

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076934.D
 Acq On : 19 Jan 2015 17:41
 Operator : IZ / TP
 Sample : G1101-23
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11A-11

Quant Time: Jan 20 01:02:22 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	34453	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	145460	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	81391	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	134801	20.00	ng	0.00
75) Chrysene-d12	21.27	240	127525	20.00	ng	0.00
86) Perylene-d12	22.93	264	116304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	100111	47.77	ng	0.00
7) Phenol-d6	7.37	99	73671	27.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	240882	91.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	83142	125.84	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	489564	91.54	ng	0.00
78) Terphenyl-d14	20.00	244	434207	78.39	ng	0.00

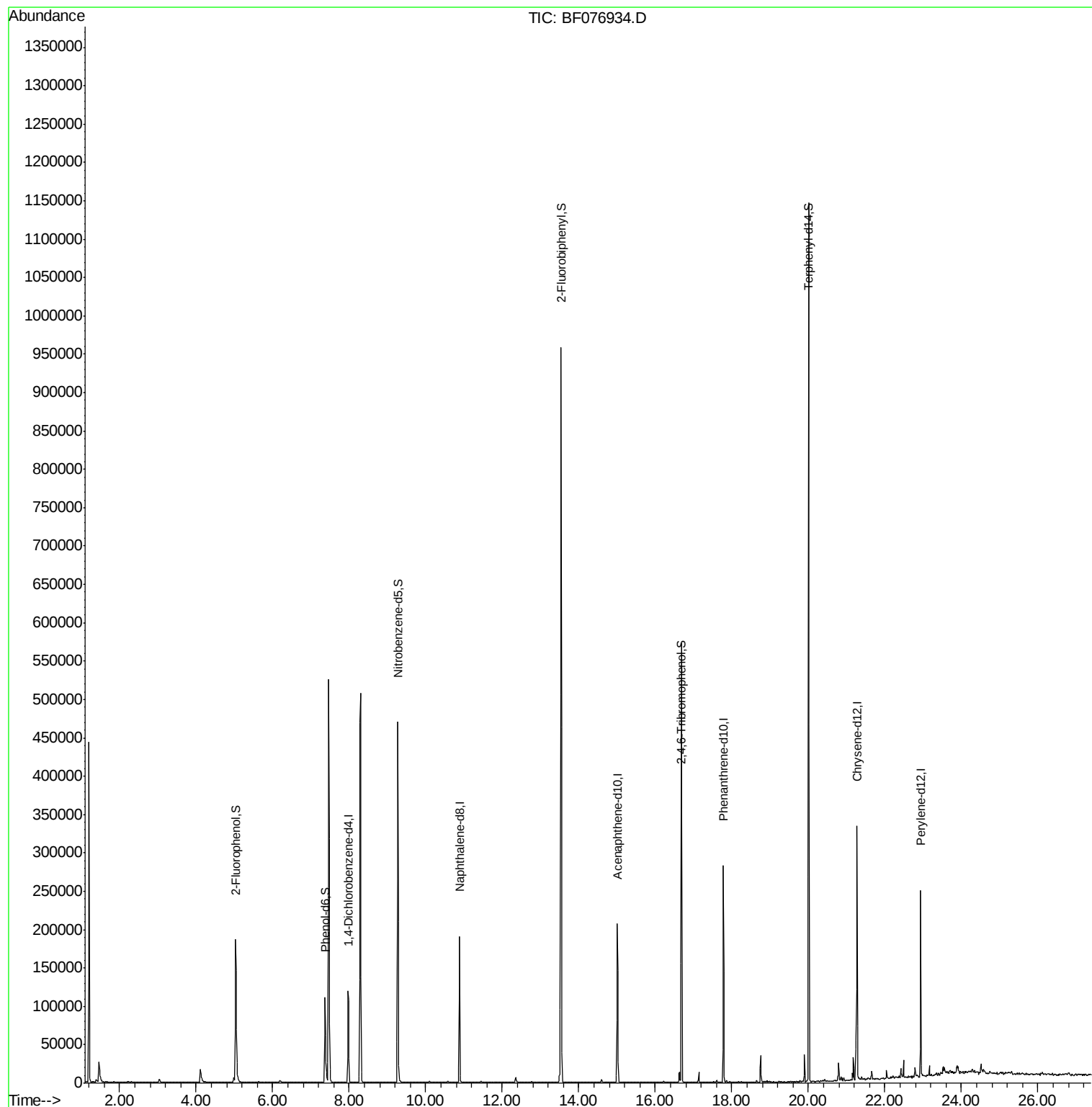
Target Compounds Qvalue

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

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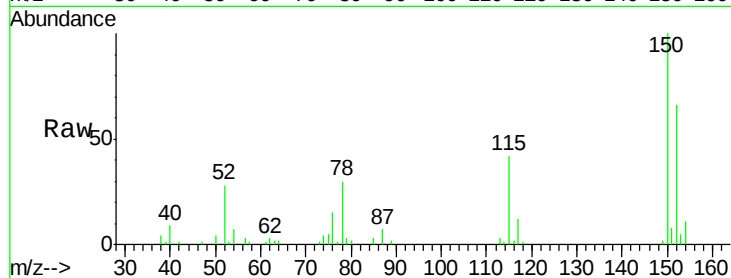


#1

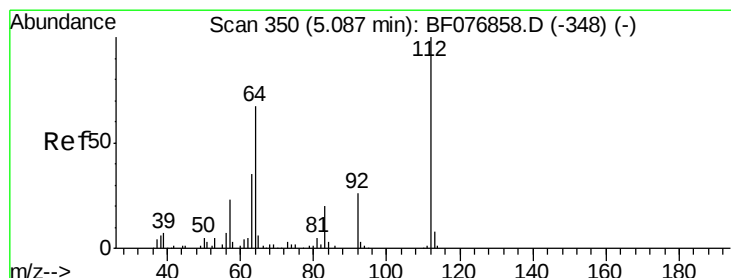
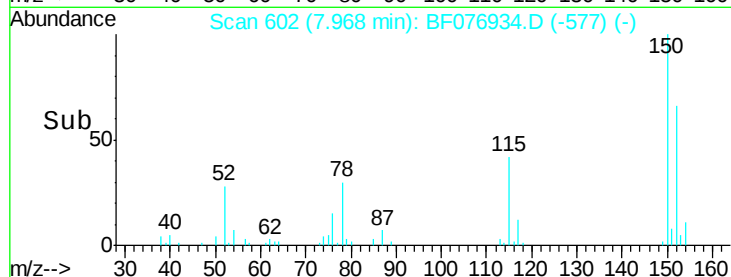
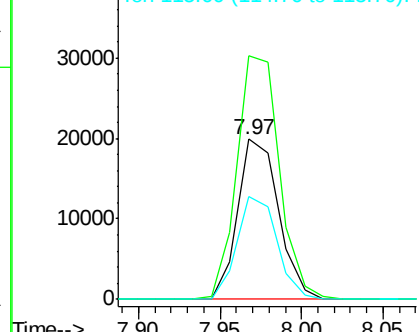
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076934.D
Acq: 19 Jan 2015 17:41

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11A-11

Tot Ion:152 Resp: 34453
Ion Ratio Lower Upper
152 100
150 152.3 121.7 182.5
115 64.4 47.0 70.6



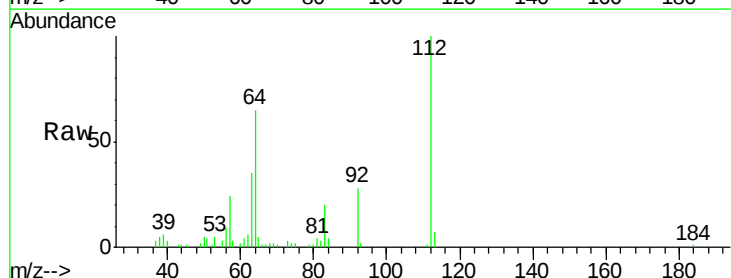
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



