

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082267.D
 Acq On : 13 Oct 2015 21:27
 Operator : UM/IZ
 Sample : G3971-01RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7RX

Quant Time: Oct 14 01:21:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

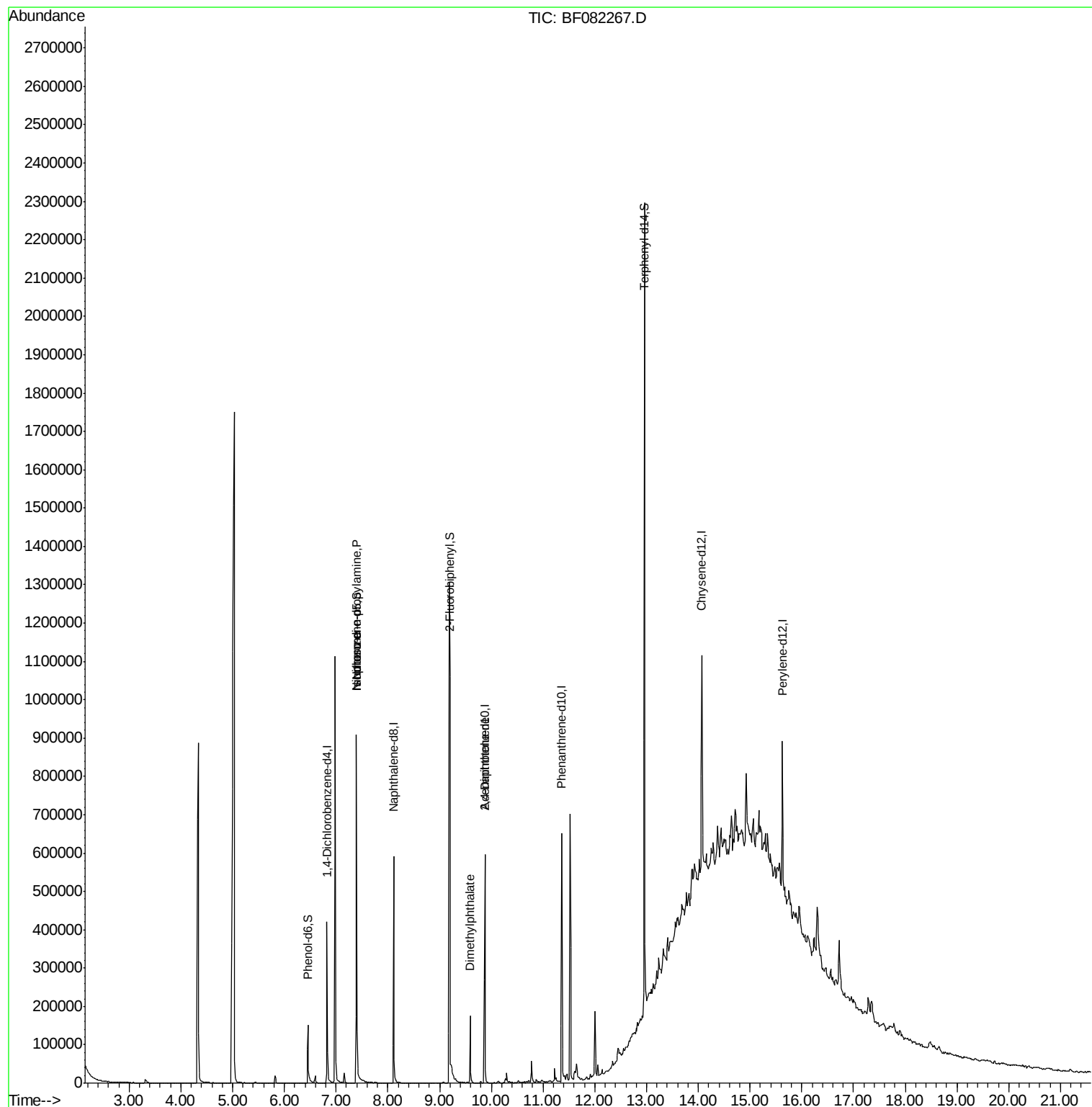
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	72191	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	292748	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	143046	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	284017	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	275511	20.00	ng	-0.07
86) Perylene-d12	15.62	264	215654	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1617	0.45	ng	0.01
7) Phenol-d6	6.46	99	92952	19.97	ng	-0.01
23) Nitrobenzene-d5	7.39	82	331805	76.11	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.20	172	652052	75.59	ng	0.00
78) Terphenyl-d14	12.96	244	748044	71.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	42164	12.90	ng	# 80
25) Isophorone	7.39	82	274414	31.19	ng	# 66
49) Dimethylphthalate	9.59	163	75530	7.50	ng	99
56) 2,4-Dinitrotoluene	9.87	165	17537	6.60	ng	# 21

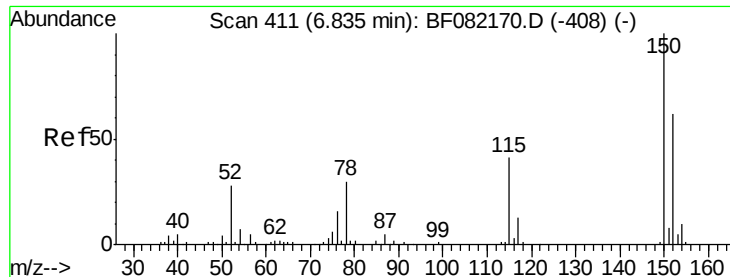
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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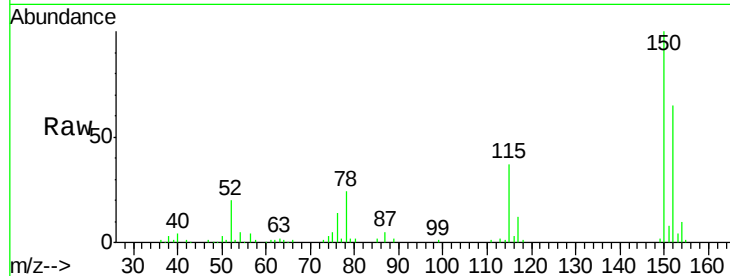


