

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088258.D
 Acq On : 22 Jun 2016 19:20
 Operator : UM/SJ
 Sample : H3660-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 02:26:58 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

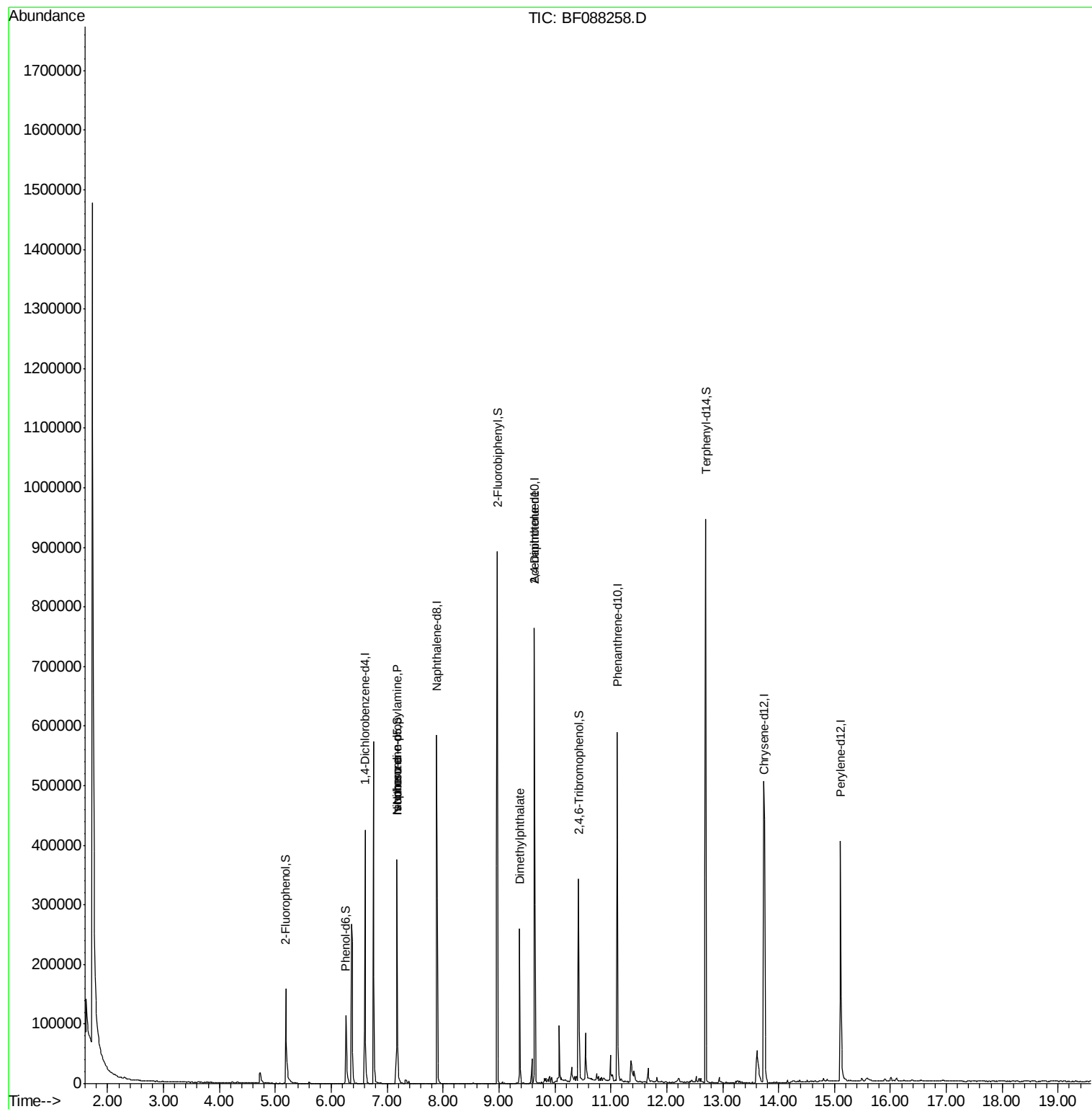
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	75765	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	340737	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	161888	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	290829	20.00	ng	0.00
75) Chrysene-d12	13.75	240	263340	20.00	ng	0.00
86) Perylene-d12	15.11	264	192988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	78862	17.79	ng	0.01
7) Phenol-d6	6.26	99	60417	11.25	ng	0.00
23) Nitrobenzene-d5	7.18	82	137821	23.62	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	41969	24.55	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	326345	27.95	ng	0.00
78) Terphenyl-d14	12.70	244	317191	27.41	ng	0.00
Target Compounds						
10) Phenol	6.28	94	2355	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.18	70	16353	4.76	ng	# 68
25) Isophorone	7.18	82	137831	12.75	ng	# 65
45) 1,1'-Biphenyl	8.97	154	414	Below Cal	#	1
49) Dimethylphthalate	9.37	163	104870	8.94	ng	99
56) 2,4-Dinitrotoluene	9.63	165	20686	5.99	ng	# 36
57) Fluorene	10.42	166	1905	Below Cal	#	81

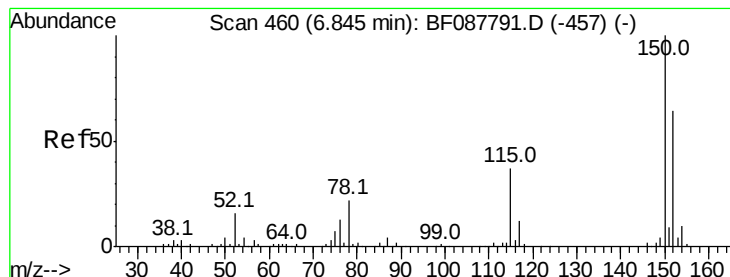
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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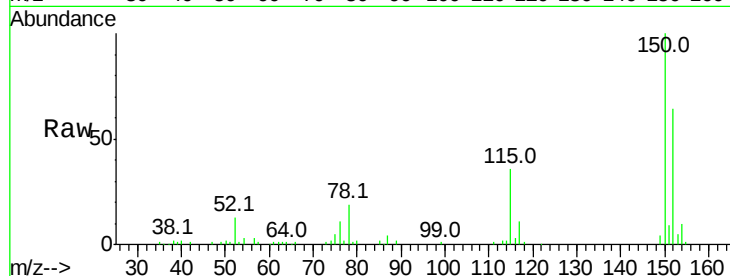


