

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076810.D
 Acq On : 12 Jan 2015 15:29
 Operator : IZ / TP
 Sample : G1042-03
 Misc : S
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE-3

Quant Time: Jan 13 09:52:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 13 00:13:49 2015
 Response via : Initial Calibration

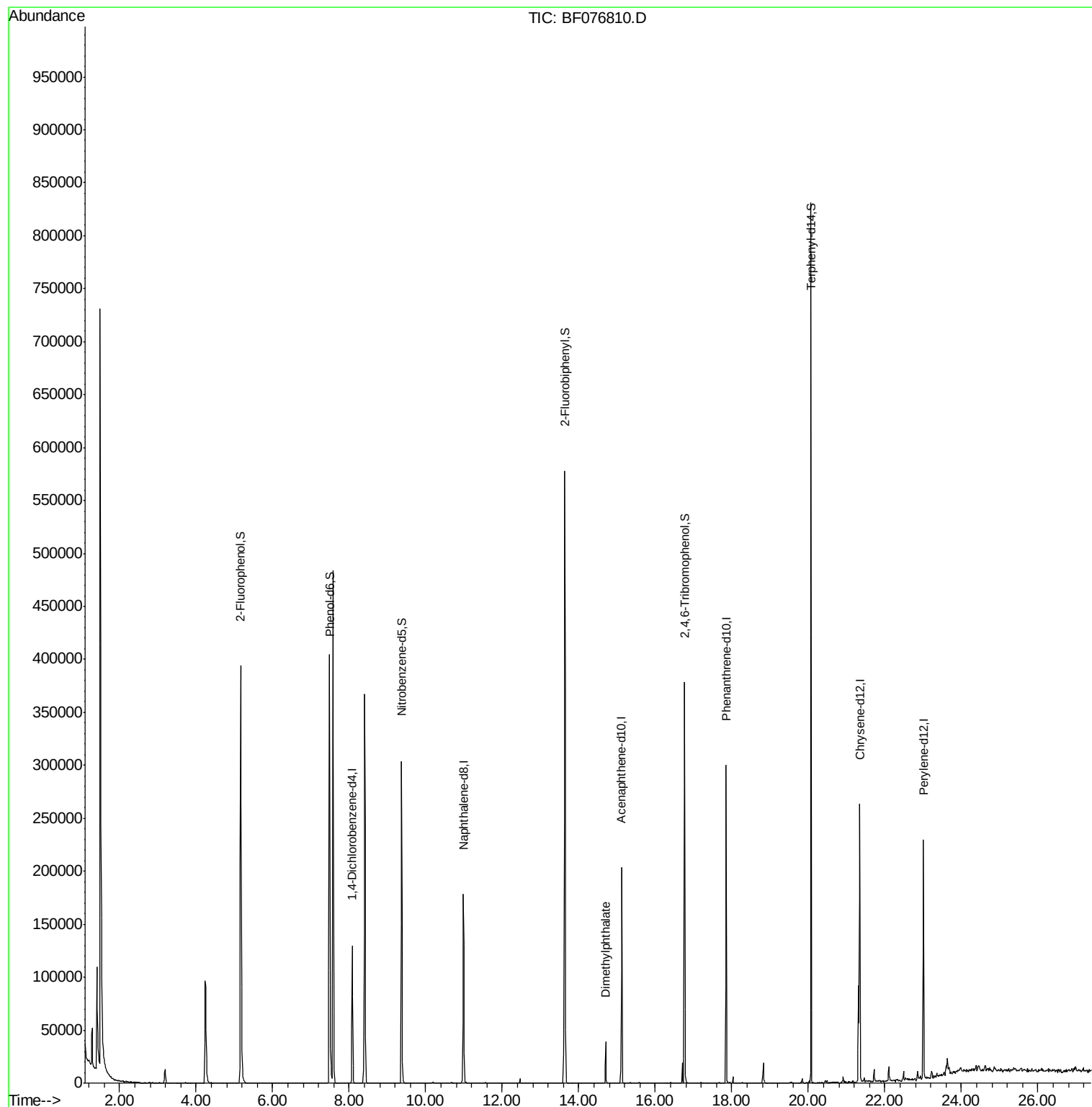
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32728	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	141815	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	75101	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	127043	20.00	ng	0.00
75) Chrysene-d12	21.34	240	116515	20.00	ng	-0.01
86) Perylene-d12	23.01	264	104357	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	195590	99.72	ng	0.00
7) Phenol-d6	7.49	99	256373	103.83	ng	0.00
23) Nitrobenzene-d5	9.37	82	149906	58.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	55512	88.56	ng	0.00
44) 2-Fluorobiphenyl	13.64	172	309077	60.57	ng	-0.01
78) Terphenyl-d14	20.07	244	305565	57.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.70	163	27770	5.09	ng	Qvalue 99

