

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082798.D
 Acq On : 7 Nov 2015 9:08
 Operator : UM/IZ
 Sample : G4246-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Quant Time: Nov 09 00:25:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

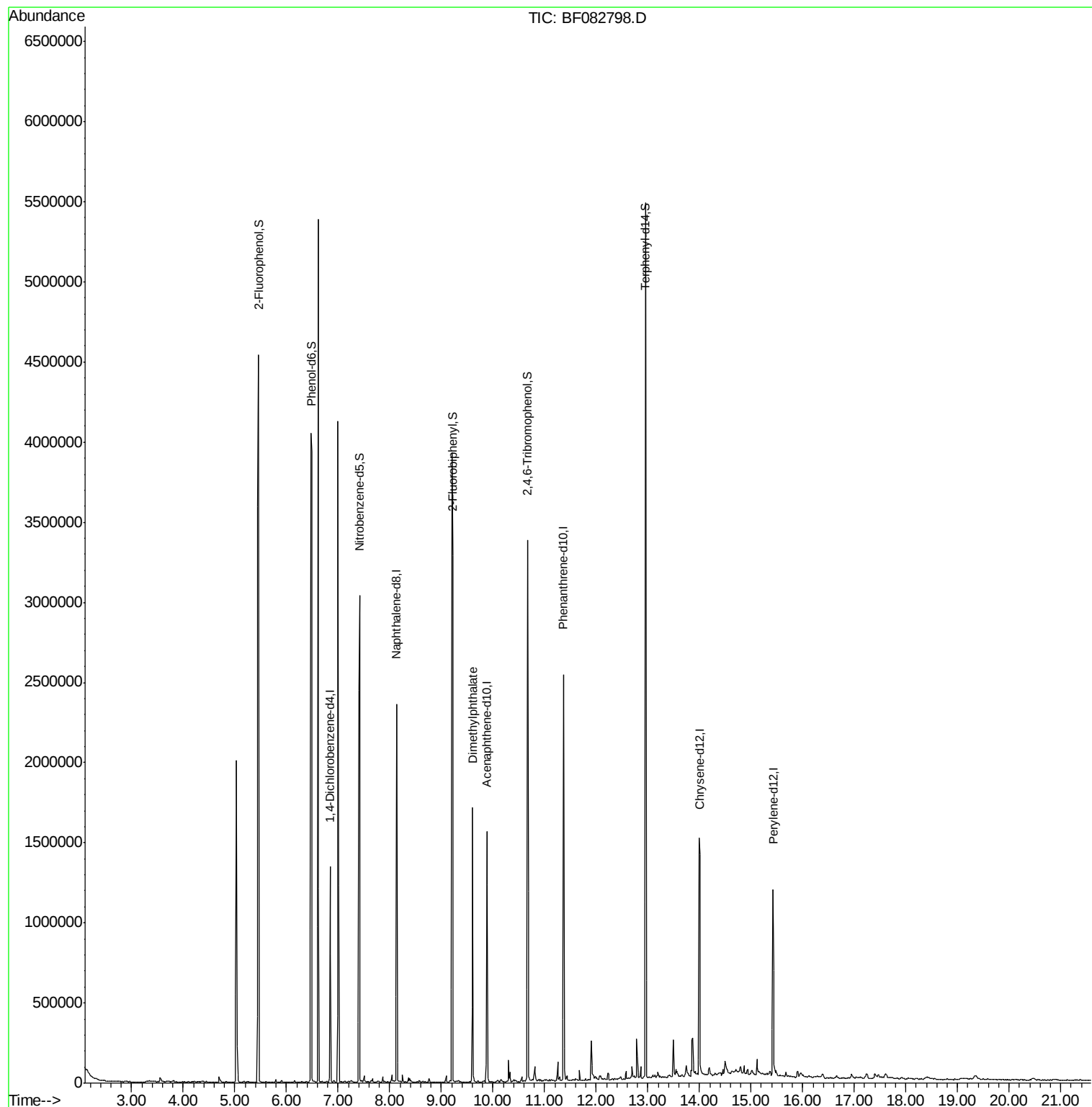
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	243466	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	978910	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	421645	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	843427	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	750550	20.00	ng	-0.01
86) Perylene-d12	15.43	264	575370	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1641678	104.92	ng	0.01
7) Phenol-d6	6.49	99	2253890	108.35	ng	0.01
23) Nitrobenzene-d5	7.41	82	1438512	63.94	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	443272	91.69	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1799839	61.18	ng	0.00
78) Terphenyl-d14	12.96	244	1549656	48.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	687410	19.90	ng	Qvalue 98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082798.D
Acq On : 7 Nov 2015 9:08
Operator : UM/IZ
Sample : G4246-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-14C

