

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076939.D
 Acq On : 19 Jan 2015 20:34
 Operator : IZ / TP
 Sample : G1110-03
 Misc : W
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 01:33:36 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	30513	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	127426	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	65403	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	112736	20.00	ng	0.00
75) Chrysene-d12	21.27	240	110745	20.00	ng	0.00
86) Perylene-d12	22.92	264	100089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	91960	49.55	ng	0.00
7) Phenol-d6	7.37	99	68646	29.32	ng	0.00
23) Nitrobenzene-d5	9.27	82	207839	90.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	81055	152.68	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	429175	99.86	ng	0.00
78) Terphenyl-d14	20.00	244	410831	85.40	ng	0.00

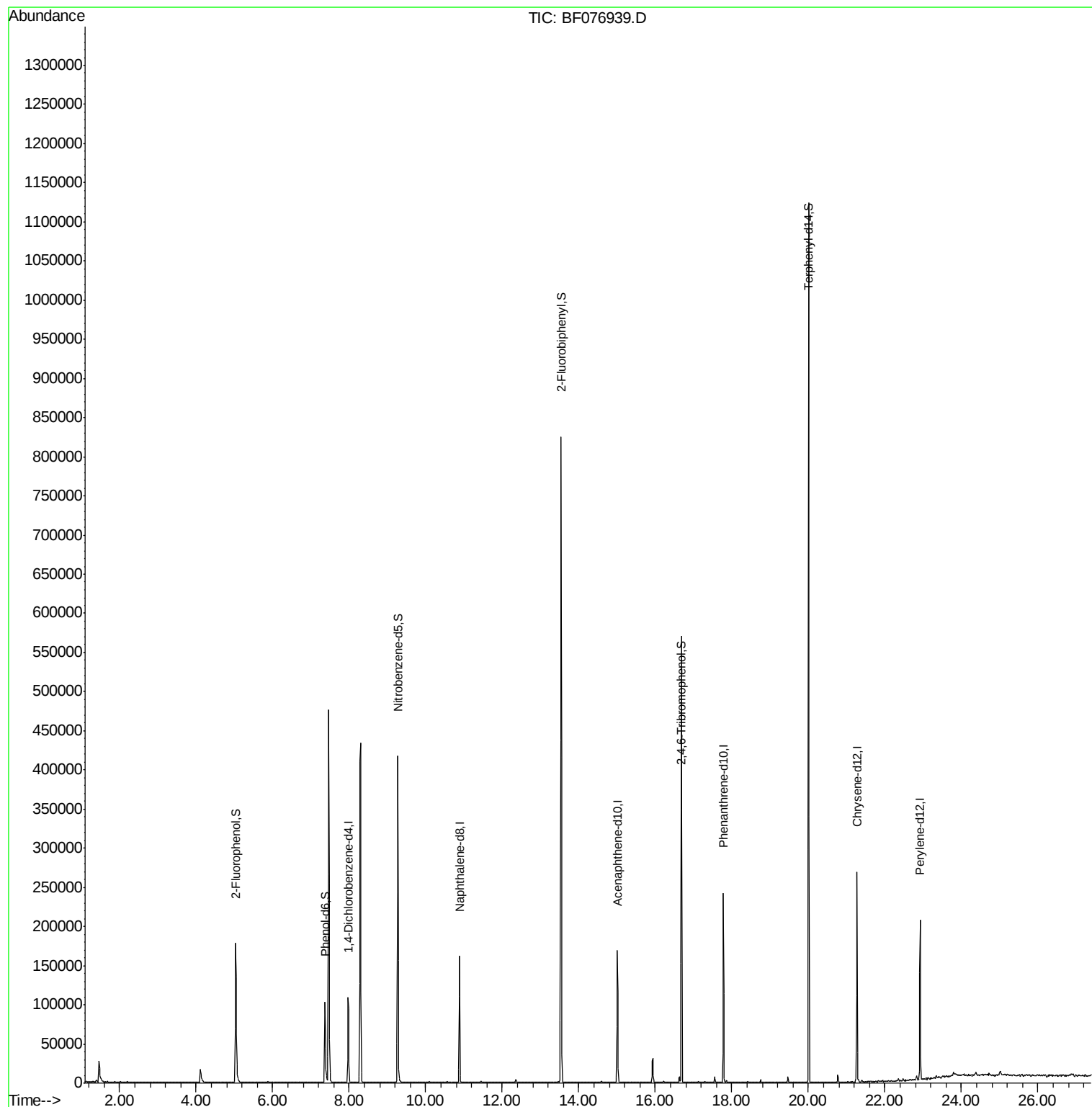
Target Compounds Qvalue

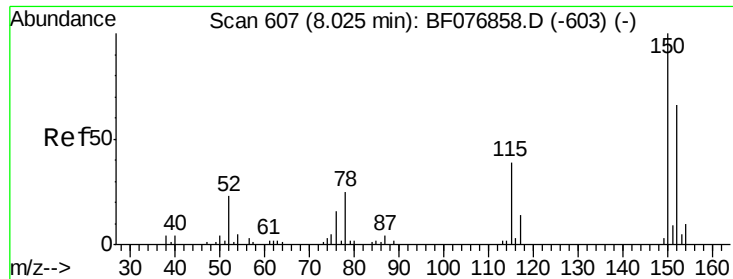
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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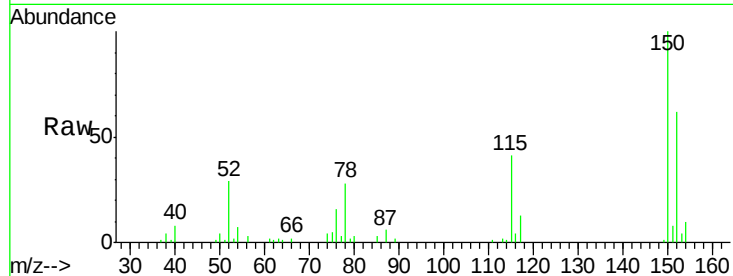


#1

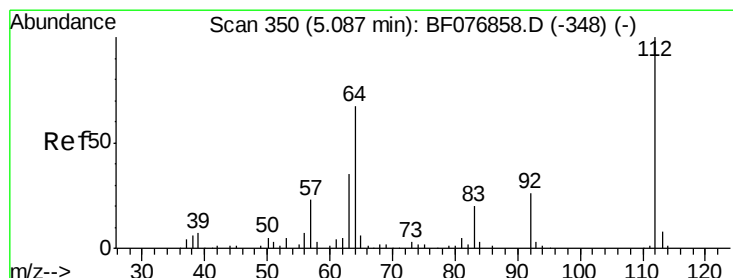
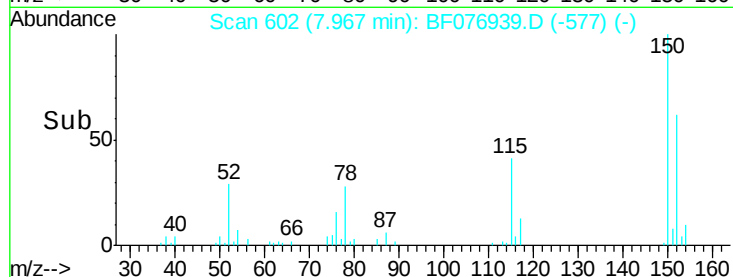
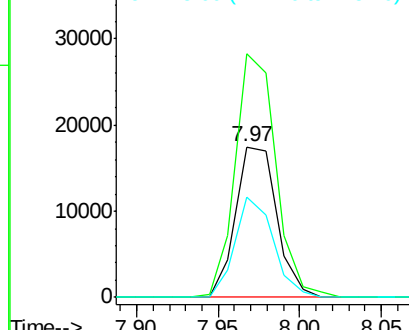
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076939.D
Acq: 19 Jan 2015 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30513
Ion Ratio Lower Upper
152 100
150 162.0 121.7 182.5
115 66.5 47.0 70.6



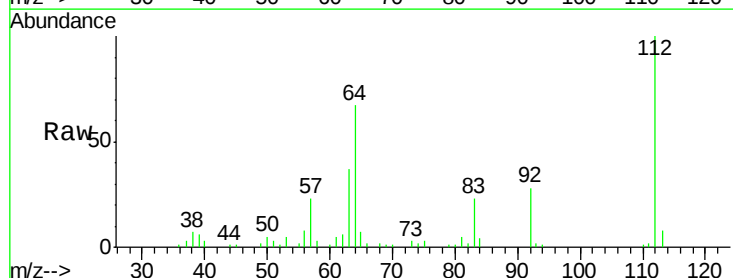
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