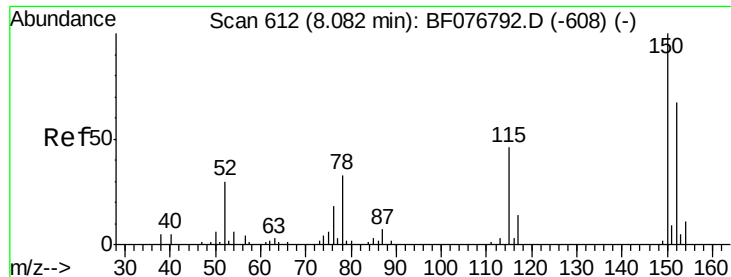
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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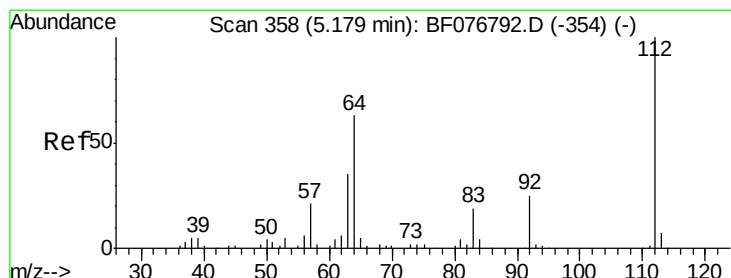
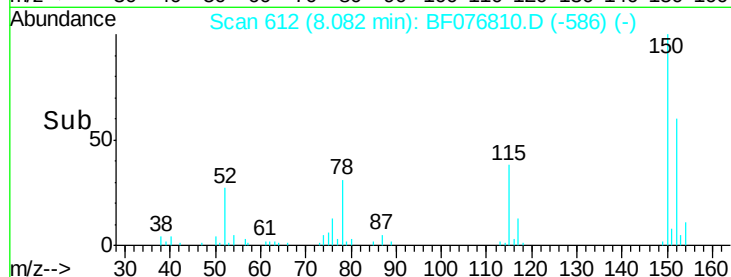
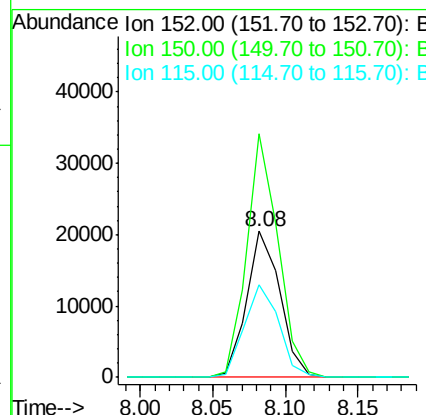
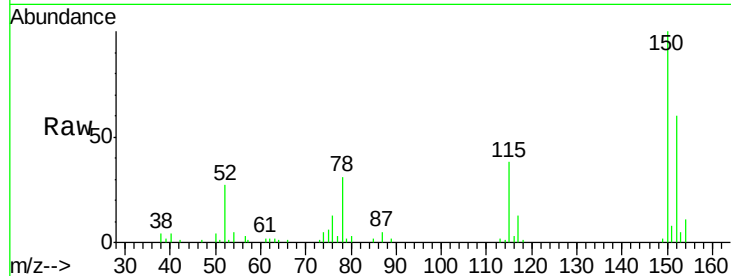


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

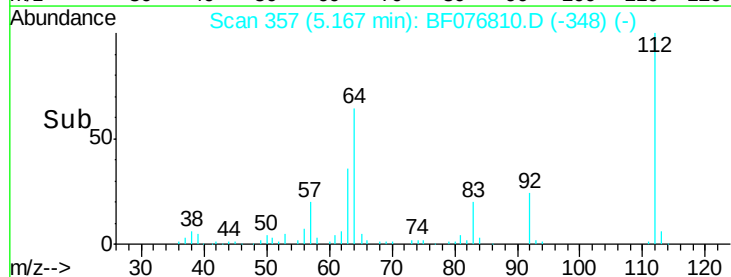
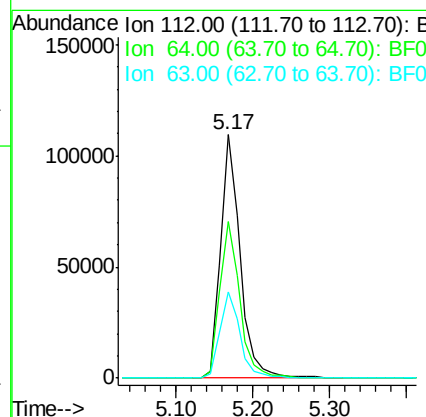
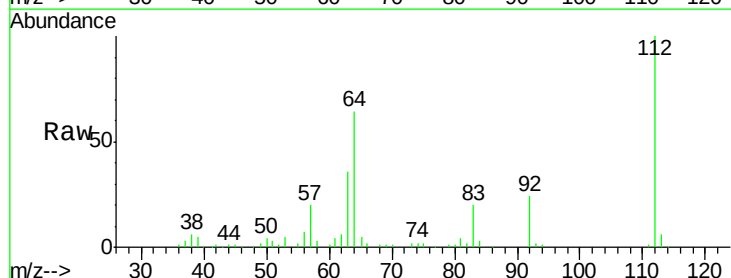
Tot Ion:152 Resp: 32728
Ion Ratio Lower Upper
152 100
150 166.7 119.5 179.3
115 63.4 54.6 81.8

