

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082479.D
 Acq On : 23 Oct 2015 21:50
 Operator : UM/IZ
 Sample : PB86215BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BL

Quant Time: Oct 24 04:54:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

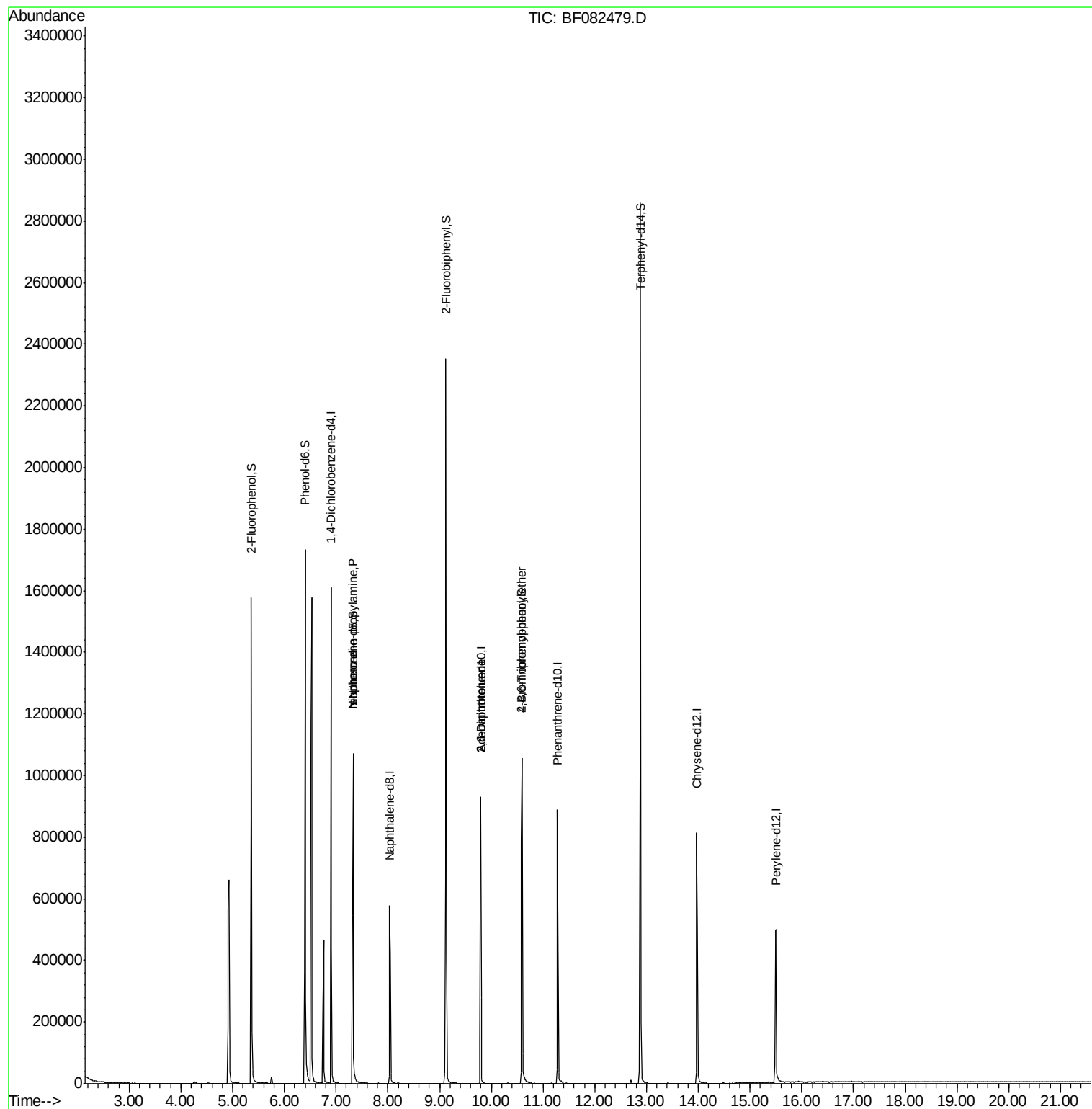
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	266468	20.00	ng	0.15
21) Naphthalene-d8	8.03	136	400856	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	210328	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	428860	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	402414	20.00	ng	0.01
86) Perylene-d12	15.50	264	324754	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	556494	42.15	ng	0.01
7) Phenol-d6	6.40	99	650695	37.87	ng	-0.01
23) Nitrobenzene-d5	7.33	82	447685	75.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	182372	92.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	866357	68.31	ng	-0.01
78) Terphenyl-d14	12.88	244	984260	64.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	57122	4.73	ng	# 76
25) Isophorone	7.33	82	432795	35.92	ng	# 66
50) 2,6-Dinitrotoluene	9.79	165	26277	8.41	ng	# 32
56) 2,4-Dinitrotoluene	9.79	165	26279	6.73	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	13122	3.06	ng	# 1

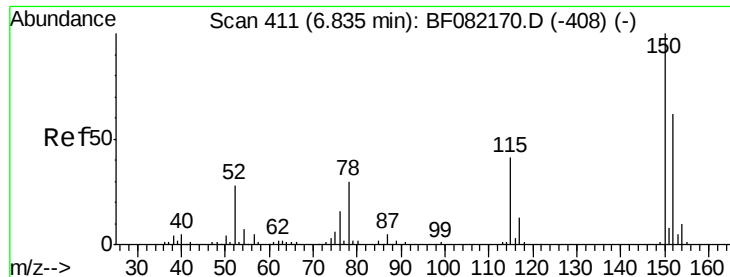
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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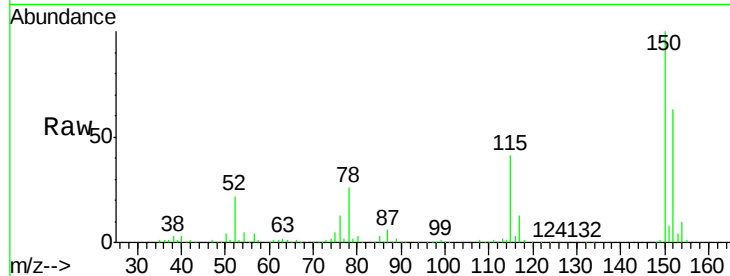


