

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076935.D
 Acq On : 19 Jan 2015 18:16
 Operator : IZ / TP
 Sample : G1101-24
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Quant Time: Jan 20 01:06:16 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	7.97	152	32976	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	132760	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	73277	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	119648	20.00	ng	0.00
75) Chrysene-d12	21.27	240	118575	20.00	ng	0.00
86) Perylene-d12	22.94	264	106324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	103766	51.74	ng	0.00
7) Phenol-d6	7.37	99	77915	30.79	ng	0.00
23) Nitrobenzene-d5	9.27	82	219160	91.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	81862	137.63	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	449396	93.33	ng	0.00
78) Terphenyl-d14	20.00	244	456079	88.55	ng	0.00

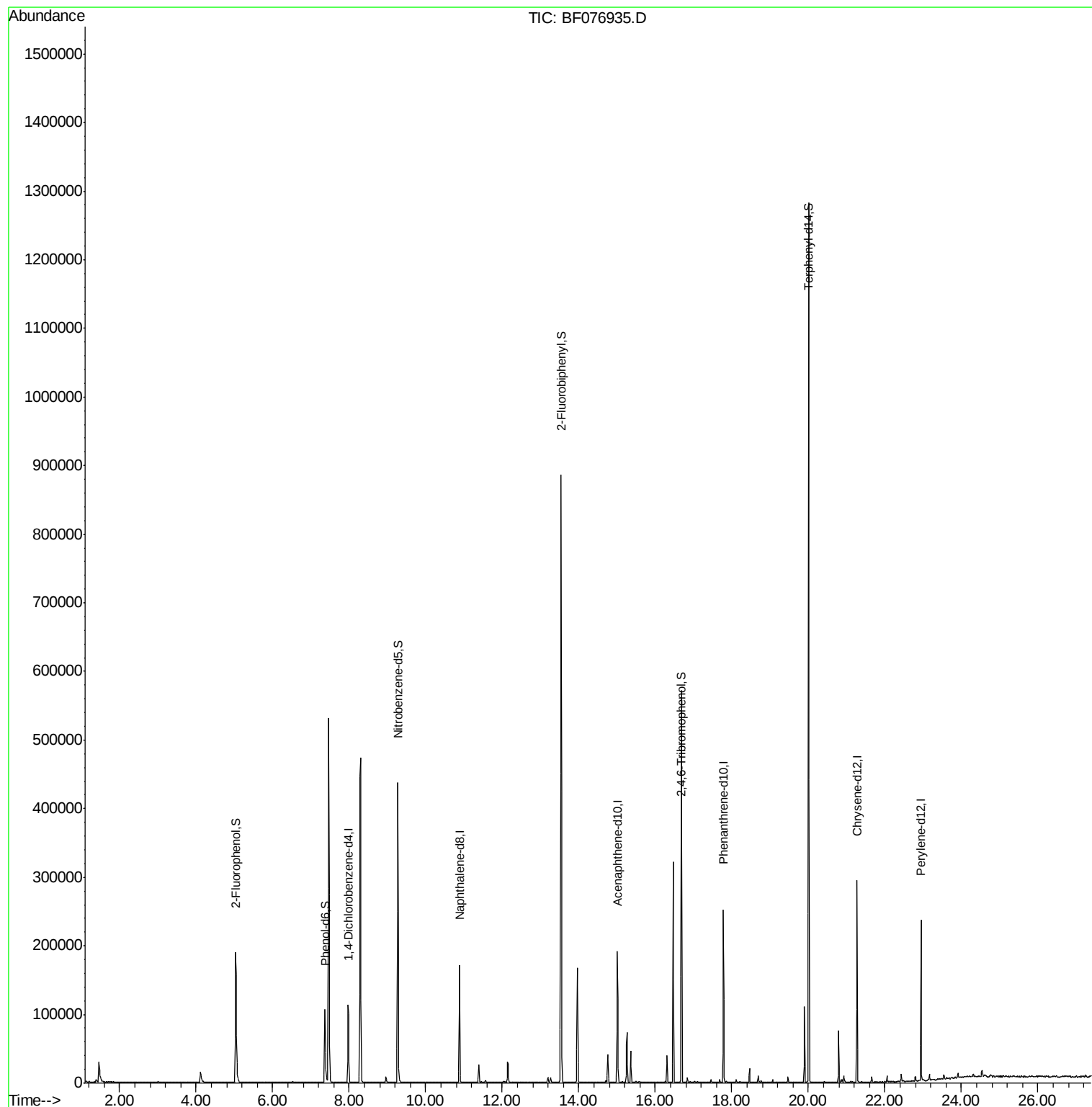
Target Compounds Qvalue

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

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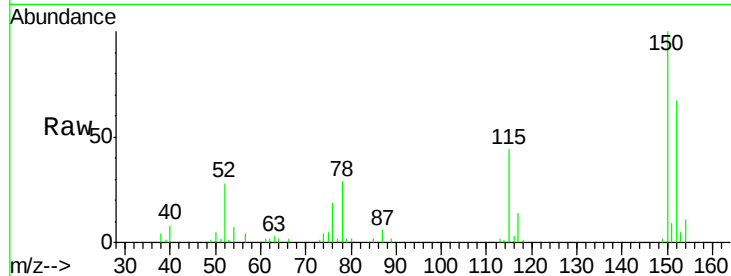


#1

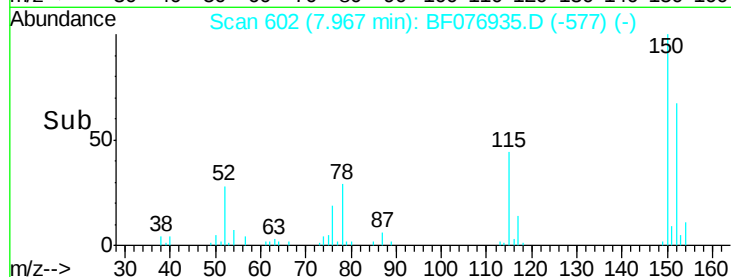
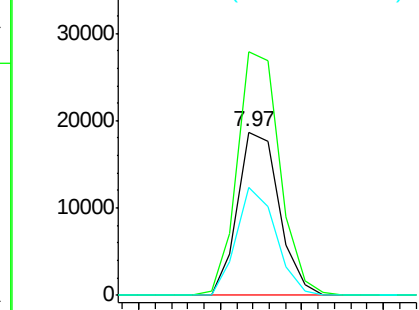
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076935.D
Acq: 19 Jan 2015 18:16

Instrument :
BNA_F
ClientSampleId :
FB-2

Tot Ion:152 Resp: 32976
Ion Ratio Lower Upper
152 100
150 149.3 121.7 182.5
115 66.2 47.0 70.6



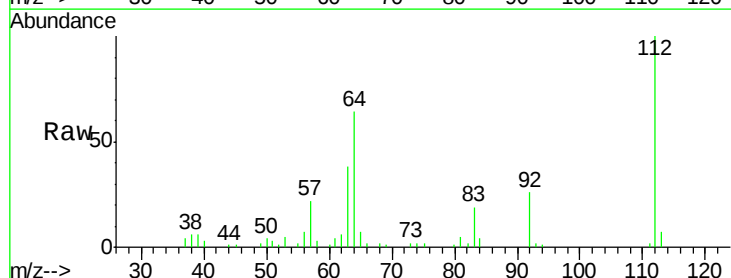
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



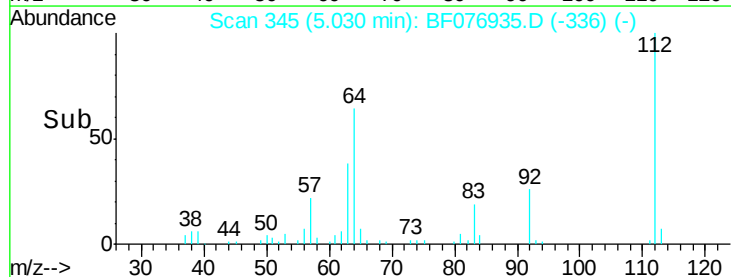
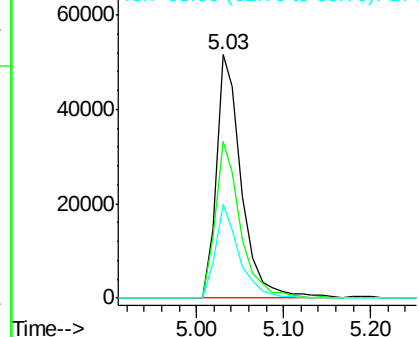
#5

