

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088281.D
 Acq On : 23 Jun 2016 7:57
 Operator : UM/SJ
 Sample : H3065-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:02:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

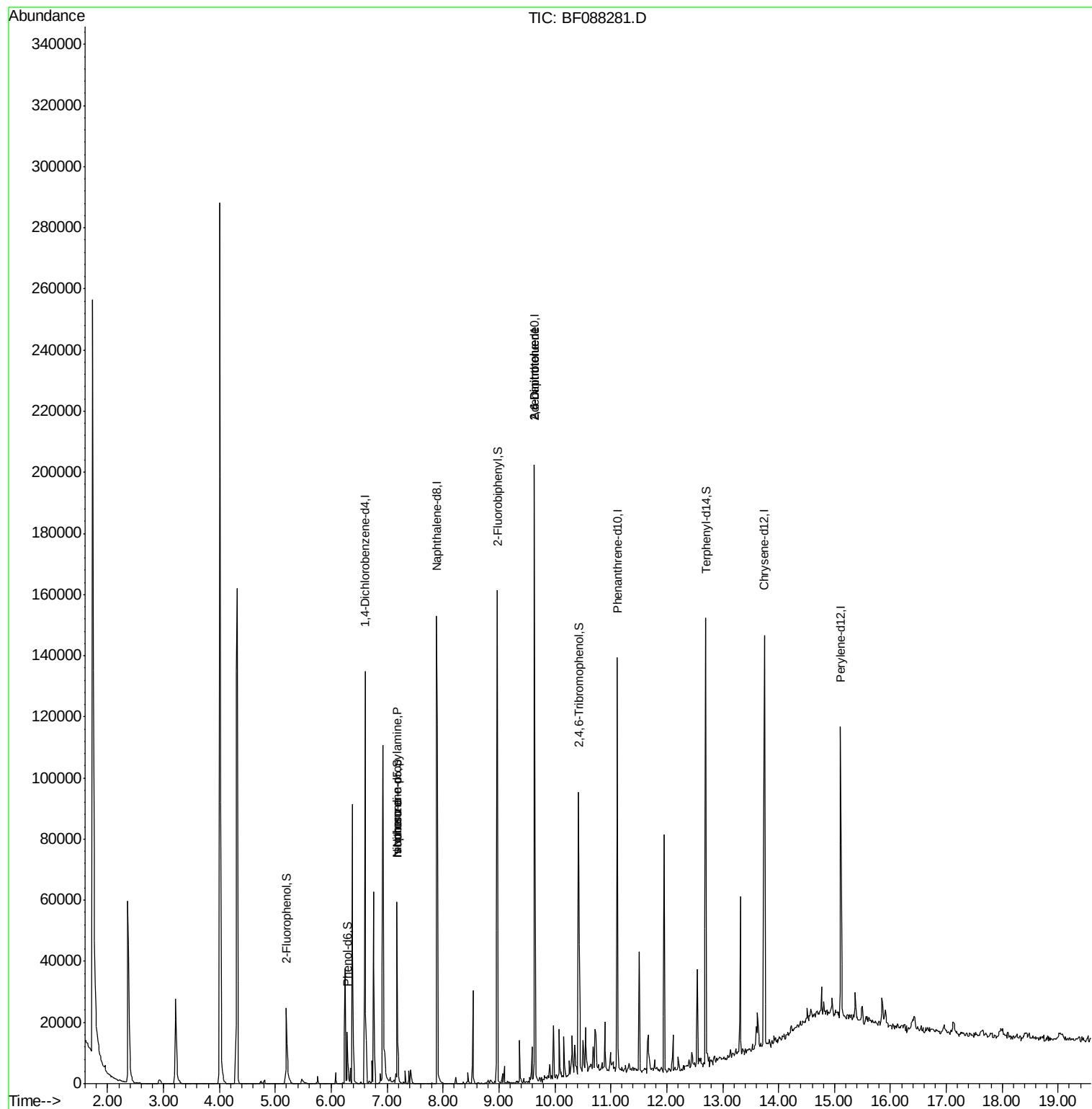
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	24324	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	99564	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	44167	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	62775	20.00	ng	0.00
75) Chrysene-d12	13.75	240	56097	20.00	ng	0.00
86) Perylene-d12	15.11	264	43022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	13652	9.59	ng	0.02
7) Phenol-d6	6.28	99	10837	6.28	ng	0.02
23) Nitrobenzene-d5	7.18	82	20886	12.25	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	11686	25.06	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	56930	15.74	ng	0.00
78) Terphenyl-d14	12.70	244	45118	18.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	2278	2.07	ng	# 73
25) Isophorone	7.18	82	20889	6.61	ng	# 65
50) 2,6-Dinitrotoluene	9.63	165	5468	7.46	ng	# 37
56) 2,4-Dinitrotoluene	9.63	165	5468	5.81	ng	# 36
57) Fluorene	10.42	166	563	Below Cal		# 86

