

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082480.D
 Acq On : 23 Oct 2015 22:19
 Operator : UM/IZ
 Sample : PB86271BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BL

Quant Time: Oct 24 04:54:12 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

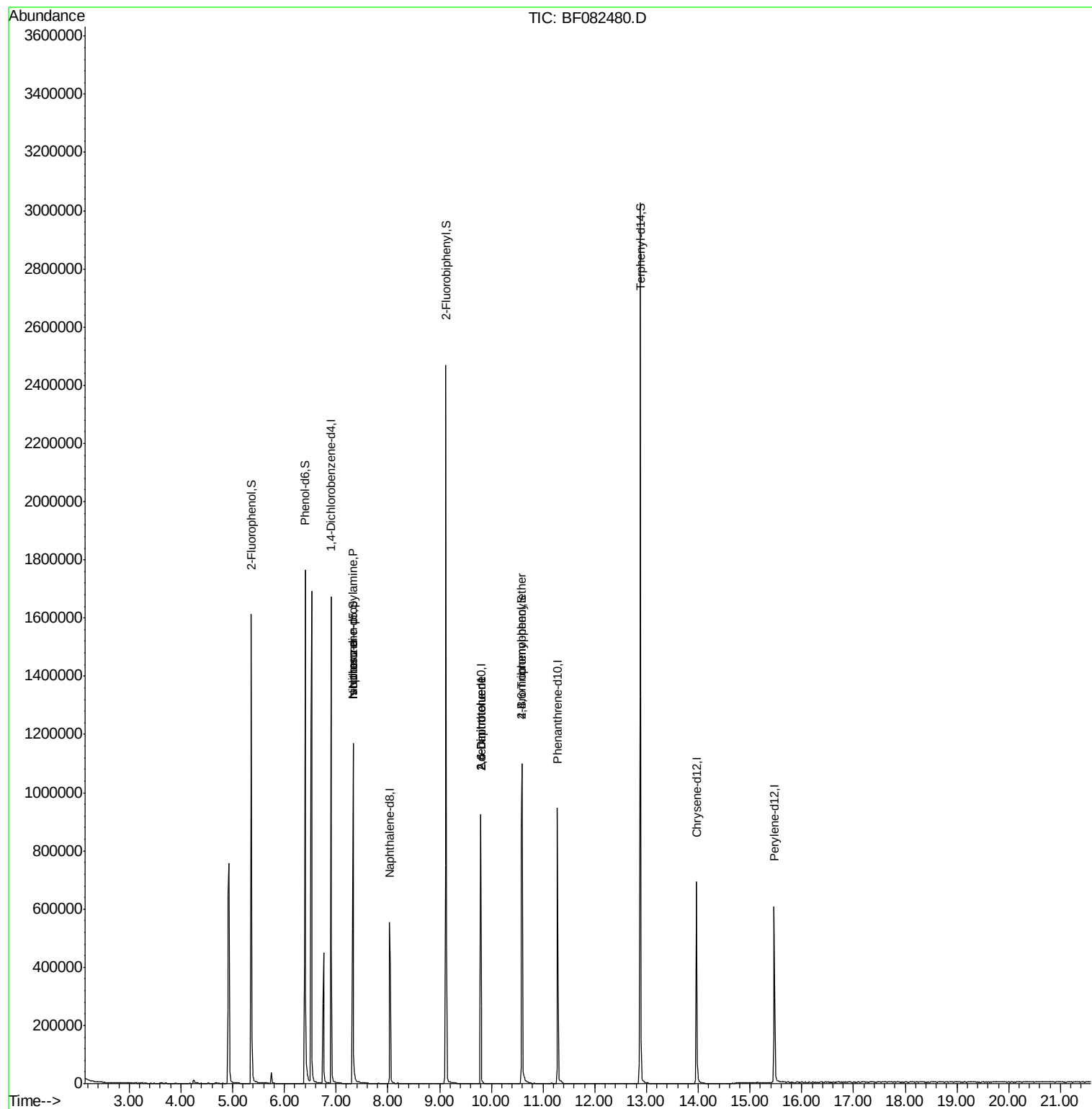
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	278937	20.00	ng	0.15
21) Naphthalene-d8	8.03	136	382207	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	207570	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	429668	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	401568	20.00	ng	0.01
86) Perylene-d12	15.46	264	312032	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	588092	42.55	ng	0.01
7) Phenol-d6	6.40	99	685433	38.11	ng	-0.01
23) Nitrobenzene-d5	7.33	82	475629	83.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	196343	100.86	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	927914	74.14	ng	-0.01
78) Terphenyl-d14	12.88	244	1089944	71.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	61707	4.89	ng	# 76
25) Isophorone	7.33	82	470600	40.97	ng	# 66
50) 2,6-Dinitrotoluene	9.79	165	25700	8.33	ng	# 30
56) 2,4-Dinitrotoluene	9.79	165	25700	6.67	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	14037	3.26	ng	# 1

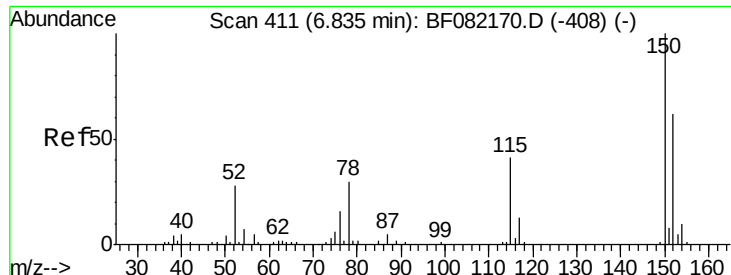
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
Data File : BF082480.D
Acq On : 23 Oct 2015 22:19
Operator : UM/IZ
Sample : PB86271BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86271BL

Quant Time: Oct 24 04:54:12 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



