

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076906.D
 Acq On : 16 Jan 2015 5:52
 Operator : IZ / TP
 Sample : G1086-02
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 06:40:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

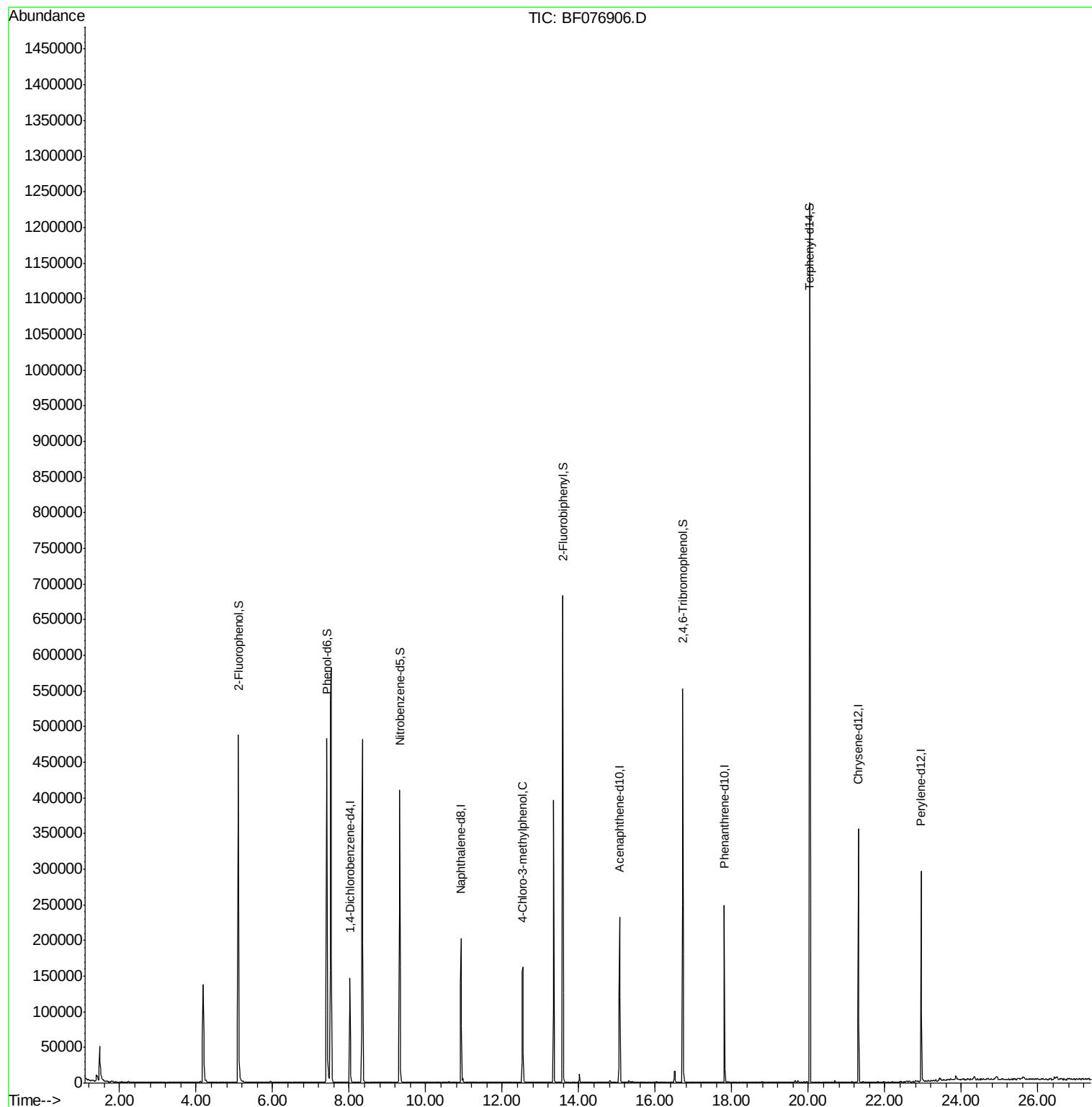
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37978	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	159951	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	86677	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	145823	20.00	ng	0.00
75) Chrysene-d12	21.31	240	143390	20.00	ng	0.00
86) Perylene-d12	22.95	264	133217	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	247744	107.25	ng	0.01
7) Phenol-d6	7.42	99	292382	100.34	ng	0.00
23) Nitrobenzene-d5	9.32	82	209154	72.44	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	73401	104.32	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	409504	71.90	ng	0.00
78) Terphenyl-d14	20.04	244	414729	66.59	ng	0.00
Target Compounds						
36) 4-Chloro-3-methylphenol	12.54	107	40952	16.87	ng	Qvalue # 19