#1

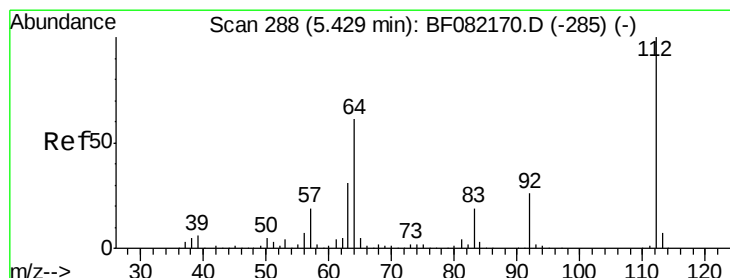
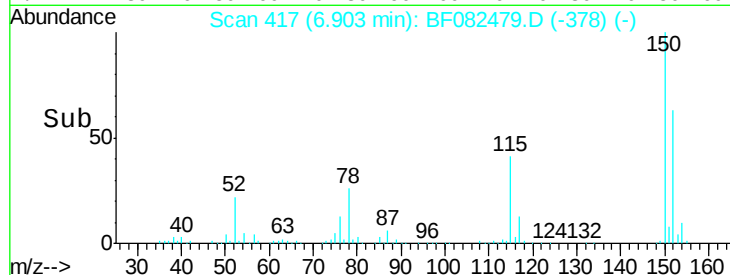
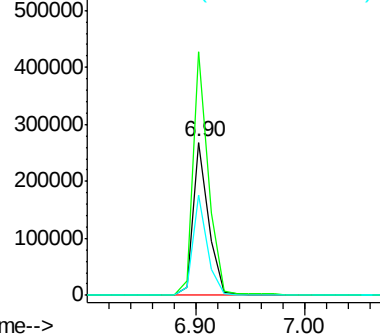
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB86215BL

Tot Ion:152 Resp: 266468
Ion Ratio Lower Upper
152 100
150 158.8 129.0 193.4
115 65.3 52.1 78.1



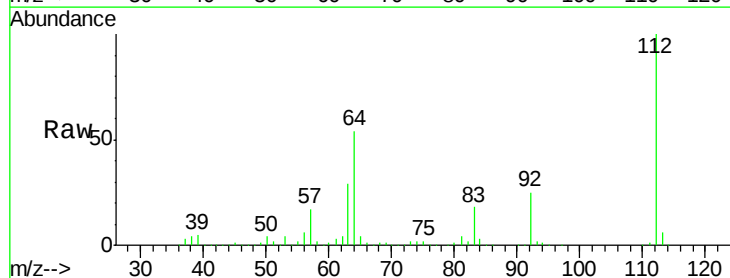
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



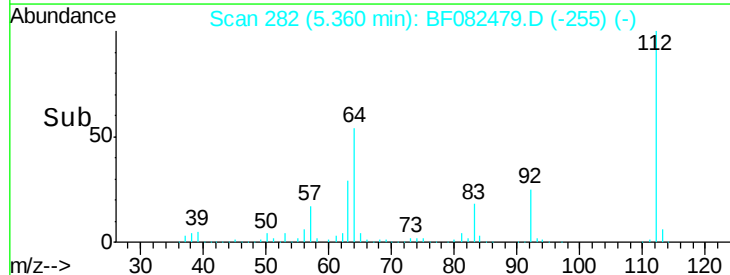
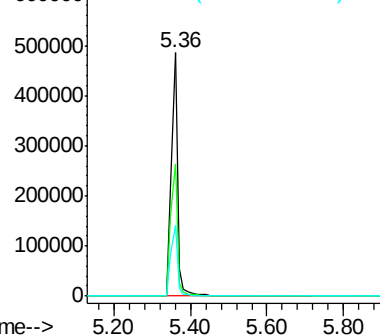
#5

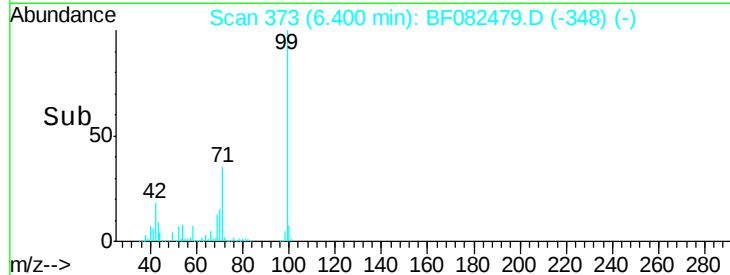
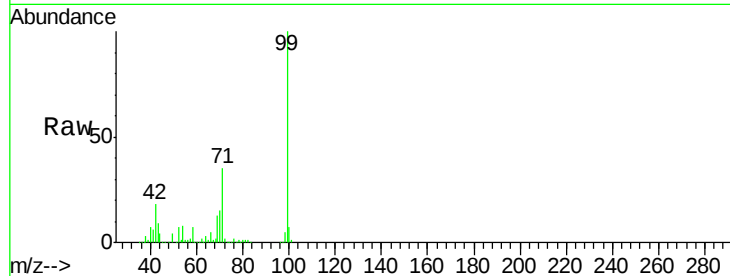
2-Fluorophenol
Concen: 42.15 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:112 Resp: 556494
Ion Ratio Lower Upper
112 100
64 54.5 48.6 73.0
63 28.8 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: 37.87 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB86215BL

