

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076937.D
 Acq On : 19 Jan 2015 19:25
 Operator : IZ / TP
 Sample : G1110-01
 Misc : W
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 01:20:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	31492	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	129877	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	70116	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	117070	20.00	ng	0.00
75) Chrysene-d12	21.27	240	113878	20.00	ng	0.00
86) Perylene-d12	22.95	264	103220	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	103683	54.13	ng	0.00
7) Phenol-d6	7.37	99	75822	31.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	225898	96.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	86004	151.11	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	466461	101.24	ng	0.00
78) Terphenyl-d14	20.00	244	454955	91.97	ng	0.00

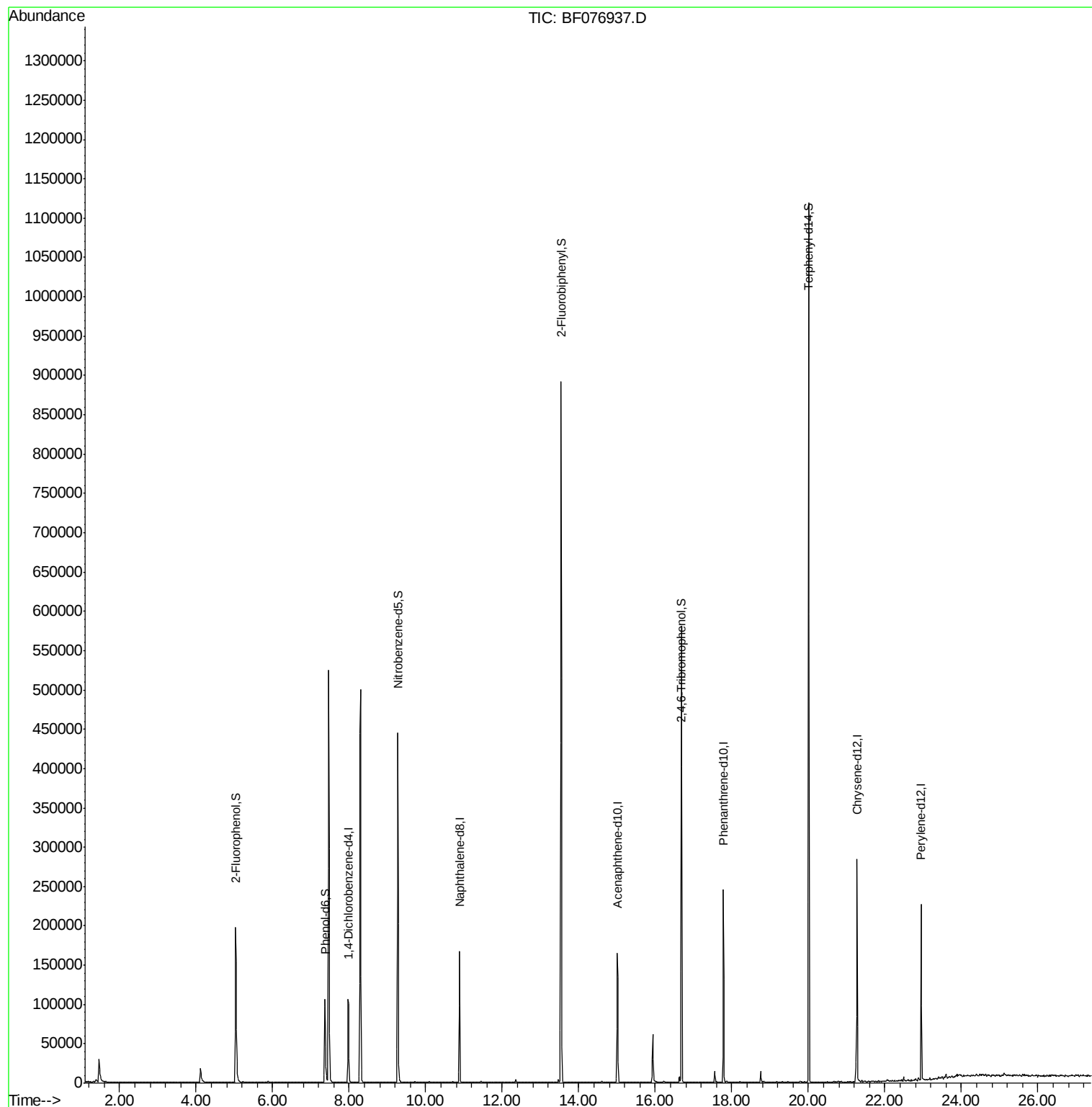
Target Compounds Qvalue

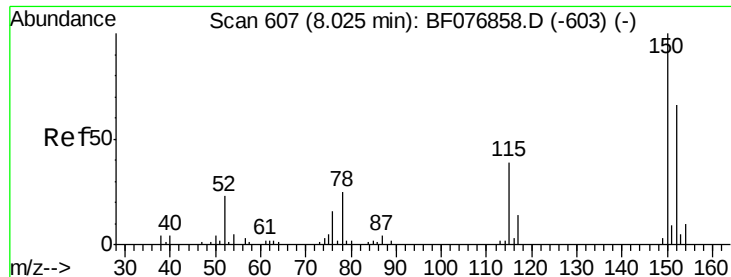
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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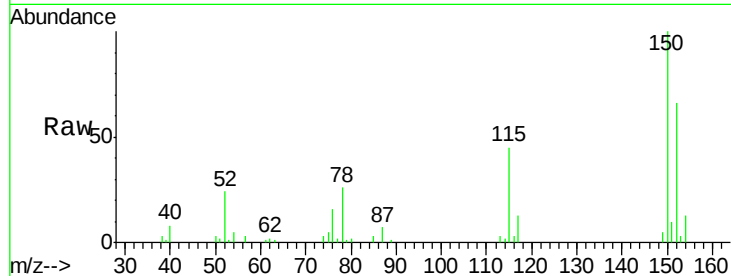


#1

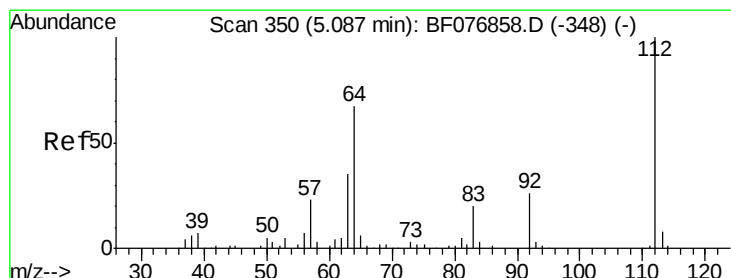
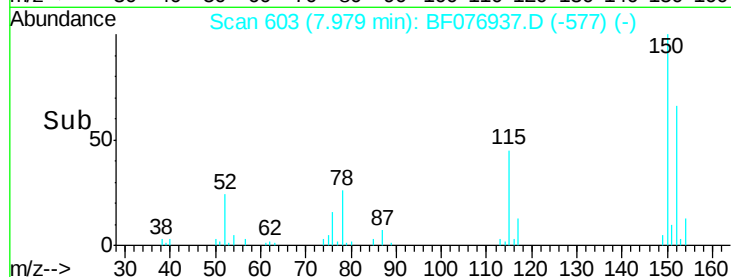
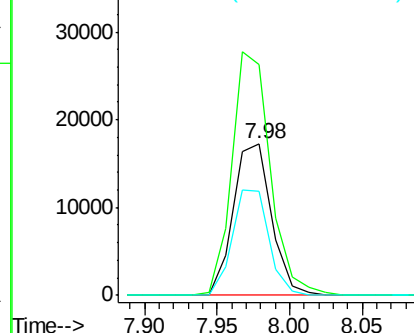
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31492
Ion Ratio Lower Upper
152 100
150 151.8 121.7 182.5
115 68.3 47.0 70.6



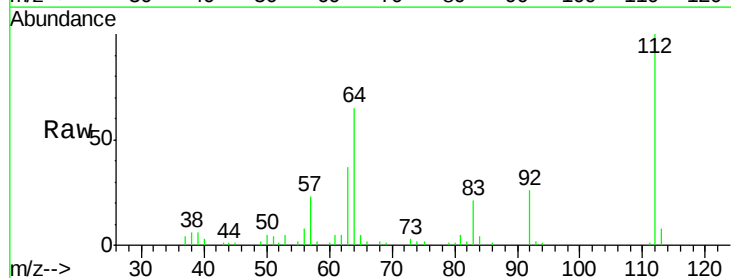
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



