

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082887.D
 Acq On : 10 Nov 2015 23:40
 Operator : UM/IZ
 Sample : G4246-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Quant Time: Nov 13 17:37:54 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

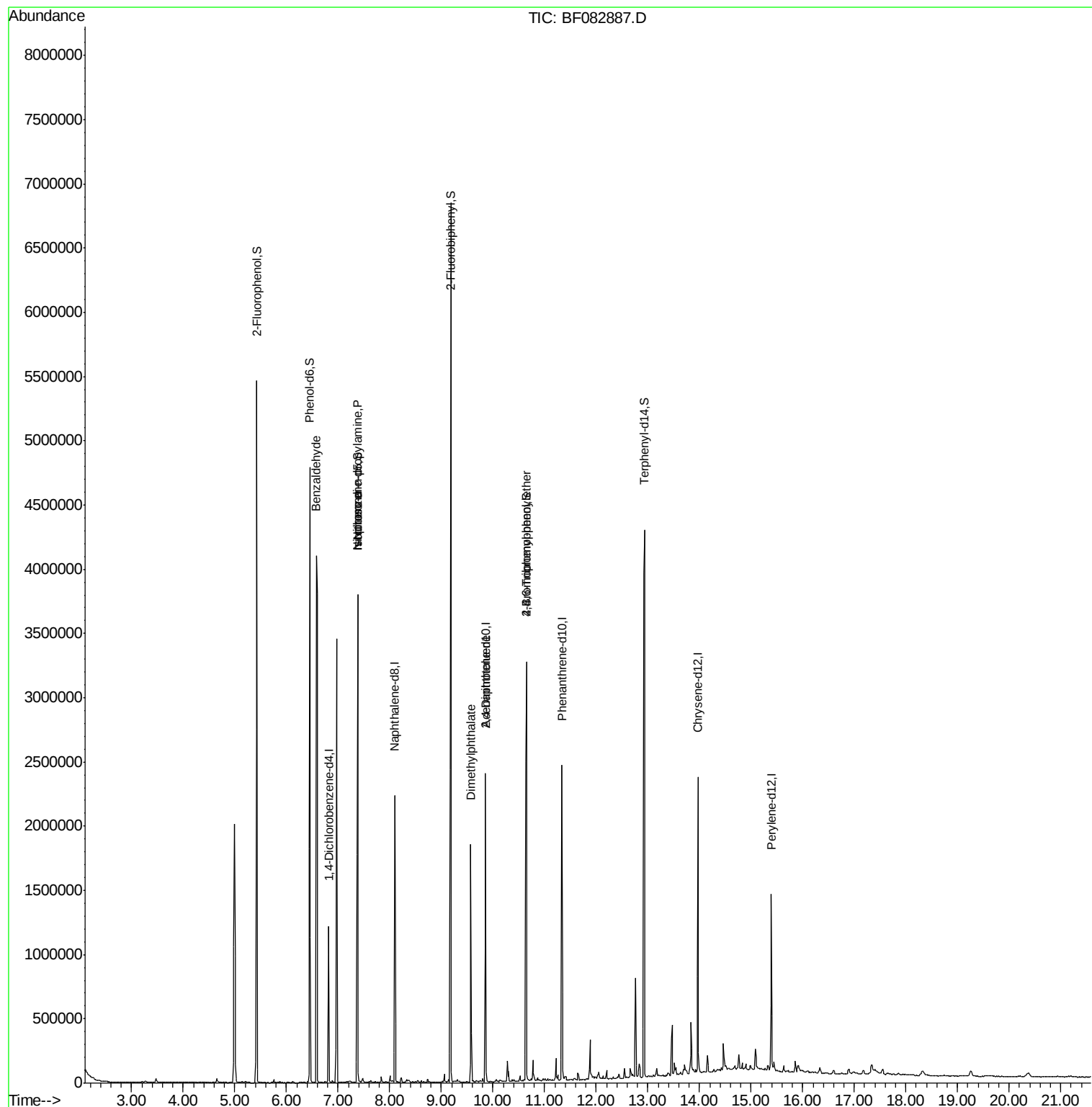
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	252304	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	942522	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	527447	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	884485	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	796306	20.00	ng	-0.05
86) Perylene-d12	15.39	264	621131	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1571688	96.92	ng	-0.02
7) Phenol-d6	6.45	99	1916410	88.90	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1407916	65.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	521068	86.16	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2087427	56.72	ng	-0.03
78) Terphenyl-d14	12.93	244	1979894	58.97	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.58	77	40177	3.37	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.38	70	196230	12.38	ng	# 69
25) Isophorone	7.38	82	1368558	34.15	ng	# 70
49) Dimethylphthalate	9.57	163	708307	16.39	ng	100
56) 2,4-Dinitrotoluene	9.86	165	69730	5.57	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	37362	3.51	ng	# 1

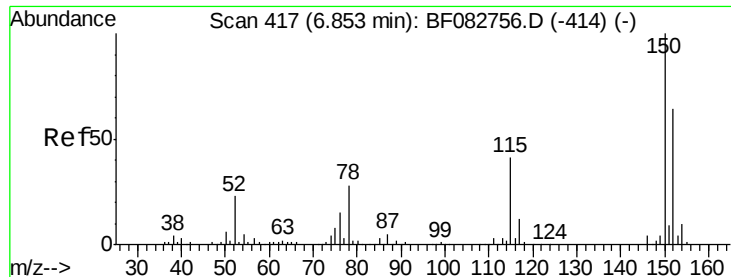
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

BNA_F

ClientSampleId :