#1

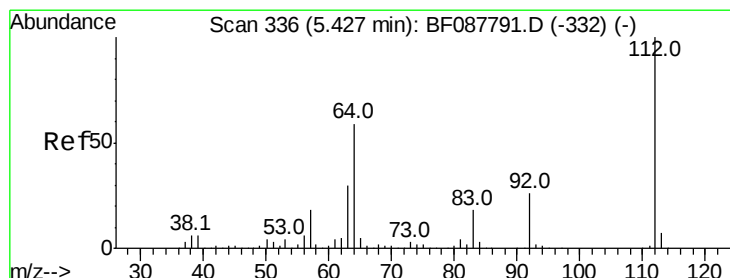
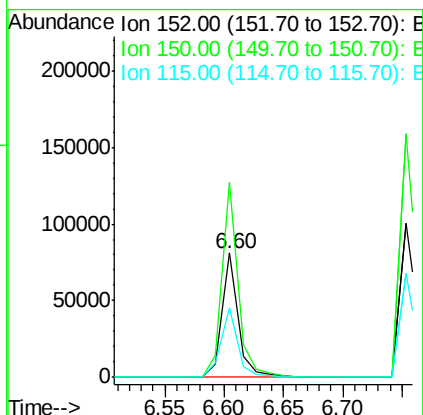
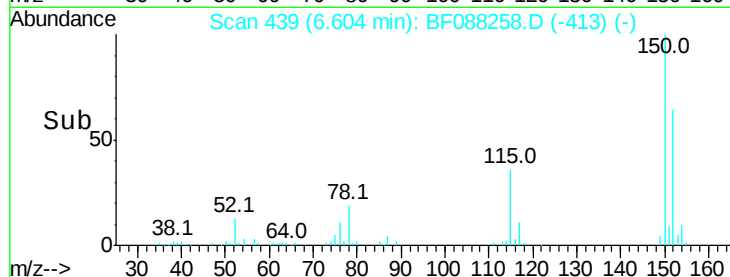
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75765
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 56.0 39.6 59.4



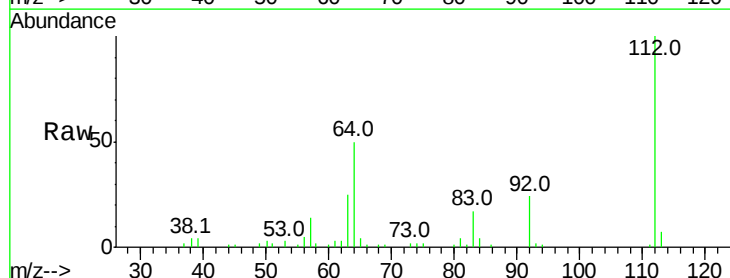
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



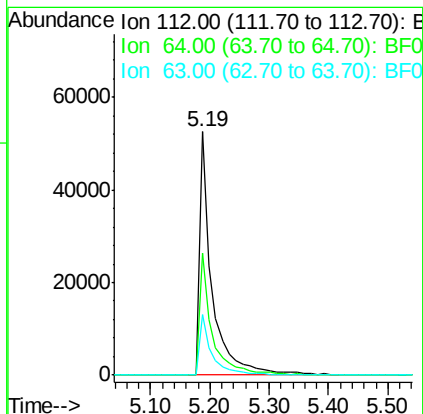
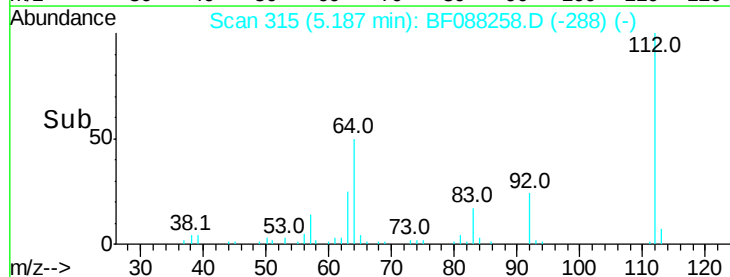
#5

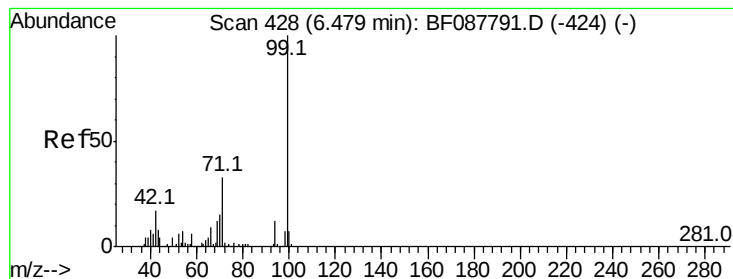
2-Fluorophenol
Concen: 17.79 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

Tgt Ion:112 Resp: 78862
Ion Ratio Lower Upper
112 100
64 50.1 42.2 63.2
63 24.9 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: 11.25 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088258.D

Acq: 22 Jun 2016 19:20

Instrument :

BNA_F

ClientSampleId :

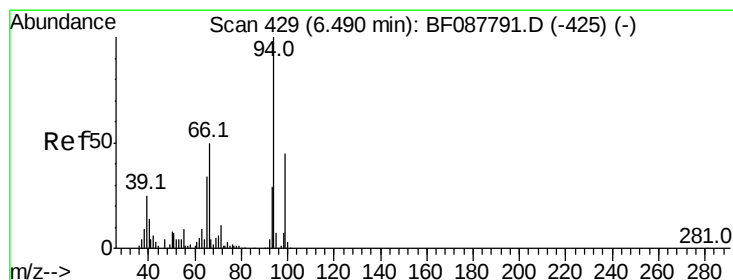
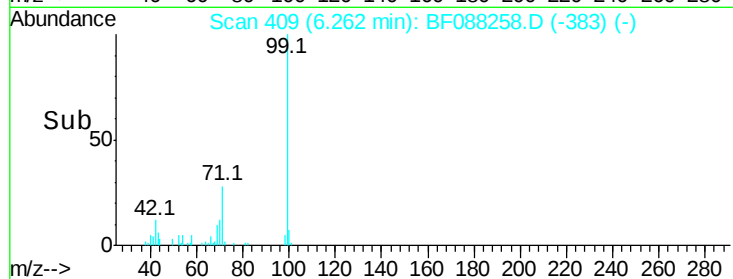
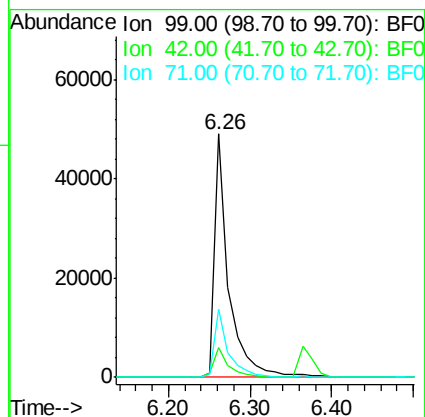
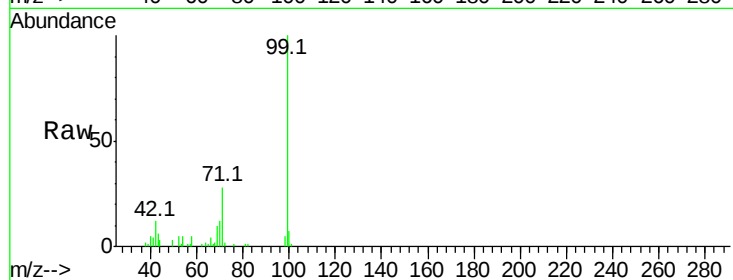
Tot Ion: 99 Resp: 60417