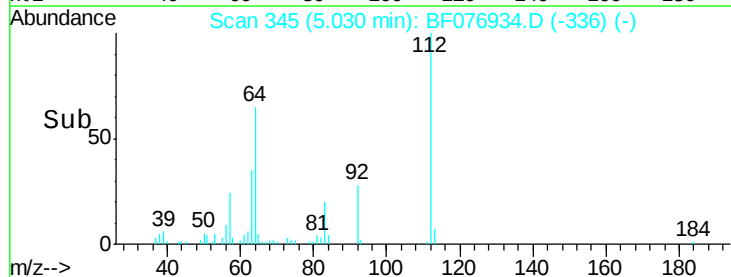
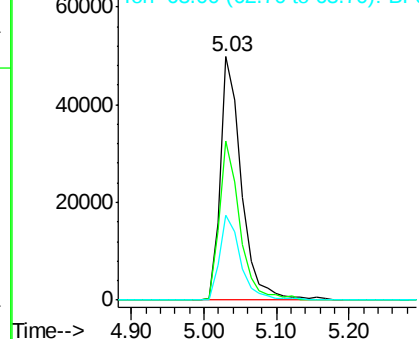
#5

2-Fluorophenol
Concen: 47.77 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076934.D
Acq: 19 Jan 2015 17:41

Tgt Ion:112 Resp: 100111
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.4
63 34.9 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: 27.87 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076934.D

Acq: 19 Jan 2015 17:41

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11A-11

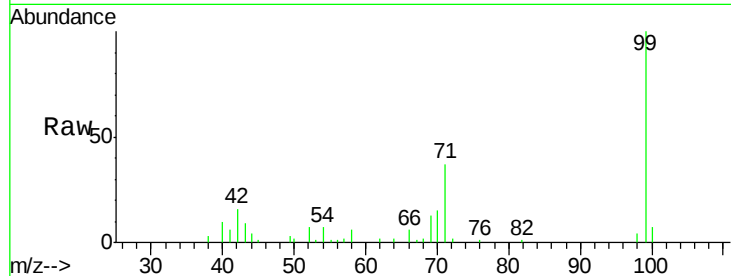
Tot Ion: 99 Resp: 73671

Ion Ratio Lower Upper

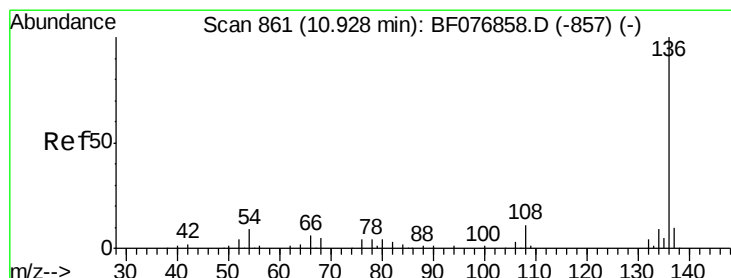
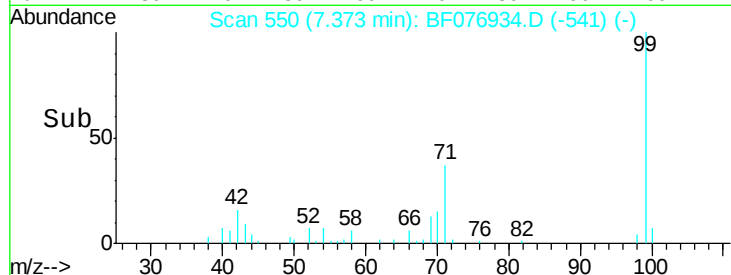
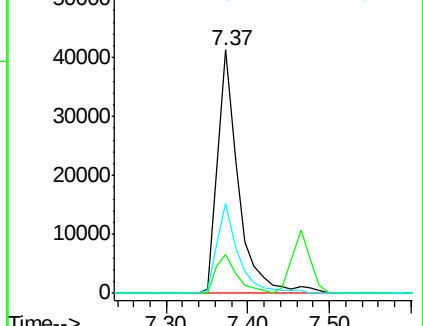
99 100

