

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088283.D
 Acq On : 23 Jun 2016 8:55
 Operator : UM/SJ
 Sample : H3683-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:52:00 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

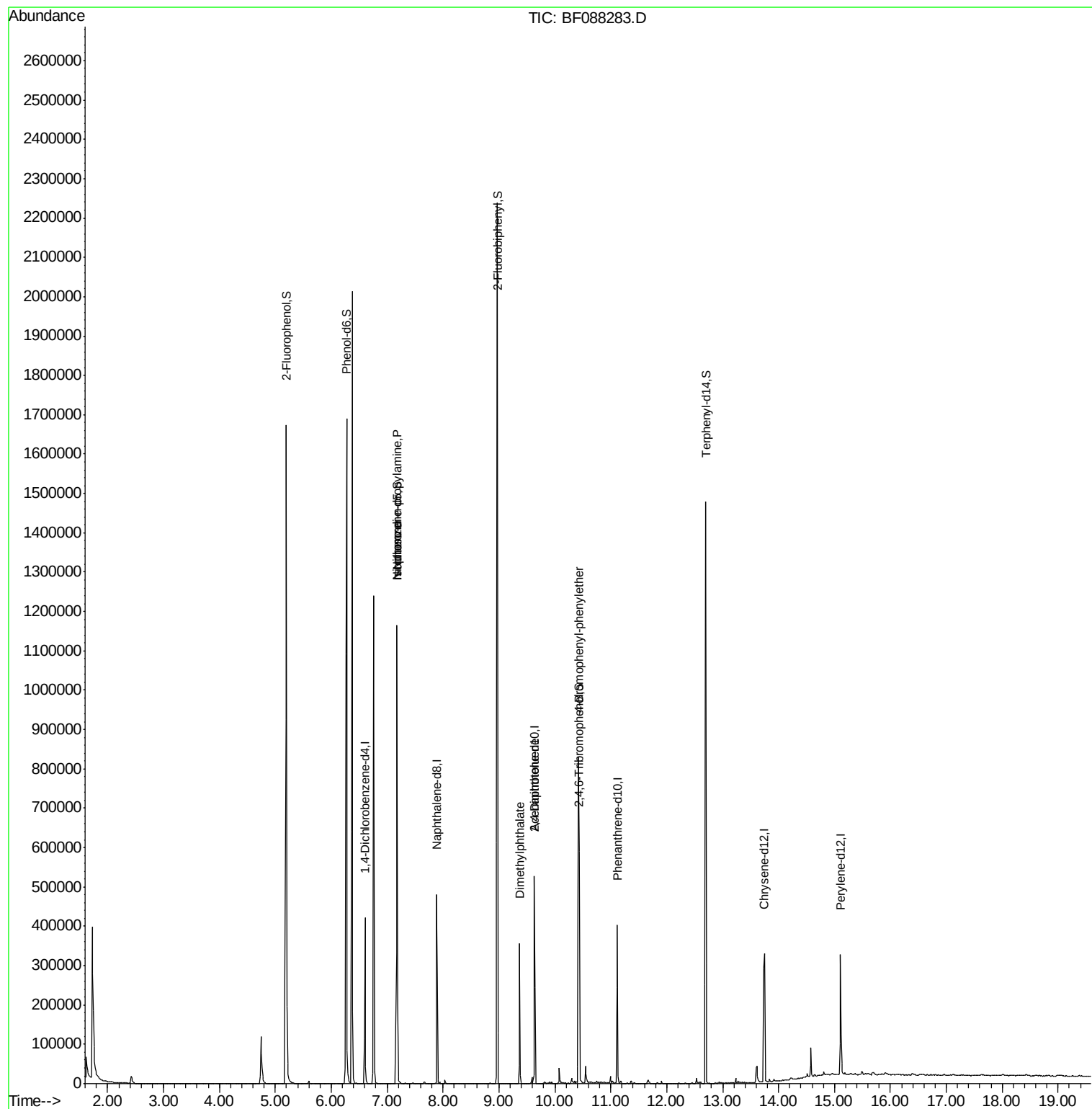
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	73873	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	281085	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	119936	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	187699	20.00	ng	0.00
75) Chrysene-d12	13.75	240	158233	20.00	ng	0.00
86) Perylene-d12	15.11	264	123205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	630185	145.84	ng	0.02
7) Phenol-d6	6.27	99	784200	149.74	ng	0.01
23) Nitrobenzene-d5	7.18	82	425251	88.34	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	139595	110.23	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	699967	92.15	ng	0.00
78) Terphenyl-d14	12.70	244	458032	65.87	ng	0.00
Target Compounds						
10) Phenol	6.28	94	3906	Below Cal	#	69
19) n-Nitroso-di-n-propylamine	7.18	70	55748	16.64	ng	# 70
25) Isophorone	7.18	82	425279	47.70	ng	# 65
45) 1,1'-Biphenyl	8.97	154	1261	Below Cal	#	1
49) Dimethylphthalate	9.37	163	143966	16.57	ng	99
56) 2,4-Dinitrotoluene	9.63	165	14984	5.86	ng	# 36
57) Fluorene	10.42	166	6160	Below Cal	#	84
66) 4-Bromophenyl-phenylether	10.42	248	8481	4.21	ng	# 1

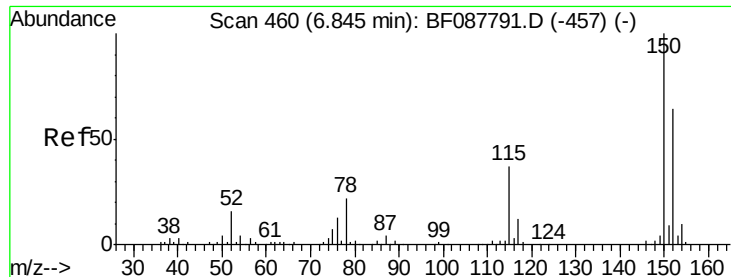
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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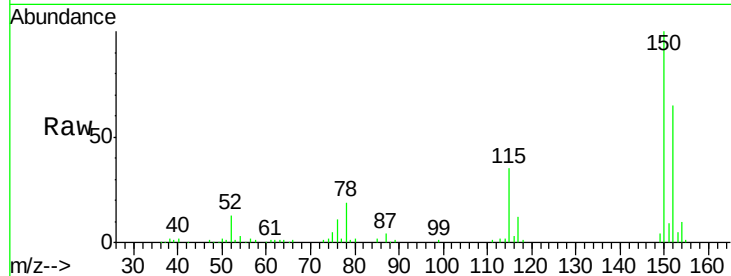