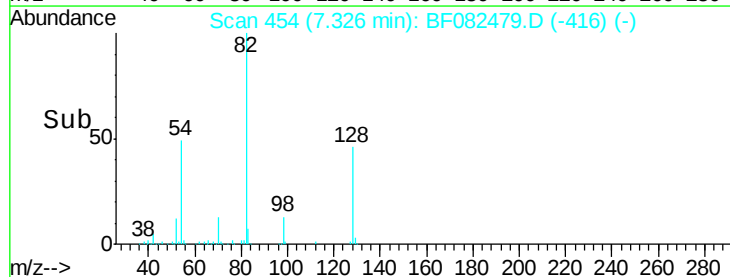
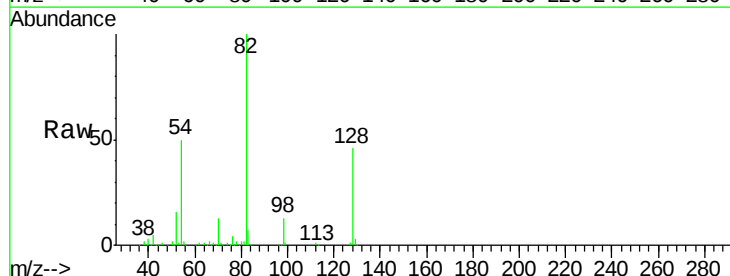
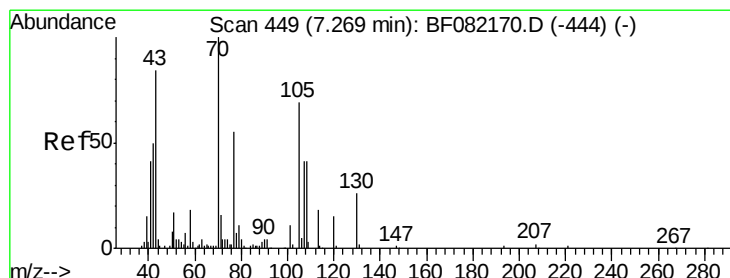
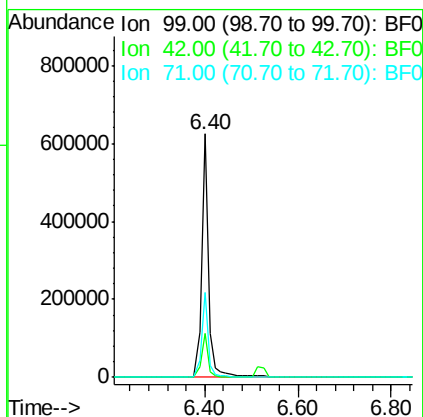
Tot Ion: 99 Resp: 650695

Ion Ratio Lower Upper

99 100

42 18.0 13.2 19.8

71 35.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.73 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

Tgt Ion: 70 Resp: 57122

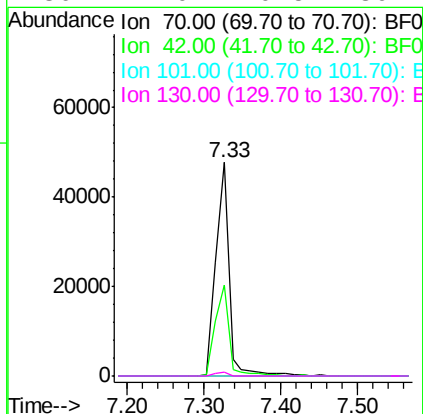
Ion Ratio Lower Upper

70 100

42 42.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.0 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB86215BL

Tot Ion:136 Resp: 400856

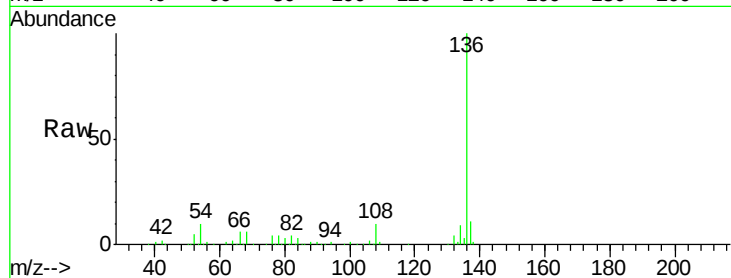
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 9.7 7.5 11.3

68 6.1 4.6 7.0

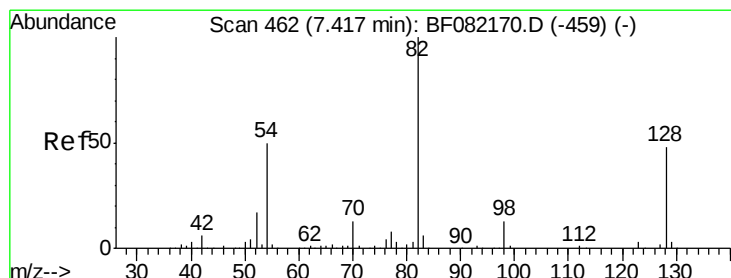
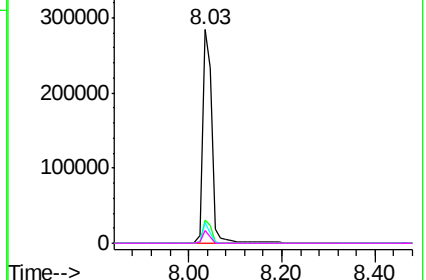
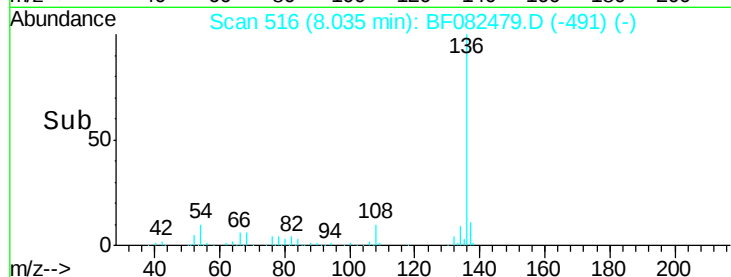


