

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082991.D
 Acq On : 18 Nov 2015 3:24
 Operator : UM/IZ
 Sample : G4407-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

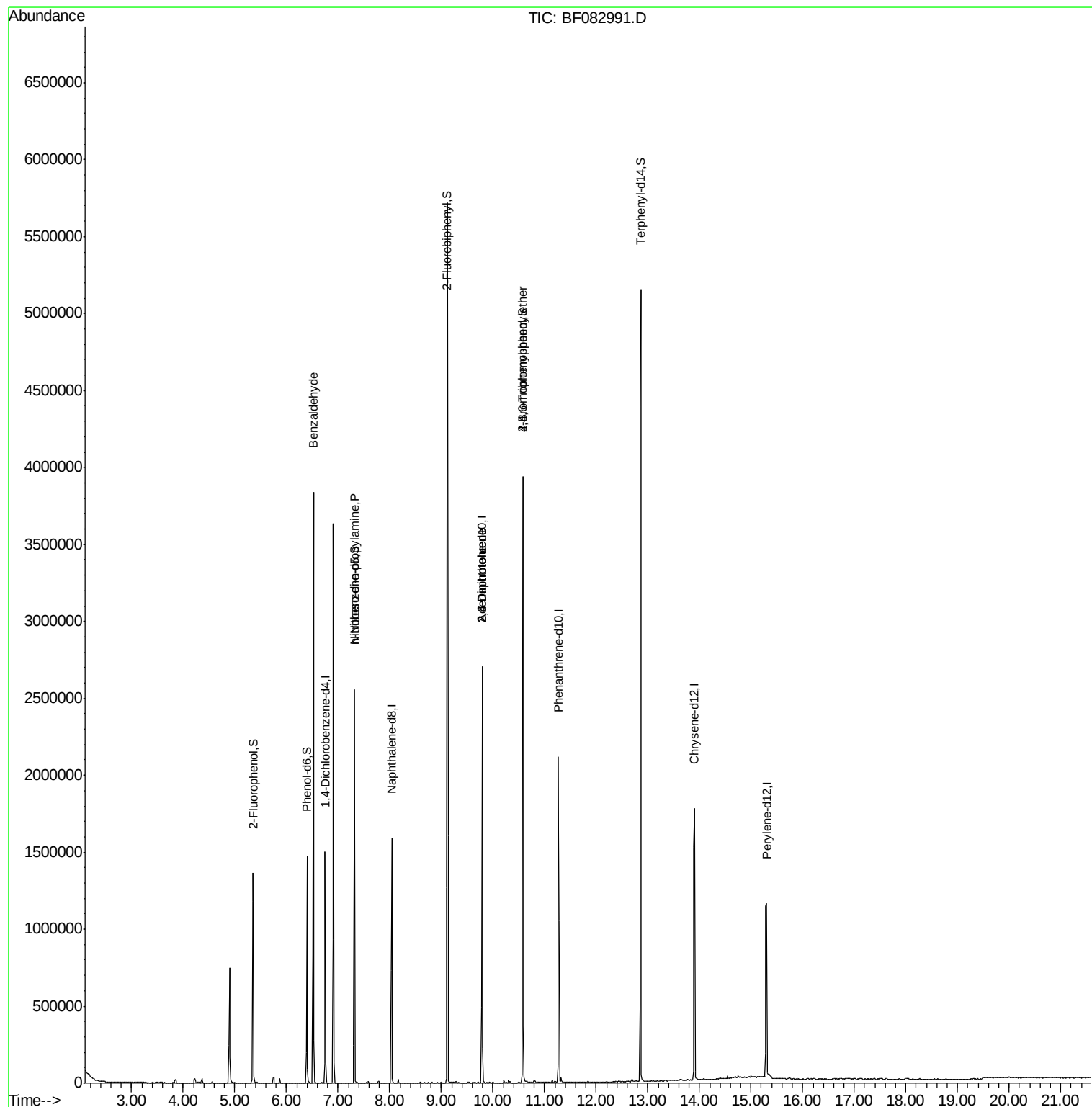
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	193980	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	789855	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	514992	20.00	ng	-0.10
63) Phenanthrene-d10	11.27	188	904831	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	886155	20.00	ng	-0.11
86) Perylene-d12	15.30	264	668364	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	516177	41.40	ng	-0.09
7) Phenol-d6	6.40	99	449578	27.13	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1139504	62.77	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	439038	74.35	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1985486	55.26	ng	-0.10
78) Terphenyl-d14	12.87	244	2322222	62.15	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.52	77	24266	2.65	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.32	70	151603	12.44	ng	# 65
50) 2,6-Dinitrotoluene	9.79	165	66269	7.36	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	66273	5.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	29861	2.74	ng	# 1

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

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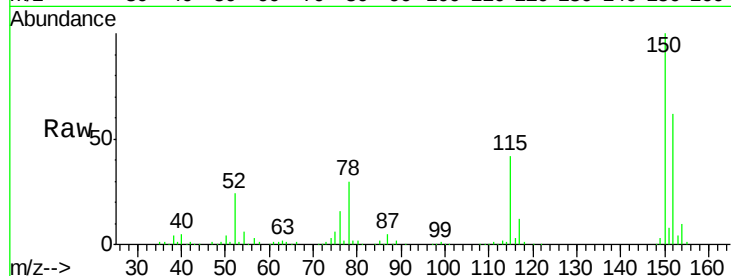