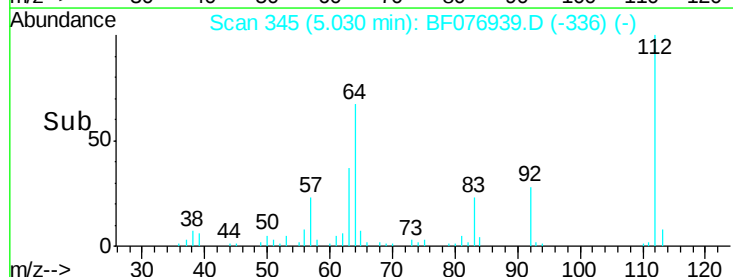
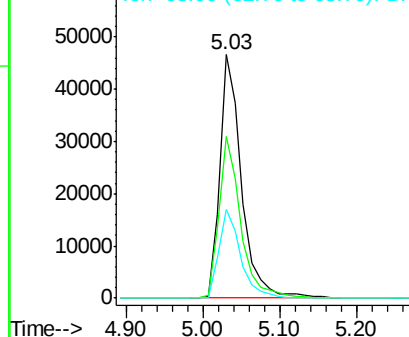
#5

2-Fluorophenol
Concen: 49.55 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076939.D
Acq: 19 Jan 2015 20:34

Tgt Ion:112 Resp: 91960
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.5 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: 29.32 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076939.D

Acq: 19 Jan 2015 20:34

Instrument :

BNA_F

ClientSampled :

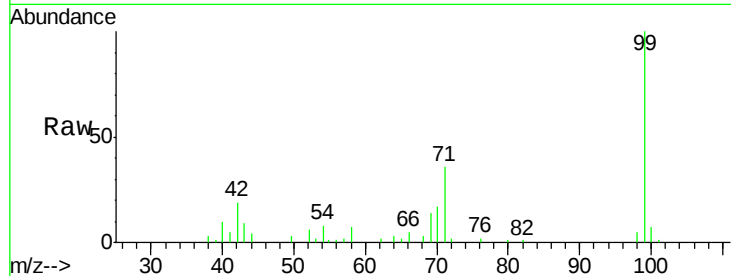
Tot Ion: 99 Resp: 68646

Ion Ratio Lower Upper

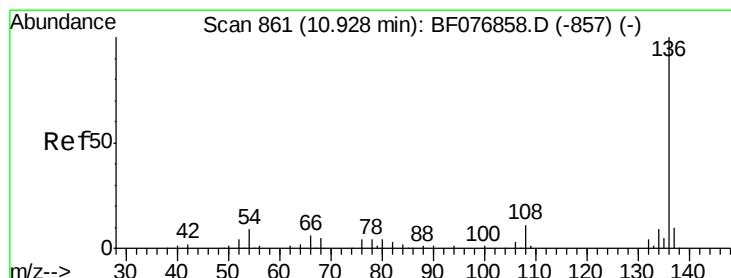
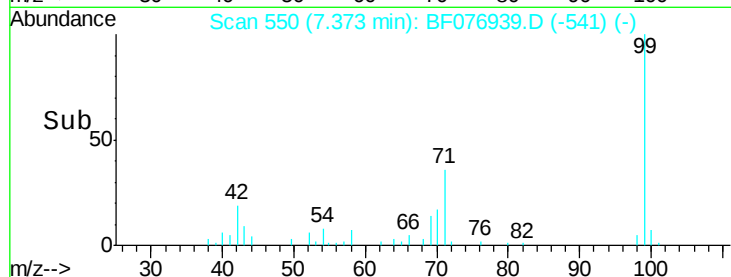
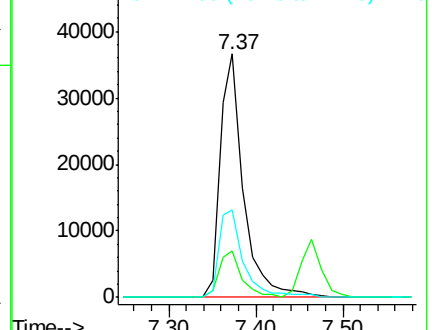
99 100