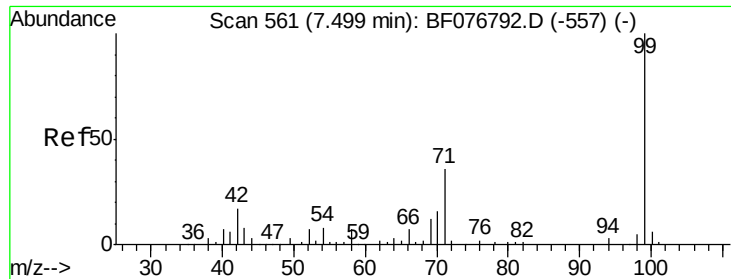


#5

2-Fluorophenol
Concen: 99.72 ng
RT: 5.17 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Tgt Ion:112 Resp: 195590
Ion Ratio Lower Upper
112 100
64 64.3 50.2 75.4
63 35.6 27.8 41.6





#7

Phenol-d6

Concen: 103.83 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF076810.D

Acq: 12 Jan 2015 15:29

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

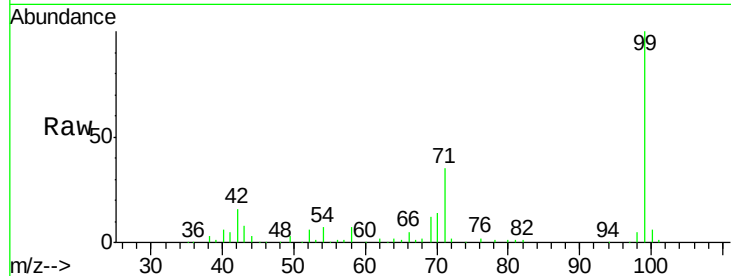
Tot Ion: 99 Resp: 256373

Ion Ratio Lower Upper

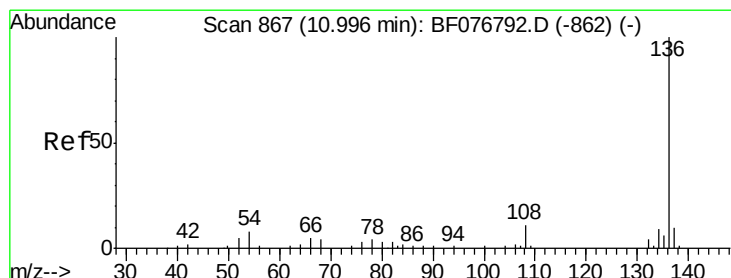
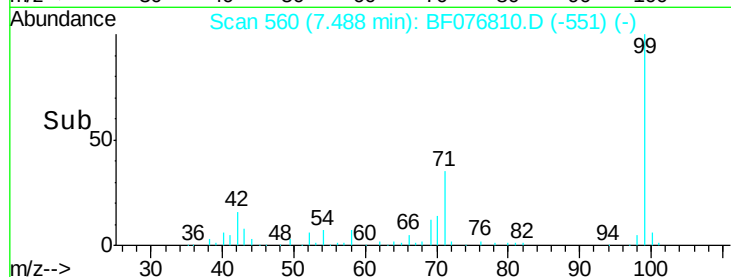
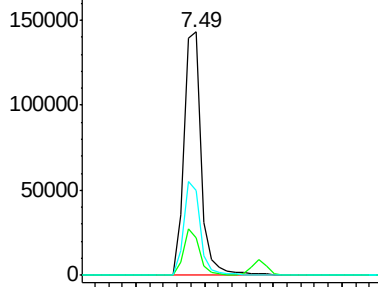
99 100

42 15.6 13.3 19.9

71 35.1 29.2 43.8



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: 10.99 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076810.D