#1

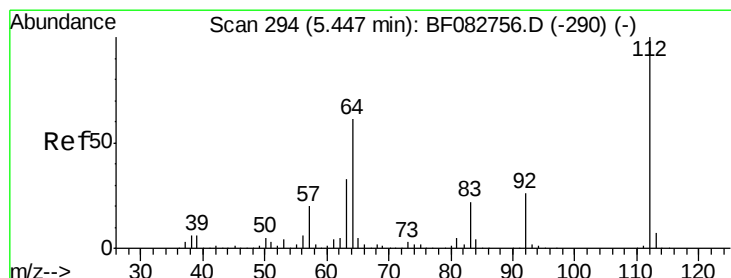
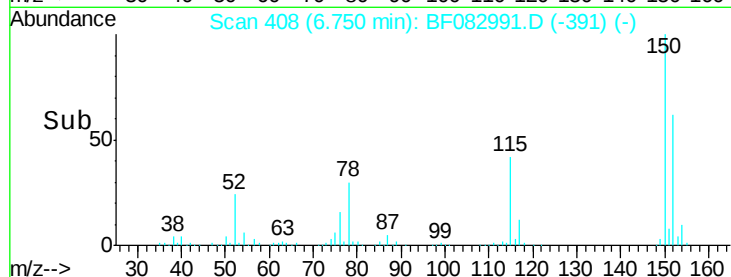
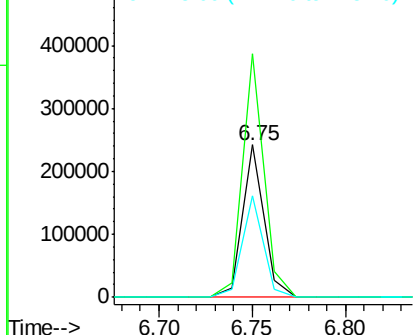
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 193980
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.4
115 66.9 47.0 70.6



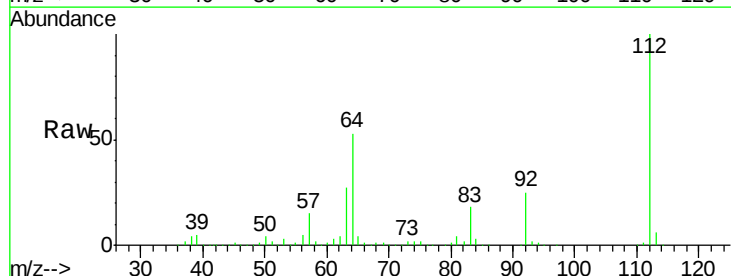
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



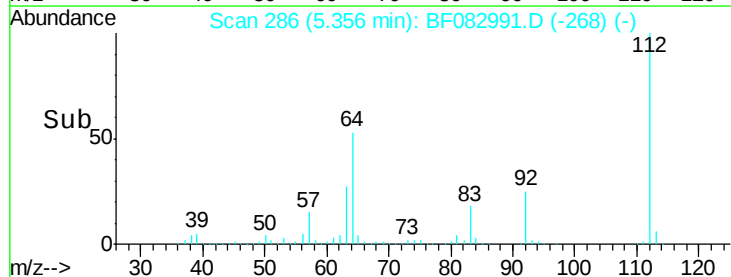
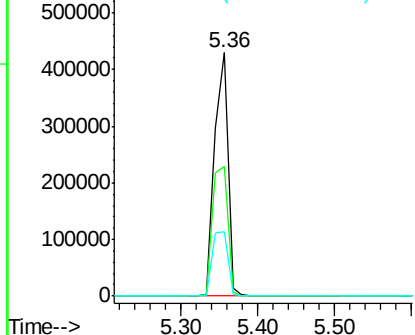
#5

2-Fluorophenol
Concen: 41.40 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.09 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Tgt Ion:112 Resp: 516177
Ion Ratio Lower Upper
112 100
64 53.4 48.9 73.3
63 26.7 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: 27.13 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082991.D

Acq: 18 Nov 2015 3:24

Instrument :

BNA_F

ClientSampleId :

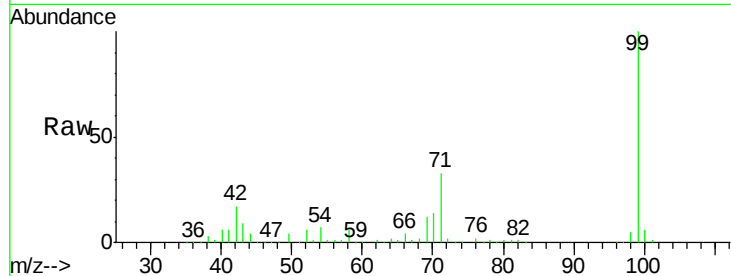
Tot Ion: 99 Resp: 449578

Ion Ratio Lower Upper

99 100

42 17.3 19.2 28.8#

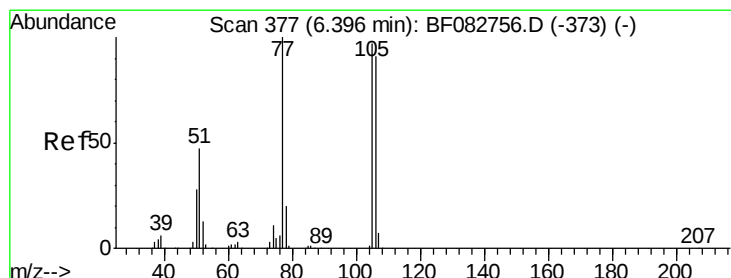
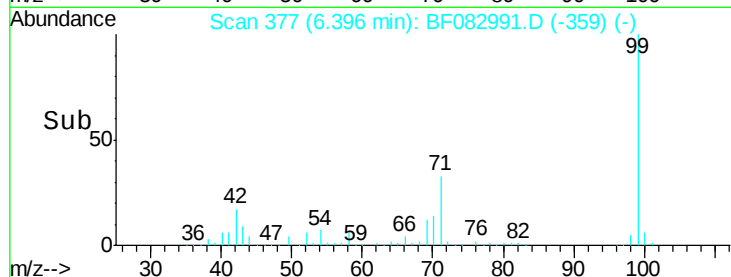
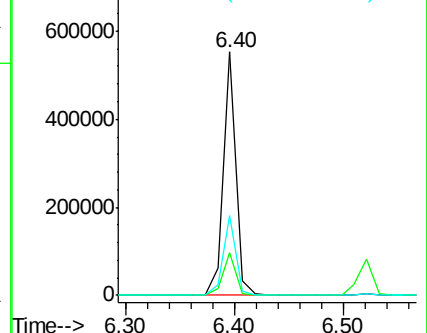
71 33.0 35.0 52.4#