42 19.1 15.0 22.4

71 36.1 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: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076939.D

Acq: 19 Jan 2015 20:34

Tgt Ion: 136 Resp: 127426

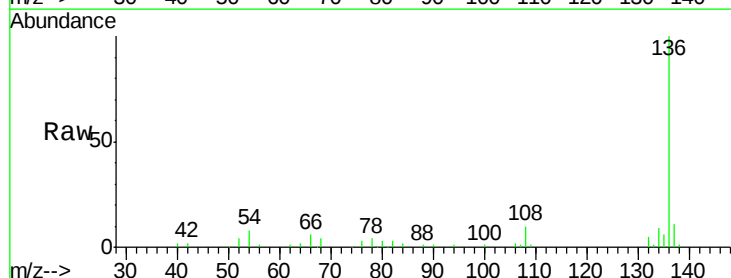
Ion Ratio Lower Upper

136 100

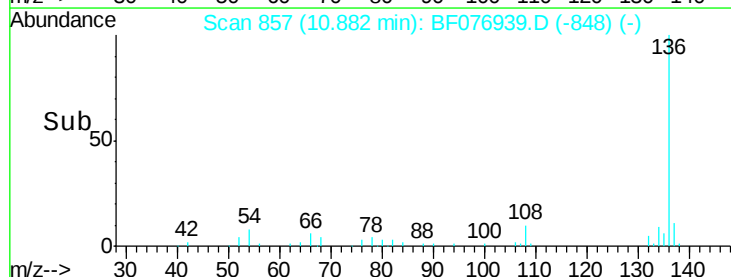
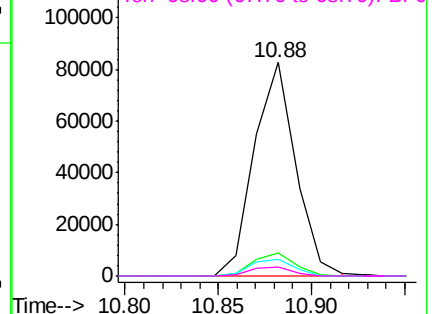
137 10.6 8.1 12.1

