

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087977.D
 Acq On : 13 Jun 2016 12:13
 Operator : UM/SJ
 Sample : H3438-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Quant Time: Jun 13 14:02:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

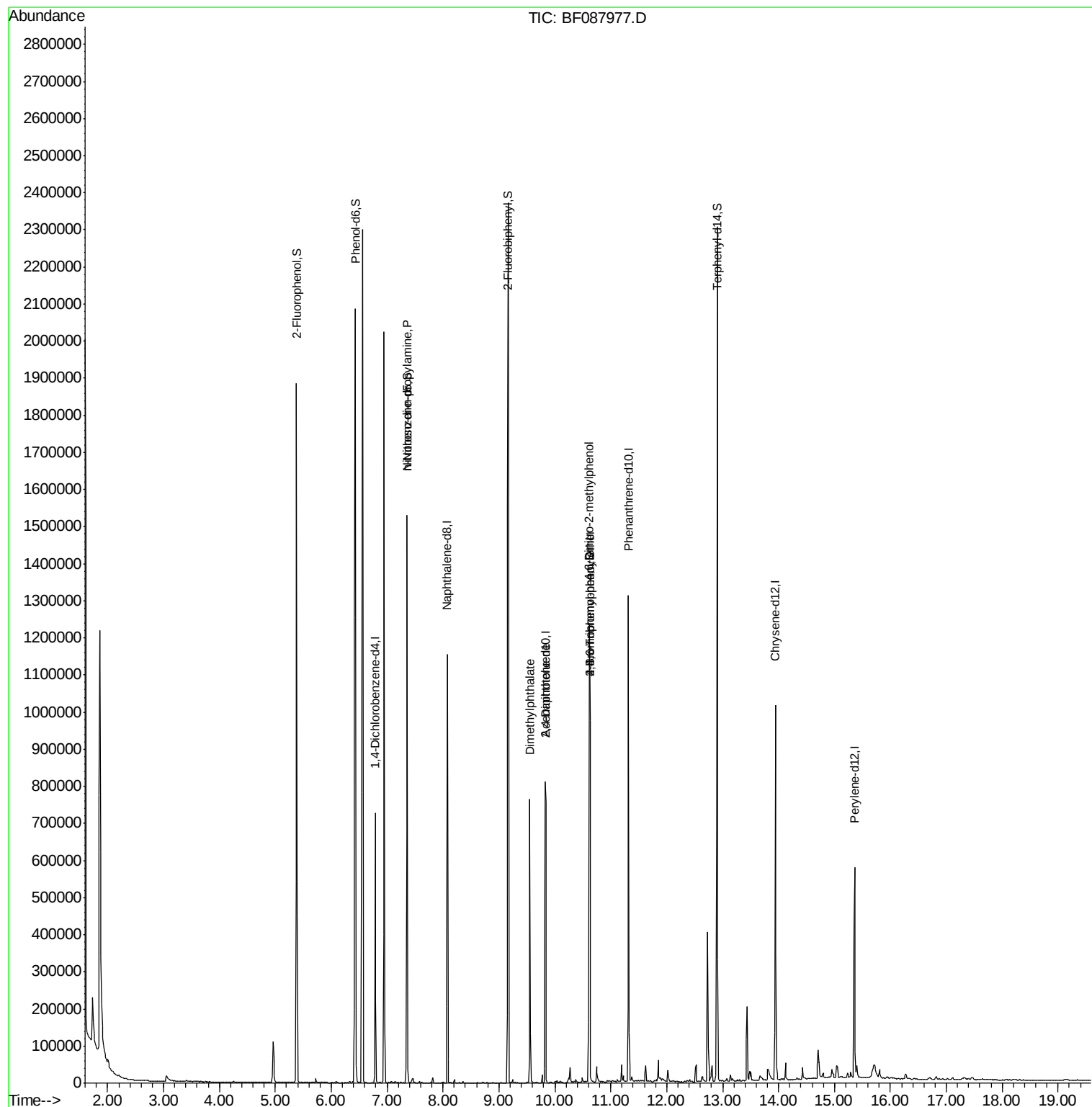
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114817	20.00	ng	-0.06
21) Naphthalene-d8	8.08	136	498039	20.00	ng	-0.05
38) Acenaphthene-d10	9.83	164	237822	20.00	ng	-0.06
63) Phenanthrene-d10	11.31	188	443235	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	349874	20.00	ng	-0.05
86) Perylene-d12	15.36	264	279465	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	618562	92.10	ng	-0.05
7) Phenol-d6	6.43	99	949292	116.63	ng	-0.05
23) Nitrobenzene-d5	7.36	82	551390	64.65	ng	-0.06
41) 2,4,6-Tribromophenol	10.63	330	221052	88.03	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	990385	64.06	ng	-0.05
78) Terphenyl-d14	12.90	244	737907	47.99	ng	-0.05
Target Compounds						
10) Phenol	6.44	94	7363	Below Cal		Qvalue 97
19) n-Nitroso-di-n-propylamine	7.36	70	71216	13.68 ng	#	72
45) 1,1'-Biphenyl	9.26	154	570	Below Cal	#	43
49) Dimethylphthalate	9.55	163	305225	17.72 ng		100
56) 2,4-Dinitrotoluene	9.83	165	30245	5.97 ng	#	36
57) Fluorene	10.38	166	726	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.62	198	442	2.31 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	14097	2.96 ng	#	1

