

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 08 23:58:02 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

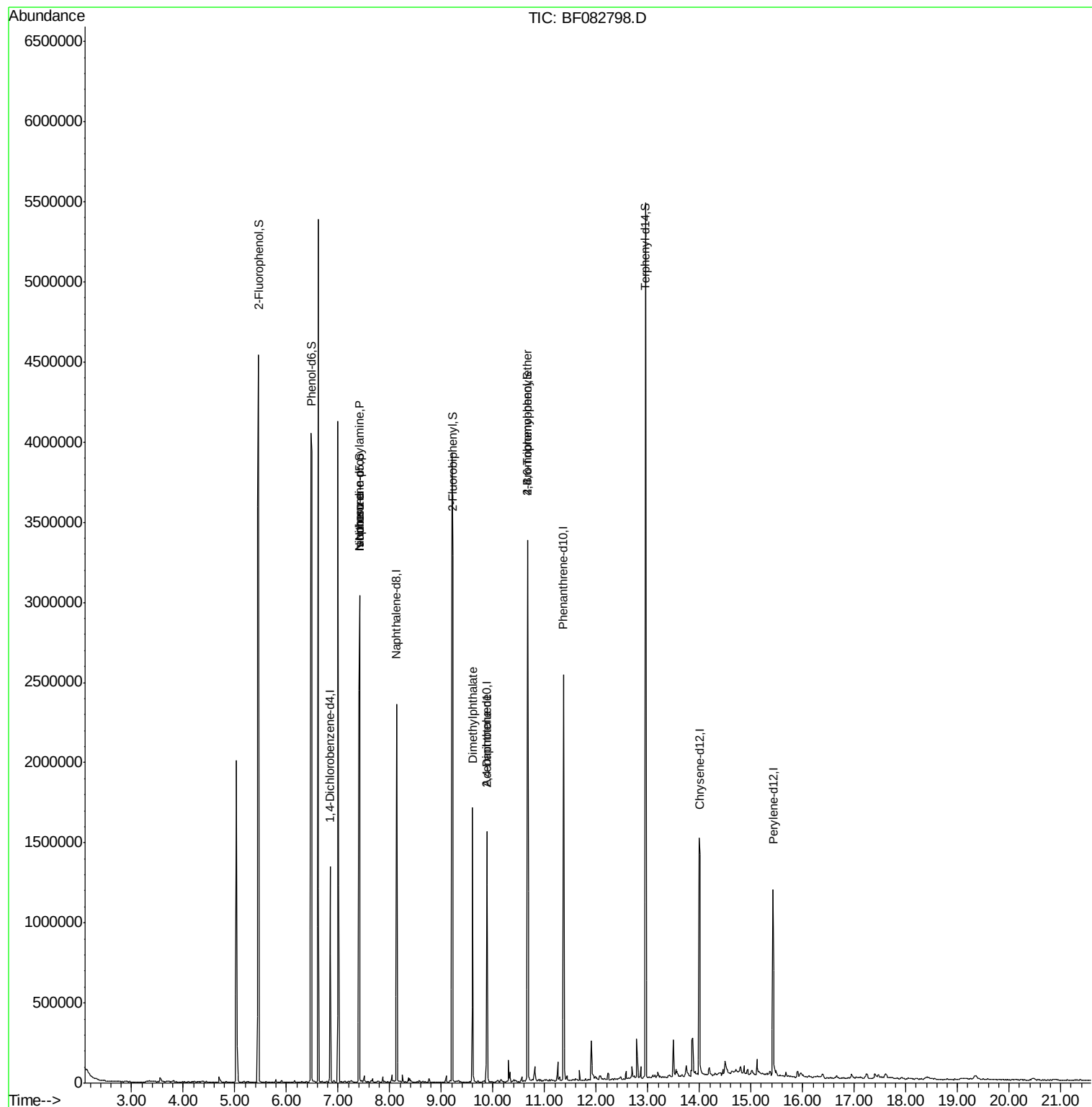
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	243466	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	978910	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	421645	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	843427	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	750550	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						
19) n-Nitroso-di-n-propylamine	7.41	70	195628	12.79	ng	# 64
25) Isophorone	7.41	82	1347315	32.37	ng	# 70
49) Dimethylphthalate	9.61	163	687410	19.90	ng	98
56) 2,4-Dinitrotoluene	9.88	165	54716	5.47	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	27998	2.76	ng	# 1

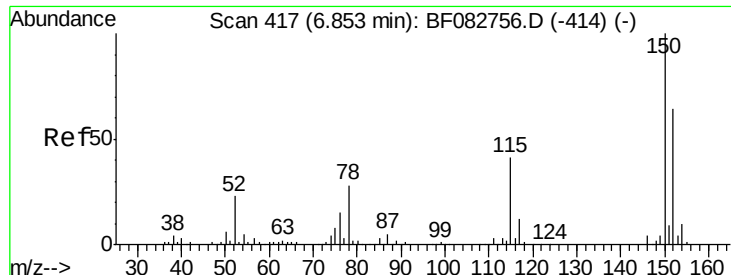
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