#1

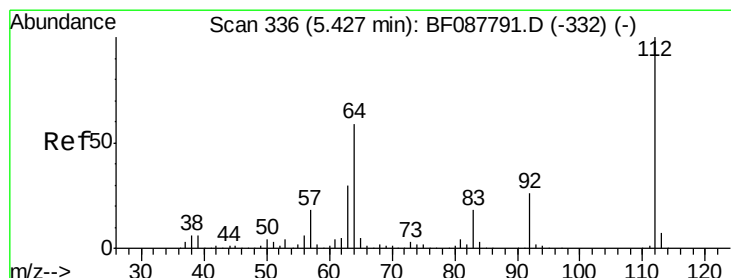
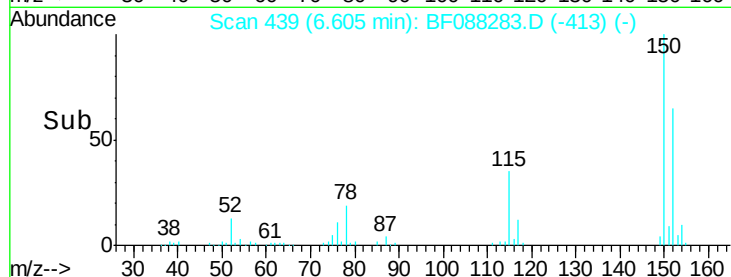
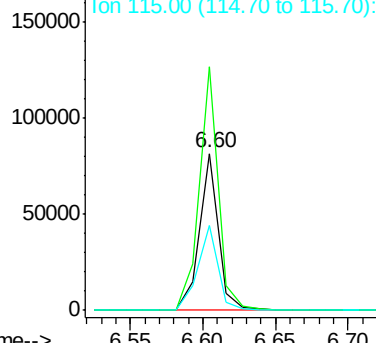
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088283.D
Acq: 23 Jun 2016 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73873
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 54.4 39.6 59.4



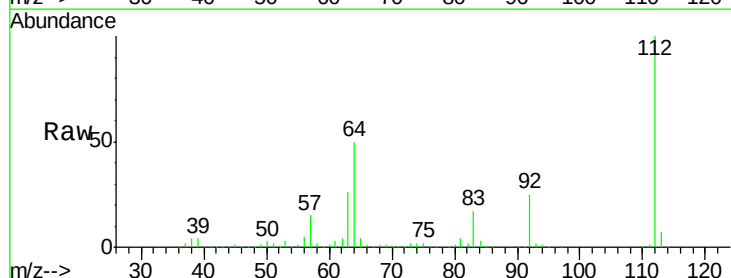
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



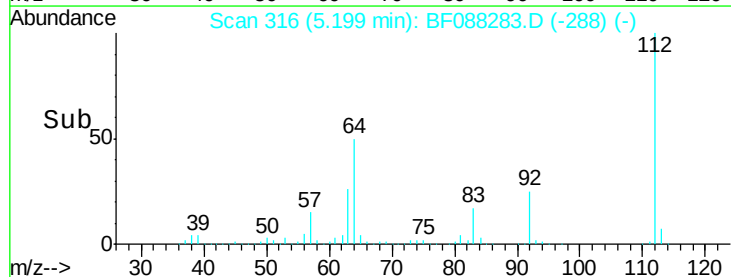
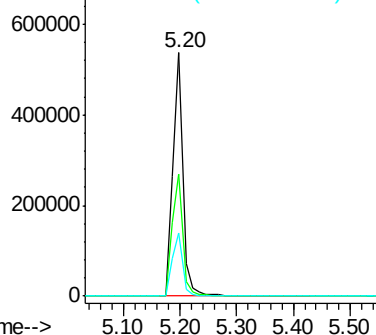
#5

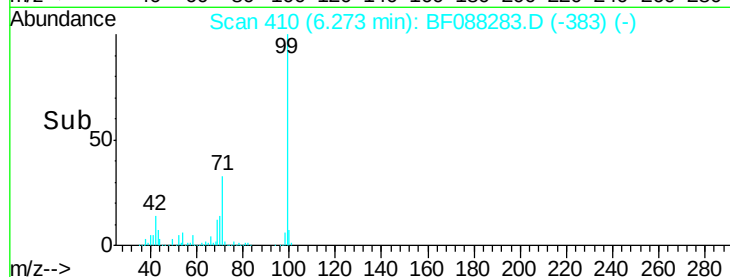
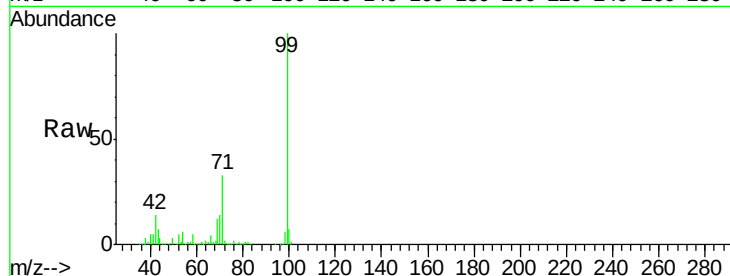
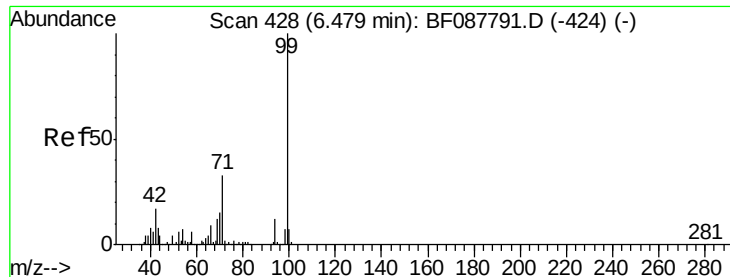
2-Fluorophenol
Concen: 145.84 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088283.D
Acq: 23 Jun 2016 8:55

Tgt Ion:112 Resp: 630185
Ion Ratio Lower Upper
112 100
64 50.1 42.2 63.2
63 25.8 21.8 32.8



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: 149.74 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

Instrument :

BNA_F

ClientSampleId :

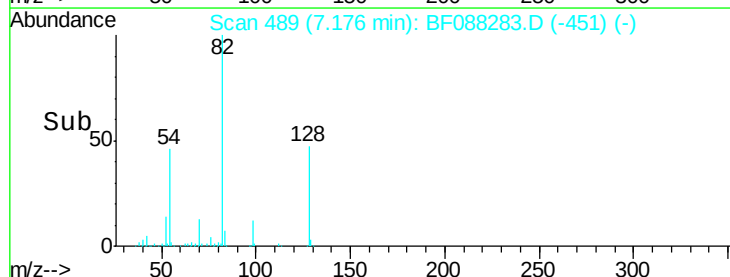
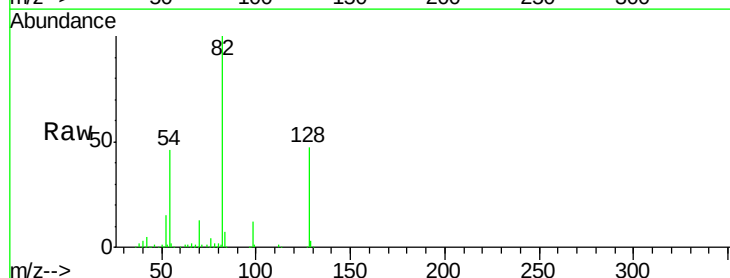
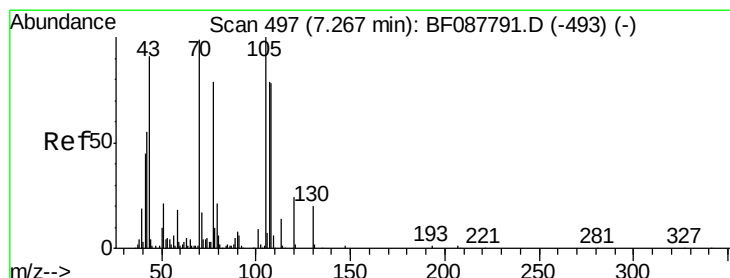
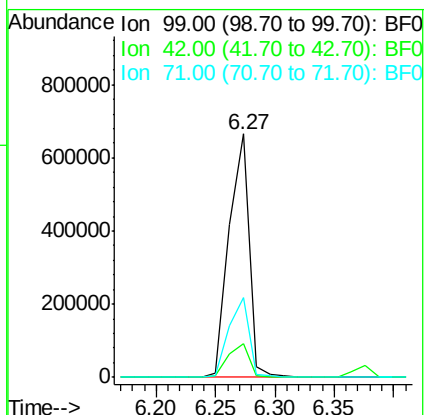
Tot Ion: 99 Resp: 784200