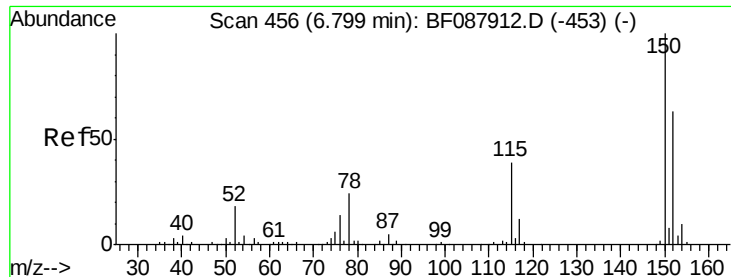
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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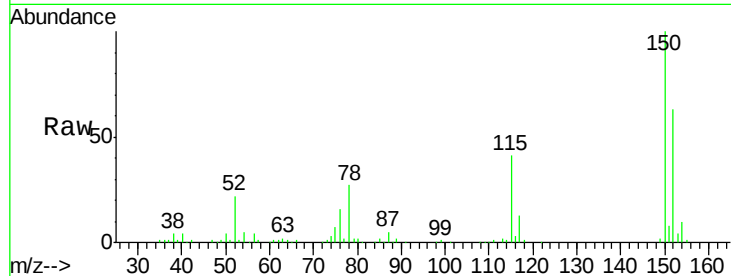


#1

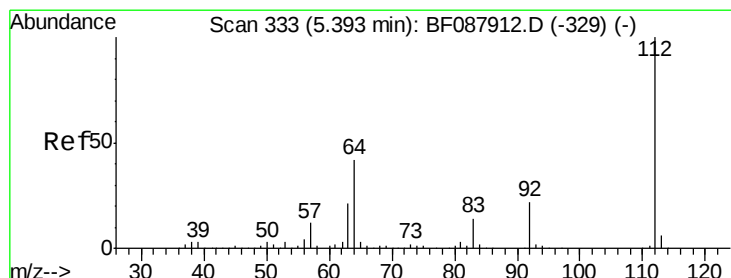
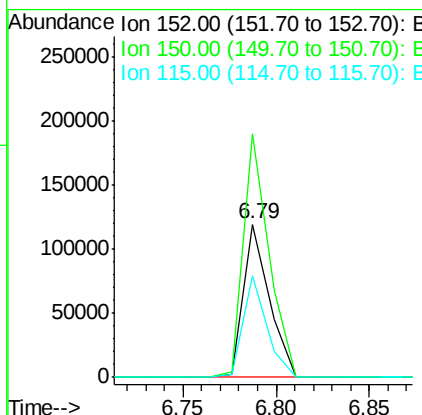
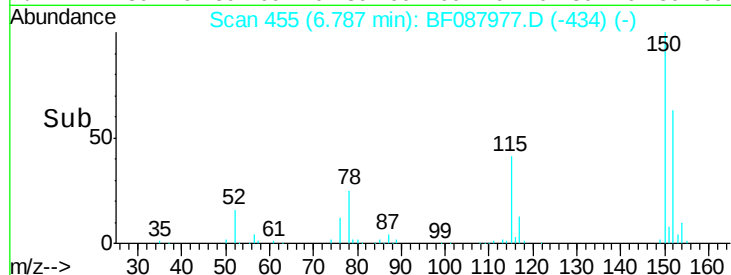
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF087977.D
 Acq: 13 Jun 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.8	185.6
115	65.9	39.6	59.4



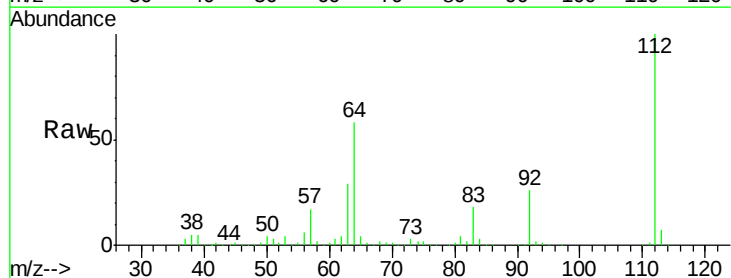
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



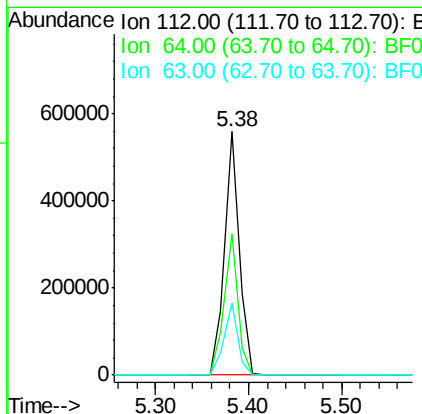
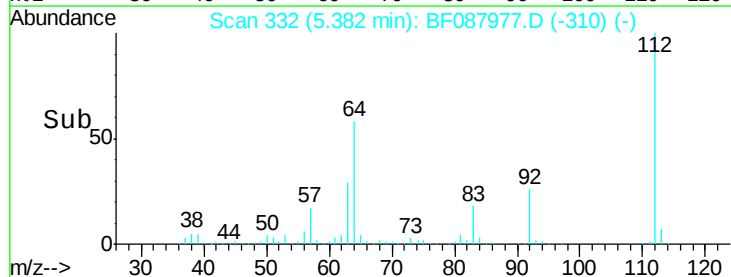
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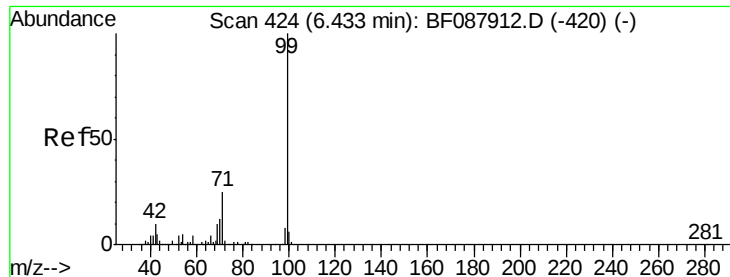
2-Fluorophenol
 Concen: 92.10 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.05 min
 Lab File: BF087977.D
 Acq: 13 Jun 2016 12:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	42.2	63.2
63	29.4	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: 116.63 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087977.D