T-14C

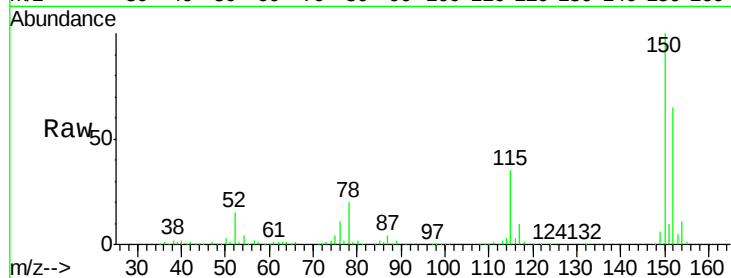
Tgt Ion:152 Resp: 252304

Ion Ratio Lower Upper

152 100

150 154.8 127.0 190.4

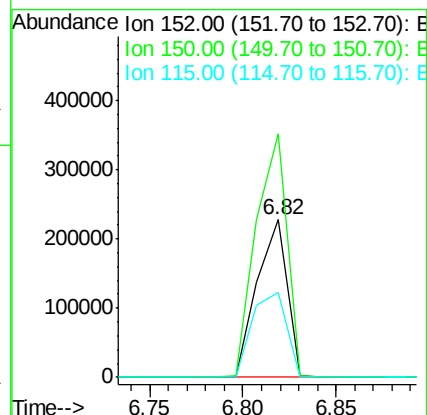
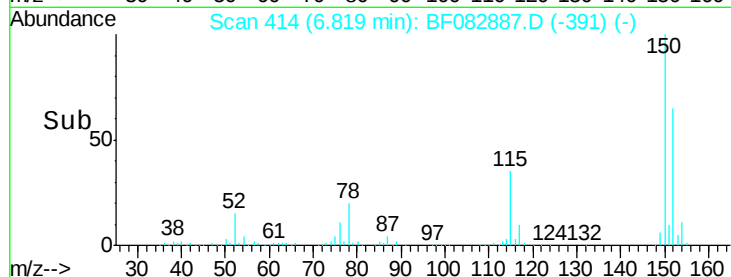
115 53.9 47.0 70.6



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: 96.92 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

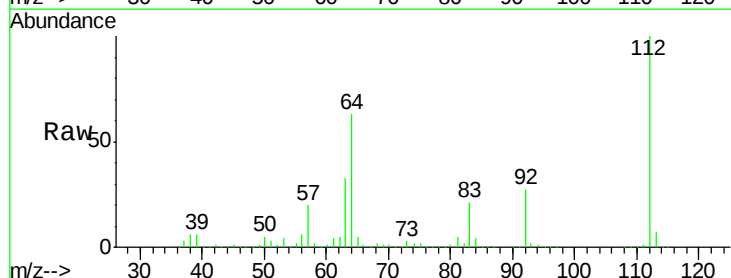
Tgt Ion:112 Resp: 1571688

Ion Ratio Lower Upper

112 100

64 63.2 48.9 73.3

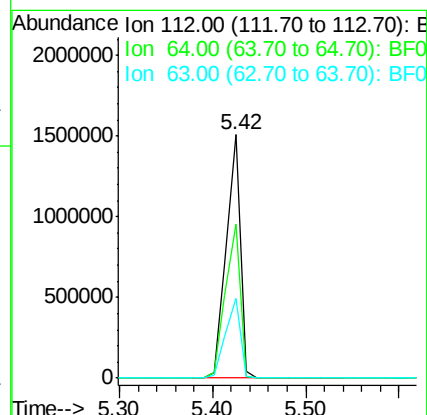
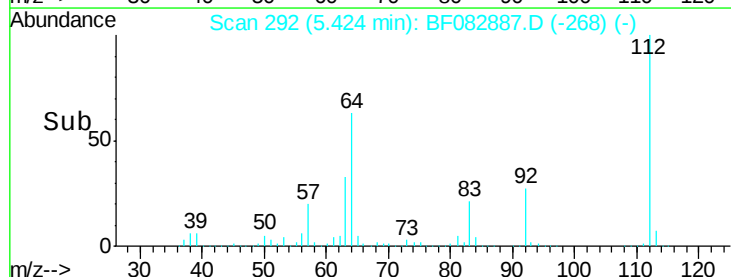
63 32.7 28.1 42.1



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: 88.90 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

BNA_F

ClientSampled :

T-14C

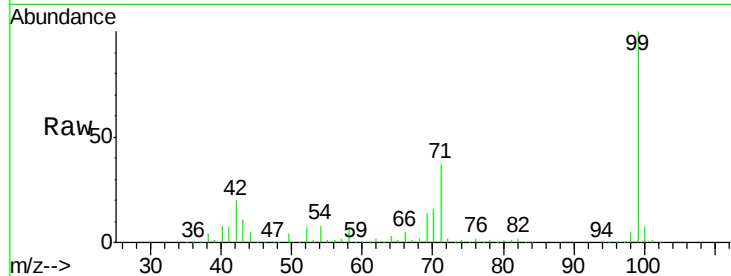
Tgt Ion: 99 Resp: 1916410

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

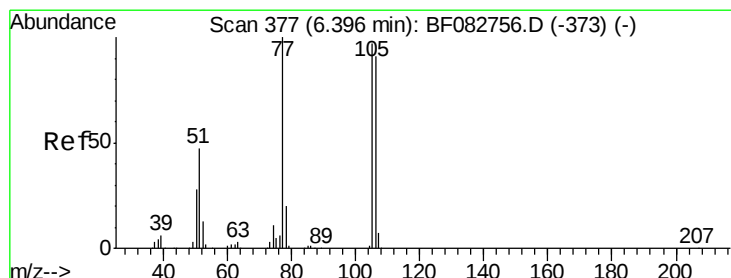
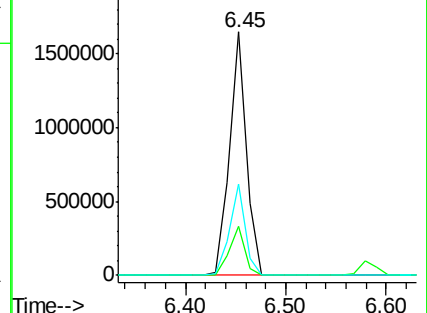
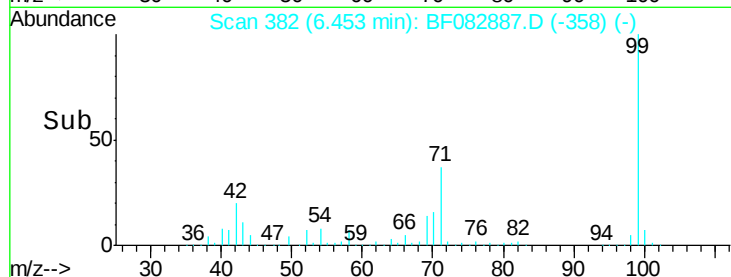
71 37.3 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.37 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