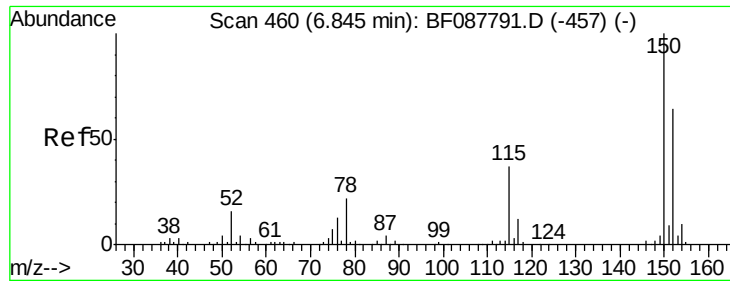
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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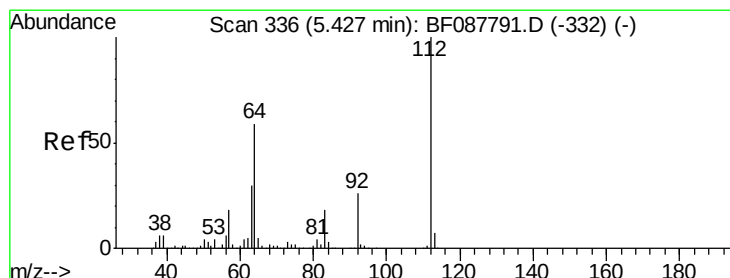
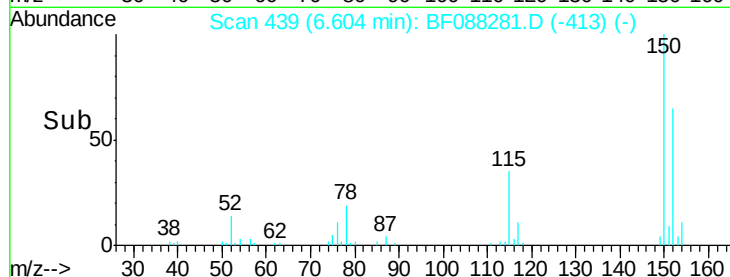
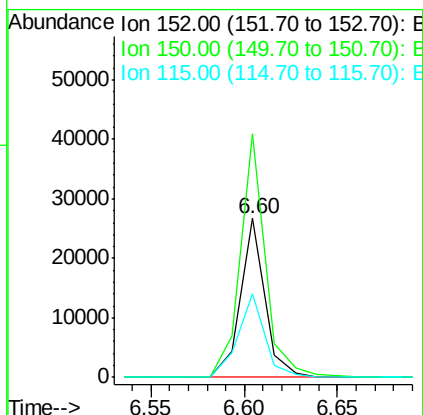
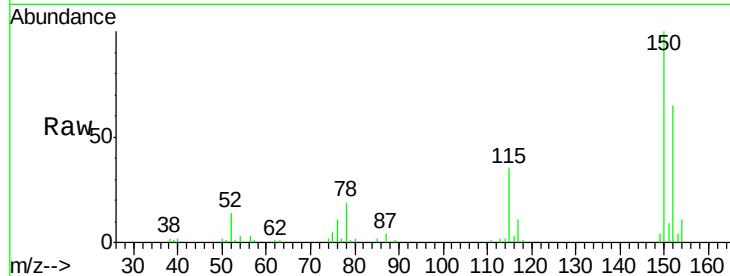


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088281.D
Acq: 23 Jun 2016 7:57

Instrument :
BNA_F
ClientSampleId :

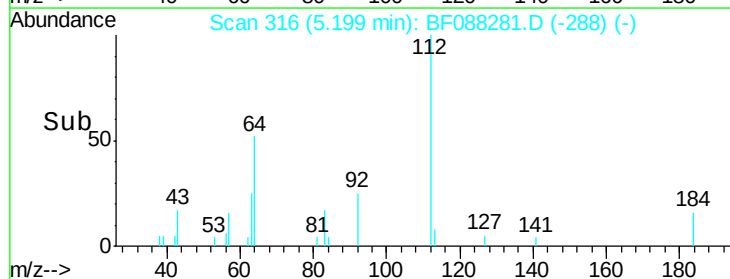
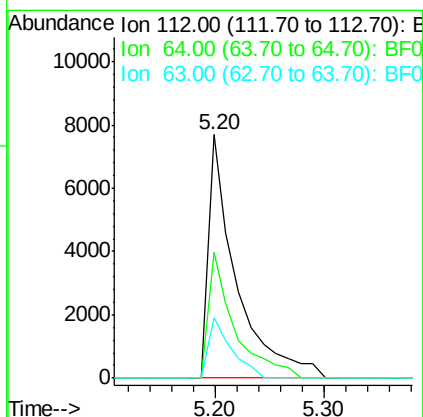
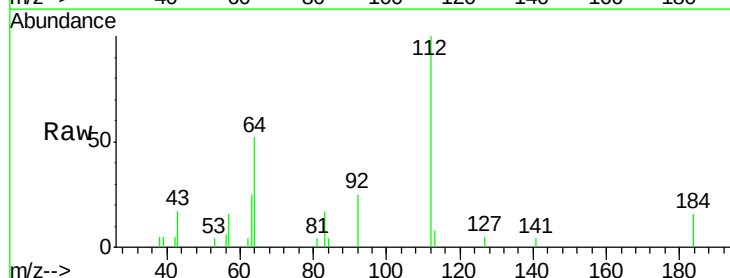
Tot Ion:152 Resp: 24324
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 52.8 39.6 59.4

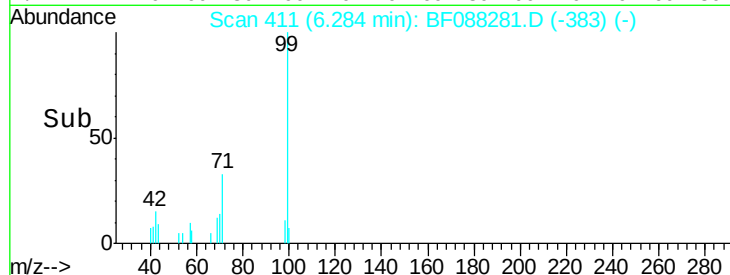
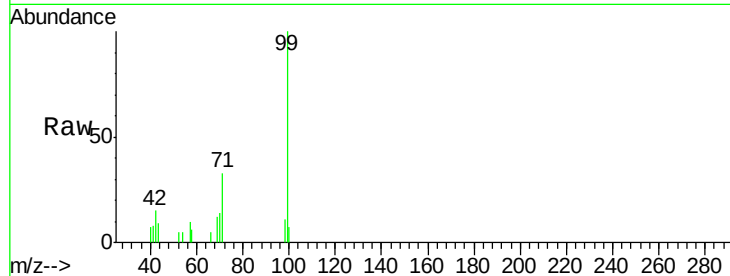
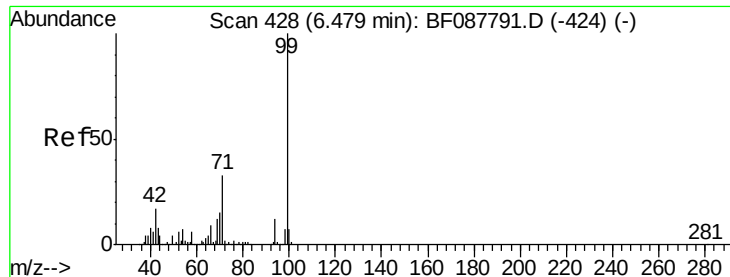


