

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088134.D
 Acq On : 18 Jun 2016 15:14
 Operator : UM/SJ
 Sample : H3501-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED1-0-6

Quant Time: Jun 19 07:43:56 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

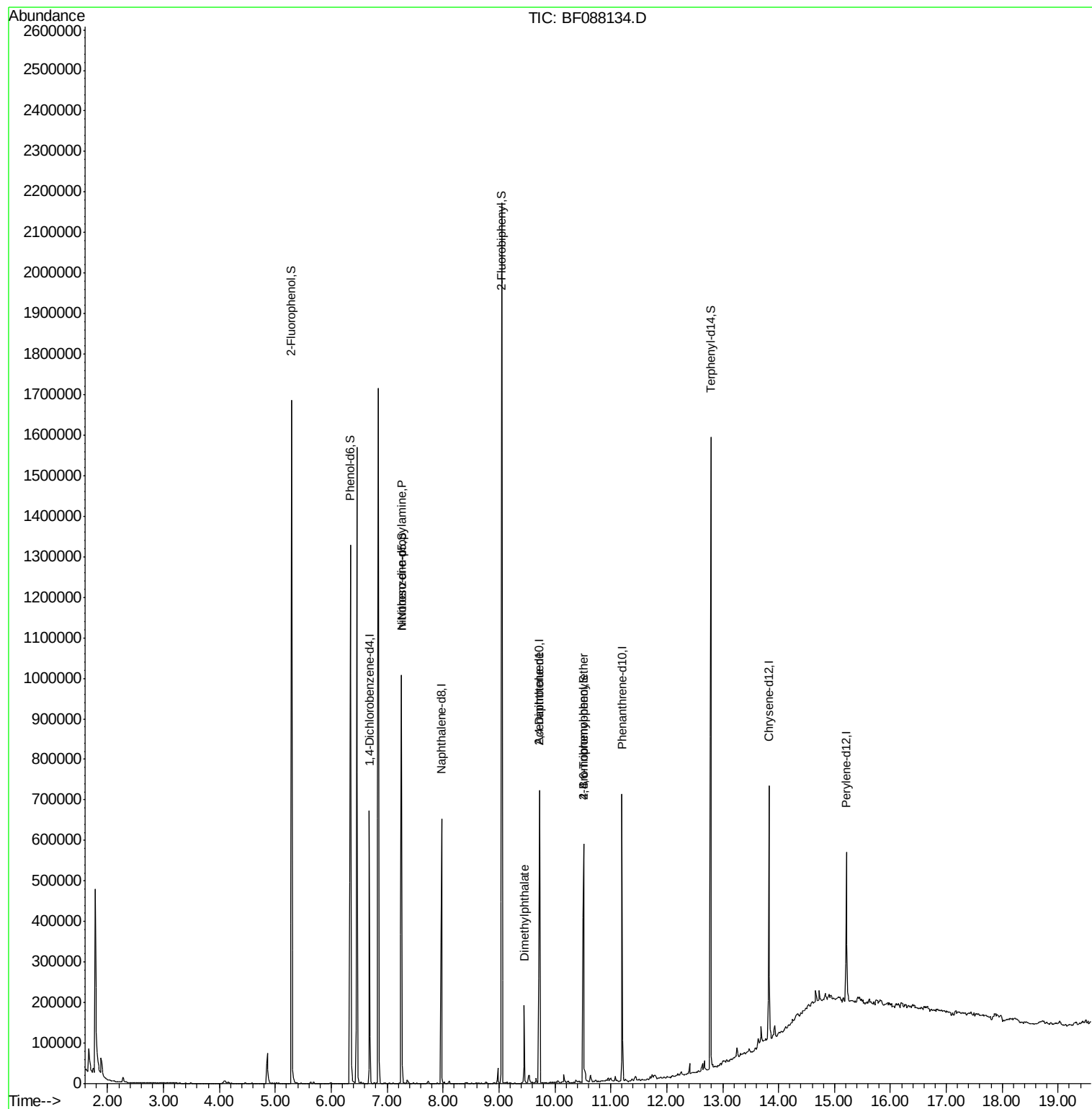
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	99464	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	368794	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	153846	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	235436	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	202874	20.00	ng	-0.02
86) Perylene-d12	15.21	264	154957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	523287	89.94	ng	0.01
7) Phenol-d6	6.34	99	694741	98.53	ng	-0.01
23) Nitrobenzene-d5	7.26	82	350869	55.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	90689	55.83	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	683162	68.70	ng	-0.02
78) Terphenyl-d14	12.79	244	554423	62.19	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	4330	Below Cal		Qvalue 86
19) n-Nitroso-di-n-propylamine	7.26	70	45096	10.00 ng	#	71
45) 1,1'-Biphenyl	9.05	154	1301	Below Cal	#	1
49) Dimethylphthalate	9.45	163	81678	7.33 ng		99
56) 2,4-Dinitrotoluene	9.72	165	19768	6.03 ng	#	36
57) Fluorene	10.51	166	4521	Below Cal	#	82
66) 4-Bromophenyl-phenylether	10.51	248	5912	2.34 ng	#	1

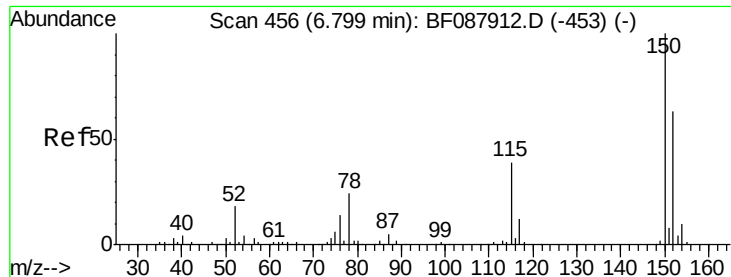
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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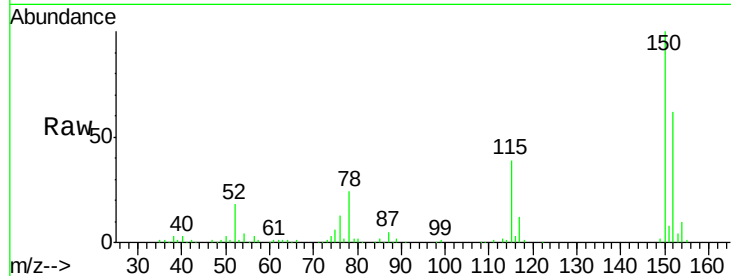