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.00 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

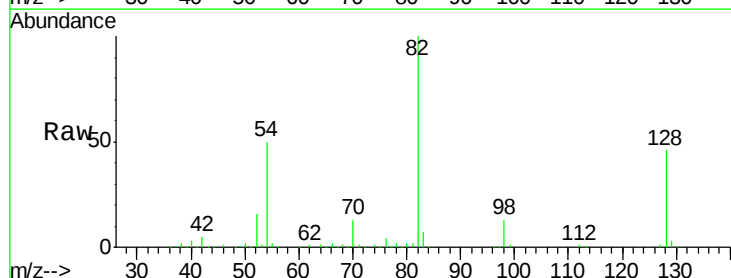
Tgt Ion: 82 Resp: 447685

Ion Ratio Lower Upper

82 100

128 46.4 38.7 58.1

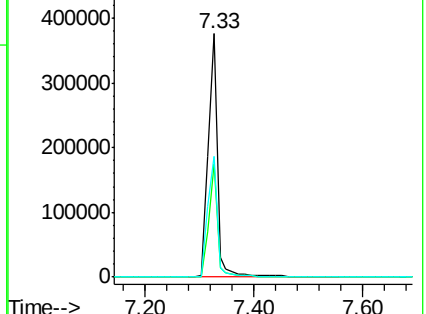
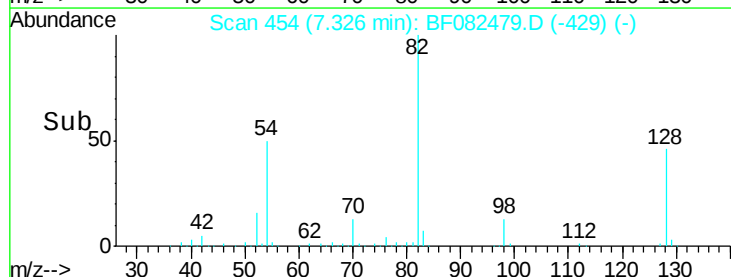
54 49.7 40.1 60.1



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: 35.92 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB86215BL

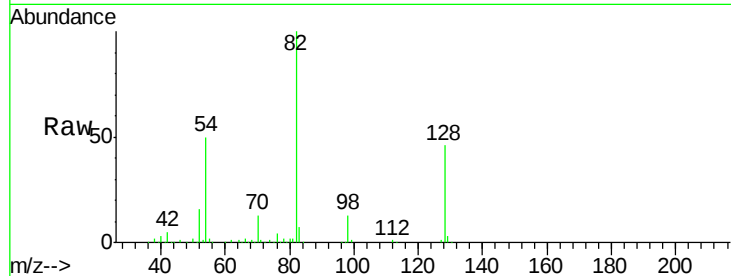
Tot Ion: 82 Resp: 432795

Ion Ratio Lower Upper

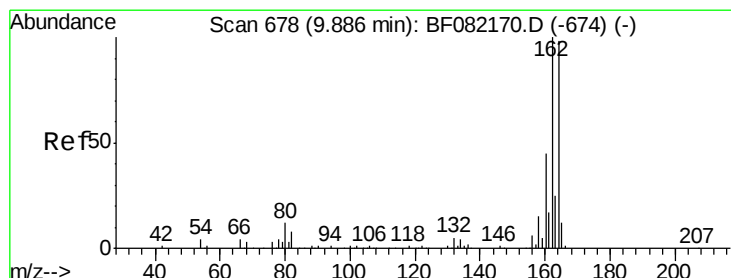
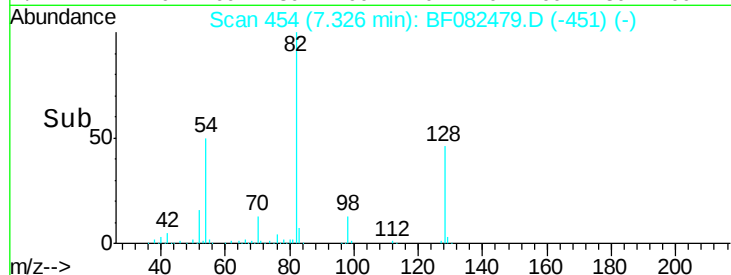
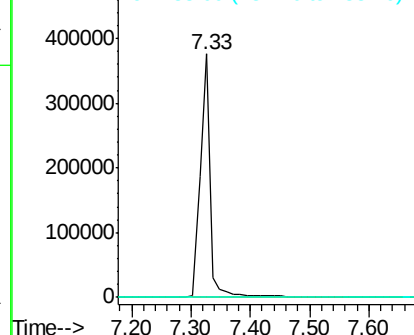
82 100

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: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