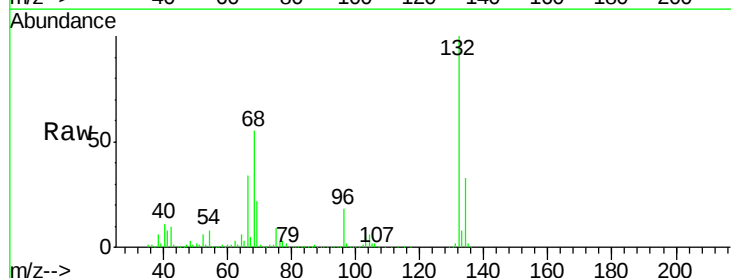
Tgt Ion: 77 Resp: 40177

Ion Ratio Lower Upper

77 100

105 66.4 63.5 103.5

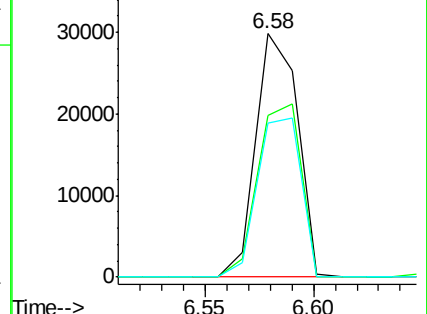
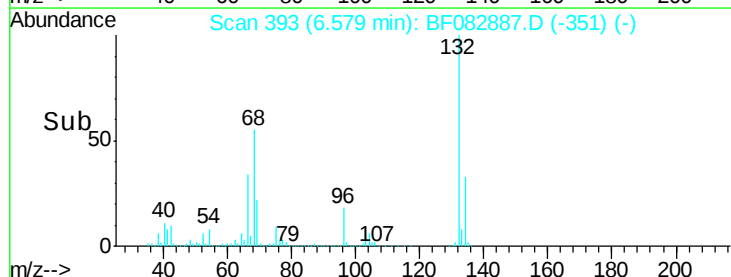
106 63.2 59.3 99.3

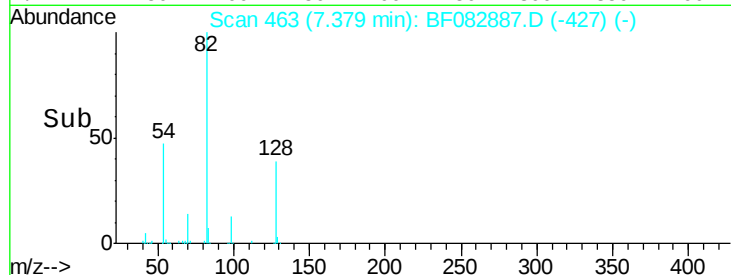
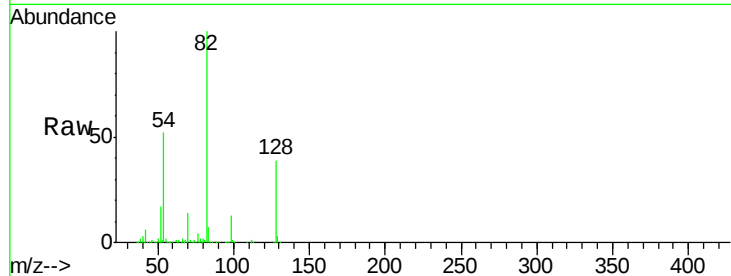


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

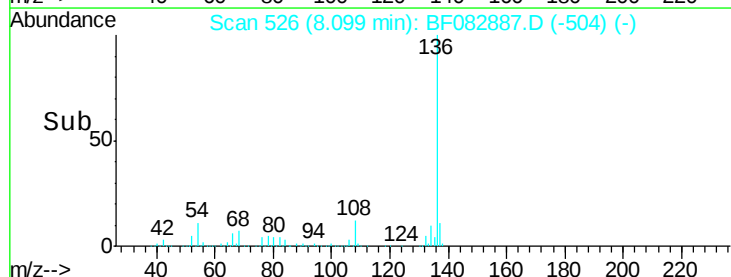
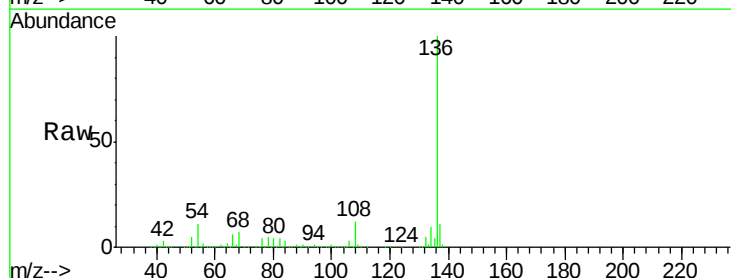
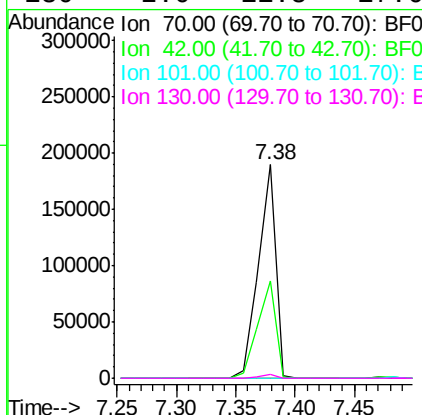




#19
n-Nitroso-di-n-propylamine
Concen: 12.38 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082887.D
Acq: 10 Nov 2015 23:40

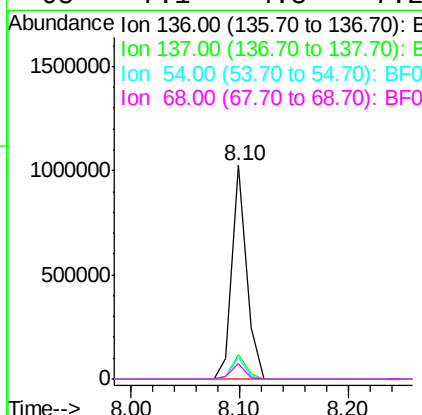
Instrument :
BNA_F
ClientSampled :
T-14C