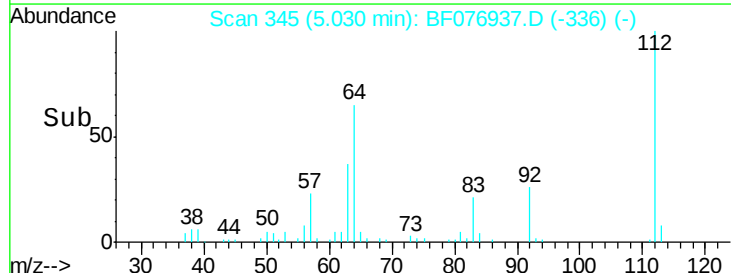
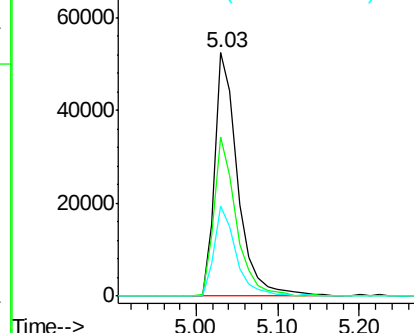
#5

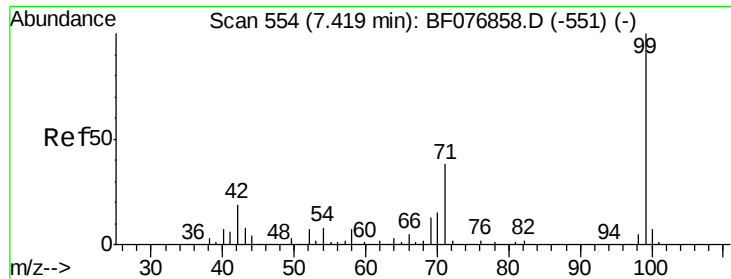
2-Fluorophenol
Concen: 54.13 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076937.D
Acq: 19 Jan 2015 19:25

Tgt Ion:112 Resp: 103683
Ion Ratio Lower Upper
112 100
64 65.2 54.2 81.4
63 37.2 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: 31.38 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076937.D

Acq: 19 Jan 2015 19:25

Instrument :

BNA_F

ClientSampleId :

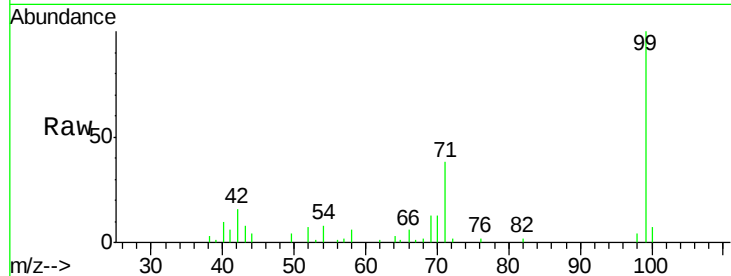
Tot Ion: 99 Resp: 75822

Ion Ratio Lower Upper

99 100

42 16.5 15.0 22.4

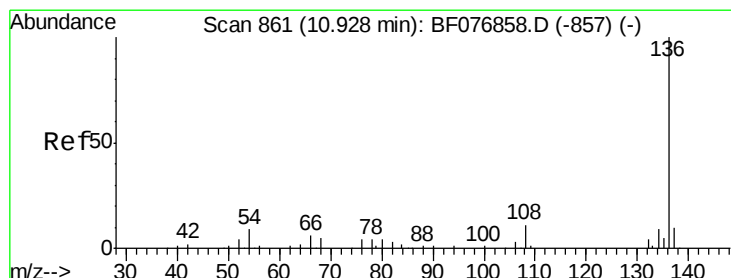
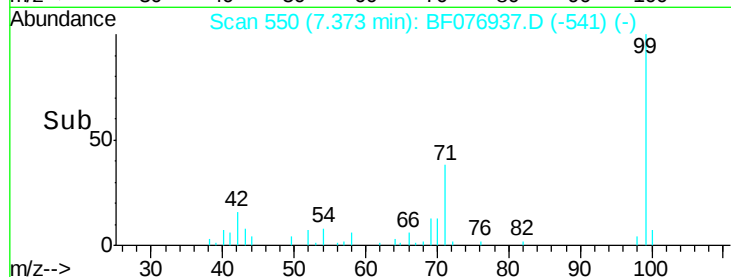
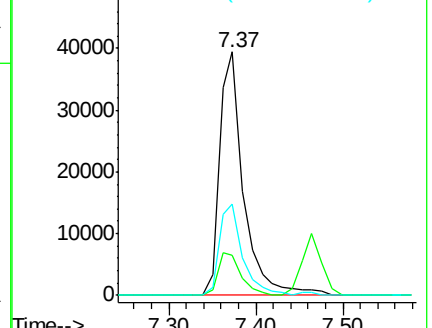
71 37.7 30.5 45.7



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: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076937.D