42 15.8 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: BF076934.D

Acq: 19 Jan 2015 17:41

Tgt Ion: 136 Resp: 145460

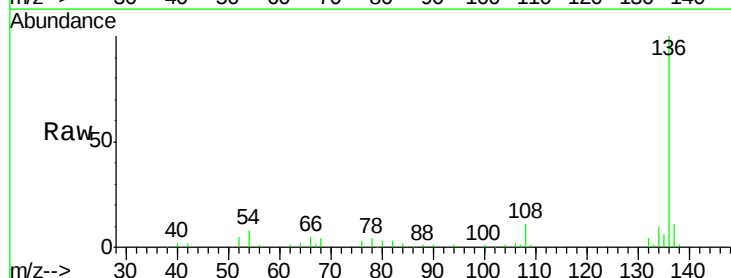
Ion Ratio Lower Upper

136 100

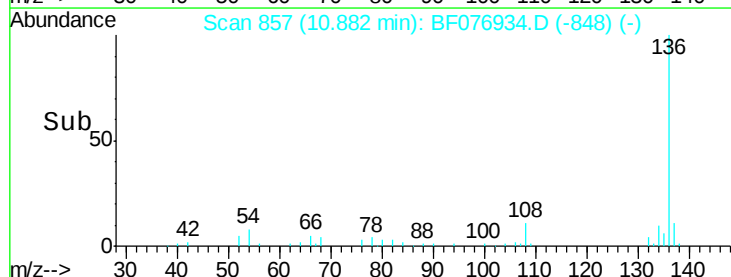
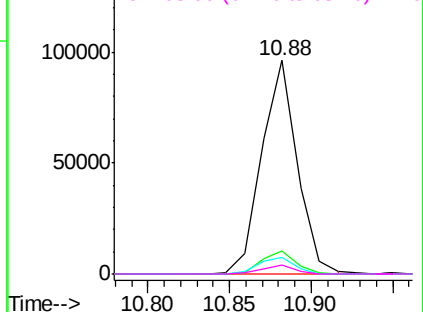
137 11.0 8.1 12.1

54 7.6 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

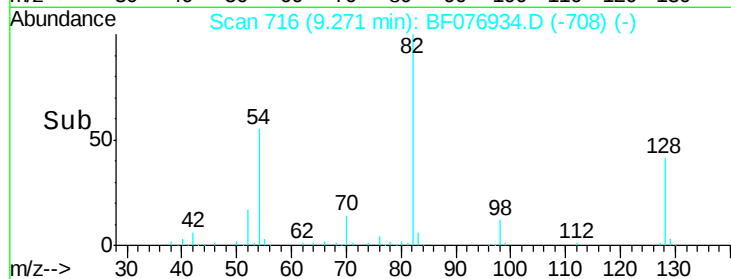
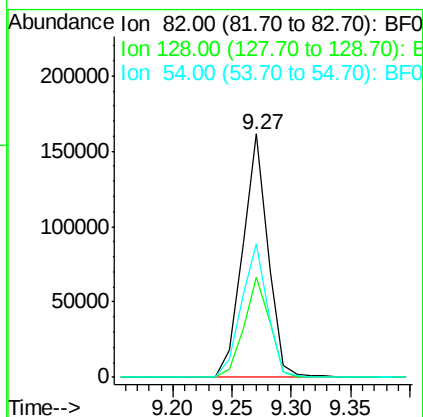
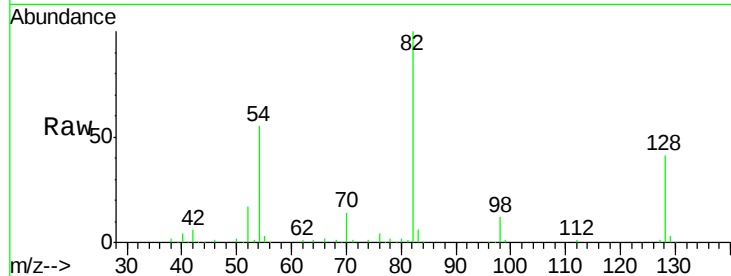