Acq: 13 Jun 2016 12:13

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

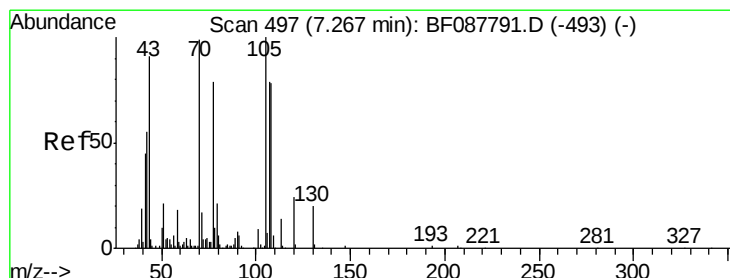
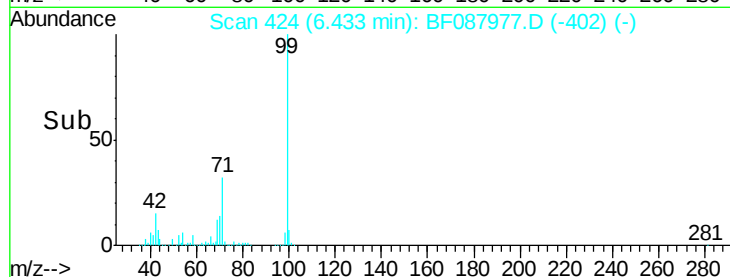
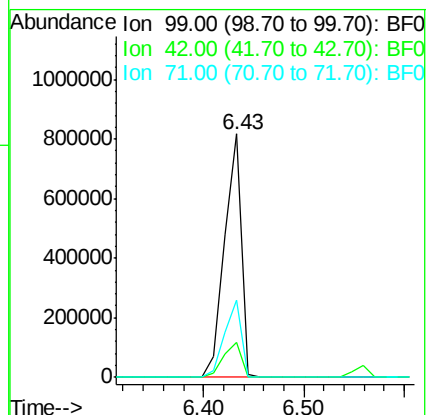
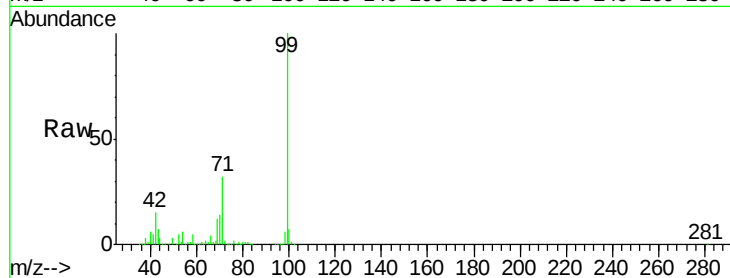
Tgt Ion: 99 Resp: 949292

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 31.7 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.68 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.09 min

Lab File: BF087977.D

Acq: 13 Jun 2016 12:13

Tgt Ion: 70 Resp: 71216

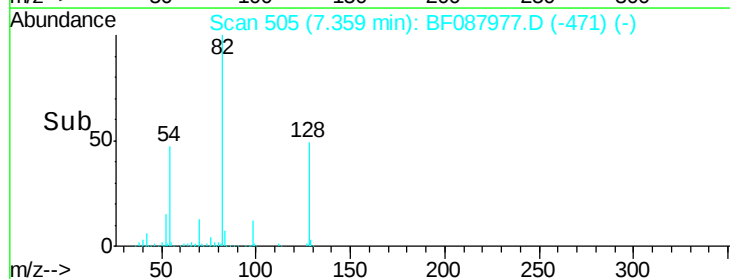
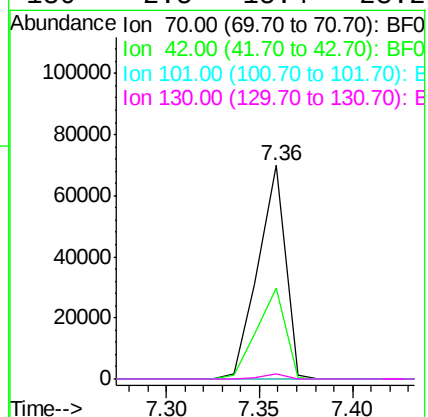
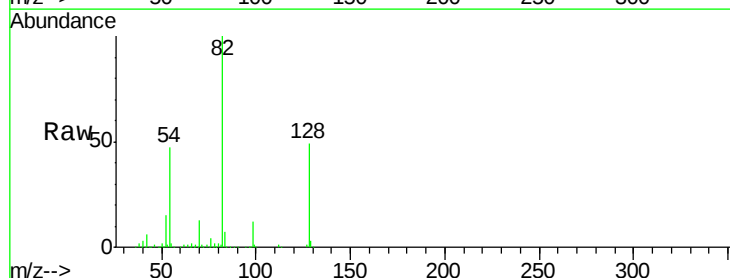
Ion Ratio Lower Upper