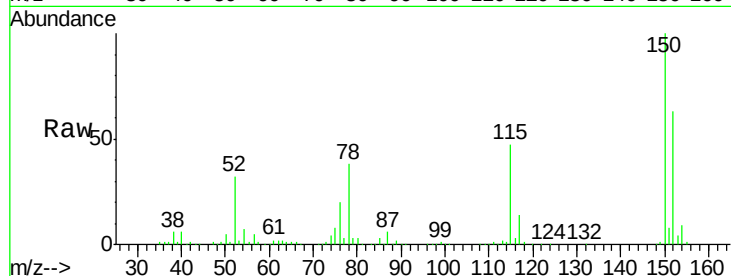
Tgt Ion:152 Resp: 243466

Ion Ratio Lower Upper

152 100

150 159.8 127.0 190.4

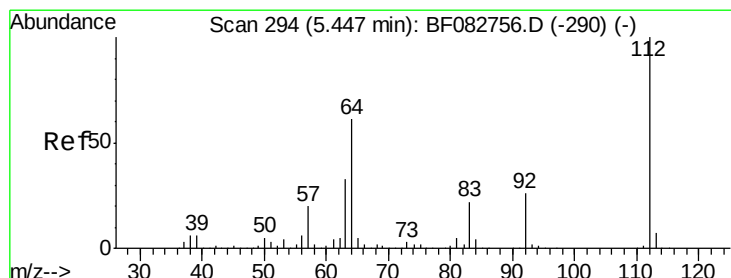
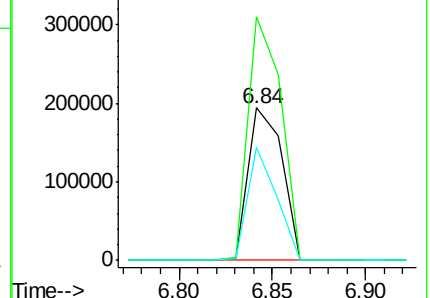
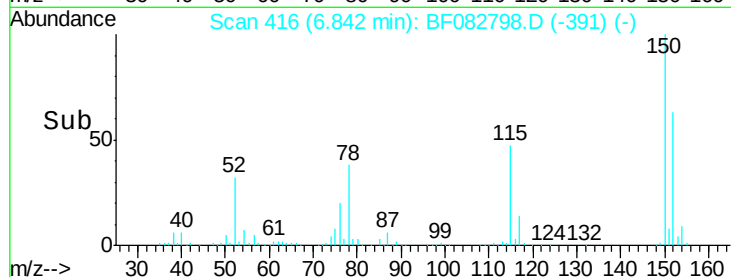
115 74.5 47.0 70.6#



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

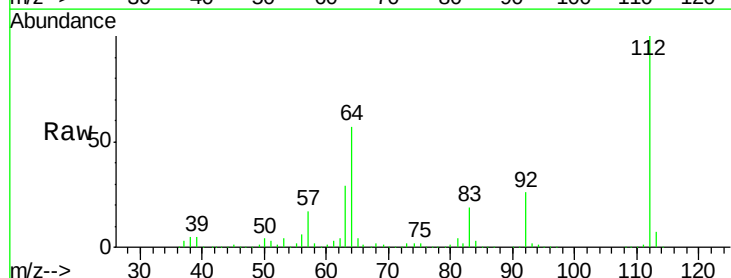
Tgt Ion:112 Resp: 1641678

Ion Ratio Lower Upper

112 100

64 56.7 48.9 73.3

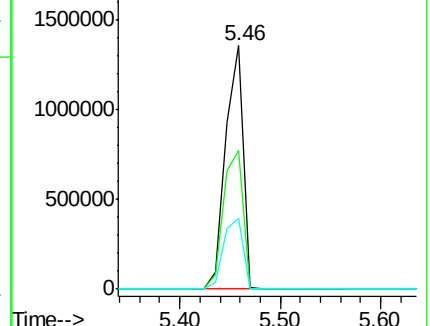
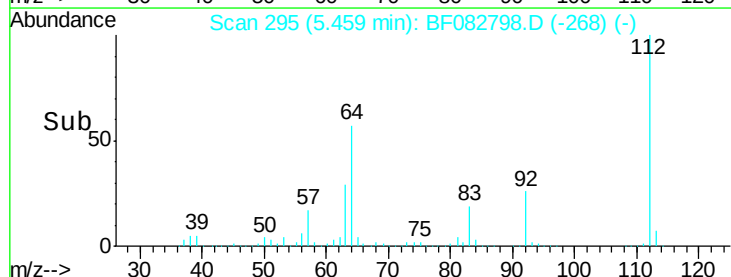
63 29.3 28.1 42.1

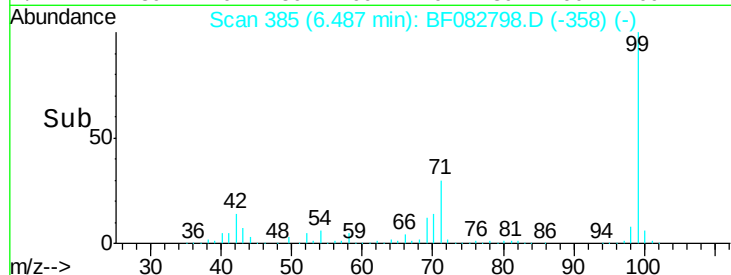
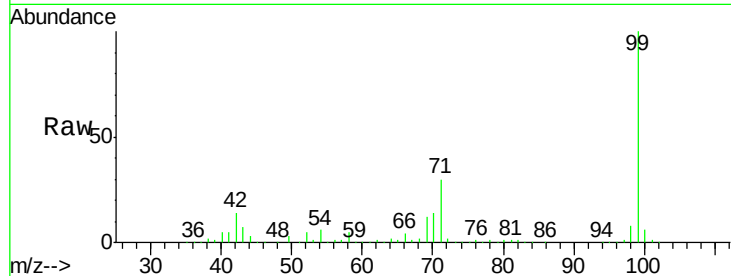
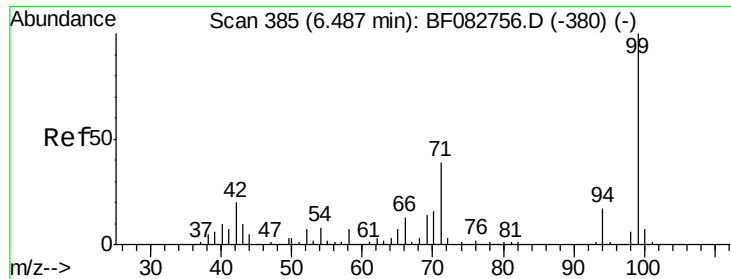