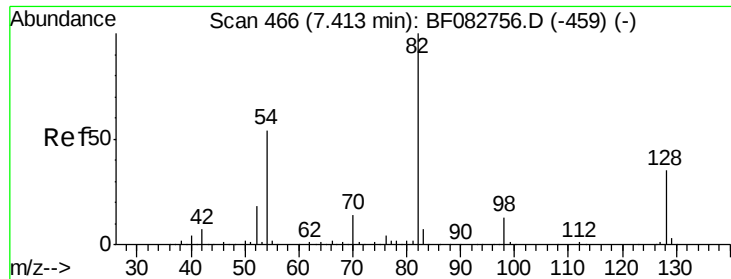
Tgt Ion:	70	Resp:	196230
Ion	Ratio	Lower	Upper
70	100		
42	45.6	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082887.D
Acq: 10 Nov 2015 23:40

Tgt Ion:	136	Resp:	942522
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.5	9.1	13.7
68	7.1	4.8	7.2

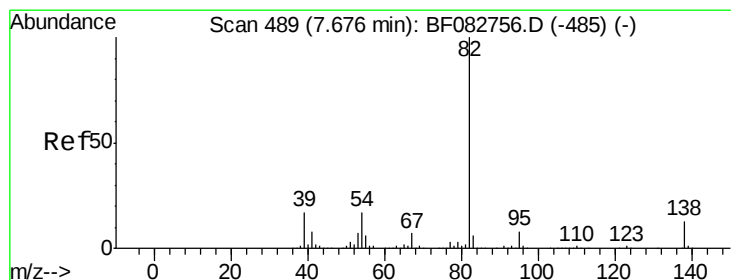
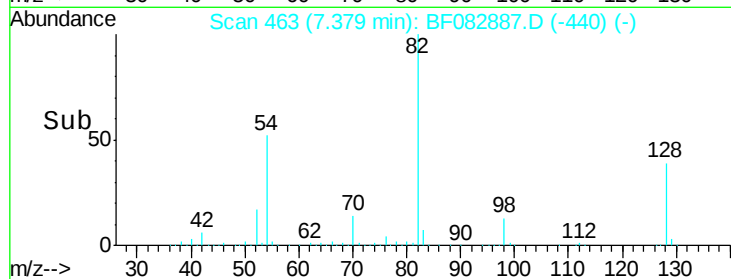
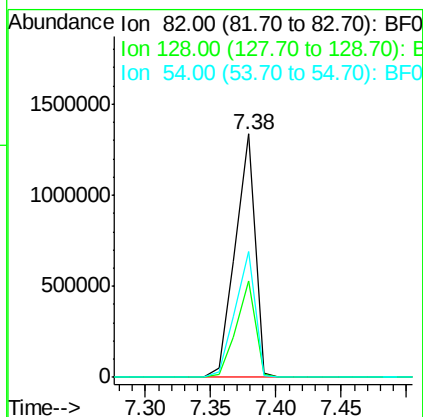
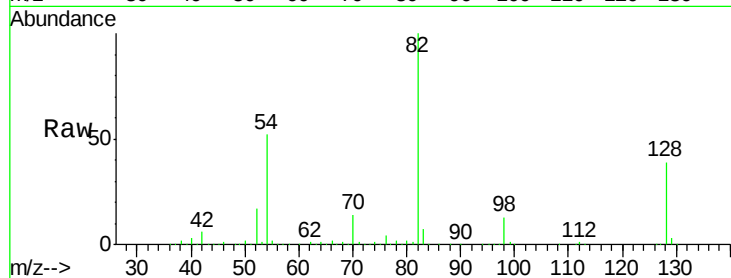




#23
 Nitrobenzene-d5
 Concen: 65.00 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

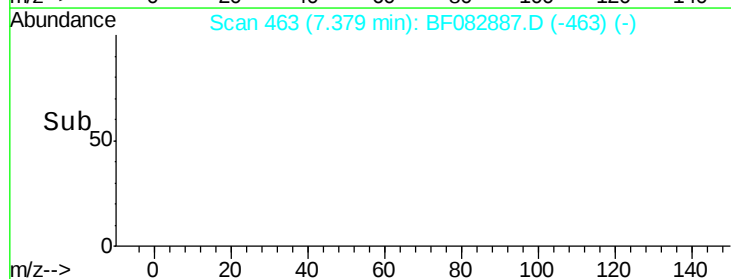
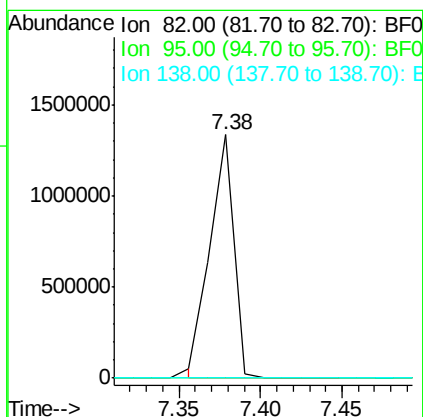
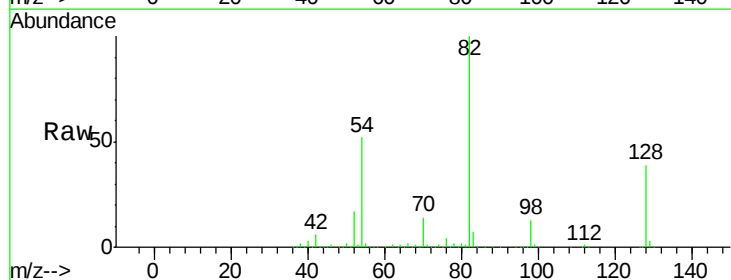
Instrument :
 BNA_F
 ClientSampleId :
 T-14C

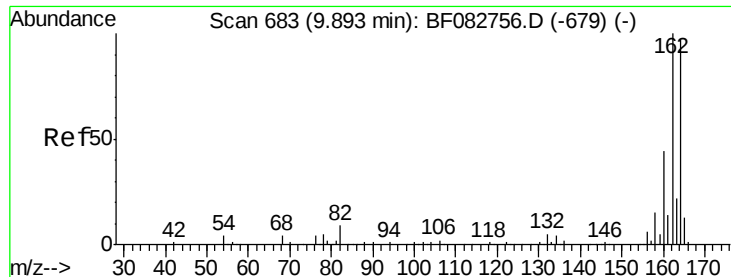
Tgt Ion: 82 Resp: 1407916
 Ion Ratio Lower Upper
 82 100
 128 39.4 26.8 40.2
 54 51.6 45.7 68.5