#1

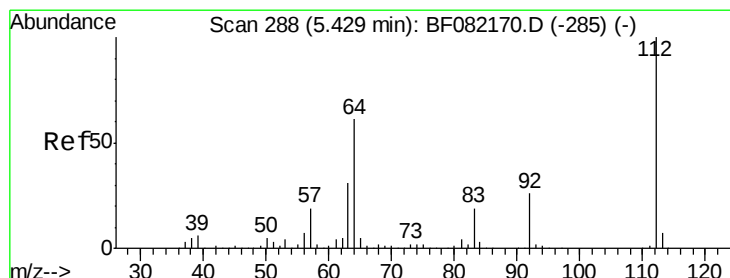
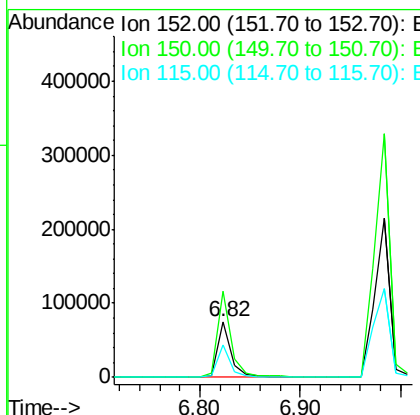
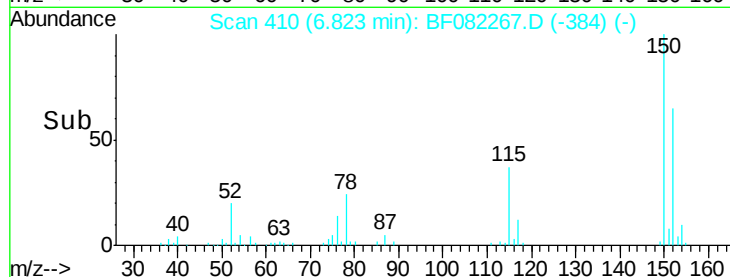
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082267.D
 Acq: 13 Oct 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-7RX

Tot Ion:152 Resp: 72191
 Ion Ratio Lower Upper
 152 100
 150 153.5 129.0 193.4
 115 56.7 52.1 78.1



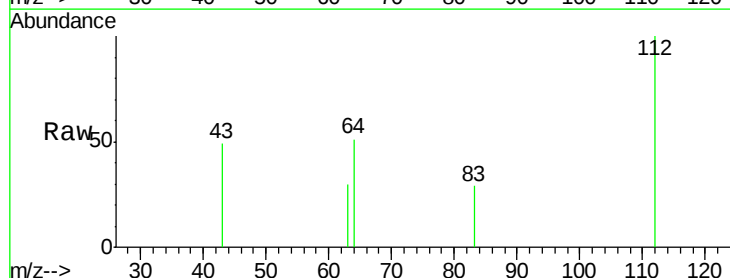
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



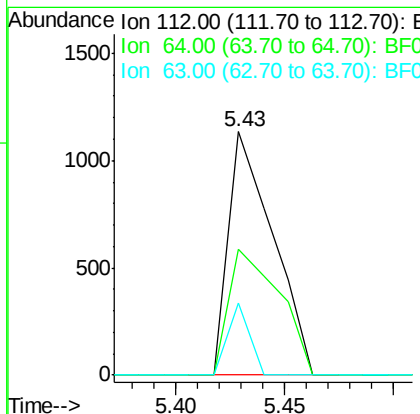
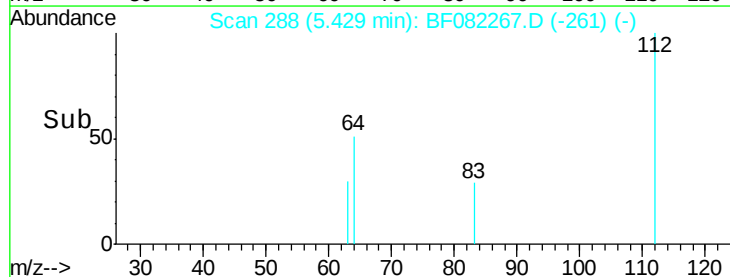
#5

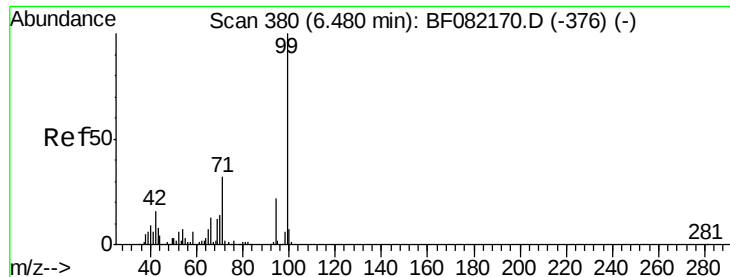
2-Fluorophenol
 Concen: 0.45 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082267.D
 Acq: 13 Oct 2015 21:27

Tgt Ion:112 Resp: 1617
 Ion Ratio Lower Upper
 112 100
 64 51.5 48.6 73.0
 63 29.6 25.1 37.7



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: 19.97 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

Instrument :

BNA_F

ClientSampleId :