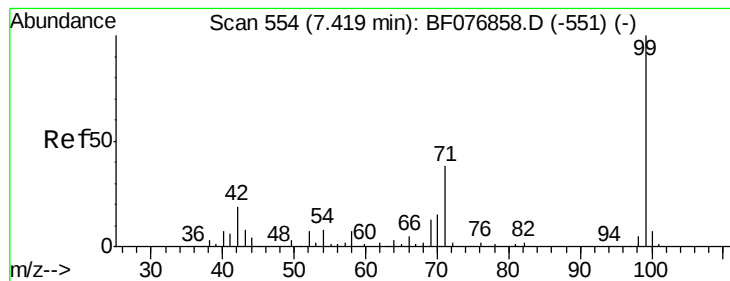
2-Fluorophenol
Concen: 51.74 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076935.D
Acq: 19 Jan 2015 18:16

Tgt Ion:112 Resp: 103766
Ion Ratio Lower Upper
112 100
64 64.4 54.2 81.4
63 38.3 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: 30.79 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076935.D

Acq: 19 Jan 2015 18:16

Instrument :

BNA_F

ClientSampleId :

FB-2

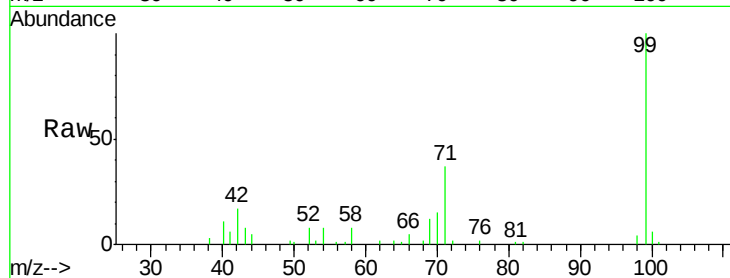
Tot Ion: 99 Resp: 77915

Ion Ratio Lower Upper

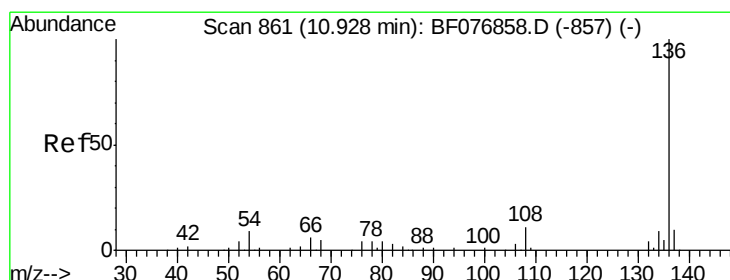
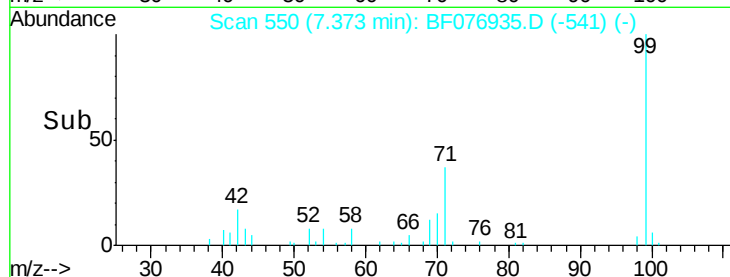
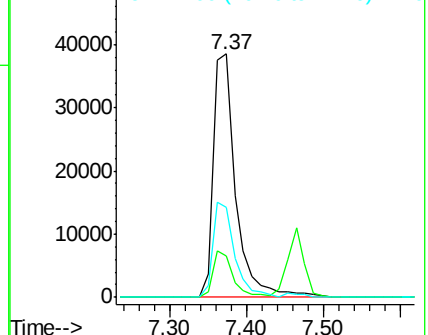
99 100