Quant Time: Nov 09 00:25:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

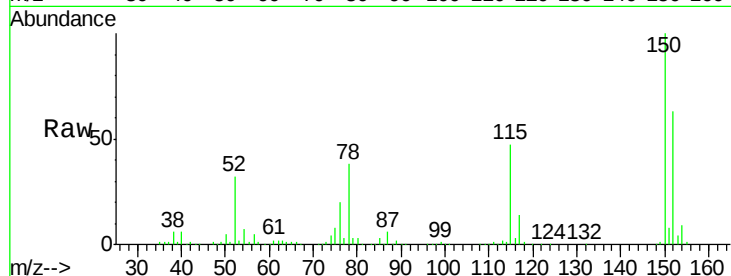




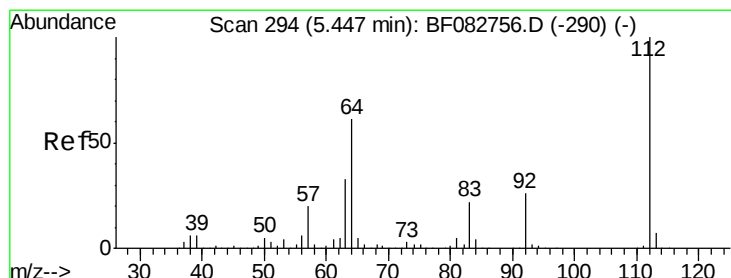
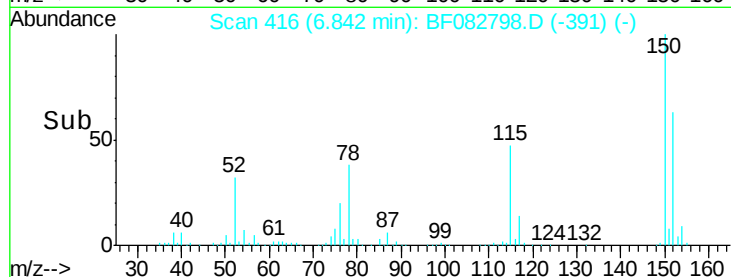
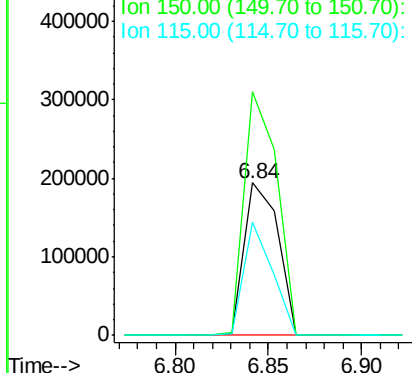
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tot Ion:152 Resp: 243466
 Ion Ratio Lower Upper
 152 100
 150 159.8 127.0 190.4
 115 74.5 47.0 70.6#

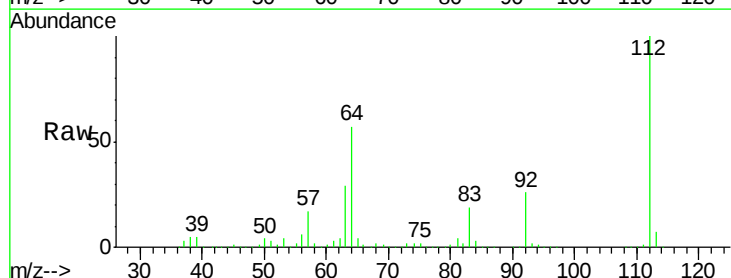


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

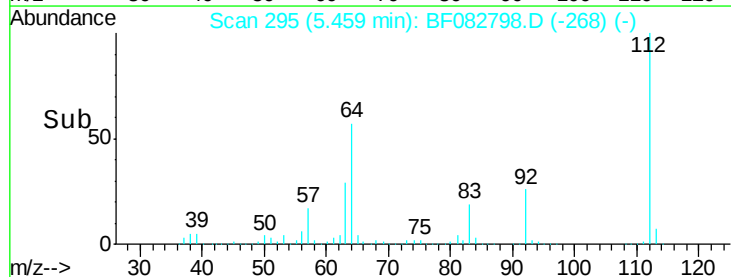
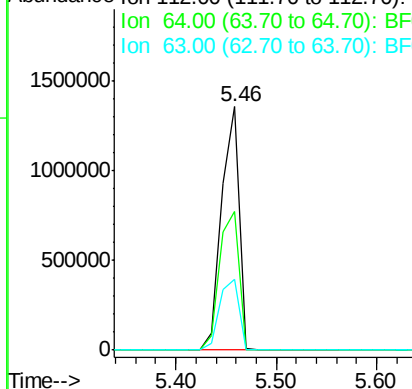