Acq: 12 Jan 2015 15:29

Tgt Ion: 136 Resp: 141815

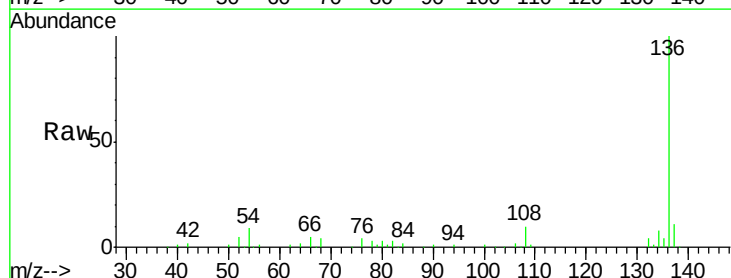
Ion Ratio Lower Upper

136 100

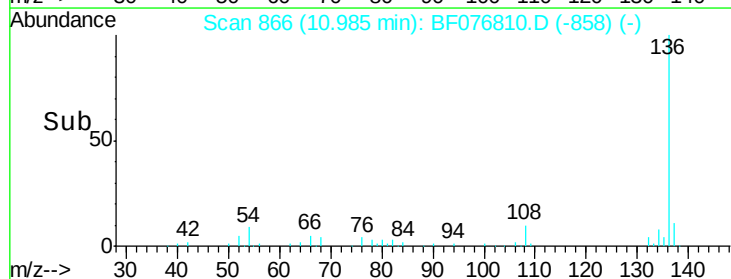
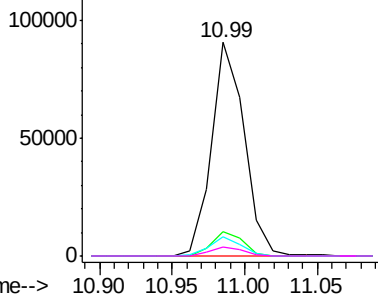
137 11.4 8.1 12.1

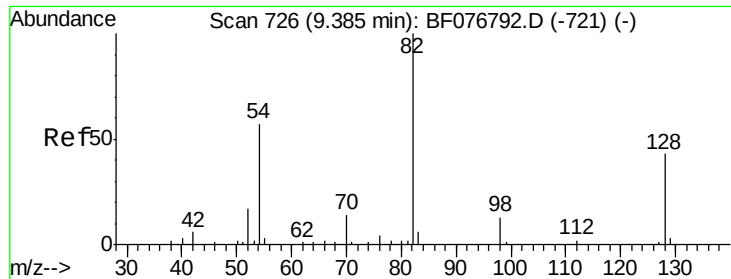
54 9.0 6.3 9.5

68 4.4 3.4 5.0



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

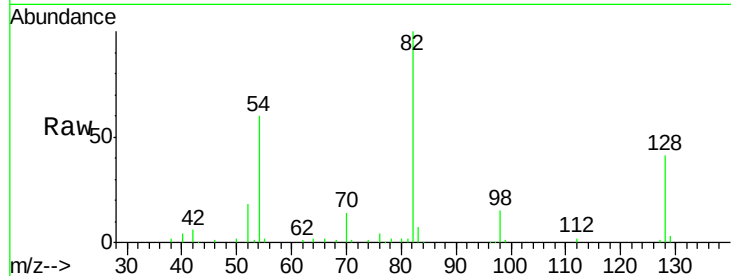




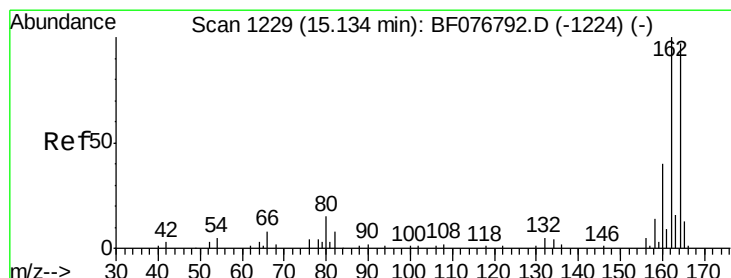
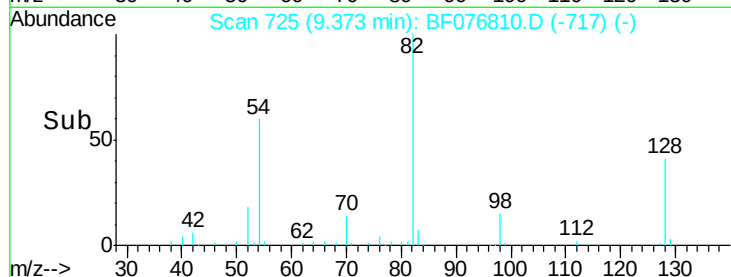
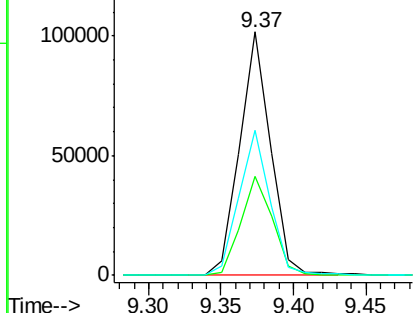
#23
Nitrobenzene-d5
Concen: 58.74 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

Tot Ion: 82 Resp: 149906
Ion Ratio Lower Upper
82 100
128 40.7 34.0 51.0
54 59.8 45.6 68.4