Acq: 19 Jan 2015 19:25

Tgt Ion: 136 Resp: 129877

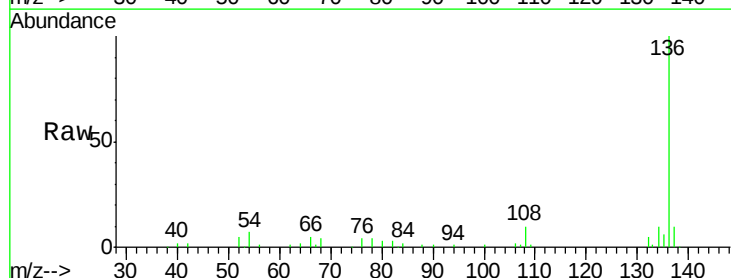
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 7.3 7.0 10.4

68 4.2 3.7 5.5

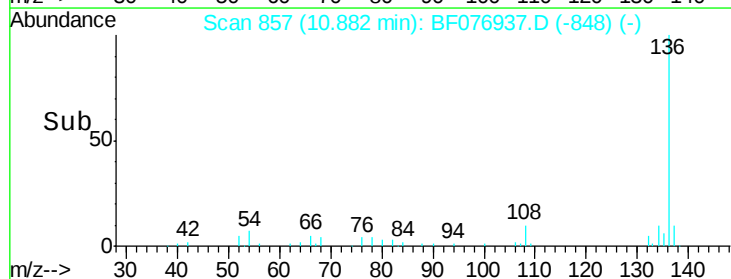
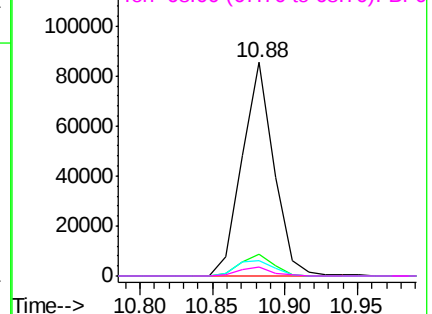


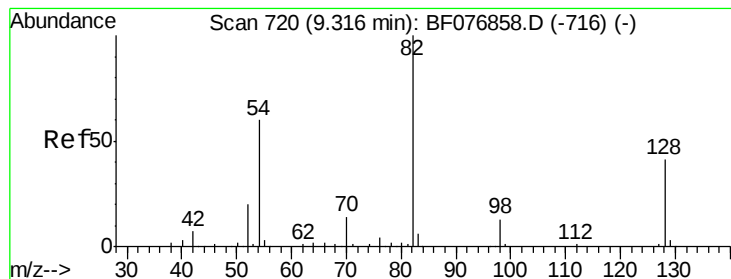
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.36 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076937.D

Acq: 19 Jan 2015 19:25

Instrument :

BNA_F

ClientSampleId :

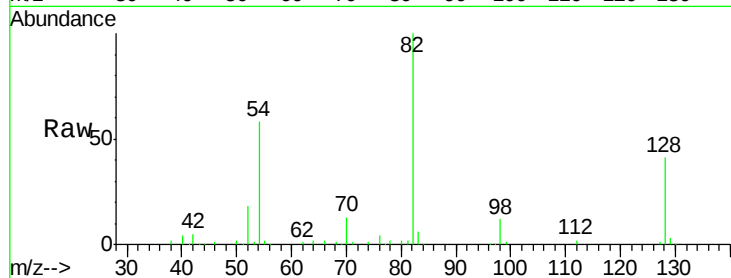
Tot Ion: 82 Resp: 225898

Ion Ratio Lower Upper

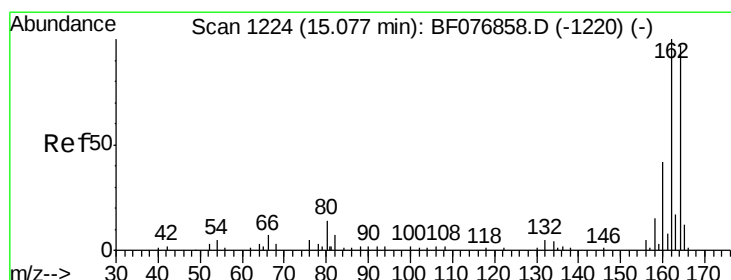
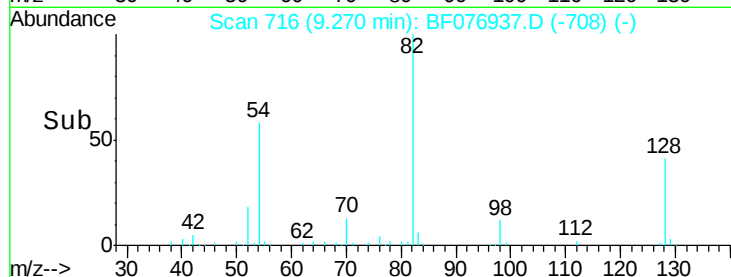
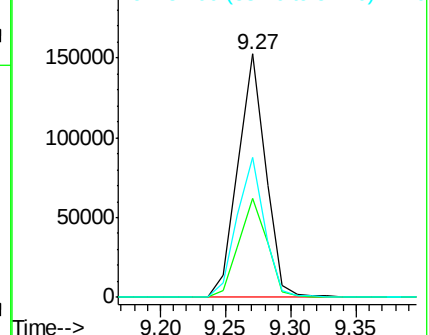
82 100