#1

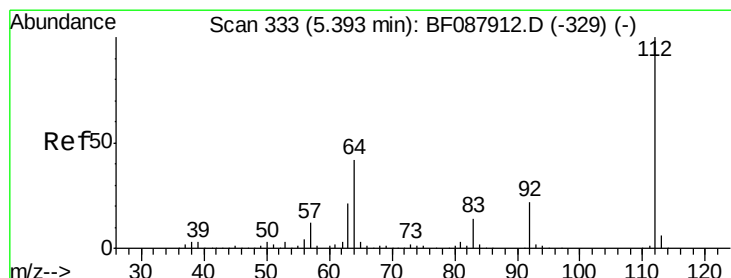
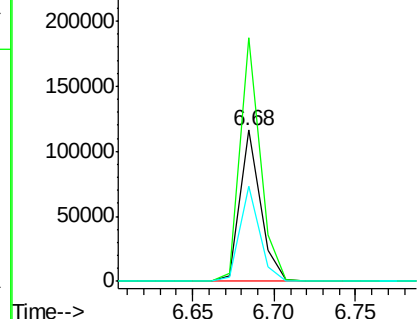
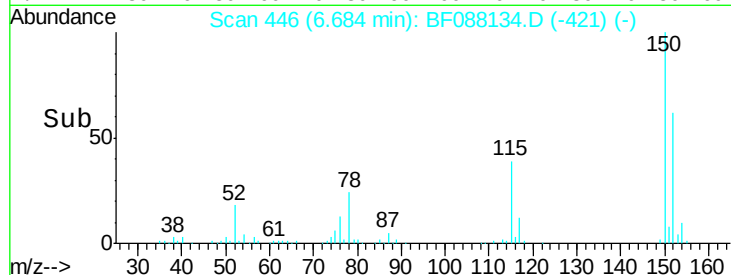
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF088134.D
 Acq: 18 Jun 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SED1-0-6

Tgt Ion:152 Resp: 99464
 Ion Ratio Lower Upper
 152 100
 150 161.1 123.8 185.6
 115 63.3 39.6 59.4#



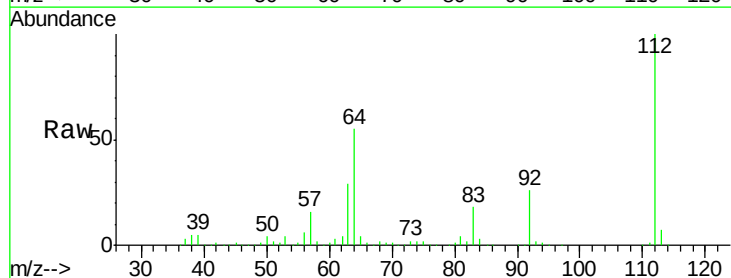
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



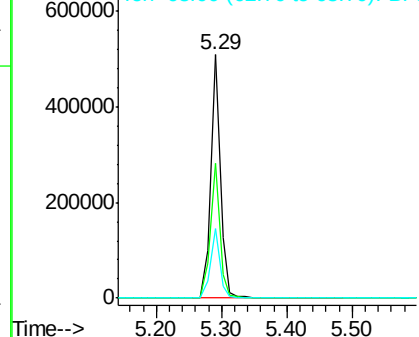
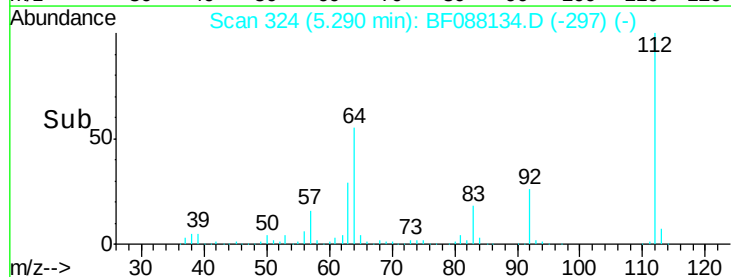
#5

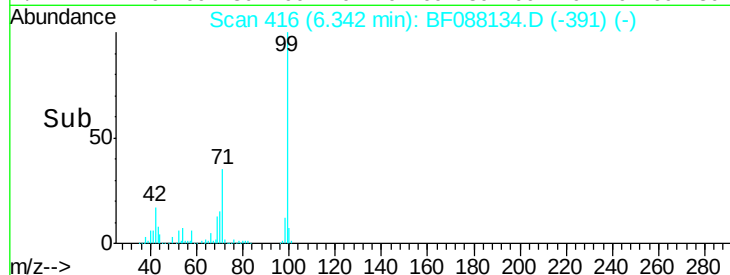
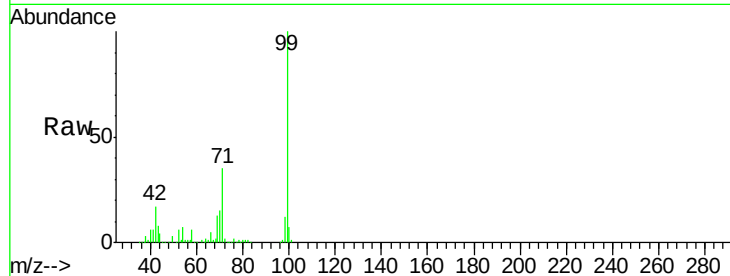
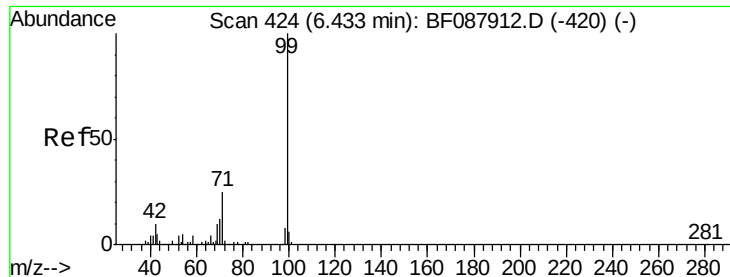
2-Fluorophenol
 Concen: 89.94 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: BF088134.D
 Acq: 18 Jun 2016 15:14

Tgt Ion:112 Resp: 523287
 Ion Ratio Lower Upper
 112 100
 64 55.4 42.2 63.2
 63 28.5 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: 98.53 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088134.D

Acq: 18 Jun 2016 15:14

Instrument :

BNA_F

ClientSampleId :