42 16.9 15.0 22.4

71 36.8 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: BF076935.D

Acq: 19 Jan 2015 18:16

Tgt Ion: 136 Resp: 132760

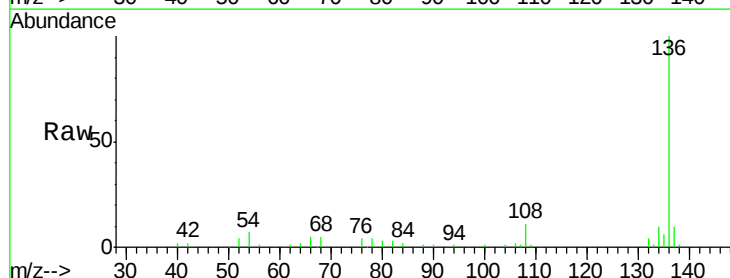
Ion Ratio Lower Upper

136 100

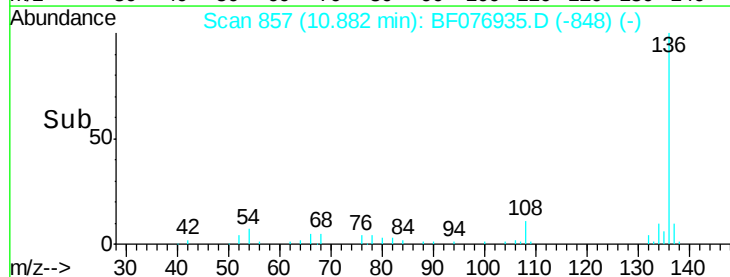
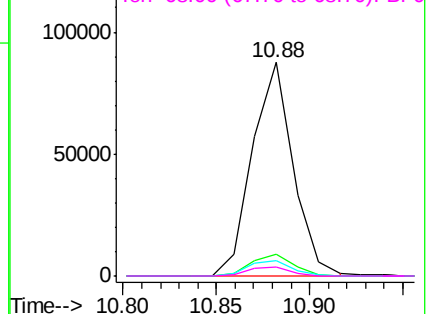
137 10.0 8.1 12.1

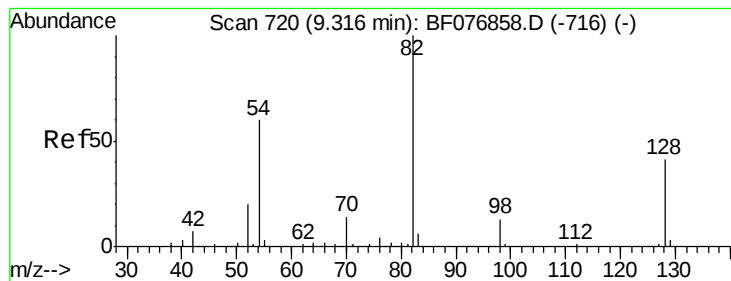
54 7.4 7.0 10.4

68 4.5 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: 91.46 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076935.D

Acq: 19 Jan 2015 18:16

Instrument :

BNA_F

ClientSampleId :