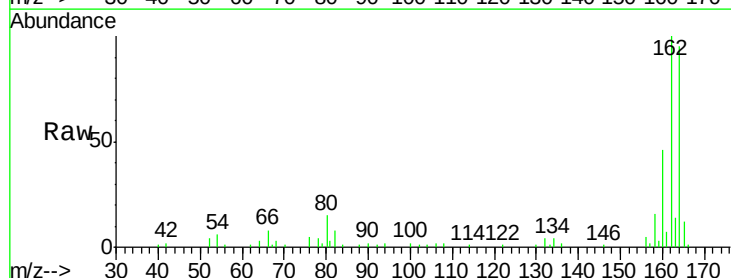


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

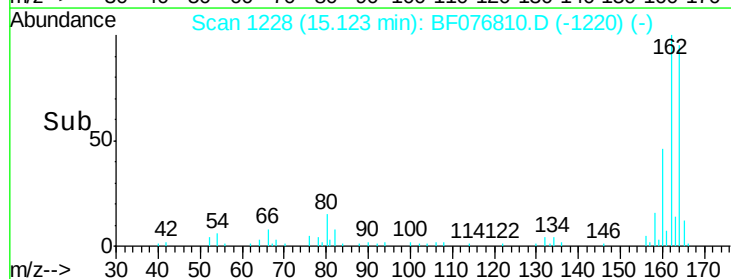
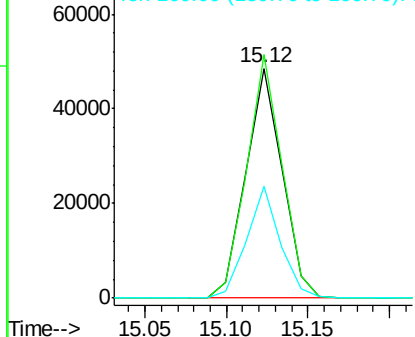


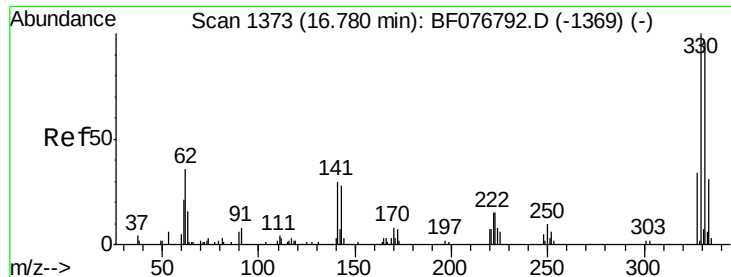
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Tgt Ion: 164 Resp: 75101
Ion Ratio Lower Upper
164 100
162 105.8 82.5 123.7
160 48.5 33.1 49.7



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: 88.56 ng

RT: 16.77 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF076810.D

Acq: 12 Jan 2015 15:29

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

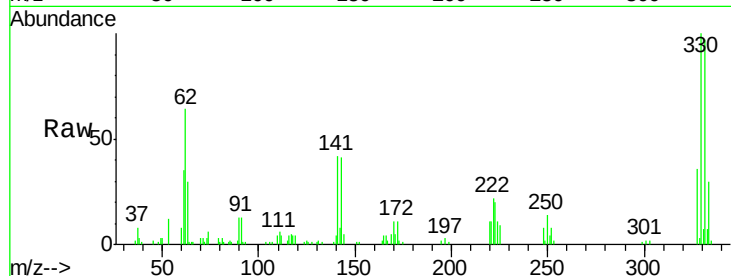
Tot Ion:330 Resp: 55512

Ion Ratio Lower Upper

330 100

332 95.5 74.8 112.2

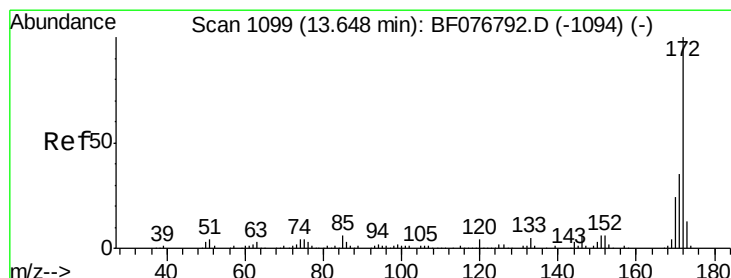
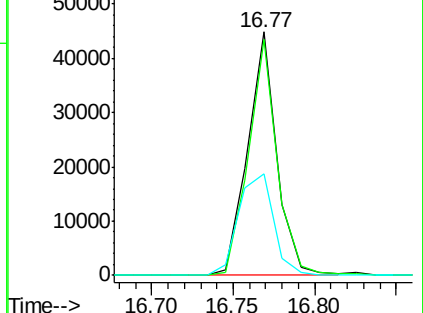
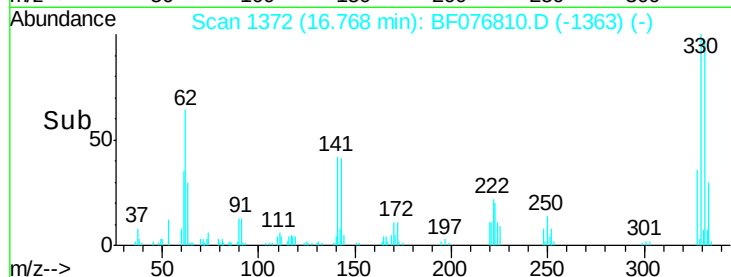
141 50.0 42.4 63.6