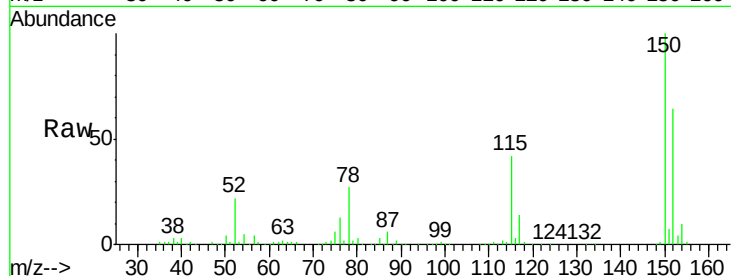


#1

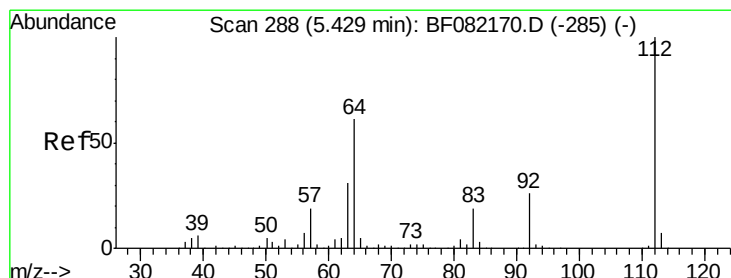
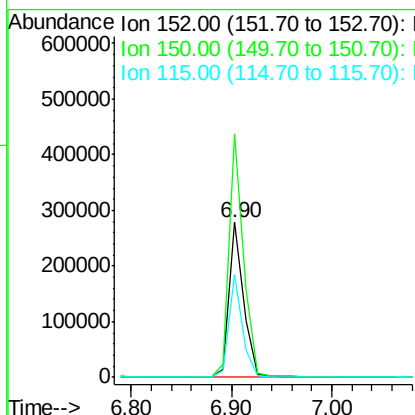
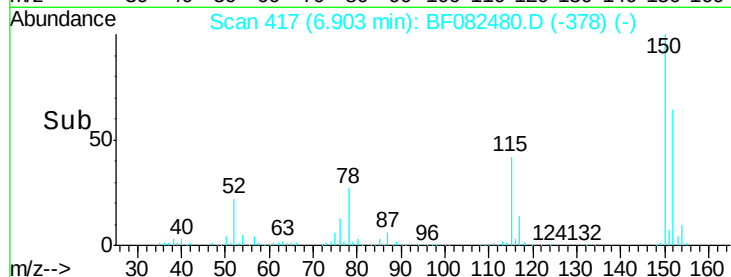
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.15 min
Lab File: BF082480.D
Acq: 23 Oct 2015 22:19

Instrument :
BNA_F
ClientSampleId :
PB86271BL

Tot Ion:152 Resp: 278937
Ion Ratio Lower Upper
152 100
150 156.8 129.0 193.4
115 66.3 52.1 78.1



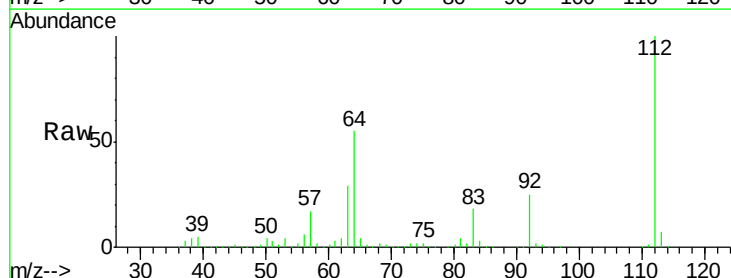
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



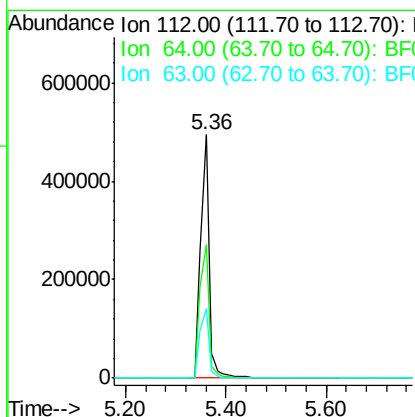
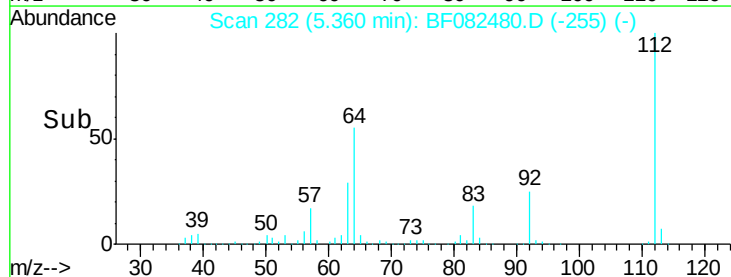
#5

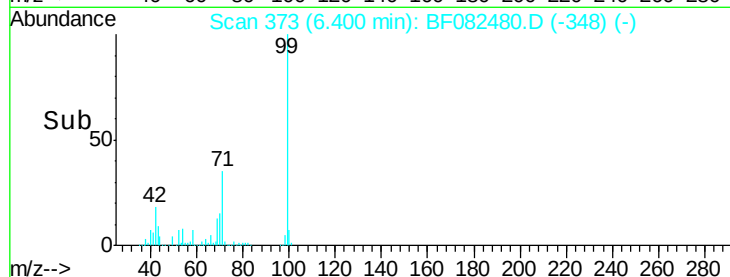
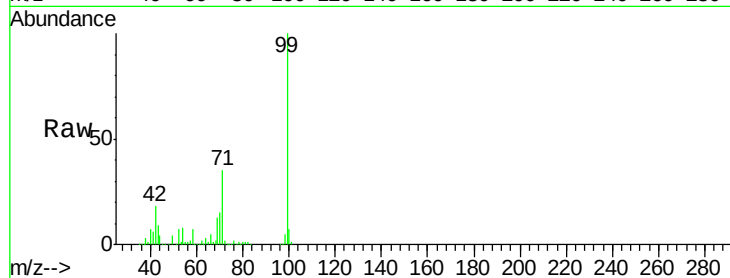
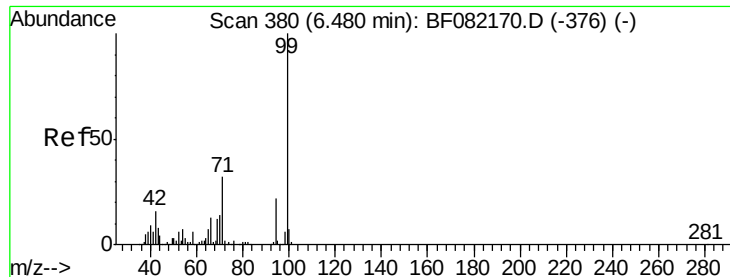
2-Fluorophenol
Concen: 42.55 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082480.D
Acq: 23 Oct 2015 22:19