FB-2

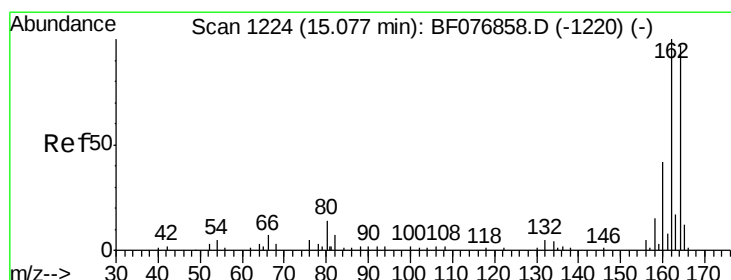
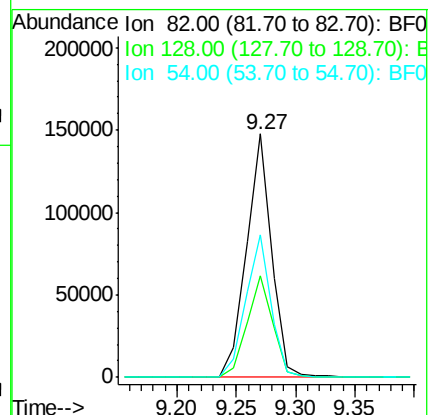
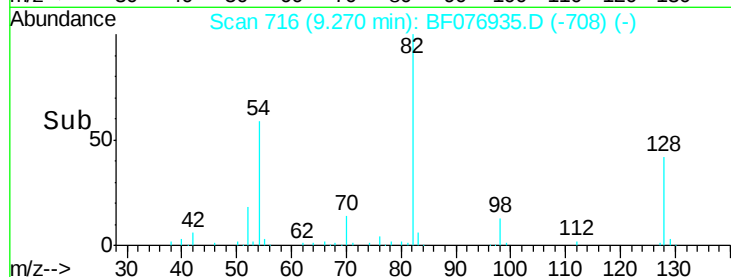
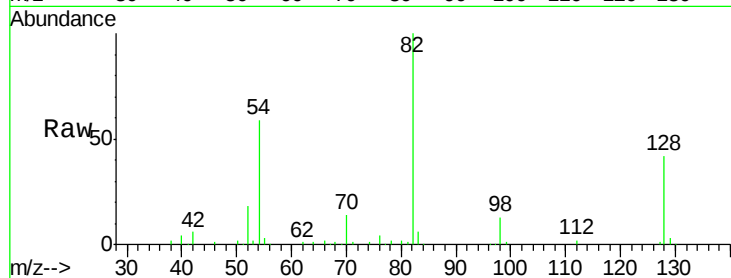
Tot Ion: 82 Resp: 219160

Ion Ratio Lower Upper

82 100

128 41.8 33.1 49.7

54 58.7 48.3 72.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076935.D

Acq: 19 Jan 2015 18:16

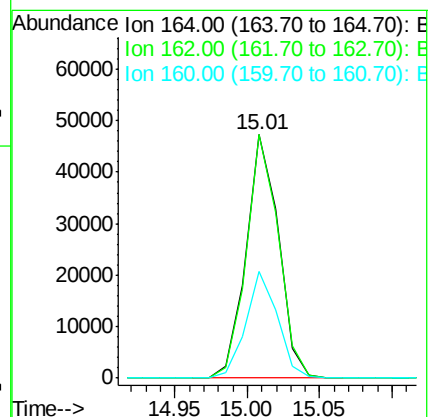
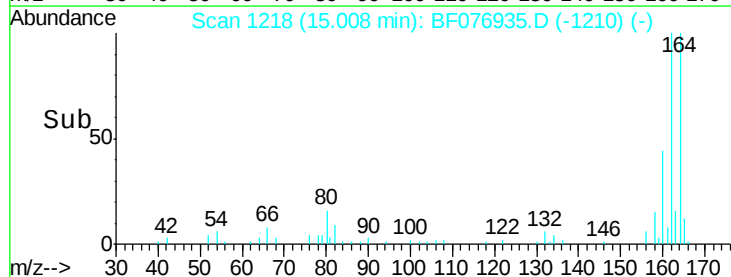
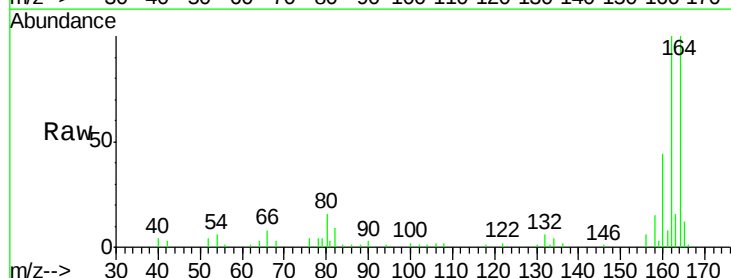
Tgt Ion: 164 Resp: 73277