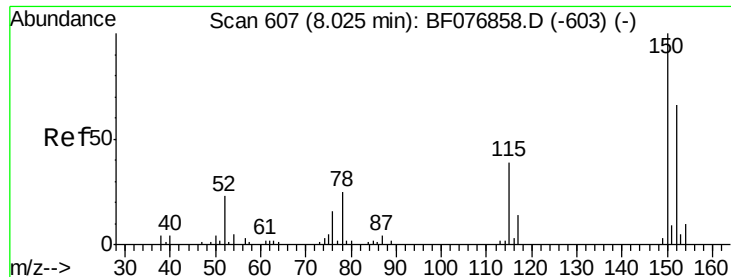
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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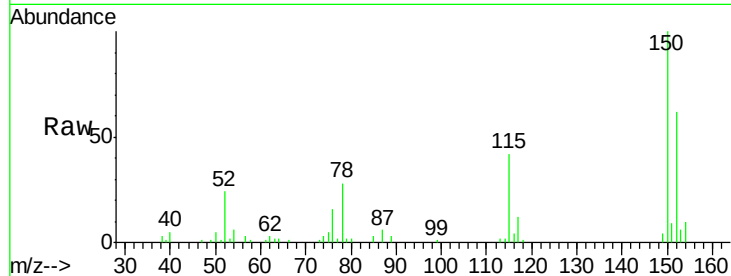


#1

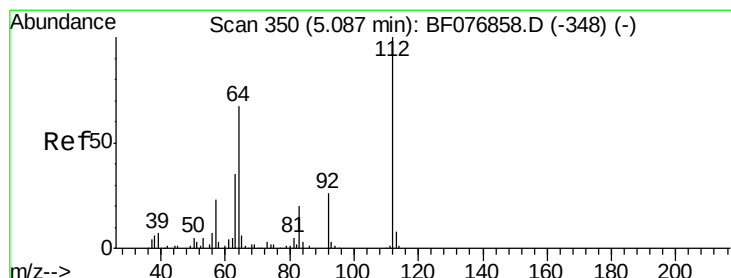
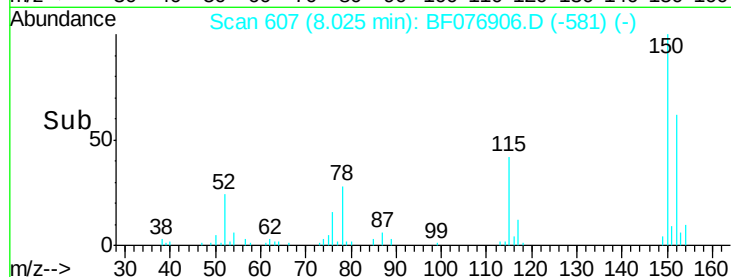
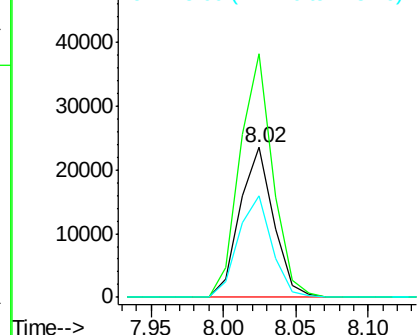
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076906.D
Acq: 16 Jan 2015 5:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37978
Ion Ratio Lower Upper
152 100
150 162.4 121.7 182.5
115 67.5 47.0 70.6



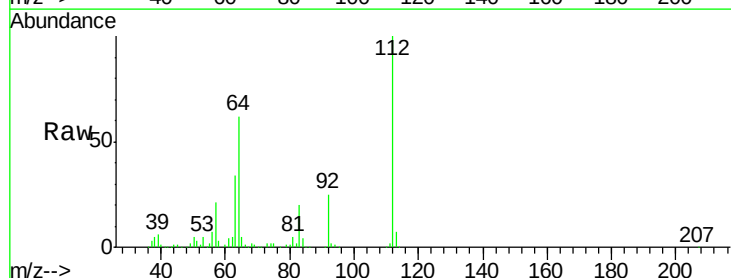
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



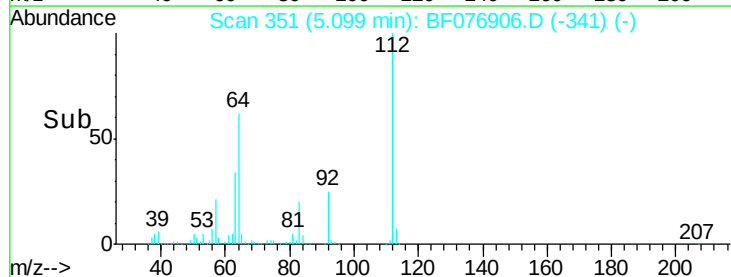
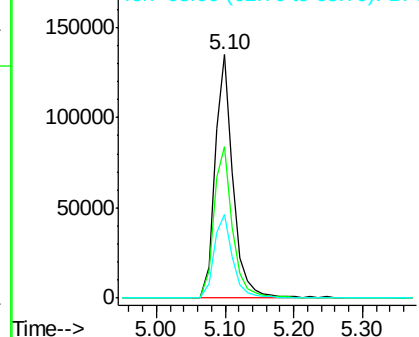
#5