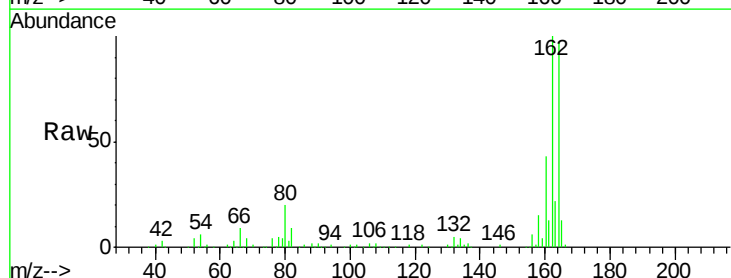
Tgt Ion: 164 Resp: 210328

Ion Ratio Lower Upper

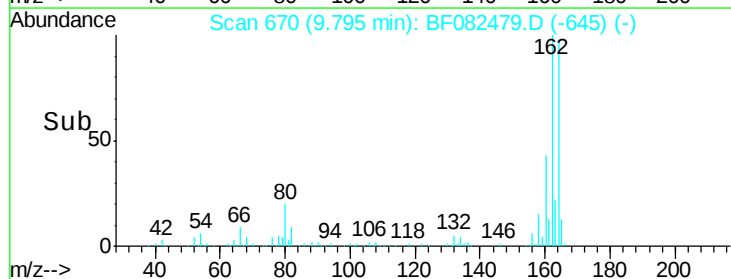
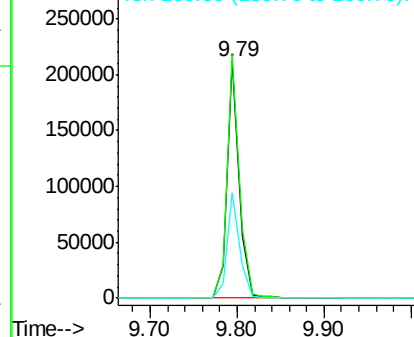
164 100

162 102.7 81.6 122.4

160 44.5 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

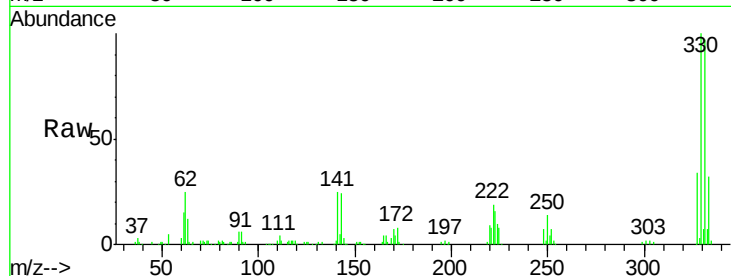




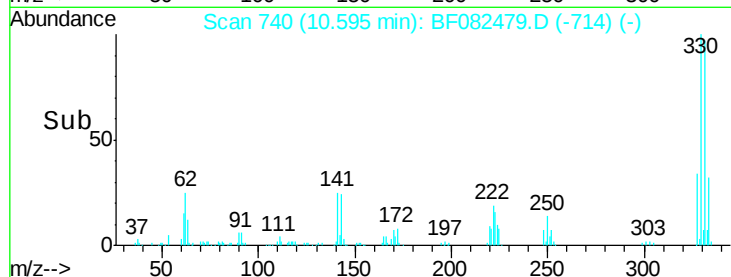
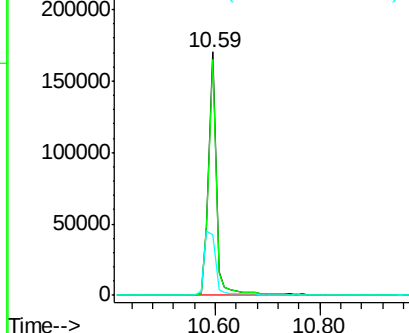
#41
 2,4,6-Tribromophenol
 Concen: 92.46 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082479.D
 Acq: 23 Oct 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	39.0	29.8	44.8

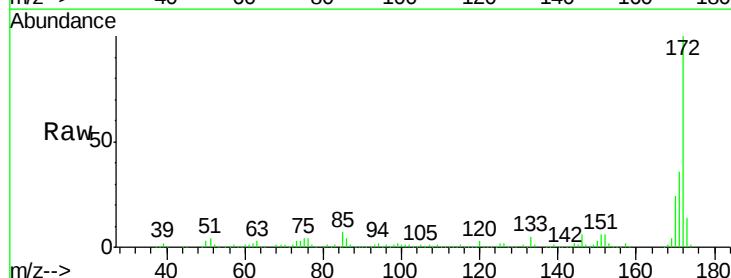


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

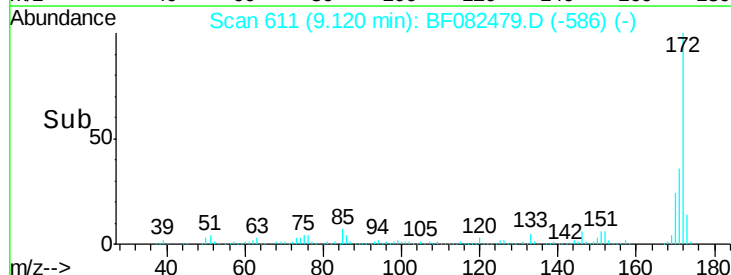
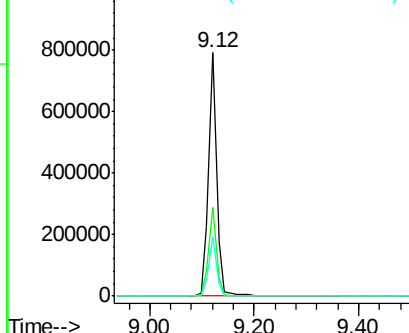


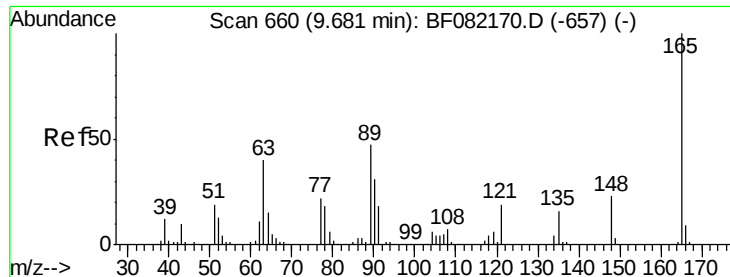
#44
 2-Fluorobiphenyl
 Concen: 68.31 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082479.D
 Acq: 23 Oct 2015 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.3	19.7	29.5