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

71 32.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.64 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

Tgt Ion: 70 Resp: 55748

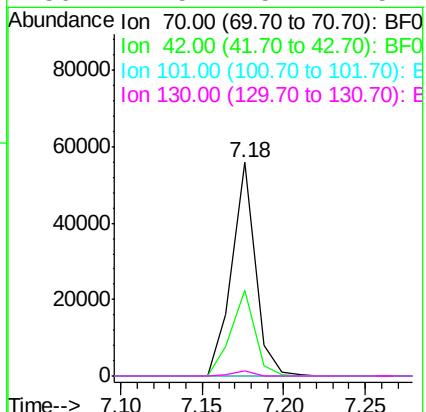
Ion Ratio Lower Upper

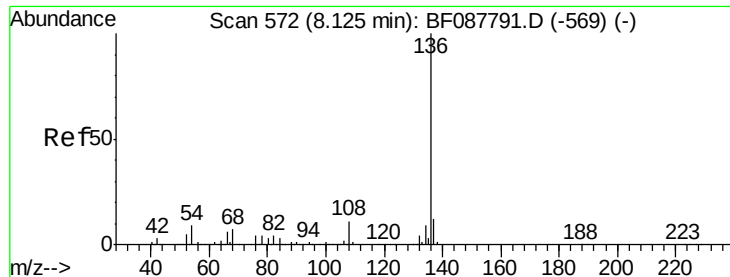
70 100

42 40.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 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: BF088283.D

Acq: 23 Jun 2016 8:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 281085

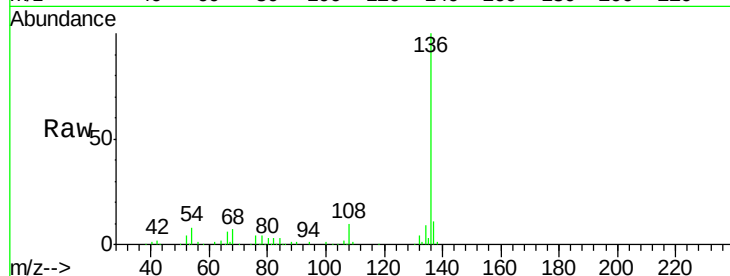
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.9 5.1 7.7

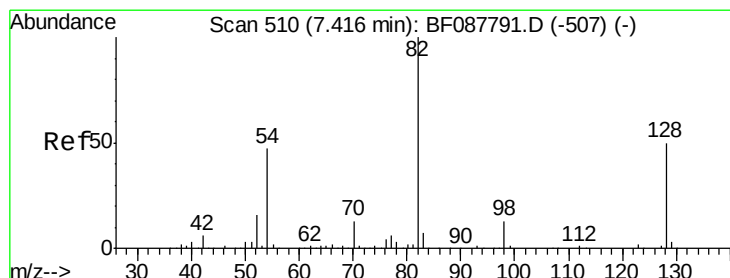
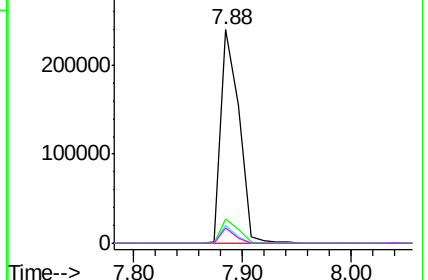
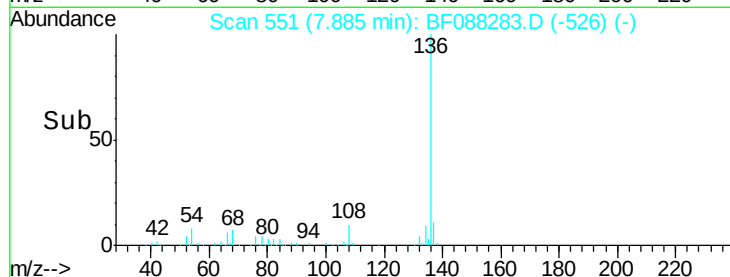


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.34 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

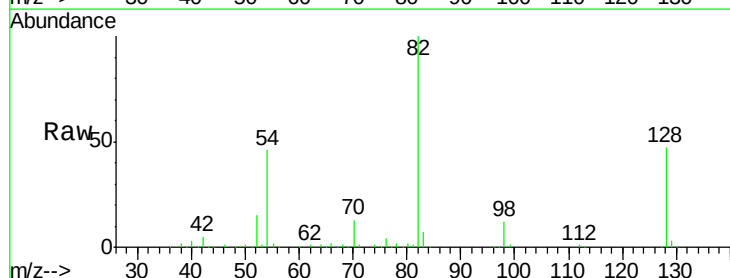
Tgt Ion: 82 Resp: 425251

Ion Ratio Lower Upper

82 100

128 46.6 35.9 53.9

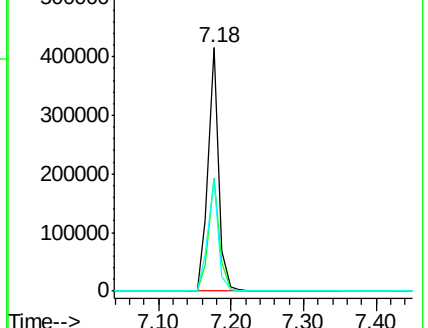
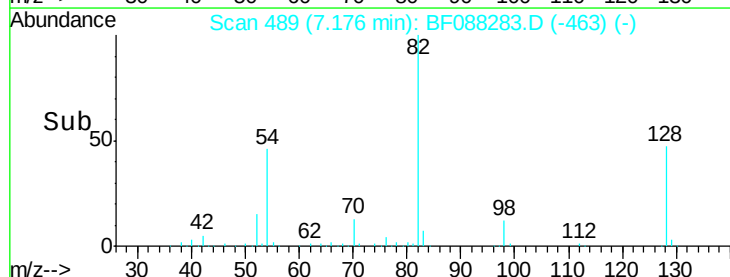
54 45.9 40.9 61.3