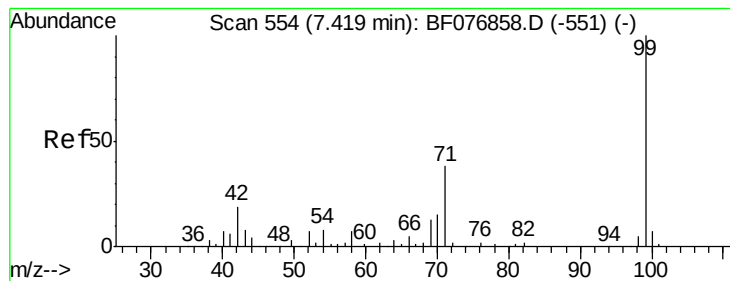
2-Fluorophenol
Concen: 107.25 ng
RT: 5.10 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF076906.D
Acq: 16 Jan 2015 5:52

Tgt Ion:112 Resp: 247744
Ion Ratio Lower Upper
112 100
64 62.3 54.2 81.4
63 34.4 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: 100.34 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

Instrument :

BNA_F

ClientSampled :

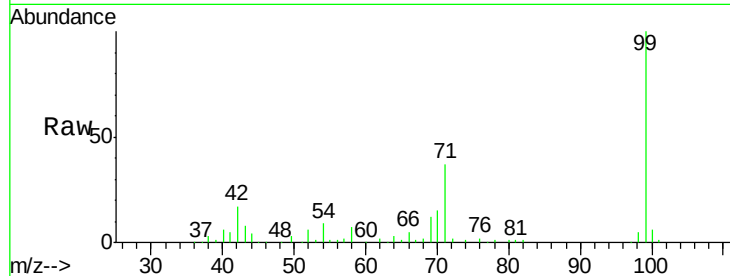
Tot Ion: 99 Resp: 292382

Ion Ratio Lower Upper

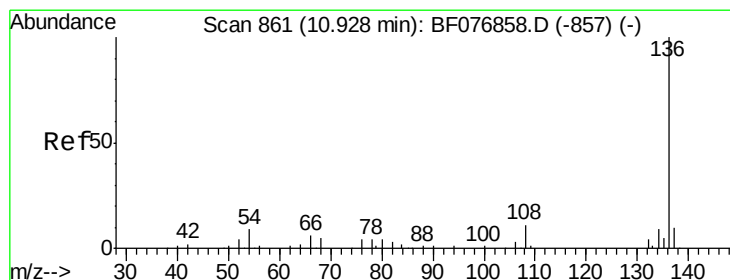
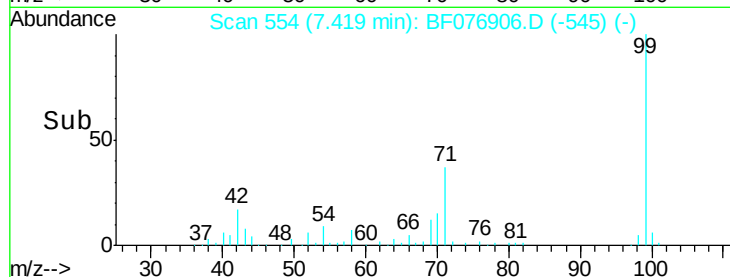
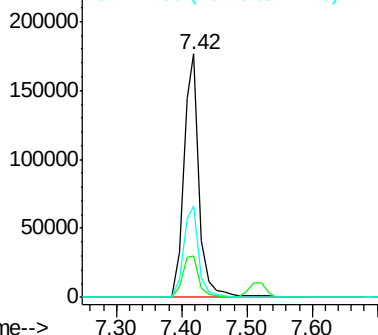
99 100

42 16.9 15.0 22.4

71 37.4 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: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