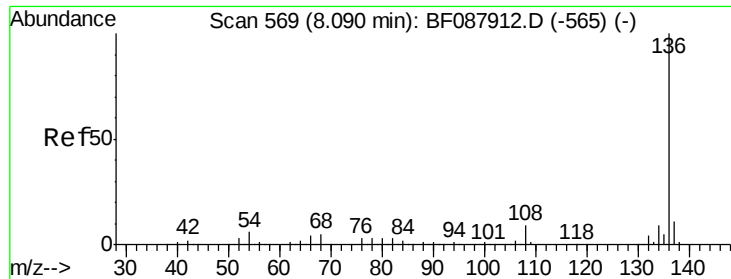
70 100

42 42.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

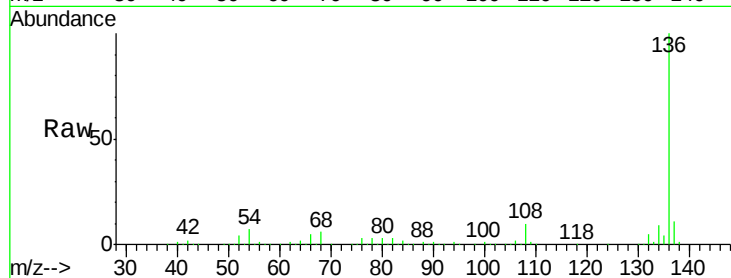




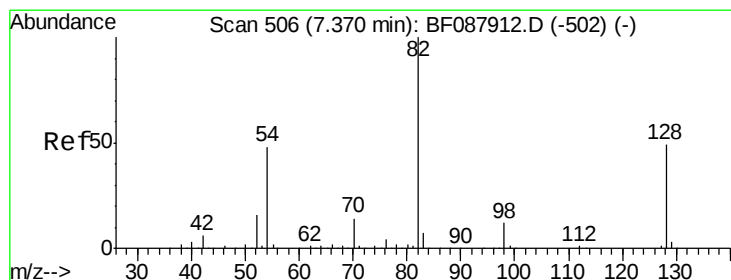
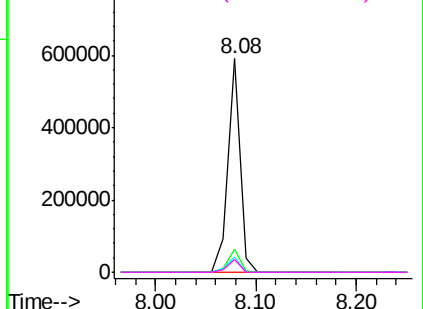
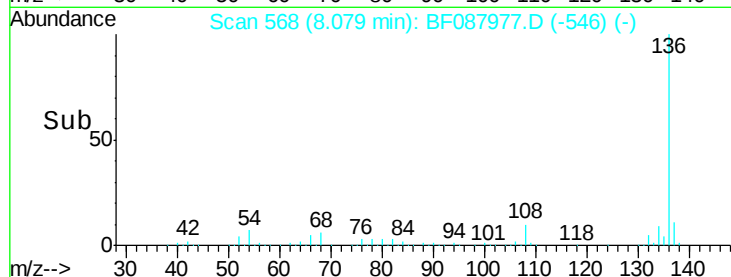
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.05 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion:	136	Resp:	498039
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	6.6	10.0
68	6.0	5.1	7.7

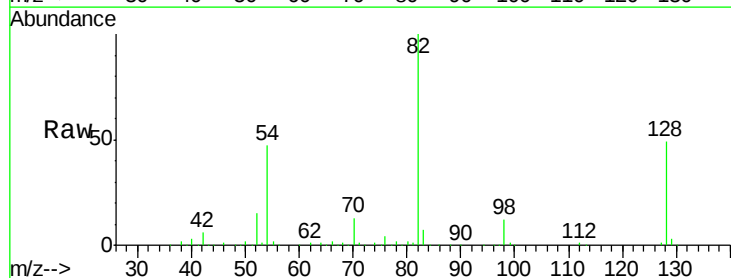


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

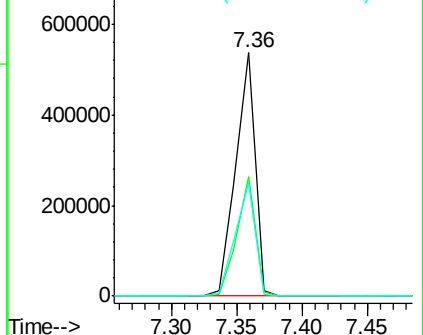
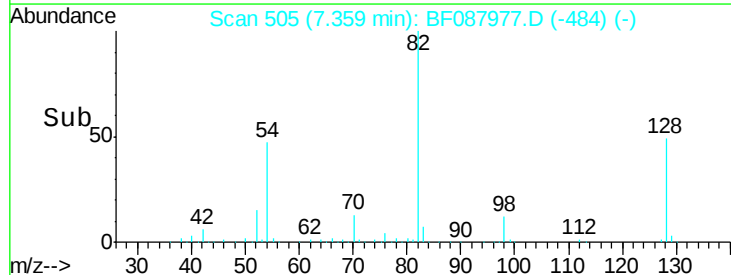


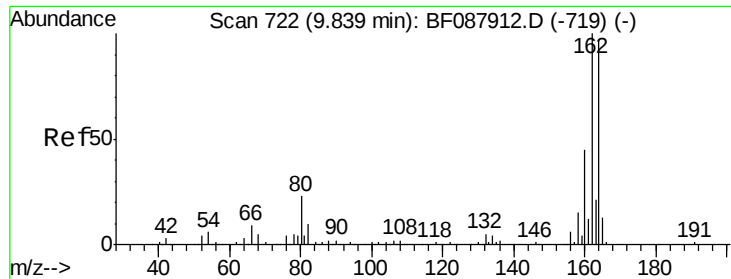
#23
Nitrobenzene-d5
Concen: 64.65 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Tgt Ion:	82	Resp:	551390
Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.9	53.9
54	46.6	40.9	61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