128 40.8 33.1 49.7

54 57.6 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076937.D

Acq: 19 Jan 2015 19:25

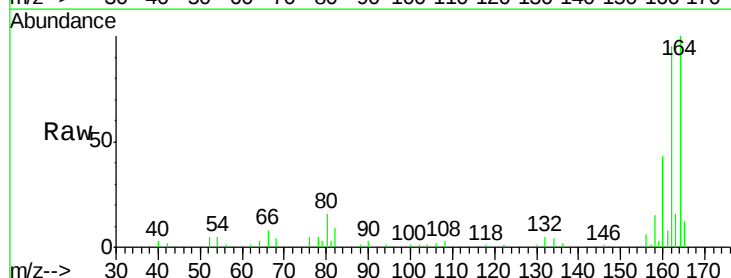
Tgt Ion:164 Resp: 70116

Ion Ratio Lower Upper

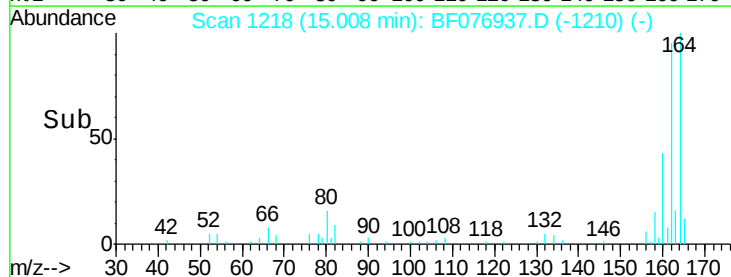
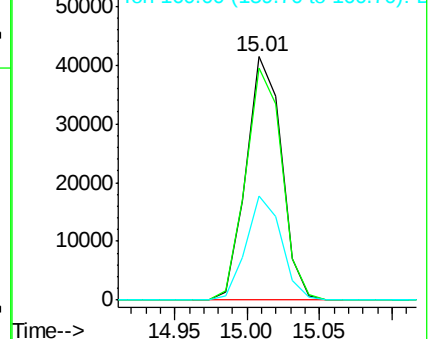
164 100

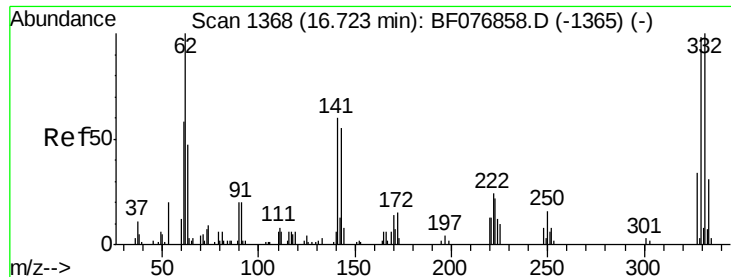
162 95.3 82.4 123.6

160 42.7 34.8 52.2



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





#41

2,4,6-Tribromophenol

Concen: 151.11 ng

RT: 16.69 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF076937.D

Acq: 19 Jan 2015 19:25

Instrument :

BNA_F

ClientSampleId :