#23
 Nitrobenzene-d5
 Concen: 91.74 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076934.D
 Acq: 19 Jan 2015 17:41

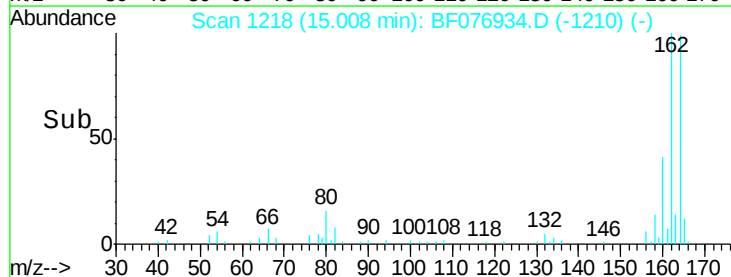
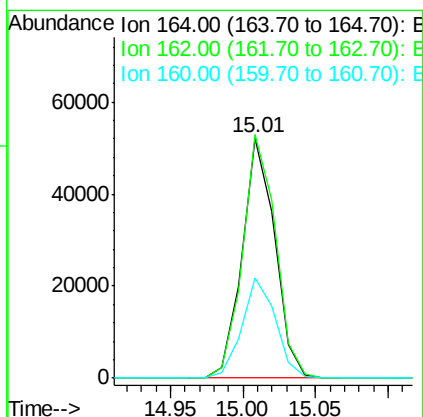
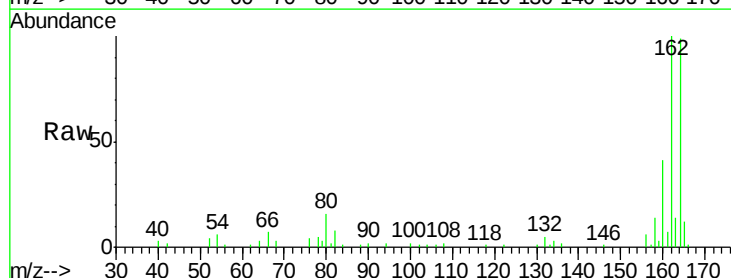
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11A-11

Tot Ion: 82 Resp: 240882
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.1 49.7
 54 55.1 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: BF076934.D
 Acq: 19 Jan 2015 17:41

Tgt Ion: 164 Resp: 81391
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.4 123.6
 160 41.7 34.8 52.2

