

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088138.D
 Acq On : 18 Jun 2016 17:10
 Operator : UM/SJ
 Sample : H3501-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB11-1-3

Quant Time: Jun 19 07:44:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

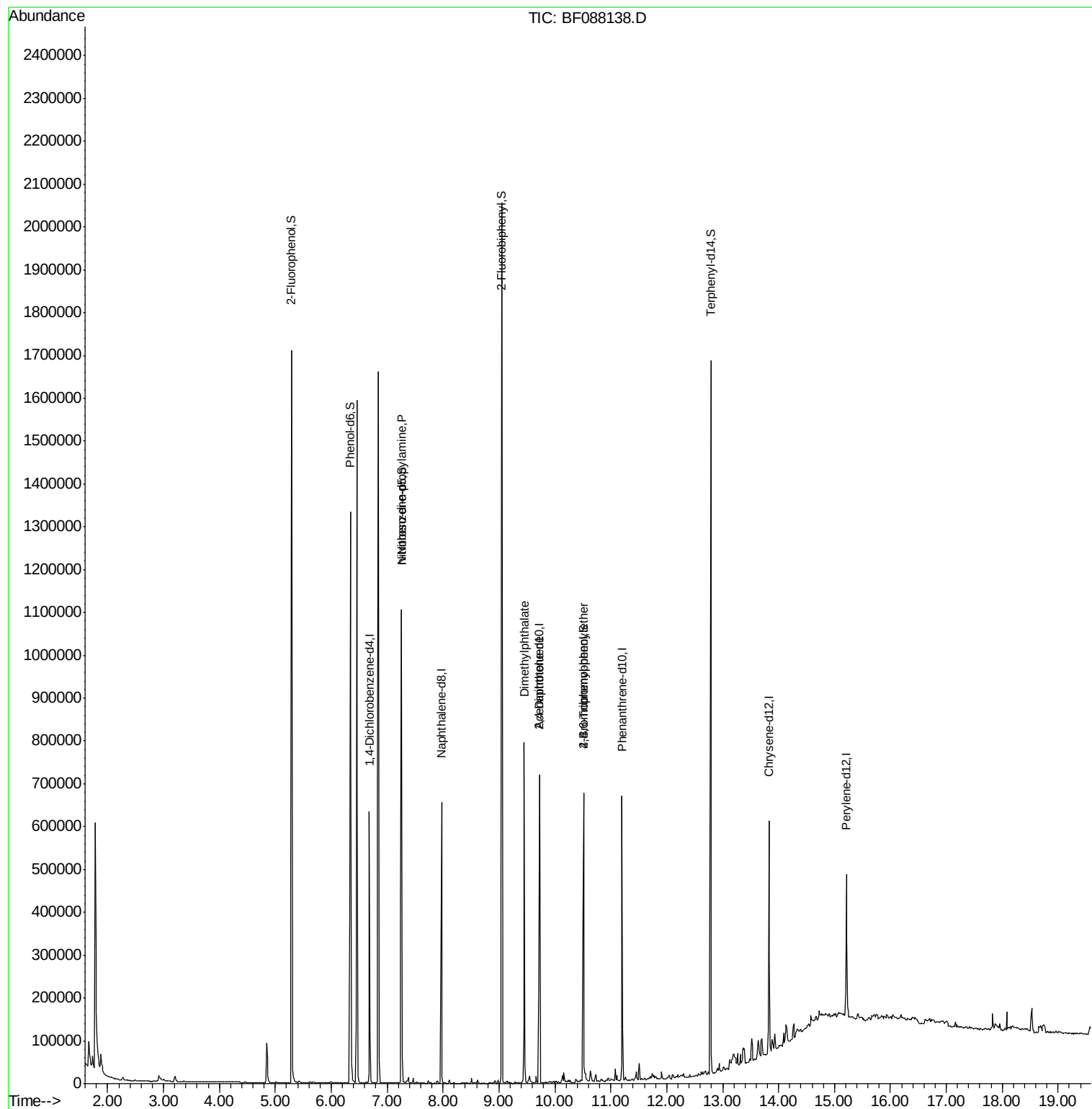
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94764	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	361927	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	146431	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	226869	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	189139	20.00	ng	-0.02
86) Perylene-d12	15.21	264	146576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	530723	95.74	ng	0.01
7) Phenol-d6	6.34	99	661346	98.44	ng	-0.01
23) Nitrobenzene-d5	7.26	82	381191	61.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	97036	62.76	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	677222	71.79	ng	-0.02
78) Terphenyl-d14	12.79	244	547240	65.84	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	4594	Below Cal		Qvalue 88
19) n-Nitroso-di-n-propylamine	7.26	70	49572	11.53 ng	#	70
45) 1,1'-Biphenyl	9.05	154	1007	Below Cal	#	1
49) Dimethylphthalate	9.45	163	315991	29.79 ng		99
56) 2,4-Dinitrotoluene	9.72	165	18561	5.95 ng	#	36
57) Fluorene	10.51	166	5023	Below Cal	#	84
66) 4-Bromophenyl-phenylether	10.51	248	6420	2.64 ng	#	1

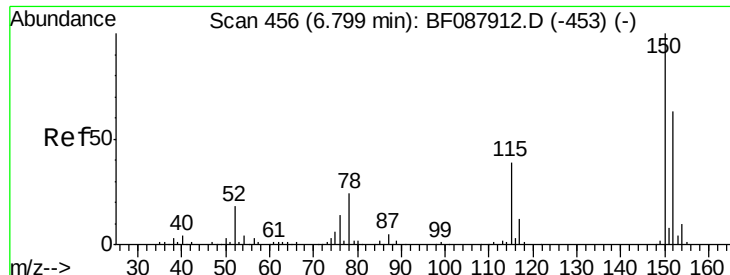
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Instrument :

BNA_F

ClientSampleId :