CS-7RX

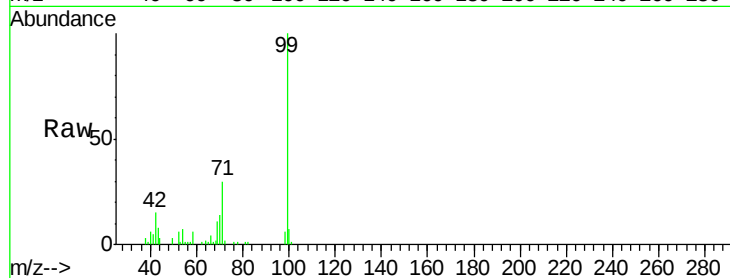
Tot Ion: 99 Resp: 92952

Ion Ratio Lower Upper

99 100

42 15.3 13.2 19.8

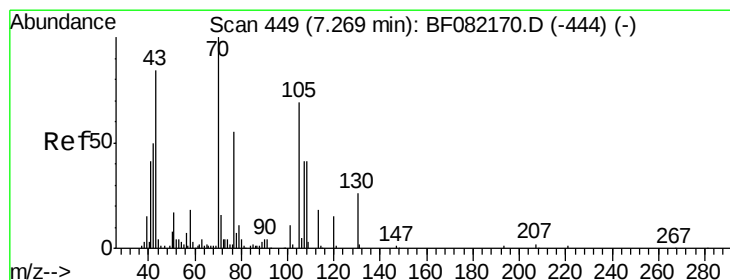
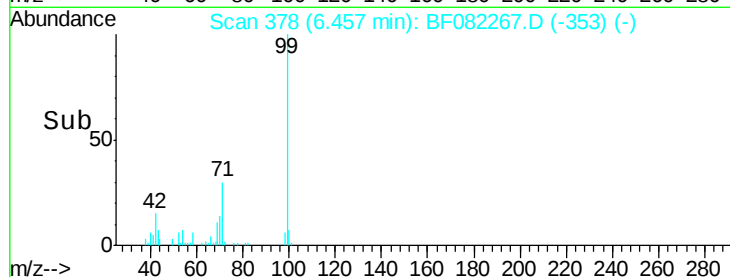
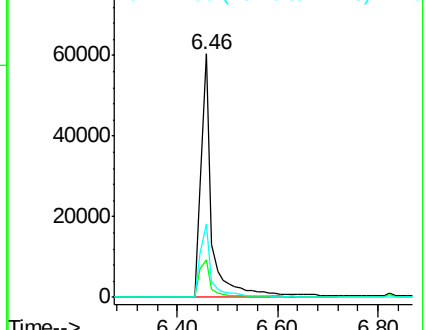
71 30.1 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.90 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

Tgt Ion: 70 Resp: 42164

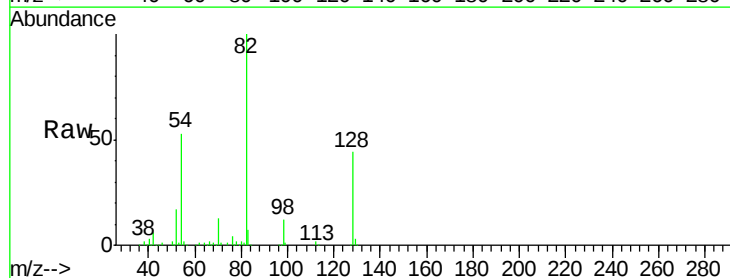
Ion Ratio Lower Upper

70 100

42 47.0 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#

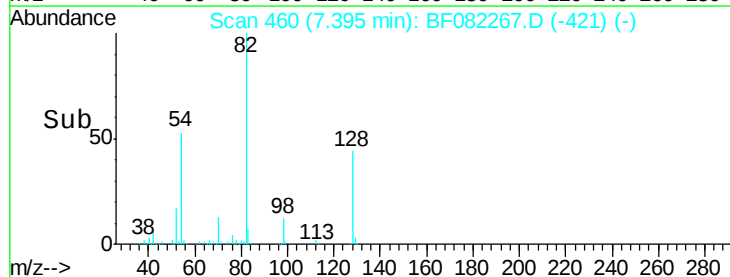
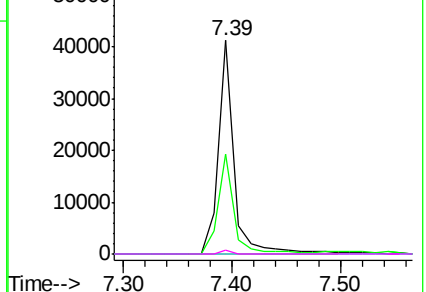


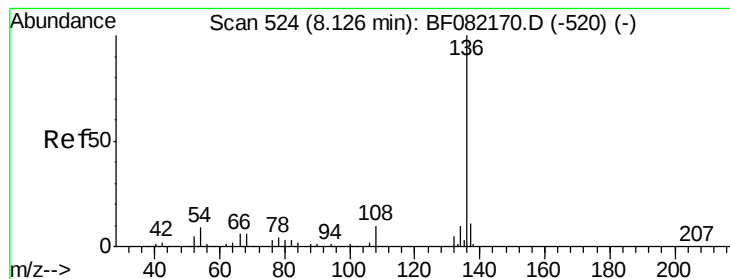
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

Instrument :

BNA_F

ClientSampleId :