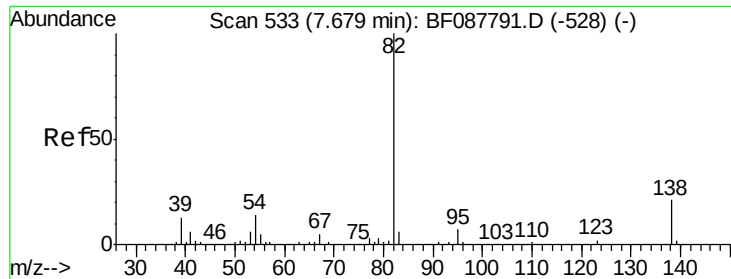


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.70 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

Instrument :

BNA_F

ClientSampleId :

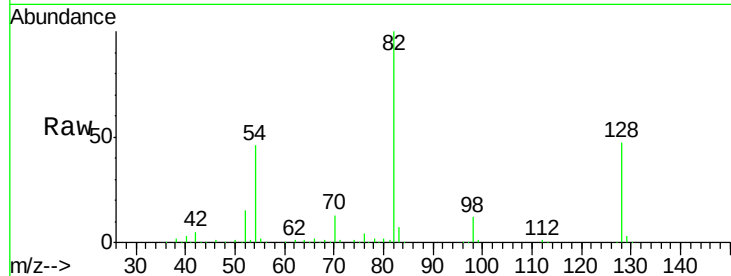
Tot Ion: 82 Resp: 425279

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

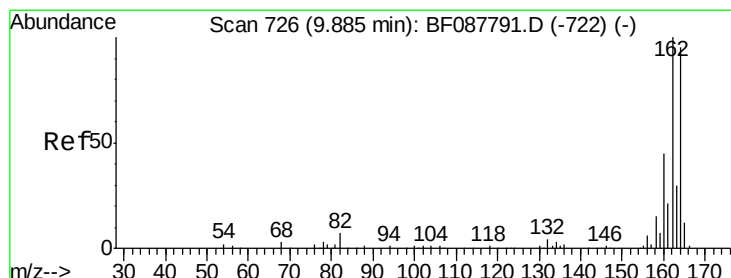
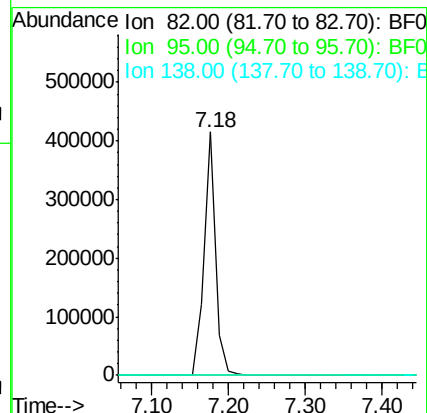
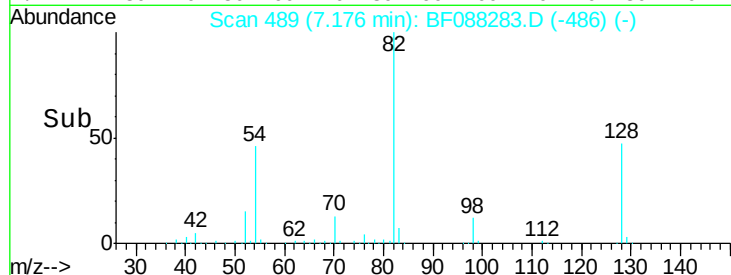


Abundance Ion 82.00 (81.70 to 82.70): BF087791.D (-528) (-)

Ion 95.00 (94.70 to 95.70): BF087791.D (-528) (-)

Ion 138.00 (137.70 to 138.70): BF087791.D (-528) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

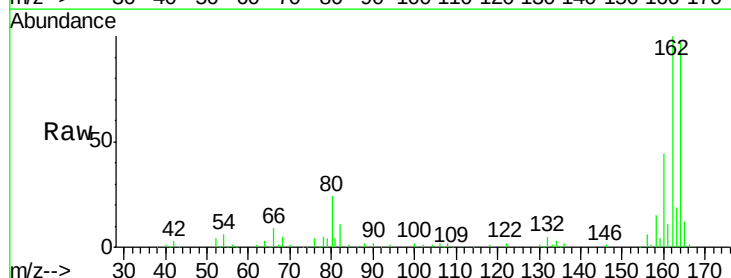
Tgt Ion: 164 Resp: 119936

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

160 45.6 39.5 59.3

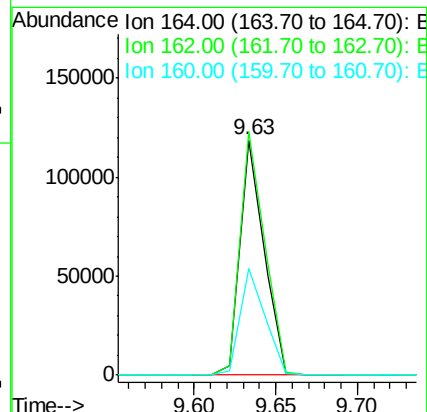
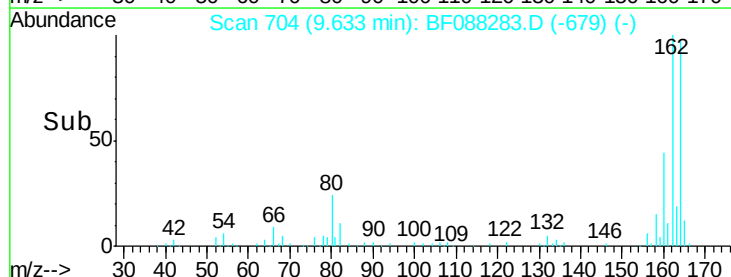


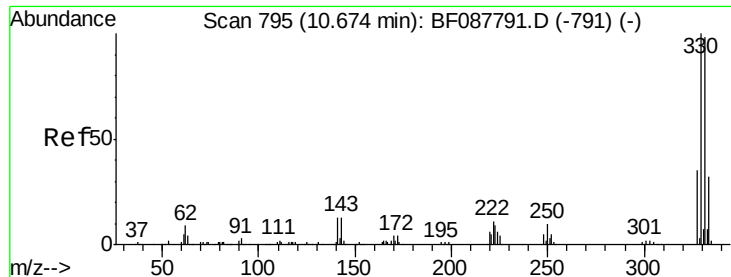
Abundance Ion 164.00 (163.70 to 164.70): BF087791.D (-722) (-)

Ion 162.00 (161.70 to 162.70): BF087791.D (-722) (-)

Ion 160.00 (159.70 to 160.70): BF087791.D (-722) (-)