Tgt Ion:112 Resp: 588092
Ion Ratio Lower Upper
112 100
64 54.9 48.6 73.0
63 28.6 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: 38.11 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082480.D

Acq: 23 Oct 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB86271BL

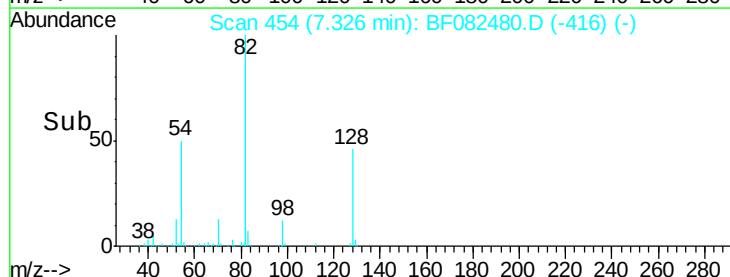
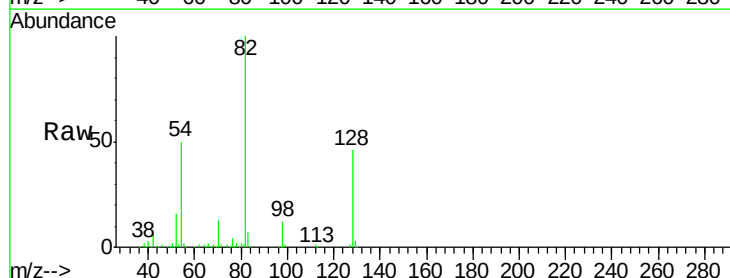
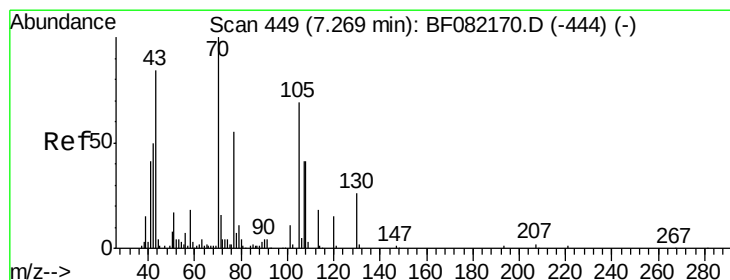
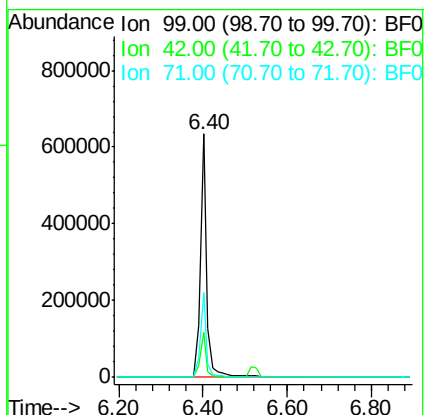
Tot Ion: 99 Resp: 685433

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 34.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.89 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082480.D

Acq: 23 Oct 2015 22:19

Tgt Ion: 70 Resp: 61707

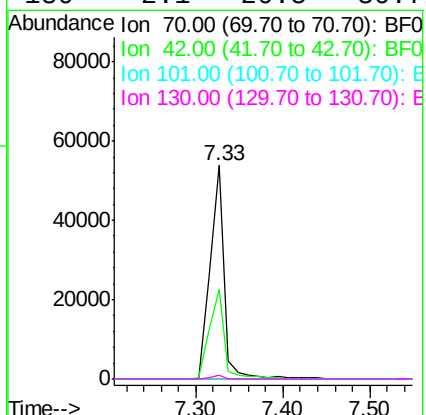
Ion Ratio Lower Upper

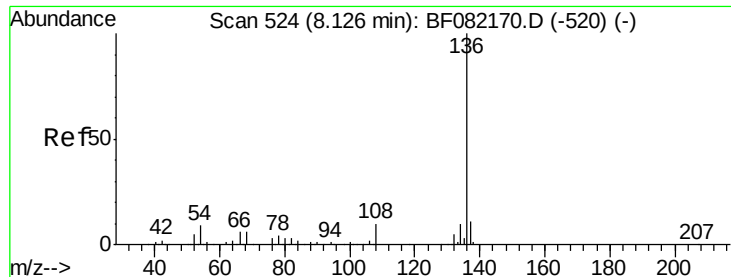
70 100

42 42.2 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 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: BF082480.D

Acq: 23 Oct 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB86271BL

Tot Ion:136 Resp: 382207

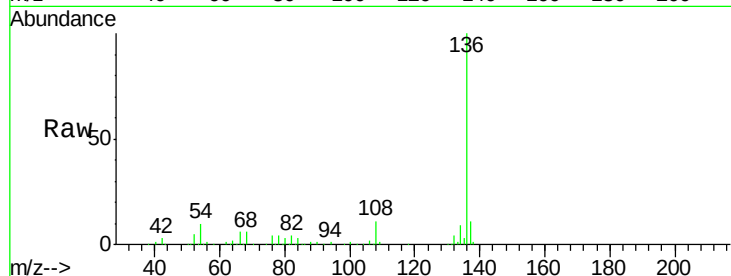
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 10.2 7.5 11.3

68 6.3 4.6 7.0

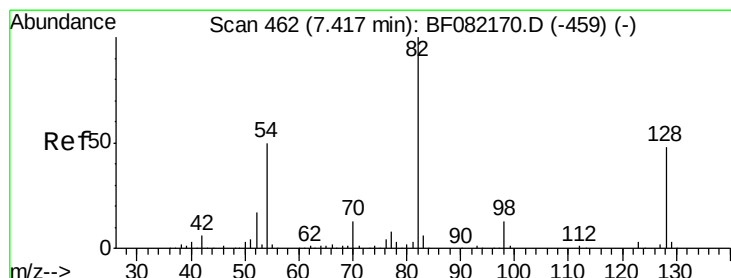
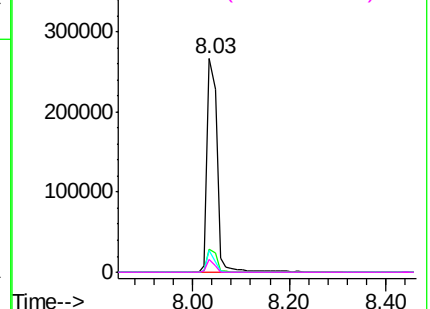
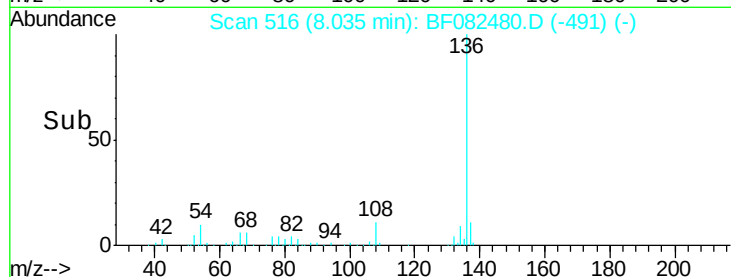