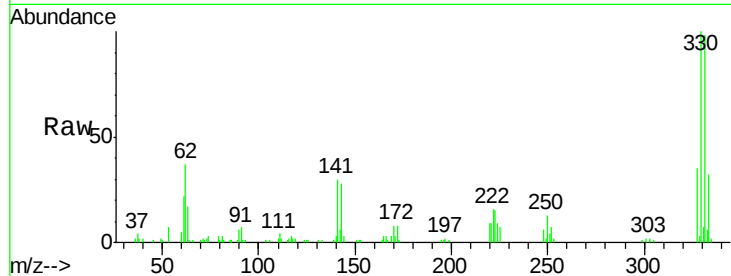




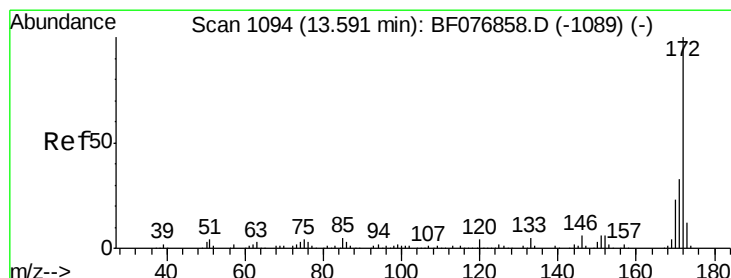
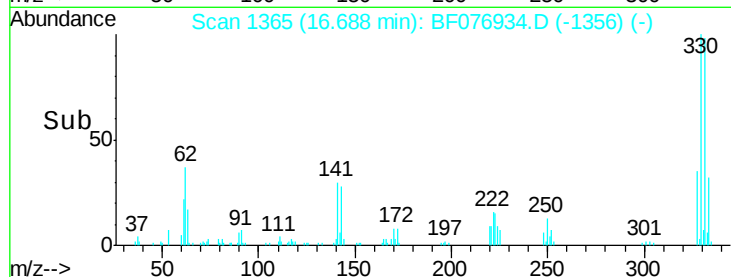
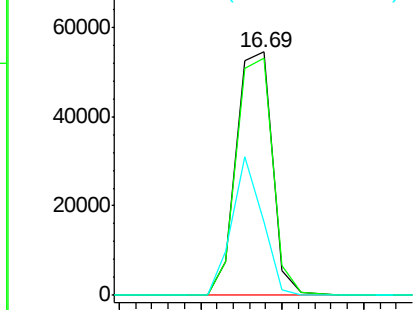
#41
 2,4,6-Tribromophenol
 Concen: 125.84 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076934.D
 Acq: 19 Jan 2015 17:41

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11A-11

Tot Ion:330 Resp: 83142
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 48.2 38.5 57.7

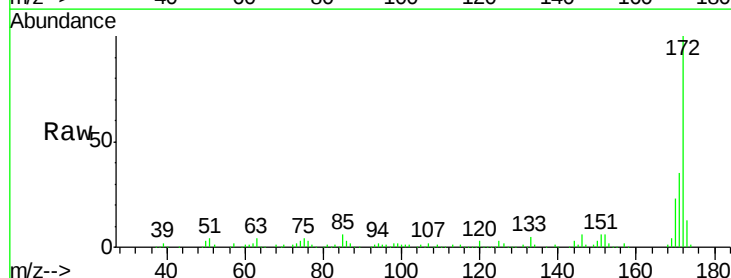


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

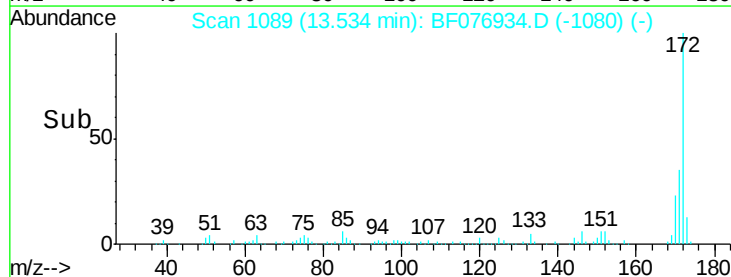
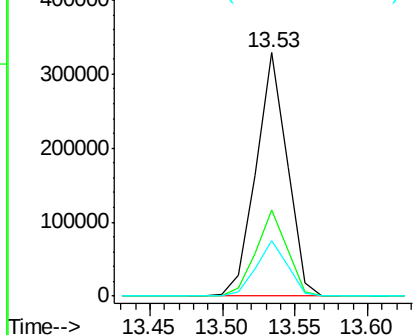