Time-->

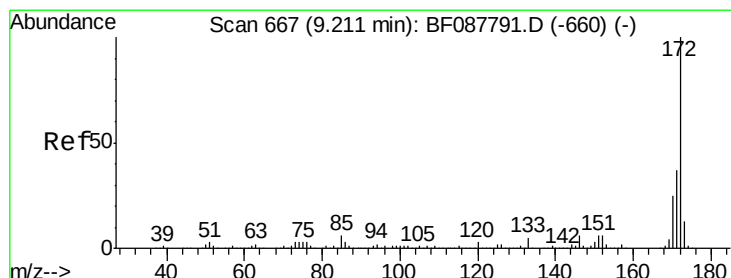
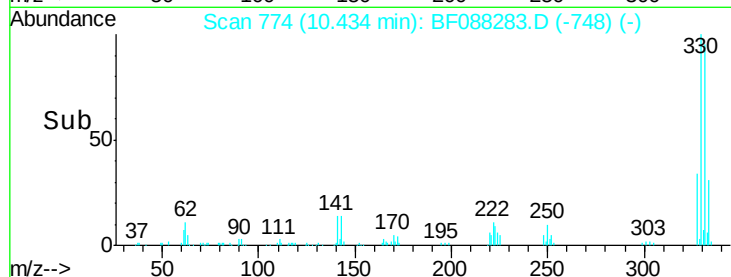
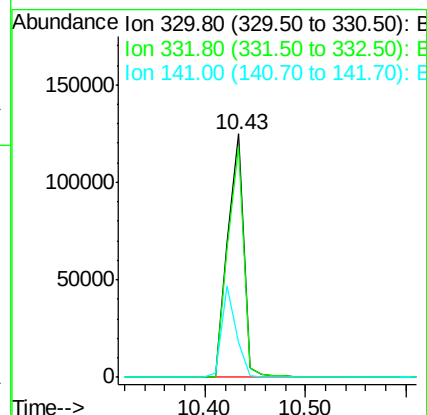
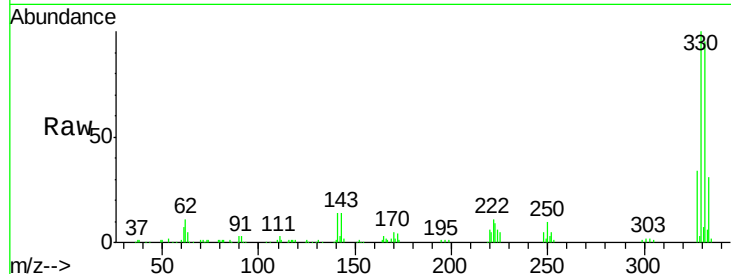




#41
 2,4,6-Tribromophenol
 Concen: 110.23 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088283.D
 Acq: 23 Jun 2016 8:55

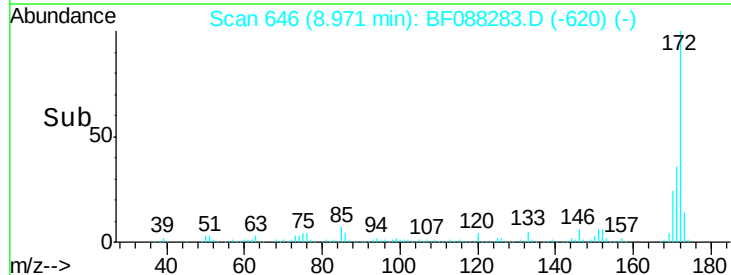
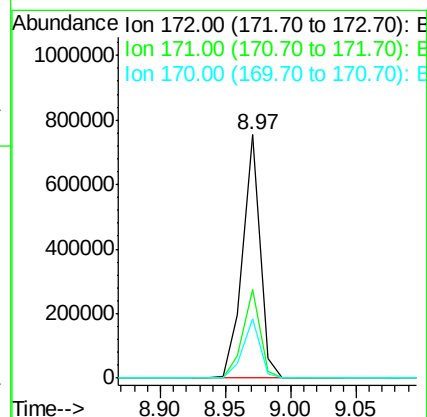
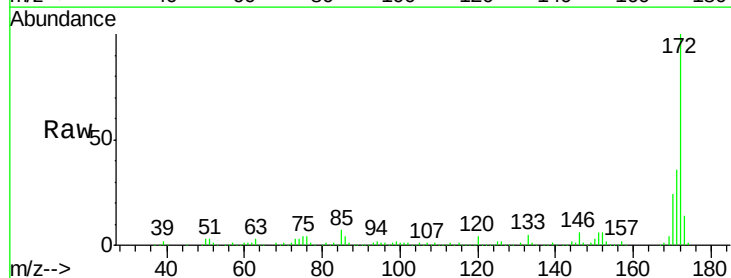
Instrument :
 BNA_F
 ClientSampleId :

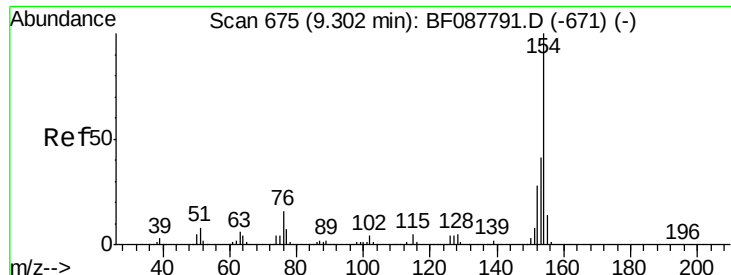
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	33.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.15 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088283.D
 Acq: 23 Jun 2016 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.4	19.2	28.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 8.97 min Scan# 646

Delta R.T. -0.10 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

Instrument :

BNA_F

ClientSampleId :

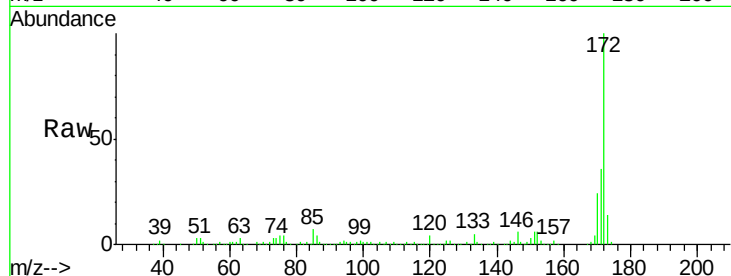
Tot Ion:154 Resp: 1261

Ion Ratio Lower Upper

154 100

153 1014.6 20.6 60.6#

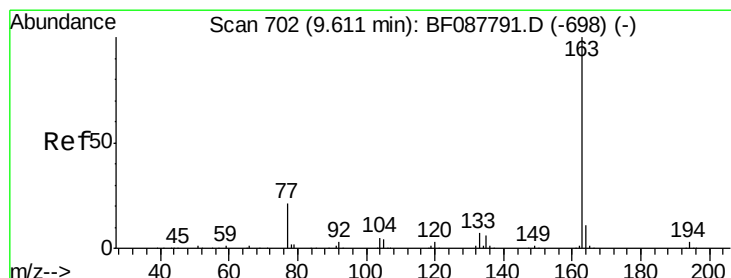
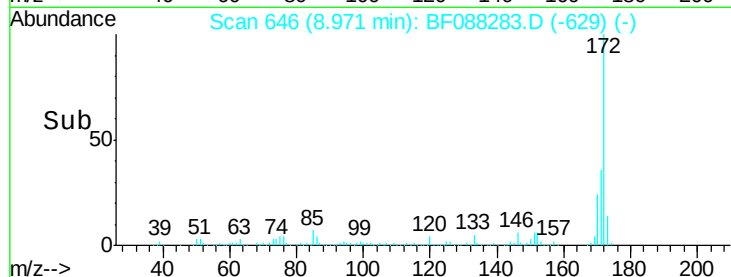
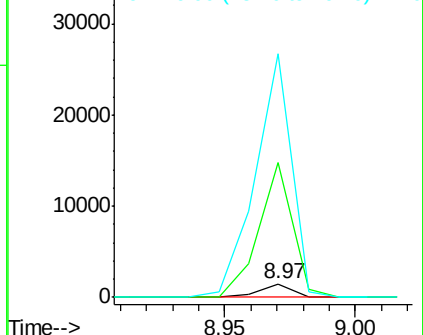
76 1838.0 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 16.57 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