Tgt Ion: 136 Resp: 159951

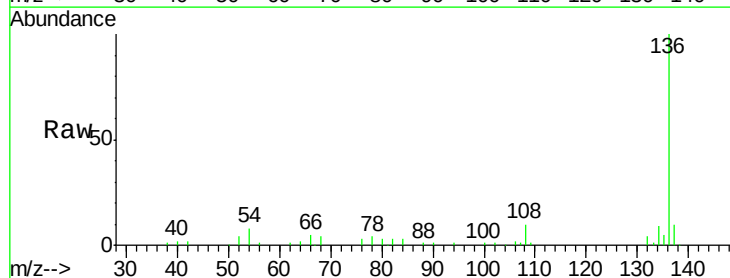
Ion Ratio Lower Upper

136 100

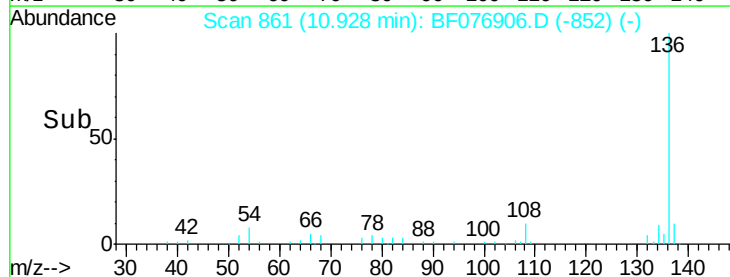
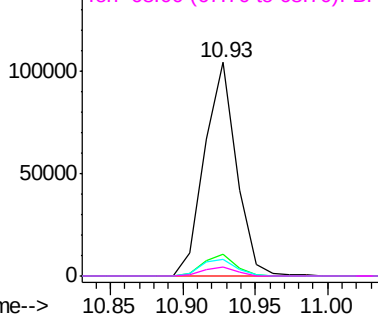
137 10.3 8.1 12.1

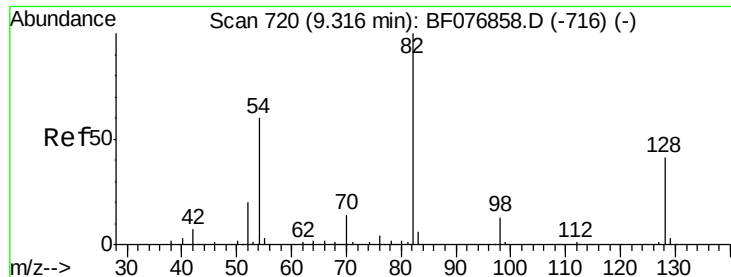
54 7.6 7.0 10.4

68 4.4 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: 72.44 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076906.D

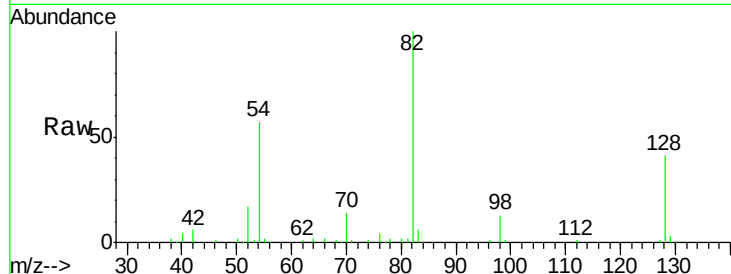
Acq: 16 Jan 2015 5:52

Instrument :

BNA_F

ClientSampleId :

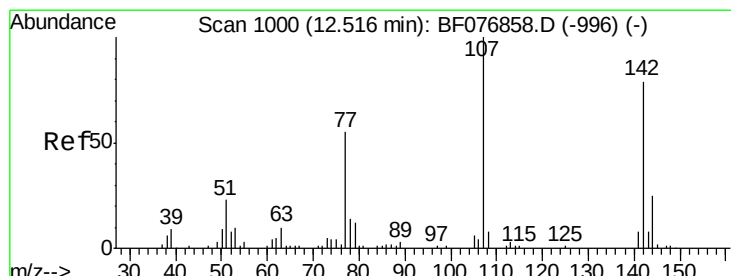
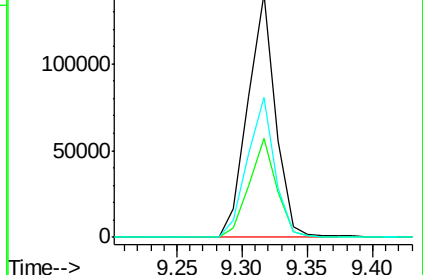
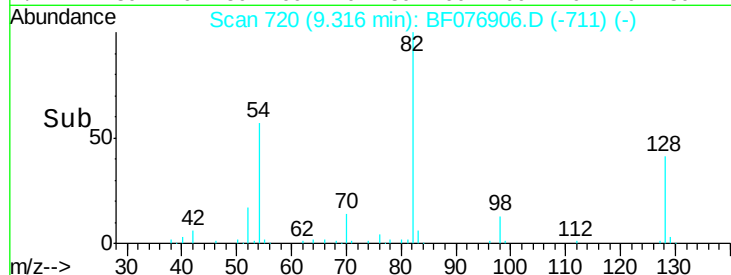
Tot Ion:	82	Resp:	209154
Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.1	49.7
54	57.2	48.3	72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076906.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BF076906.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BF076906.D (-711) (-)