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.57 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082480.D

Acq: 23 Oct 2015 22:19

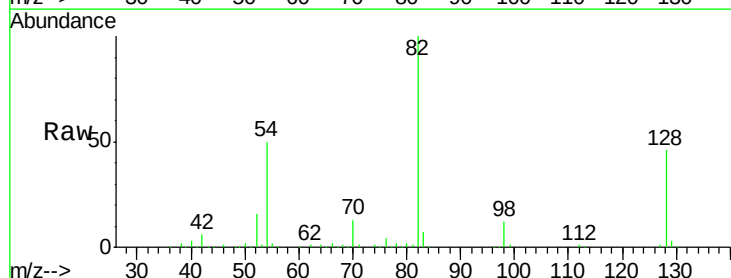
Tgt Ion: 82 Resp: 475629

Ion Ratio Lower Upper

82 100

128 45.7 38.7 58.1

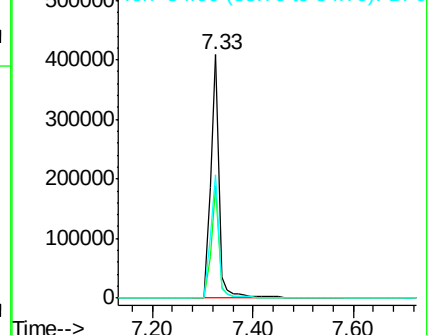
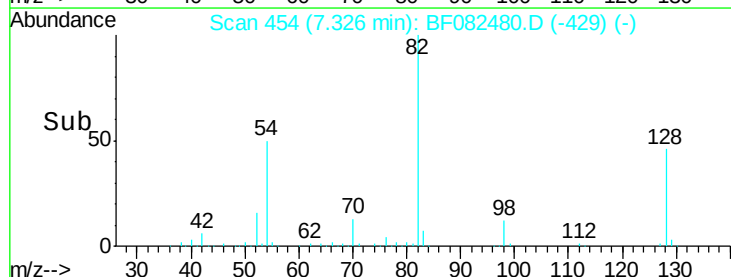
54 50.5 40.1 60.1

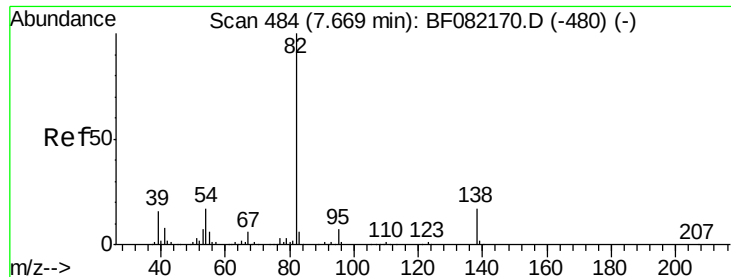


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.97 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082480.D

Acq: 23 Oct 2015 22:19

Instrument :

BNA_F

ClientSampleId :

PB86271BL

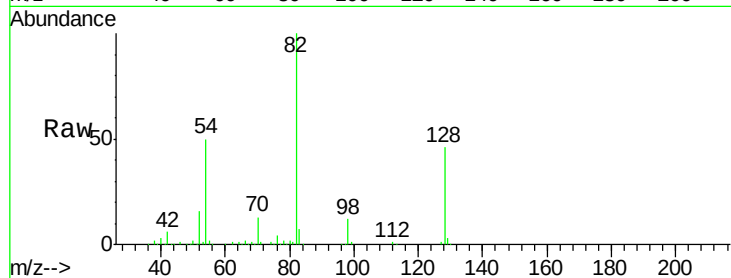
Tot Ion: 82 Resp: 470600

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

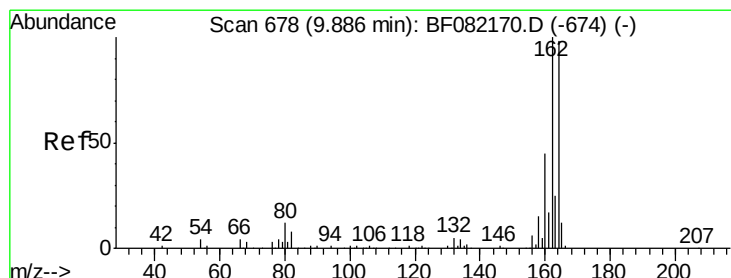
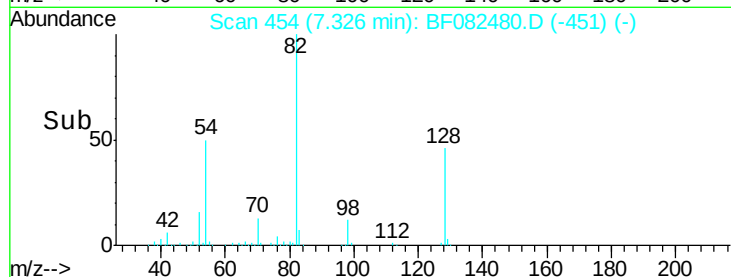
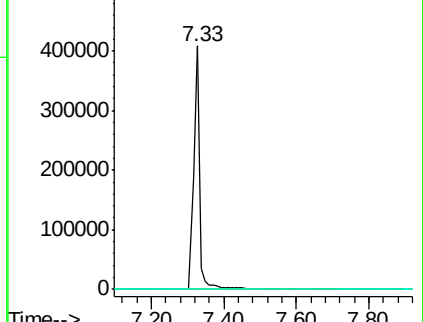
138 0.0 13.6 20.4#



