

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082646.D
 Acq On : 2 Nov 2015 22:31
 Operator : UM/IZ
 Sample : G4238-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-16C

Quant Time: Nov 03 02:33:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

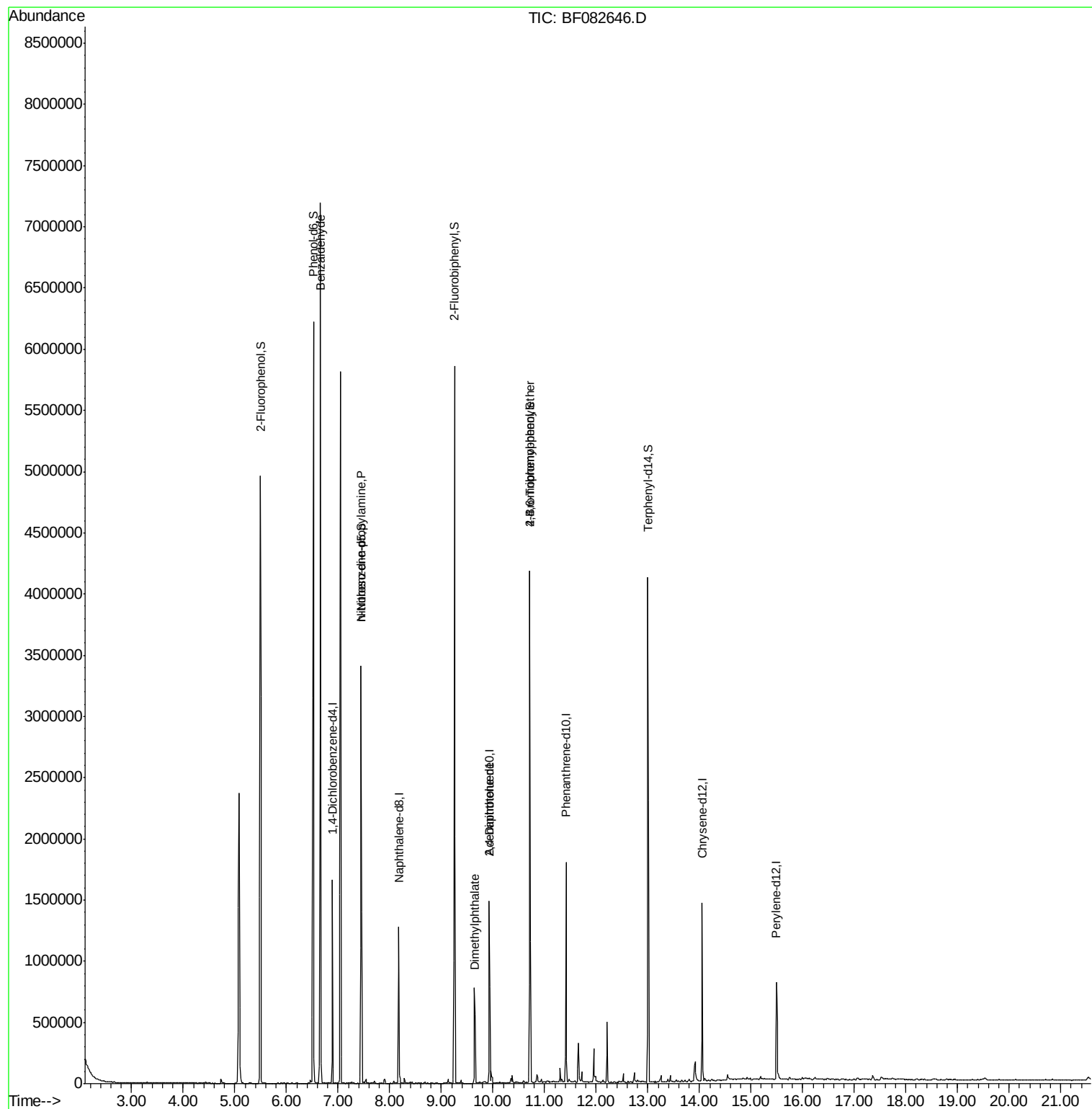
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	210390	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	717709	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	327836	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	582725	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	479652	20.00	ng	-0.02
86) Perylene-d12	15.49	264	398889	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1775436	127.10	ng	-0.01
7) Phenol-d6	6.52	99	2201790	118.65	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1431187	81.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	486409	135.57	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1957990	84.80	ng	-0.02
78) Terphenyl-d14	13.00	244	1542506	70.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	54776	4.32	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.45	70	194989	13.86	ng	# 74
49) Dimethylphthalate	9.65	163	418740	15.64	ng	# 96
56) 2,4-Dinitrotoluene	9.93	165	42958	5.72	ng	# 15
66) 4-Bromophenyl-phenylether	10.72	248	31581	4.78	ng	# 1