SB11-1-3

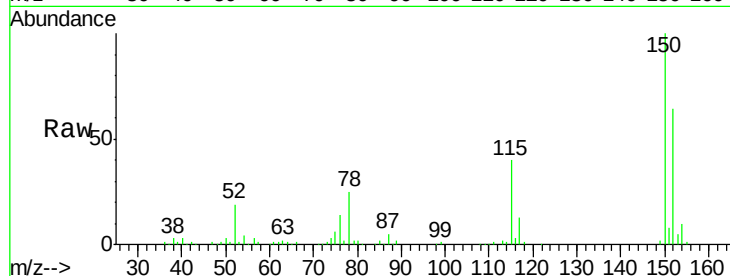
Tgt Ion:152 Resp: 94764

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

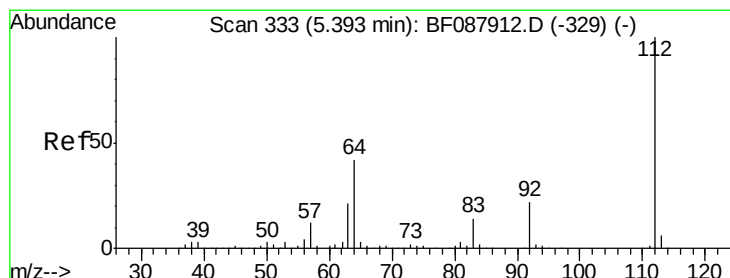
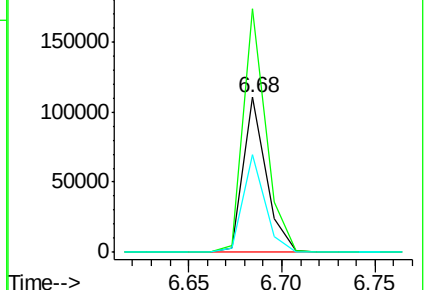
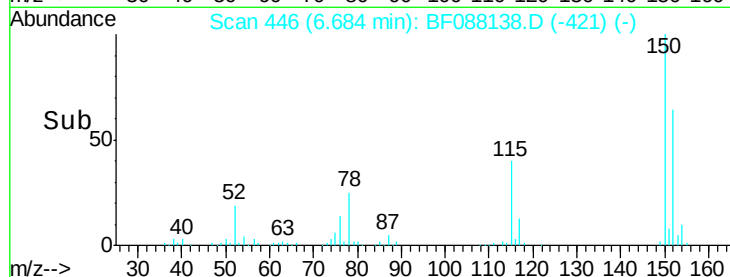
115 63.0 39.6 59.4#



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: 95.74 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

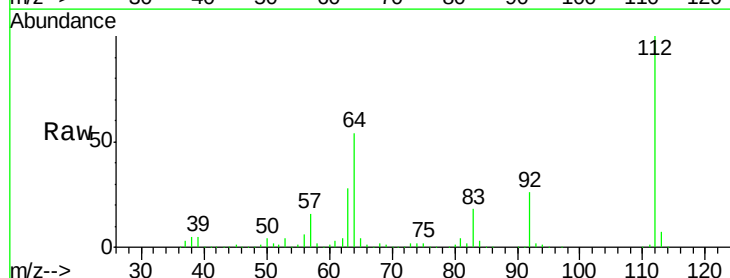
Tgt Ion:112 Resp: 530723

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

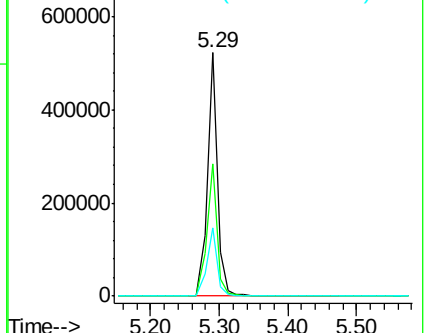
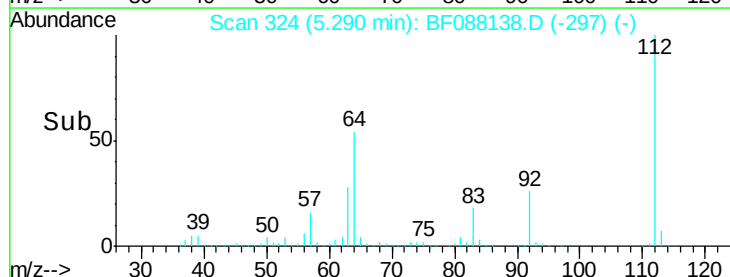
63 28.0 21.8 32.8

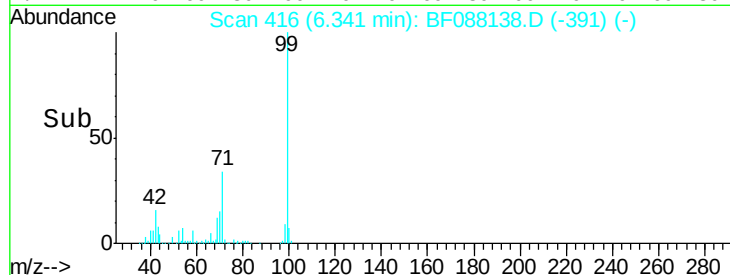
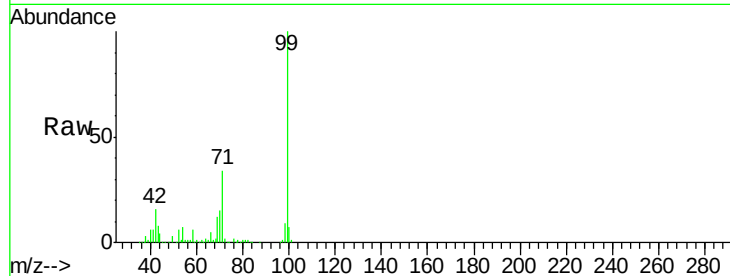
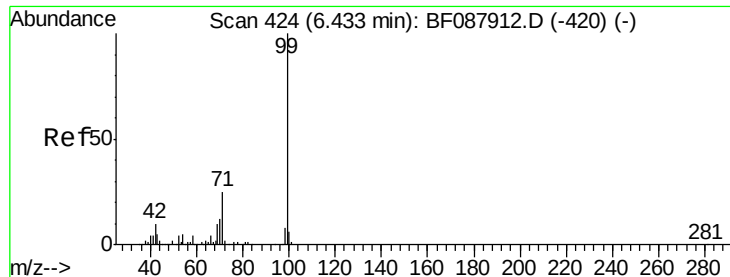


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.44 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Instrument :

BNA_F

ClientSampleId :