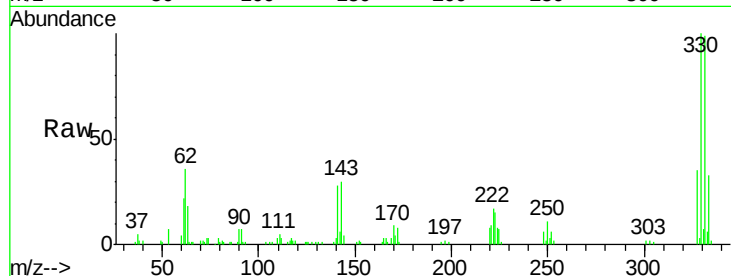
Tot Ion:330 Resp: 86004

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.6

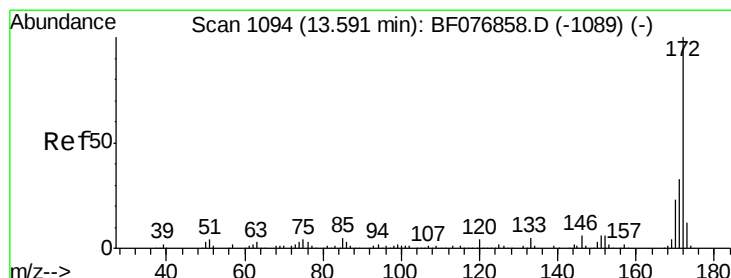
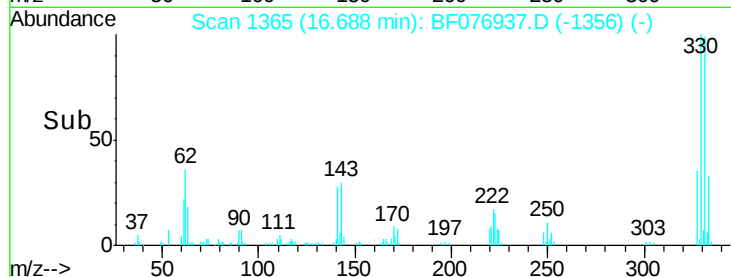
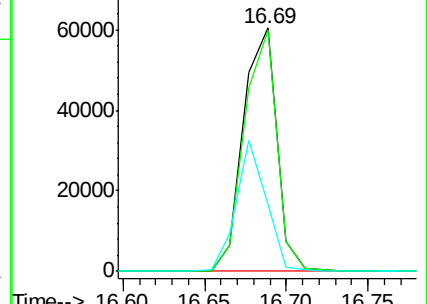
141 48.4 38.5 57.7



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: 101.24 ng

RT: 13.53 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF076937.D

Acq: 19 Jan 2015 19:25

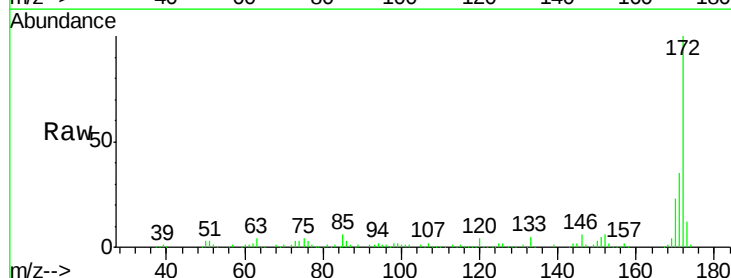
Tgt Ion:172 Resp: 466461

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

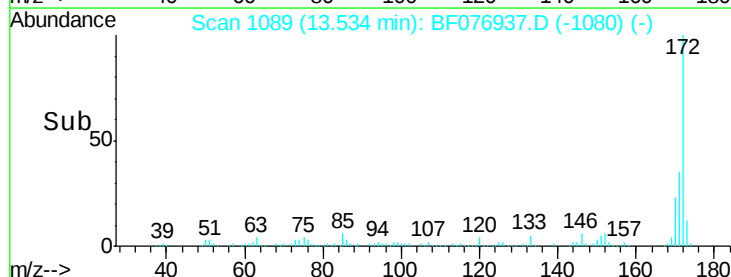
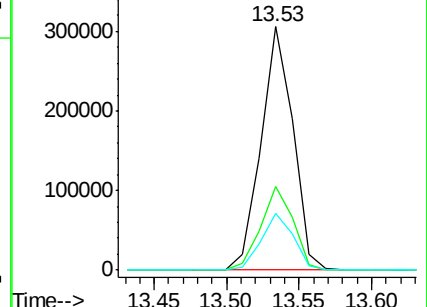
170 23.2 18.0 27.0