CS-7RX

Tot Ion:136 Resp: 292748

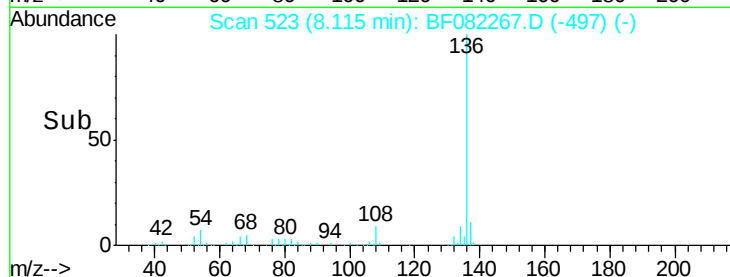
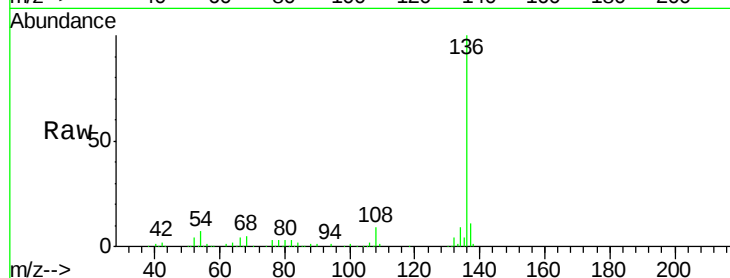
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 7.1 7.5 11.3#

68 4.7 4.6 7.0

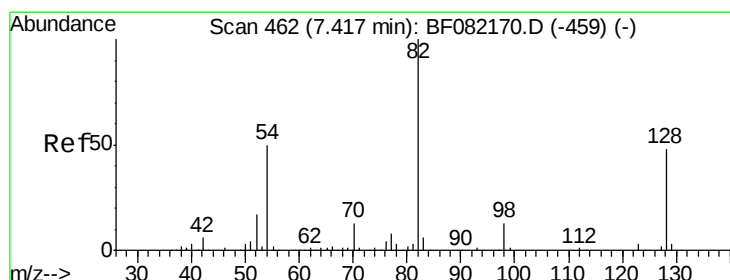
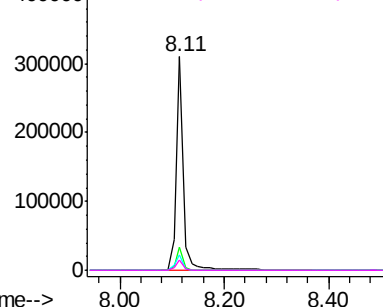


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 76.11 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

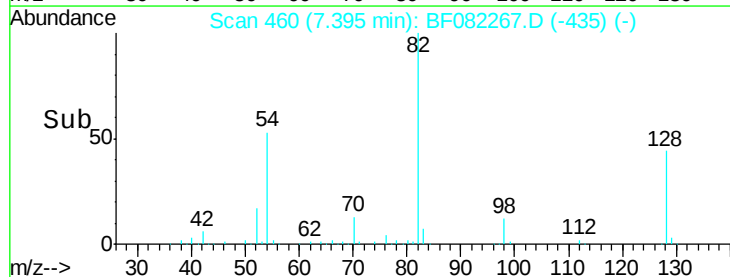
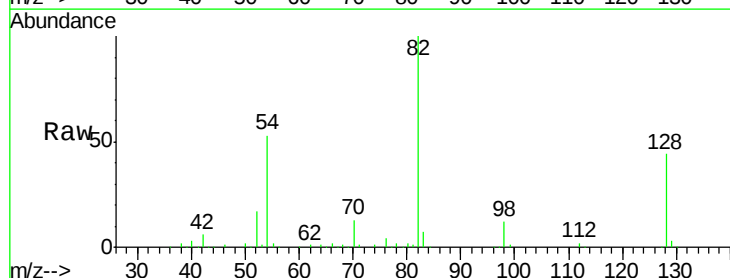
Tgt Ion: 82 Resp: 331805

Ion Ratio Lower Upper

82 100

128 43.7 38.7 58.1

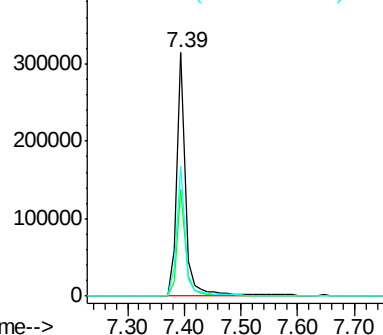
54 53.1 40.1 60.1

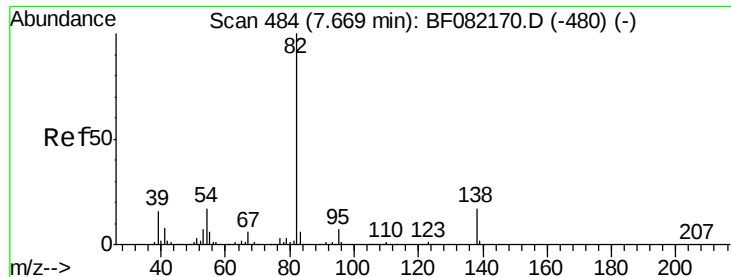


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.19 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

Instrument :

BNA_F

ClientSampleId :