SED1-0-6

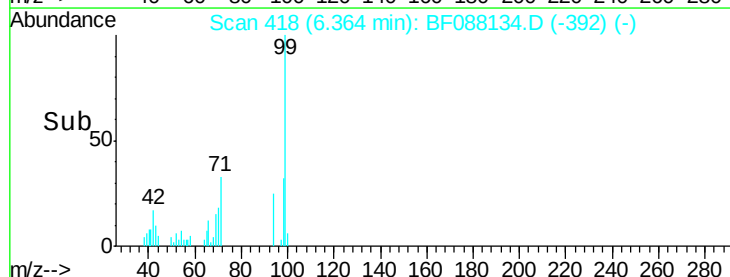
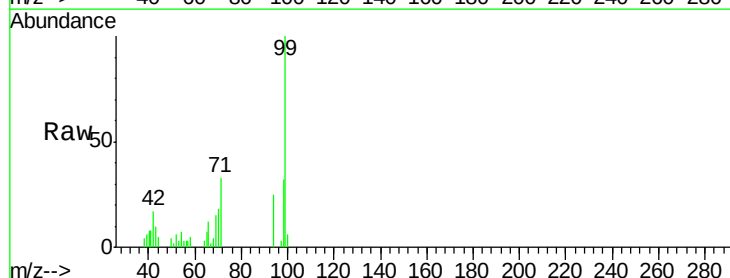
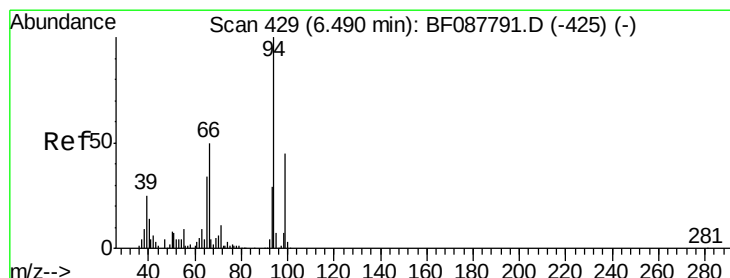
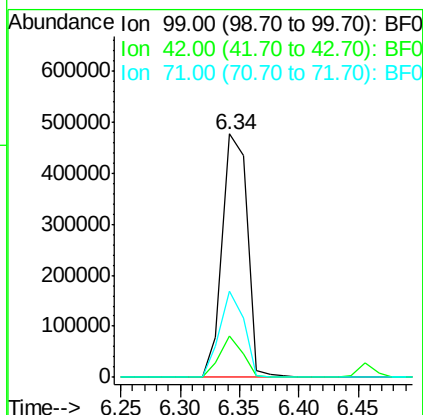
Tgt Ion: 99 Resp: 694741

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 35.5 23.4 35.0#



#10

Phenol

Concen: Below Cal

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088134.D

Acq: 18 Jun 2016 15:14

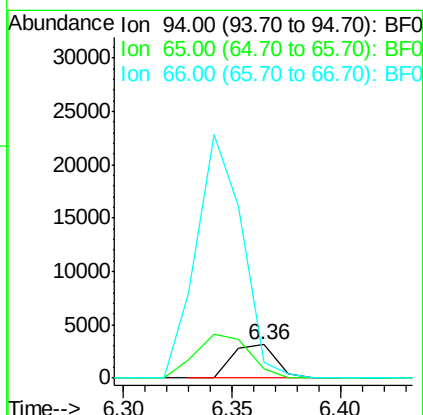
Tgt Ion: 94 Resp: 4330

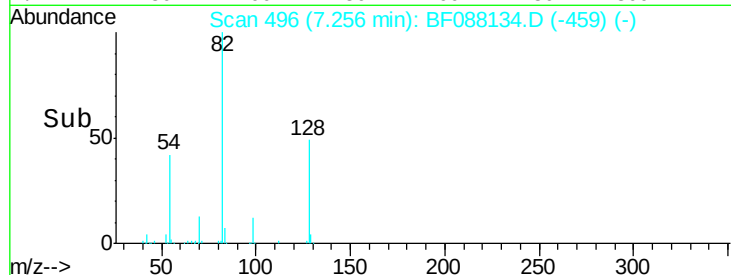
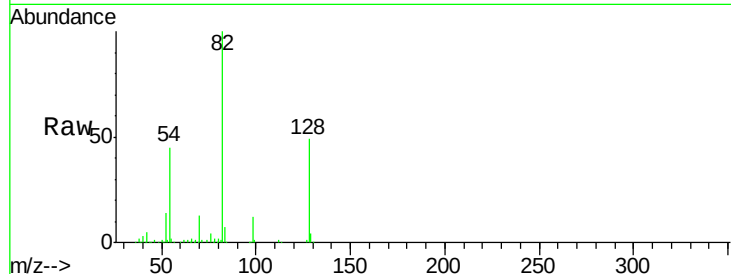
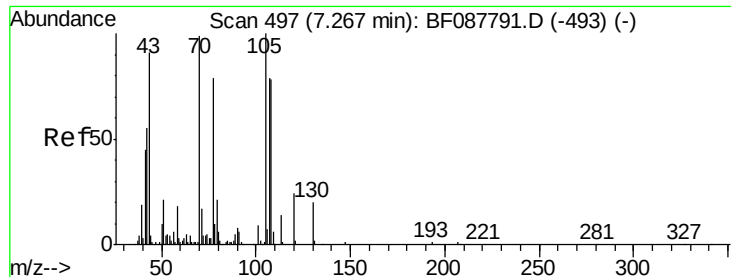
Ion Ratio Lower Upper

94 100

65 26.7 5.9 45.9

66 47.2 14.0 54.0

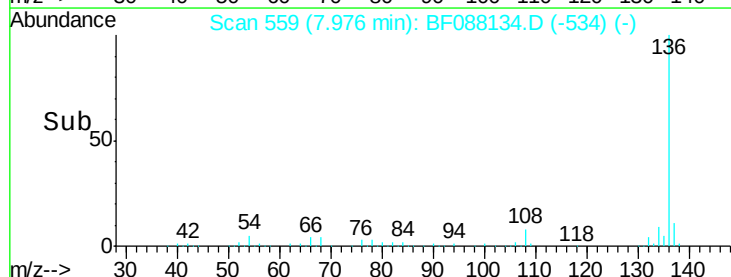
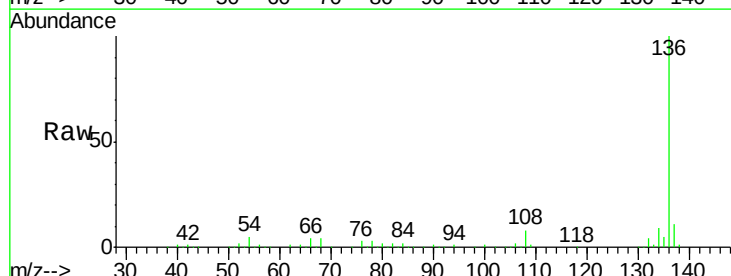
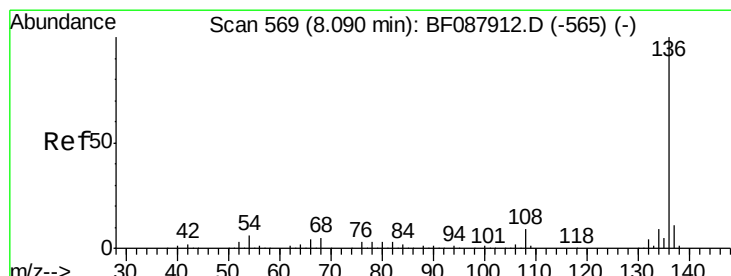
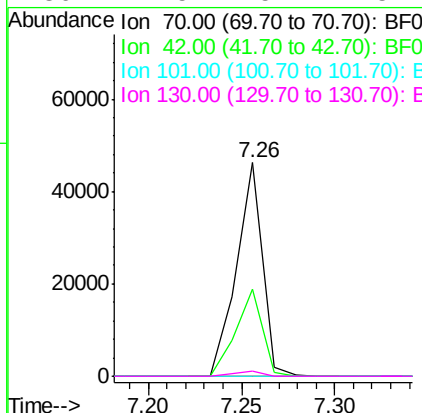