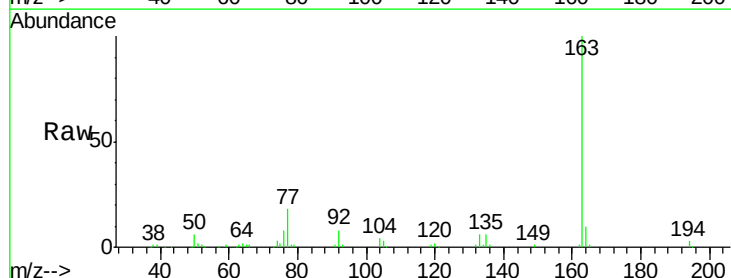
Tgt Ion:163 Resp: 143966

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

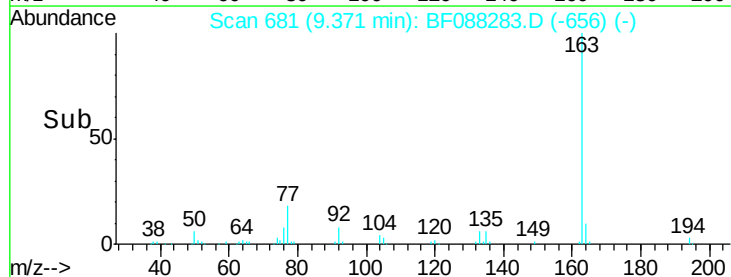
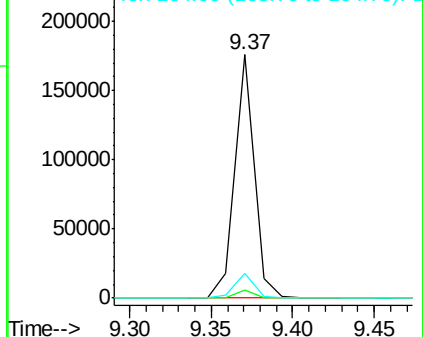
164 10.2 8.3 12.5

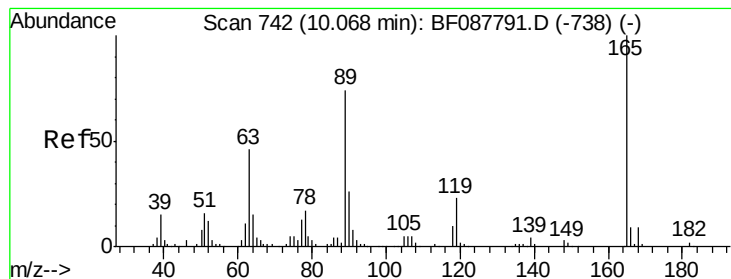


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.86 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088283.D

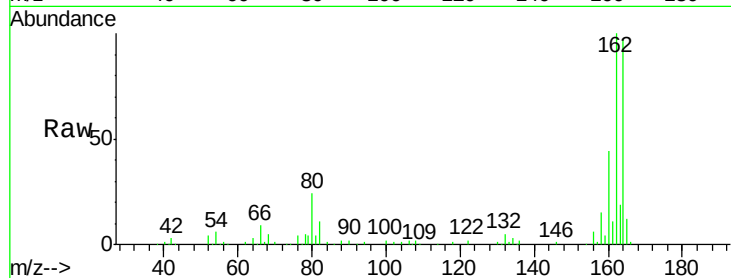
Acq: 23 Jun 2016 8:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	14984
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#

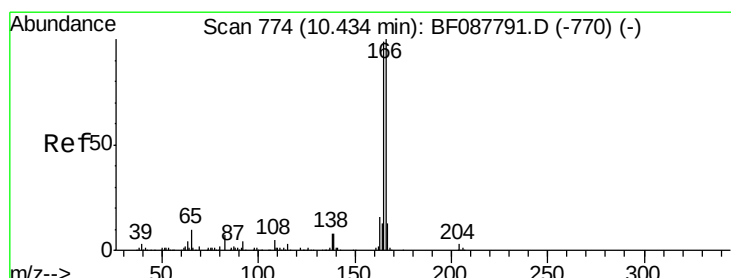
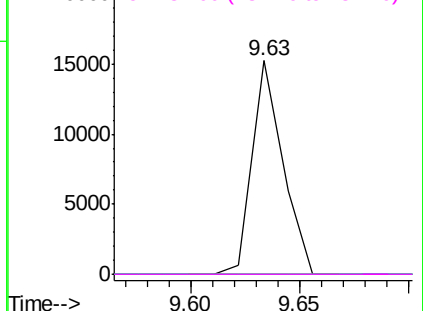
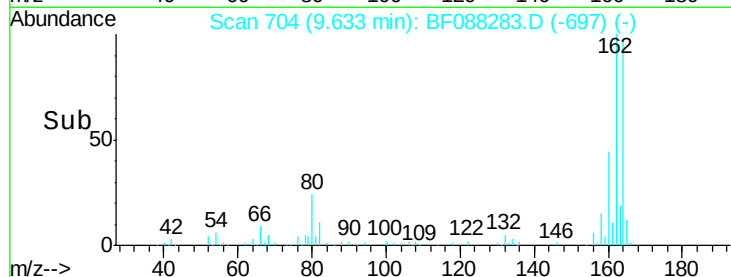