#25
 Isophorone
 Concen: 34.15 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.30 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Tgt Ion: 82 Resp: 1368558
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

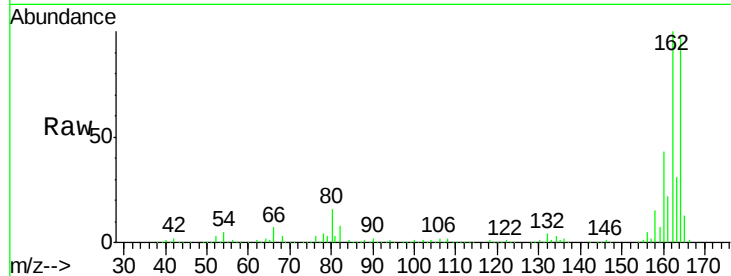




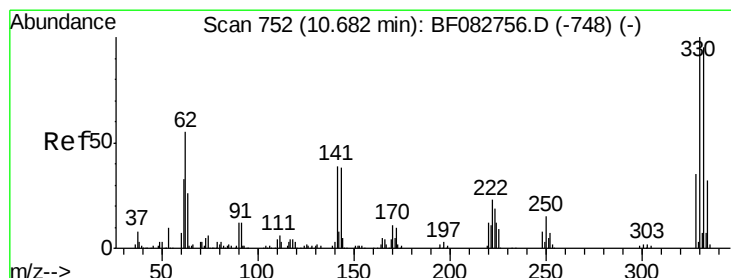
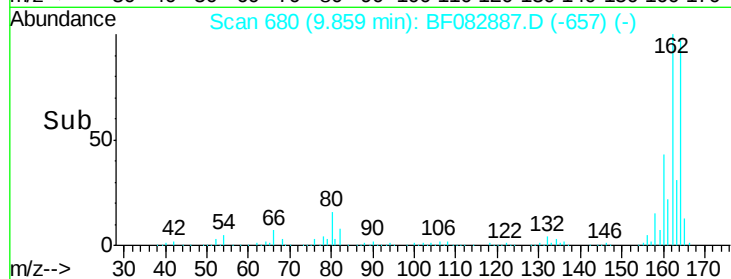
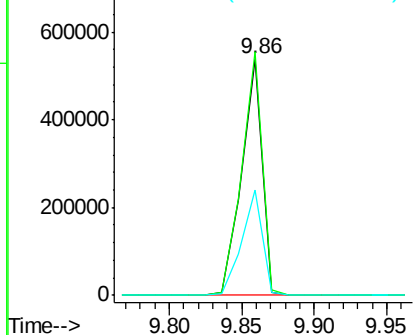
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tgt Ion:164 Resp: 527447
 Ion Ratio Lower Upper
 164 100
 162 103.1 84.9 127.3
 160 44.7 37.5 56.3

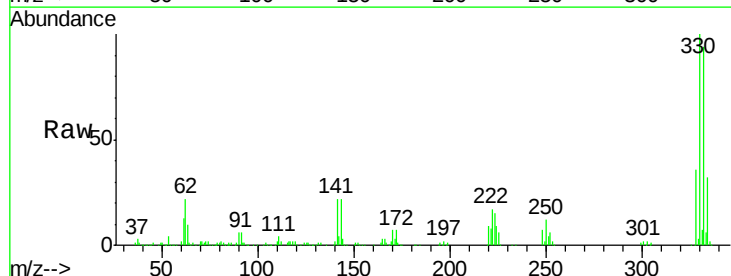


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

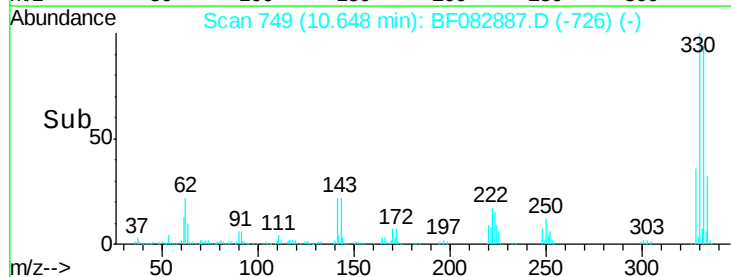
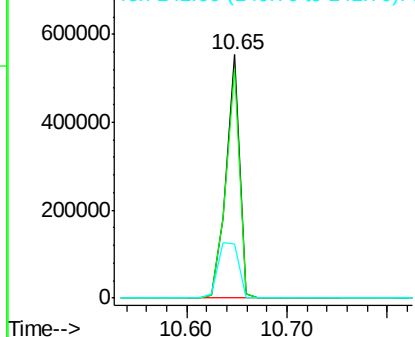


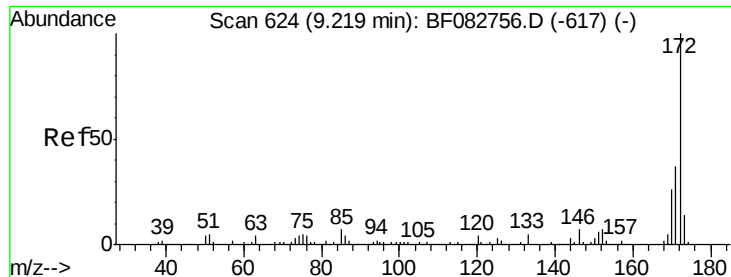
#41
 2,4,6-Tribromophenol
 Concen: 86.16 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Tgt Ion:330 Resp: 521068
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 34.6 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