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: 2.65 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082991.D

Acq: 18 Nov 2015 3:24

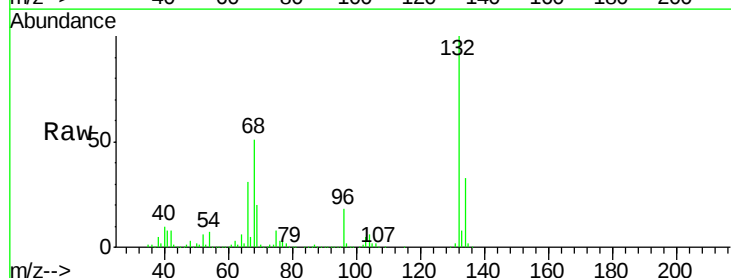
Tgt Ion: 77 Resp: 24266

Ion Ratio Lower Upper

77 100

105 75.7 63.5 103.5

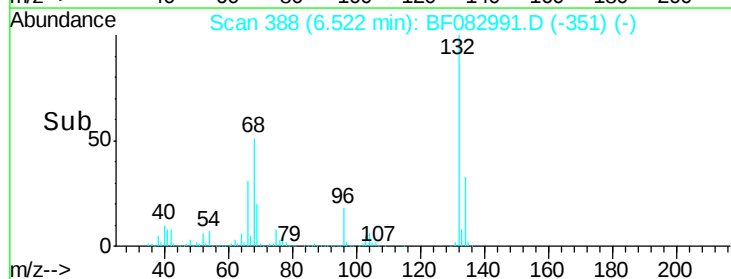
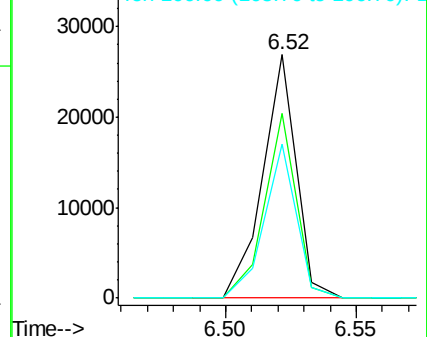
106 63.2 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

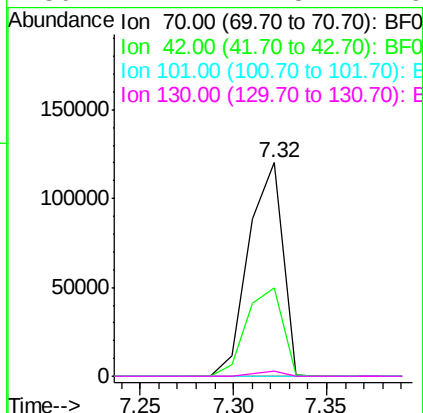
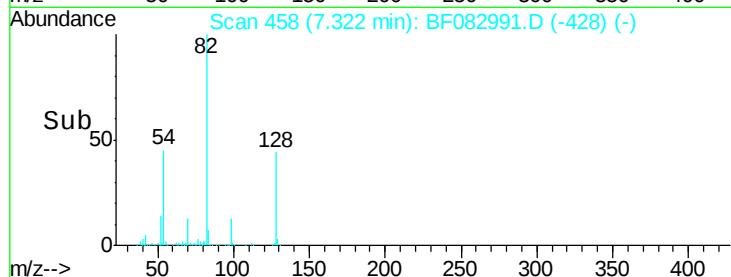
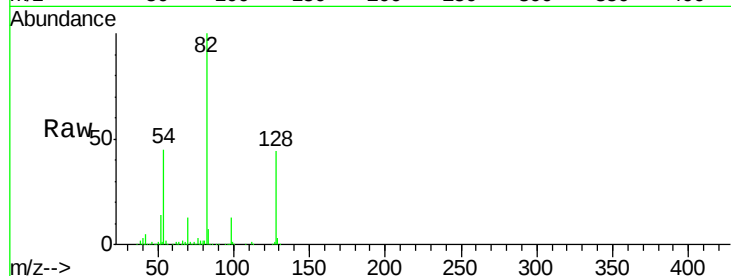




#19
n-Nitroso-di-n-propylamine
Concen: 12.44 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

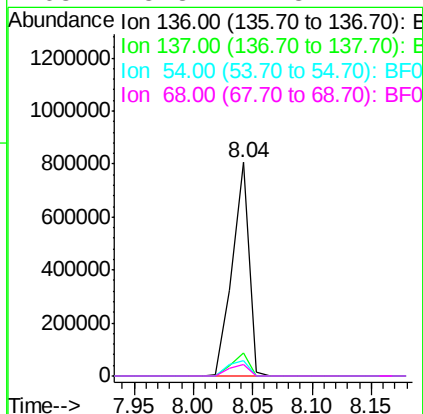
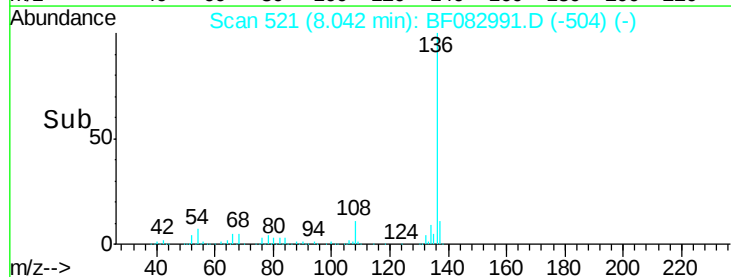
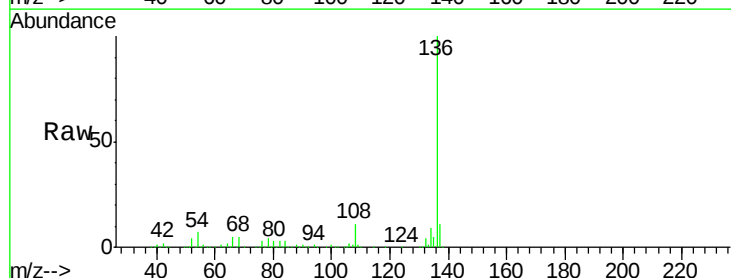
Instrument :
BNA_F
ClientSampleId :