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

160 43.7 34.8 52.2

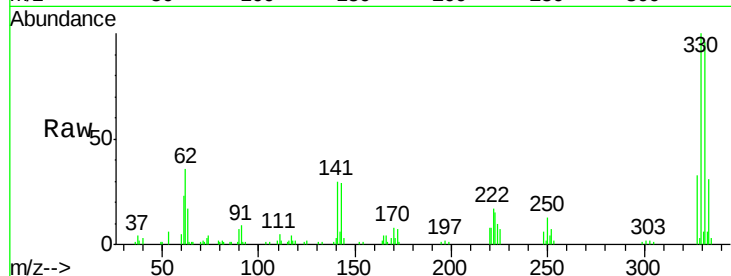




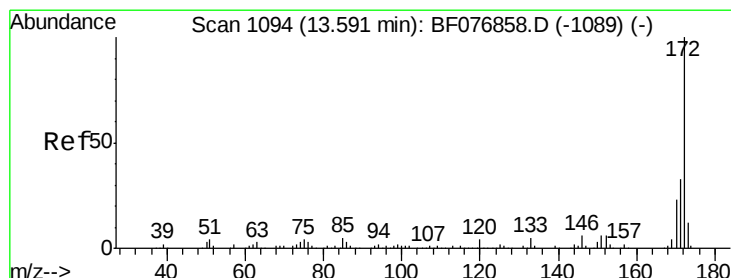
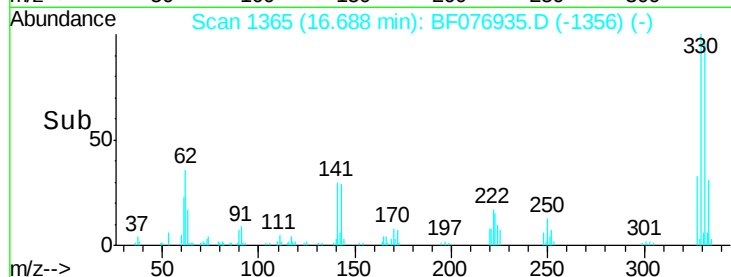
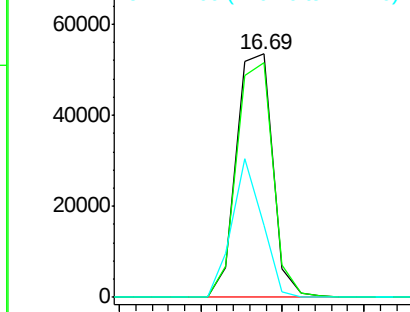
#41
 2,4,6-Tribromophenol
 Concen: 137.63 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076935.D
 Acq: 19 Jan 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Tot Ion:330 Resp: 81862
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 48.0 38.5 57.7

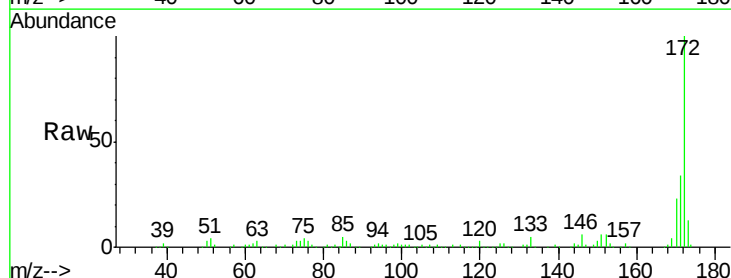


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

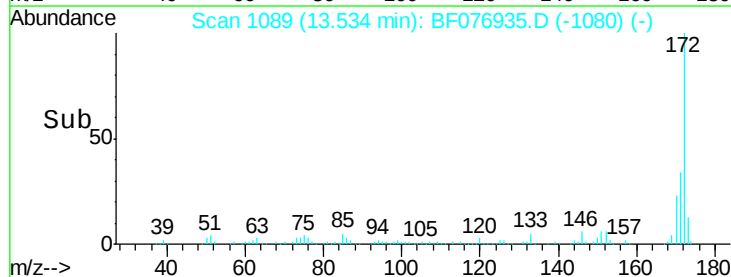
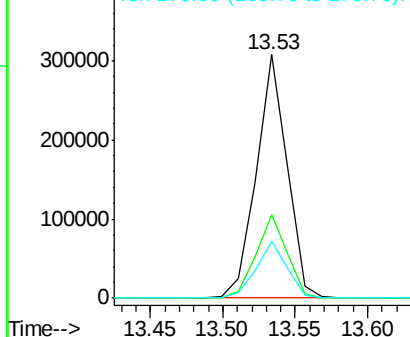