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

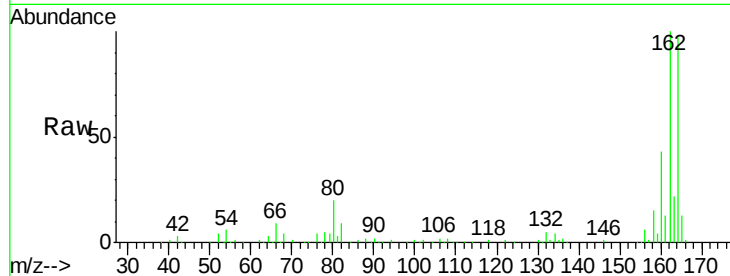




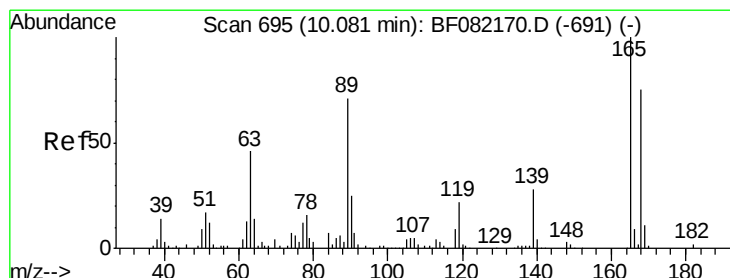
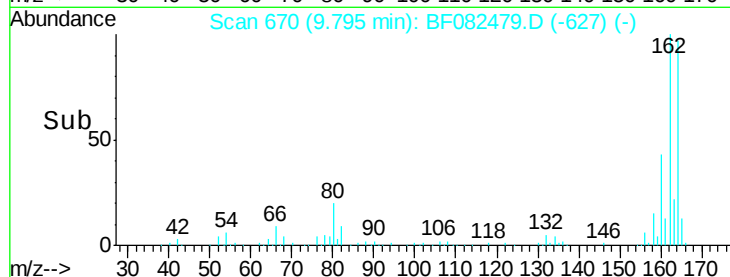
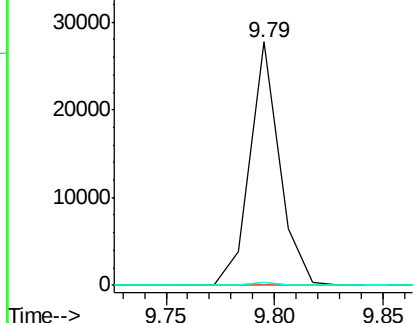
#50
 2,6-Dinitrotoluene
 Concen: 8.41 ng
 RT: 9.79 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF082479.D
 Acq: 23 Oct 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86215BL

Tot Ion:165 Resp: 26277
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.7 55.1#
 89 1.1 37.8 56.6#



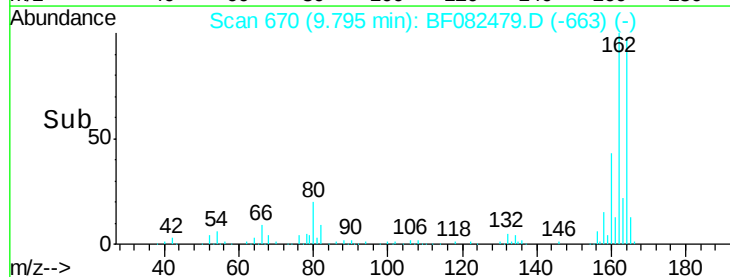
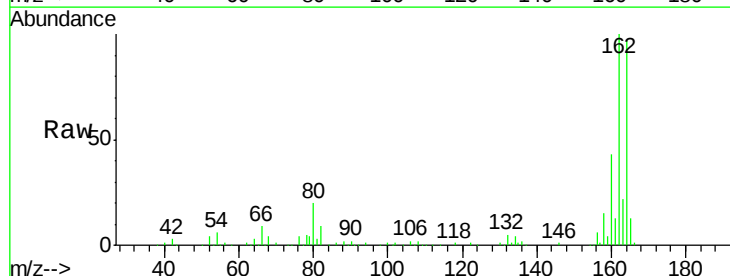
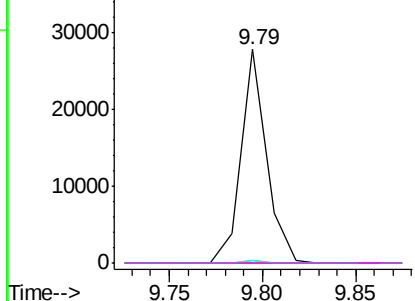
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF082479.D
 Acq: 23 Oct 2015 21:50

Tgt Ion:165 Resp: 26279
 Ion Ratio Lower Upper
 165 100
 63 1.4 38.6 58.0#
 89 1.1 57.0 85.6#
 182 0.0 1.8 2.6#

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
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

Instrument :

BNA_F

ClientSampleId :