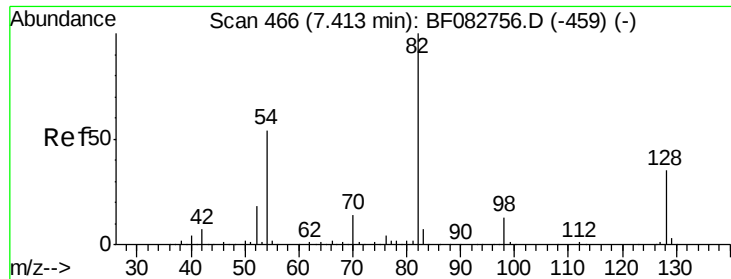
Tot Ion: 70 Resp: 151603
Ion Ratio Lower Upper
70 100
42 41.2 57.7 86.5#
101 0.0 7.0 10.6#
130 2.4 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Tgt Ion:136 Resp: 789855
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.1 9.1 13.7#
68 5.3 4.8 7.2

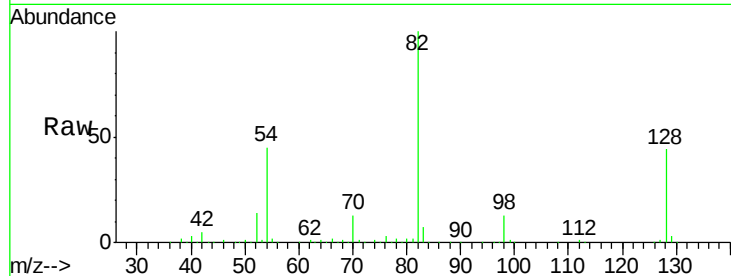




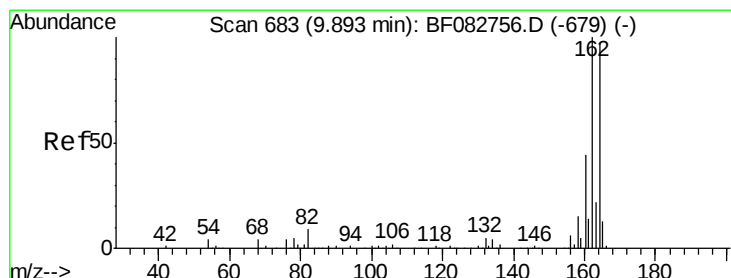
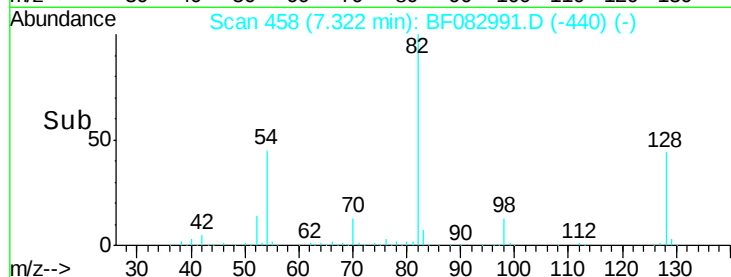
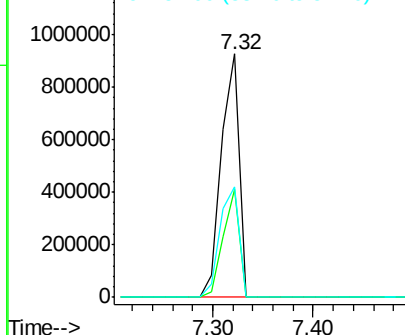
#23
Nitrobenzene-d5
Concen: 62.77 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1139504
Ion Ratio Lower Upper
82 100
128 44.1 26.8 40.2#
54 45.2 45.7 68.5#

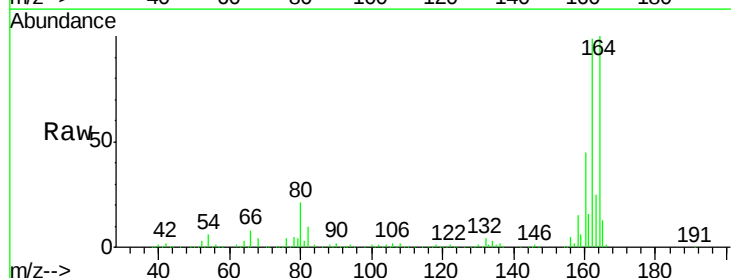


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

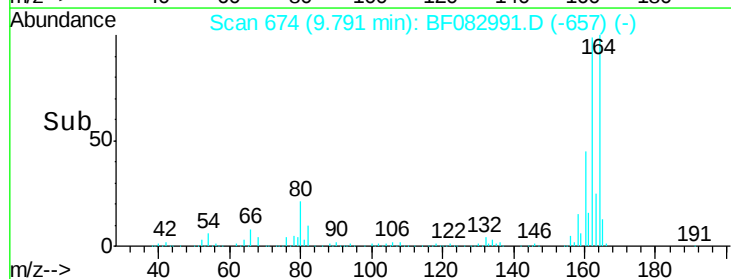
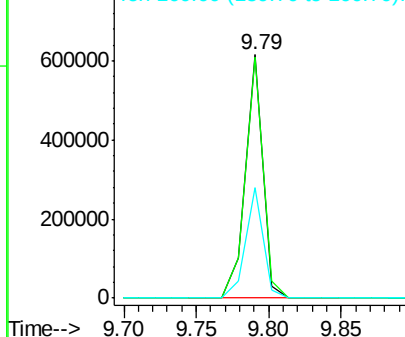