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: BF082480.D

Acq: 23 Oct 2015 22:19

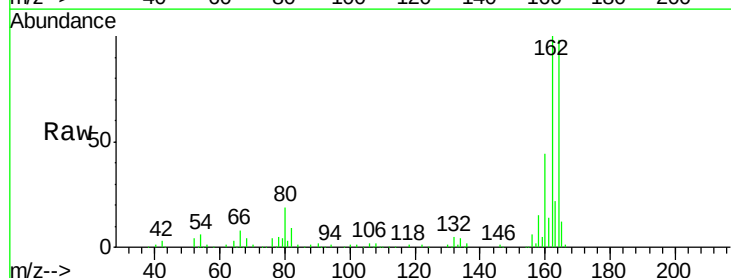
Tgt Ion: 164 Resp: 207570

Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

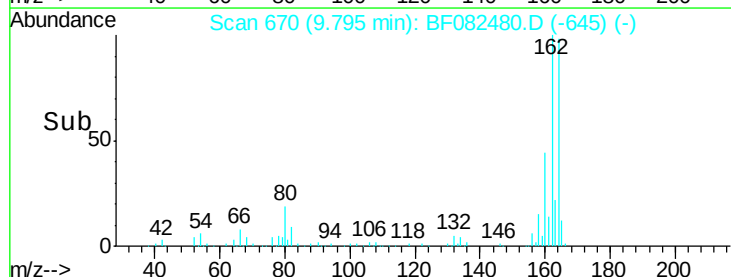
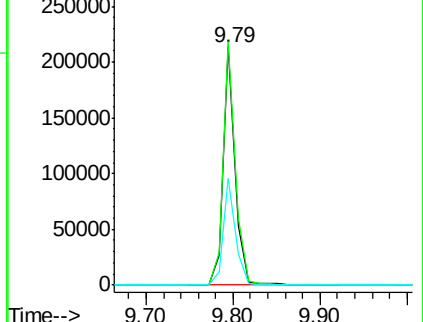
160 45.0 36.4 54.6

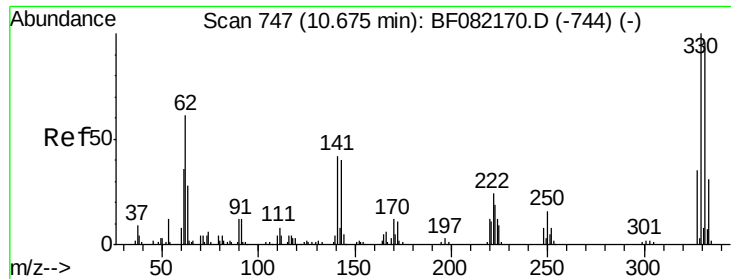


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

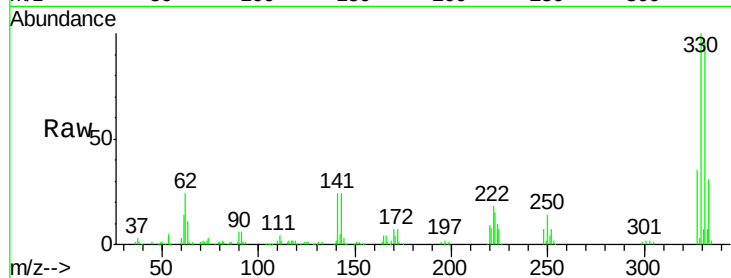




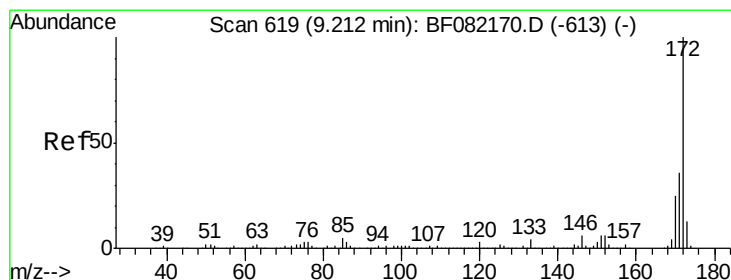
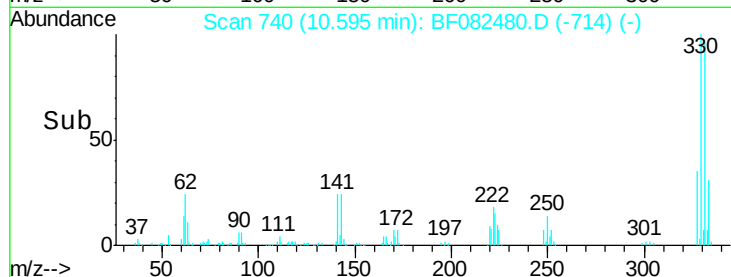
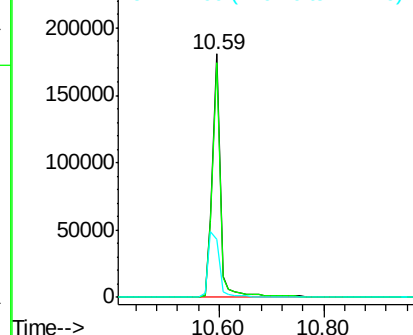
#41
 2,4,6-Tribromophenol
 Concen: 100.86 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	38.4	29.8	44.8