#5

2-Fluorophenol
Concen: 9.59 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088281.D
Acq: 23 Jun 2016 7:57

Tgt Ion:112 Resp: 13652
Ion Ratio Lower Upper
112 100
64 51.9 42.2 63.2
63 25.1 21.8 32.8





#7

Phenol-d6

Concen: 6.28 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Instrument :

BNA_F

ClientSampleId :

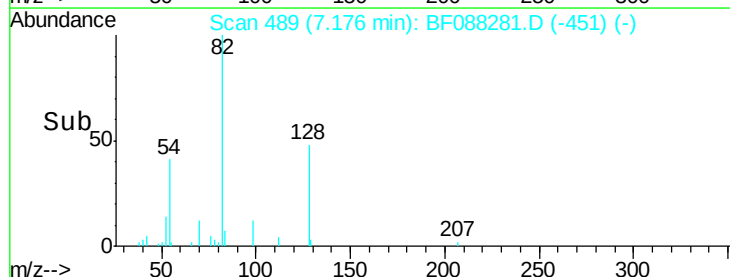
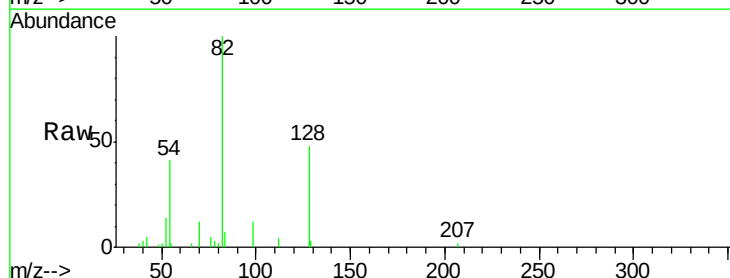
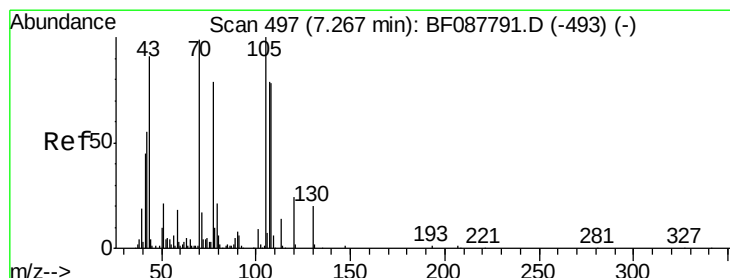
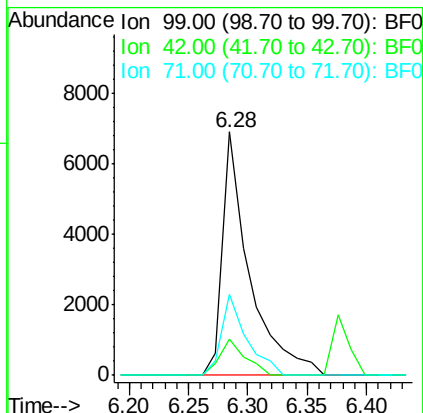
Tot Ion: 99 Resp: 10837

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 33.2 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.07 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Tgt Ion: 70 Resp: 2278

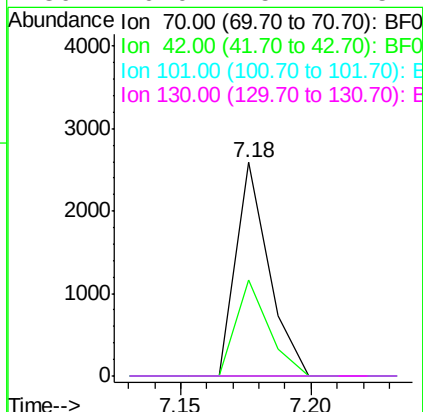
Ion Ratio Lower Upper

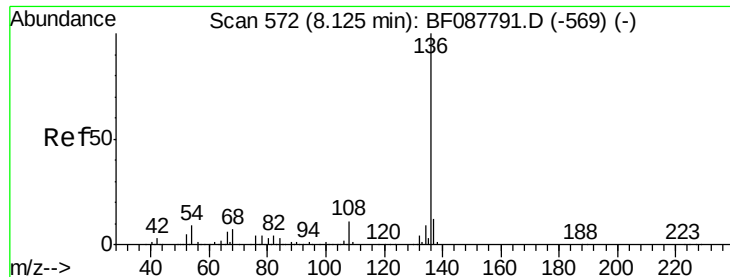
70 100

42 44.7 49.6 74.4#

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 99564

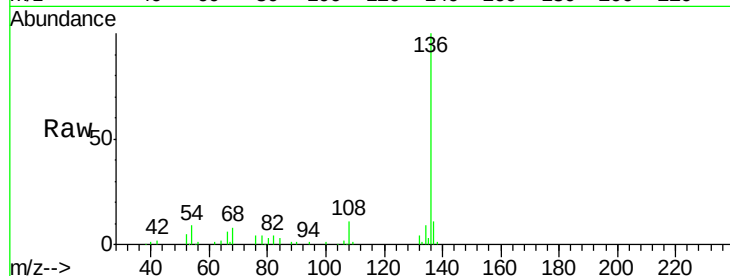
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.5 5.1 7.7

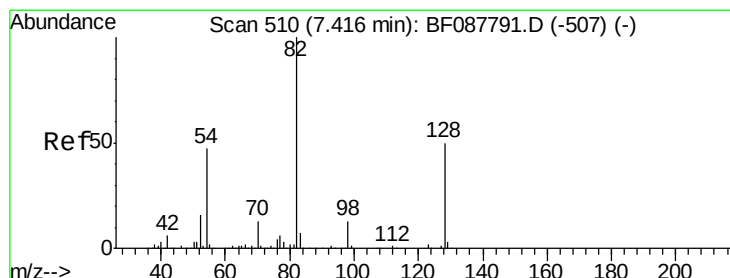
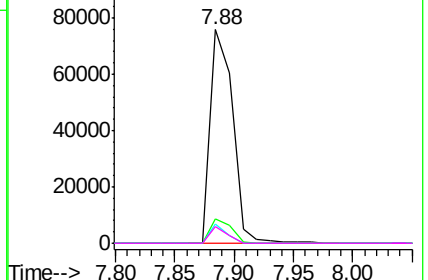
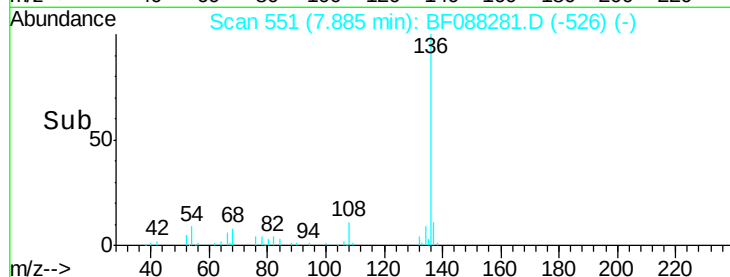