Ion Ratio Lower Upper

99 100

42 12.2 12.2 18.2

71 28.3 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088258.D

Acq: 22 Jun 2016 19:20

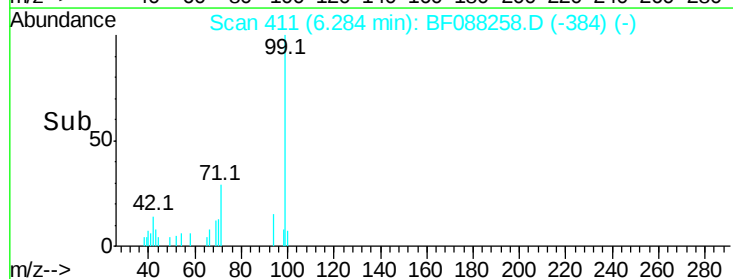
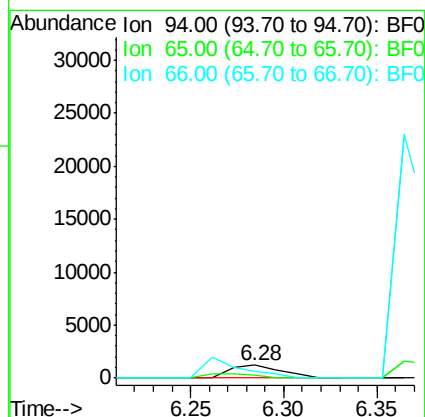
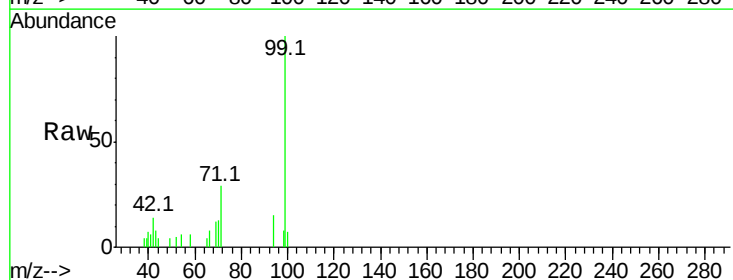
Tgt Ion: 94 Resp: 2355

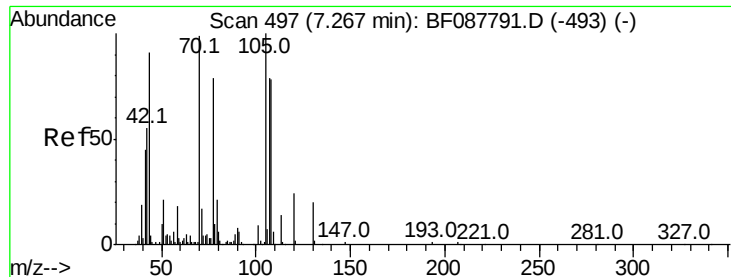
Ion Ratio Lower Upper

94 100

65 26.5 5.9 45.9

66 55.6 14.0 54.0#

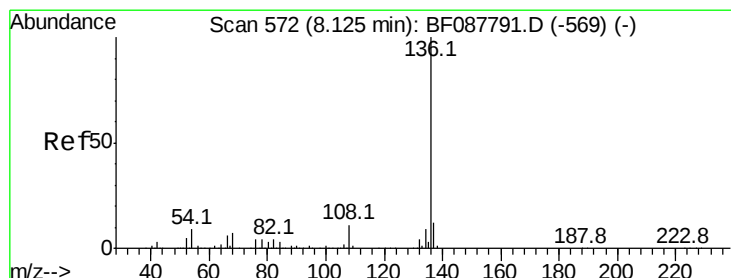
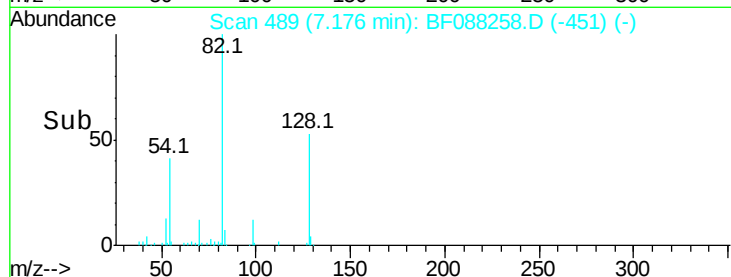
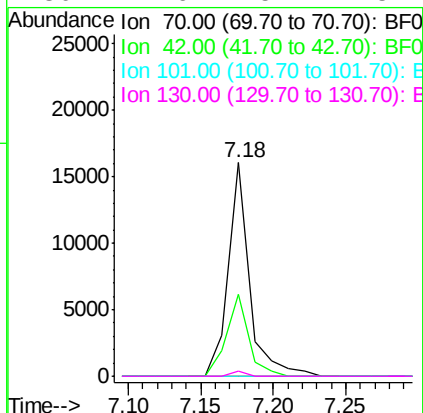
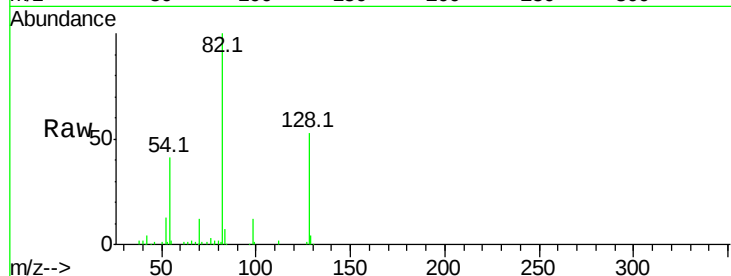




#19
n-Nitroso-di-n-propylamine
Concen: 4.76 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

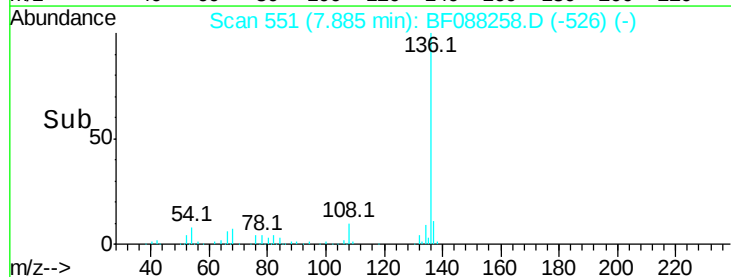
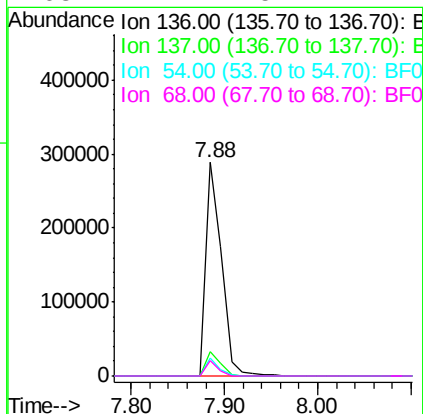
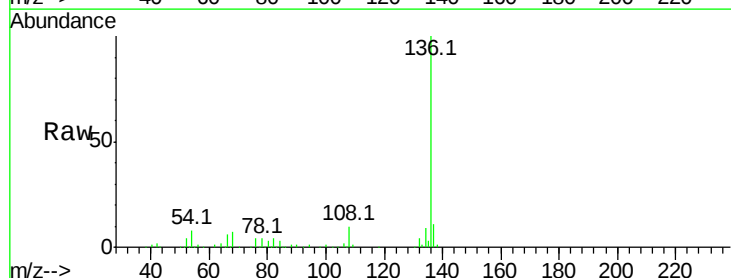
Instrument :
BNA_F
ClientSampleId :

