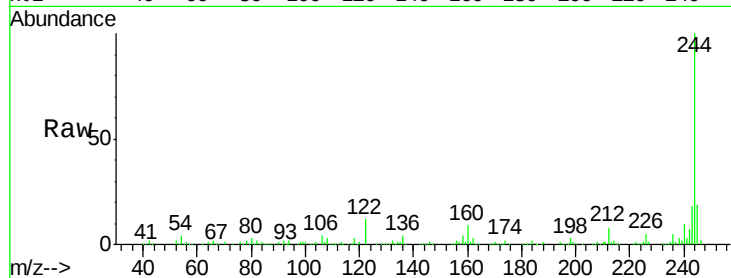




#78
 Terphenyl-d14
 Concen: 88.17 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 380189
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.2 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.95 min Scan# 1913
 Delta R.T. -0.07 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Tgt Ion:264 Resp: 92199
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 19.7 18.9 28.3