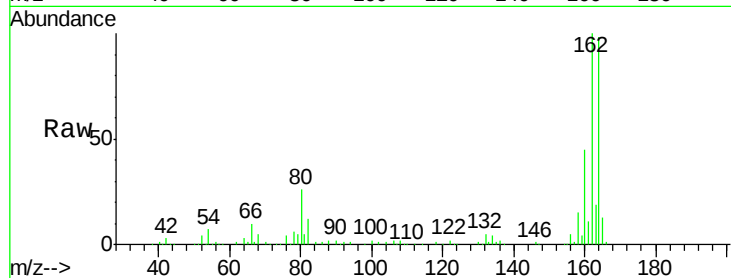




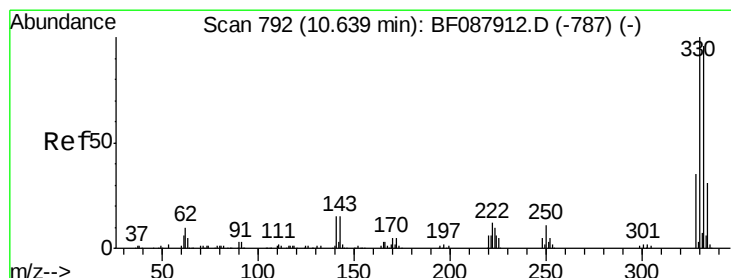
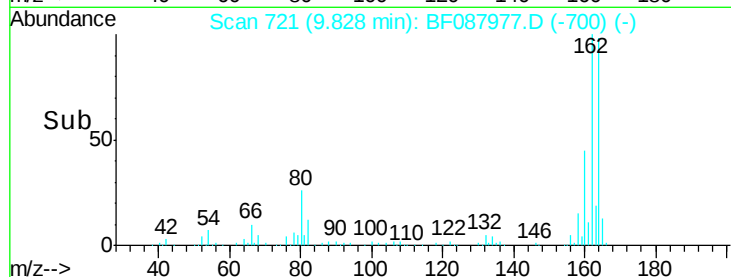
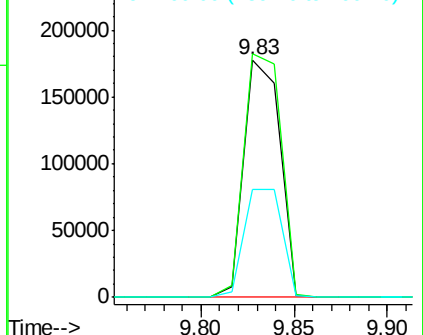
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.06 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.4	128.2
160	45.6	39.5	59.3

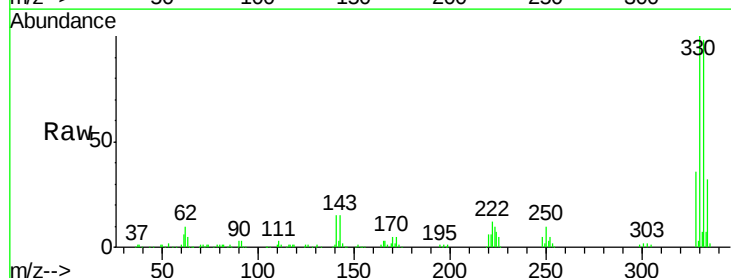


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

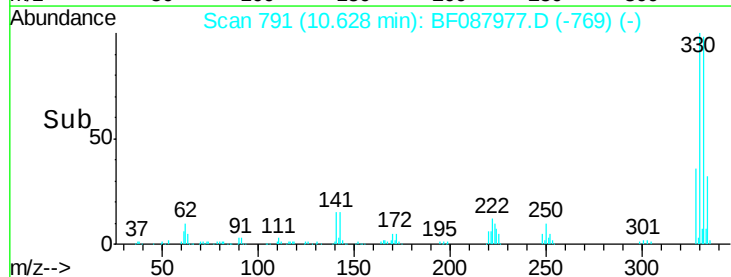
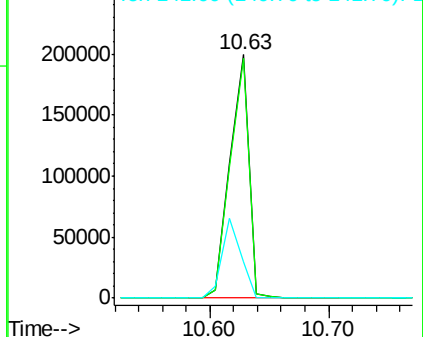


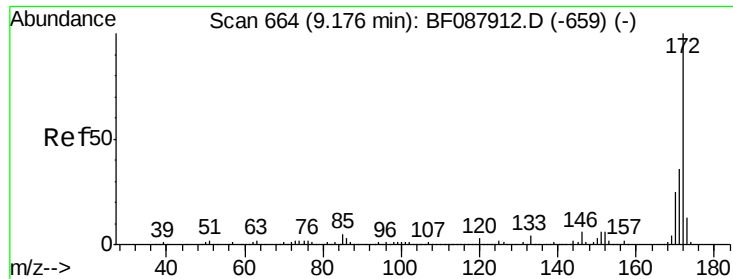
#41
2,4,6-Tribromophenol
Concen: 88.03 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	32.7	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