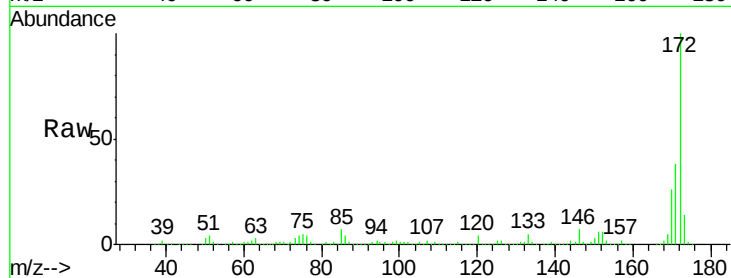




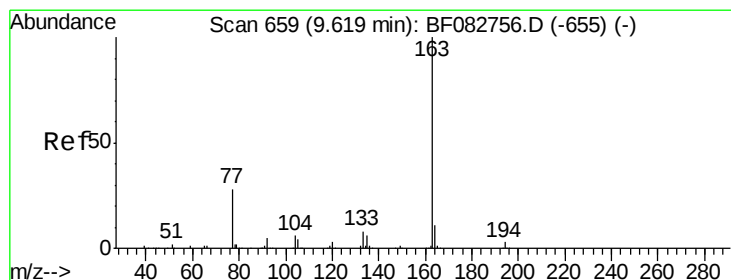
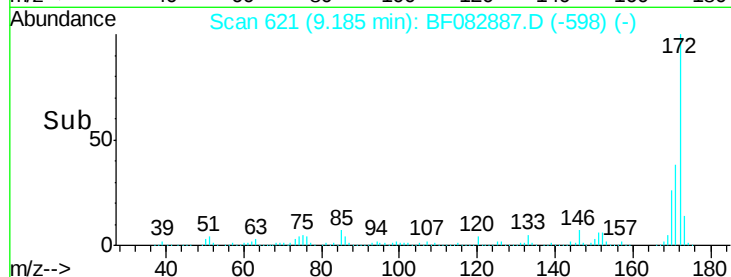
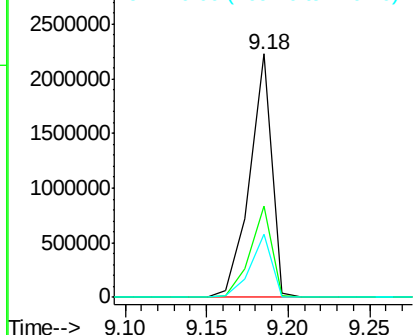
#44
 2-Fluorobiphenyl
 Concen: 56.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tgt Ion:172 Resp: 2087427
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.8 21.2 31.8

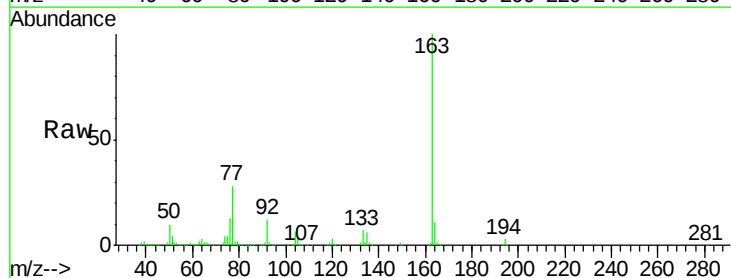


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

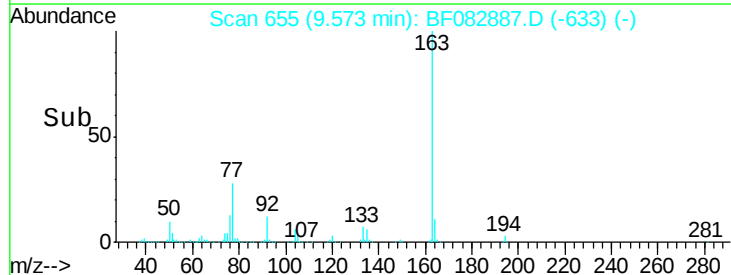
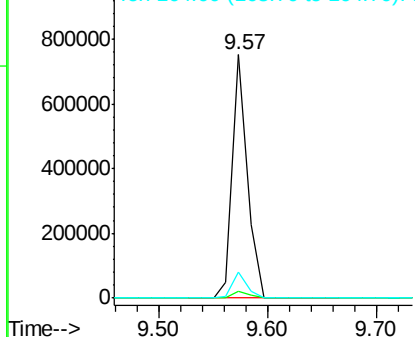


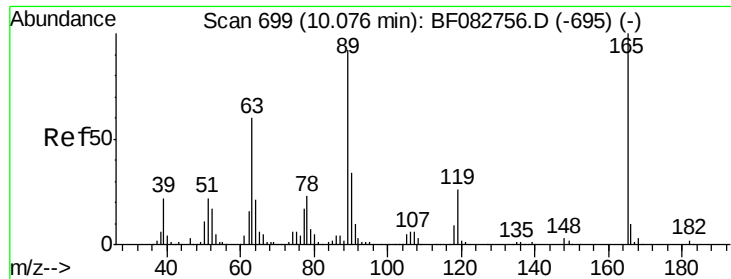
#49
 Dimethylphthalate
 Concen: 16.39 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.05 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Tgt Ion:163 Resp: 708307
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.9 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