PB86215BL

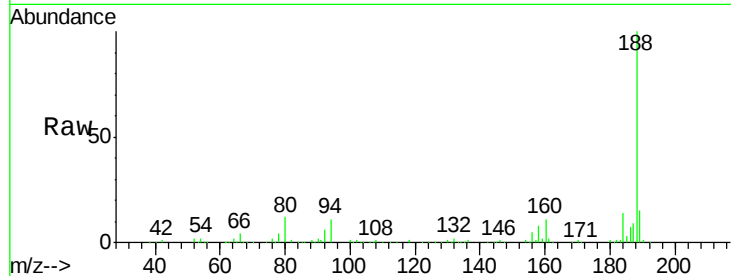
Tot Ion:188 Resp: 428860

Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.6#

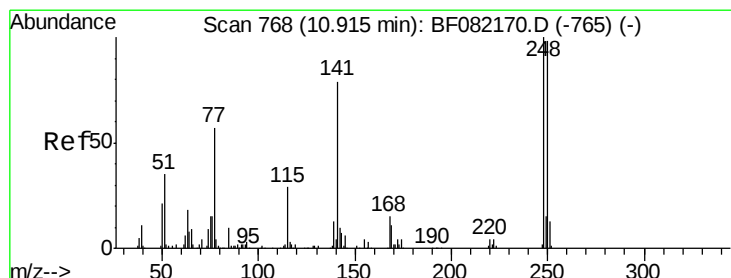
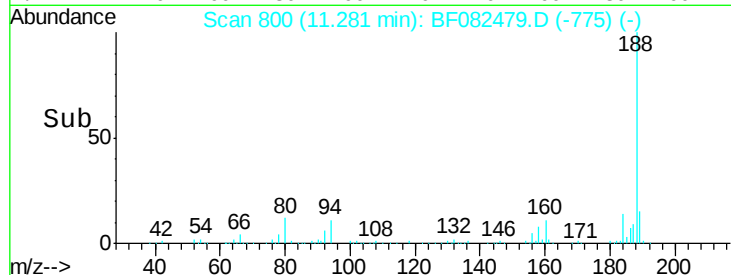
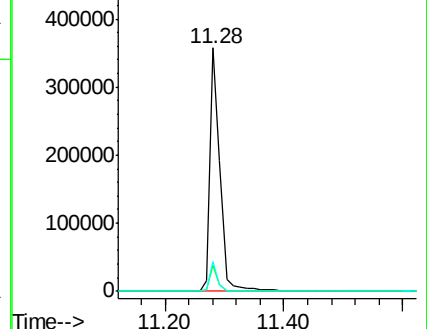
80 12.0 6.4 9.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.06 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082479.D

Acq: 23 Oct 2015 21:50

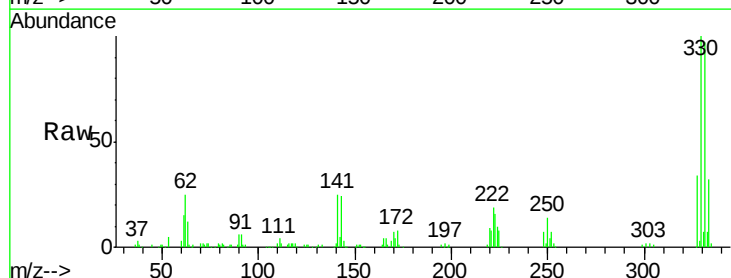
Tgt Ion:248 Resp: 13122

Ion Ratio Lower Upper

248 100

250 201.2 78.6 117.8#

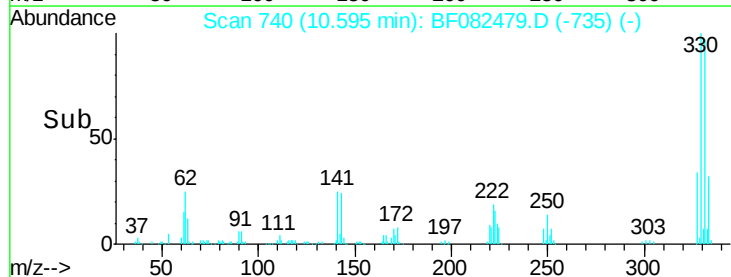
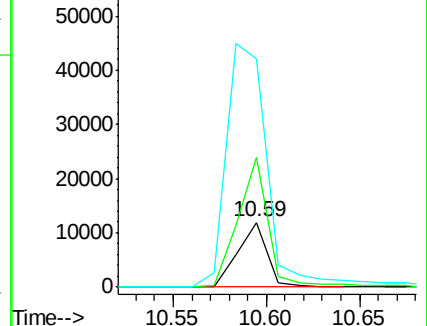
141 352.2 63.3 94.9#

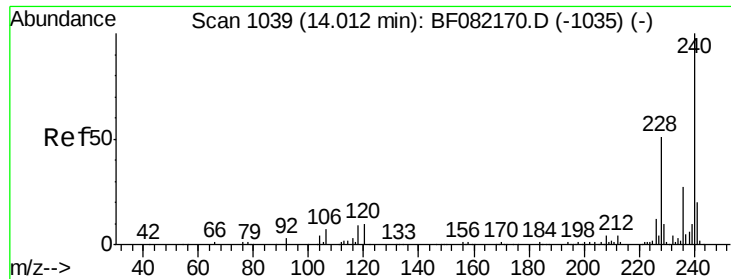


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

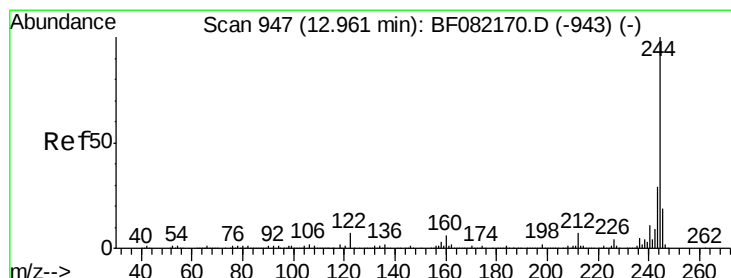
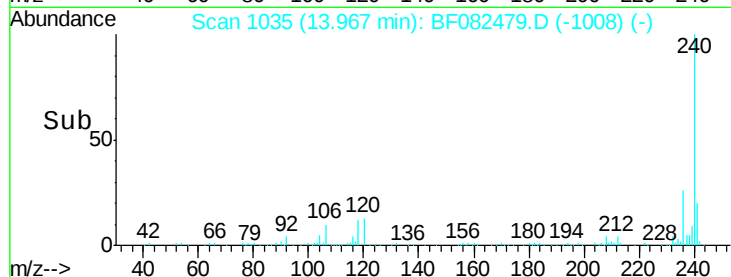
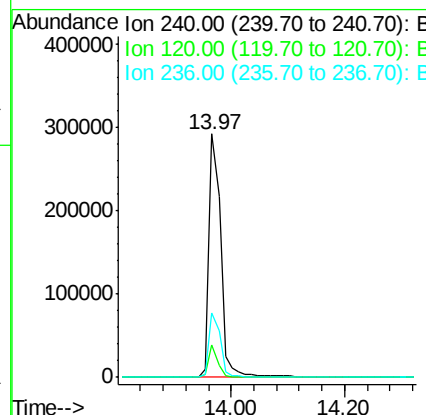
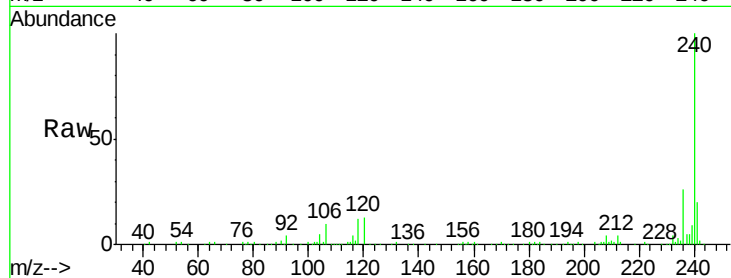