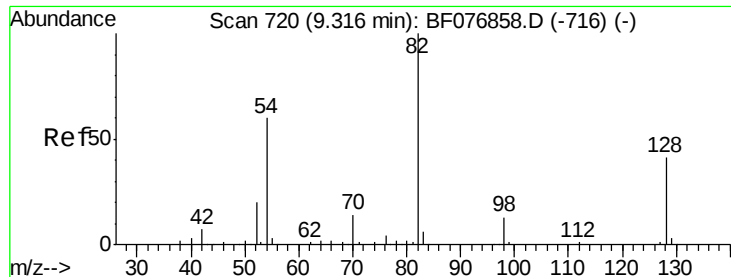
54 7.7 7.0 10.4

68 4.1 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

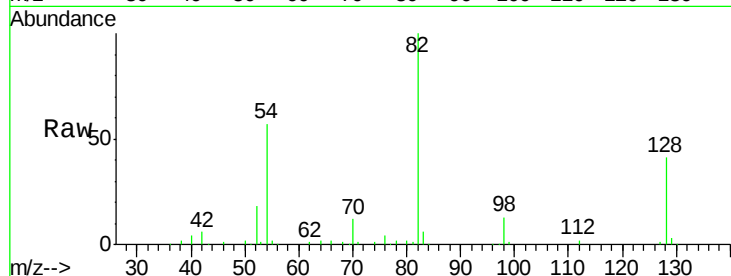




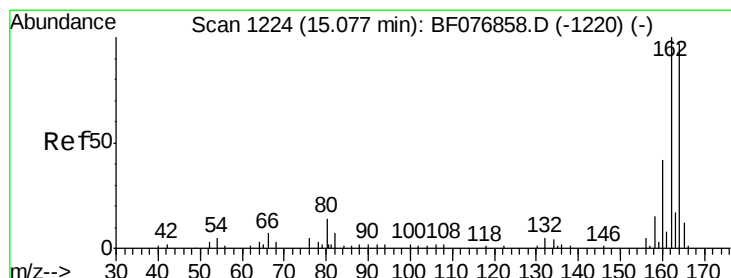
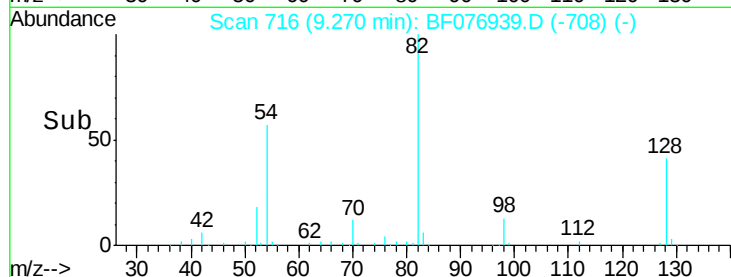
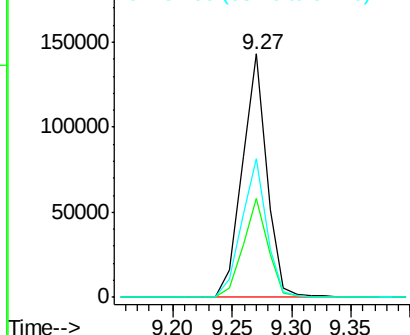
#23
 Nitrobenzene-d5
 Concen: 90.36 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076939.D
 Acq: 19 Jan 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	207839
Ion Ratio	100	Lower	Upper
128	40.8	33.1	49.7
54	56.9	48.3	72.5

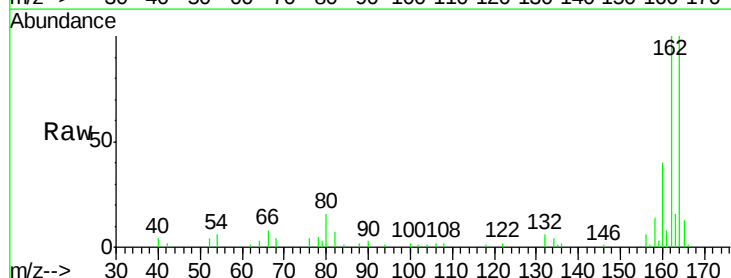


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

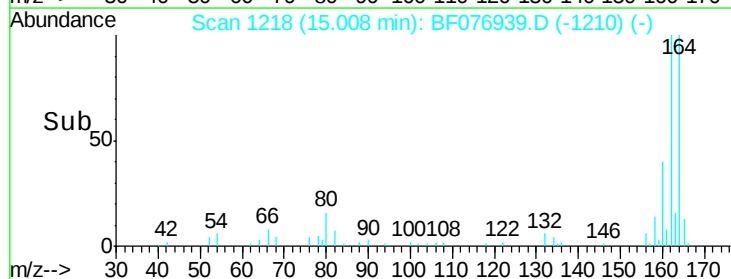
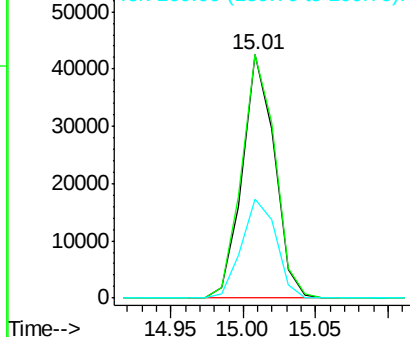


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076939.D
 Acq: 19 Jan 2015 20:34

Tgt Ion	164	Resp	65403
Ion Ratio	100	Lower	Upper
162	100.2	82.4	123.6
160	40.5	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: 152.68 ng

RT: 16.69 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF076939.D

Acq: 19 Jan 2015 20:34

Instrument :

BNA_F

ClientSampleId :