Abundance Ion 112.00 (111.70 to 112.70): E

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

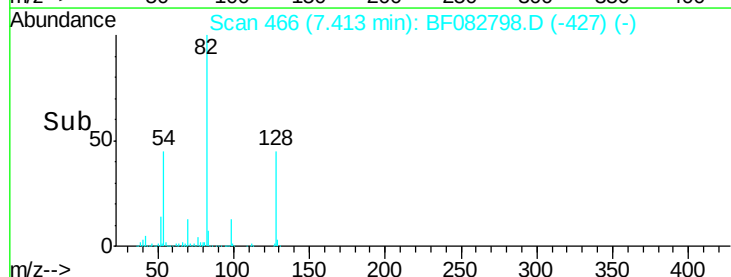
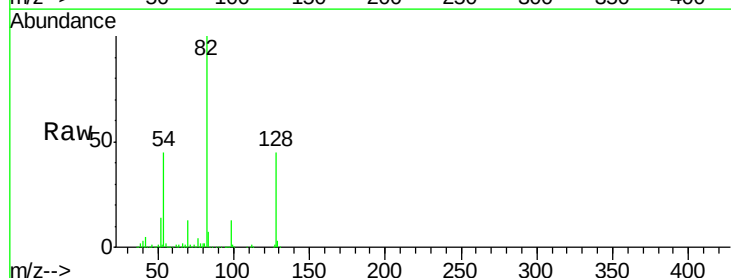
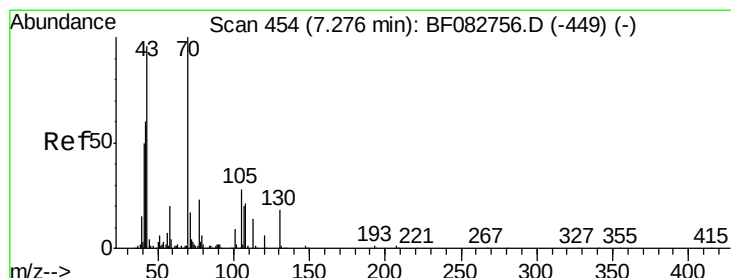
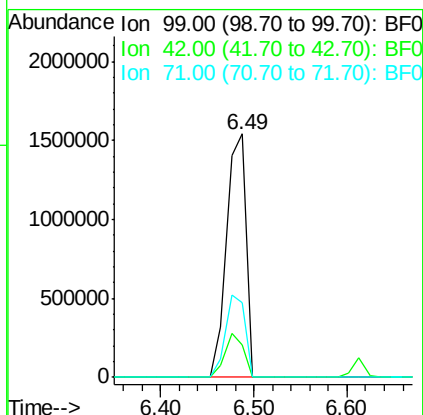
Tgt Ion: 99 Resp: 2253890

Ion Ratio Lower Upper

99 100

42 13.5 19.2 28.8#

71 30.5 35.0 52.4#



#19

n-Nitroso-di-n-propylamine

Concen: 12.79 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082798.D

Acq: 7 Nov 2015 9:08

Tgt Ion: 70 Resp: 195628

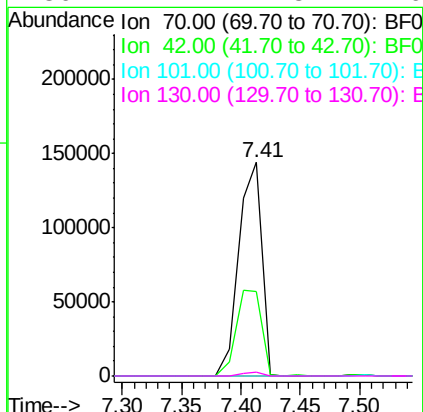
Ion Ratio Lower Upper

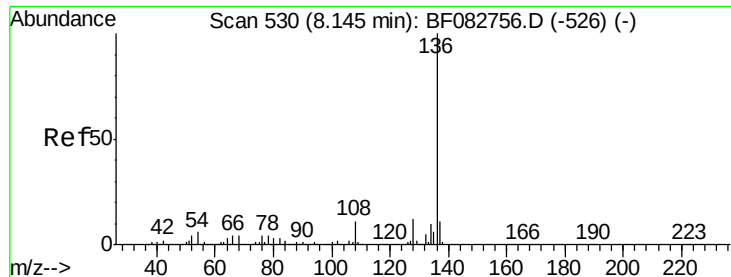
70 100

42 39.7 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 11.8 17.6#

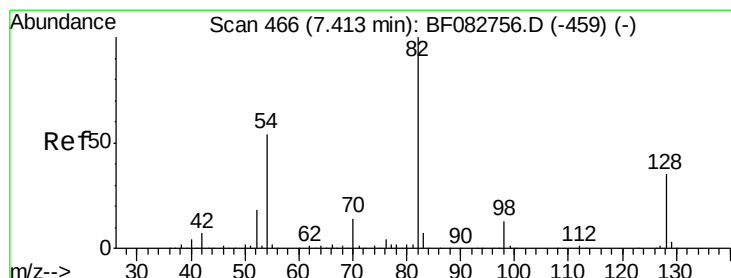
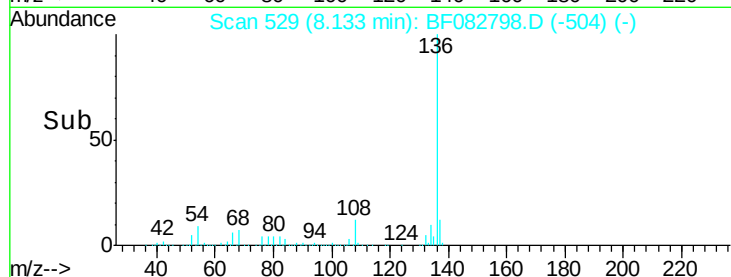
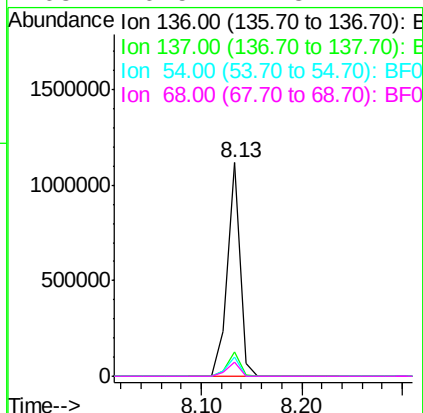
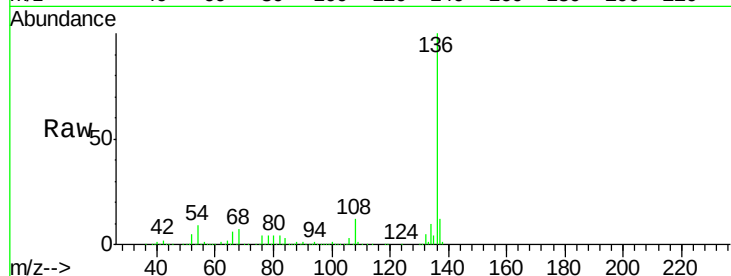