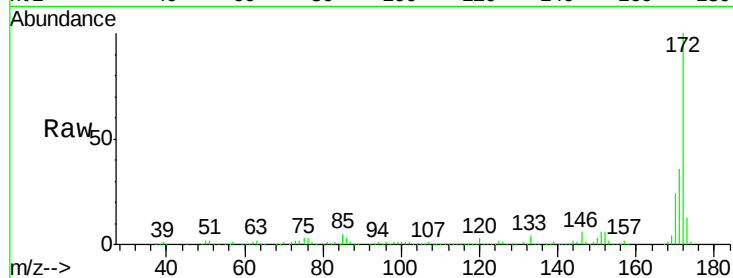




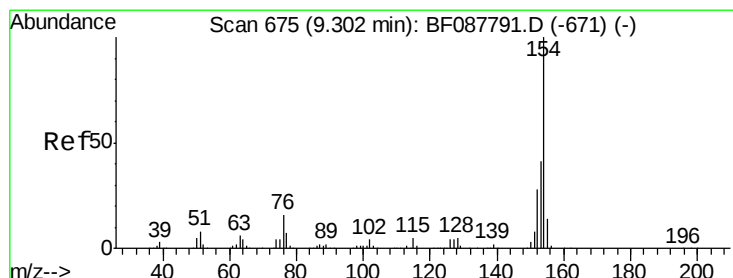
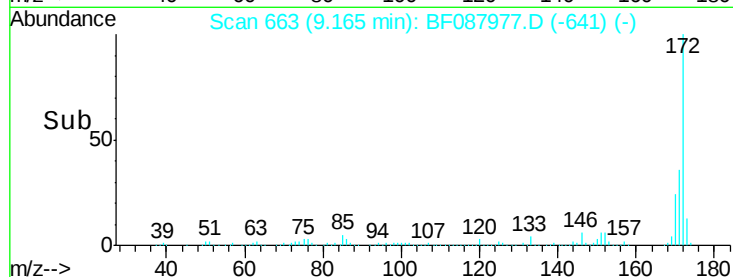
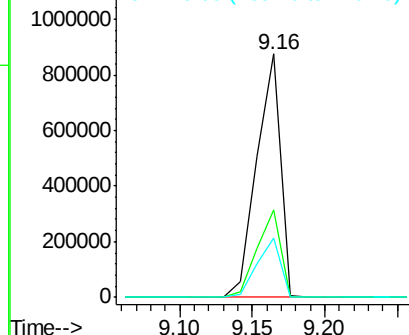
#44
2-Fluorobiphenyl
Concen: 64.06 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion:172 Resp: 990385
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.3 19.2 28.8

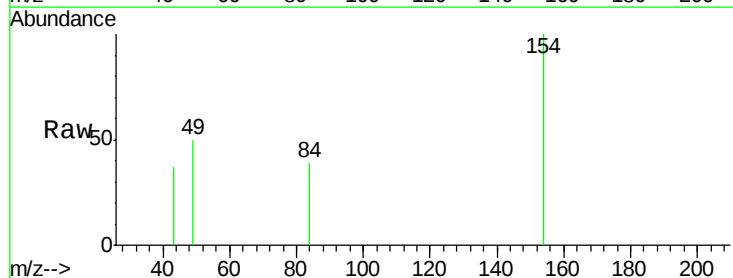


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

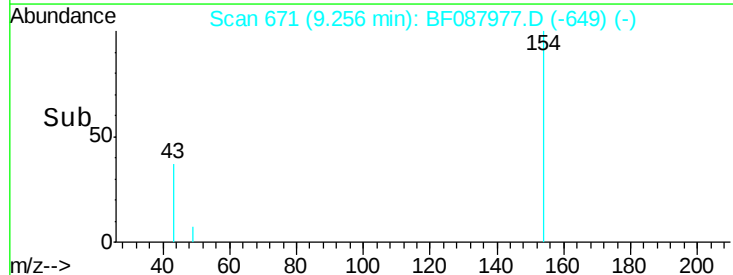
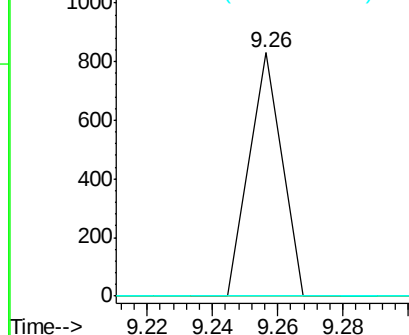


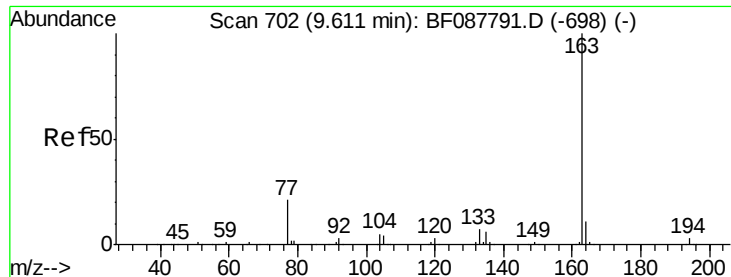
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Tgt Ion:154 Resp: 570
Ion Ratio Lower Upper
154 100
153 0.0 20.6 60.6#
76 0.0 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