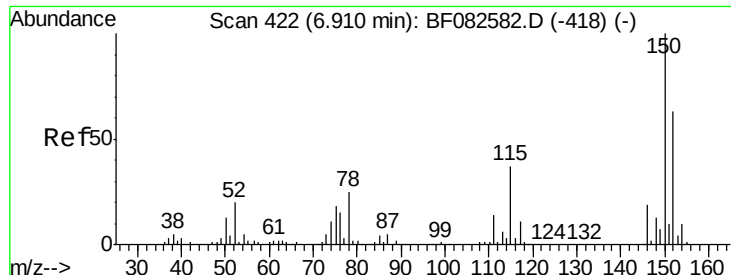
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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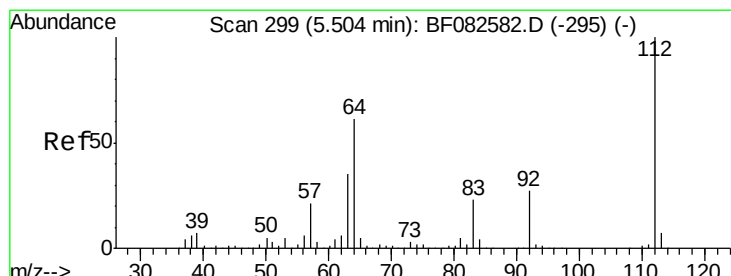
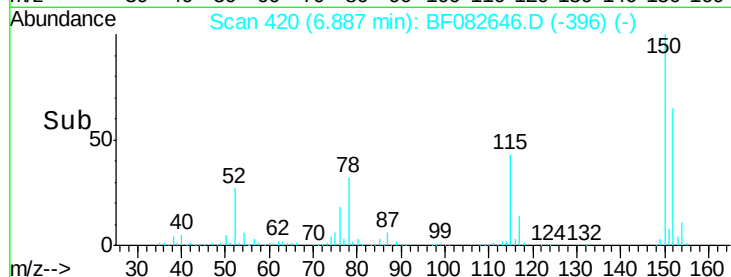
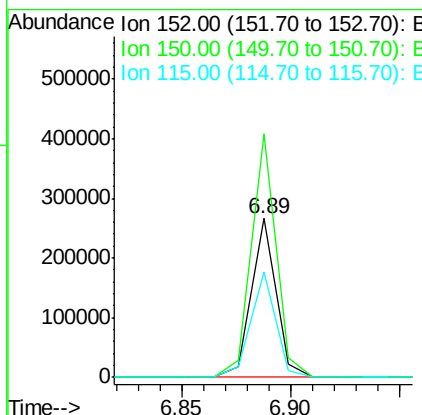
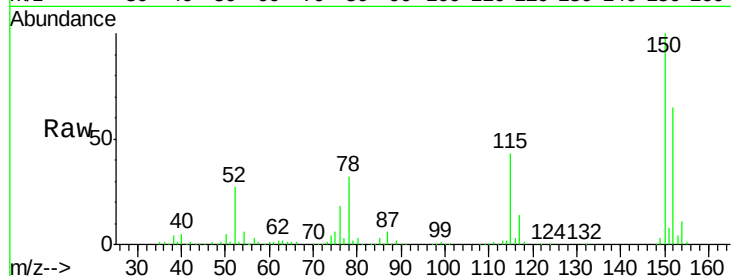




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

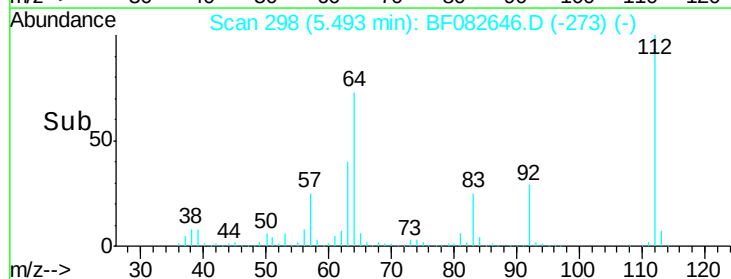
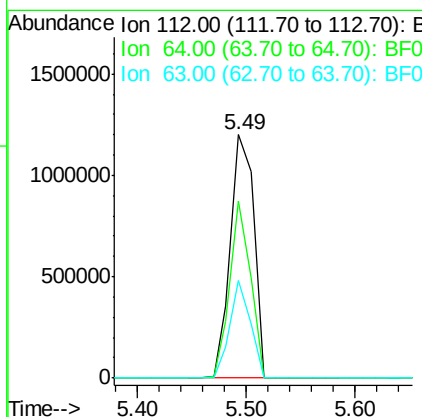
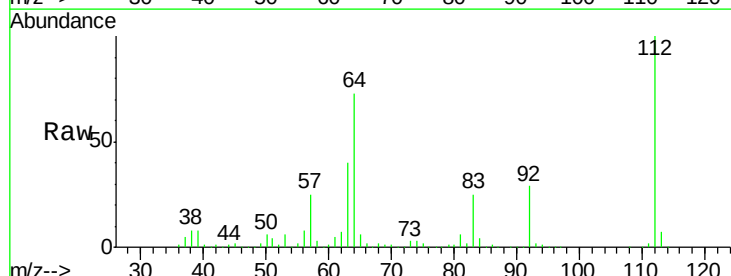
Instrument :
 BNA_F
 ClientSampleId :
 T-16C

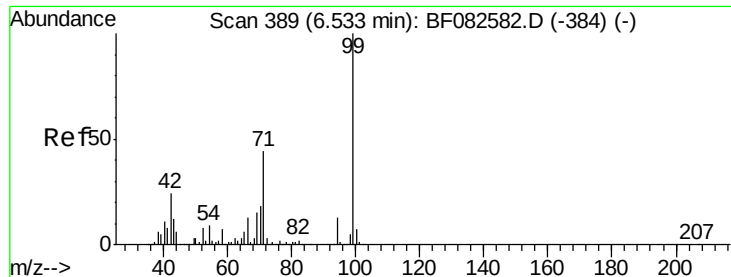
Tgt Ion:152 Resp: 210390
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.0 190.4
 115 66.4 47.0 70.6



#5
 2-Fluorophenol
 Concen: 127.10 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.01 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Tgt Ion:112 Resp: 1775436
 Ion Ratio Lower Upper
 112 100
 64 72.6 48.9 73.3
 63 40.1 28.1 42.1





#7

Phenol-d6

Concen: 118.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

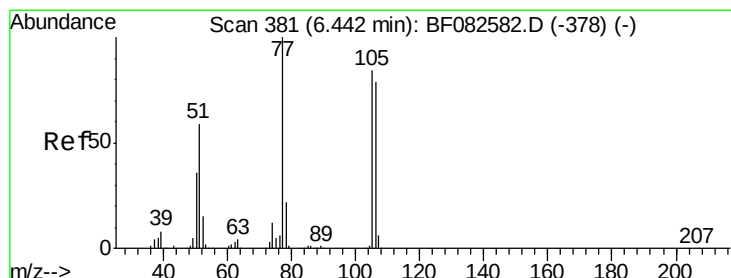
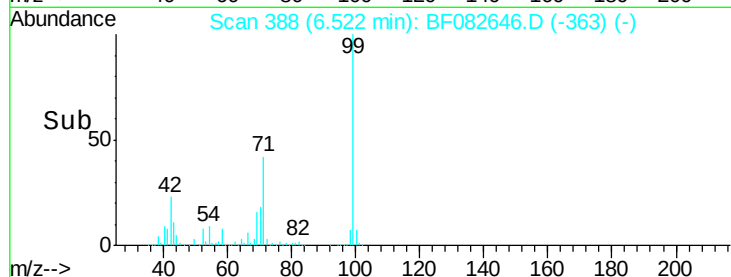
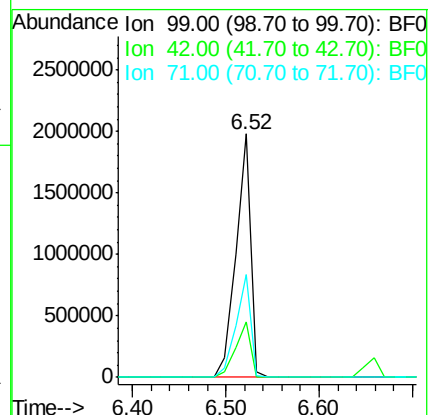
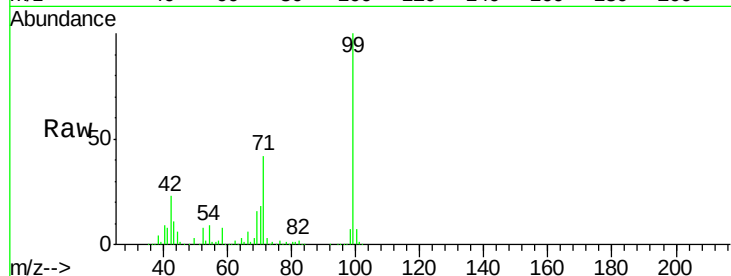
Tgt Ion: 99 Resp: 2201790