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.25 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

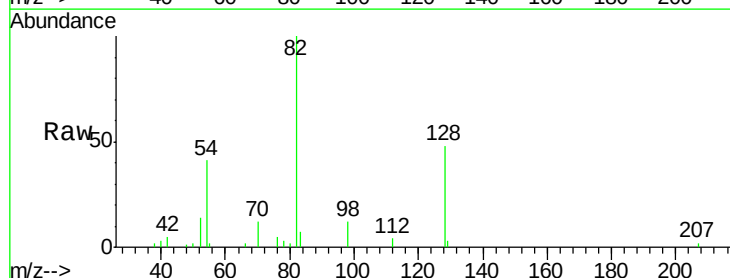
Tgt Ion: 82 Resp: 20886

Ion Ratio Lower Upper

82 100

128 48.4 35.9 53.9

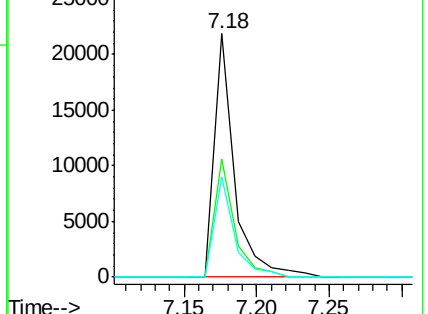
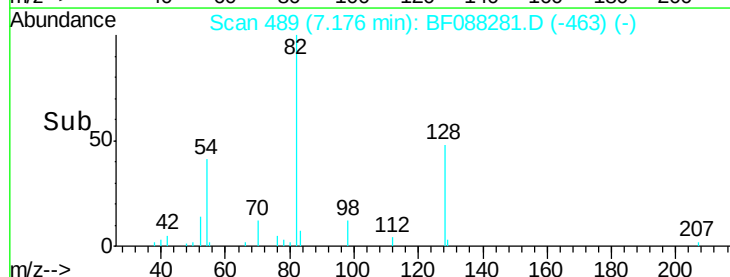
54 41.2 40.9 61.3

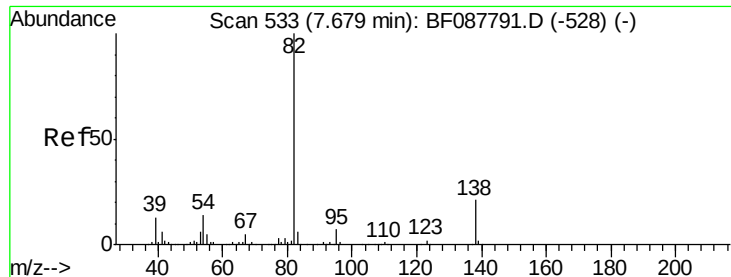


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.61 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Instrument :

BNA_F

ClientSampled :

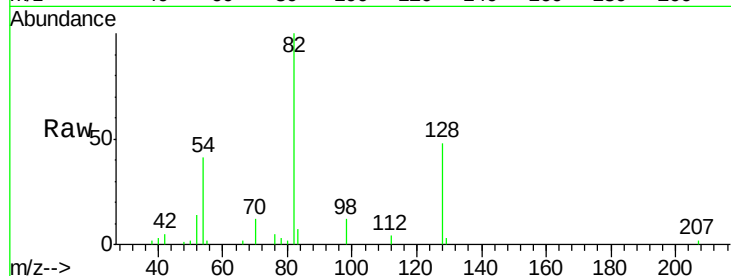
Tot Ion: 82 Resp: 20889

Ion Ratio Lower Upper

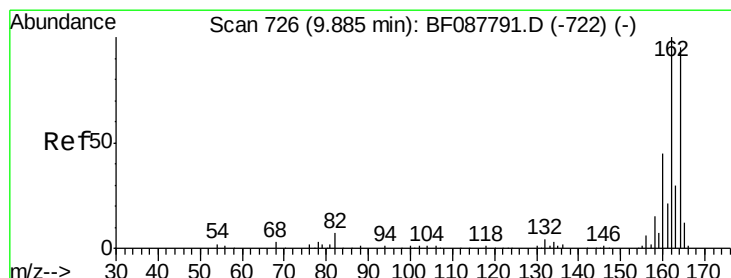
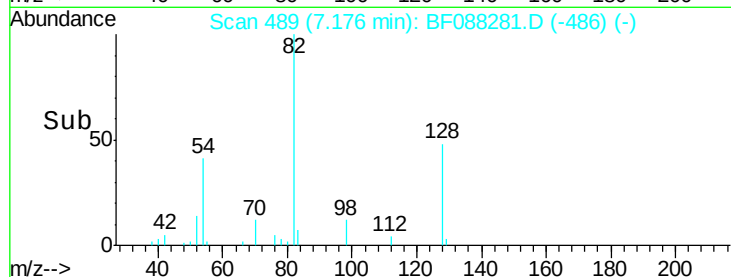
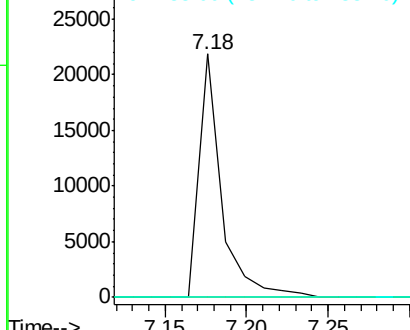
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