#36

4-Chloro-3-methylphenol

Concen: 16.87 ng

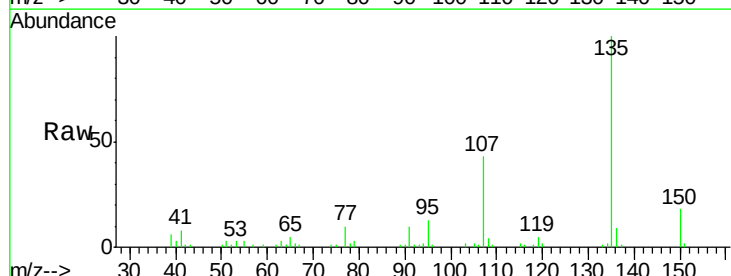
RT: 12.54 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

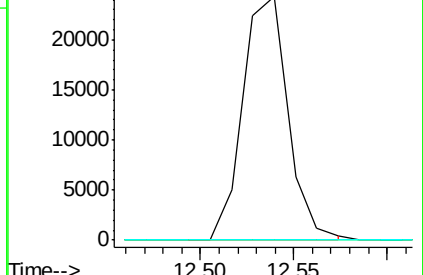
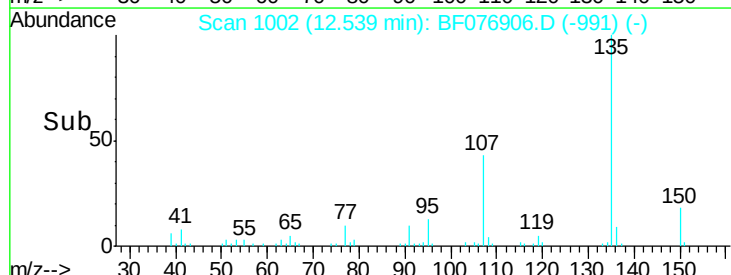
Tgt Ion:	107	Resp:	40952
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.0	30.0#
142	0.0	63.5	95.3#

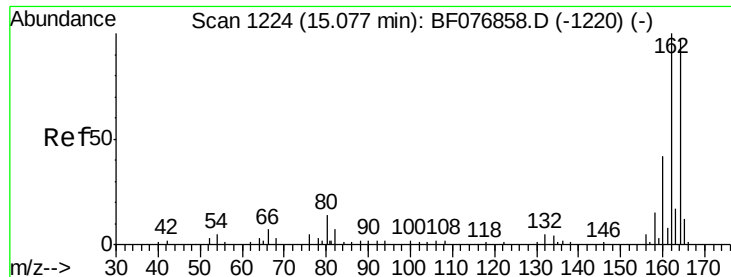


Abundance Ion 107.00 (106.70 to 107.70): BF076906.D (-991) (-)

Ion 144.00 (143.70 to 144.70): BF076906.D (-991) (-)

Ion 142.00 (141.70 to 142.70): BF076906.D (-991) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

Instrument :

BNA_F

ClientSampleId :

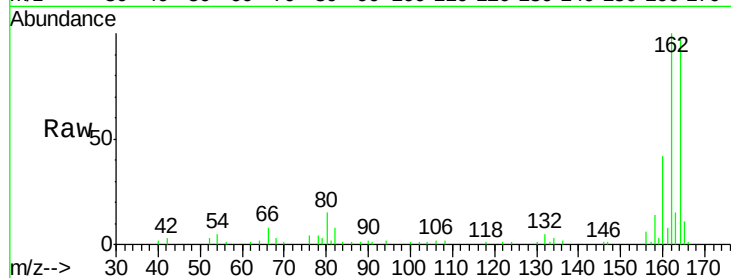
Tot Ion:164 Resp: 86677

Ion Ratio Lower Upper

164 100

162 102.2 82.4 123.6

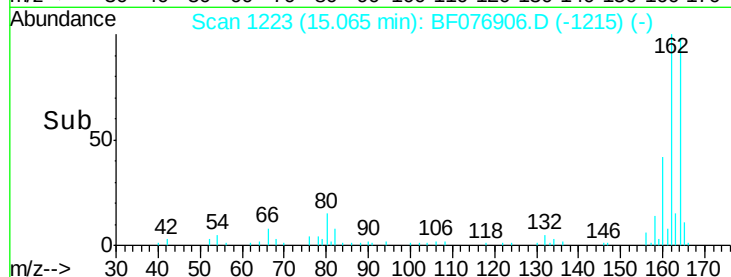
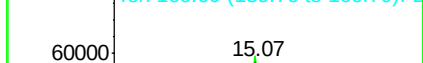
160 42.9 34.8 52.2



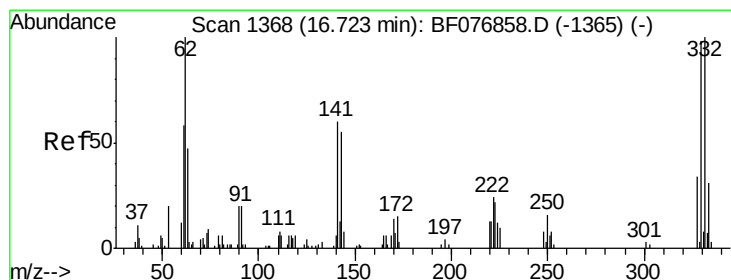
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 104.32 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