CS-7RX

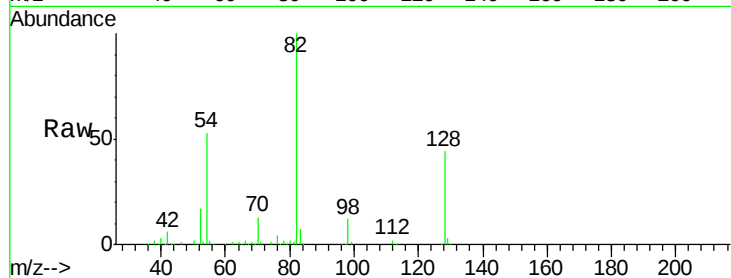
Tot Ion: 82 Resp: 274414

Ion Ratio Lower Upper

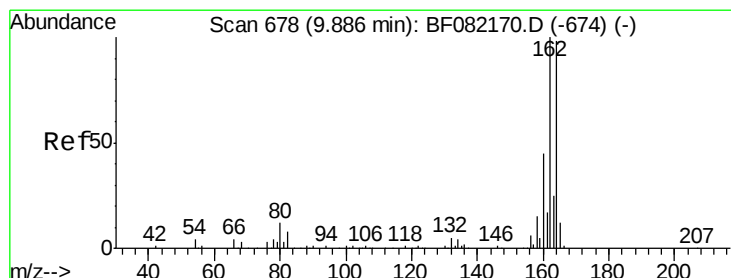
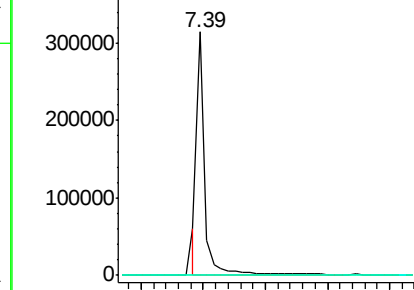
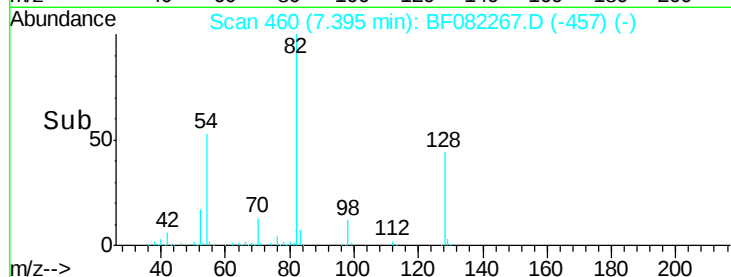
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

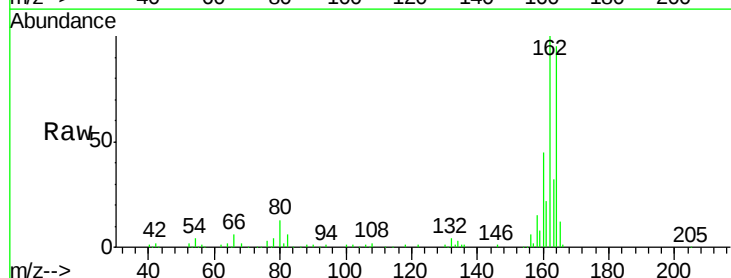
Tgt Ion: 164 Resp: 143046

Ion Ratio Lower Upper

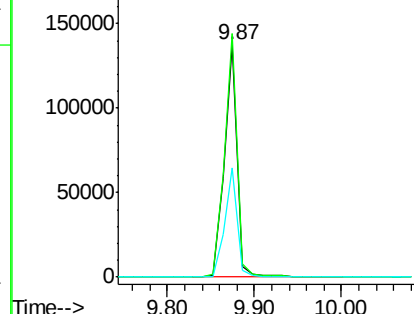
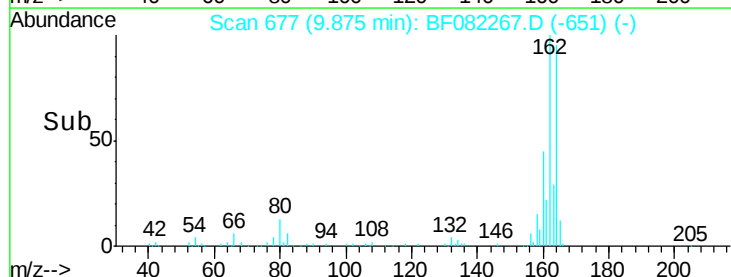
164 100

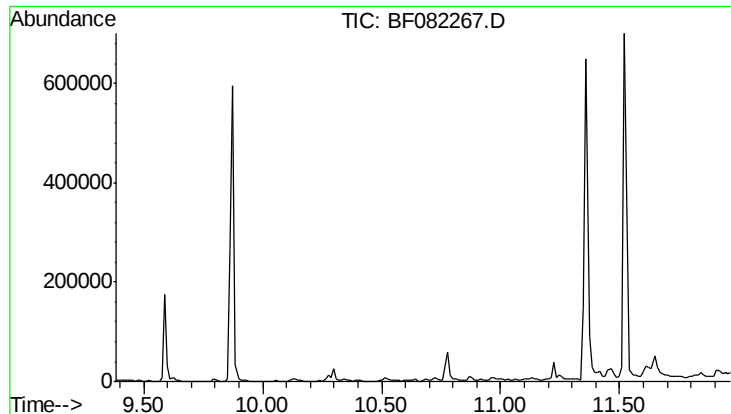
162 104.8 81.6 122.4

160 46.8 36.4 54.6



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

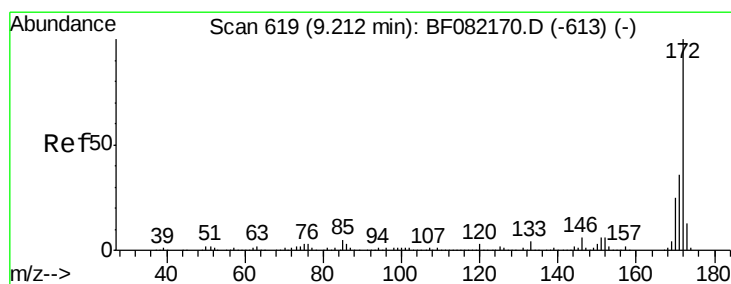
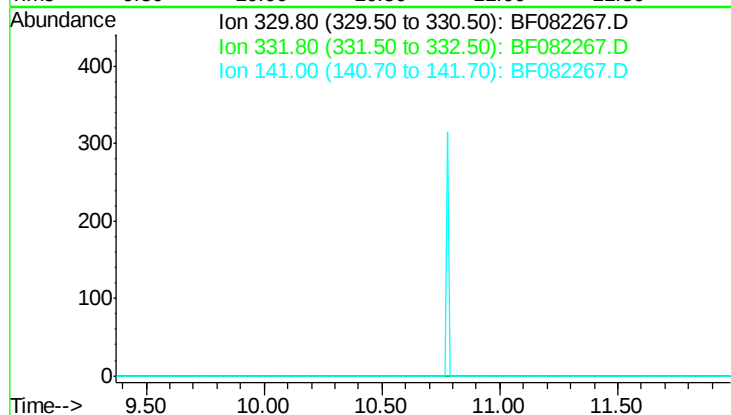