Ion Ratio Lower Upper

99 100

42 22.6 19.2 28.8

71 42.4 35.0 52.4



#9

Benzaldehyde

Concen: 4.32 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

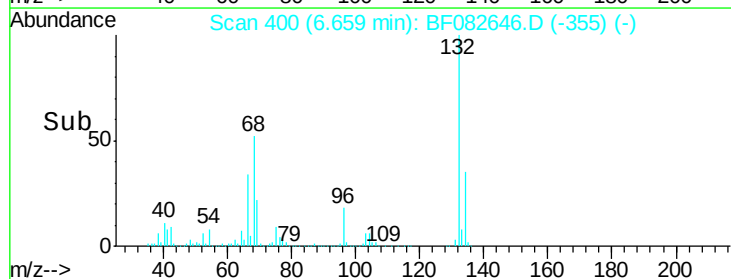
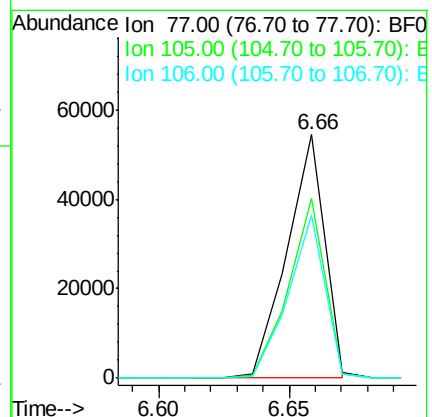
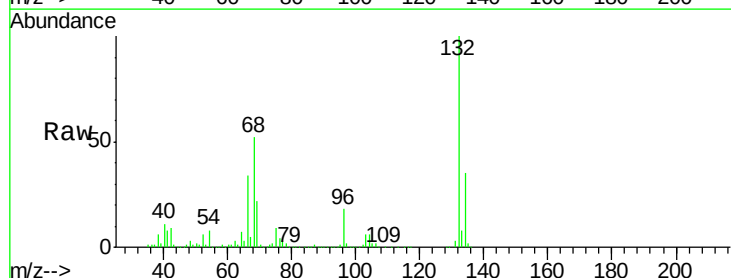
Tgt Ion: 77 Resp: 54776

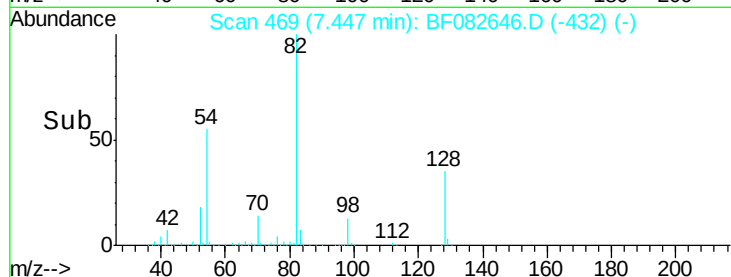
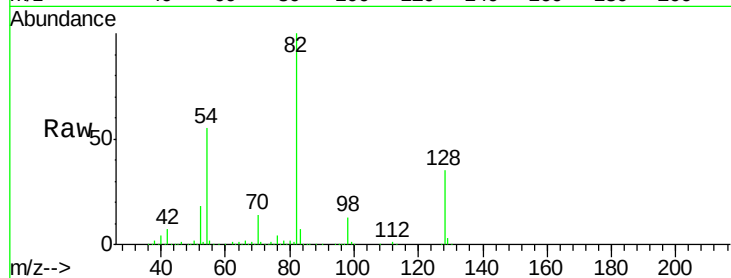
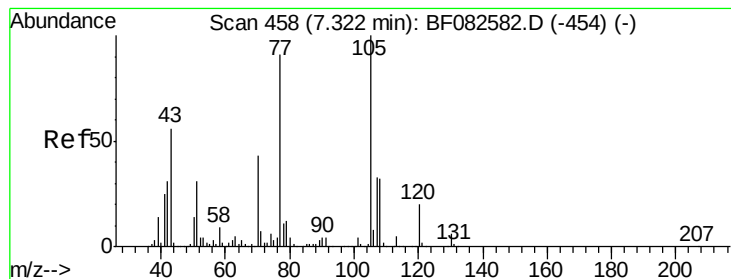
Ion Ratio Lower Upper

77 100

105 73.9 63.5 103.5

106 67.2 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 13.86 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