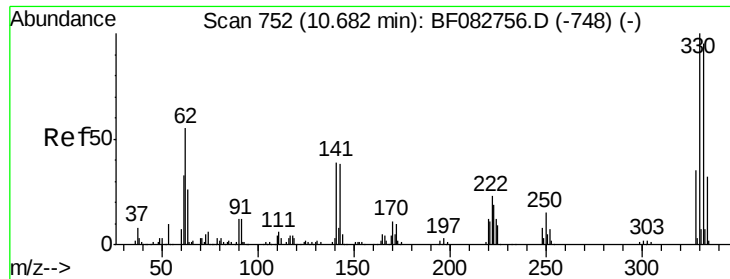
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Tgt Ion:164 Resp: 514992
Ion Ratio Lower Upper
164 100
162 99.1 84.9 127.3
160 45.1 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

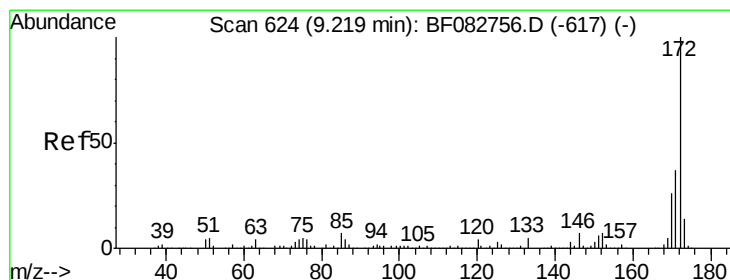
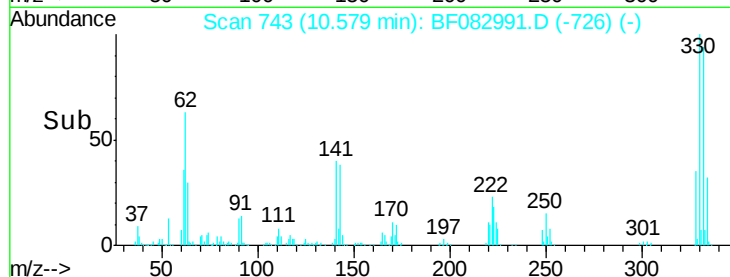
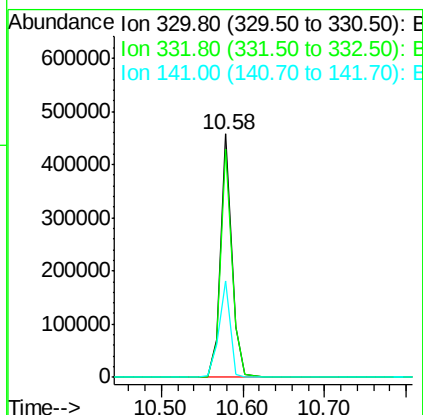
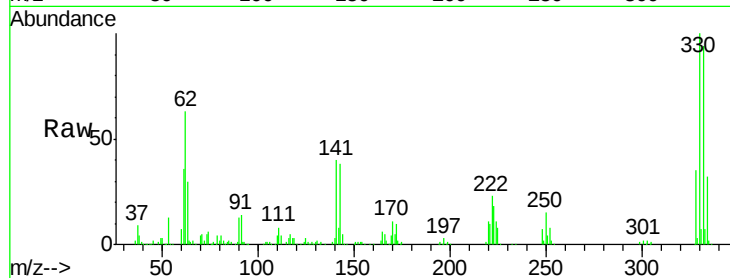




#41
 2,4,6-Tribromophenol
 Concen: 74.35 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082991.D
 Acq: 18 Nov 2015 3:24

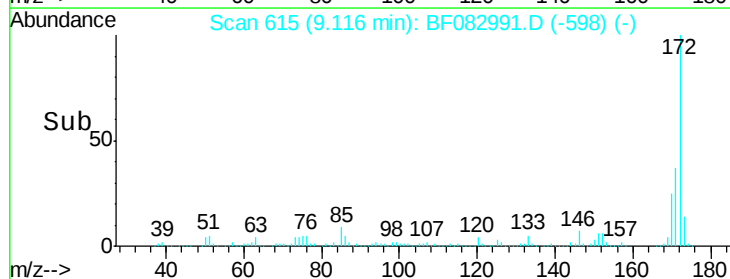
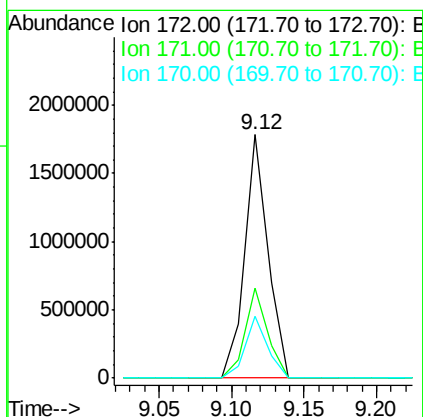
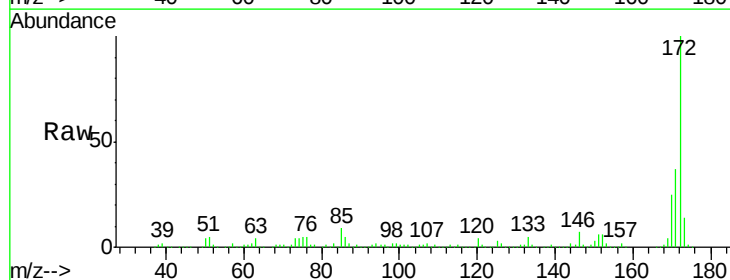
Instrument :
 BNA_F
 ClientSampleId :