#19
n-Nitroso-di-n-propylamine
Concen: 10.00 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088134.D
Acq: 18 Jun 2016 15:14

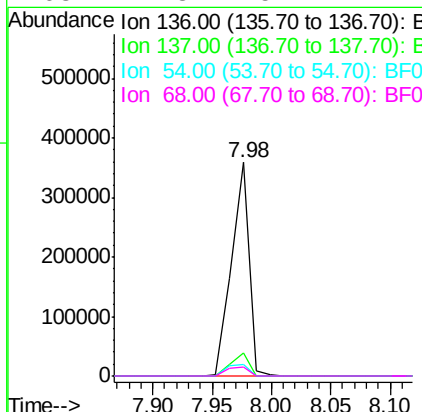
Instrument :
BNA_F
ClientSampleId :
SED1-0-6

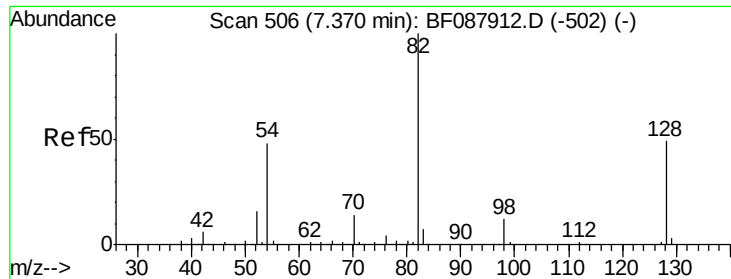
Tgt Ion:	70	Resp:	45096
Ion Ratio	Lower	Upper	
70	100		
42	40.7	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088134.D
Acq: 18 Jun 2016 15:14

Tgt Ion:	136	Resp:	368794
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	5.1	6.6	10.0#
68	4.3	5.1	7.7#

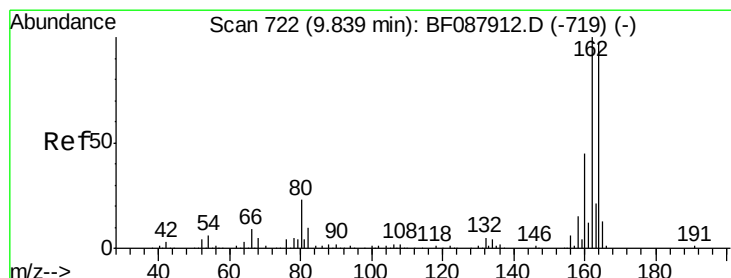
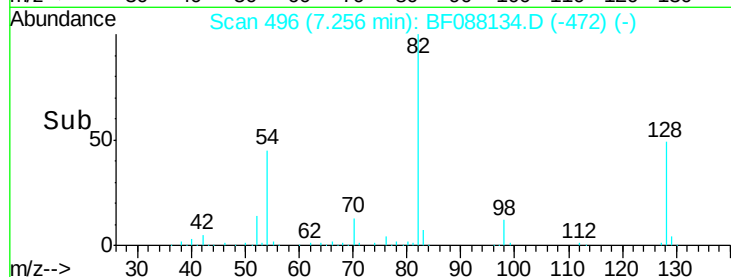
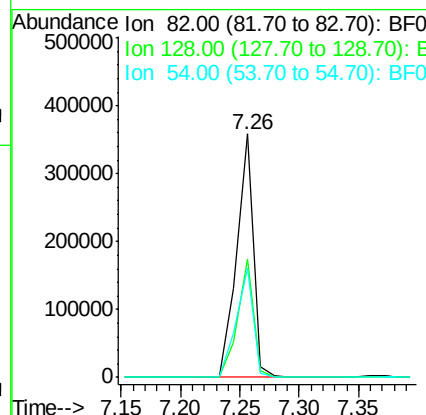
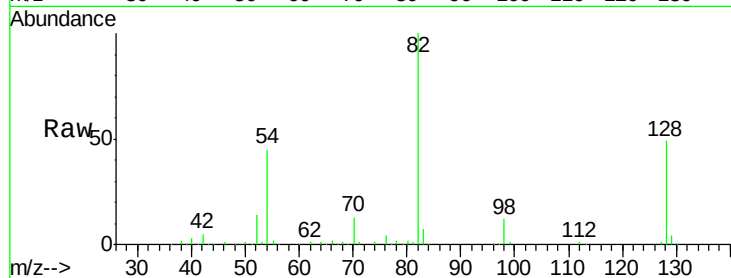




#23
 Nitrobenzene-d5
 Concen: 55.56 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088134.D
 Acq: 18 Jun 2016 15:14

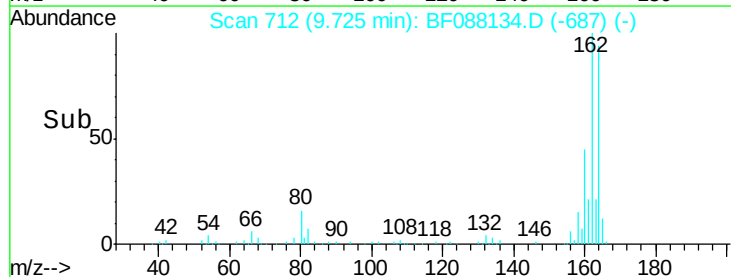
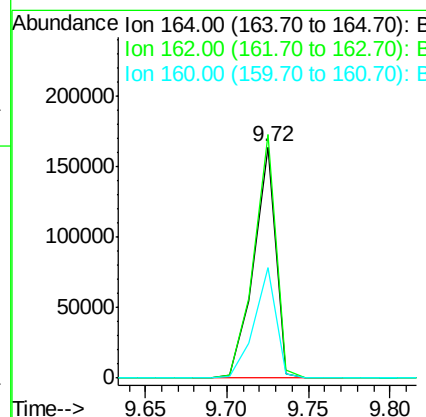
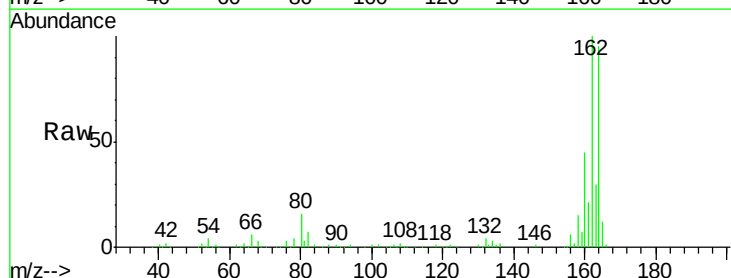
Instrument :
 BNA_F
 ClientSampled :
 SED1-0-6

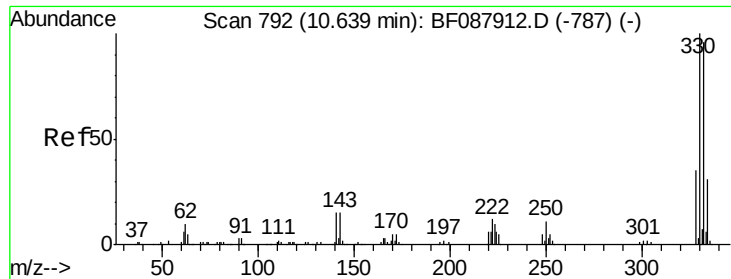
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.9	53.9
54	45.0	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088134.D
 Acq: 18 Jun 2016 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	47.7	39.5	59.3