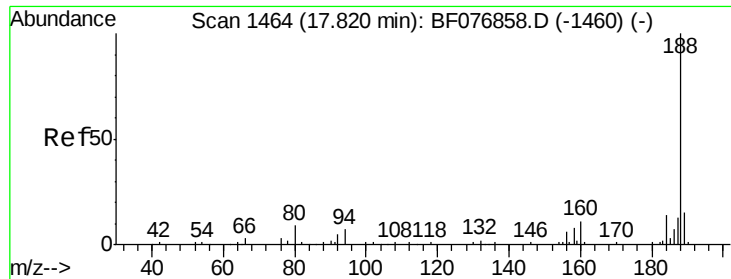


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

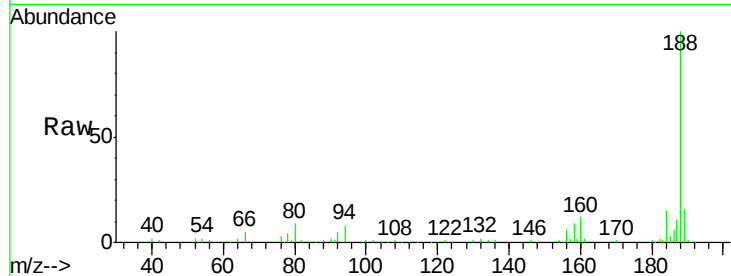




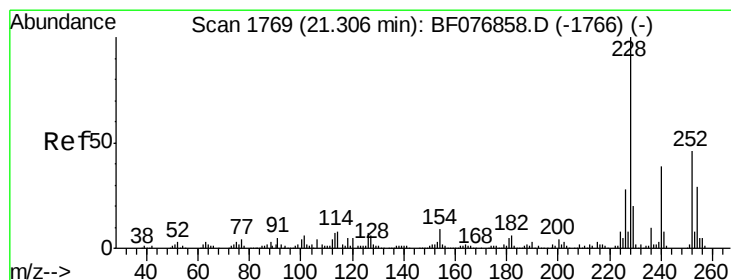
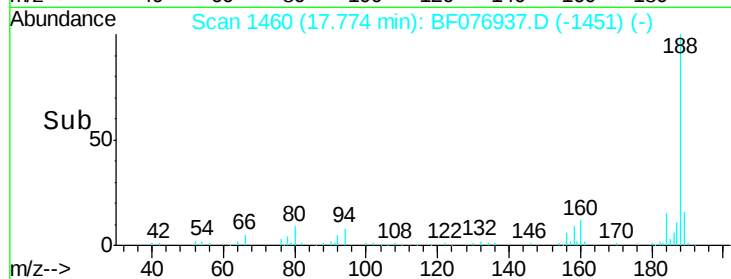
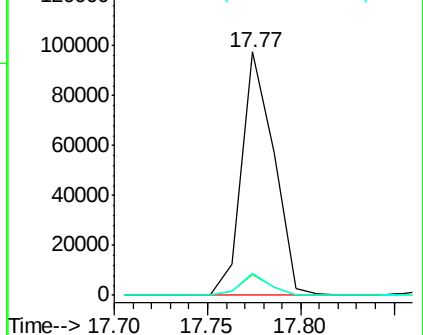
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076937.D
 Acq: 19 Jan 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 117070
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.0 9.0
 80 9.3 6.9 10.3

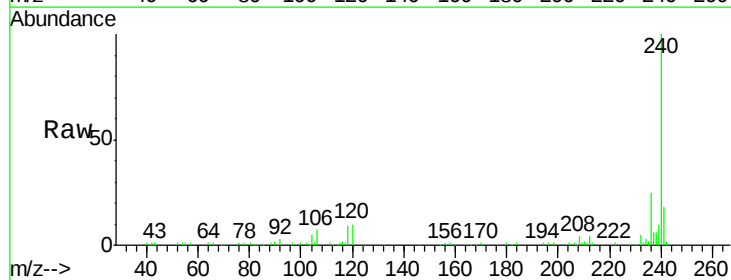


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

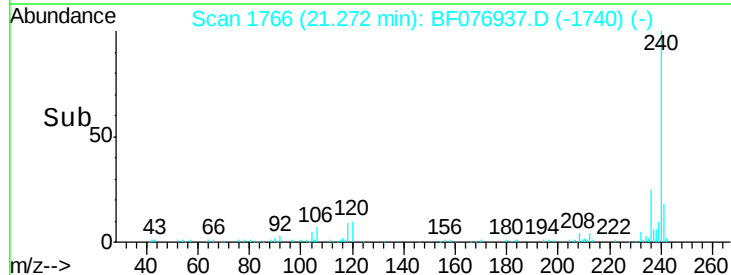
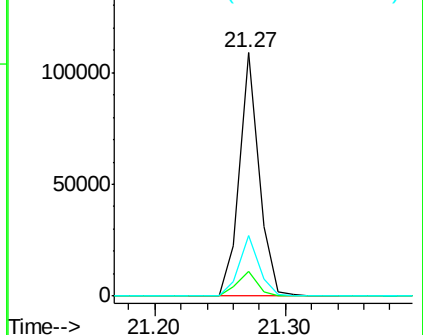