#44
 2-Fluorobiphenyl
 Concen: 91.54 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076934.D
 Acq: 19 Jan 2015 17:41

Tgt Ion:172 Resp: 489564
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.6 40.0
 170 23.0 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

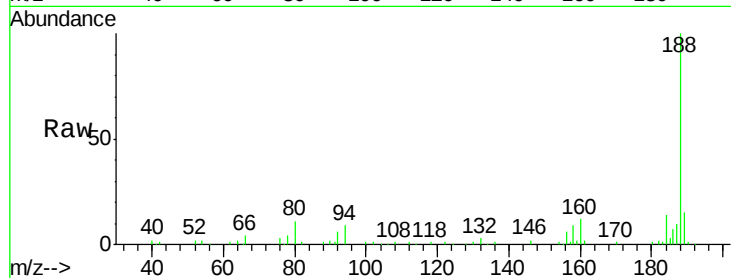




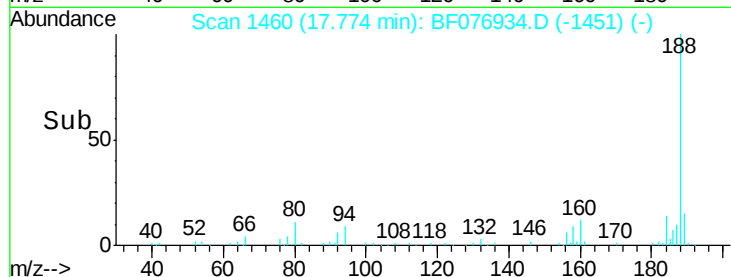
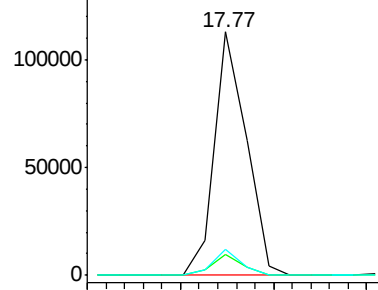
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076934.D
Acq: 19 Jan 2015 17:41

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11A-11

Tot Ion:188 Resp: 134801
Ion Ratio Lower Upper
188 100
94 8.7 6.0 9.0
80 10.5 6.9 10.3#

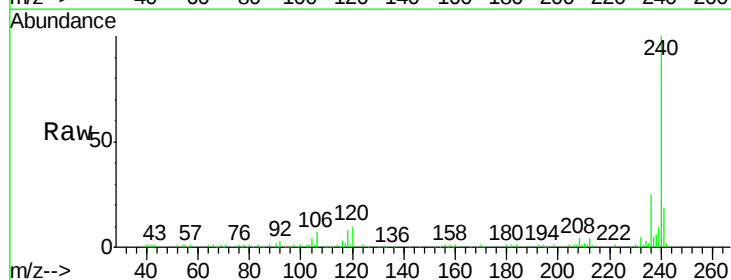


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

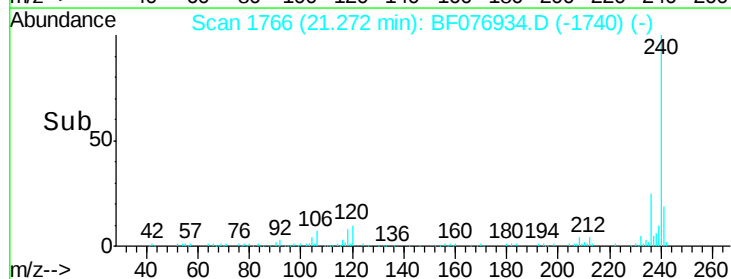
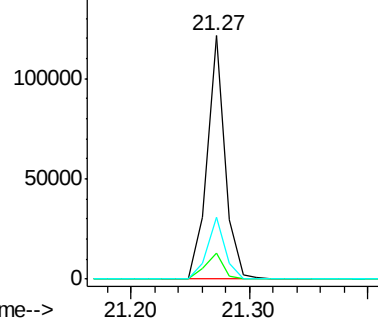