#5
 2-Fluorophenol
 Concen: 104.92 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Tgt Ion:112 Resp: 1641678
 Ion Ratio Lower Upper
 112 100
 64 56.7 48.9 73.3
 63 29.3 28.1 42.1



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: 108.35 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082798.D

Acq: 7 Nov 2015 9:08

Instrument :

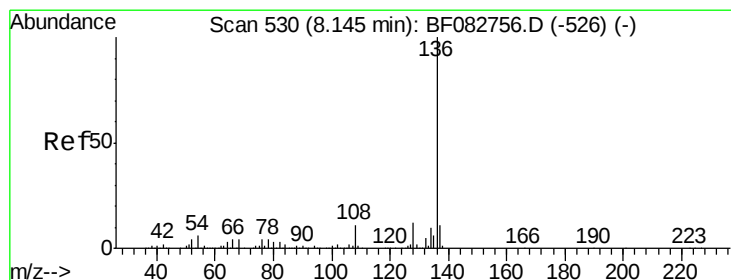
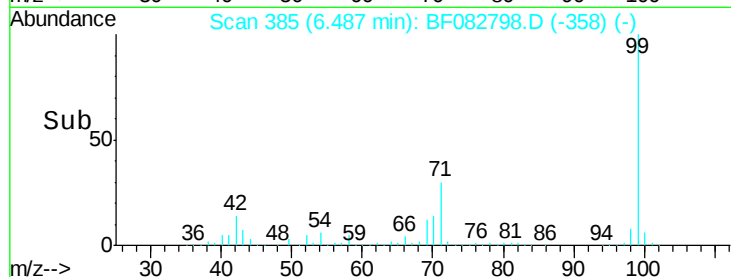
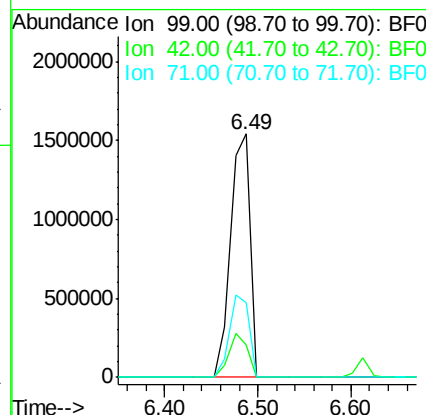
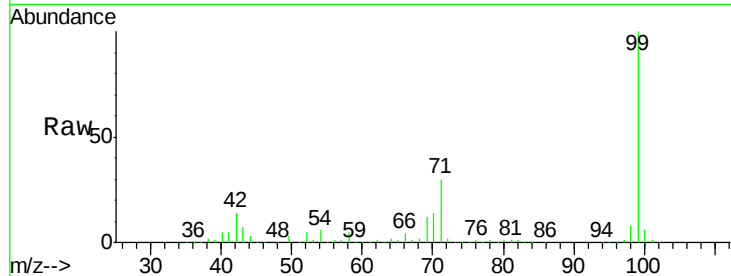
BNA_F

ClientSampleId :

T-14C

Tot Ion: 99 Resp: 2253890

Ion	Ratio	Lower	Upper
99	100		
42	13.5	19.2	28.8#
71	30.5	35.0	52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

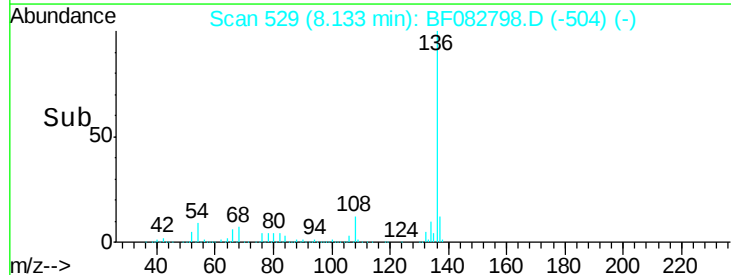
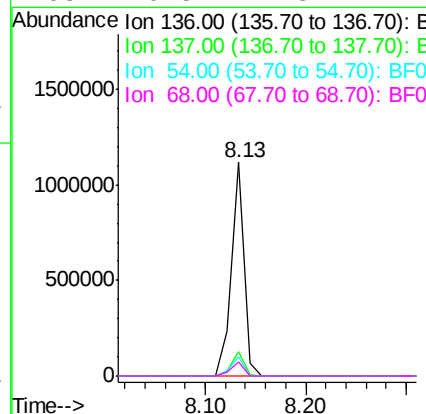
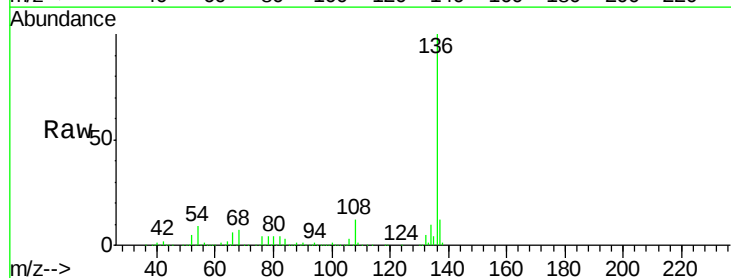
Delta R.T. -0.01 min