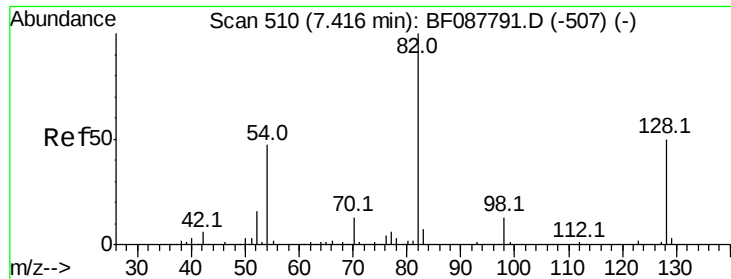
Tot Ion: 70 Resp: 16353
Ion Ratio Lower Upper
70 100
42 38.1 49.6 74.4#
101 0.0 7.1 10.7#
130 2.6 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

Tgt Ion: 136 Resp: 340737
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.3 6.6 10.0
68 7.1 5.1 7.7

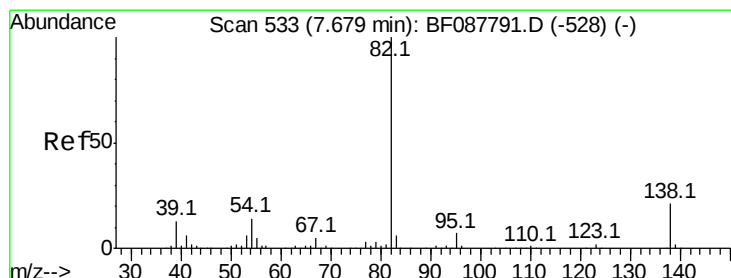
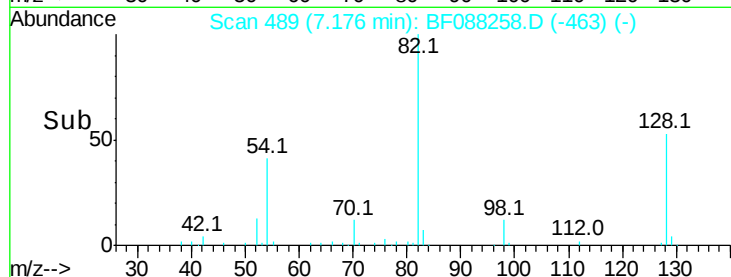
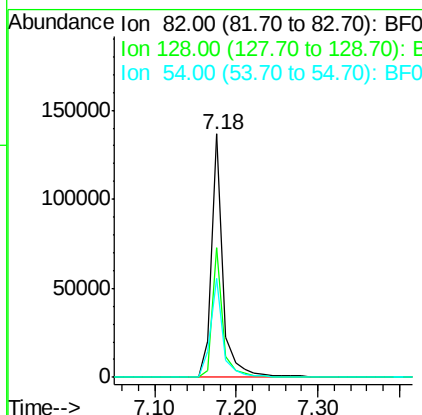
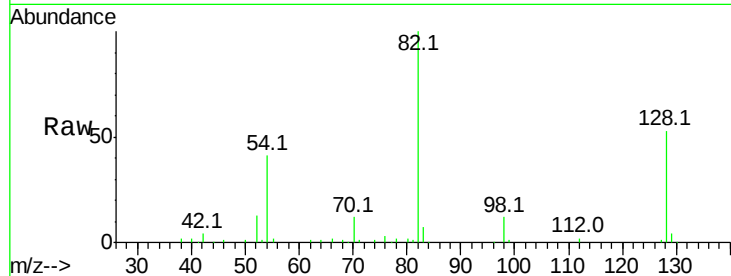




#23
 Nitrobenzene-d5
 Concen: 23.62 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088258.D
 Acq: 22 Jun 2016 19:20

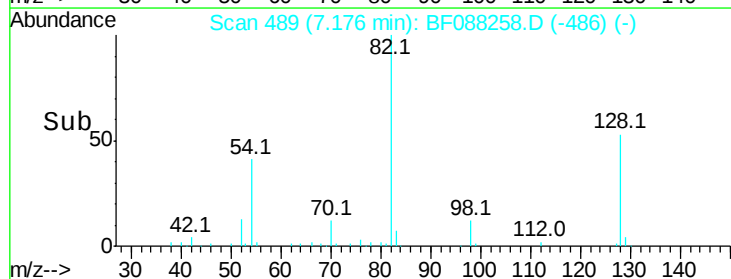
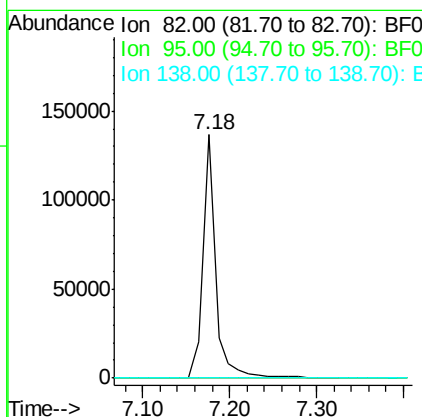
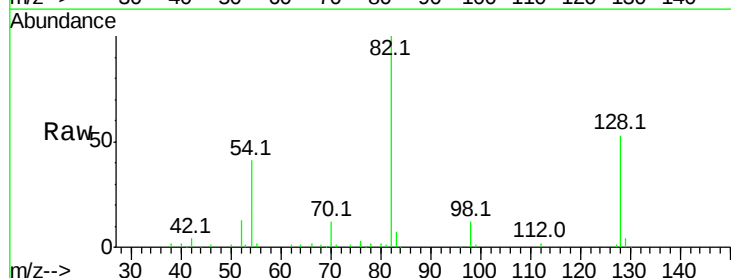
Instrument :
 BNA_F
 ClientSampleId :

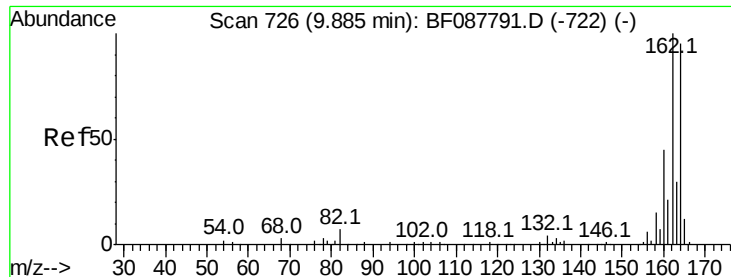
Tot Ion: 82 Resp: 137821
 Ion Ratio Lower Upper
 82 100
 128 53.3 35.9 53.9
 54 40.8 40.9 61.3#



#25
 Isophorone
 Concen: 12.75 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF088258.D
 Acq: 22 Jun 2016 19:20