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

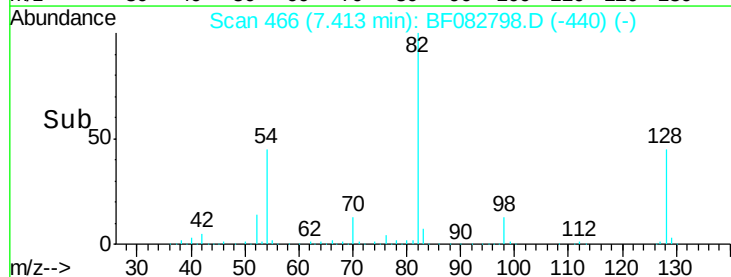
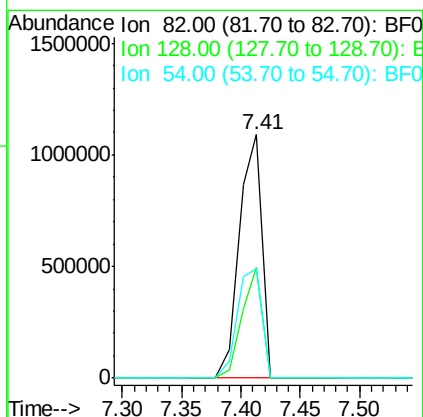
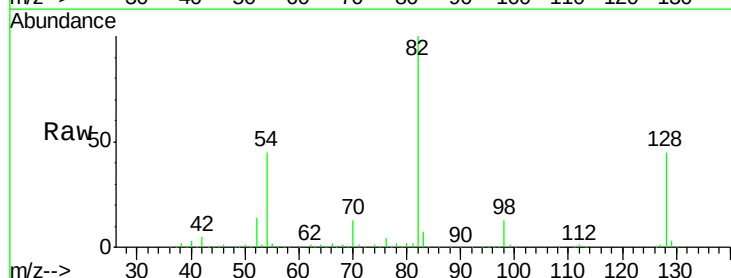
Instrument :
BNA_F
ClientSampleId :
T-14C

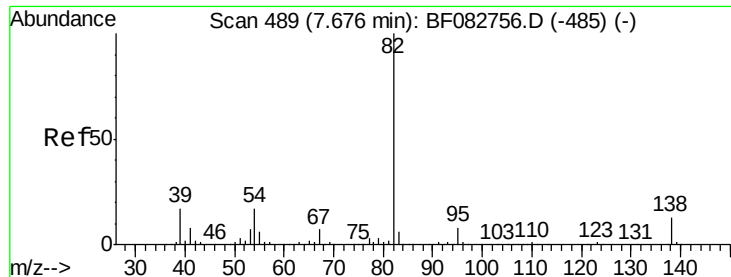
Tgt Ion:	136	Resp:	978910
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.7	9.1	13.7#
68	6.5	4.8	7.2



#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

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





#25

Isophorone

Concen: 32.37 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082798.D

Acq: 7 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleID :

T-14C

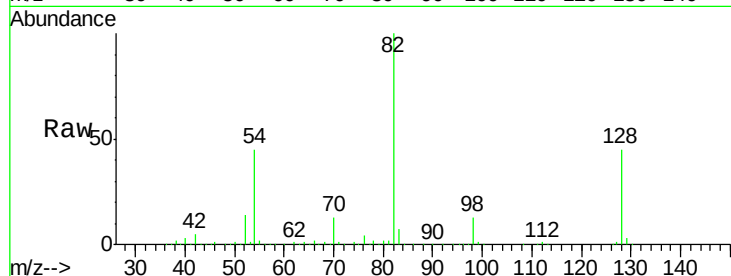
Tgt Ion: 82 Resp: 1347315

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#

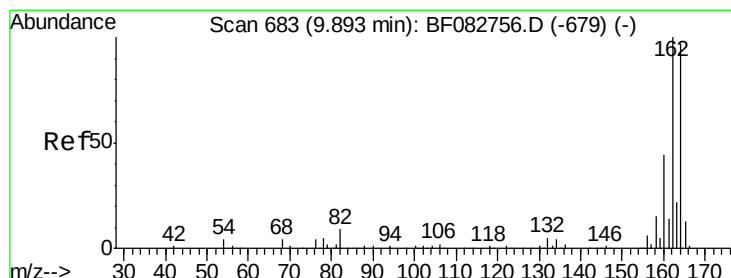
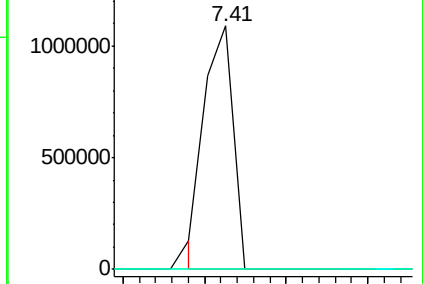
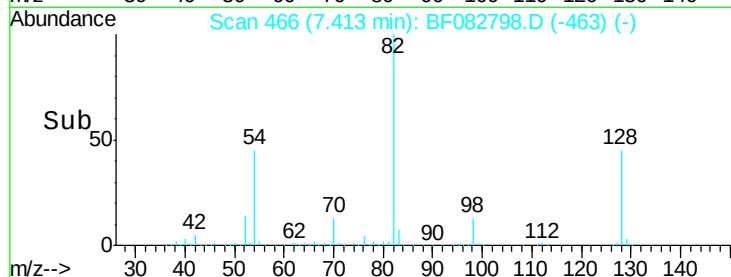


Abundance Ion 82.00 (81.70 to 82.70): BF082798.D (-463) (-)

Ion 95.00 (94.70 to 95.70): BF082798.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF082798.D (-463) (-)