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: 60.57 ng

RT: 13.64 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF076810.D

Acq: 12 Jan 2015 15:29

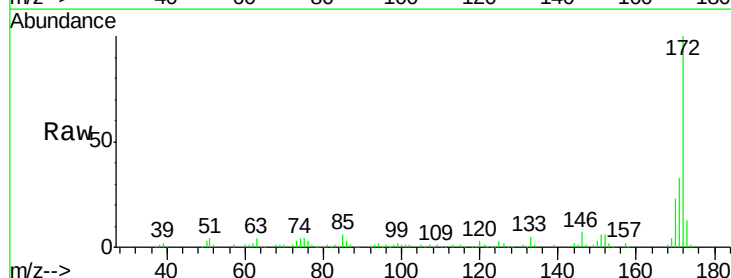
Tgt Ion:172 Resp: 309077

Ion Ratio Lower Upper

172 100

171 33.2 27.8 41.8

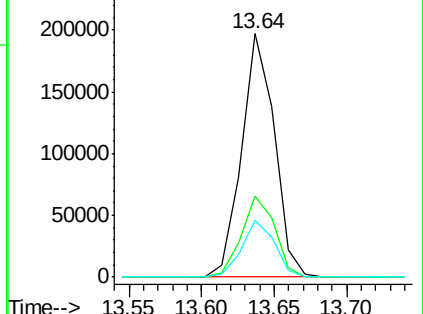
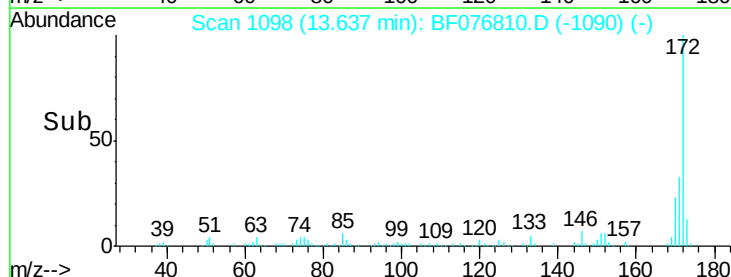
170 23.1 18.8 28.2

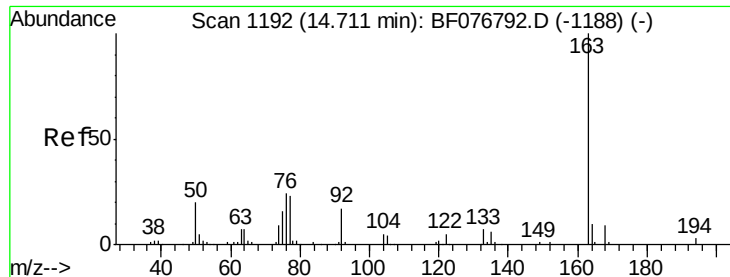


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

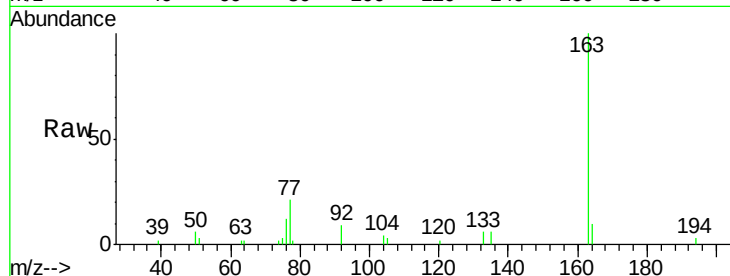




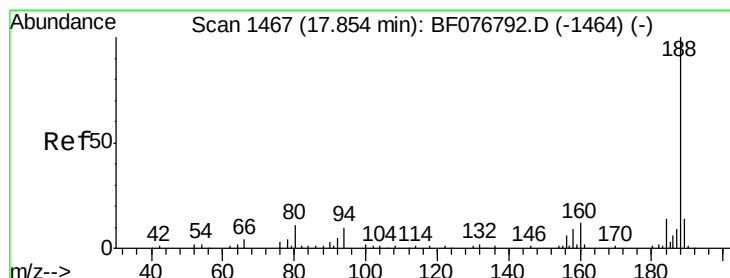
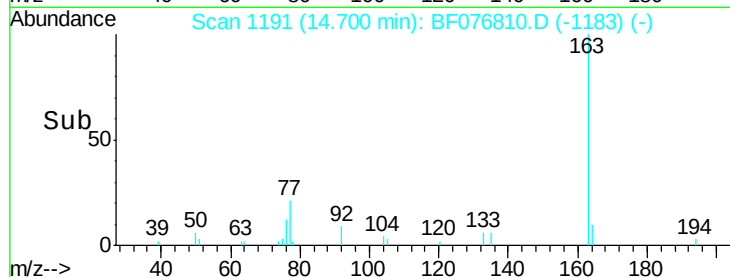
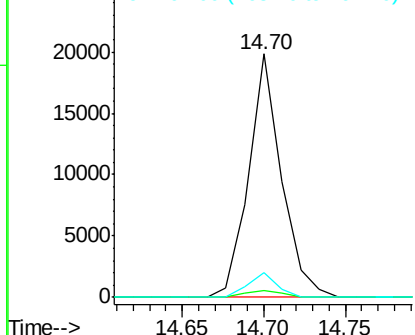
#49
Dimethylphthalate
Concen: 5.09 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