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076934.D
Acq: 19 Jan 2015 17:41

Tgt Ion:240 Resp: 127525
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 25.3 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: 78.39 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076934.D

Acq: 19 Jan 2015 17:41

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11A-11

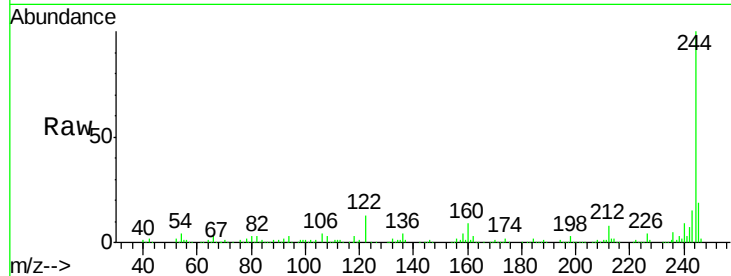
Tot Ion:244 Resp: 434207

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

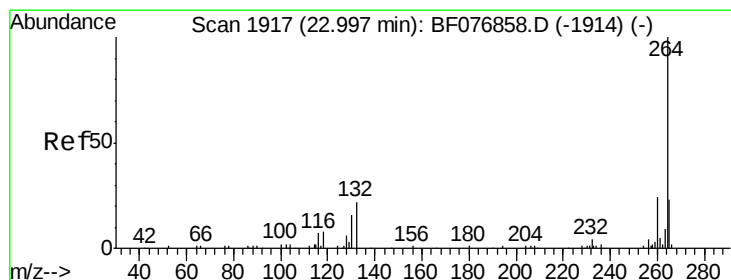
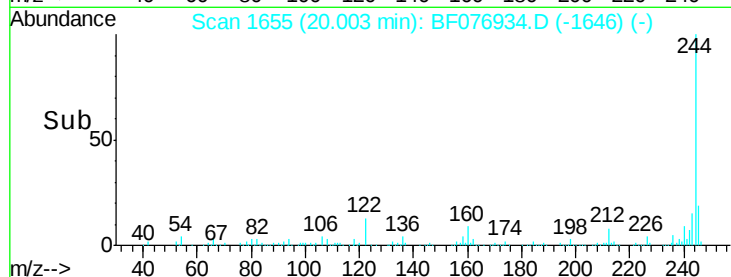
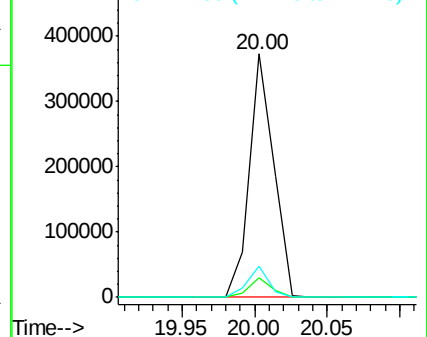
122 12.9 10.1 15.1



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: 22.93 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF076934.D

Acq: 19 Jan 2015 17:41

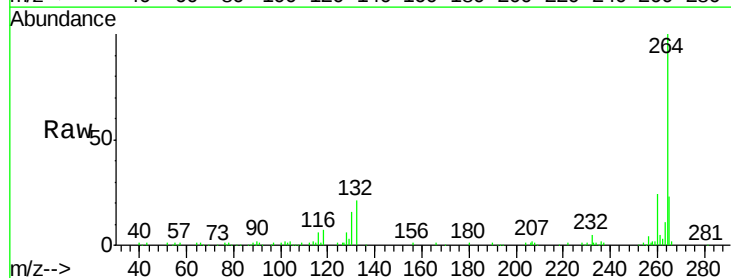
Tgt Ion:264 Resp: 116304

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.7 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