Tgt Ion: 70 Resp: 194989

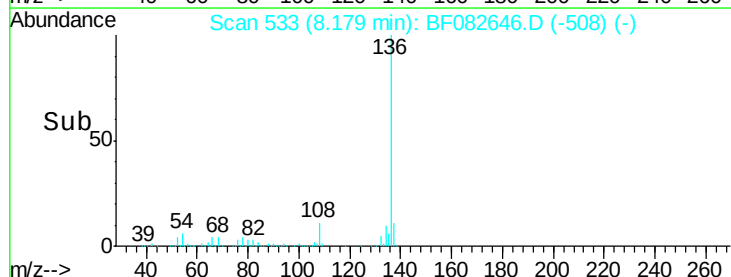
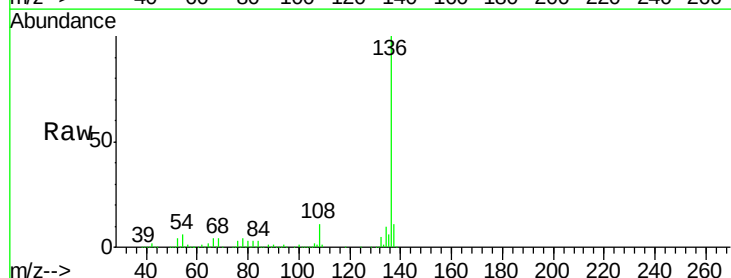
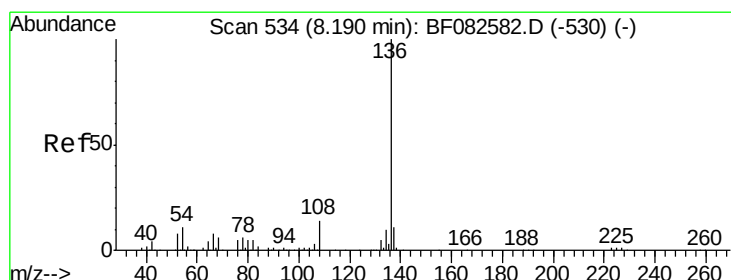
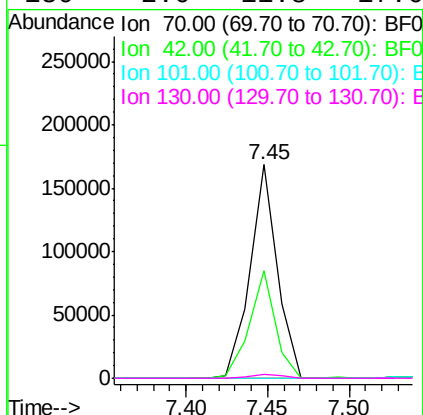
Ion Ratio Lower Upper

70 100

42 50.6 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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Tgt Ion: 136 Resp: 717709

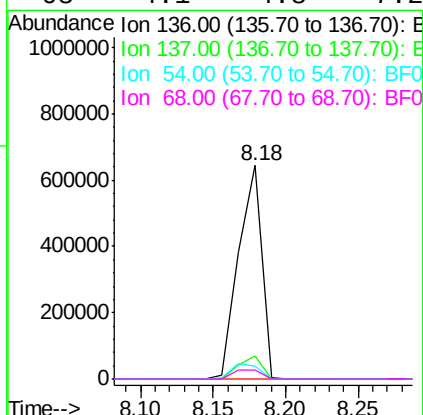
Ion Ratio Lower Upper

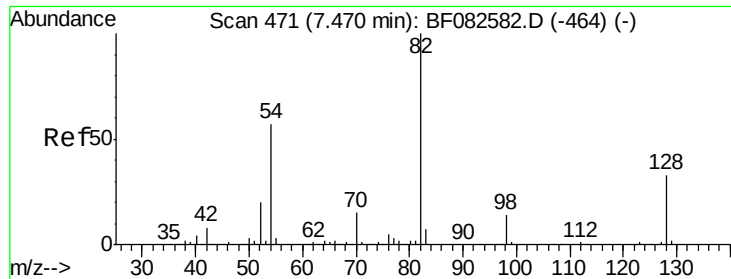
136 100

137 10.6 9.1 13.7

54 5.9 9.1 13.7#

68 4.1 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 81.43 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

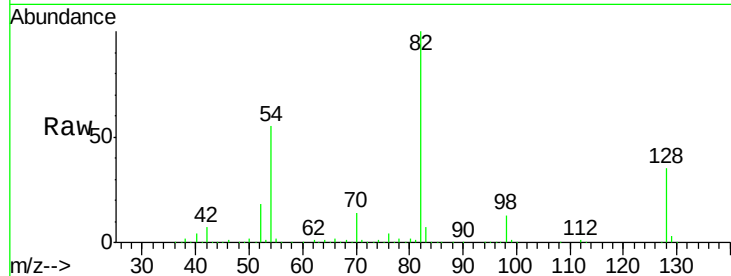
Tgt Ion: 82 Resp: 1431187

Ion Ratio Lower Upper

82 100

128 35.1 26.8 40.2

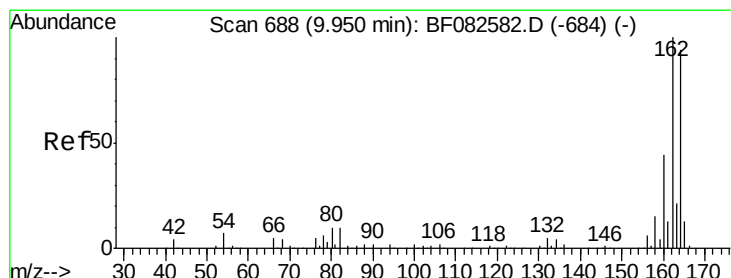
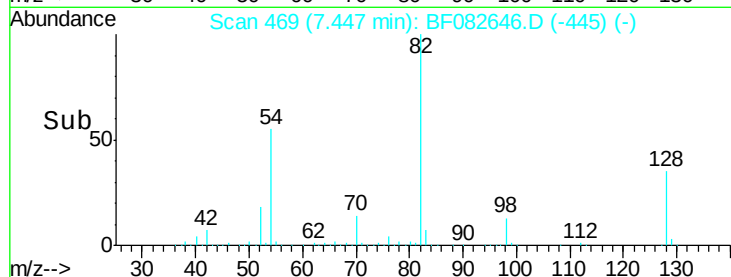
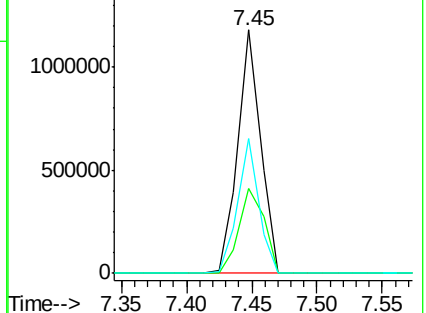
54 55.4 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