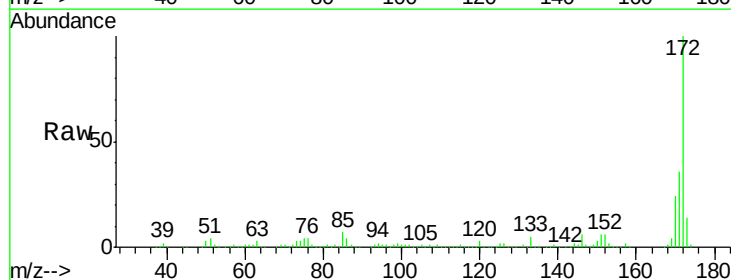


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

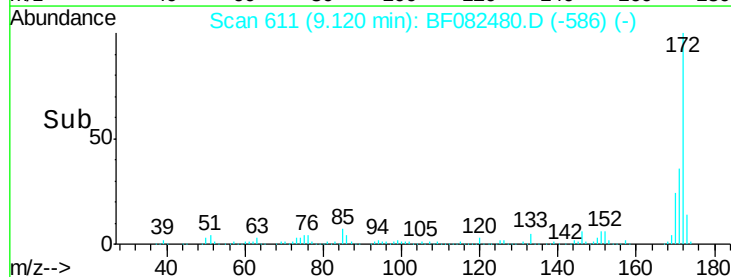
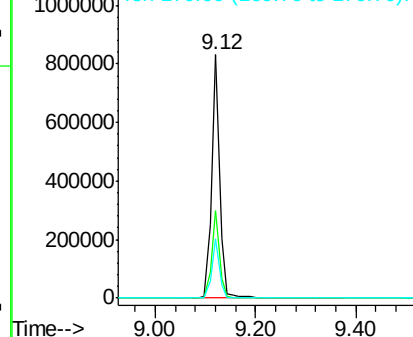


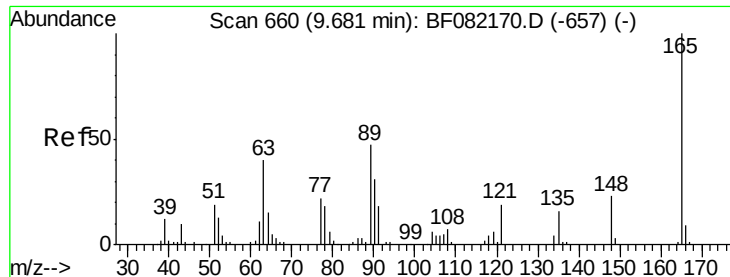
#44
 2-Fluorobiphenyl
 Concen: 74.14 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	24.4	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

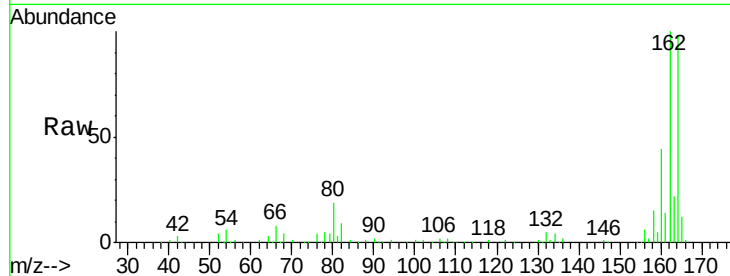




#50
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 9.79 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BL

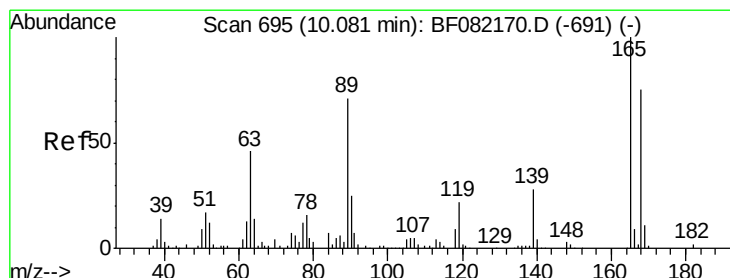
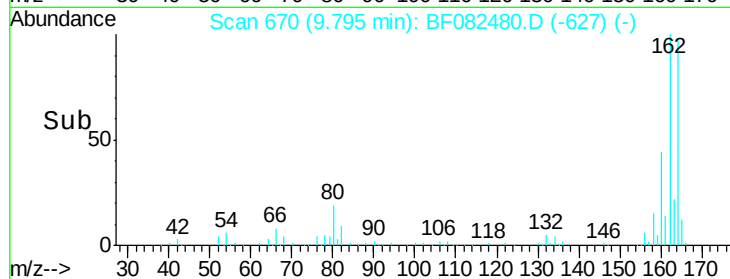
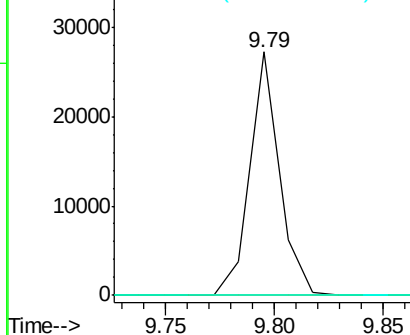
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	37.8	56.6#



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: 6.67 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

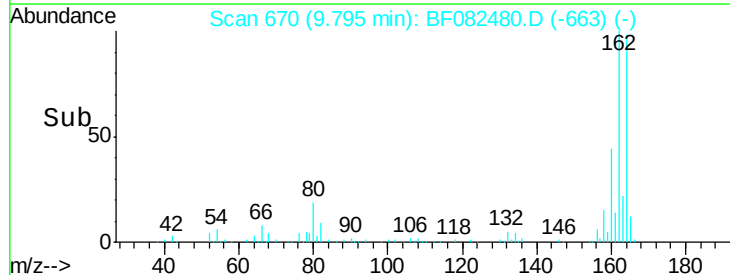
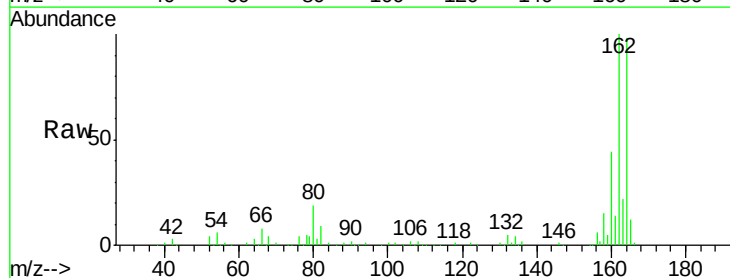
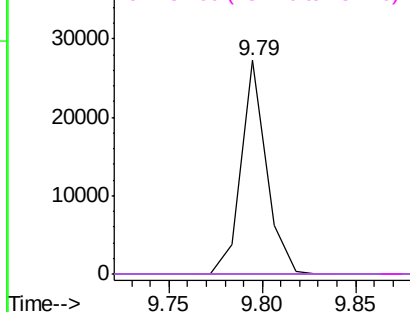
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#