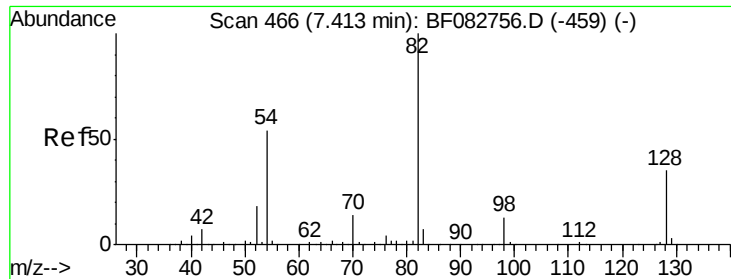
Lab File: BF082798.D

Acq: 7 Nov 2015 9:08

Tgt Ion: 136 Resp: 978910

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.7	9.1	13.7#
68	6.5	4.8	7.2

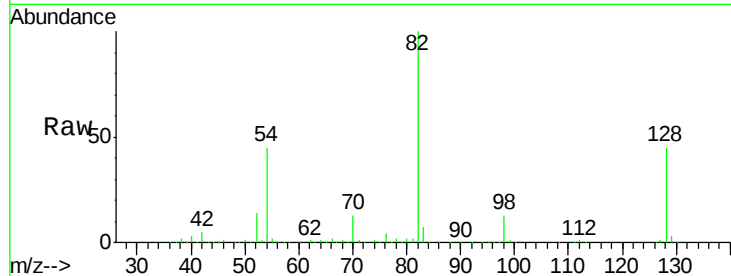




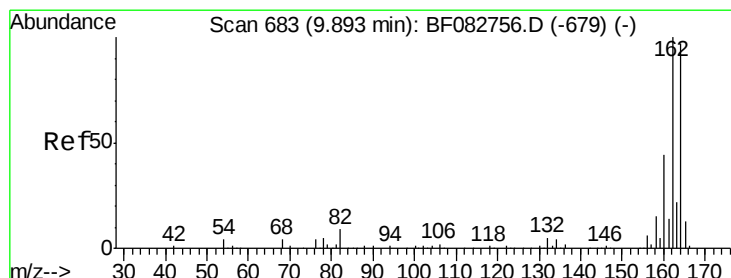
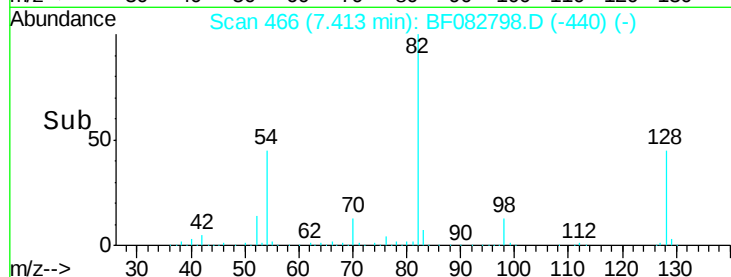
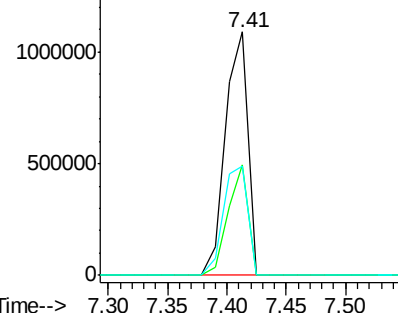
#23
 Nitrobenzene-d5
 Concen: 63.94 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampled :
 T-14C

Tot Ion: 82 Resp: 1438512
 Ion Ratio Lower Upper
 82 100
 128 45.2 26.8 40.2#
 54 45.0 45.7 68.5#