#44
 2-Fluorobiphenyl
 Concen: 93.33 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076935.D
 Acq: 19 Jan 2015 18:16

Tgt Ion:172 Resp: 449396
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.6 40.0
 170 23.3 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: BF076935.D

Acq: 19 Jan 2015 18:16

Instrument :

BNA_F

ClientSampleId :

FB-2

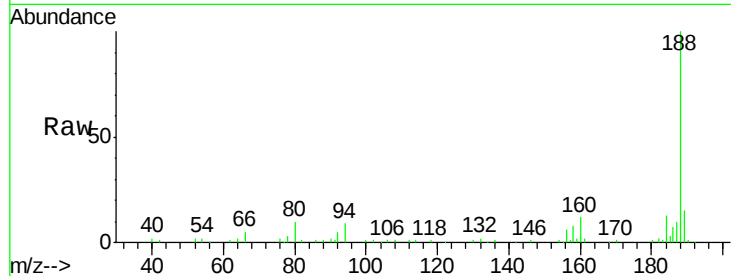
Tot Ion:188 Resp: 119648

Ion Ratio Lower Upper

188 100

94 9.0 6.0 9.0#

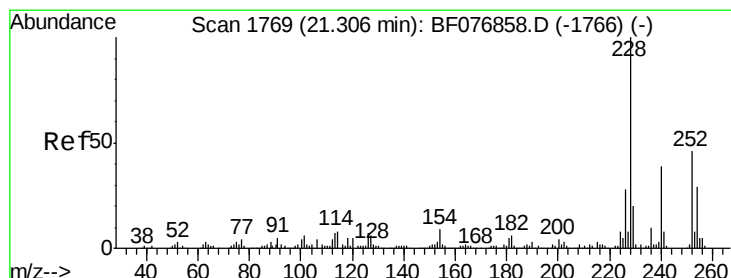
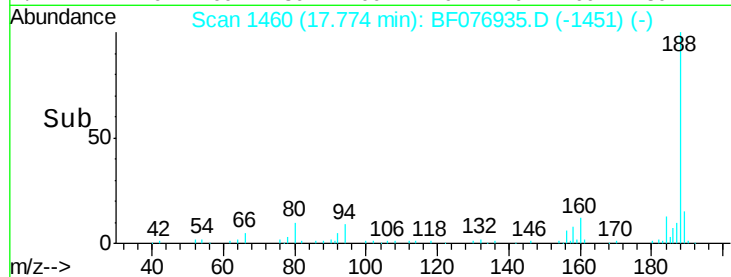
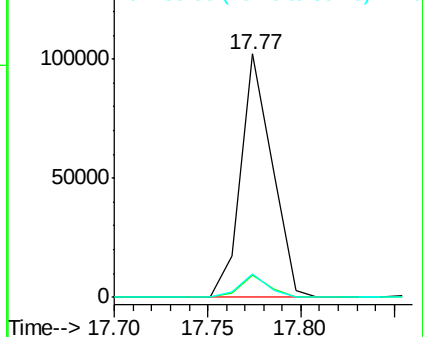
80 9.6 6.9 10.3