Abundance Ion 165.00 (164.70 to 165.70): E

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

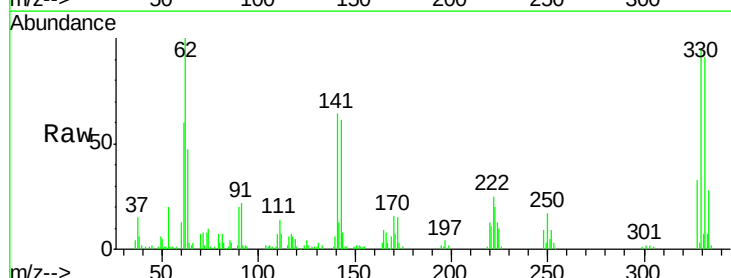
RT: 10.42 min Scan# 773

Delta R.T. 0.23 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

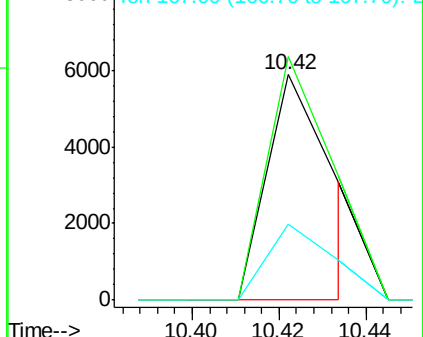
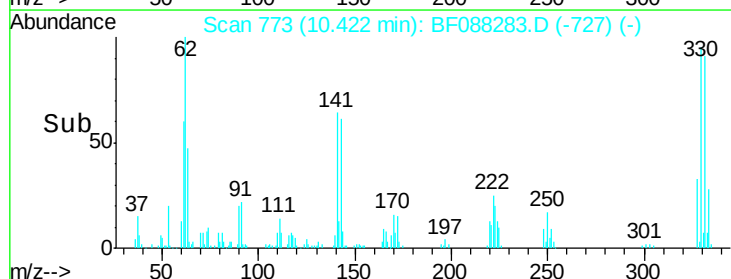
Tgt Ion:166	Resp:	6160
Ion Ratio	Lower	Upper
166	100	
165	108.0	77.8 116.8
167	33.8	11.2 16.8#

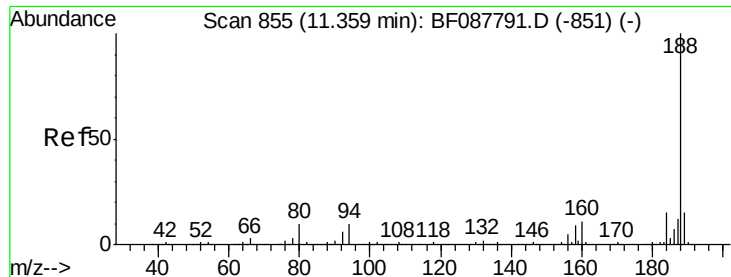


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

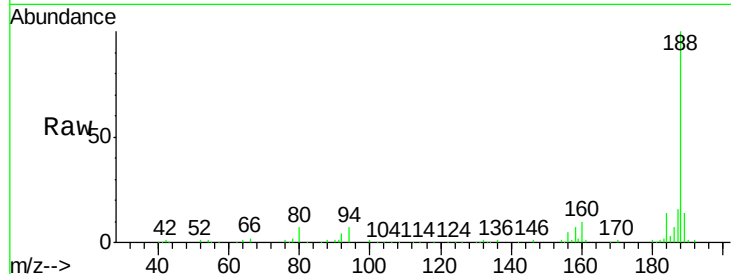




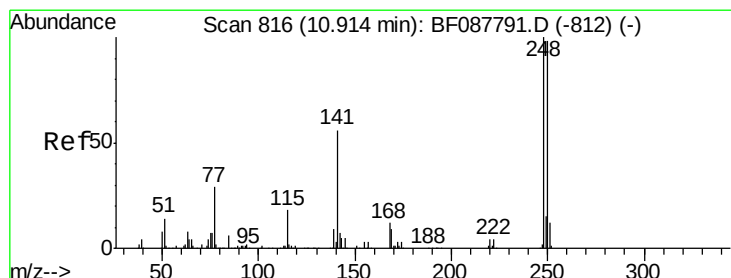
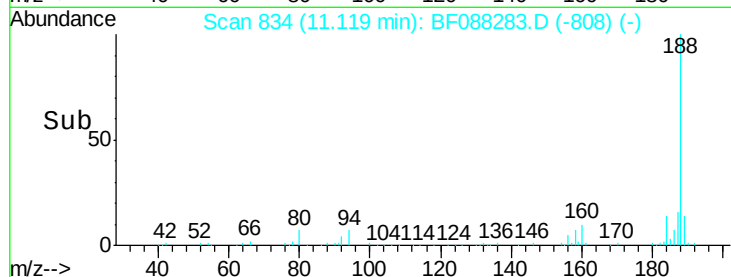
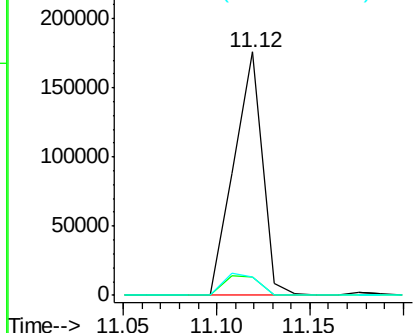
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088283.D
Acq: 23 Jun 2016 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 187699
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.6#
80 7.3 10.0 15.0#

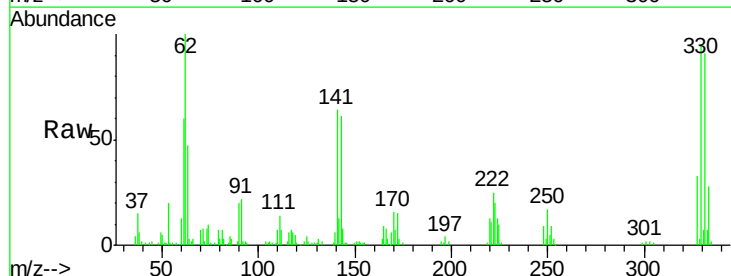


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

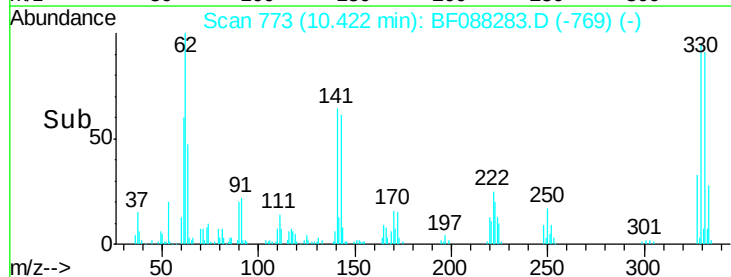
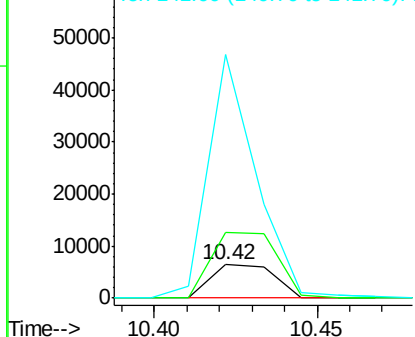


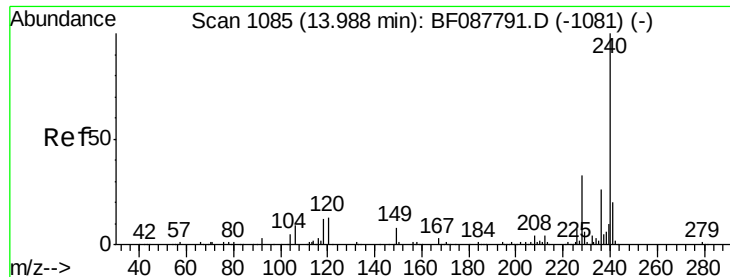
#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088283.D
Acq: 23 Jun 2016 8:55