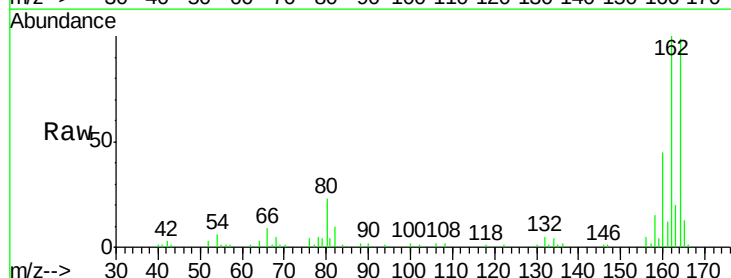
Tgt Ion:164 Resp: 44167

Ion Ratio Lower Upper

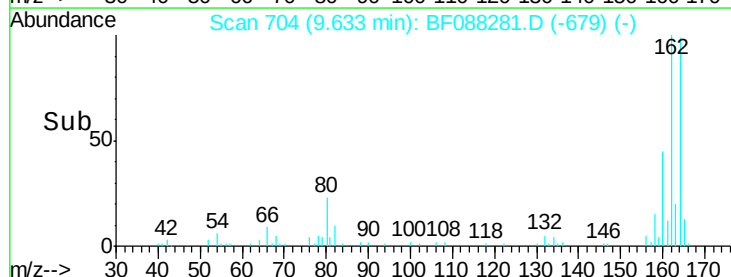
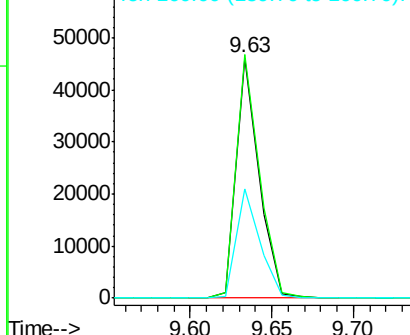
164 100

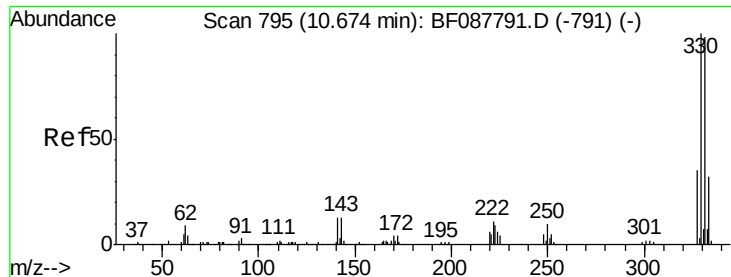
162 101.5 85.4 128.2

160 45.4 39.5 59.3



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

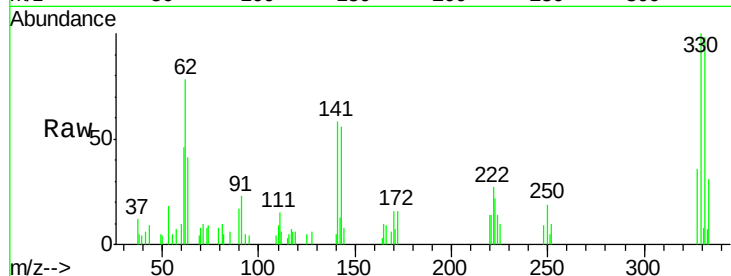




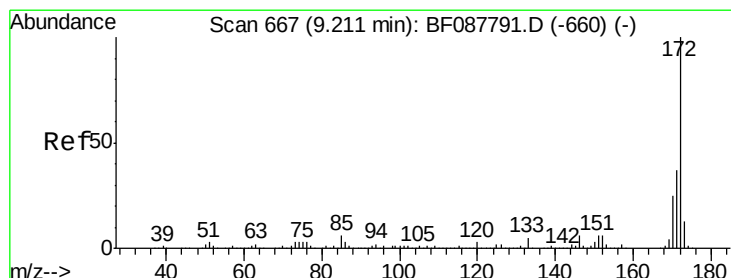
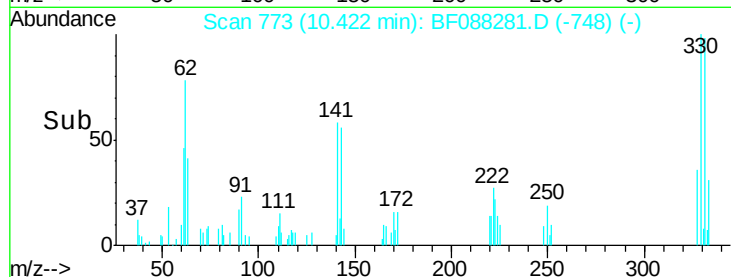
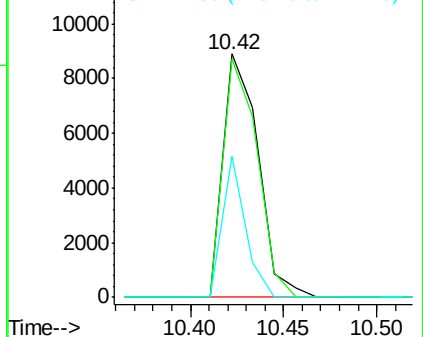
#41
 2,4,6-Tribromophenol
 Concen: 25.06 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 11686
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 37.9 0.0 0.0#

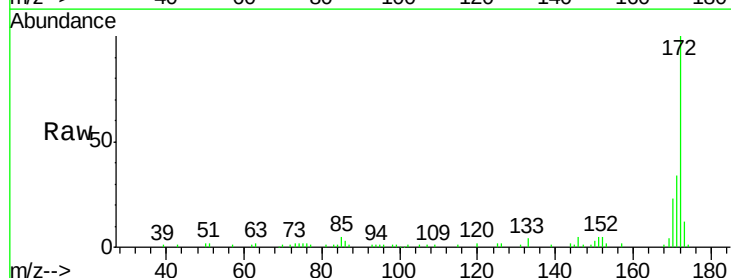


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

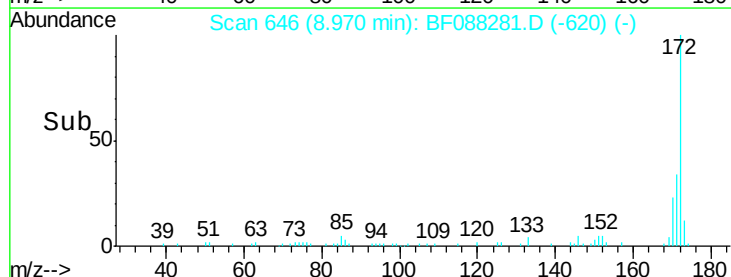
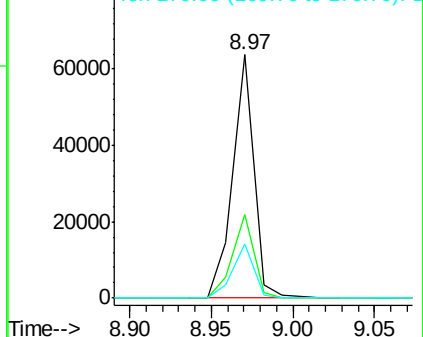