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF082267.D
 Acq: 13 Oct 2015 21:27

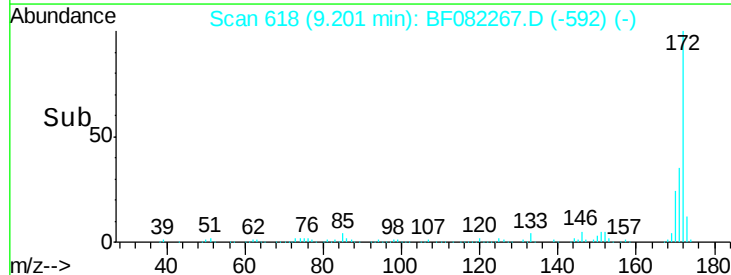
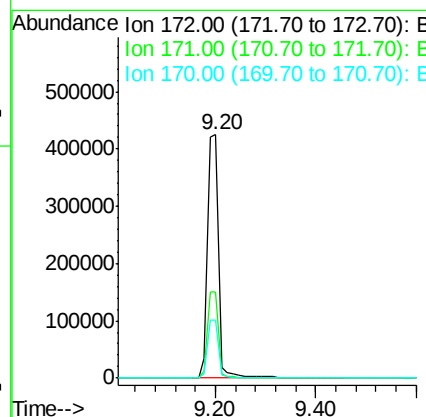
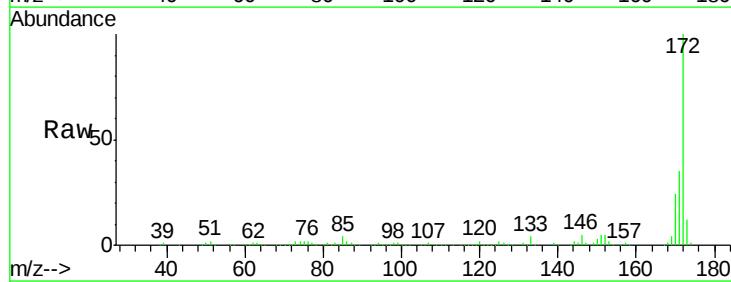
Instrument :
 BNA_F
 ClientSampleId :
 CS-7RX

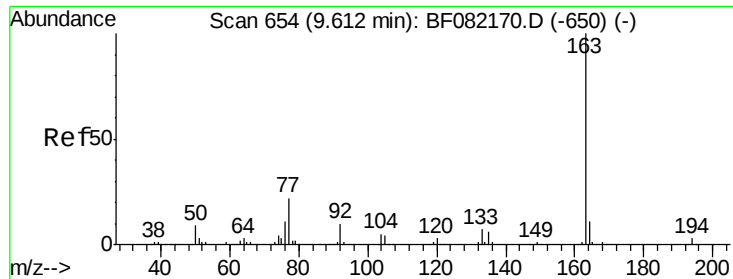
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 37.3



#44
 2-Fluorobiphenyl
 Concen: 75.59 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082267.D
 Acq: 13 Oct 2015 21:27

Tgt Ion:172 Resp: 652052
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.7 19.7 29.5

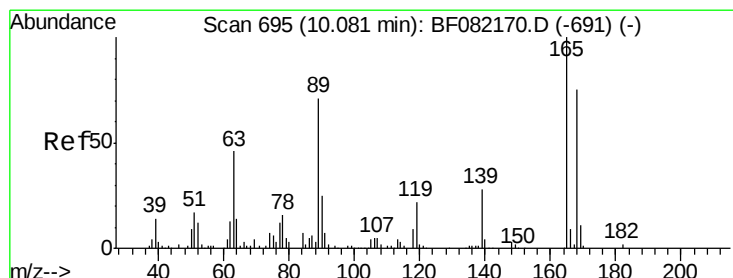
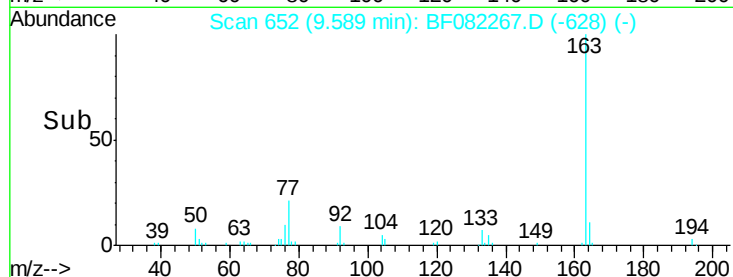
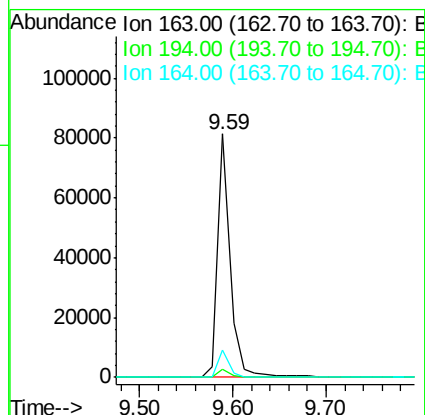
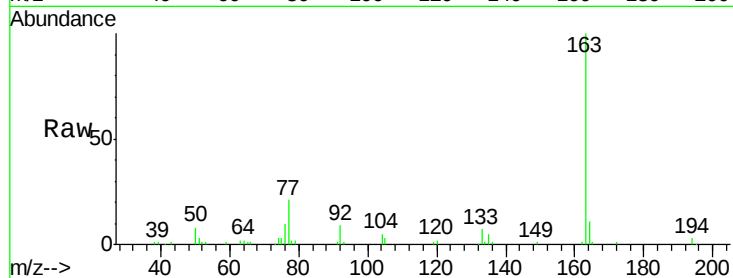