SB11-1-3

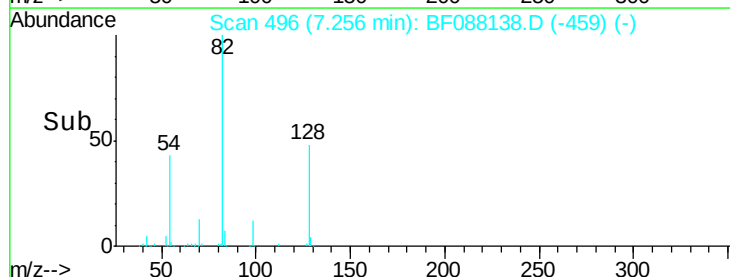
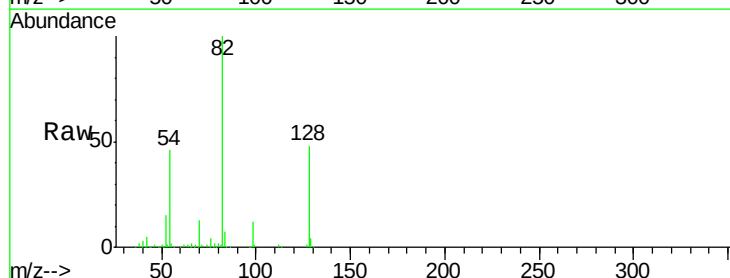
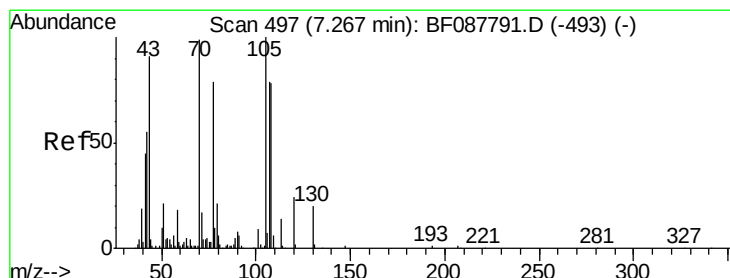
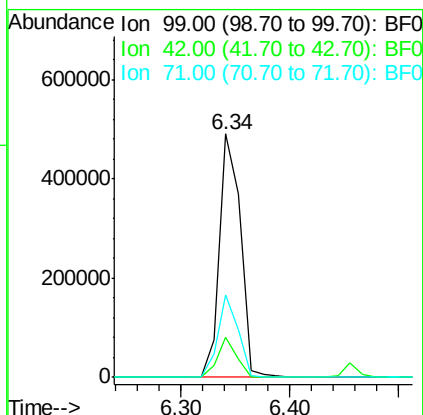
Tgt Ion: 99 Resp: 661346

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 33.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.53 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.13 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Tgt Ion: 70 Resp: 49572

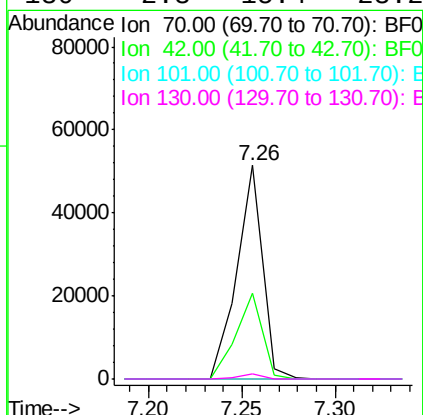
Ion Ratio Lower Upper

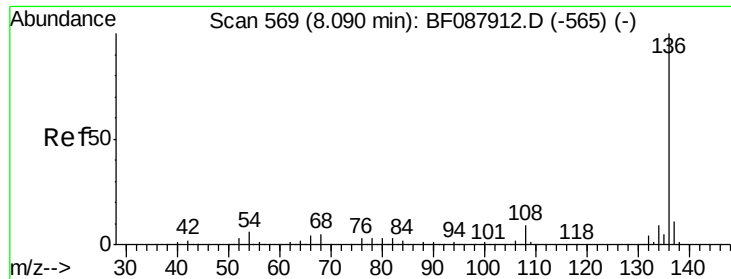
70 100

42 40.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

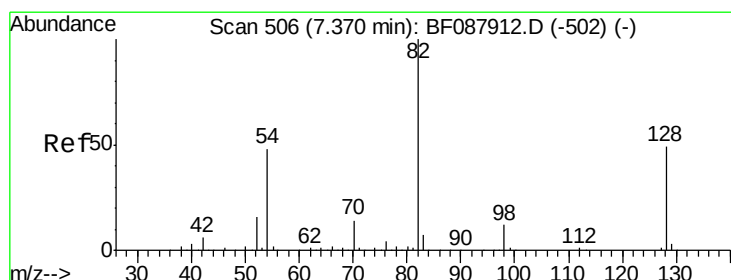
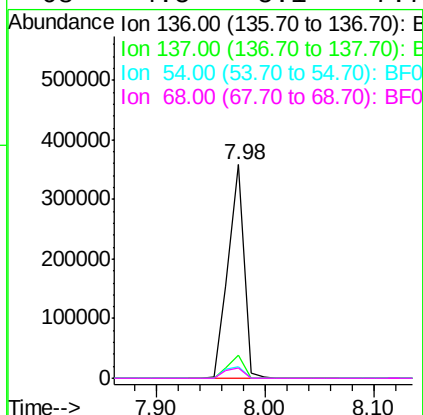
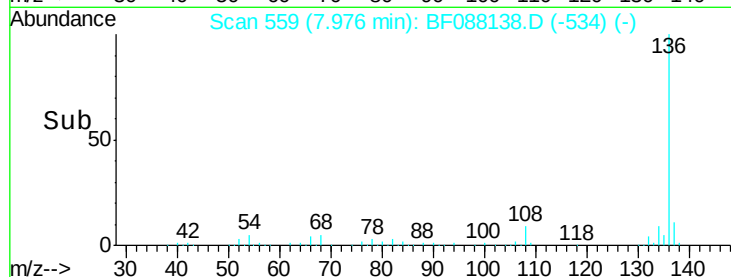
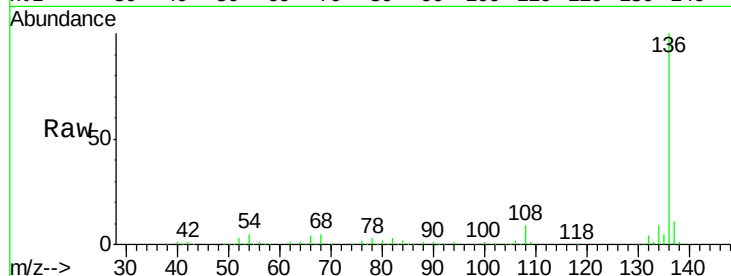




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088138.D
Acq: 18 Jun 2016 17:10