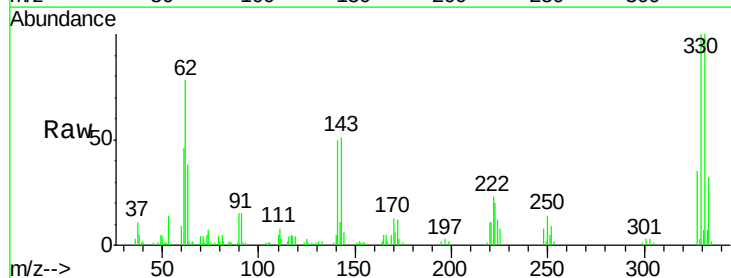
Tgt Ion:330 Resp: 73401

Ion Ratio Lower Upper

330 100

332 99.7 77.8 116.6

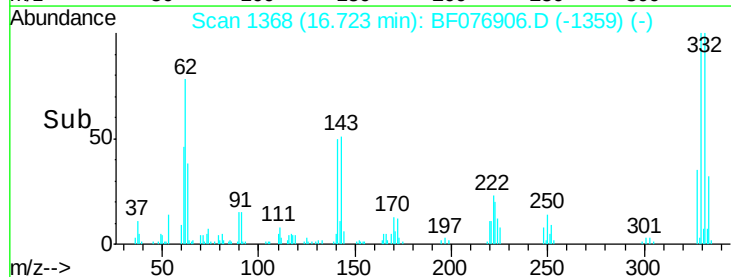
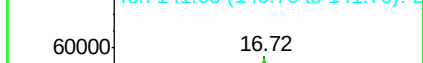
141 50.7 38.5 57.7



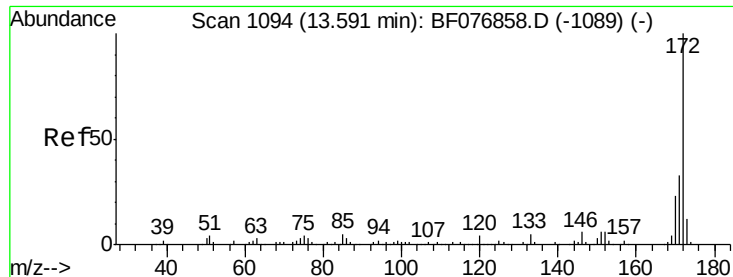
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



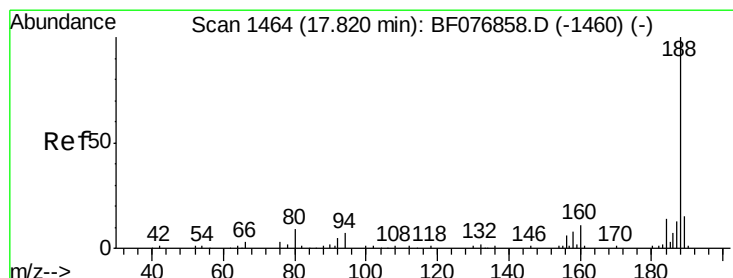
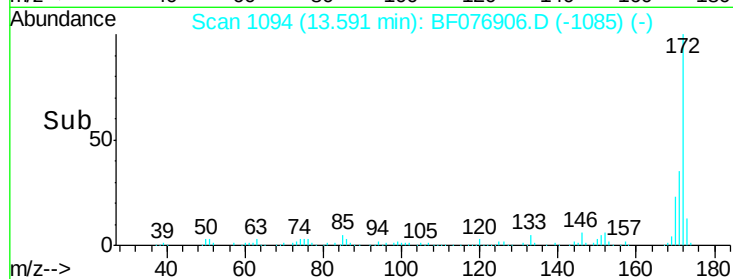
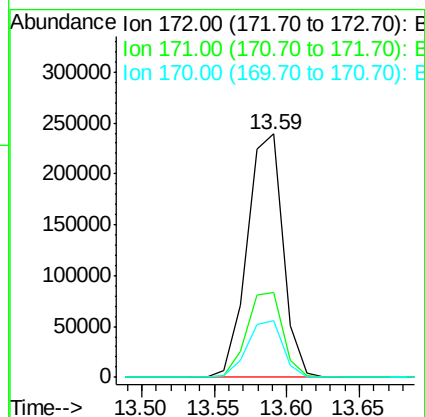
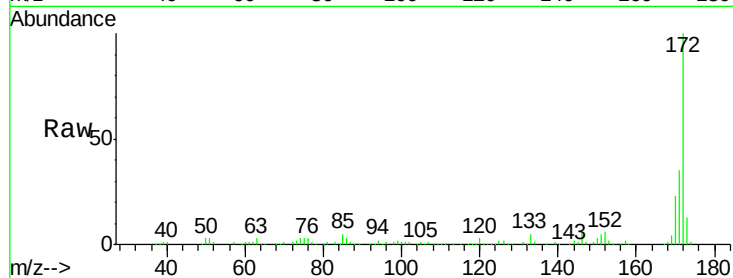
Time-->