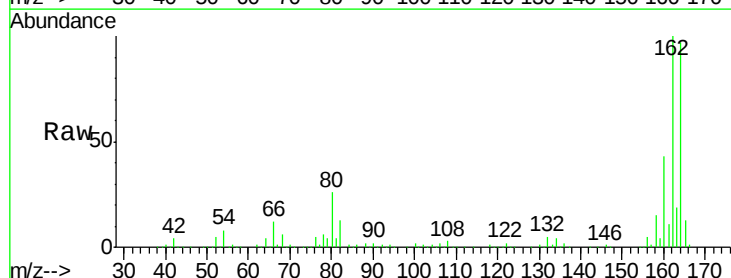


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

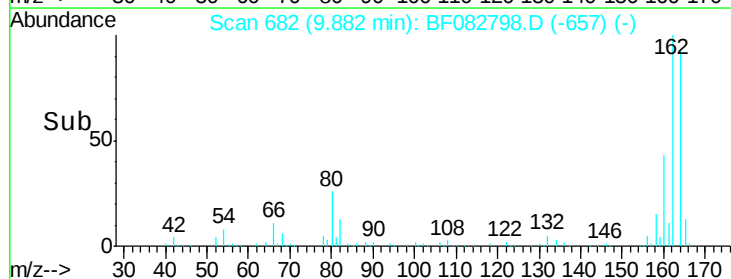
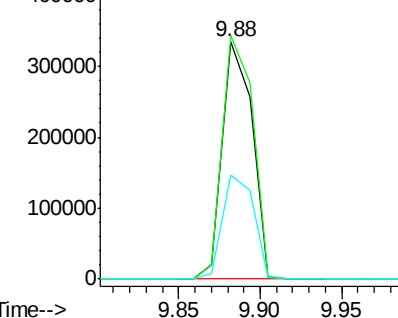


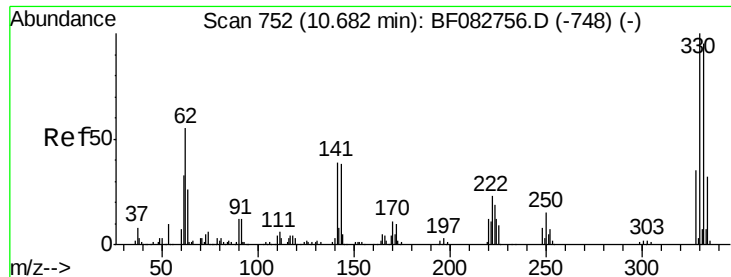
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Tgt Ion:164 Resp: 421645
 Ion Ratio Lower Upper
 164 100
 162 102.6 84.9 127.3
 160 44.1 37.5 56.3



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

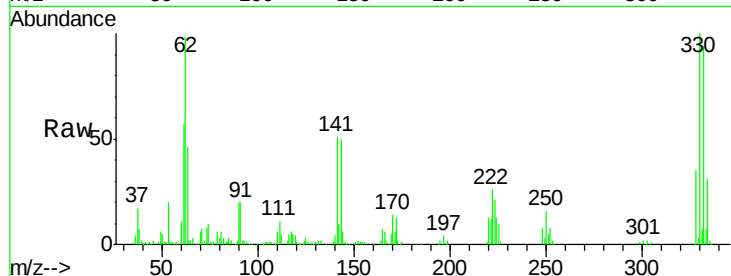




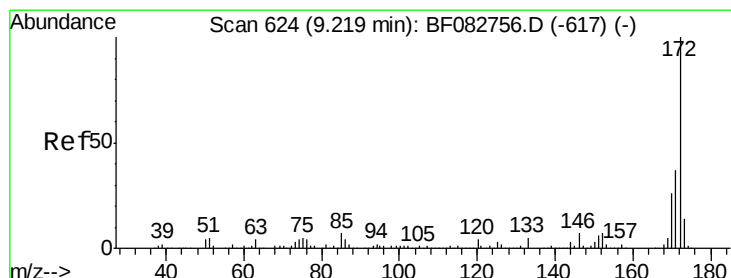
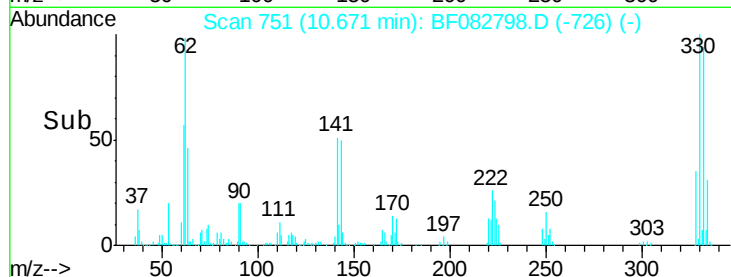
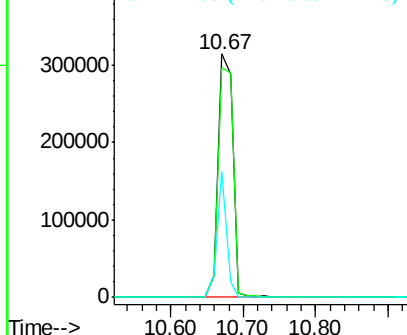
#41
 2,4,6-Tribromophenol
 Concen: 91.69 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tot Ion:330 Resp: 443272
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 33.4 41.2 61.8#