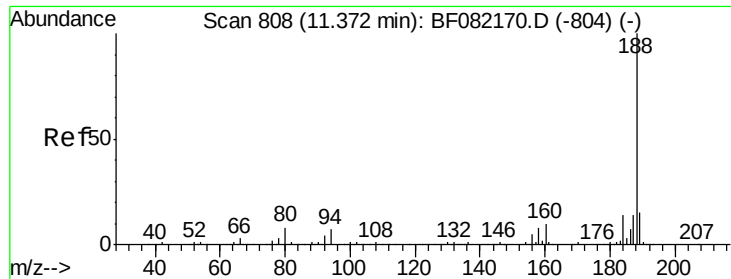
Abundance Ion 165.00 (164.70 to 165.70): E

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

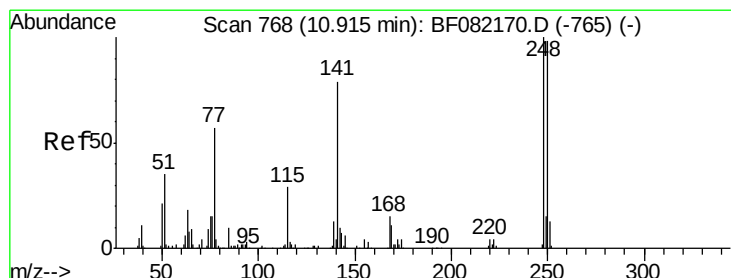
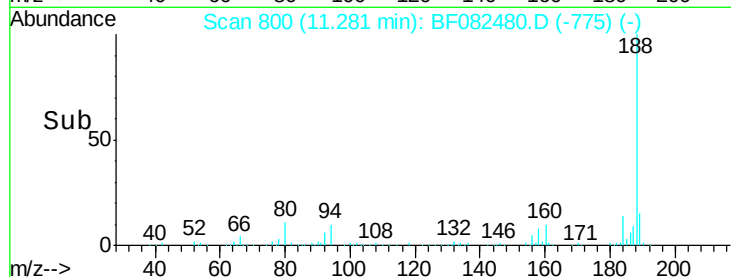
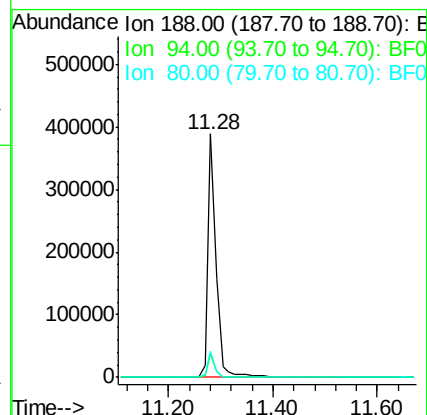
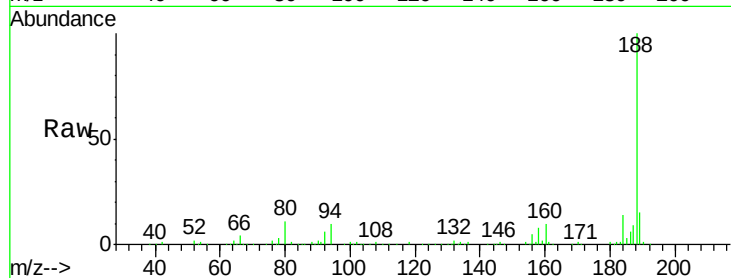




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

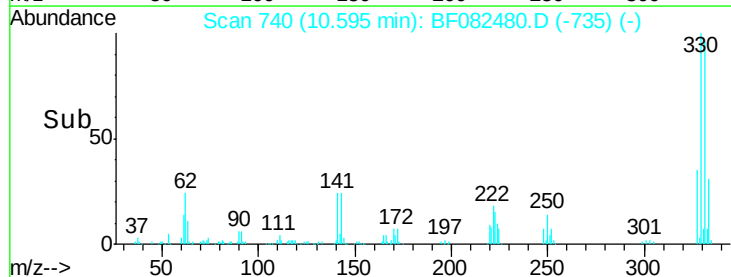
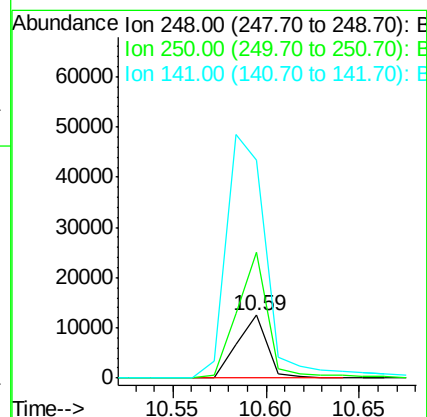
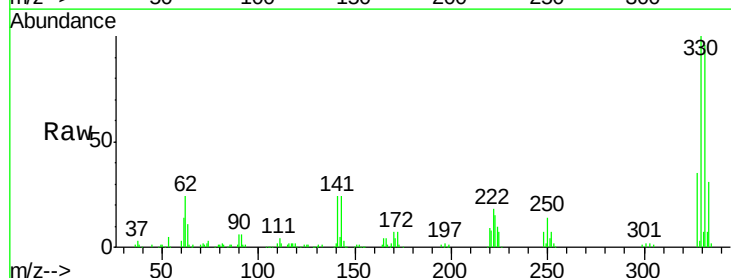
Instrument :
 BNA_F
 ClientSampleID :
 PB86271BL

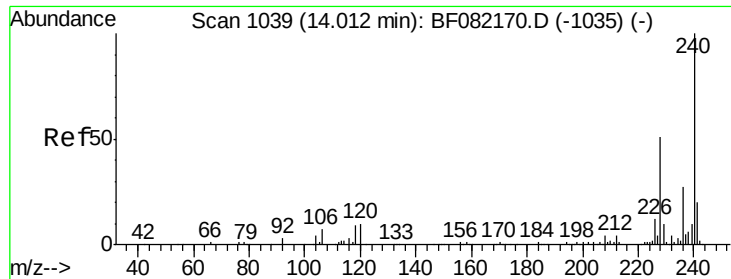
Tot Ion:188 Resp: 429668
 Ion Ratio Lower Upper
 188 100
 94 9.7 5.8 8.6#
 80 10.8 6.4 9.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.24 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

Tgt Ion:248 Resp: 14037
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.6 117.8#
 141 347.7 63.3 94.9#