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

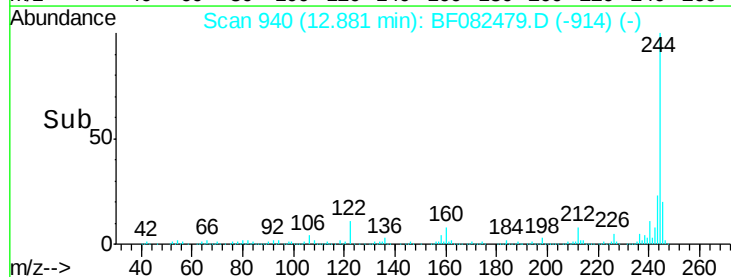
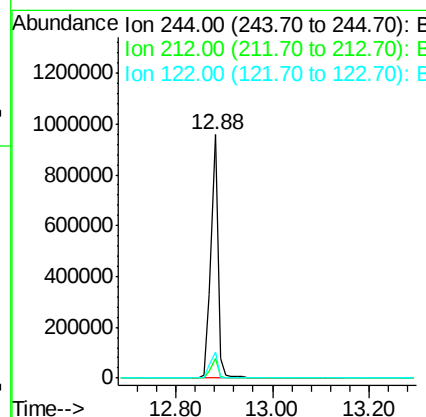
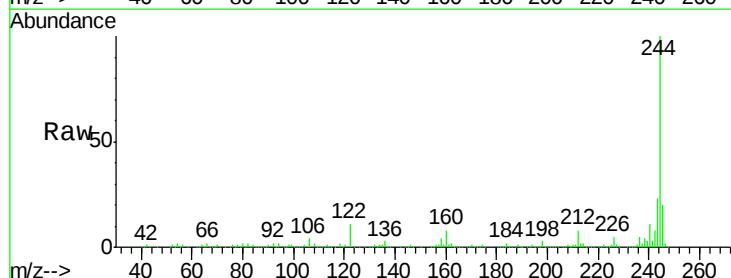
Instrument :
BNA_F
ClientSampleId :
PB86215BL

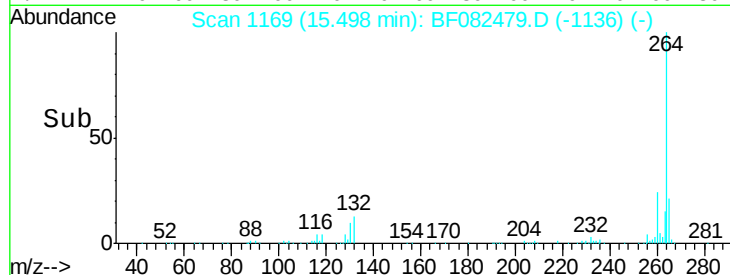
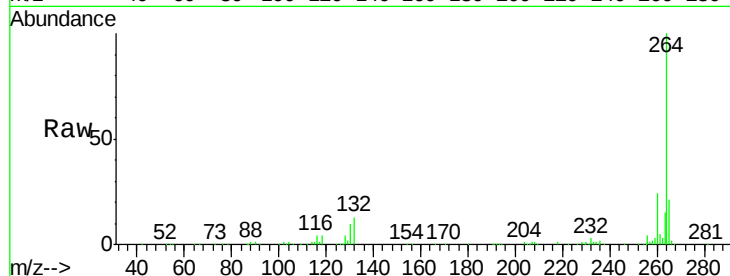
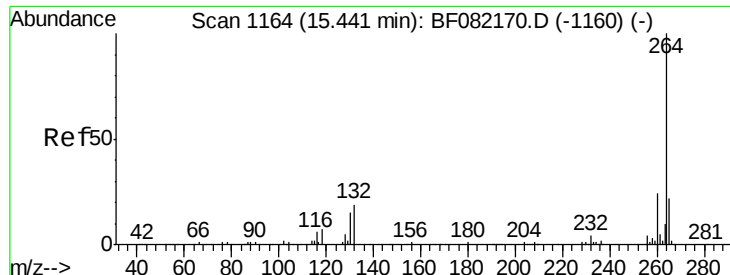
Tot Ion:240 Resp: 402414
Ion Ratio Lower Upper
240 100
120 13.5 8.1 12.1#
236 26.2 21.3 31.9



#78
Terphenyl-d14
Concen: 64.81 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:244 Resp: 984260
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.6
122 10.8 5.9 8.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. 0.08 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Instrument :
BNA_F
ClientSampleId :
PB86215BL

Tot Ion:264	Resp:	324754
Ion	Ratio	Lower Upper
264	100	
260	23.5	19.0 28.6
265	21.4	17.3 25.9