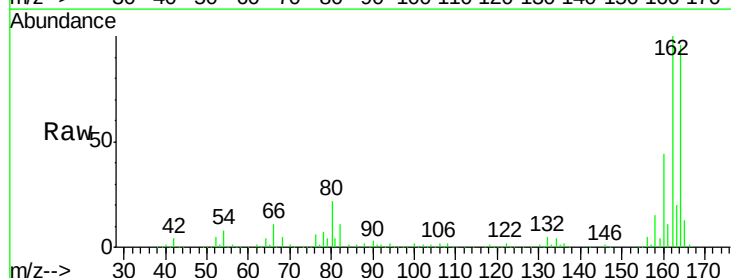
Tgt Ion: 164 Resp: 327836

Ion Ratio Lower Upper

164 100

162 104.4 84.9 127.3

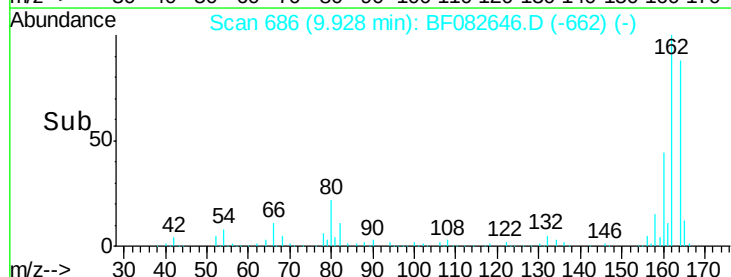
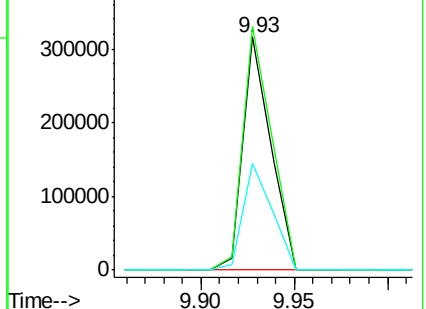
160 45.5 37.5 56.3

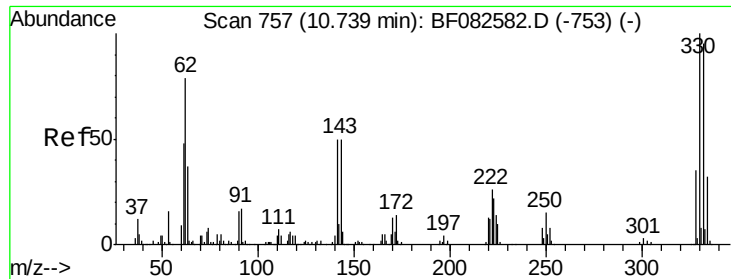


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

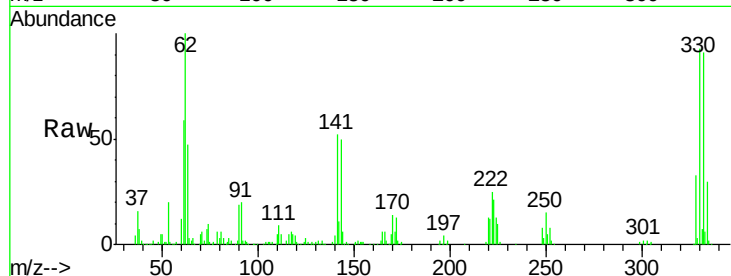




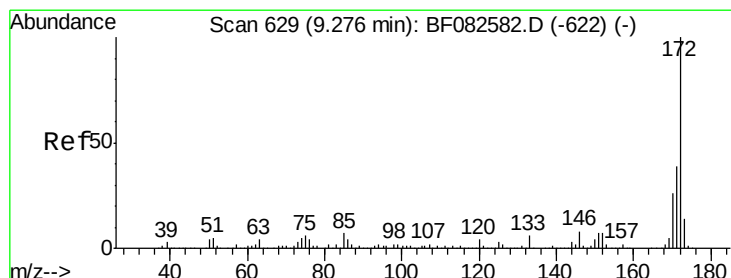
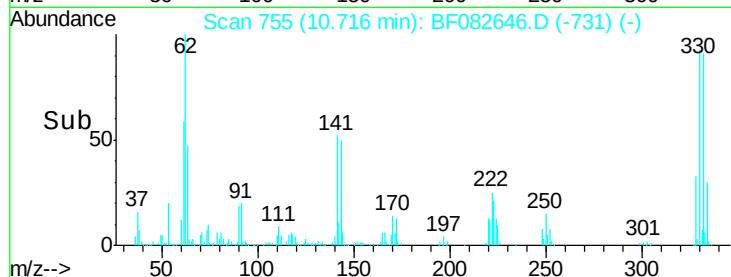
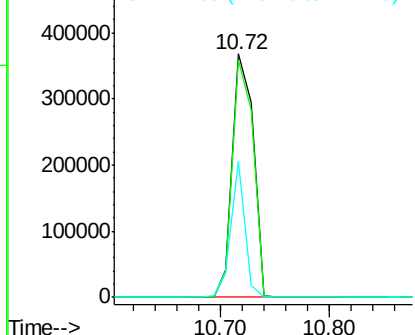
#41
 2,4,6-Tribromophenol
 Concen: 135.57 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Instrument :
 BNA_F
 ClientSampled :
 T-16C

Tgt Ion:330 Resp: 486409
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 37.7 41.2 61.8#

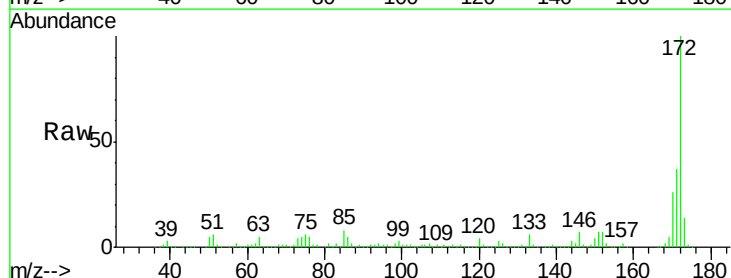


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

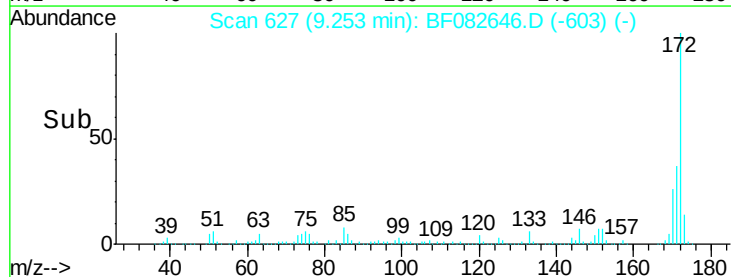
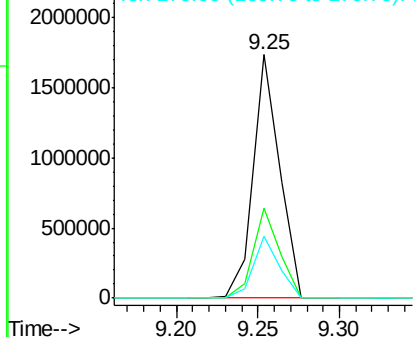