Tot Ion:163 Resp: 27770
Ion Ratio Lower Upper
163 100
194 2.6 2.3 3.5
164 10.1 8.3 12.5

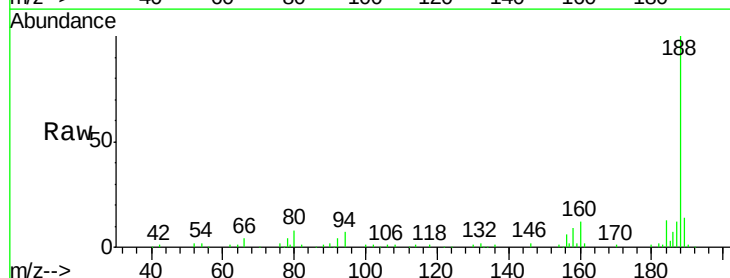


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

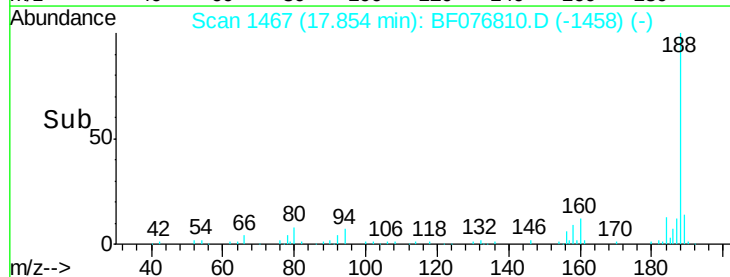
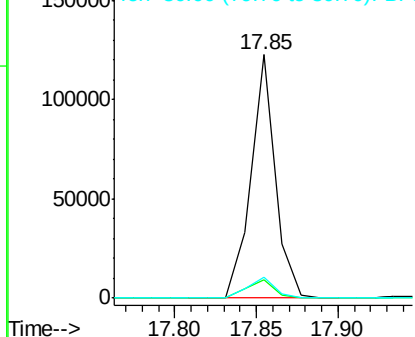


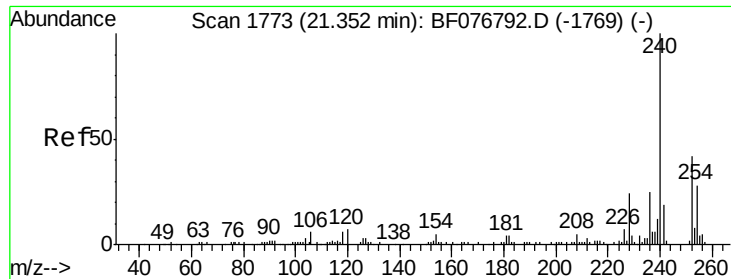
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Tgt Ion:188 Resp: 127043
Ion Ratio Lower Upper
188 100
94 7.4 7.8 11.6#
80 8.5 8.6 13.0#



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: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076810.D