Tgt Ion:248 Resp: 8481
Ion Ratio Lower Upper
248 100
250 198.0 77.1 115.7#
141 731.4 50.6 76.0#



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: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

Instrument :

BNA_F

ClientSampleId :

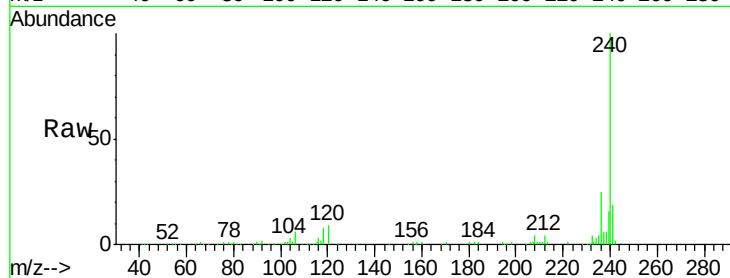
Tot Ion:240 Resp: 158233

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

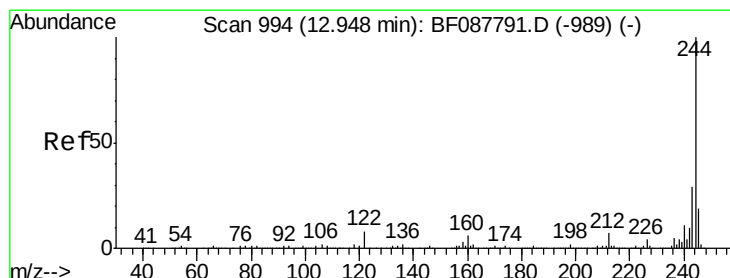
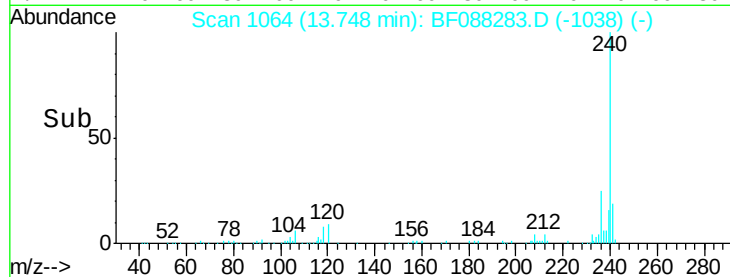
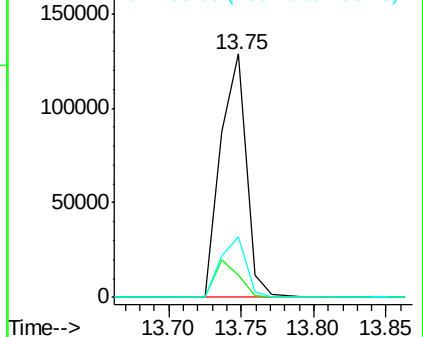
236 25.0 20.2 30.2



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: 65.87 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088283.D

Acq: 23 Jun 2016 8:55

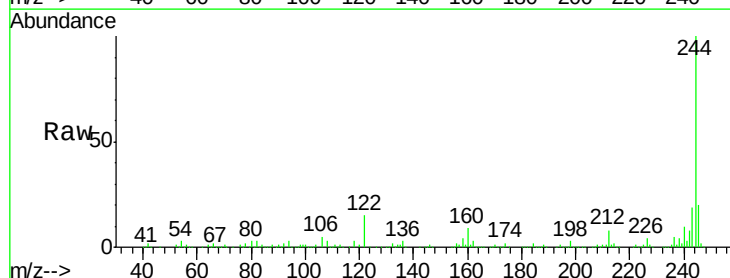
Tgt Ion:244 Resp: 458032

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

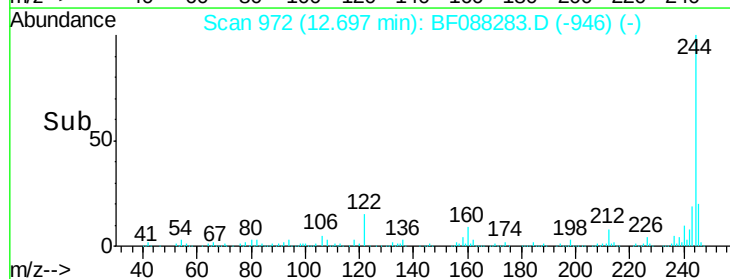
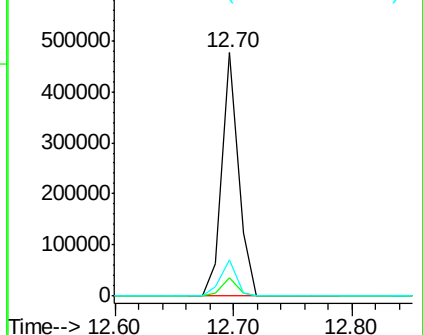
122 15.0 11.2 16.8

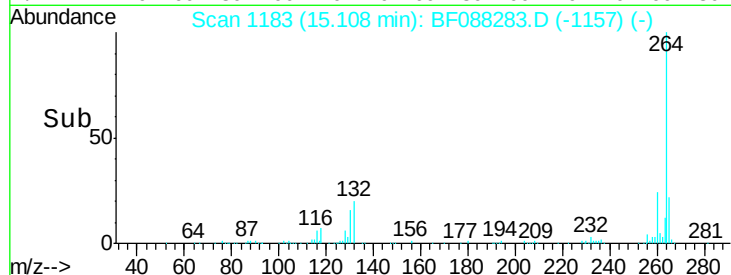
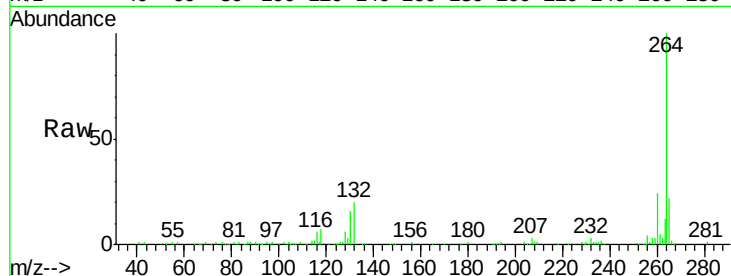
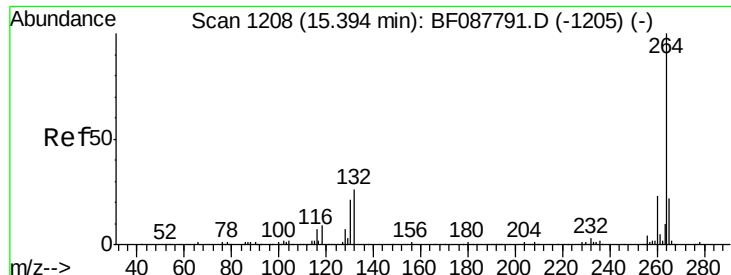


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088283.D
Acq: 23 Jun 2016 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	123205
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	16.9	25.3