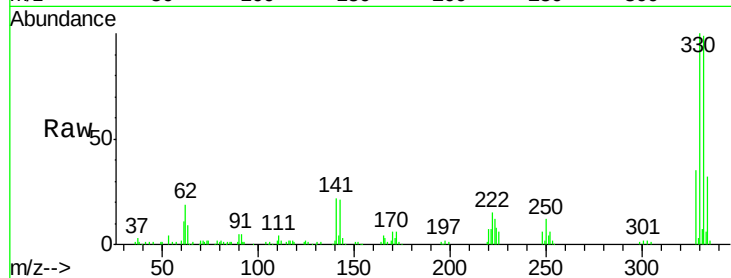




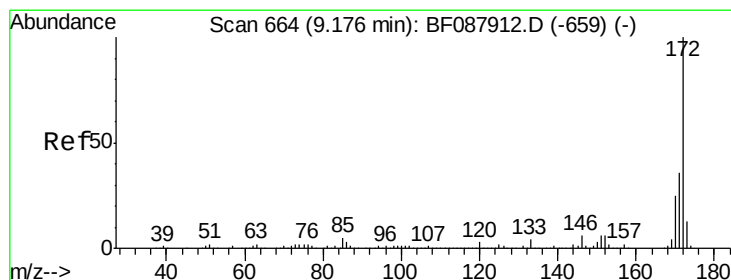
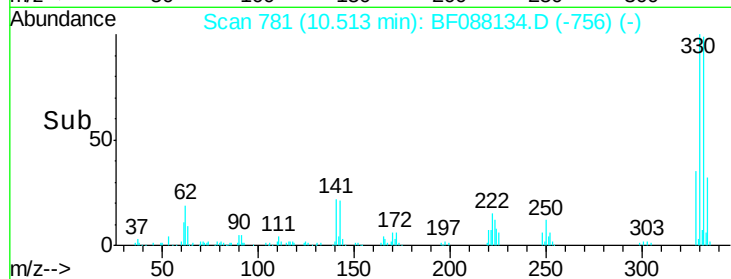
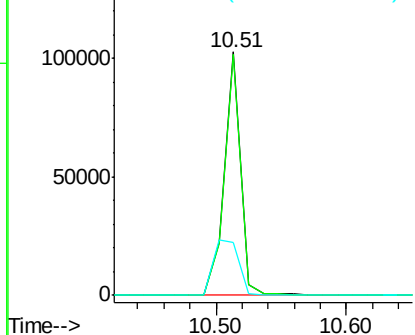
#41
 2,4,6-Tribromophenol
 Concen: 55.83 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088134.D
 Acq: 18 Jun 2016 15:14

Instrument :
 BNA_F
 ClientSampled :
 SED1-0-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	36.0	0.0	0.0#

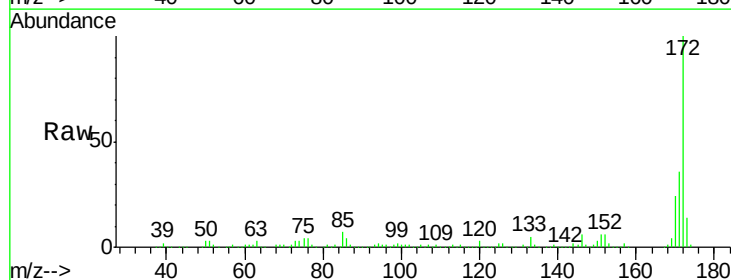


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

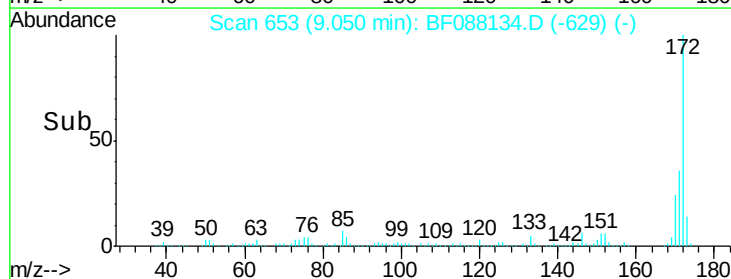
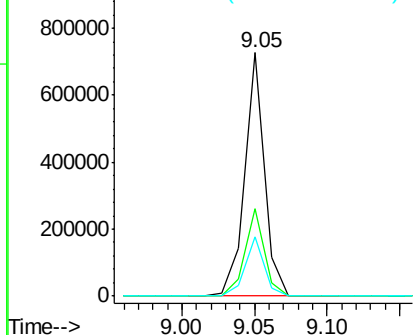


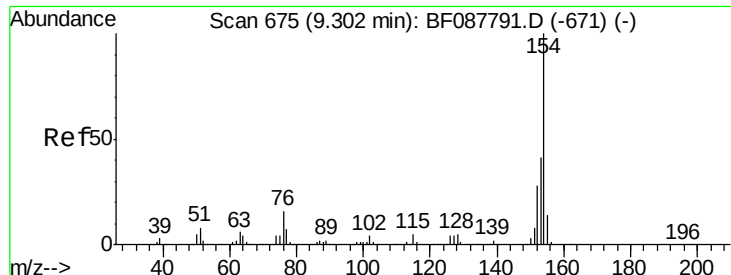
#44
 2-Fluorobiphenyl
 Concen: 68.70 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088134.D
 Acq: 18 Jun 2016 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.3	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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.05 min Scan# 653

Delta R.T. -0.11 min

Lab File: BF088134.D

Acq: 18 Jun 2016 15:14

Instrument :

BNA_F

ClientSampleId :