Acq: 12 Jan 2015 15:29

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-3

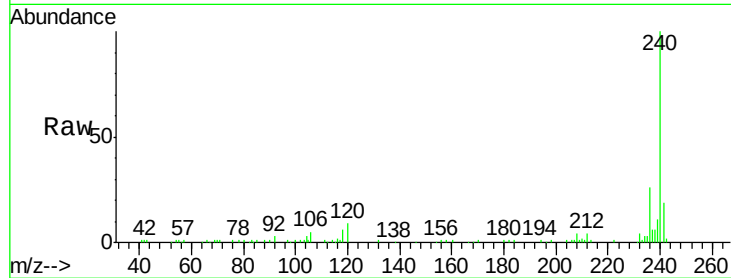
Tot Ion:240 Resp: 116515

Ion Ratio Lower Upper

240 100

120 8.6 5.7 8.5#

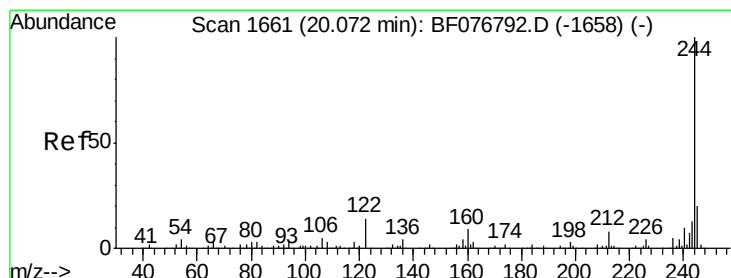
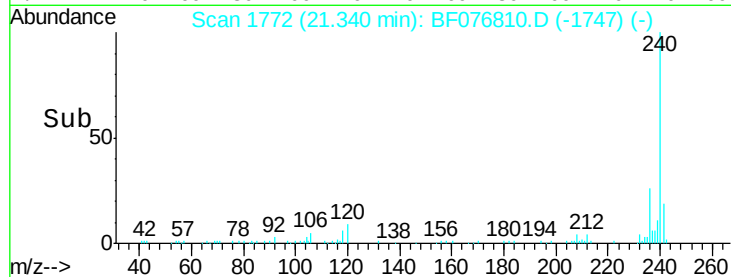
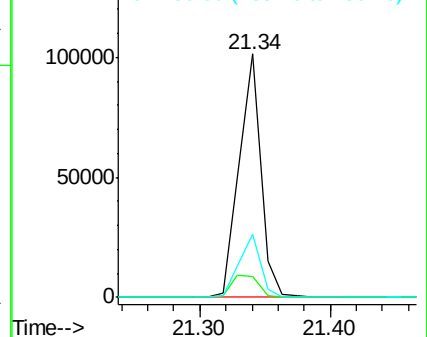
236 25.9 19.7 29.5



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: 57.58 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076810.D

Acq: 12 Jan 2015 15:29

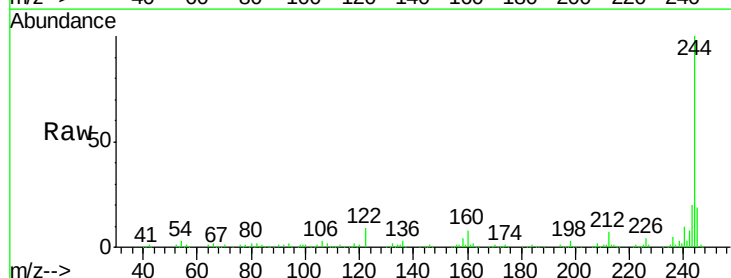
Tgt Ion:244 Resp: 305565

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

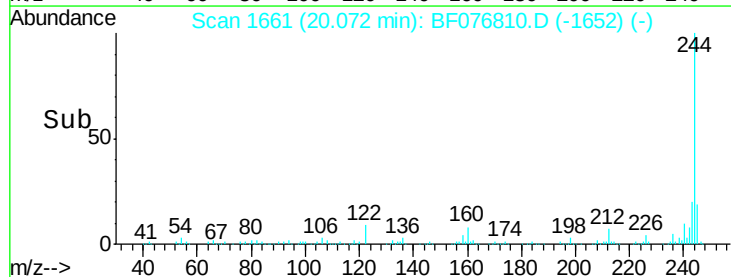
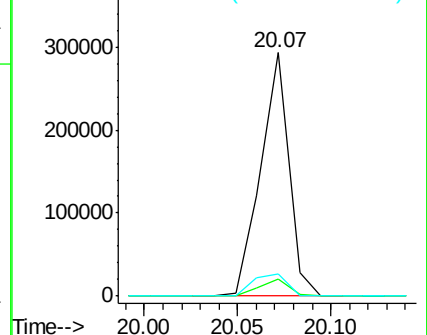
122 9.3 11.3 16.9#

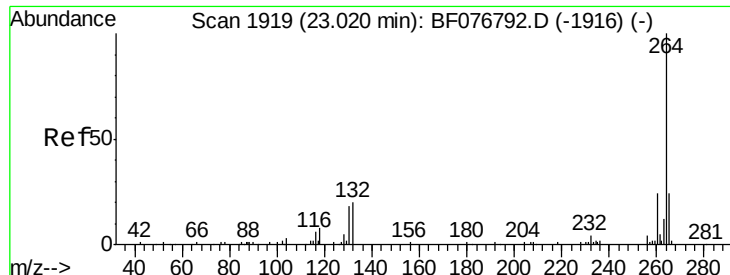


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

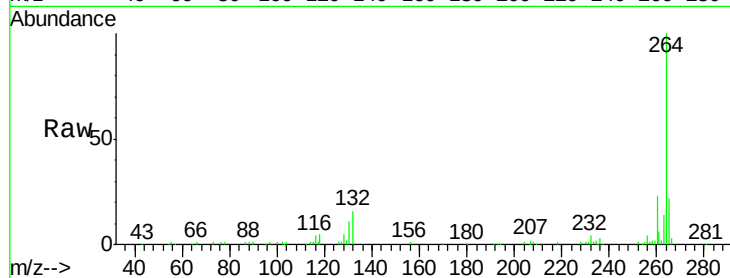




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.01 min Scan# 1918
Delta R.T. -0.07 min
Lab File: BF076810.D
Acq: 12 Jan 2015 15:29

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.9	18.9	28.3



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