#49
Dimethylphthalate
Concen: 7.50 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082267.D
Acq: 13 Oct 2015 21:27

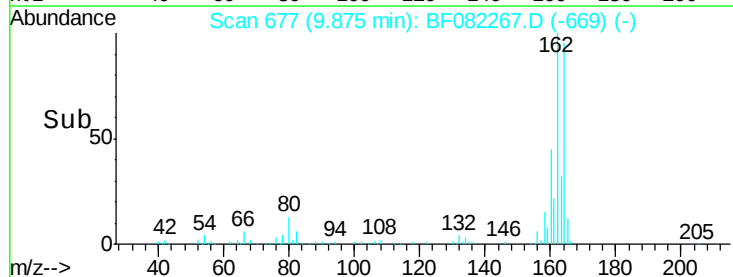
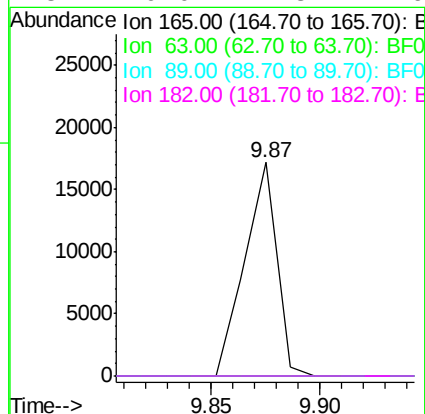
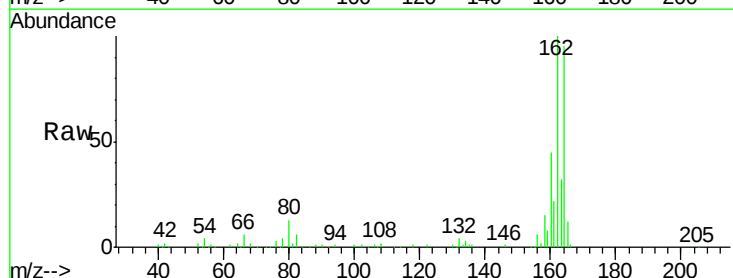
Instrument :
BNA_F
ClientSampled :
CS-7RX

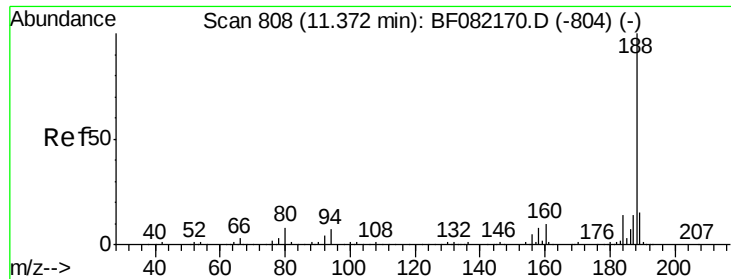
Tot Ion:163 Resp: 75530
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.0 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082267.D
Acq: 13 Oct 2015 21:27

Tgt Ion:165 Resp: 17537
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

Instrument :

BNA_F

ClientSampleId :

CS-7RX

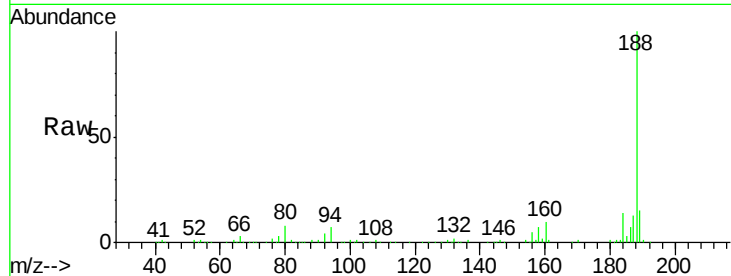
Tot Ion:188 Resp: 284017

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

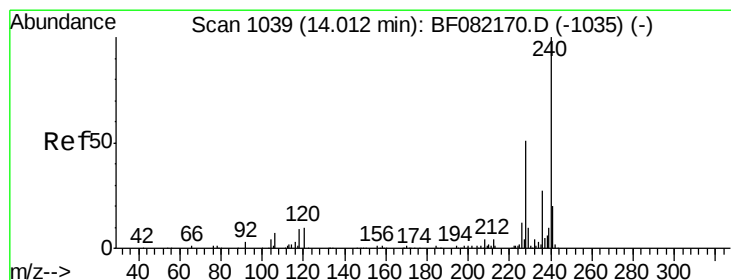
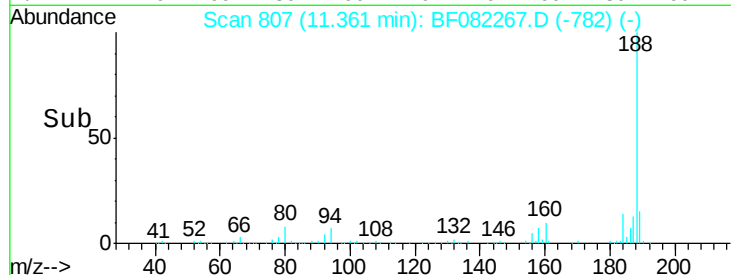
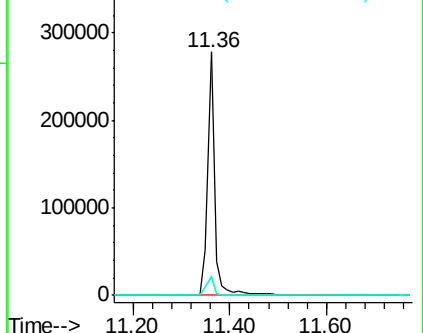
80 8.1 6.4 9.6