Tgt Ion: 82 Resp: 137831
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#

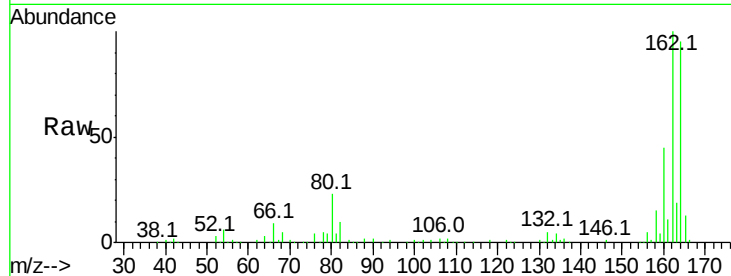




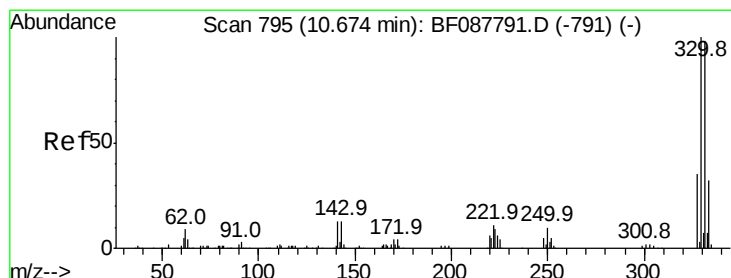
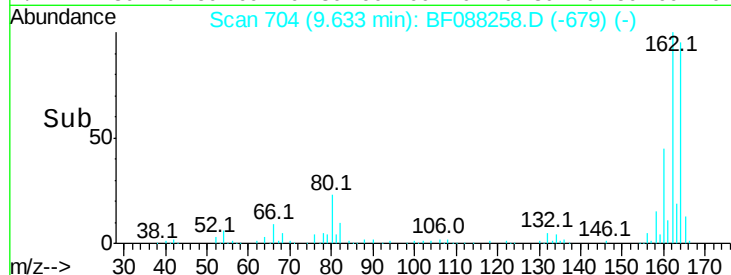
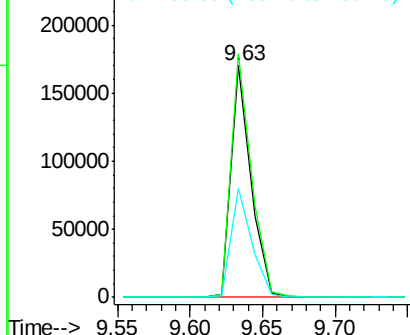
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 161888
Ion Ratio Lower Upper
164 100
162 105.1 85.4 128.2
160 47.2 39.5 59.3

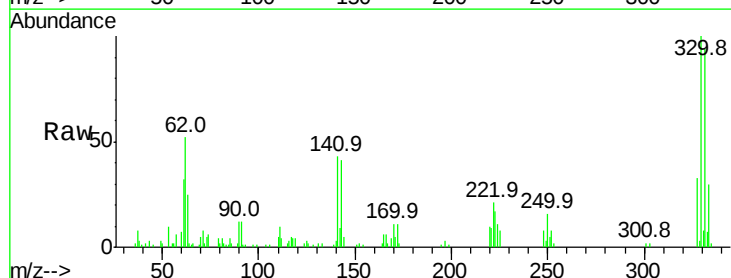


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

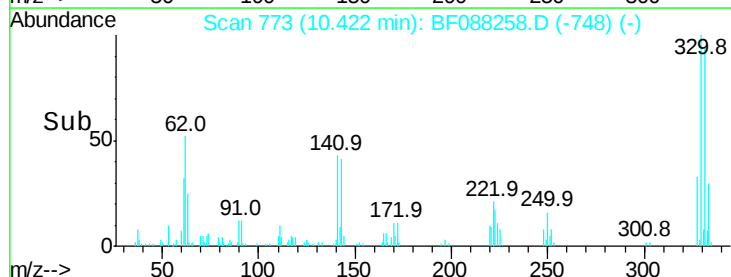
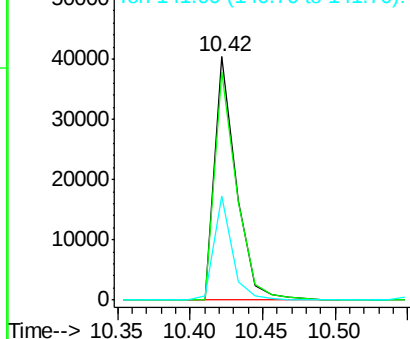


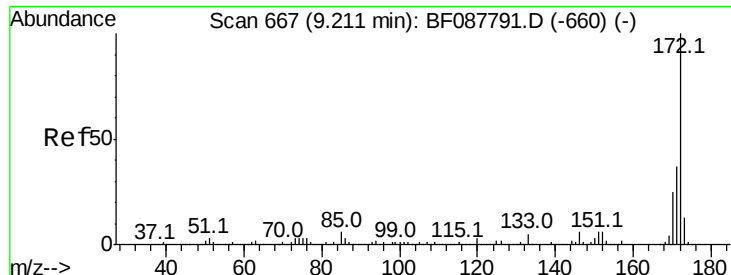
#41
2,4,6-Tribromophenol
Concen: 24.55 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

Tgt Ion:330 Resp: 41969
Ion Ratio Lower Upper
330 100
332 95.4 0.0 0.0#
141 36.0 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

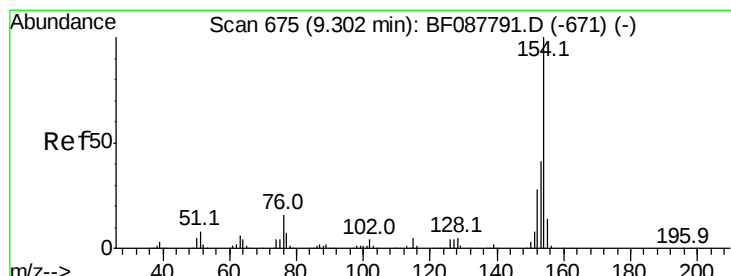
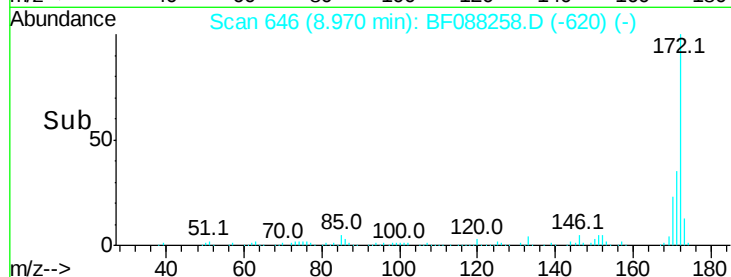
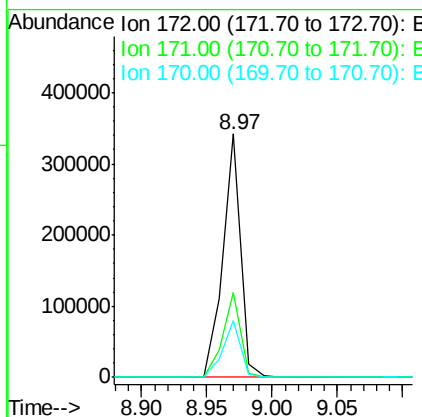
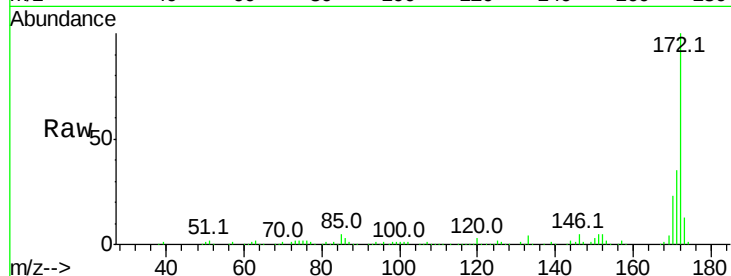