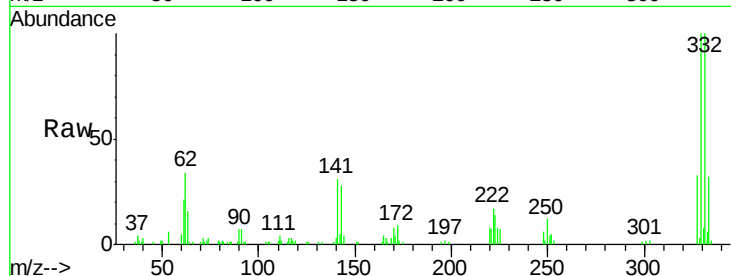
Tot Ion:330 Resp: 81055

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

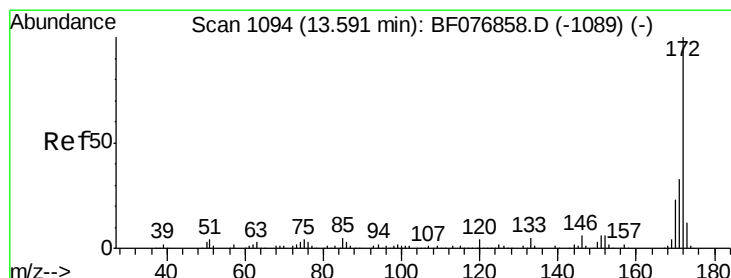
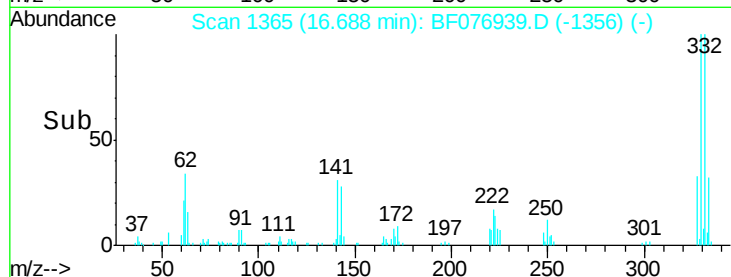
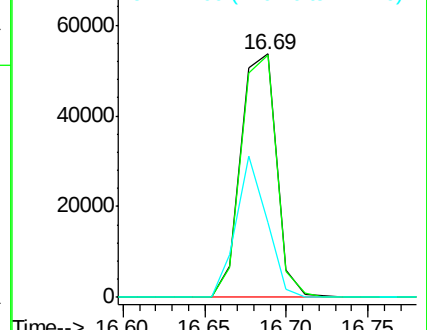
141 49.7 38.5 57.7



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



#44

2-Fluorobiphenyl

Concen: 99.86 ng

RT: 13.53 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF076939.D

Acq: 19 Jan 2015 20:34

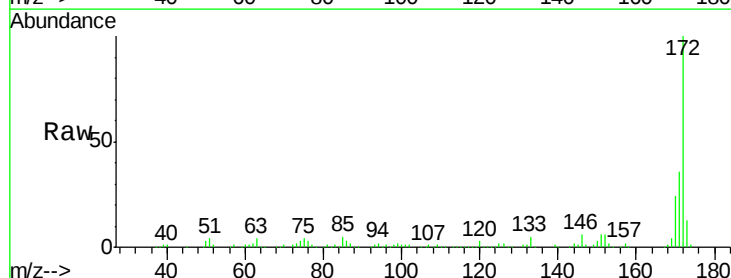
Tgt Ion:172 Resp: 429175

Ion Ratio Lower Upper

172 100

171 36.3 26.6 40.0

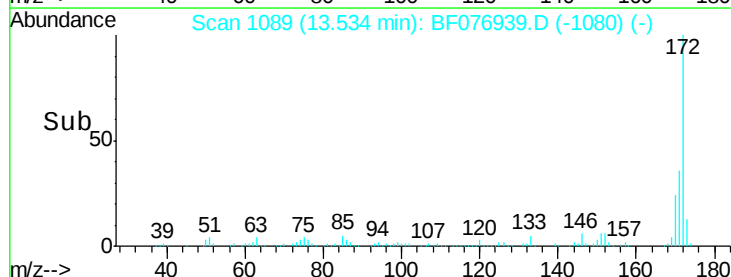
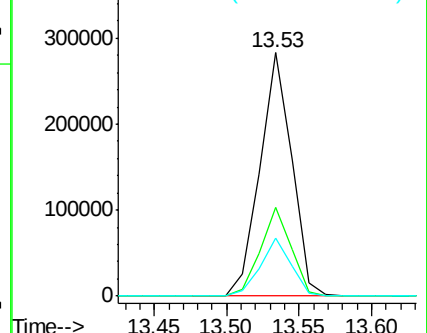
170 23.7 18.0 27.0