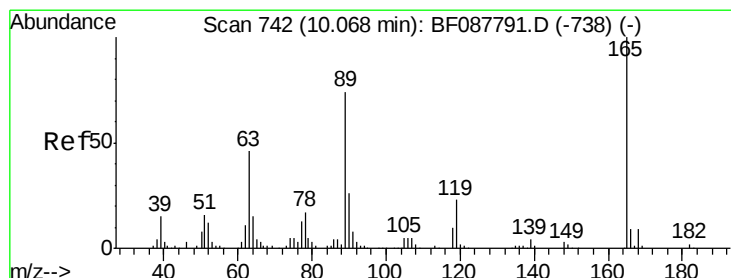
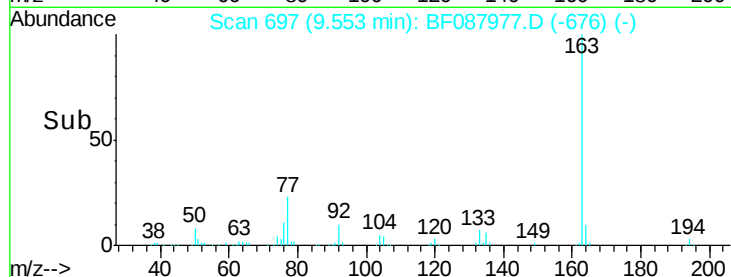
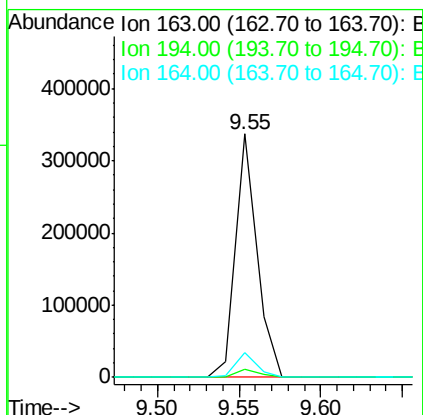
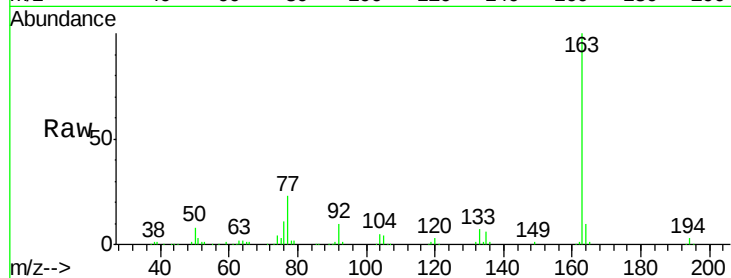




#49
Dimethylphthalate
Concen: 17.72 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.06 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

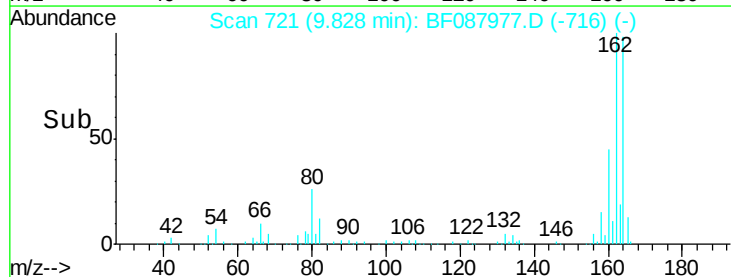
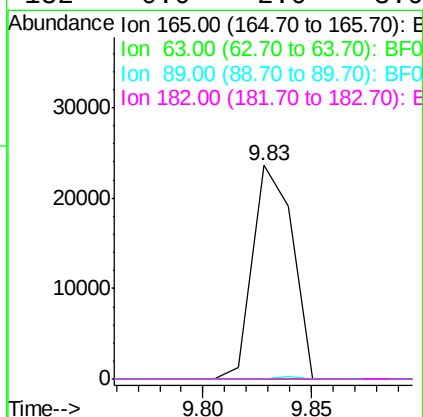
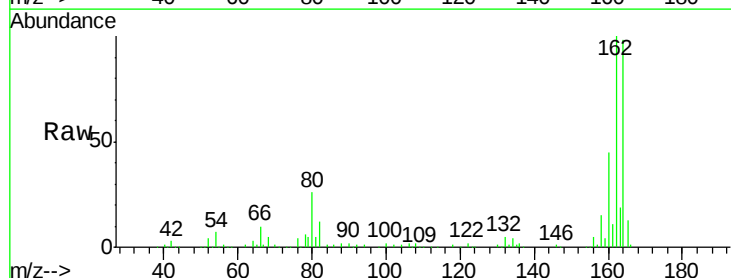
Instrument :
BNA_F
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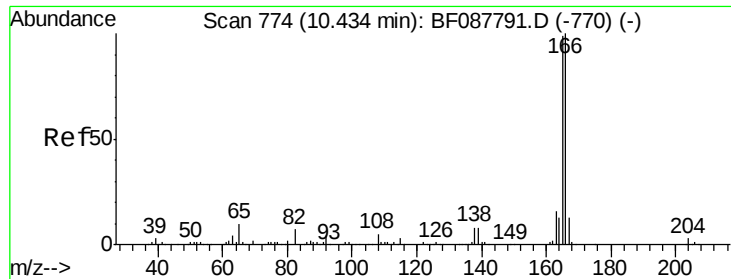
Tgt Ion:163 Resp: 305225
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.24 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Tgt Ion:165 Resp: 30245
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#