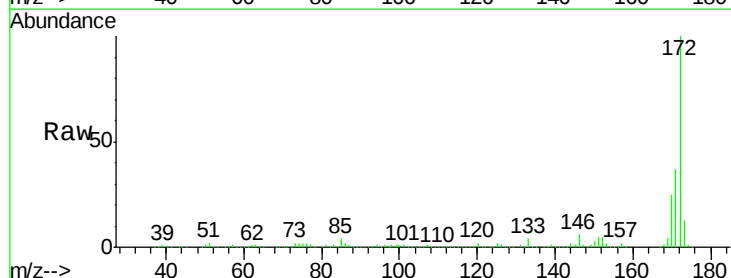


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

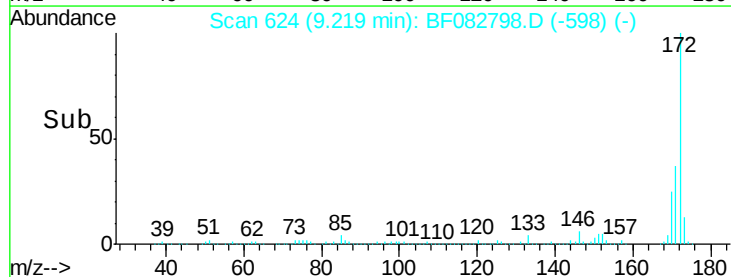
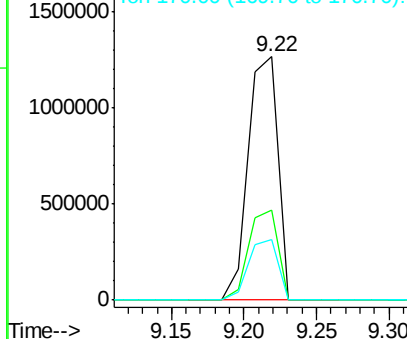


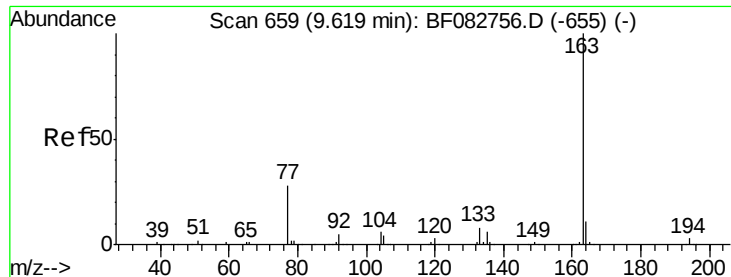
#44
 2-Fluorobiphenyl
 Concen: 61.18 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Tgt Ion:172 Resp: 1799839
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.9 21.2 31.8



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

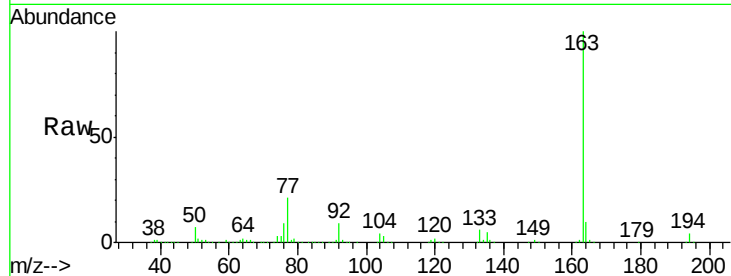




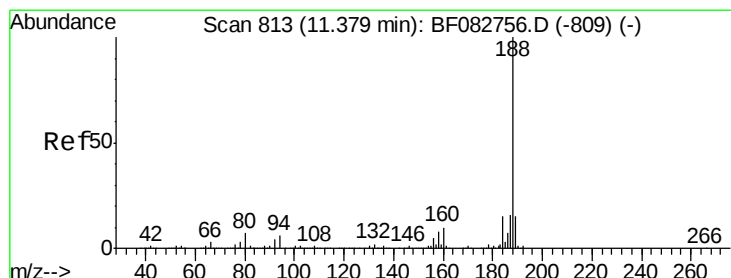
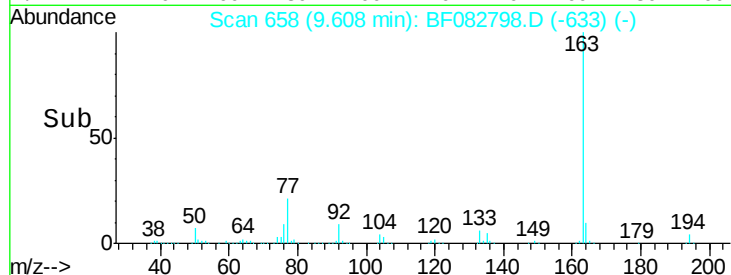
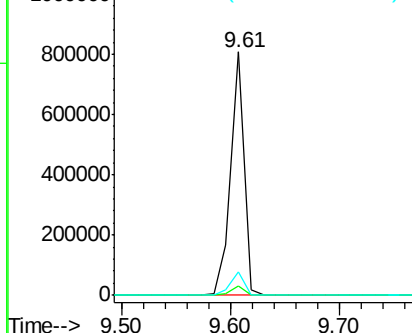
#49
Dimethylphthalate
Concen: 19.90 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