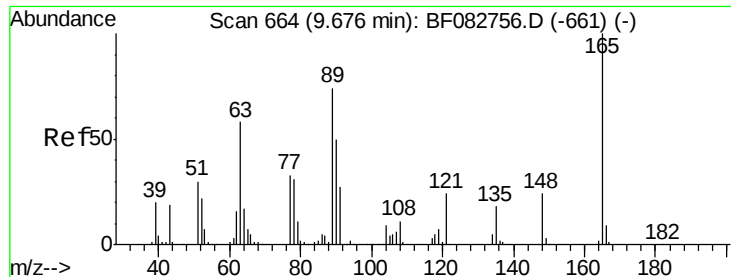
Tot Ion:330 Resp: 439038
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 39.8 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 55.26 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082991.D
 Acq: 18 Nov 2015 3:24

Tgt Ion:172 Resp: 1985486
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.4 21.2 31.8

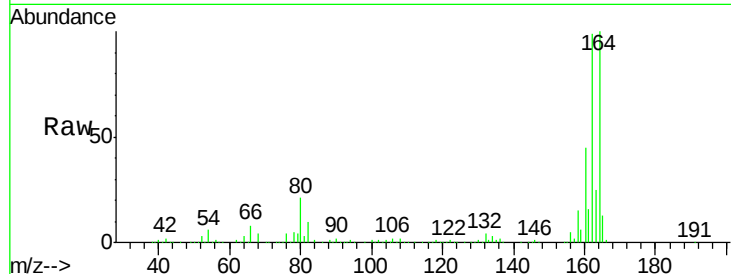




#50
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Instrument :
BNA_F
ClientSampleId :

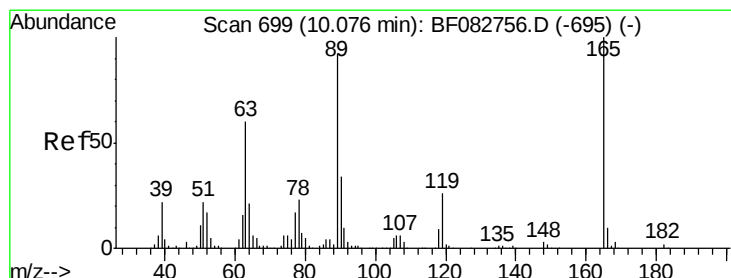
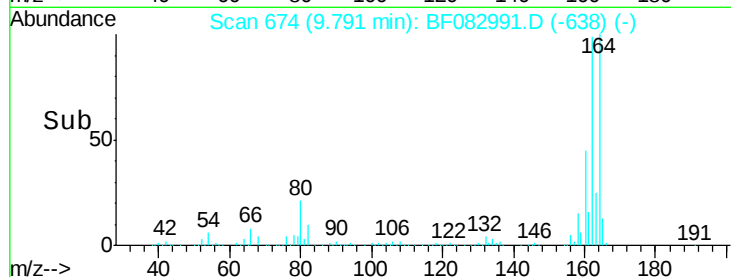
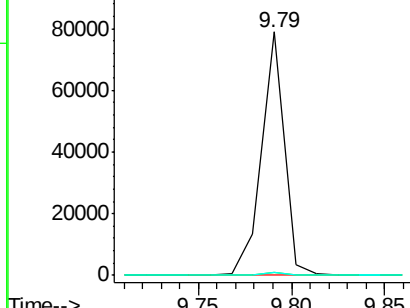
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.5	83.3#
89	1.4	55.0	82.6#



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



#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.29 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

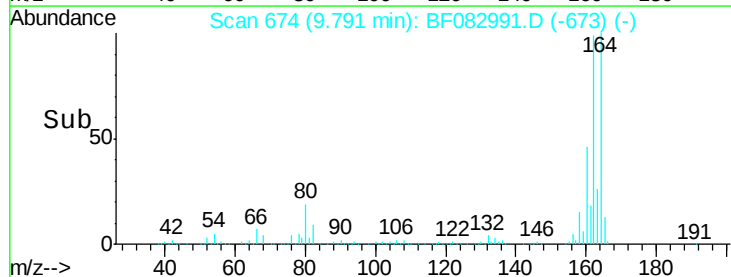
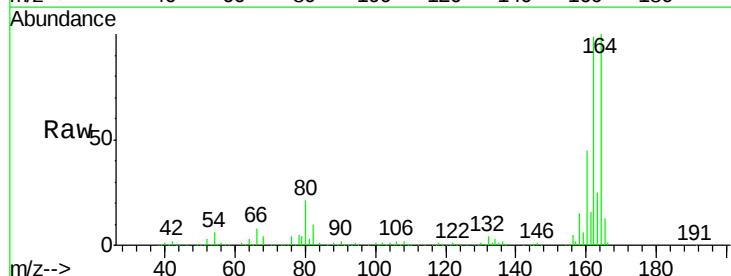
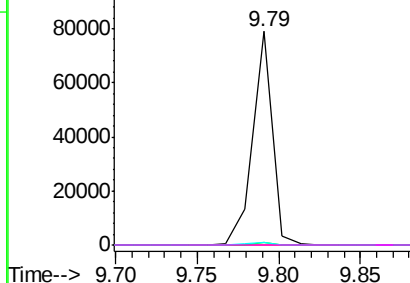
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

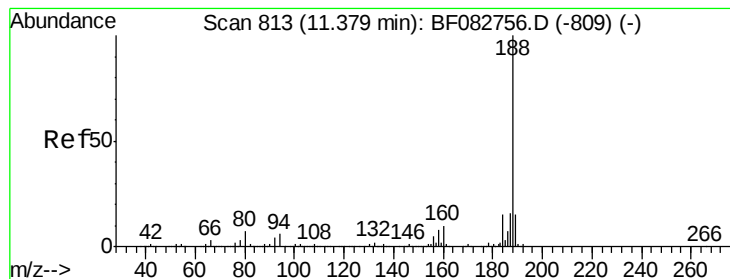
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.27 min Scan# 803

Delta R.T. -0.11 min

Lab File: BF082991.D

Acq: 18 Nov 2015 3:24

Instrument :