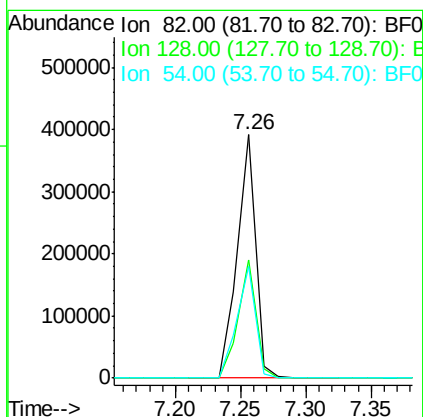
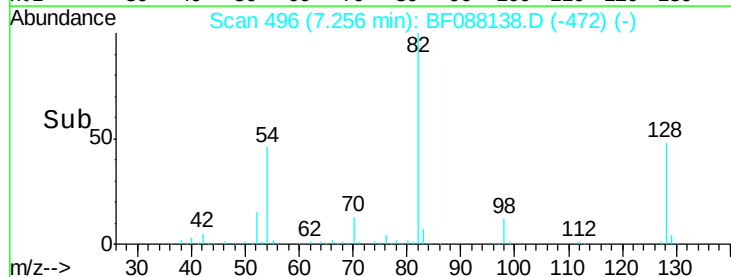
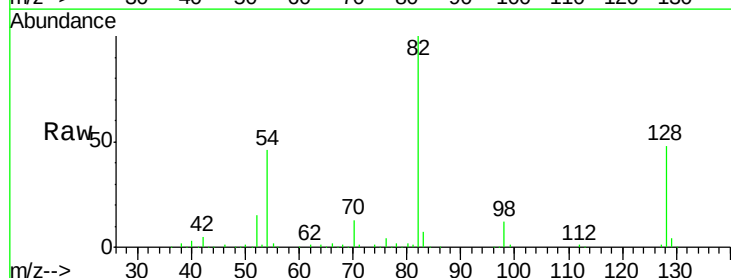
Instrument :
BNA_F
ClientSampleId :
SB11-1-3

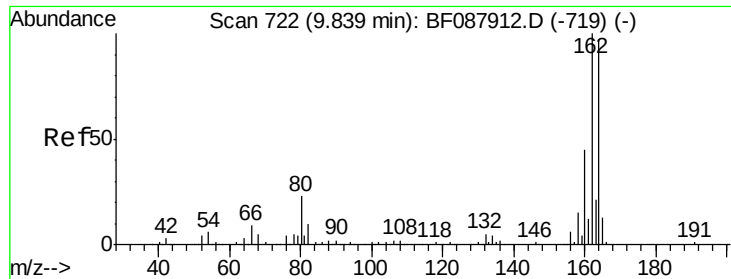
Tgt Ion:	136	Resp:	361927
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.3	6.6	10.0#
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 61.50 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088138.D
Acq: 18 Jun 2016 17:10

Tgt Ion:	82	Resp:	381191
Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.9	53.9
54	45.7	40.9	61.3

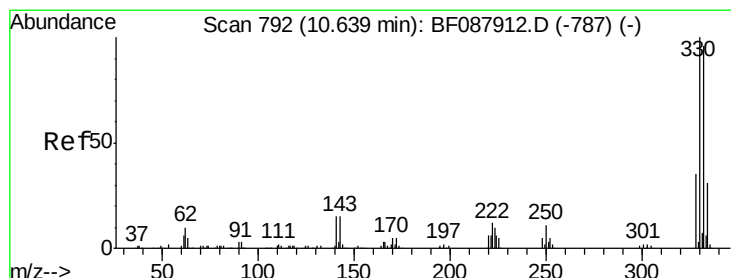
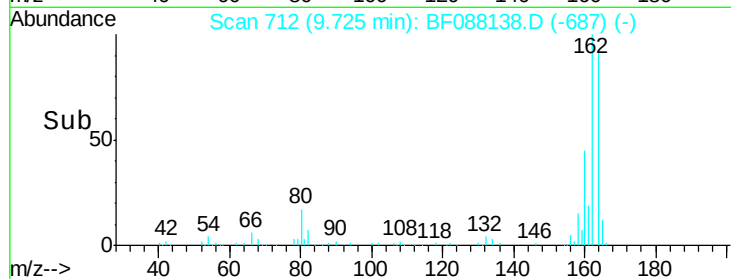
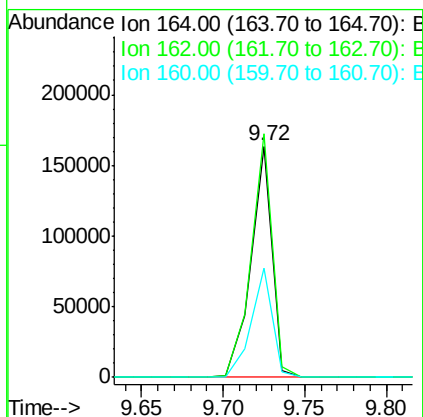
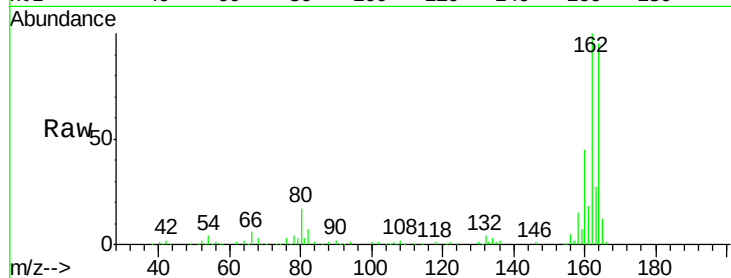




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088138.D
Acq: 18 Jun 2016 17:10

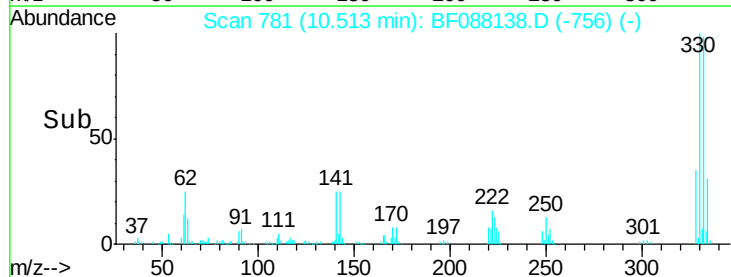
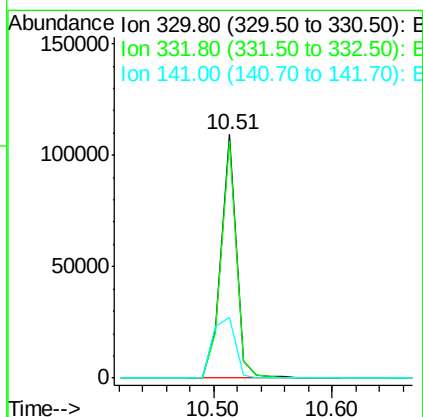
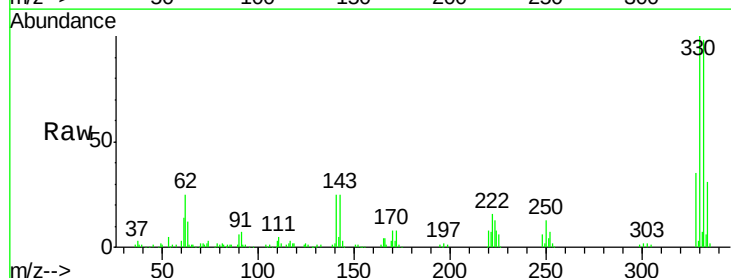
Instrument :
BNA_F
ClientSampleId :
SB11-1-3