#44
2-Fluorobiphenyl
Concen: 27.95 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

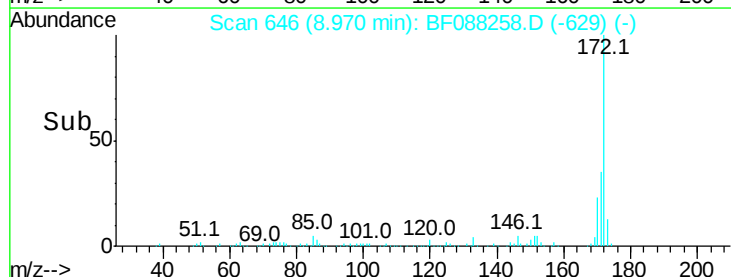
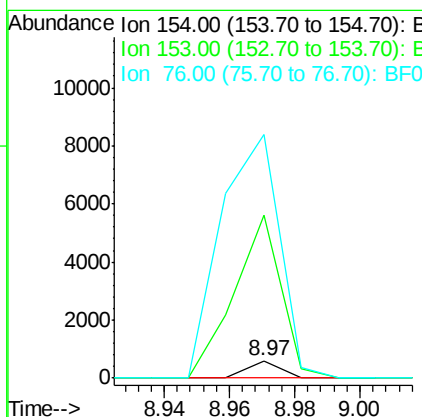
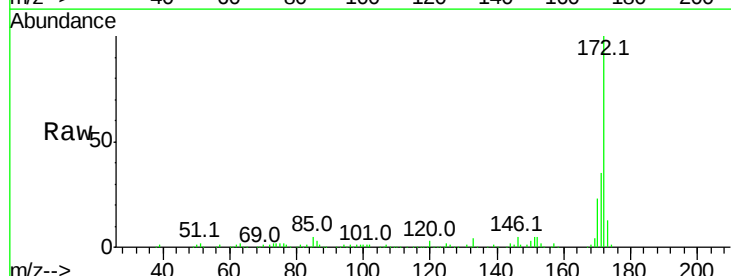
Instrument :
BNA_F
ClientSampleId :

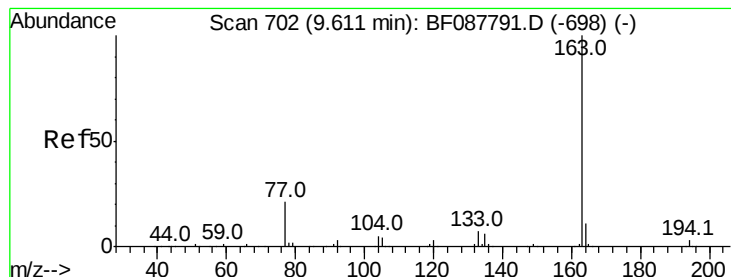
Tot Ion:172 Resp: 326345
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.97 min Scan# 646
Delta R.T. -0.10 min
Lab File: BF088258.D
Acq: 22 Jun 2016 19:20

Tgt Ion:154 Resp: 414
Ion Ratio Lower Upper
154 100
153 929.9 20.6 60.6#
76 1390.9 0.0 35.1#





#49

Dimethylphthalate

Concen: 8.94 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088258.D

Acq: 22 Jun 2016 19:20

Instrument :

BNA_F

ClientSampleId :

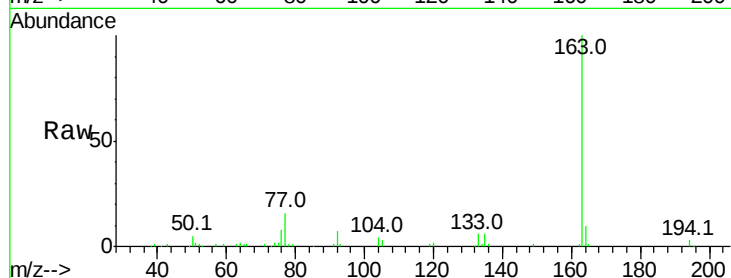
Tot Ion:163 Resp: 104870

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

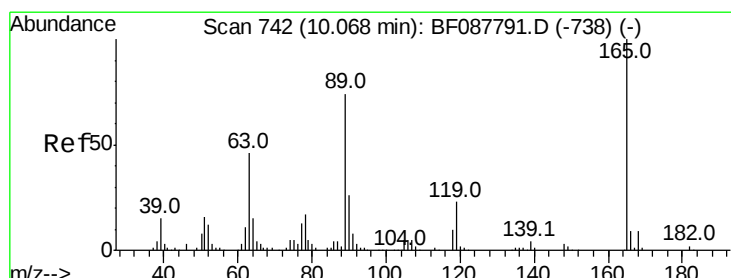
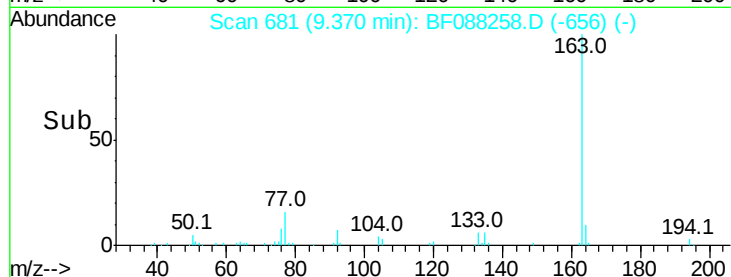
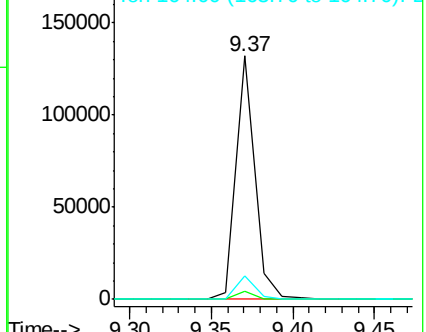
164 9.8 8.3 12.5



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: 5.99 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088258.D

Acq: 22 Jun 2016 19:20

Tgt Ion:165 Resp: 20686

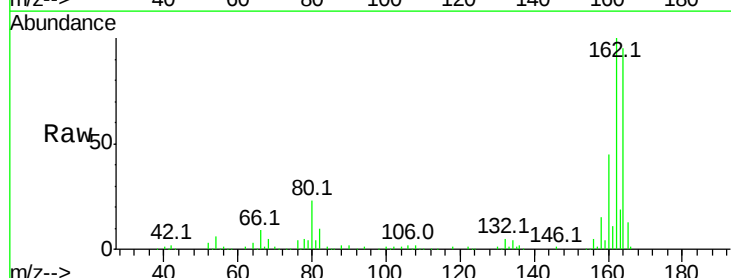
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