BNA_F

ClientSampleId :

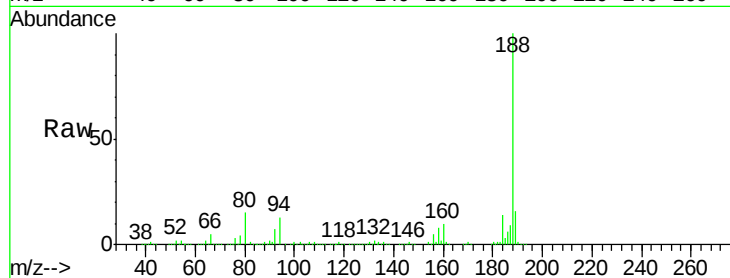
Tot Ion:188 Resp: 904831

Ion Ratio Lower Upper

188 100

94 12.9 6.1 9.1#

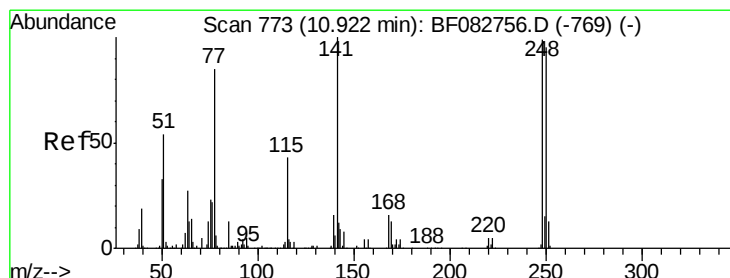
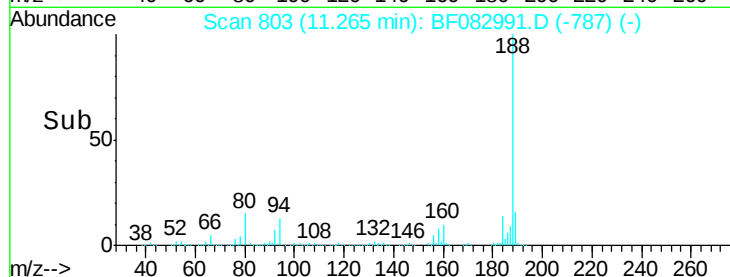
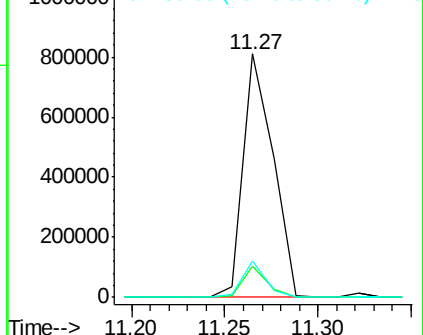
80 15.1 7.0 10.6#



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: 2.74 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.34 min

Lab File: BF082991.D

Acq: 18 Nov 2015 3:24

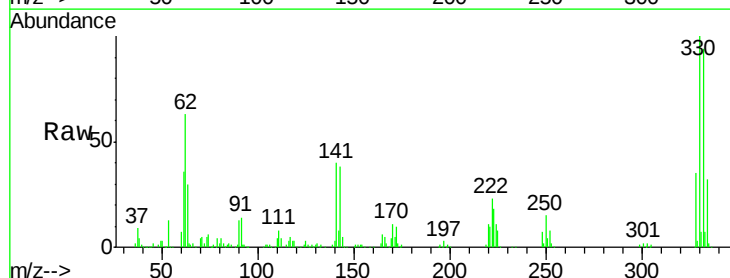
Tgt Ion:248 Resp: 29861

Ion Ratio Lower Upper

248 100

250 203.7 79.4 119.2#

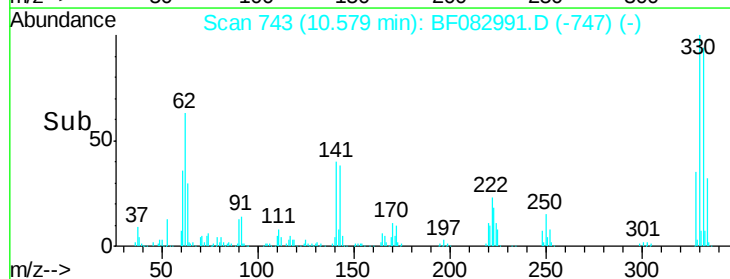
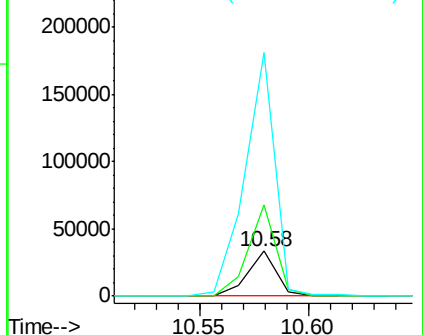
141 543.4 36.3 54.5#

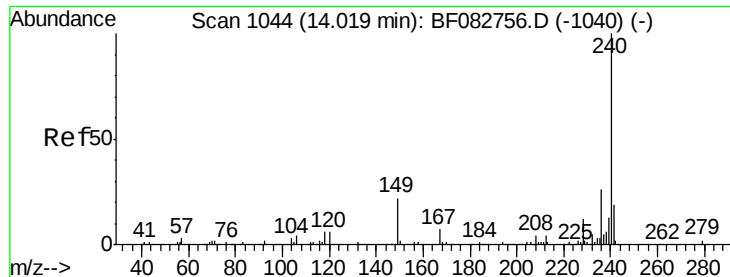


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082991.D

Acq: 18 Nov 2015 3:24

Instrument :

BNA_F

ClientSampleId :