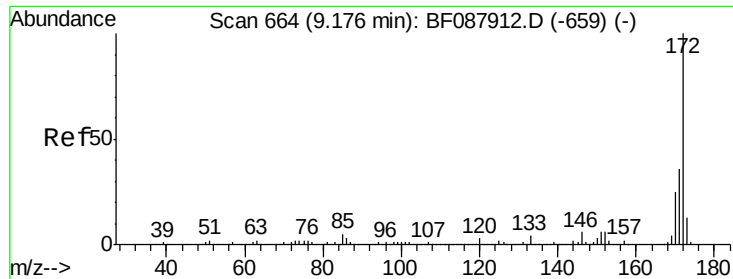
Tgt Ion:164 Resp: 146431
Ion Ratio Lower Upper
164 100
162 105.4 85.4 128.2
160 47.3 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 62.76 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088138.D
Acq: 18 Jun 2016 17:10

Tgt Ion:330 Resp: 97036
Ion Ratio Lower Upper
330 100
332 97.1 0.0 0.0#
141 37.2 0.0 0.0#

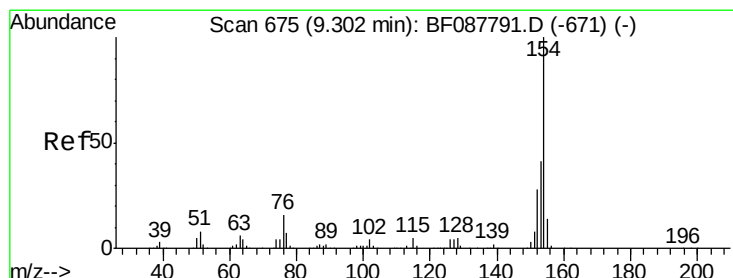
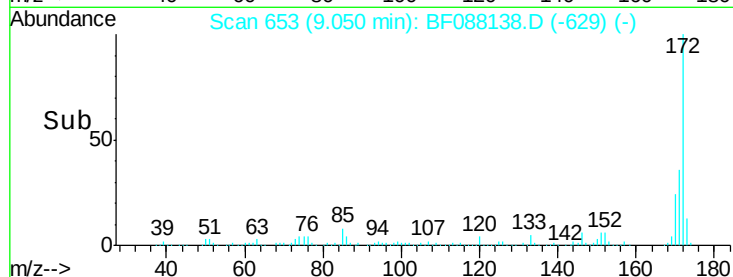
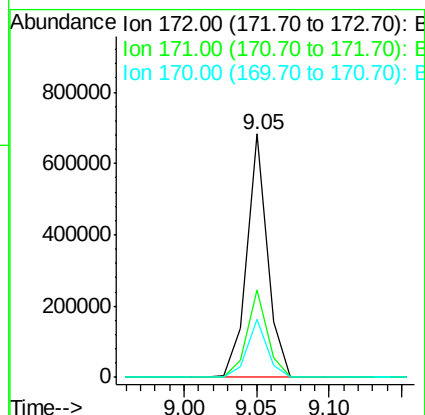
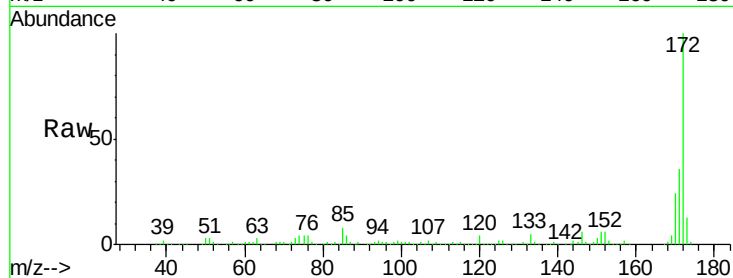




#44
 2-Fluorobiphenyl
 Concen: 71.79 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088138.D
 Acq: 18 Jun 2016 17:10

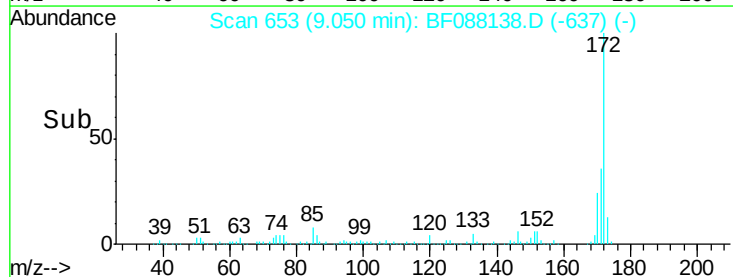
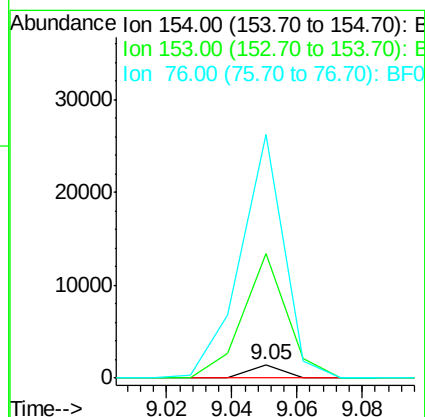
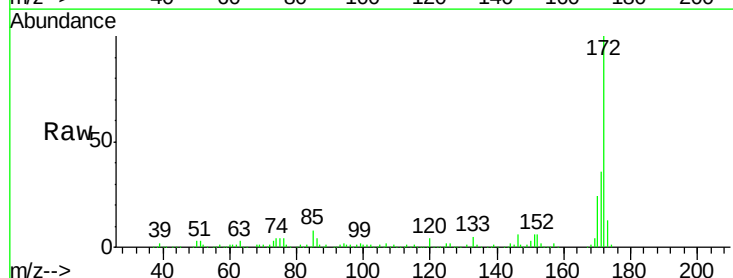
Instrument :
 BNA_F
 ClientSampleId :
 SB11-1-3

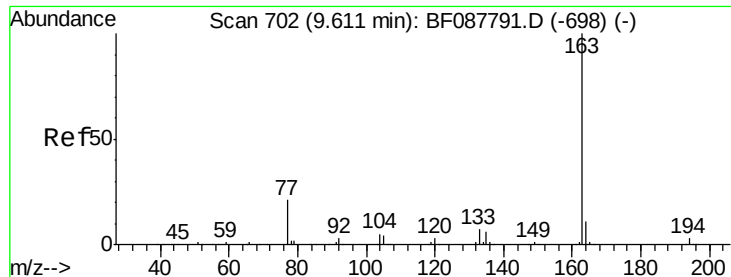
Tgt Ion:172 Resp: 677222
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.05 min Scan# 653
 Delta R.T. -0.11 min
 Lab File: BF088138.D
 Acq: 18 Jun 2016 17:10