SED1-0-6

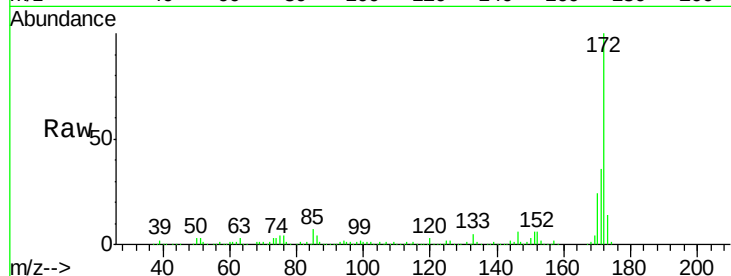
Tgt Ion:154 Resp: 1301

Ion Ratio Lower Upper

154 100

153 911.2 20.6 60.6#

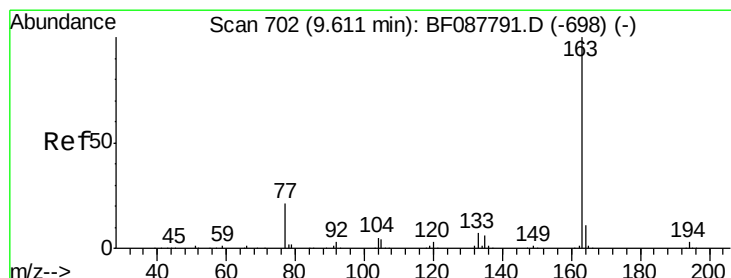
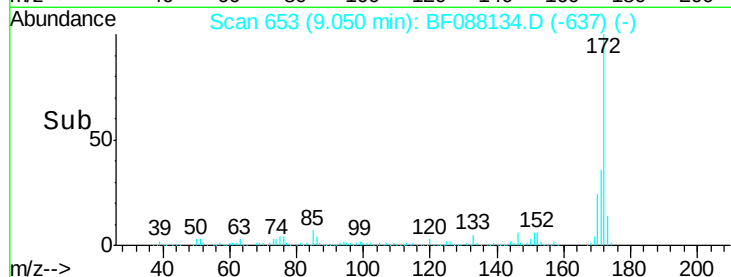
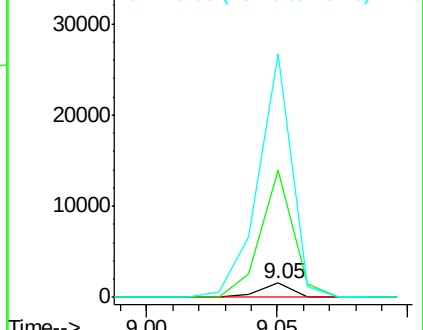
76 1751.7 0.0 35.1#



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: 7.33 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088134.D

Acq: 18 Jun 2016 15:14

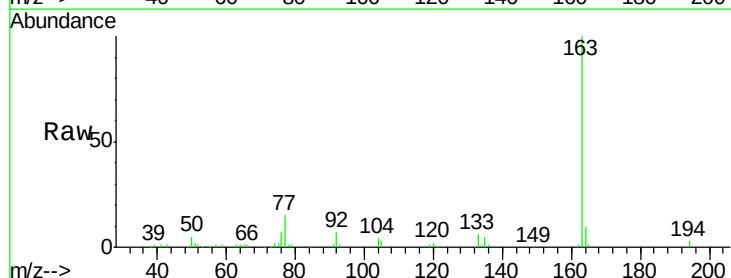
Tgt Ion:163 Resp: 81678

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

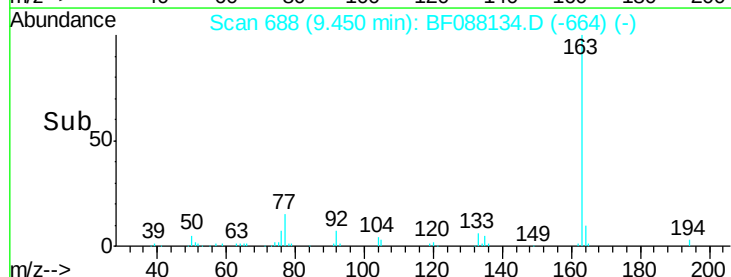
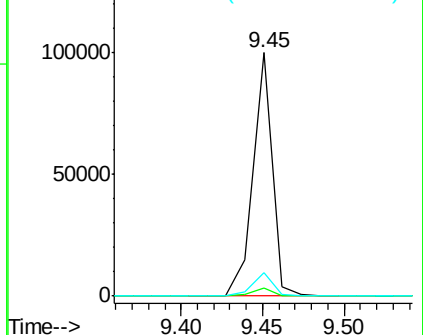
164 9.7 8.3 12.5

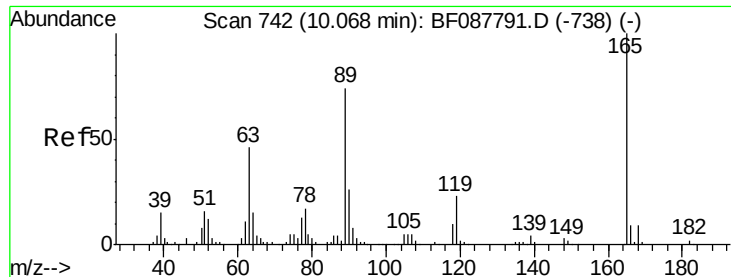


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088134.D

Acq: 18 Jun 2016 15:14

Instrument :

BNA_F

ClientSampleId :

SED1-0-6

Tgt Ion:165 Resp: 19768

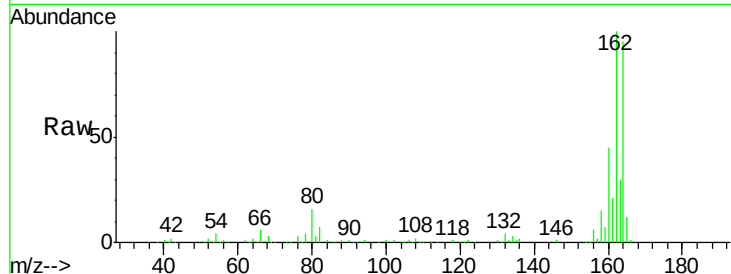
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

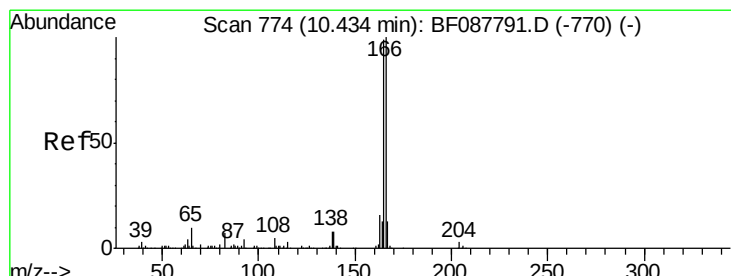
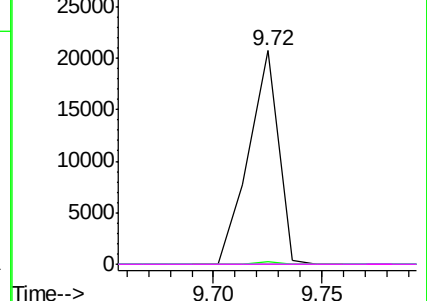
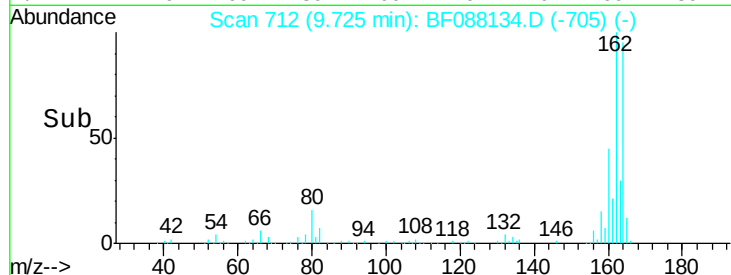