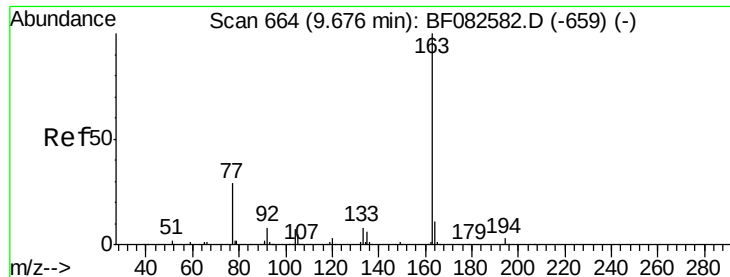
#44
 2-Fluorobiphenyl
 Concen: 84.80 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Tgt Ion:172 Resp: 1957990
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.6 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

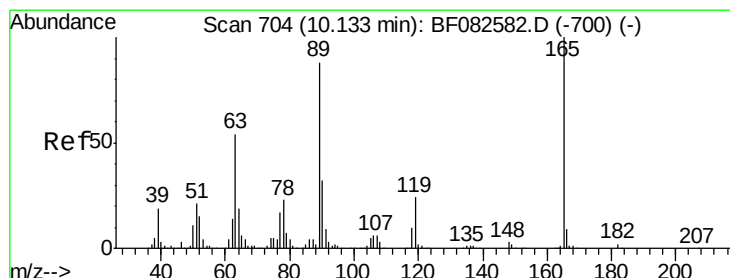
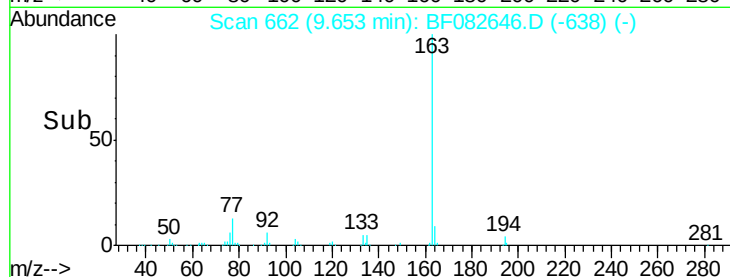
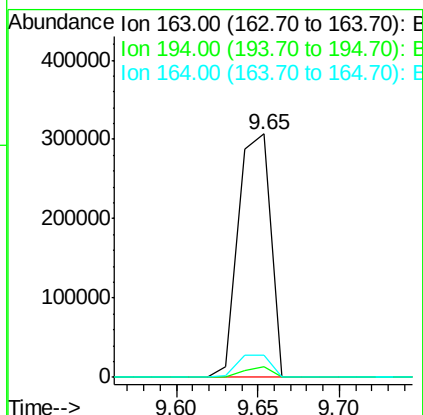
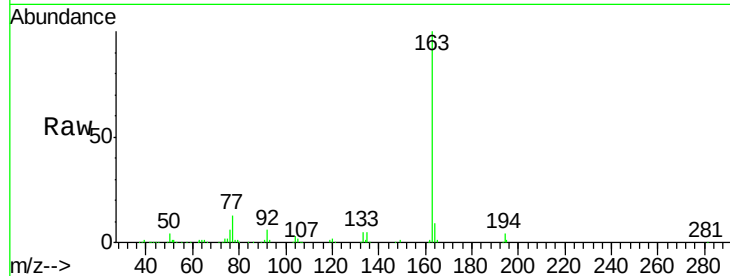




#49
Dimethylphthalate
Concen: 15.64 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082646.D
Acq: 2 Nov 2015 22:31

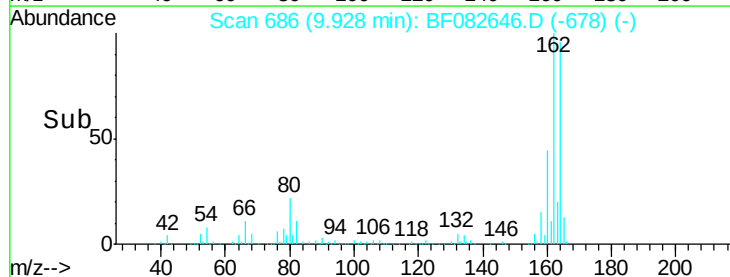
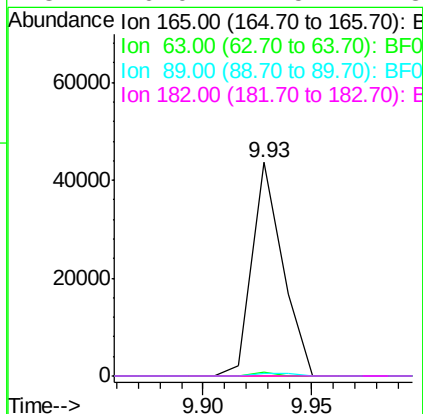
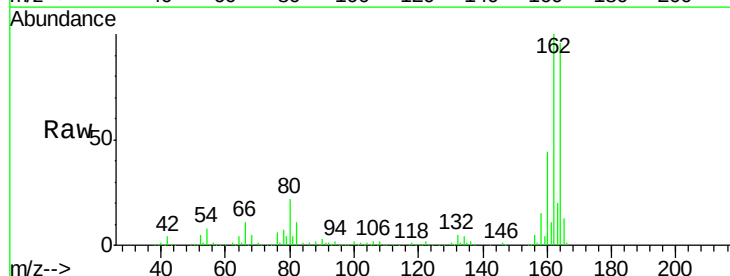
Instrument :
BNA_F
ClientSampleId :
T-16C