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

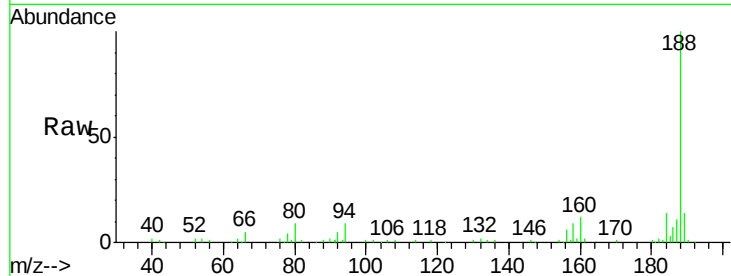




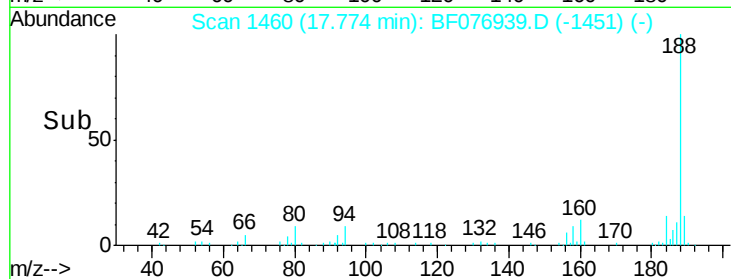
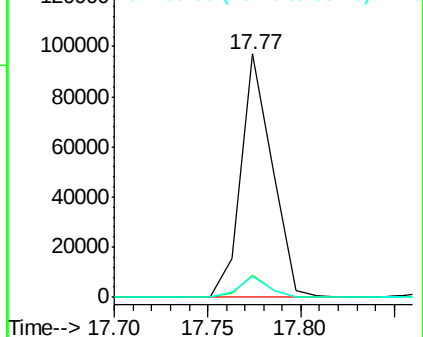
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076939.D
Acq: 19 Jan 2015 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 112736
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 8.8 6.9 10.3

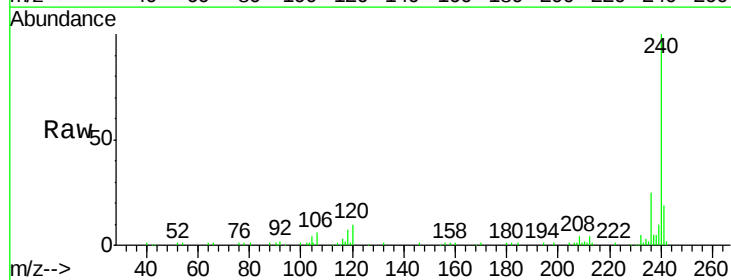


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

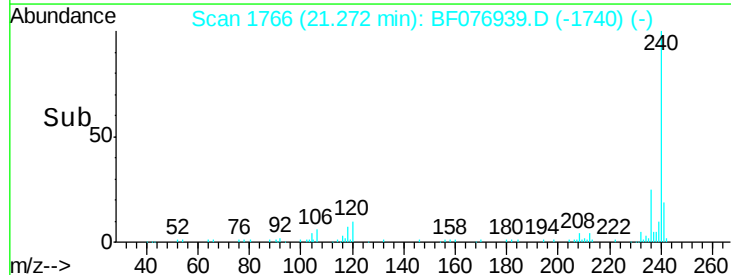
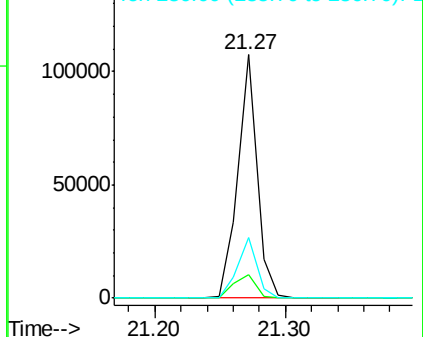