Instrument :
BNA_F
ClientSampleId :
T-14C

Tot Ion:163 Resp: 687410
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.9 8.7 13.1

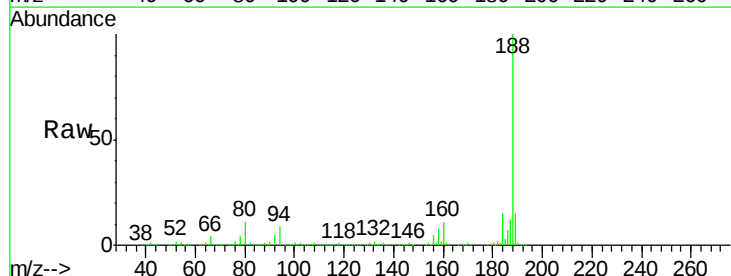


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

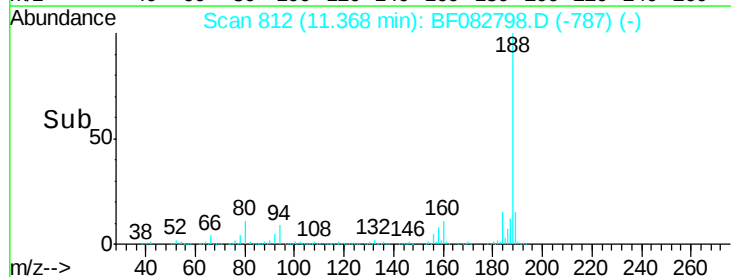
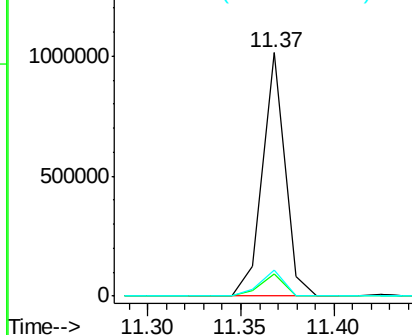


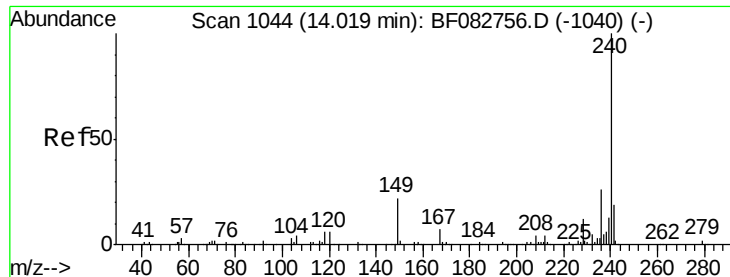
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

Tgt Ion:188 Resp: 843427
Ion Ratio Lower Upper
188 100
94 9.3 6.1 9.1#
80 10.6 7.0 10.6#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082798.D