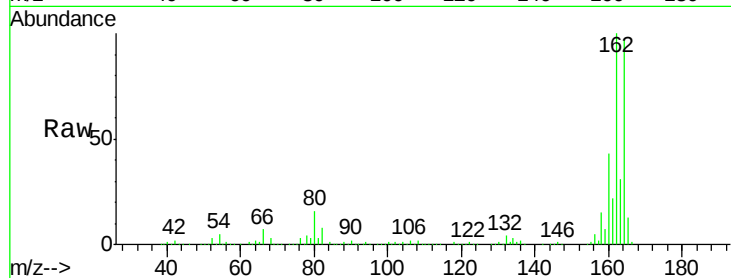




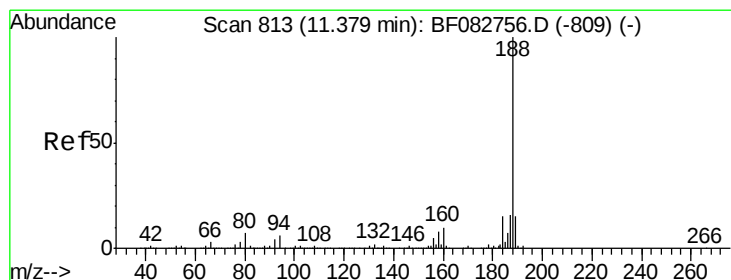
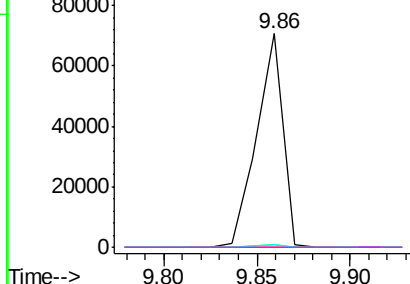
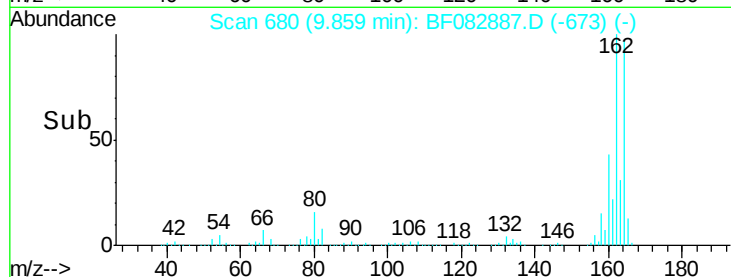
#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.22 min
Lab File: BF082887.D
Acq: 10 Nov 2015 23:40

Instrument :
BNA_F
ClientSampleId :
T-14C

Tgt Ion:165 Resp: 69730
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.4 70.6 106.0#
182 0.0 1.5 2.3#

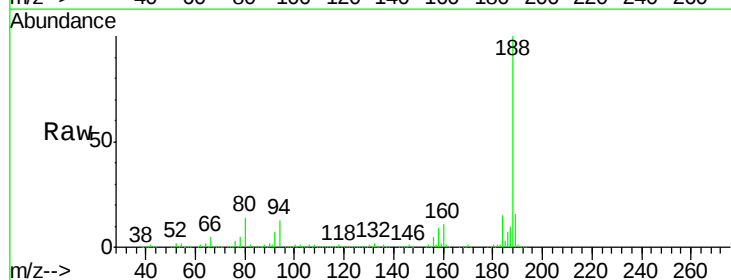


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

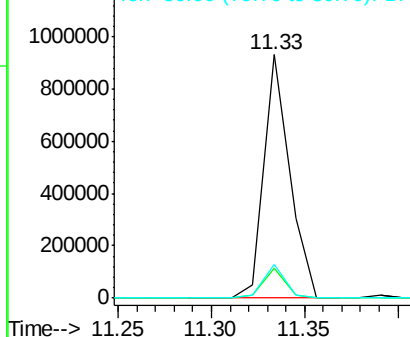
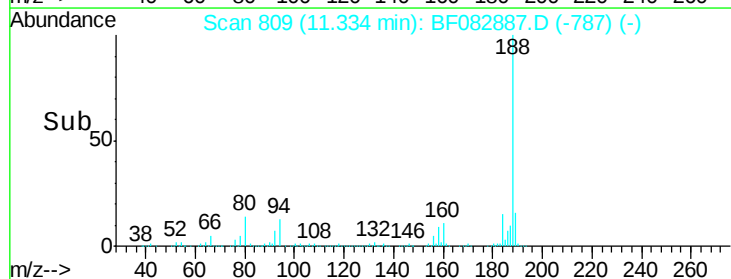


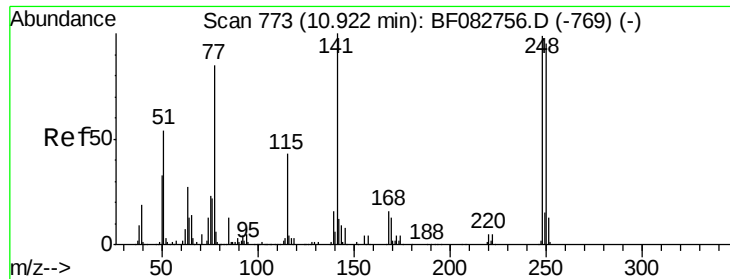
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082887.D
Acq: 10 Nov 2015 23:40

Tgt Ion:188 Resp: 884485
Ion Ratio Lower Upper
188 100
94 12.5 6.1 9.1#
80 14.0 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





#66

4-Bromophenyl-phenylether

Concen: 3.51 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

Instrument :

BNA_F

ClientSampleId :

T-14C

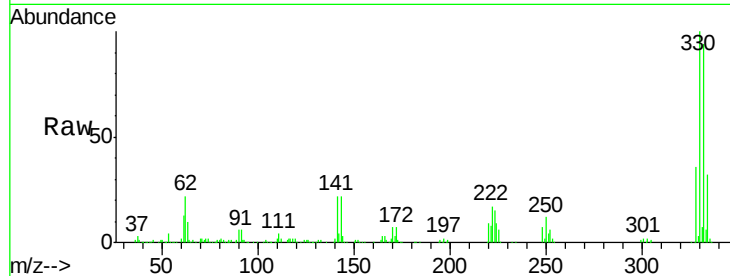
Tgt Ion:248 Resp: 37362

Ion Ratio Lower Upper

248 100

250 187.2 79.4 119.2#

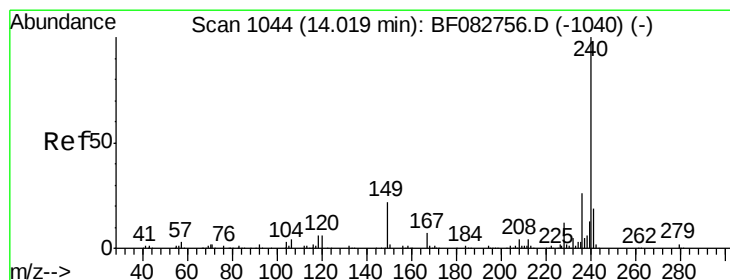
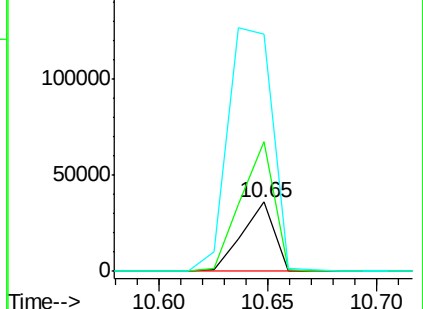
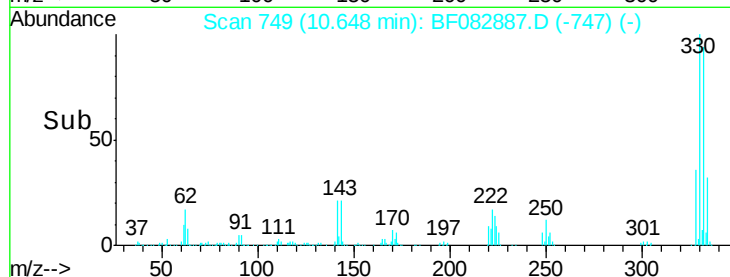
141 341.0 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082887.D