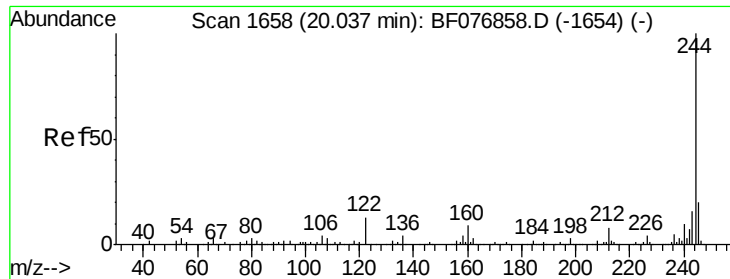
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076939.D
Acq: 19 Jan 2015 20:34

Tgt Ion:240 Resp: 110745
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 24.8 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: 85.40 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076939.D

Acq: 19 Jan 2015 20:34

Instrument :

BNA_F

ClientSampleId :

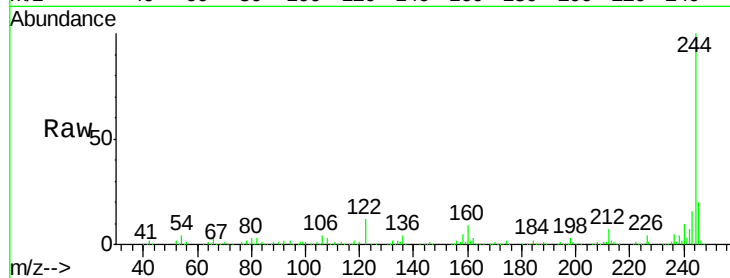
Tot Ion:244 Resp: 410831

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

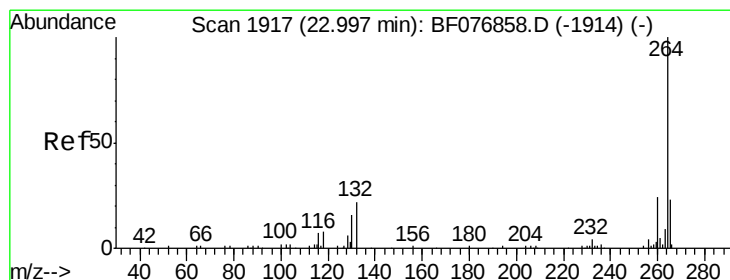
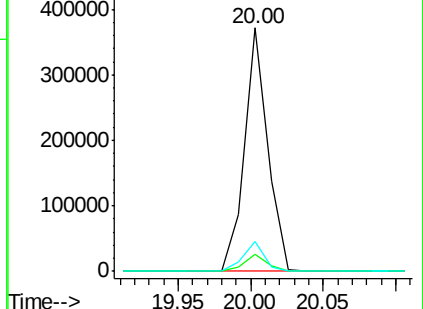
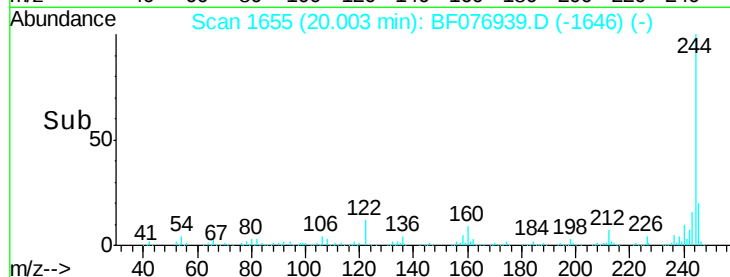
122 12.1 10.1 15.1



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: 22.92 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF076939.D

Acq: 19 Jan 2015 20:34

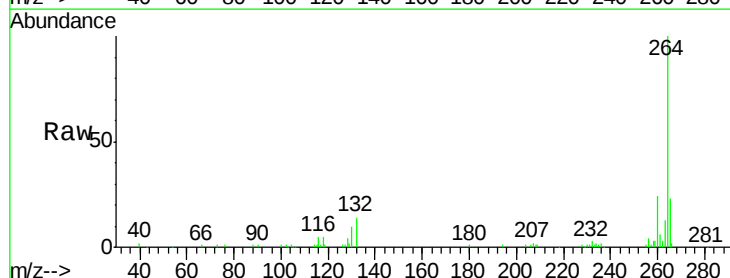
Tgt Ion:264 Resp: 100089

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.6 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