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: 14.07 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BF082267.D

Acq: 13 Oct 2015 21:27

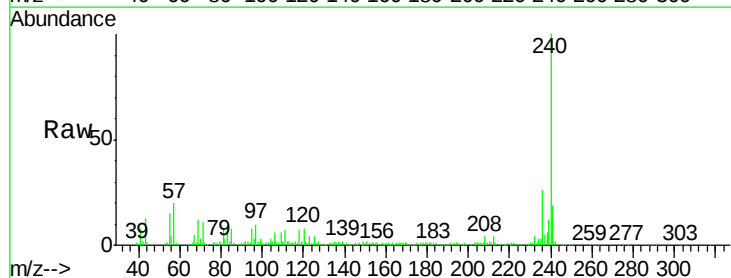
Tgt Ion:240 Resp: 275511

Ion Ratio Lower Upper

240 100

120 8.2 8.1 12.1

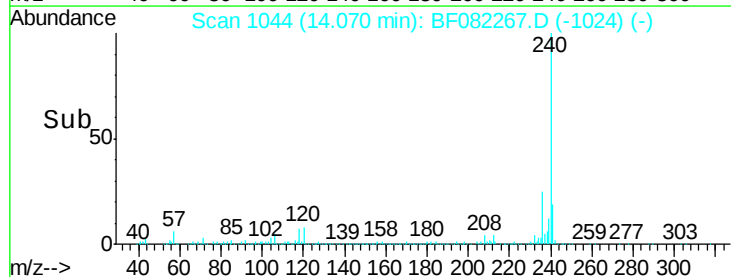
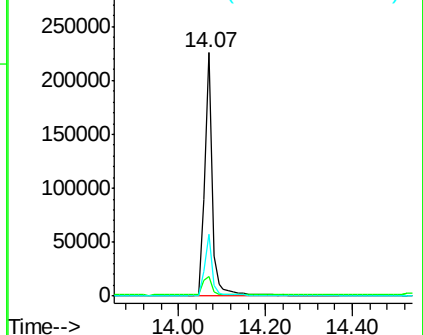
236 25.7 21.3 31.9

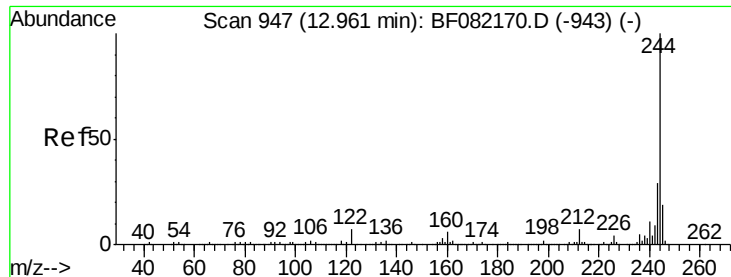


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

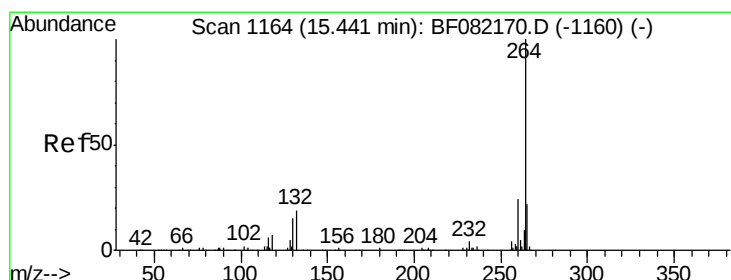
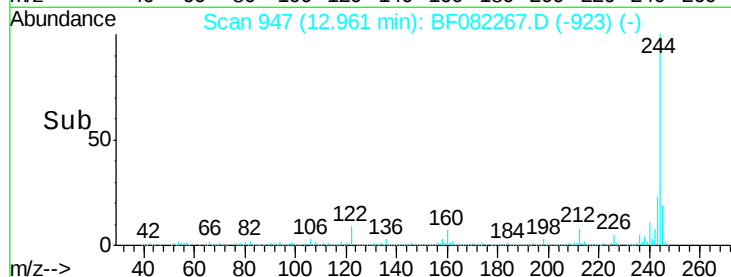
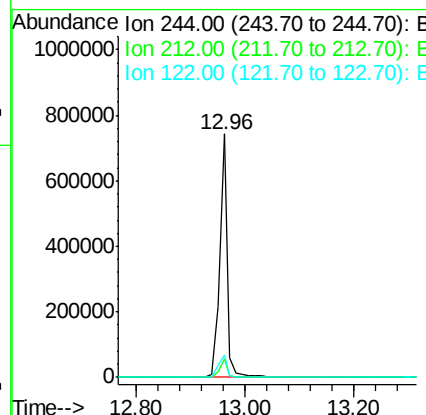
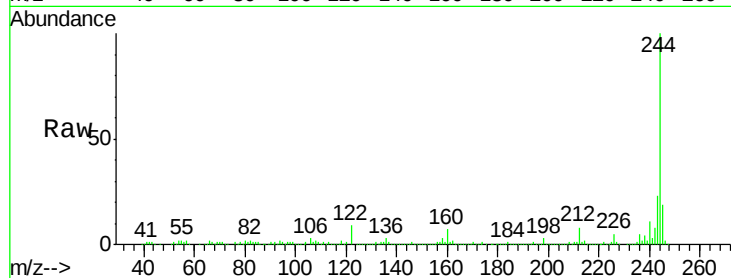




#78
 Terphenyl-d14
 Concen: 71.95 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082267.D
 Acq: 13 Oct 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-7RX

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.3	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1180
 Delta R.T. -0.15 min
 Lab File: BF082267.D
 Acq: 13 Oct 2015 21:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	17.3	25.9