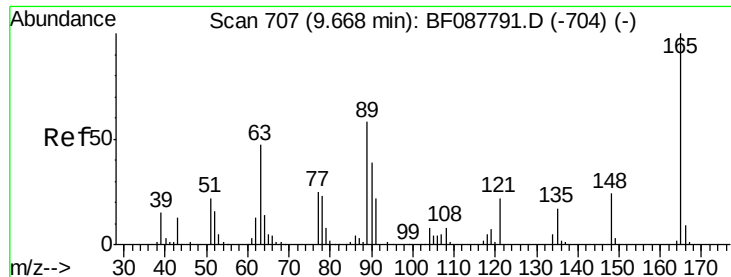
#44
 2-Fluorobiphenyl
 Concen: 15.74 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Tgt Ion:172 Resp: 56930
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 43.0
 170 22.5 19.2 28.8



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

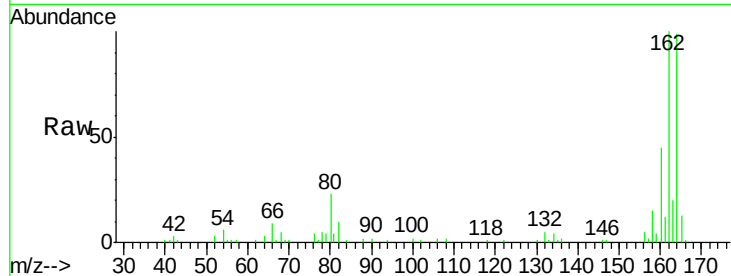




#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.18 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampleId :

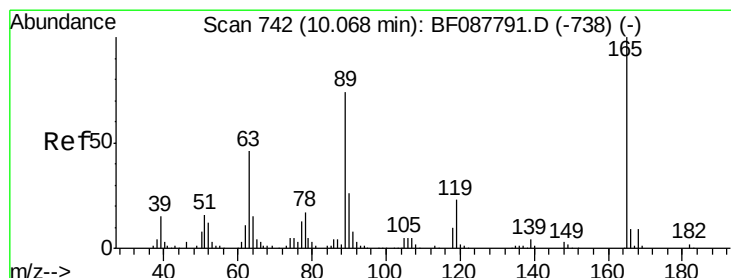
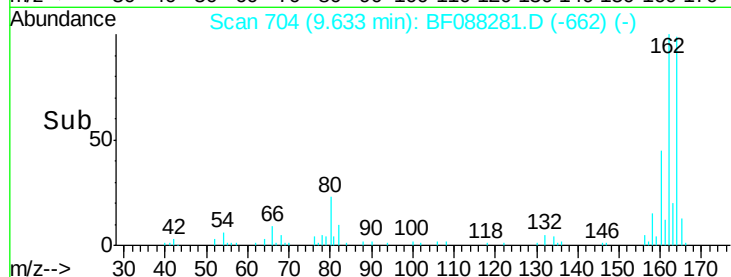
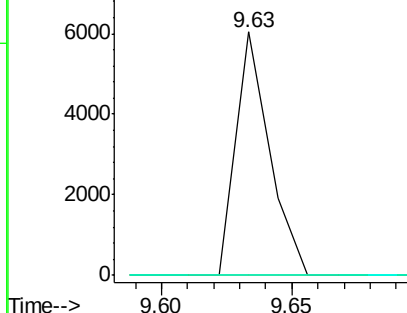
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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: 5.81 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.22 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

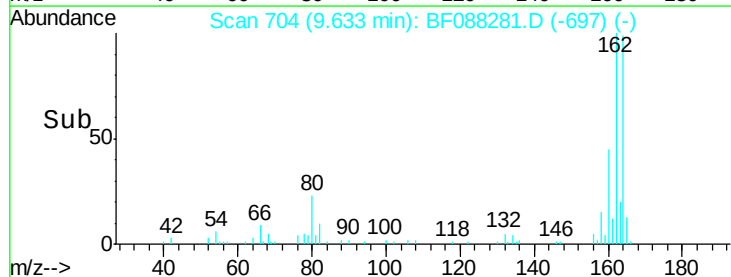
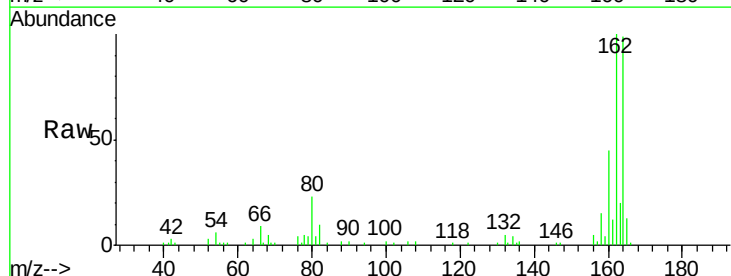
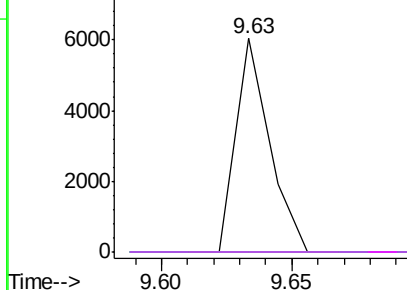
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