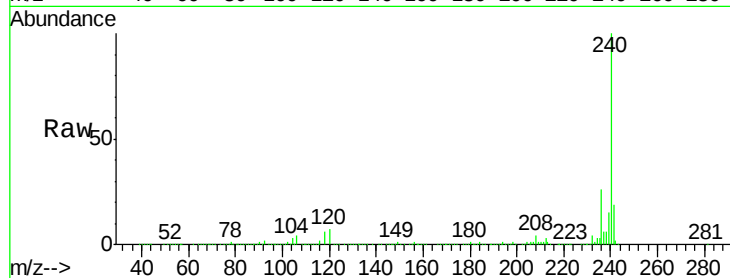
Tot Ion:240 Resp: 886155

Ion Ratio Lower Upper

240 100

120 6.6 10.9 16.3#

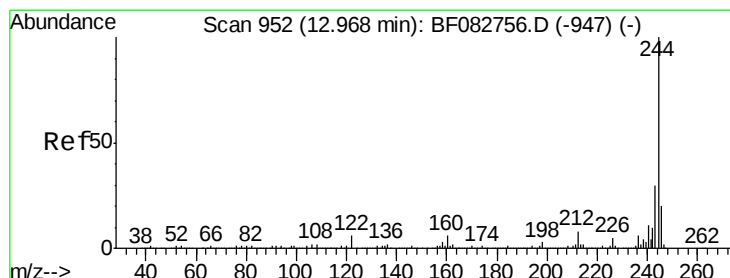
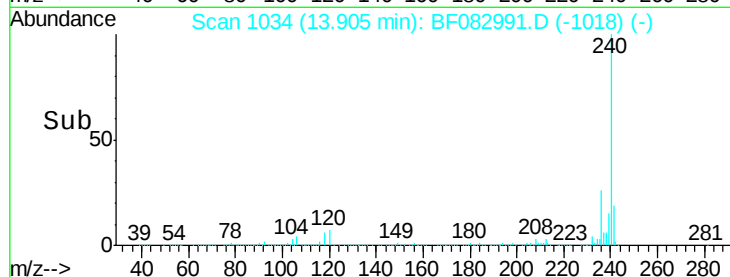
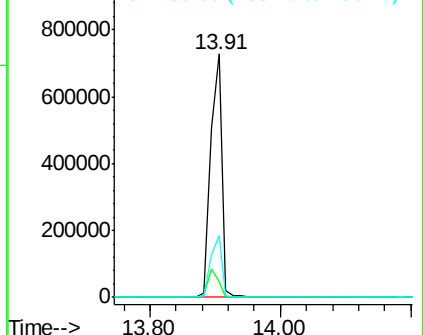
236 25.6 21.6 32.4



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: 62.15 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082991.D

Acq: 18 Nov 2015 3:24

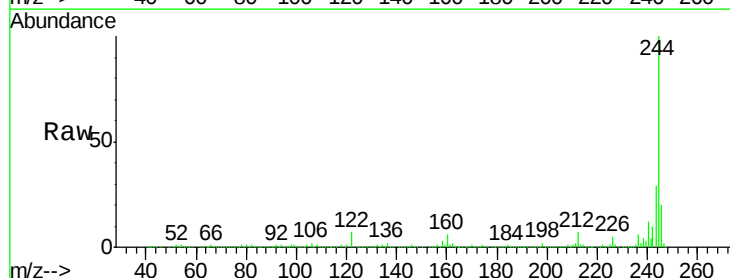
Tgt Ion:244 Resp: 2322222

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

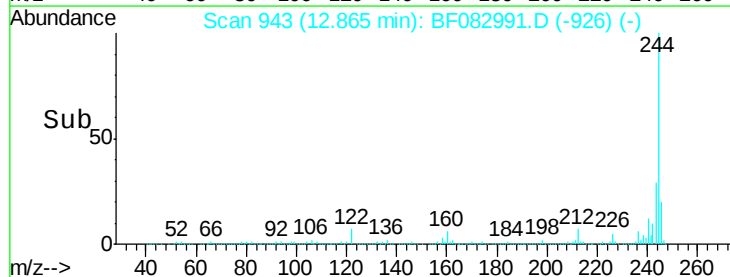
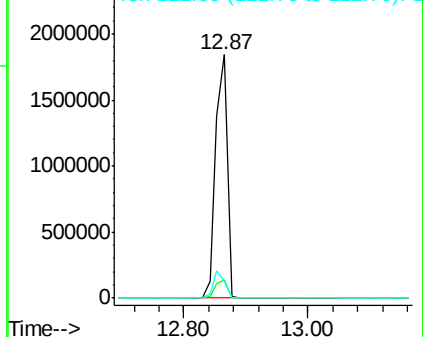
122 7.0 11.3 16.9#

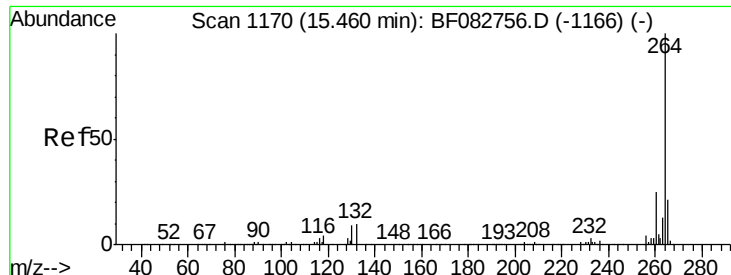


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

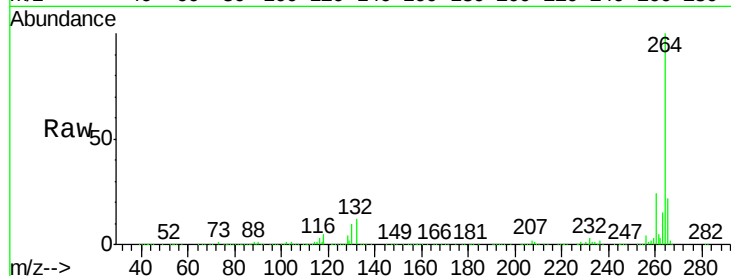




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082991.D
Acq: 18 Nov 2015 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	22.3	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