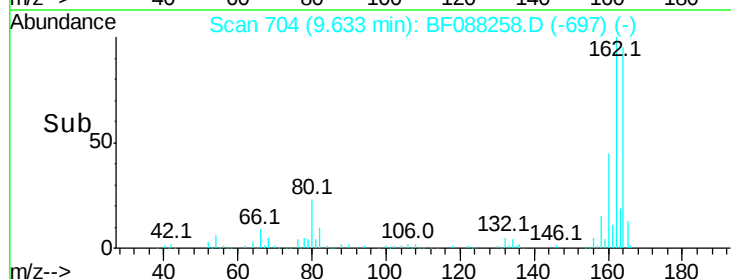
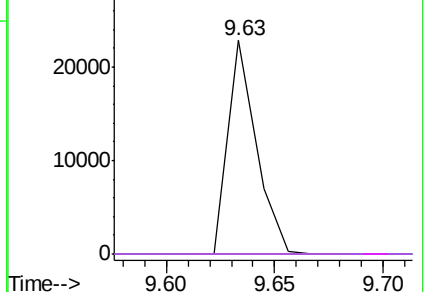


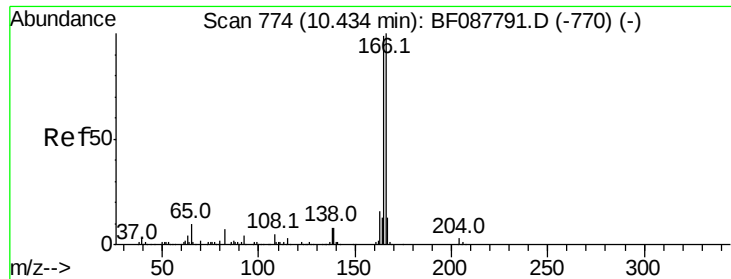
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088258.D

Acq: 22 Jun 2016 19:20

Instrument :

BNA_F

ClientSampleId :

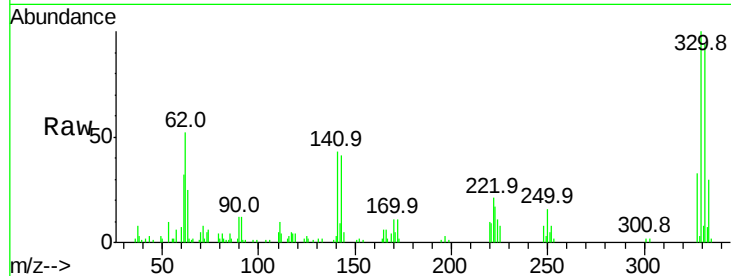
Tot Ion:166 Resp: 1905

Ion Ratio Lower Upper

166 100

165 111.7 77.8 116.8

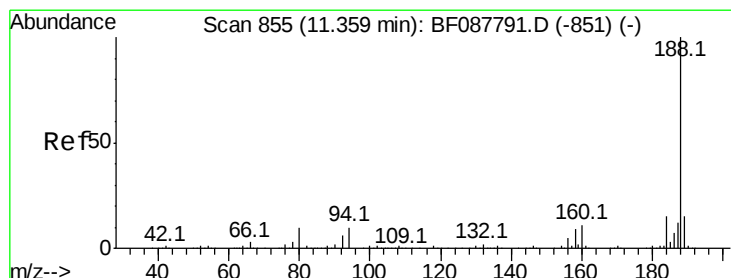
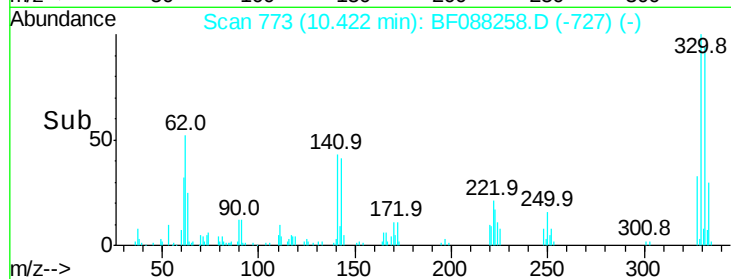
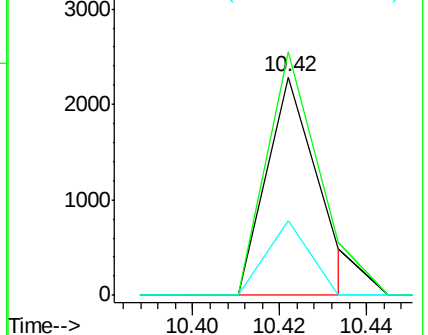
167 34.4 11.2 16.8#



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: BF088258.D

Acq: 22 Jun 2016 19:20

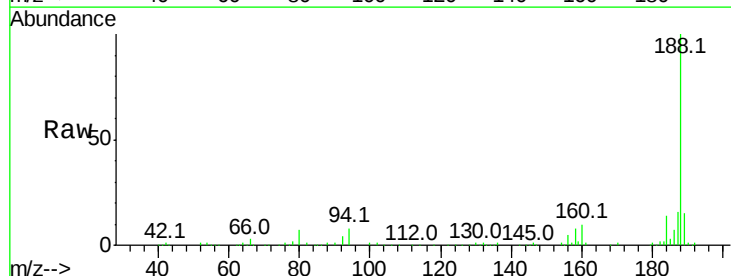
Tgt Ion:188 Resp: 290829

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

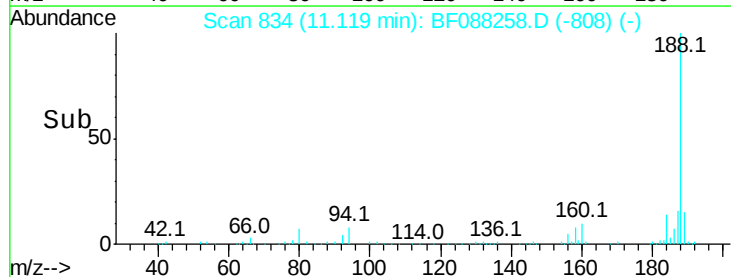
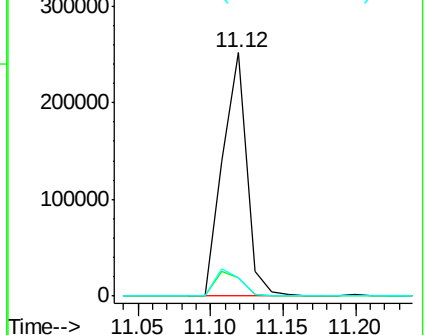
80 7.5 10.0 15.0#

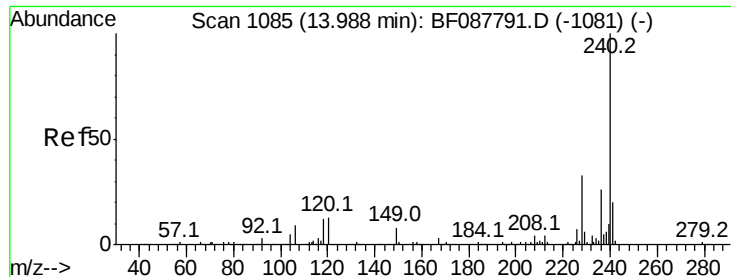


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088258.D

Acq: 22 Jun 2016 19:20

Instrument :