Time-->



#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

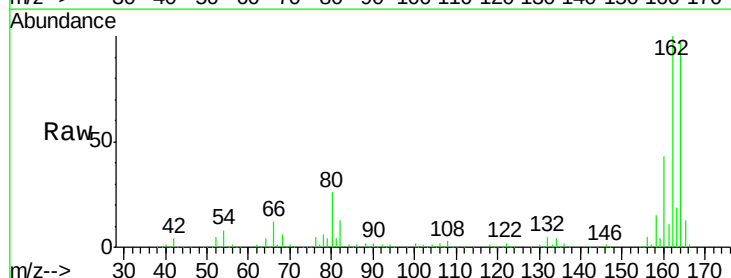
Tgt Ion: 164 Resp: 421645

Ion Ratio Lower Upper

164 100

162 102.6 84.9 127.3

160 44.1 37.5 56.3

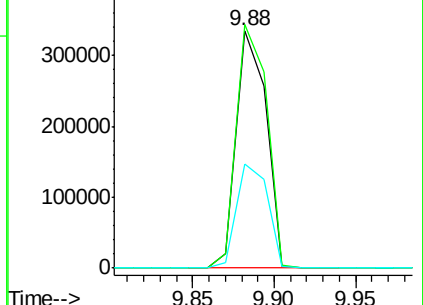
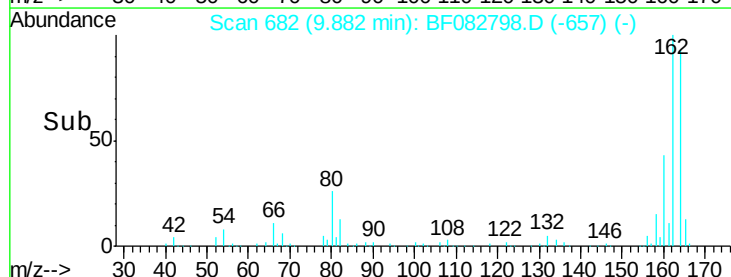


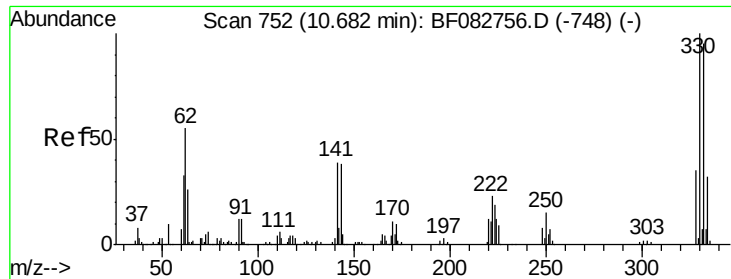
Abundance Ion 164.00 (163.70 to 164.70): BF082798.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF082798.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF082798.D (-657) (-)

Time-->

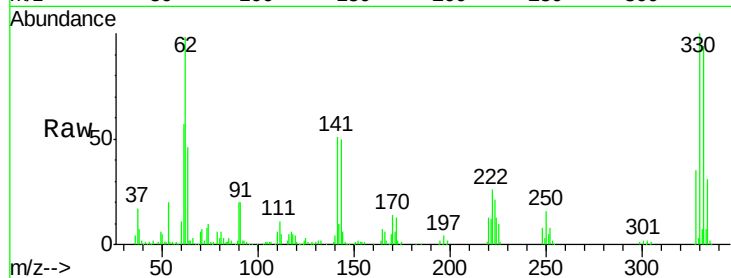




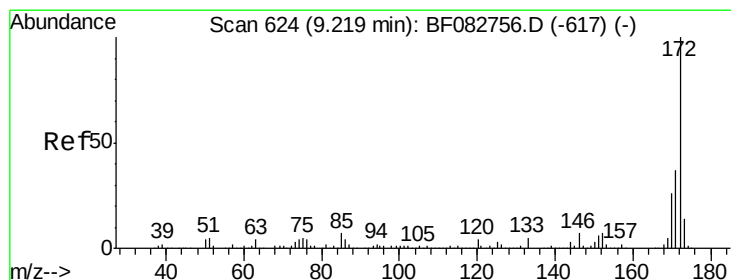
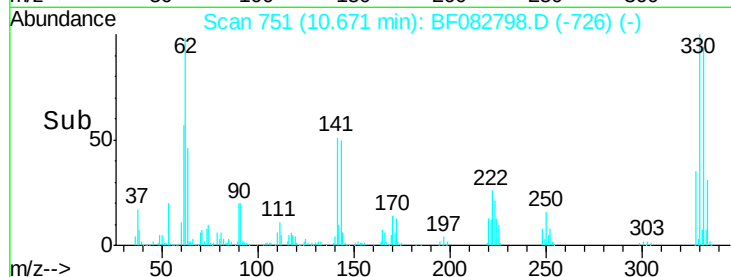
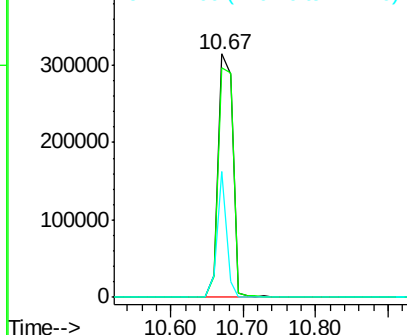
#41
 2,4,6-Tribromophenol
 Concen: 91.69 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

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

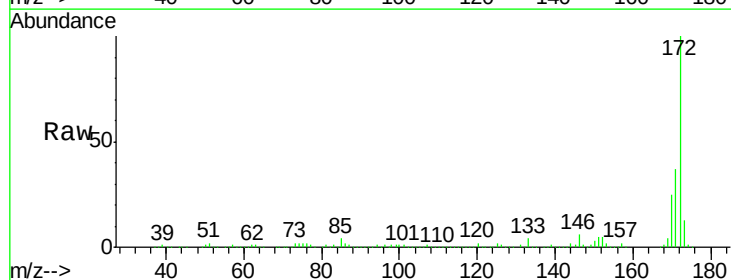


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

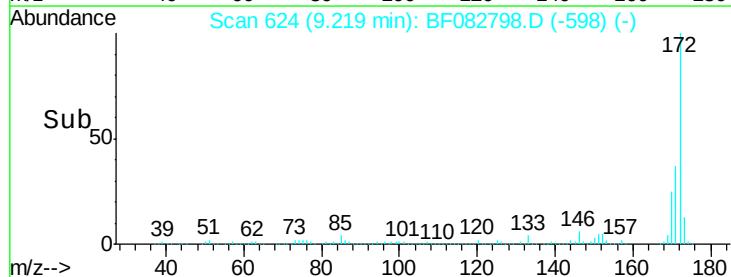
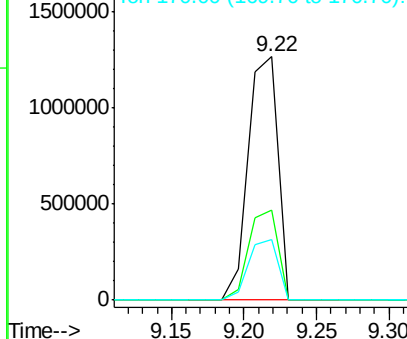