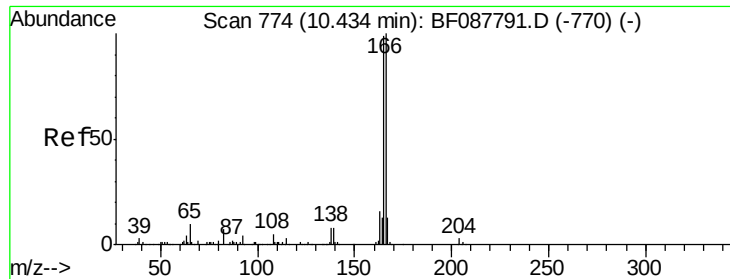
Abundance Ion 165.00 (164.70 to 165.70): E

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

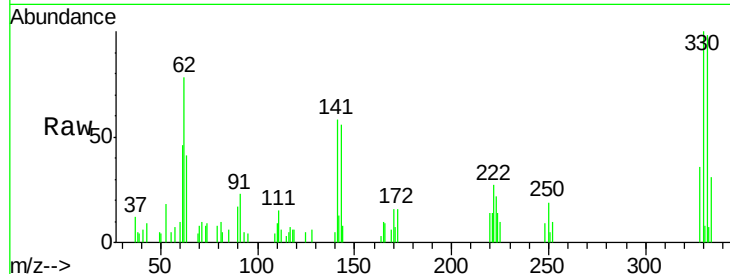




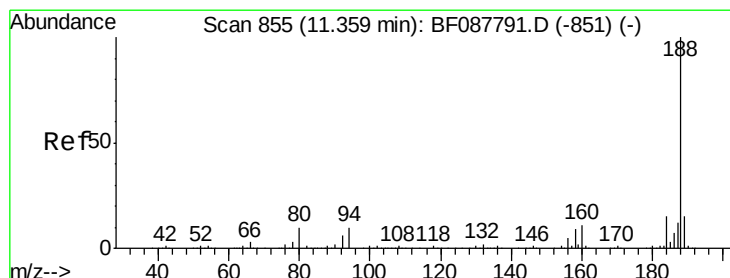
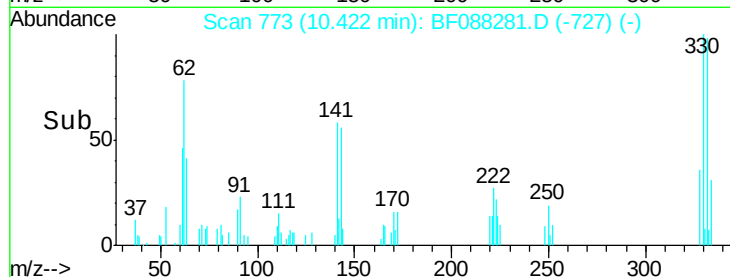
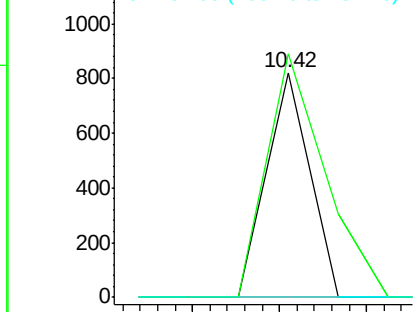
#57
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 773
 Delta R.T. 0.23 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 563
 Ion Ratio Lower Upper
 166 100
 165 108.4 77.8 116.8
 167 0.0 11.2 16.8#

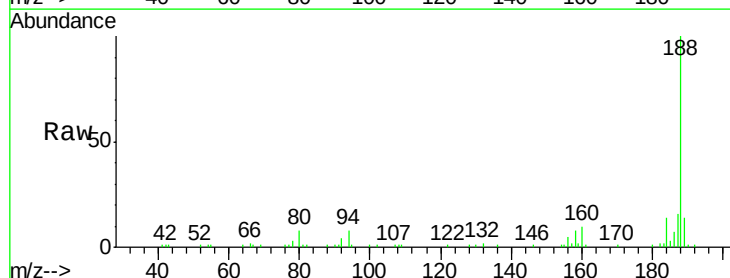


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

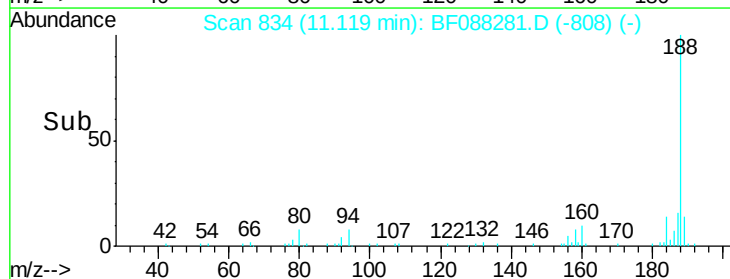
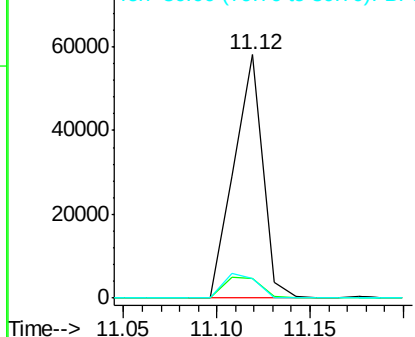


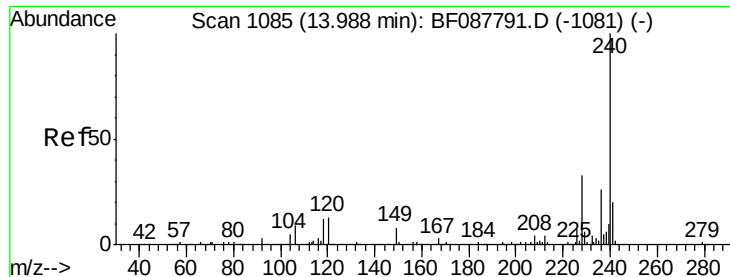
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Tgt Ion:188 Resp: 62775
 Ion Ratio Lower Upper
 188 100
 94 8.0 9.0 13.6#
 80 7.8 10.0 15.0#



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: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Instrument :

BNA_F

ClientSampleId :