#44
 2-Fluorobiphenyl
 Concen: 71.90 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076906.D
 Acq: 16 Jan 2015 5:52

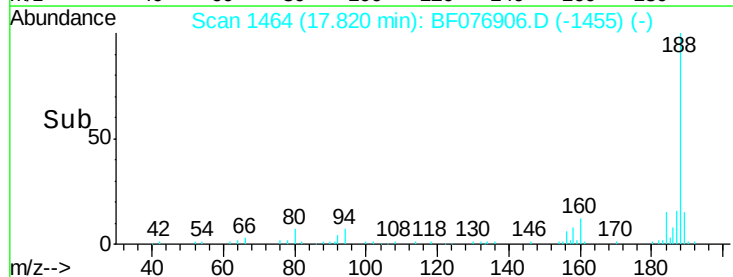
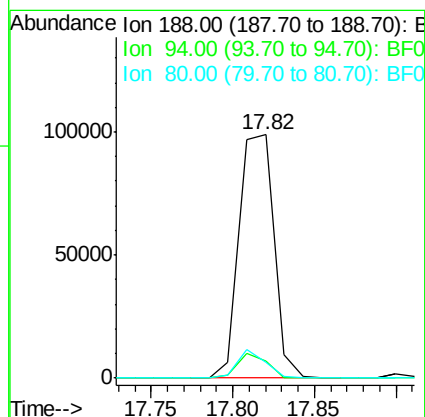
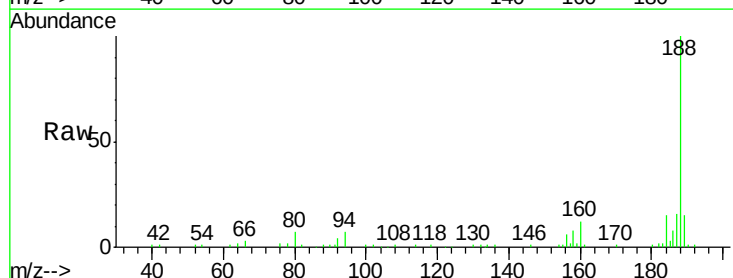
Instrument :
 BNA_F
 ClientSampleId :

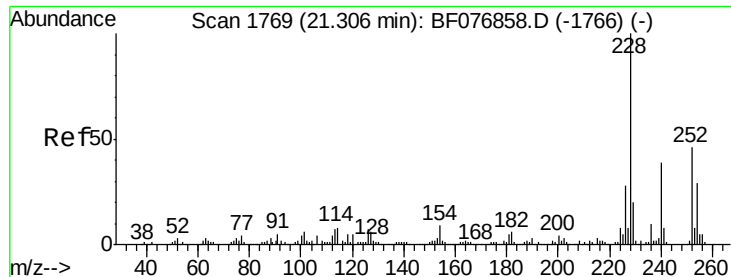
Tot Ion:172 Resp: 409504
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.1 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076906.D
 Acq: 16 Jan 2015 5:52

Tgt Ion:188 Resp: 145823
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.0 9.0
 80 6.7 6.9 10.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

Instrument :

BNA_F

ClientSampleId :