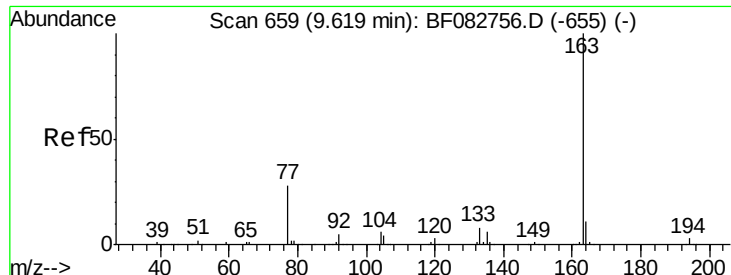
#44
 2-Fluorobiphenyl
 Concen: 61.18 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082798.D
 Acq: 7 Nov 2015 9:08

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

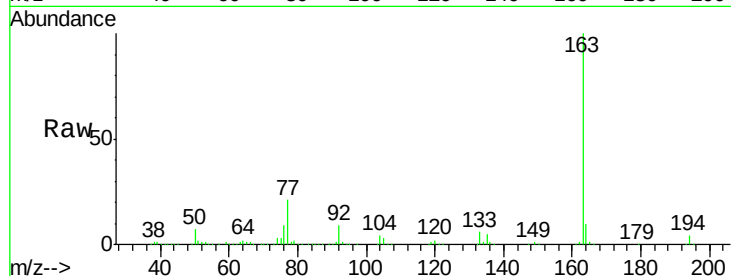




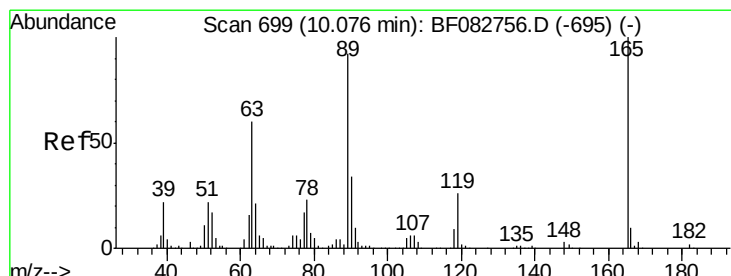
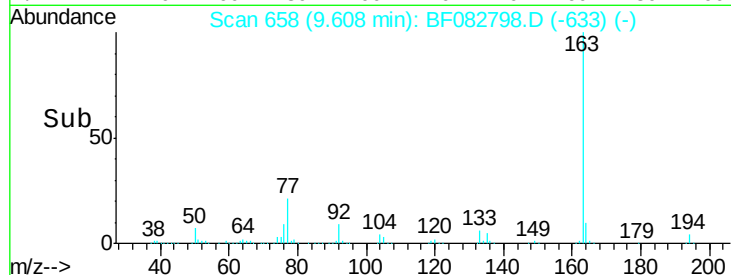
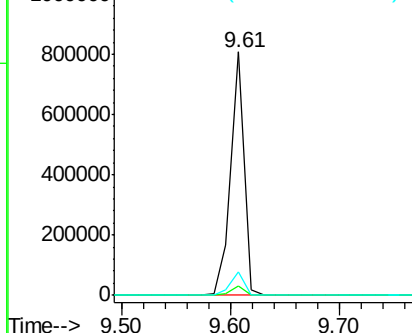
#49
Dimethylphthalate
Concen: 19.90 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

Instrument :
BNA_F
ClientSampleId :
T-14C

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

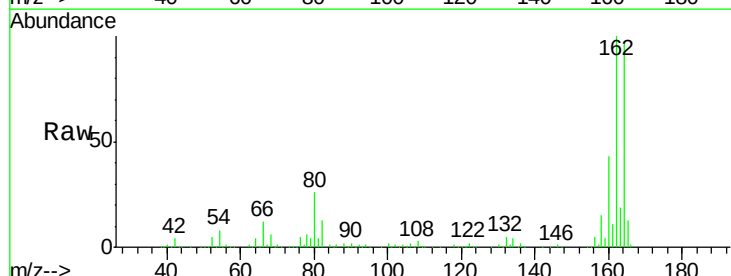


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

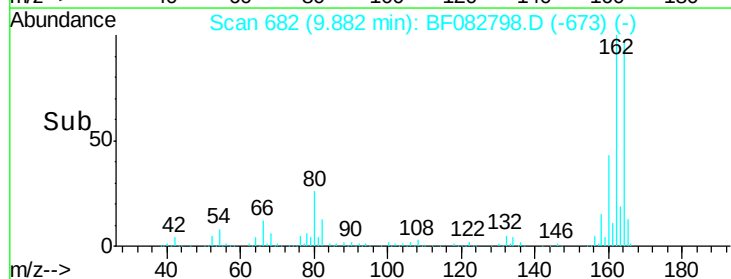
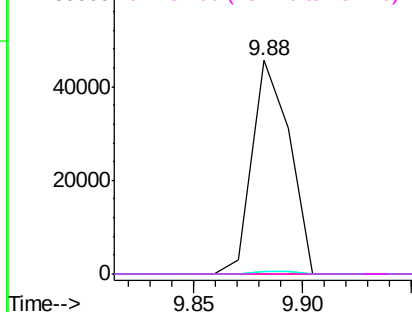