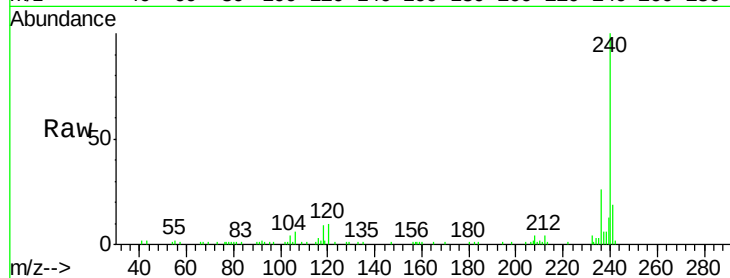
Tot Ion:240 Resp: 56097

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

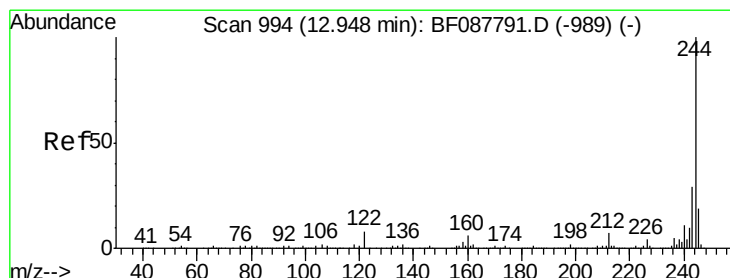
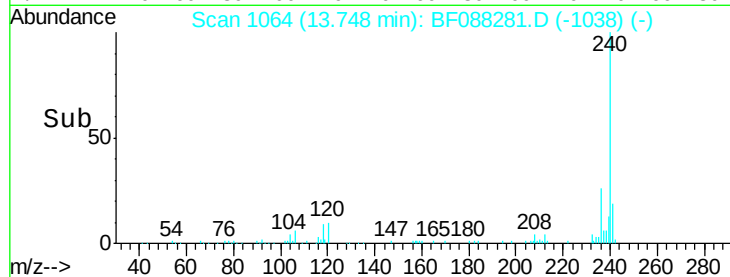
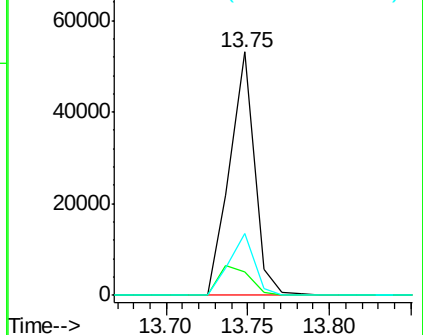
236 25.5 20.2 30.2



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: 18.30 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

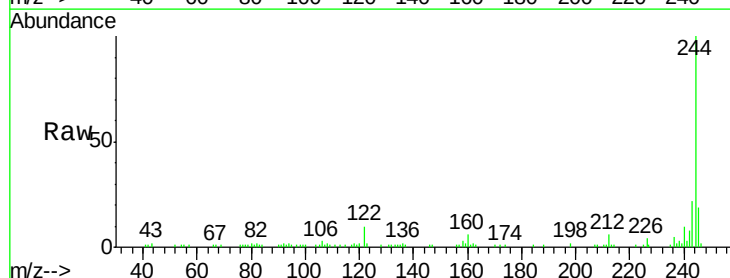
Tgt Ion:244 Resp: 45118

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

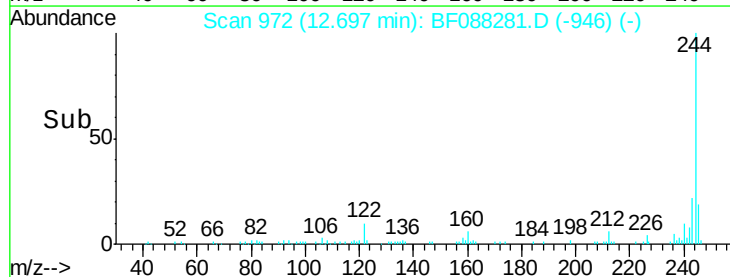
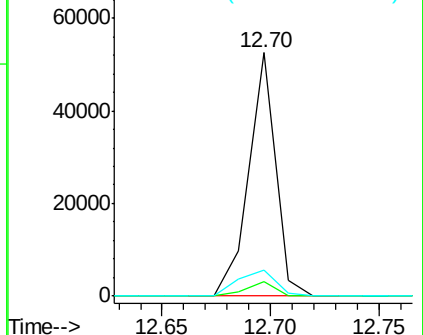
122 10.5 11.2 16.8#

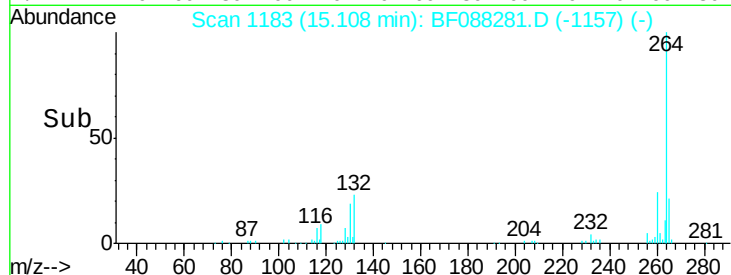
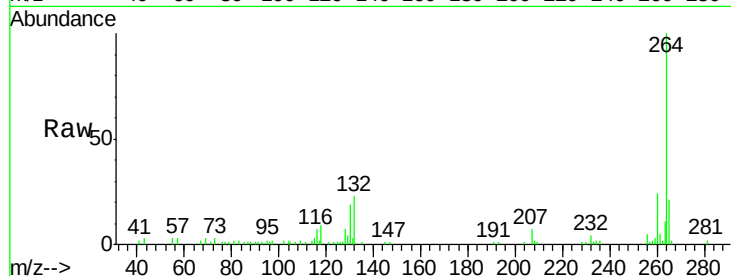
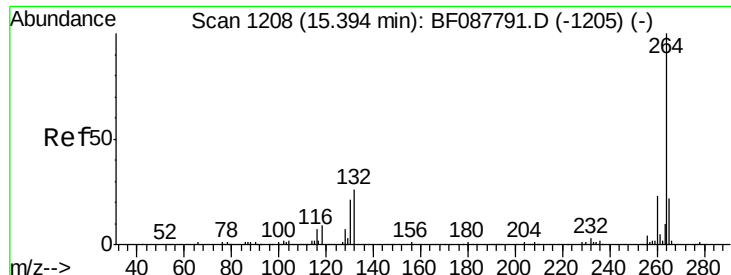


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	43022
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.2 28.8
265	21.2	16.9 25.3