BNA_F

ClientSampled :

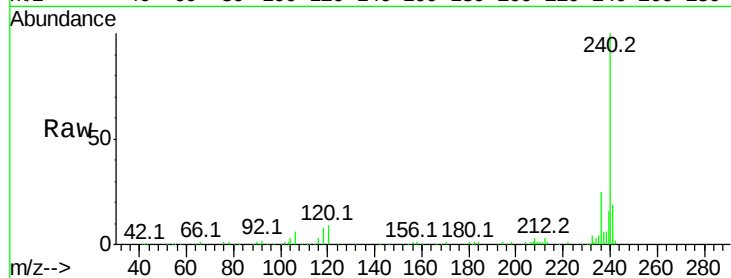
Tot Ion:240 Resp: 263340

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

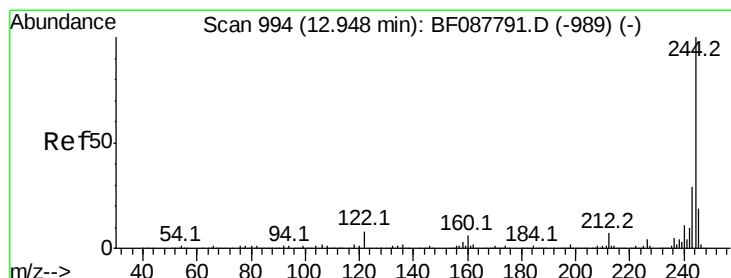
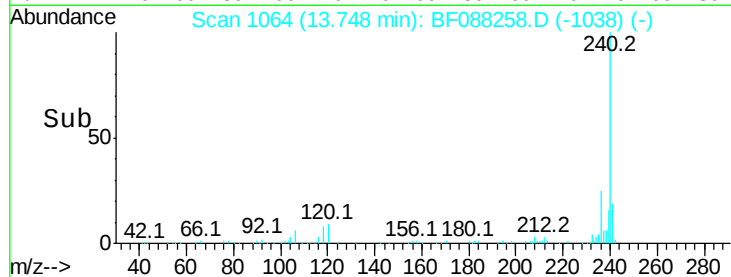
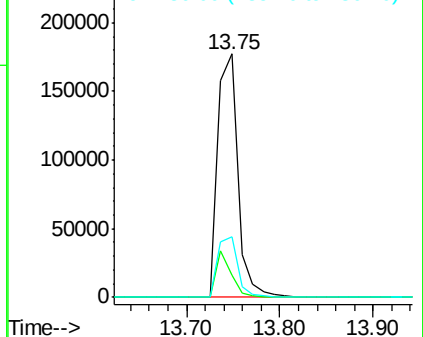
236 25.0 20.2 30.2



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: 27.41 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088258.D

Acq: 22 Jun 2016 19:20

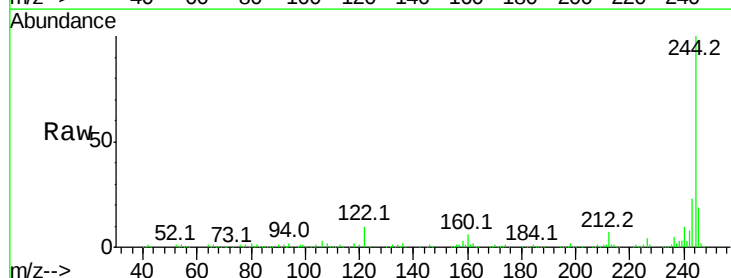
Tgt Ion:244 Resp: 317191

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

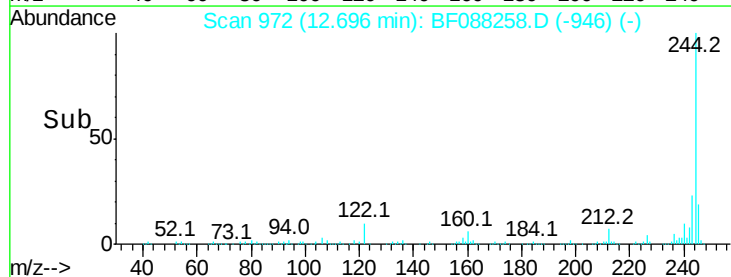
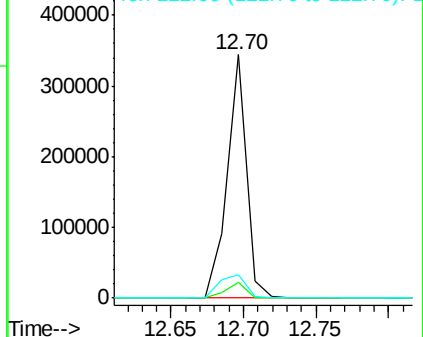
122 9.9 11.2 16.8#

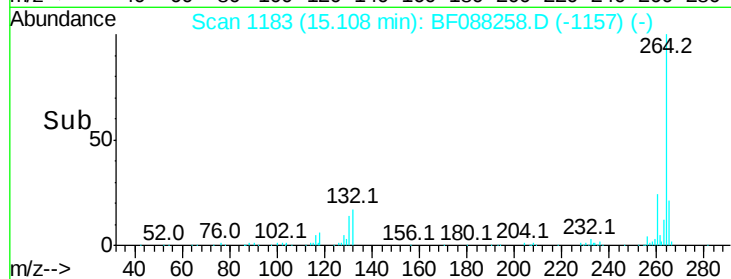
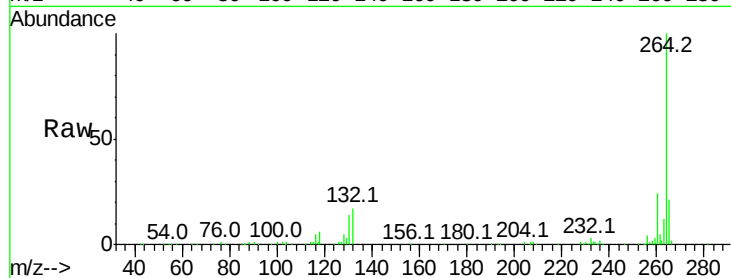
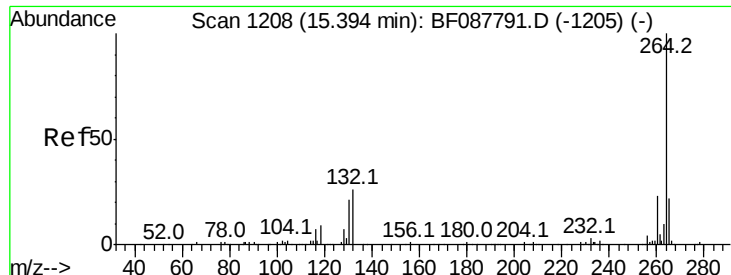


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088258.D

Acq: 22 Jun 2016 19:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 192988

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 16.9 25.3