Acq: 7 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

T-14C

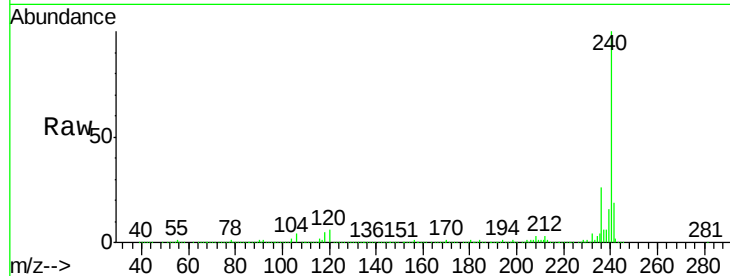
Tot Ion:240 Resp: 750550

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

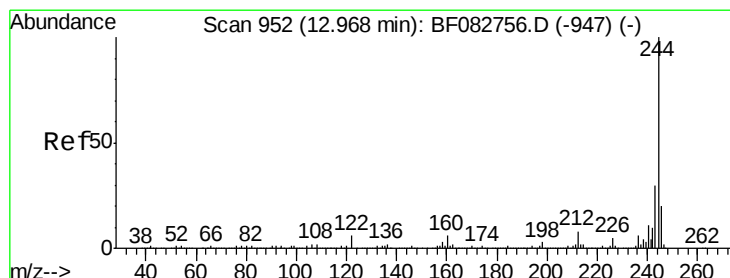
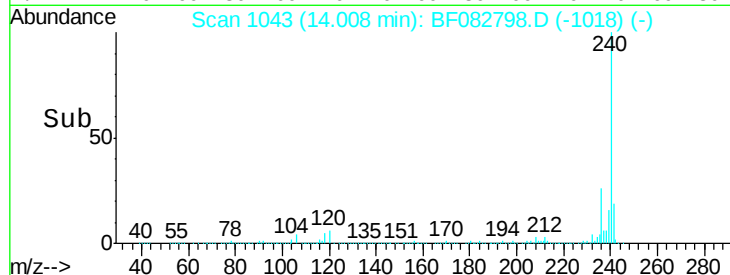
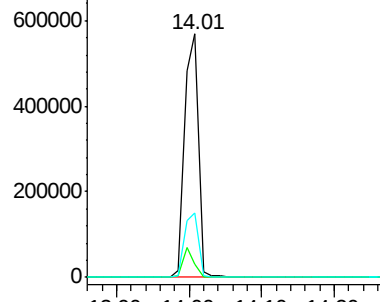
236 26.3 21.6 32.4



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: 48.97 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082798.D

Acq: 7 Nov 2015 9:08

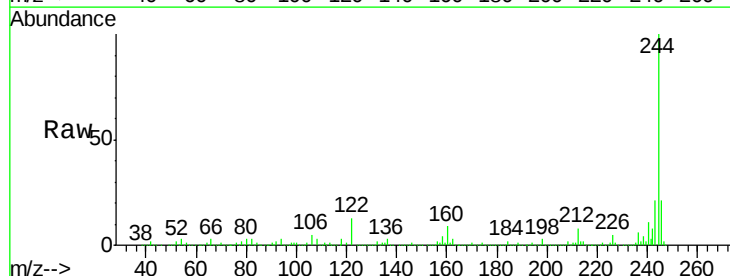
Tgt Ion:244 Resp: 1549656

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

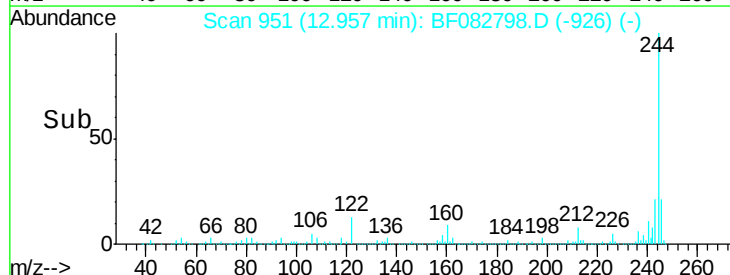
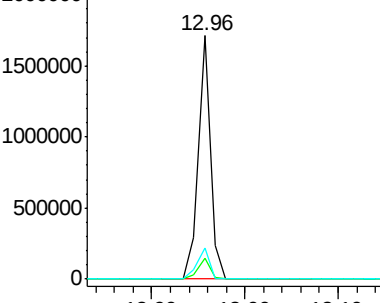
122 13.0 11.3 16.9

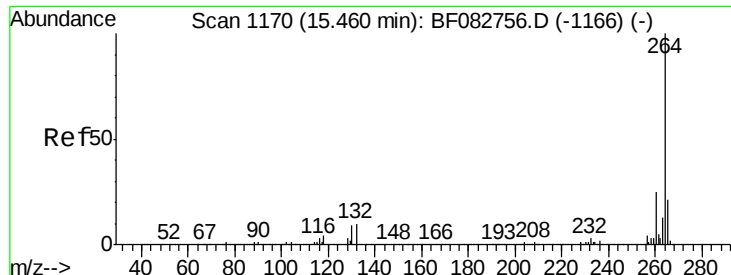


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

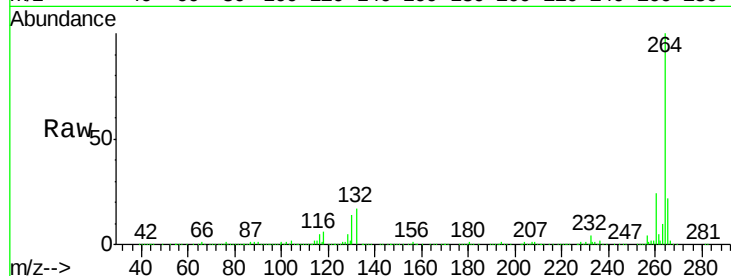




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.0	17.4	26.0



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