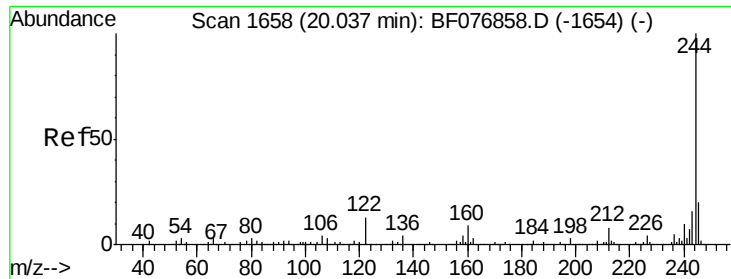
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076937.D
 Acq: 19 Jan 2015 19:25

Tgt Ion:240 Resp: 113878
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.4 15.6#
 236 24.7 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

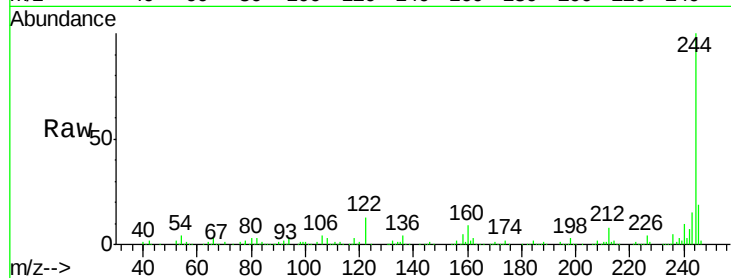




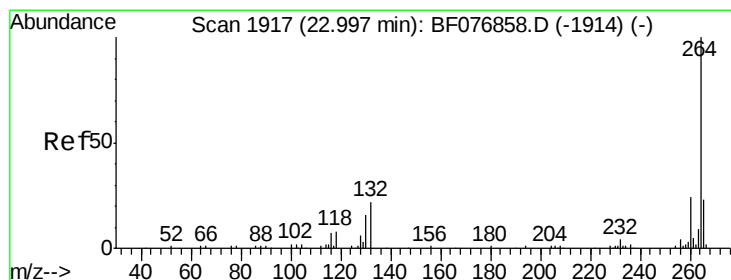
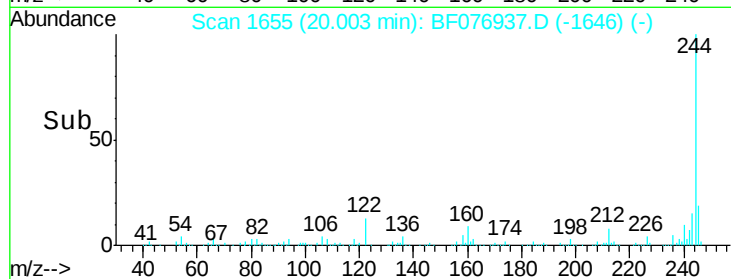
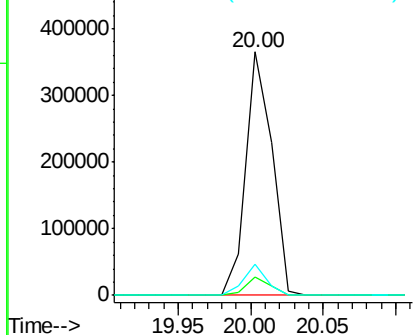
#78
 Terphenyl-d14
 Concen: 91.97 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076937.D
 Acq: 19 Jan 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	13.0	10.1	15.1

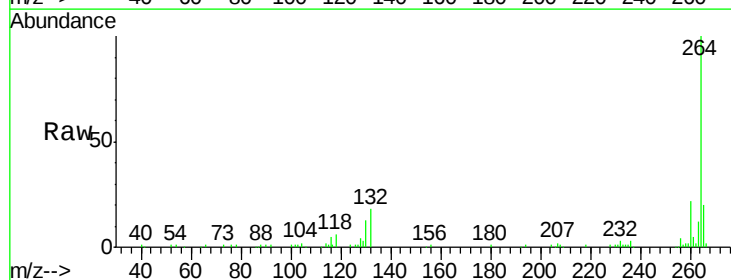


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.95 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: BF076937.D
 Acq: 19 Jan 2015 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	20.5	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