Tgt Ion:154 Resp: 1007
 Ion Ratio Lower Upper
 154 100
 153 915.5 20.6 60.6#
 76 1785.8 0.0 35.1#





#49

Dimethylphthalate

Concen: 29.79 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Instrument :

BNA_F

ClientSampleId :

SB11-1-3

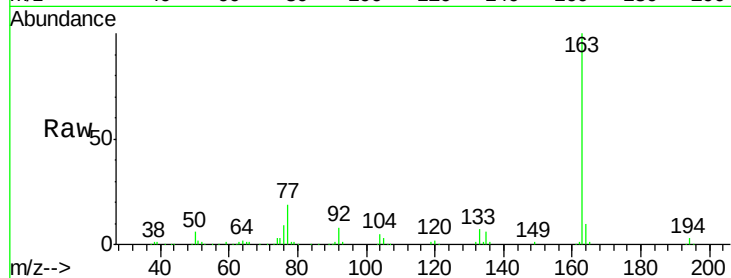
Tgt Ion:163 Resp: 315991

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

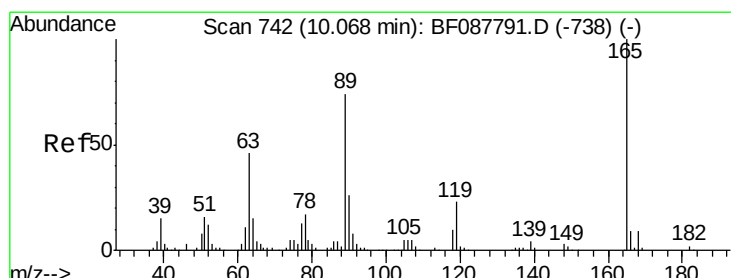
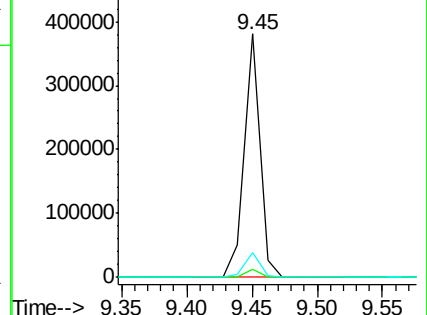
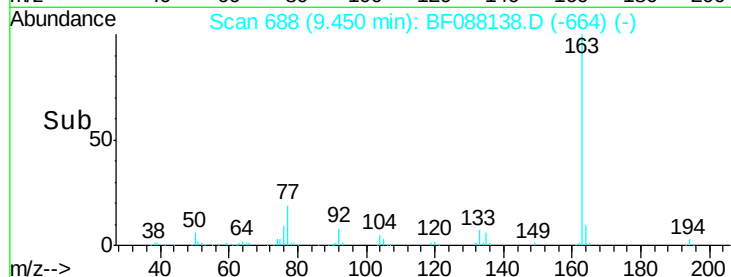
164 10.2 8.3 12.5



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: 5.95 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Tgt Ion:165 Resp: 18561

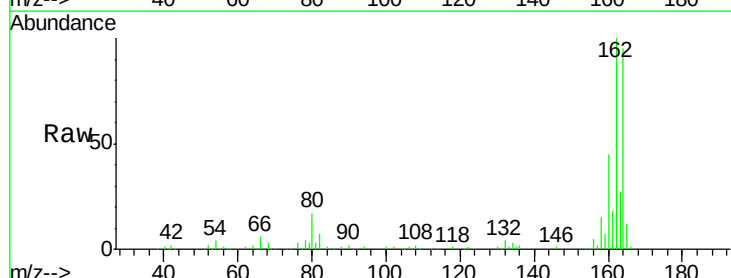
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

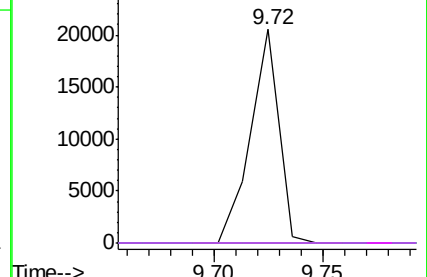
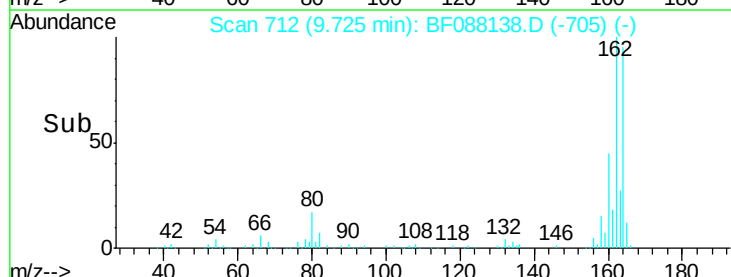


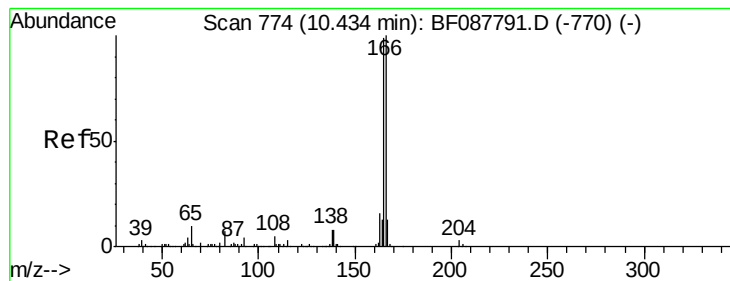
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.51 min Scan# 781

Delta R.T. 0.23 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Instrument :

BNA_F

ClientSampleId :