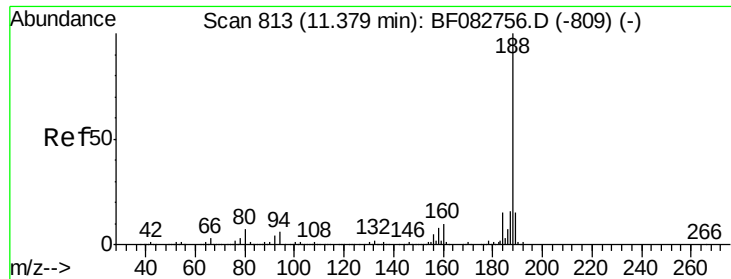
#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

Tgt Ion:165 Resp: 54716
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.4 70.6 106.0#
182 0.0 1.5 2.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

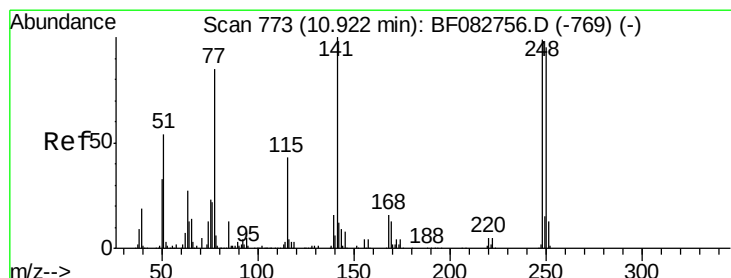
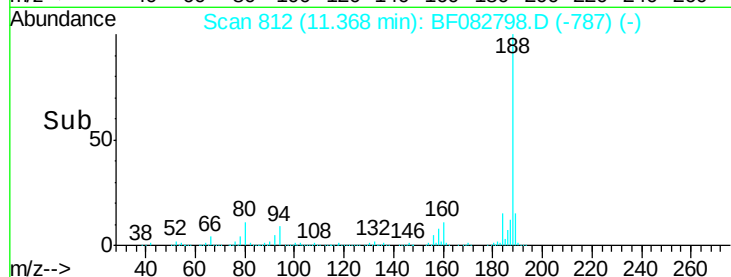
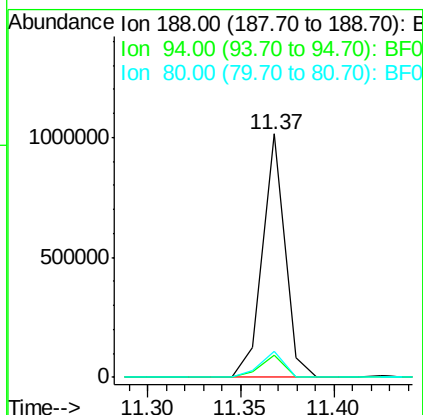
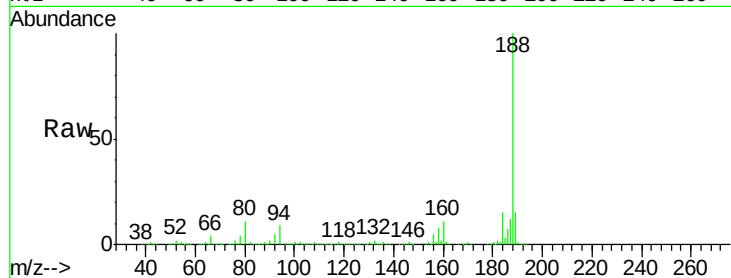




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

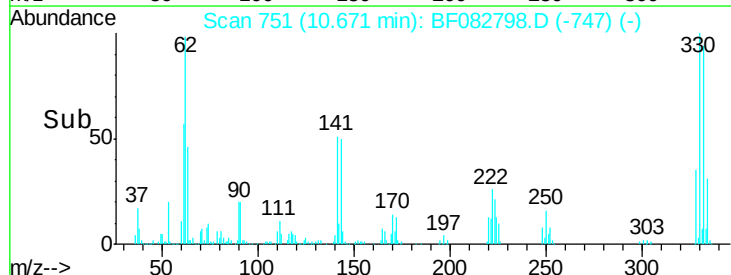
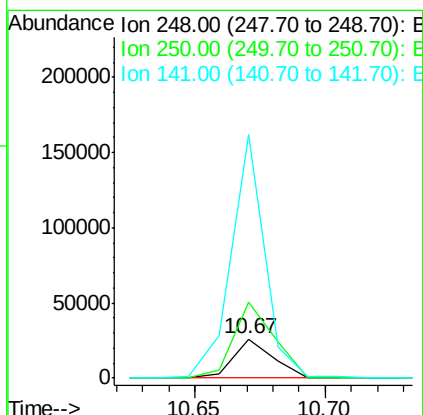
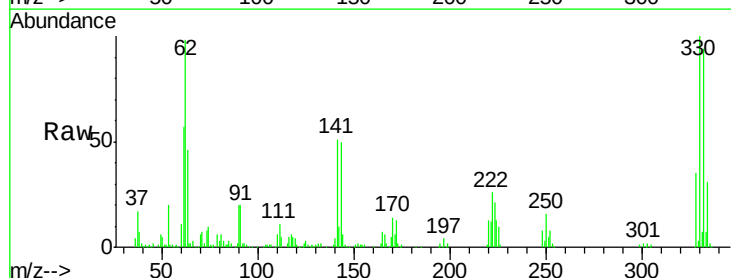
Instrument :
BNA_F
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T-14C

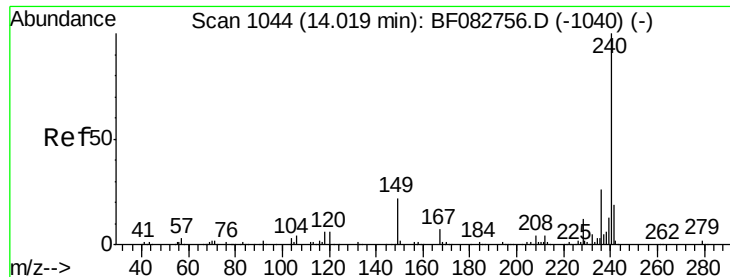
Tgt Ion:188 Resp: 843427
Ion Ratio Lower Upper
188 100
94 9.3 6.1 9.1#
80 10.6 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