Acq: 10 Nov 2015 23:40

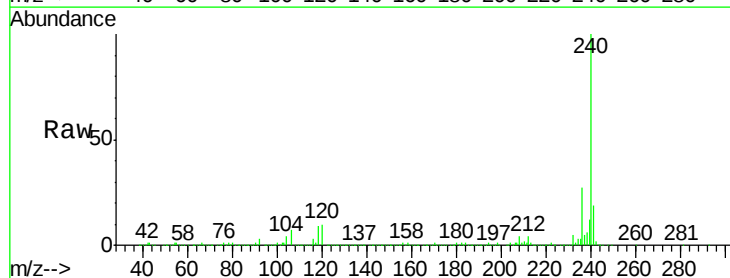
Tgt Ion:240 Resp: 796306

Ion Ratio Lower Upper

240 100

120 9.8 10.9 16.3#

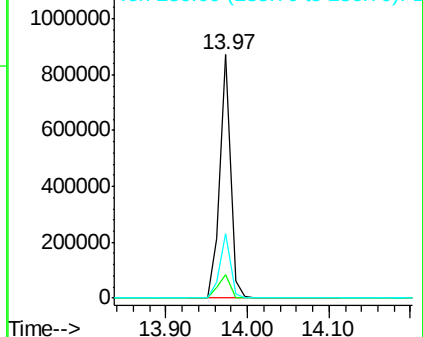
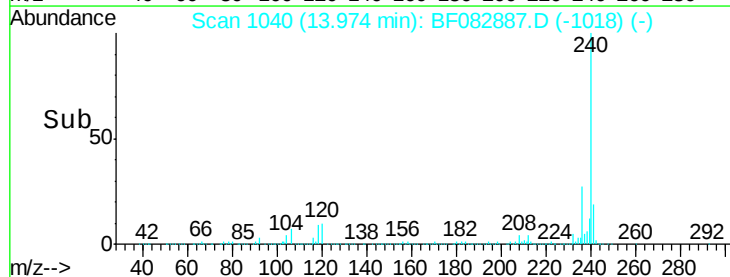
236 26.6 21.6 32.4

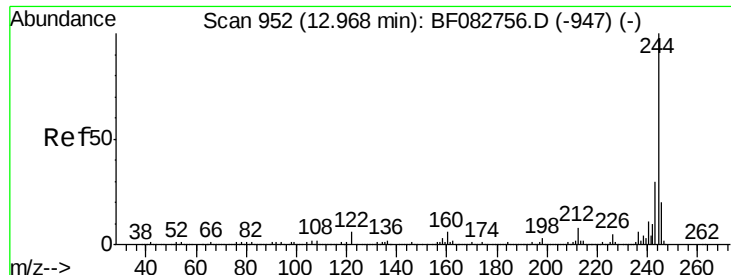


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

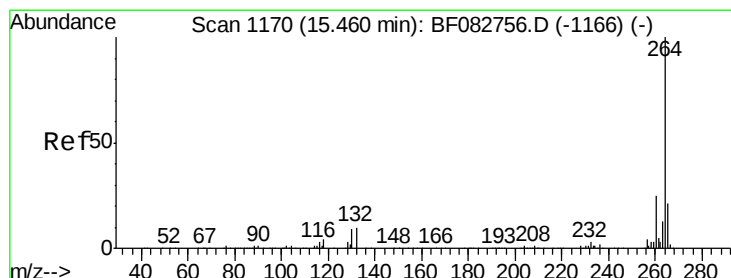
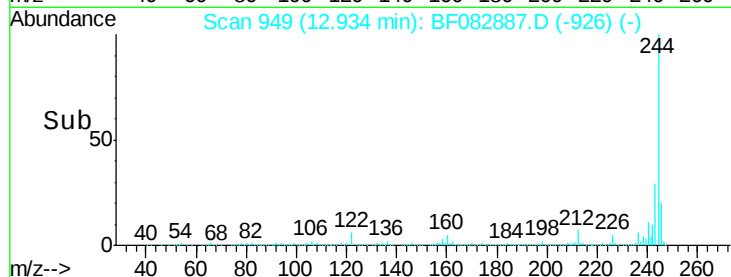
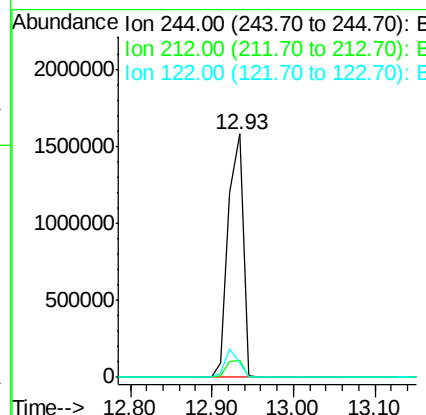
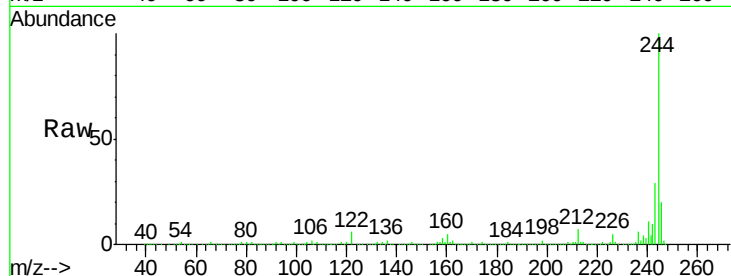




#78
 Terphenyl-d14
 Concen: 58.97 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

Tgt Ion:244 Resp: 1979894
 Ion Ratio Lower Upper
 244 100
 212 6.8 7.6 11.4#
 122 5.9 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082887.D
 Acq: 10 Nov 2015 23:40

Tgt Ion:264 Resp: 621131
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 21.7 17.4 26.0