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088134.D

Acq: 18 Jun 2016 15:14

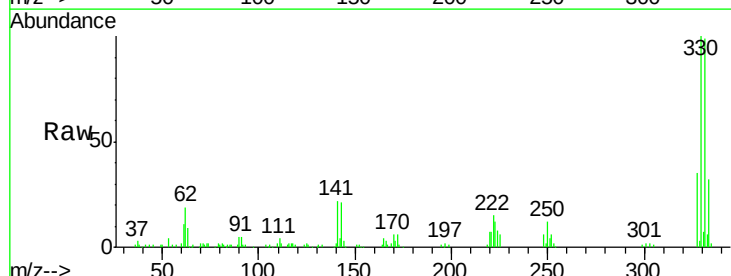
Tgt Ion:166 Resp: 4521

Ion Ratio Lower Upper

166 100

165 109.1 77.8 116.8

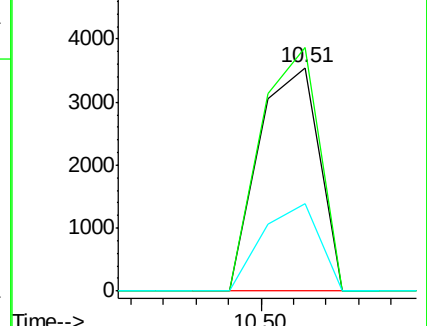
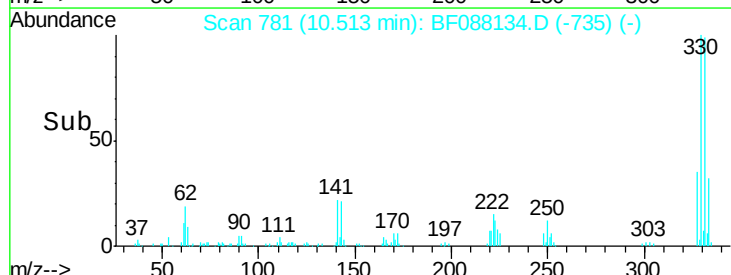
167 39.1 11.2 16.8#

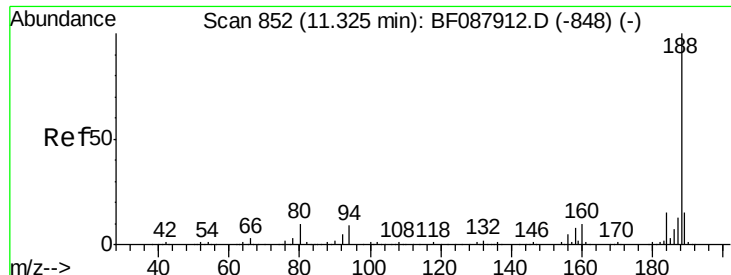


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

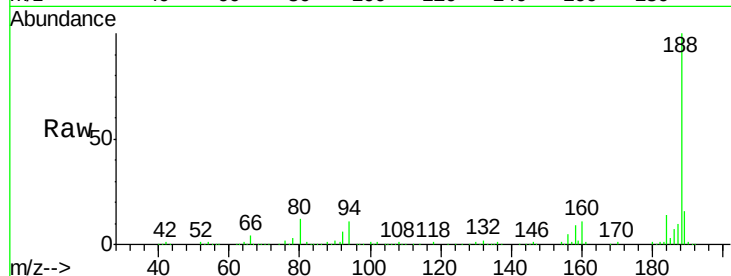




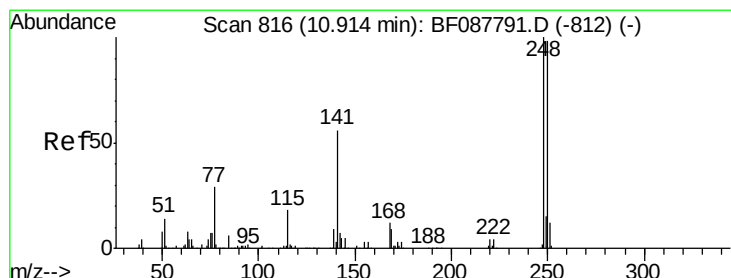
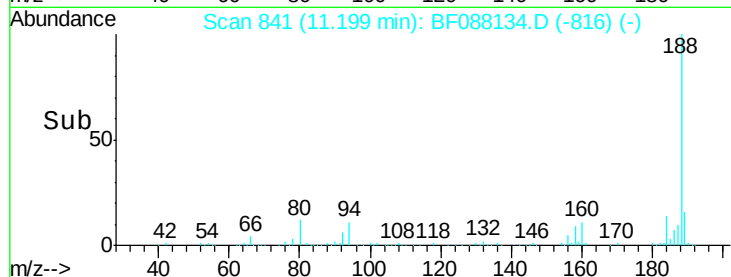
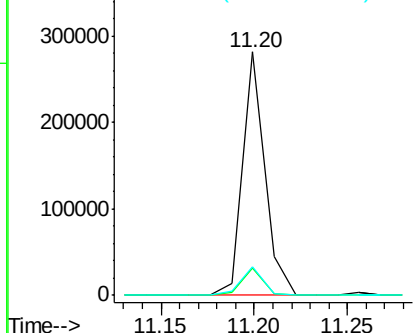
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088134.D
Acq: 18 Jun 2016 15:14

Instrument :
BNA_F
ClientSampleId :
SED1-0-6

Tgt Ion:188 Resp: 235436
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 11.6 10.0 15.0

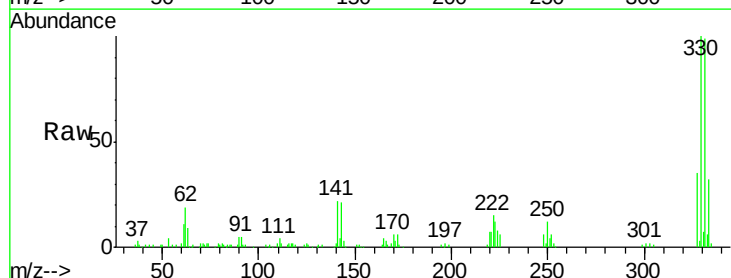


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

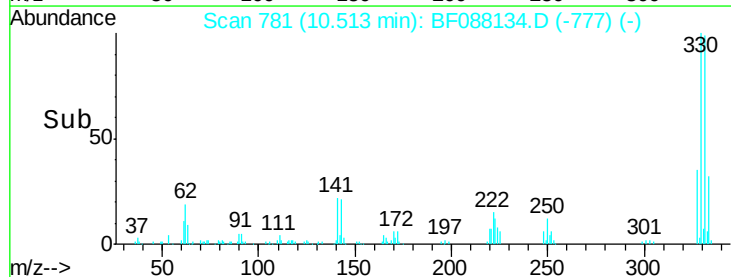
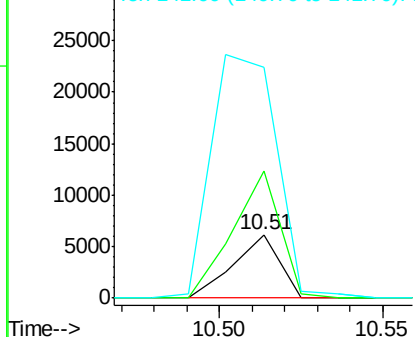