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: BF076935.D

Acq: 19 Jan 2015 18:16

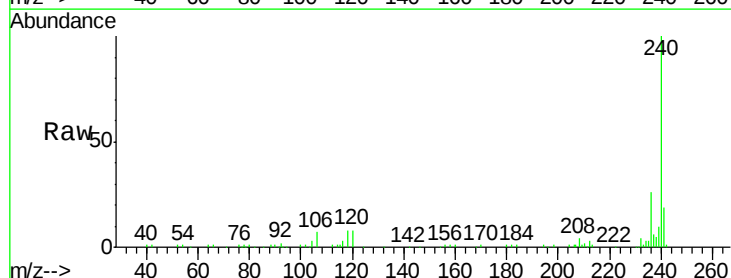
Tgt Ion:240 Resp: 118575

Ion Ratio Lower Upper

240 100

120 8.2 10.4 15.6#

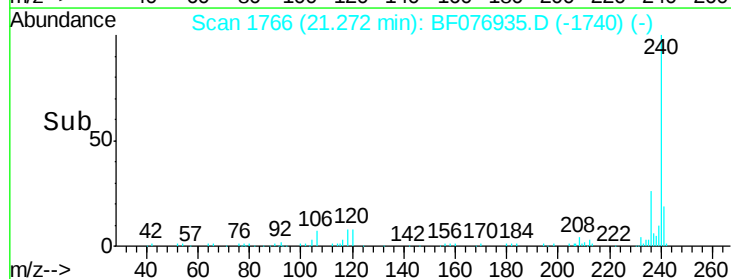
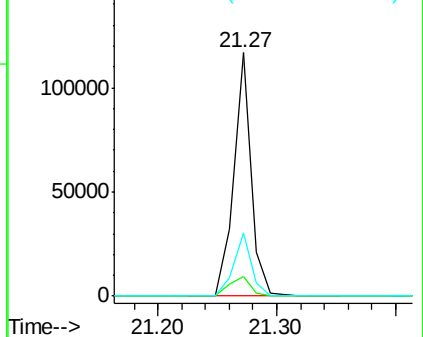
236 25.9 20.2 30.2



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

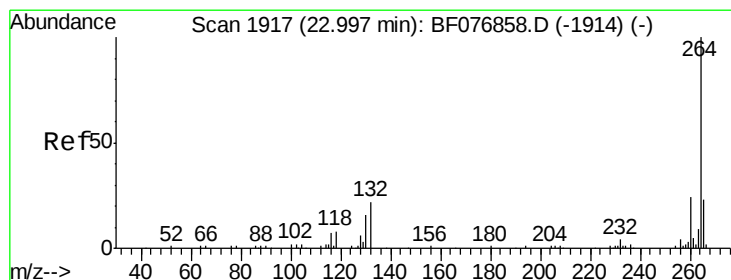
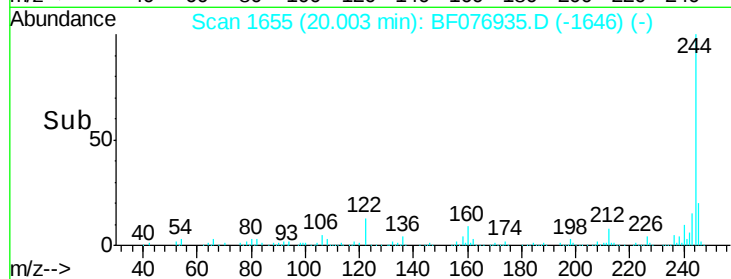
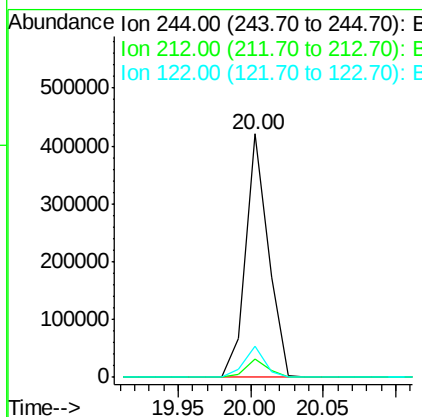
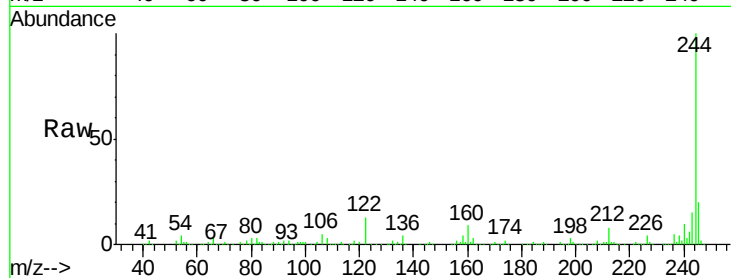




#78
 Terphenyl-d14
 Concen: 88.55 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076935.D
 Acq: 19 Jan 2015 18:16

Instrument :
 BNA_F
 ClientSampled :
 FB-2

Tot Ion:244 Resp: 456079
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 12.7 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.94 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF076935.D
 Acq: 19 Jan 2015 18:16

Tgt Ion:264 Resp: 106324
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.0 28.4
 265 20.3 18.1 27.1