SB11-1-3

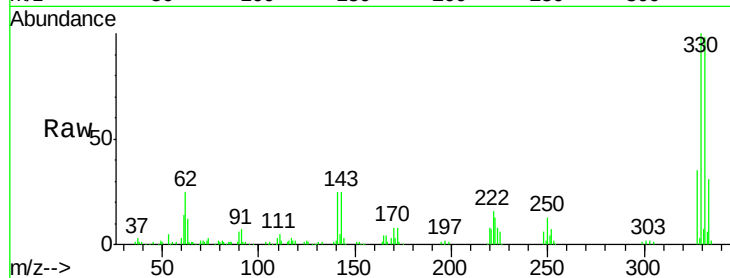
Tgt Ion:166 Resp: 5023

Ion Ratio Lower Upper

166 100

165 108.7 77.8 116.8

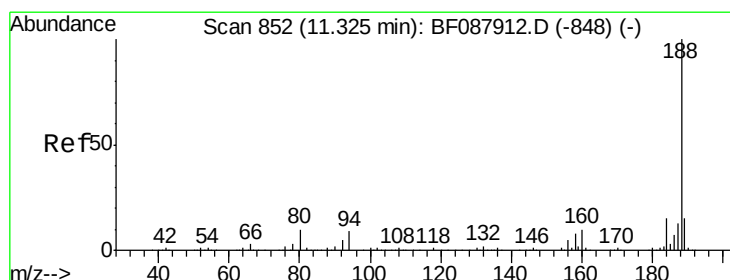
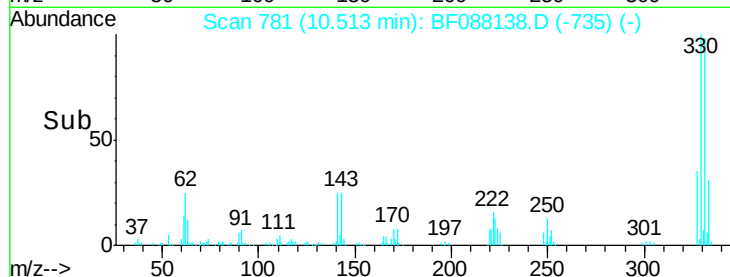
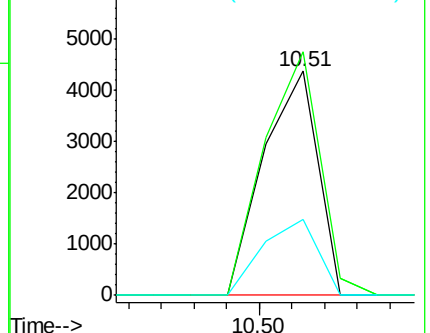
167 34.0 11.2 16.8#



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

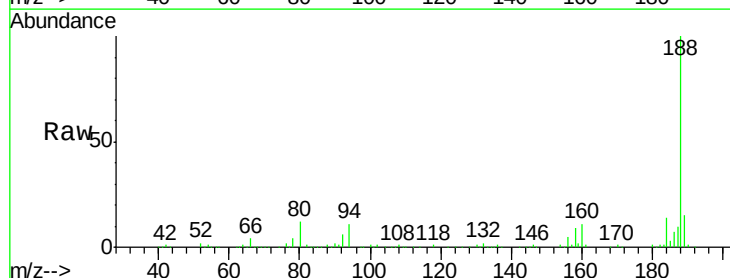
Tgt Ion:188 Resp: 226869

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

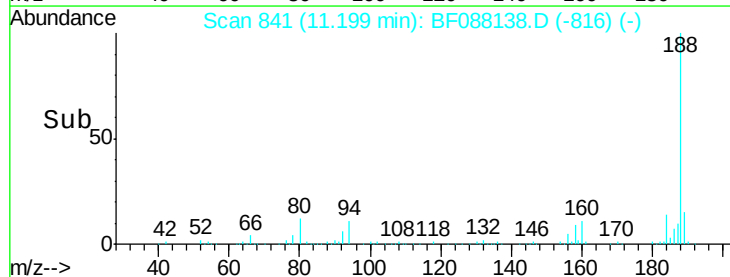
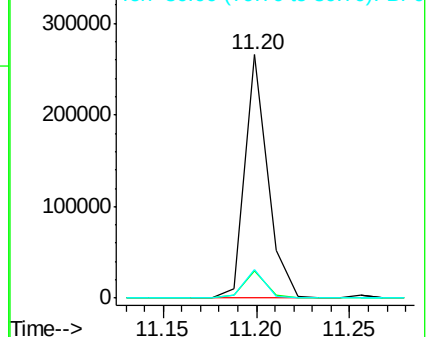
80 11.6 10.0 15.0

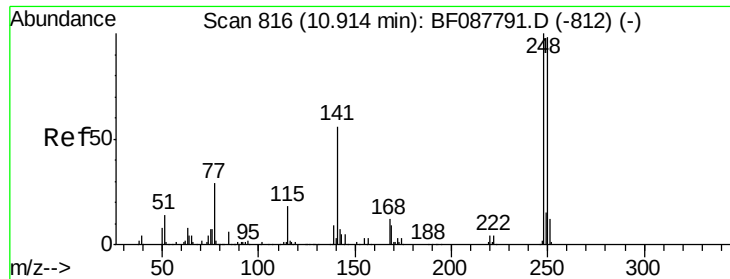


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

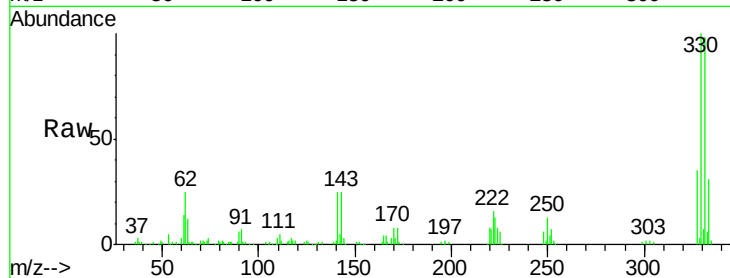




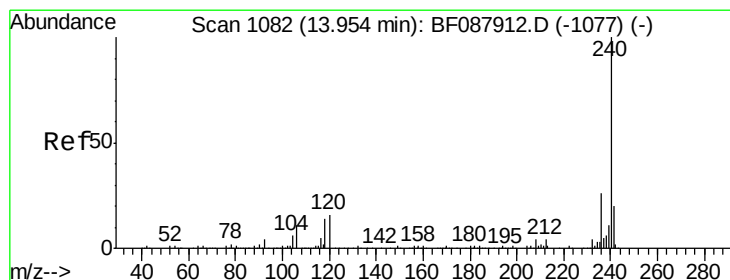
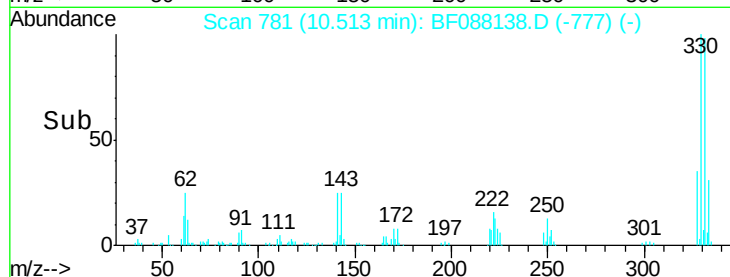
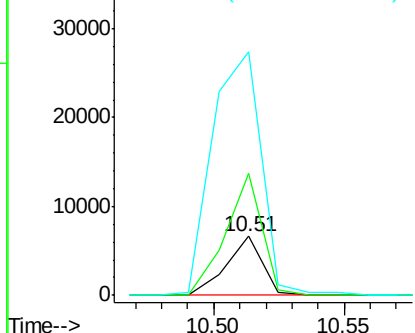
#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088138.D
Acq: 18 Jun 2016 17:10