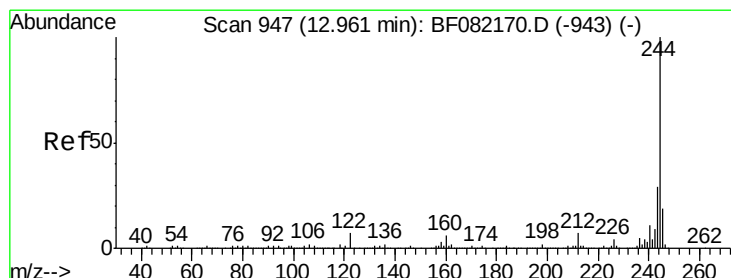
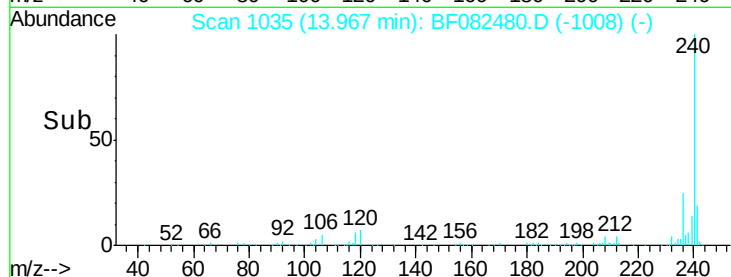
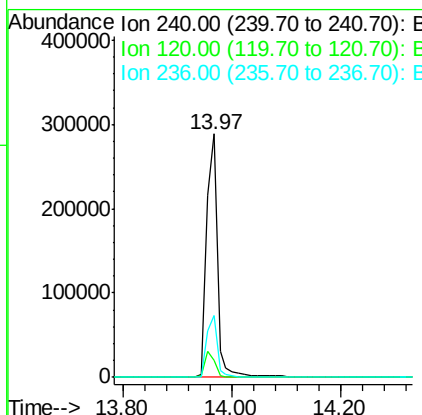
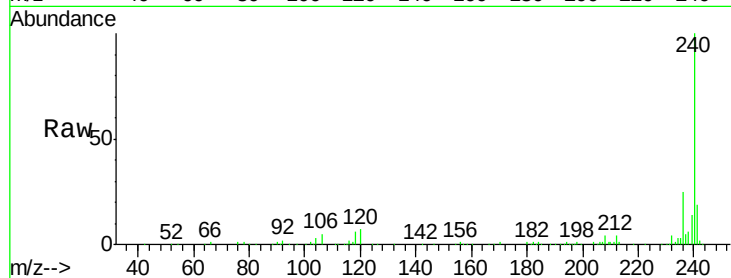




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

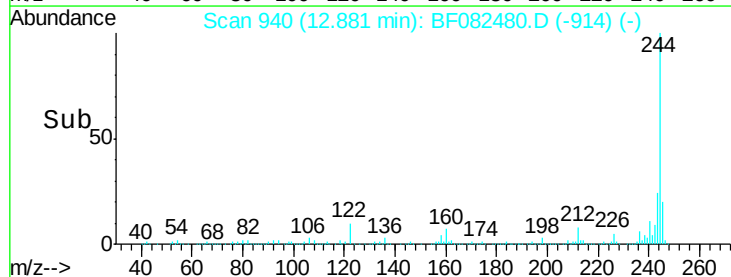
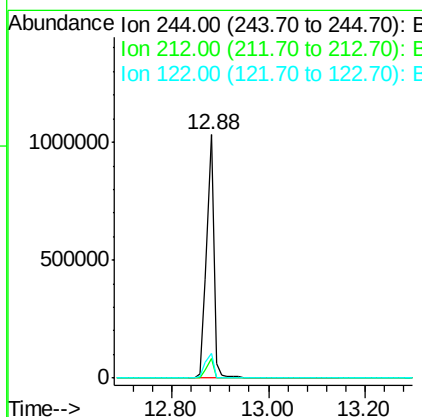
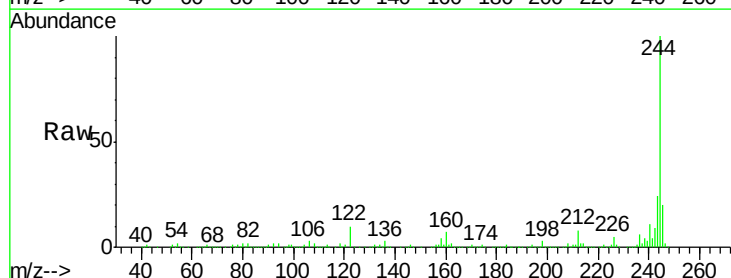
Instrument :
 BNA_F
 ClientSampleId :
 PB86271BL

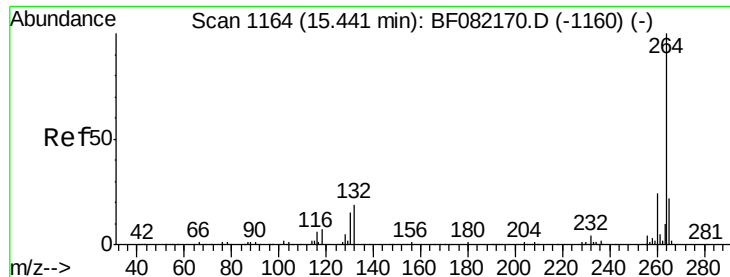
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.1	12.1#
236	25.5	21.3	31.9



#78
 Terphenyl-d14
 Concen: 71.92 ng
 RT: 12.88 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.6
122	10.0	5.9	8.9#

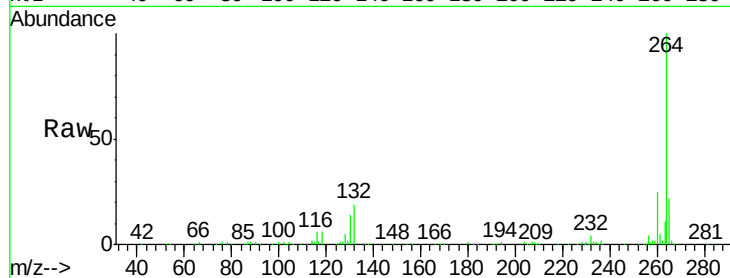




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. 0.05 min
 Lab File: BF082480.D
 Acq: 23 Oct 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BL

Tot Ion: 264 Resp: 312032
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.9 17.3 25.9



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