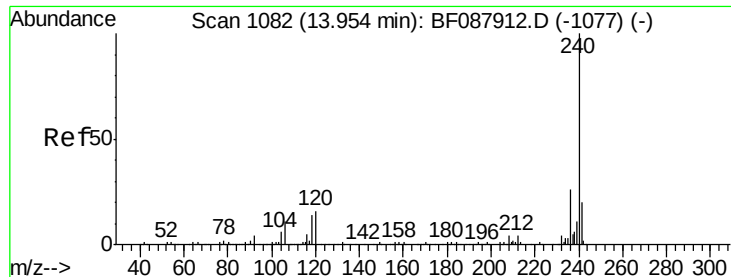
#66
4-Bromophenyl-phenylether
Concen: 2.34 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088134.D
Acq: 18 Jun 2016 15:14

Tgt Ion:248 Resp: 5912
Ion Ratio Lower Upper
248 100
250 201.7 77.1 115.7#
141 365.7 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: BF088134.D

Acq: 18 Jun 2016 15:14

Instrument :

BNA_F

ClientSampleId :

SED1-0-6

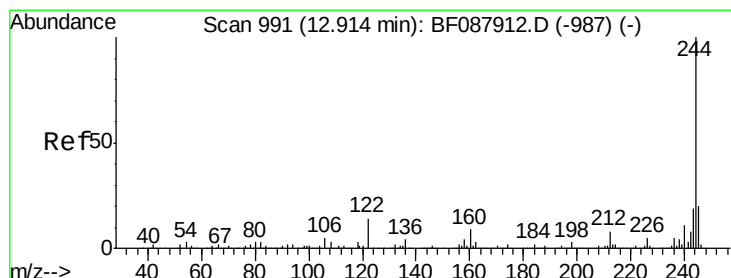
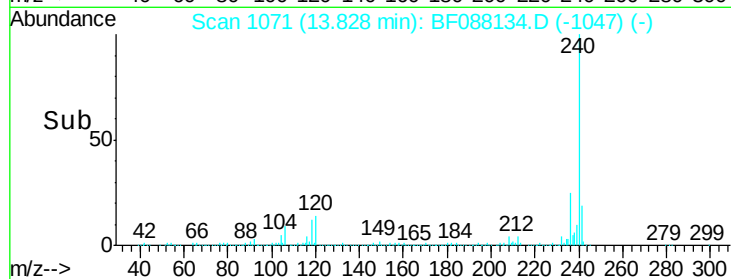
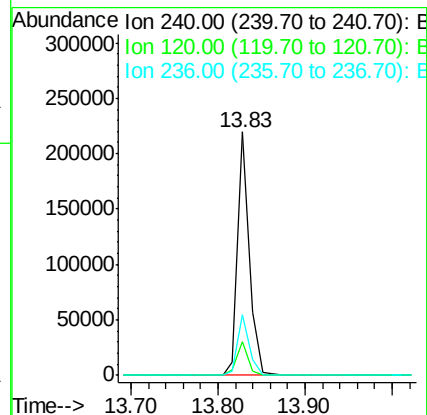
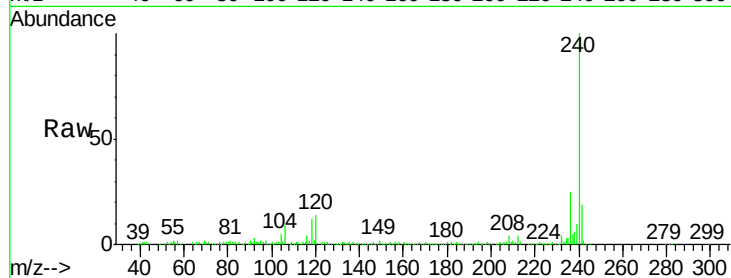
Tgt Ion:240 Resp: 202874

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

236 24.9 20.2 30.2



#78

Terphenyl-d14

Concen: 62.19 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088134.D

Acq: 18 Jun 2016 15:14

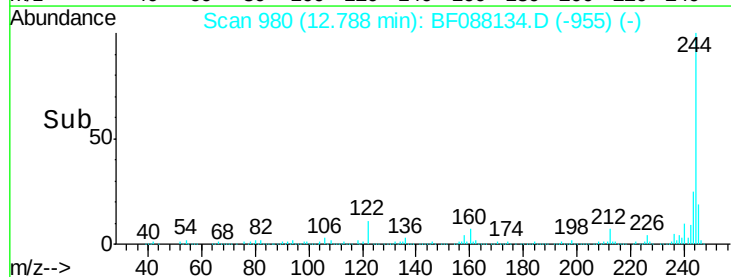
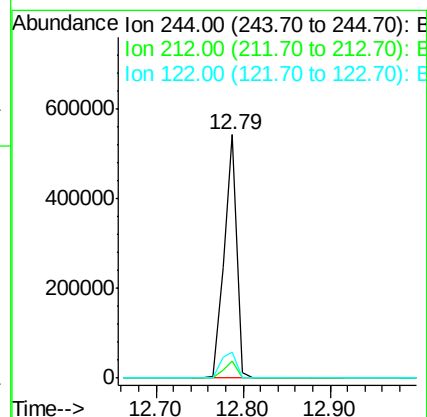
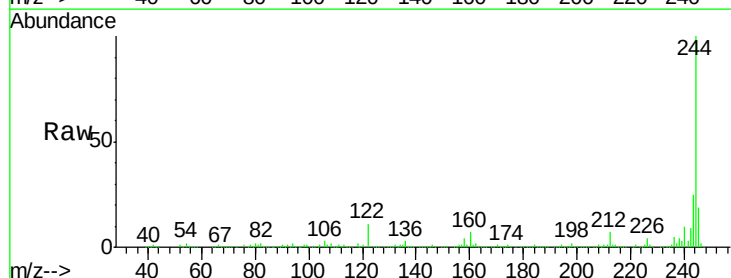
Tgt Ion:244 Resp: 554423

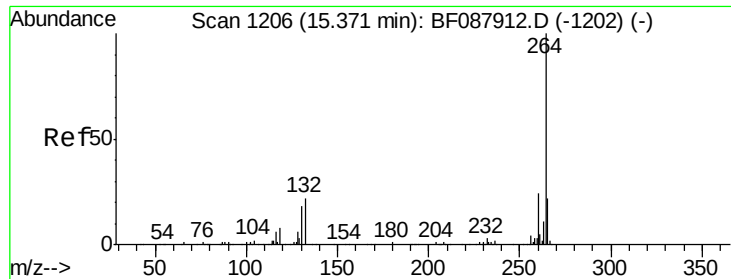
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.6 11.2 16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088134.D
Acq: 18 Jun 2016 15:14

Instrument :
BNA_F
ClientSampleId :
SED1-0-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	16.9	25.3