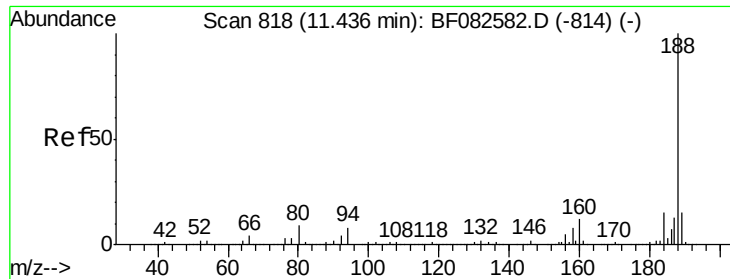
Tgt Ion:163 Resp: 418740
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 9.2 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF082646.D
Acq: 2 Nov 2015 22:31

Tgt Ion:165 Resp: 42958
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.4 70.6 106.0#
182 0.0 1.5 2.3#

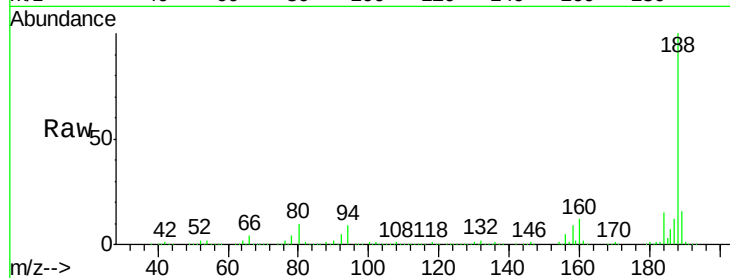




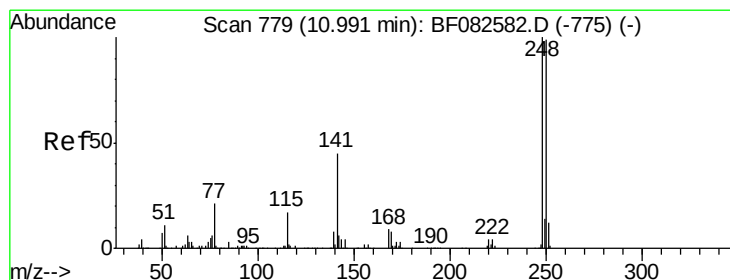
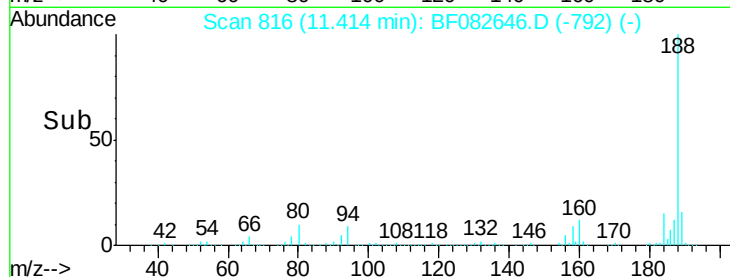
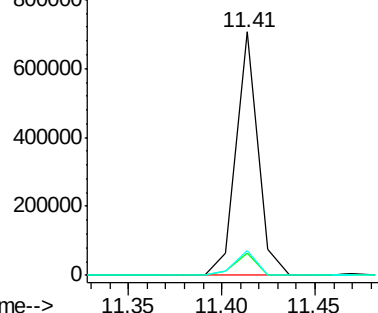
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Instrument :
 BNA_F
 ClientSampleId :
 T-16C

Tgt Ion:188 Resp: 582725
 Ion Ratio Lower Upper
 188 100
 94 9.2 6.1 9.1#
 80 10.0 7.0 10.6

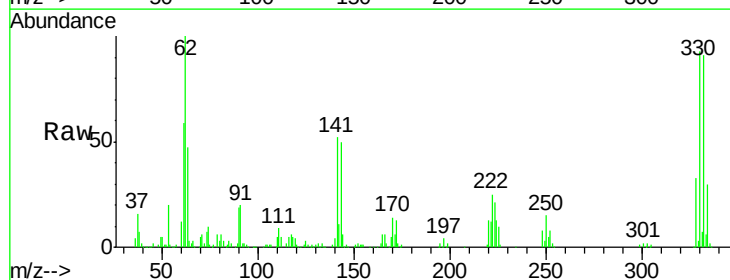


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

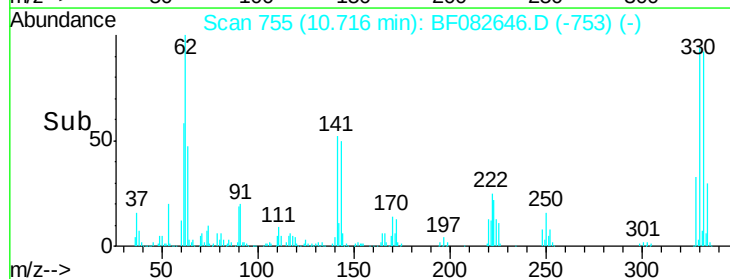
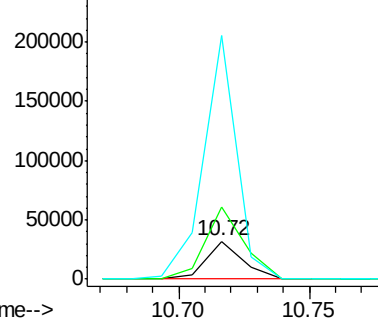


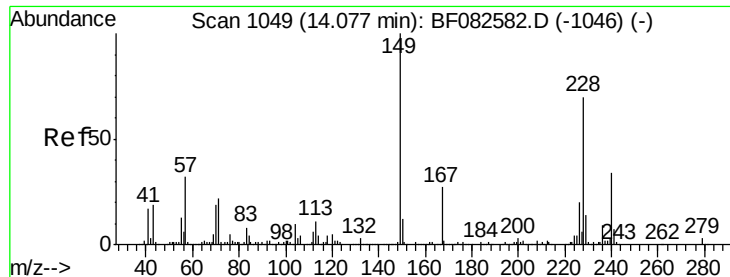
#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF082646.D
 Acq: 2 Nov 2015 22:31

Tgt Ion:248 Resp: 31581
 Ion Ratio Lower Upper
 248 100
 250 192.8 79.4 119.2#
 141 649.0 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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