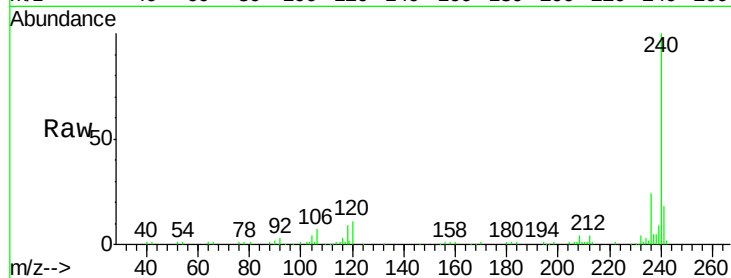
Tot Ion:240 Resp: 143390

Ion Ratio Lower Upper

240 100

120 10.5 10.4 15.6

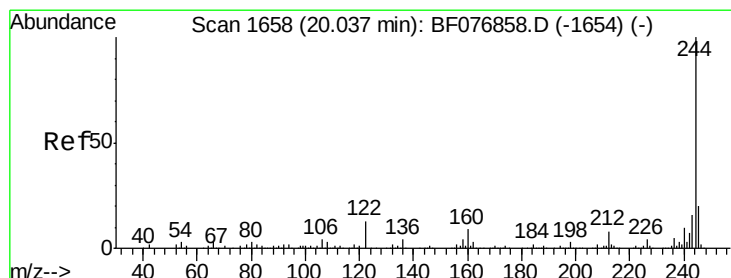
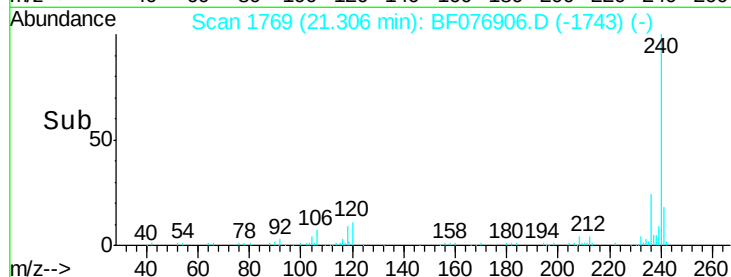
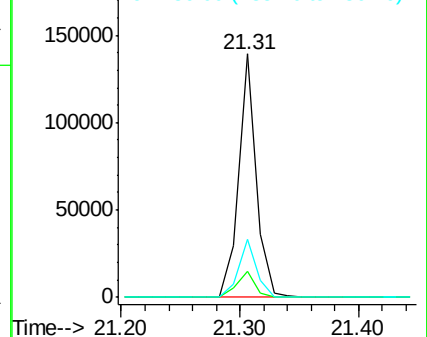
236 23.6 20.2 30.2



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: 66.59 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076906.D

Acq: 16 Jan 2015 5:52

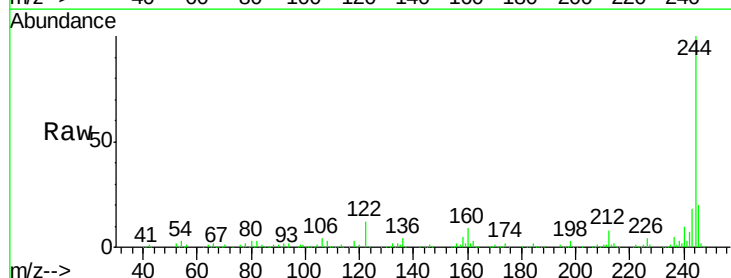
Tgt Ion:244 Resp: 414729

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

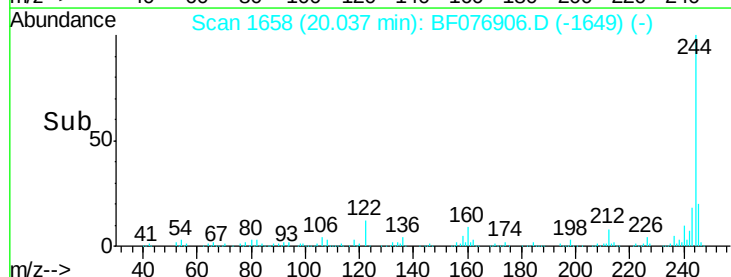
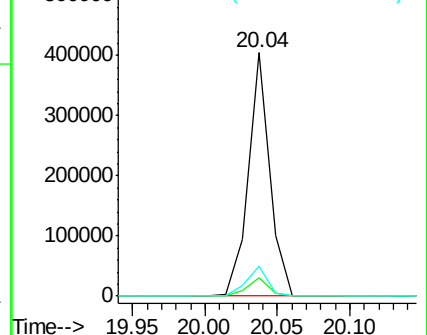
122 12.4 10.1 15.1

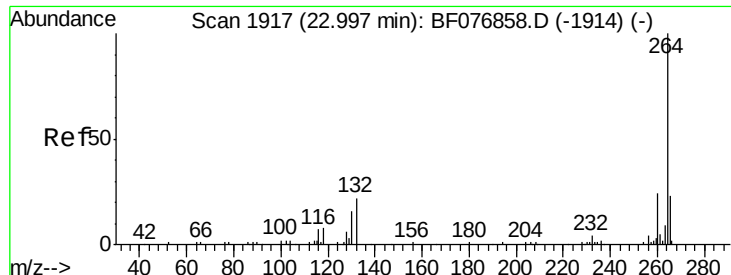


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

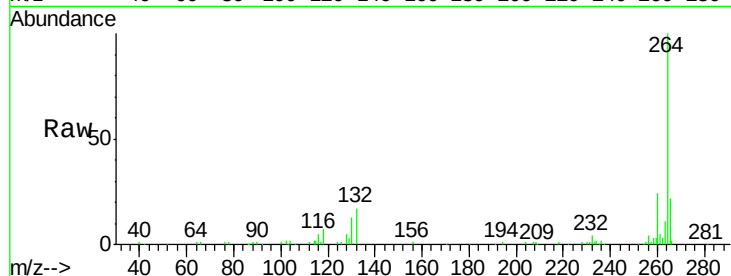




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.95 min Scan# 1913
 Delta R.T. -0.05 min
 Lab File: BF076906.D
 Acq: 16 Jan 2015 5:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.6	18.1	27.1



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