Tgt Ion:248 Resp: 27998
Ion Ratio Lower Upper
248 100
250 194.6 79.4 119.2#
141 623.2 36.3 54.5#





#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

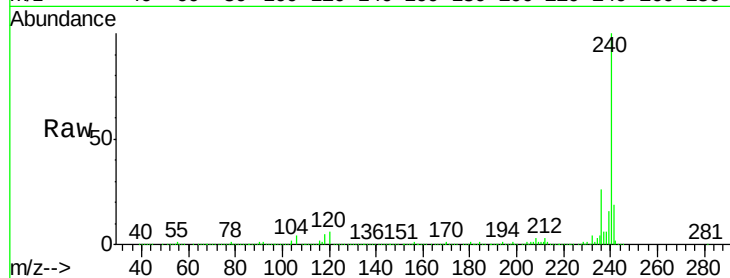
Tgt Ion:240 Resp: 750550

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

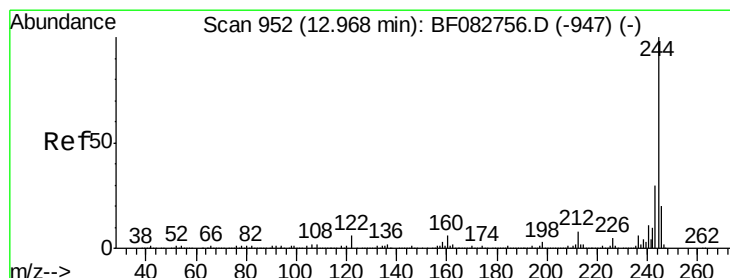
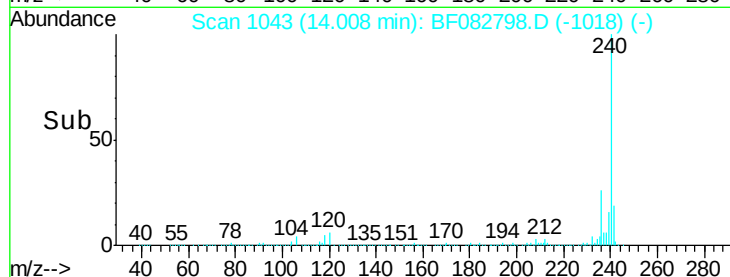
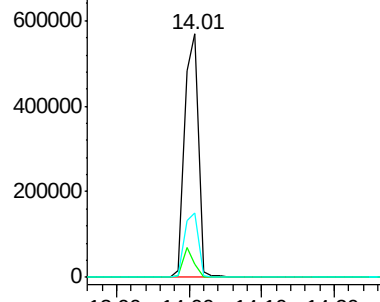
236 26.3 21.6 32.4



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

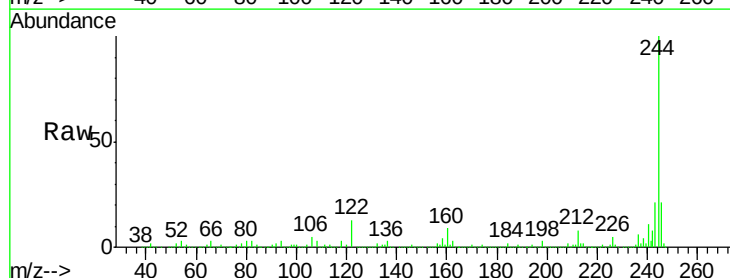
Tgt Ion:244 Resp: 1549656

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

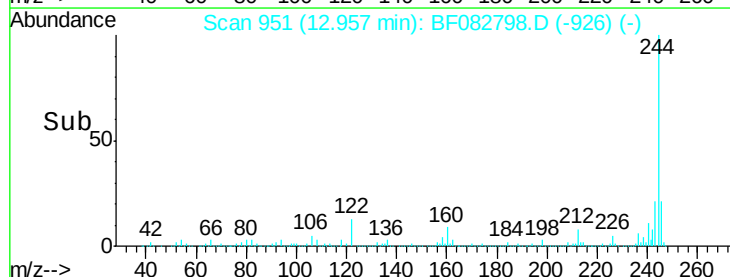
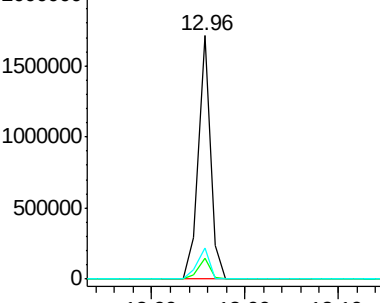
122 13.0 11.3 16.9

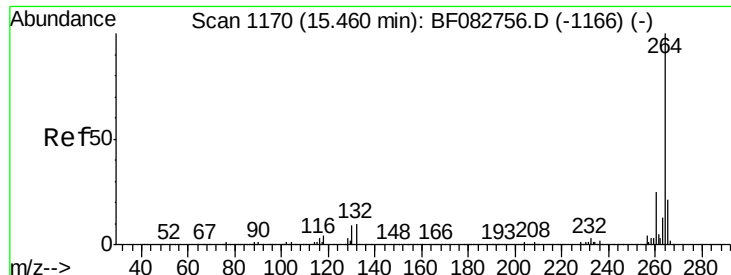


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

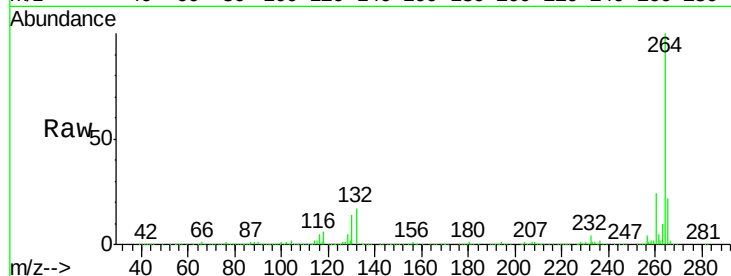




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082798.D
Acq: 7 Nov 2015 9:08

Instrument :
BNA_F
ClientSampleId :
T-14C

Tgt 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