Instrument :

BNA_F

ClientSampleId :

T-16C

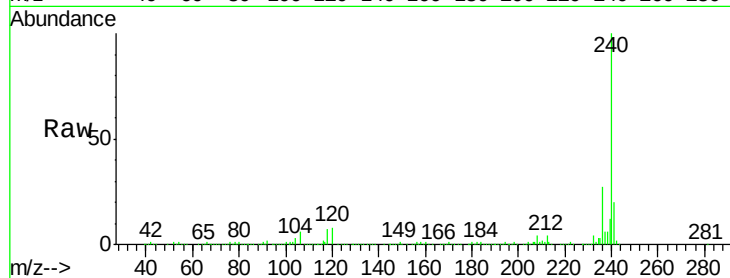
Tgt Ion:240 Resp: 479652

Ion Ratio Lower Upper

240 100

120 7.9 10.9 16.3#

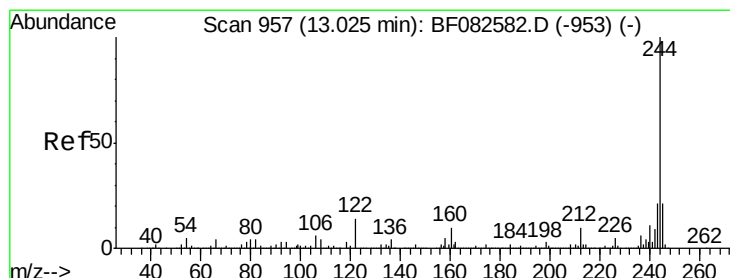
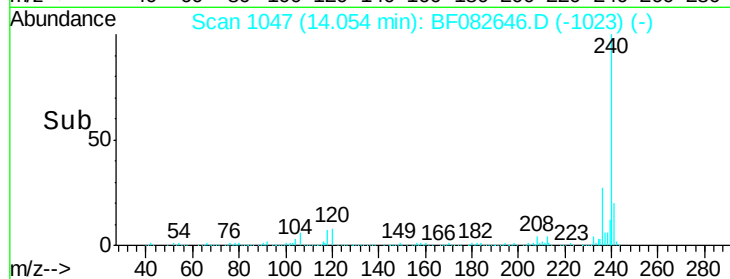
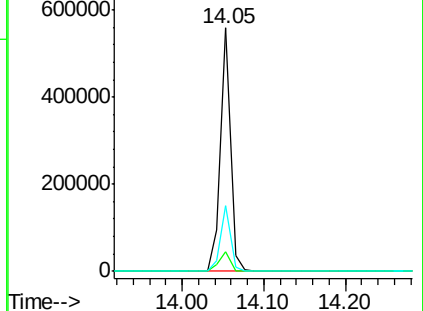
236 27.1 21.6 32.4



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: 70.38 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082646.D

Acq: 2 Nov 2015 22:31

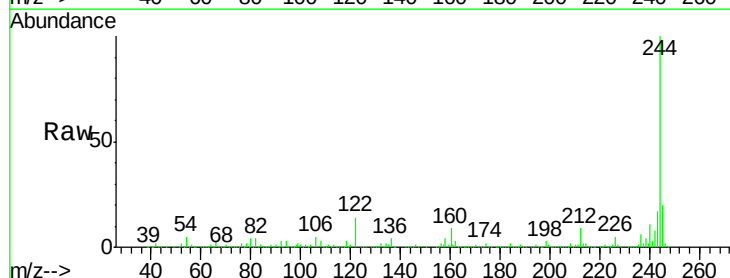
Tgt Ion:244 Resp: 1542506

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

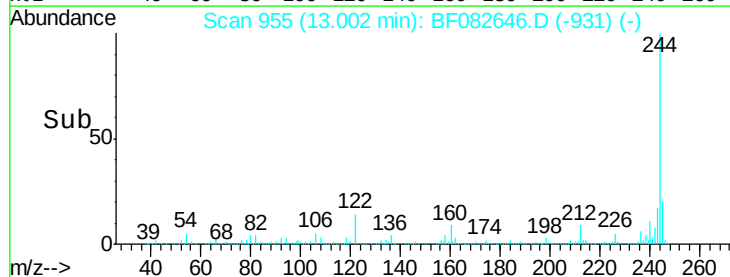
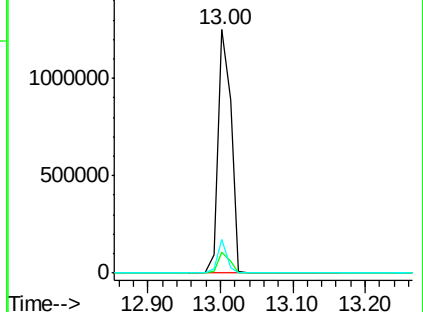
122 13.7 11.3 16.9

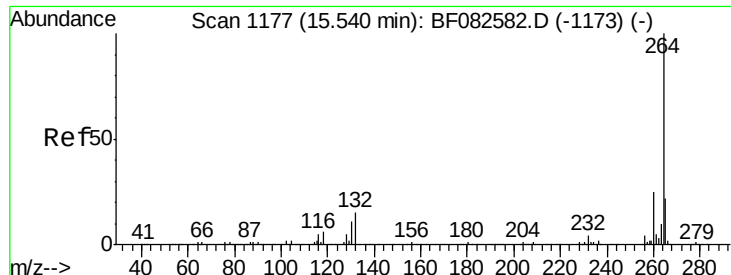


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

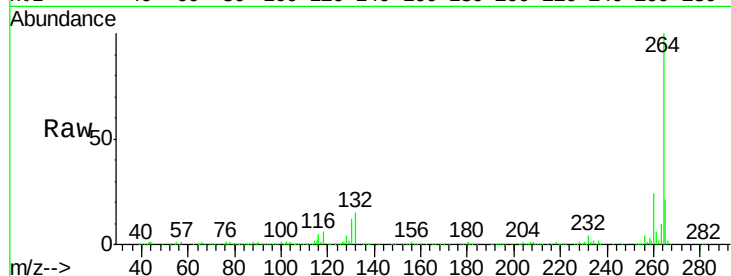




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.05 min
Lab File: BF082646.D
Acq: 2 Nov 2015 22:31

Instrument :
BNA_F
ClientSampleId :
T-16C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.2	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