Instrument :
BNA_F
ClientSampleId :
SB11-1-3

Tgt Ion:248 Resp: 6420
Ion Ratio Lower Upper
248 100
250 207.5 77.1 115.7#
141 413.1 50.6 76.0#

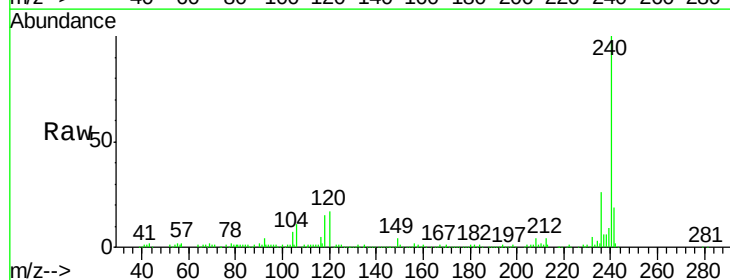


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

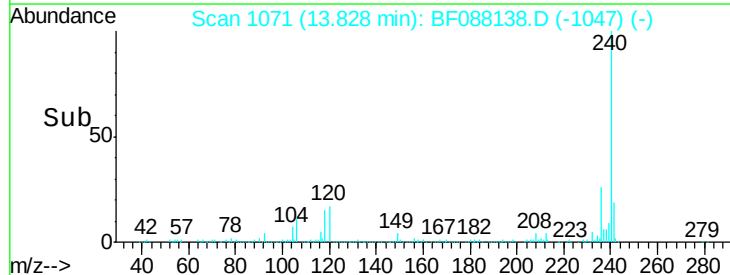
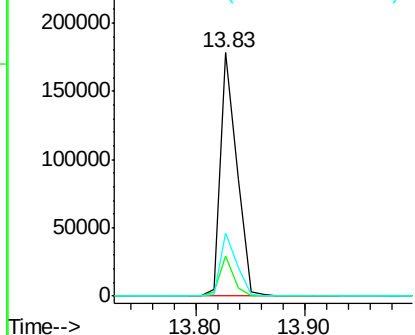


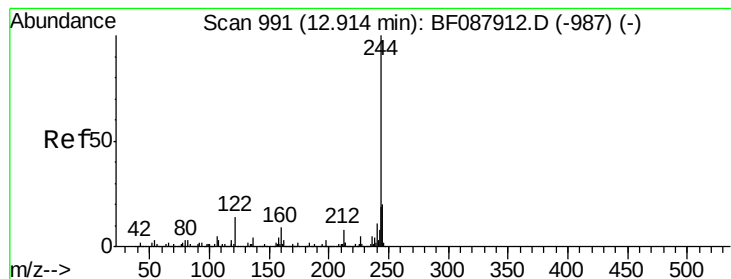
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088138.D
Acq: 18 Jun 2016 17:10

Tgt Ion:240 Resp: 189139
Ion Ratio Lower Upper
240 100
120 16.6 6.8 10.2#
236 25.7 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: 65.84 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

Instrument :

BNA_F

ClientSampleId :

SB11-1-3

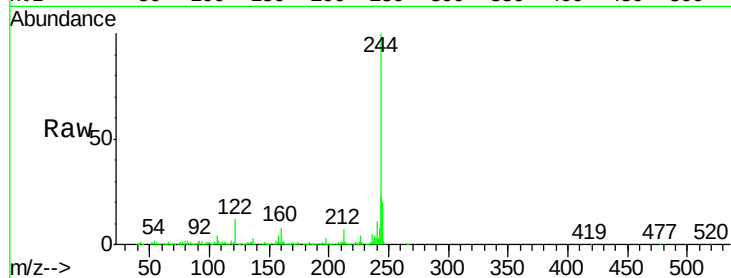
Tgt Ion:244 Resp: 547240

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

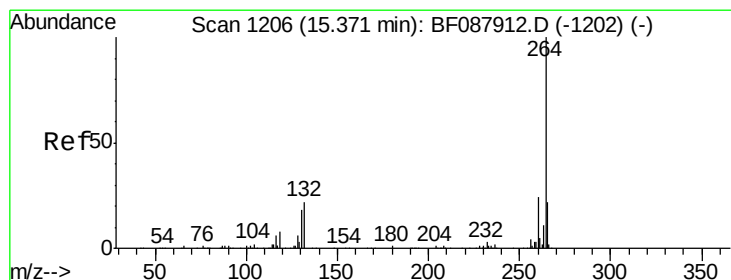
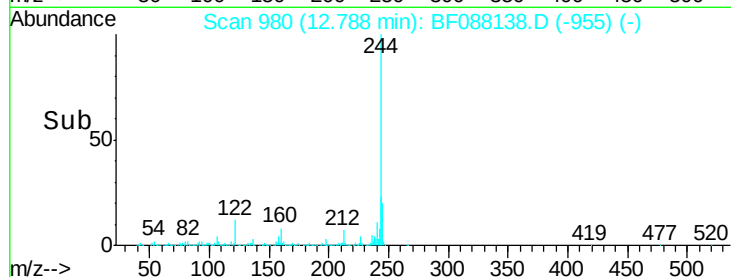
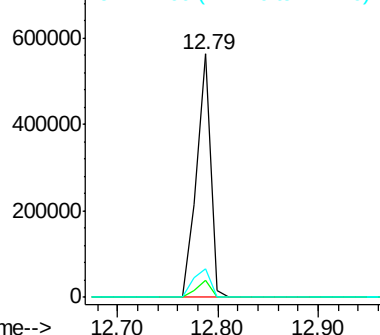
122 11.6 11.2 16.8



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

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF088138.D

Acq: 18 Jun 2016 17:10

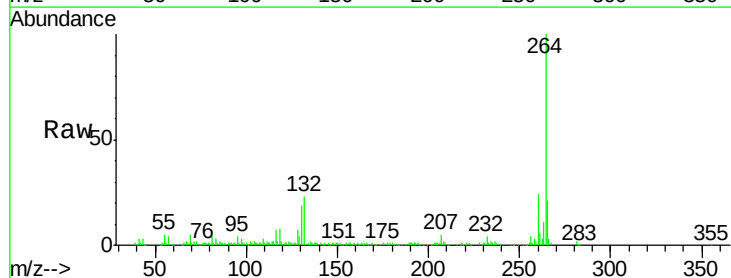
Tgt Ion:264 Resp: 146576

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.1 16.9 25.3



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