#57

Fluorene

Concen: Below Cal

RT: 10.38 min Scan# 769

Delta R.T. -0.06 min

Lab File: BF087977.D

Acq: 13 Jun 2016 12:13

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

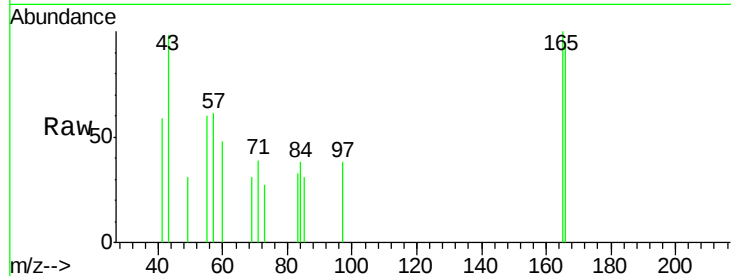
Tgt Ion:166 Resp: 726

Ion Ratio Lower Upper

166 100

165 107.1 77.8 116.8

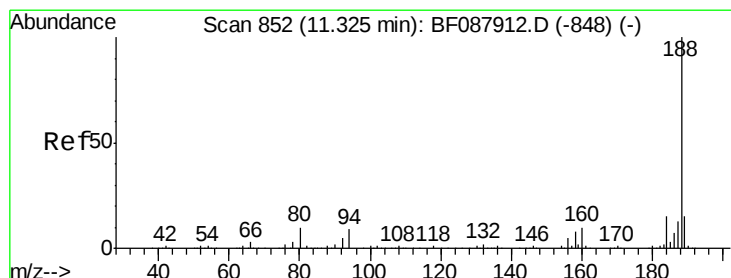
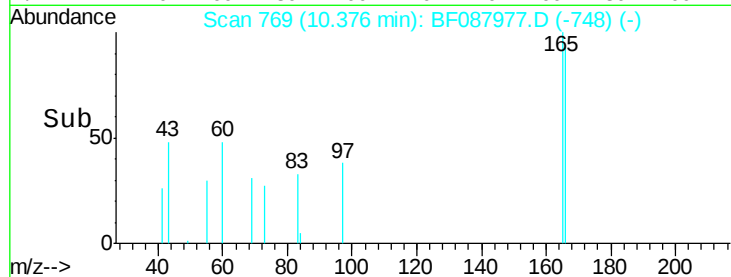
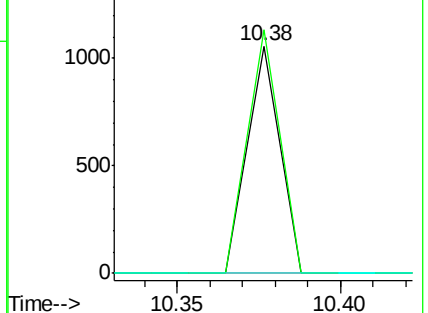
167 0.0 11.2 16.8#



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: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF087977.D

Acq: 13 Jun 2016 12:13

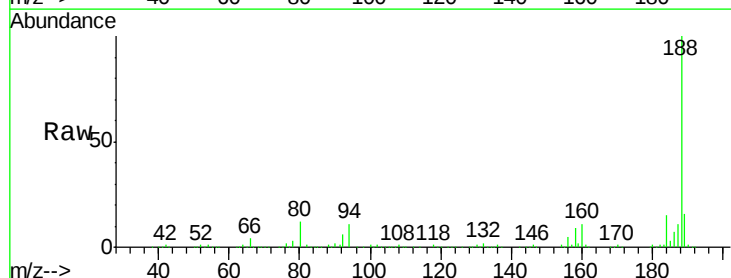
Tgt Ion:188 Resp: 443235

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.6

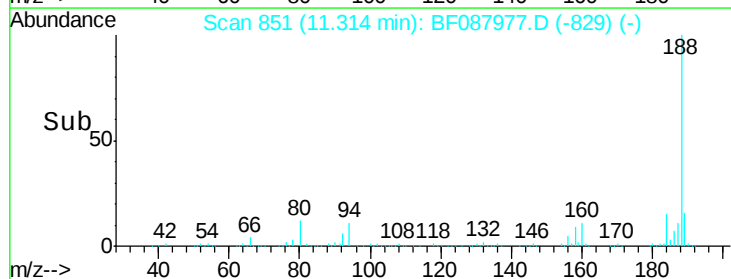
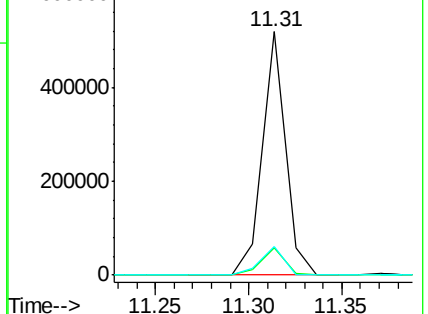
80 11.8 10.0 15.0

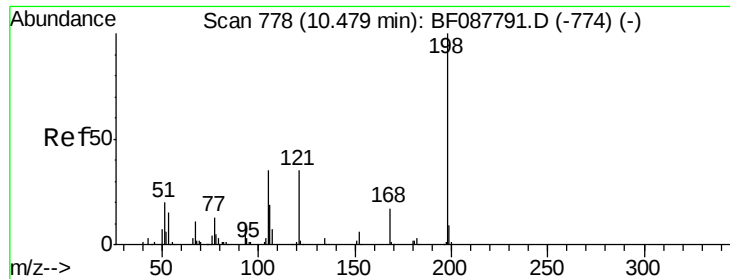


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

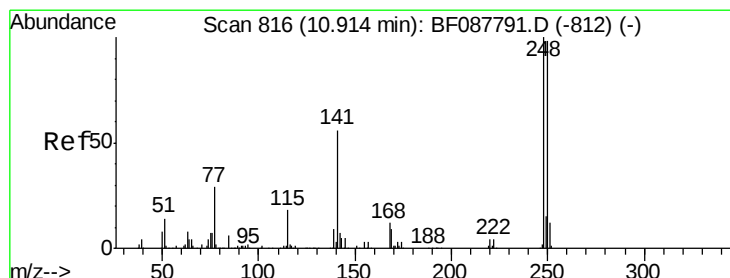
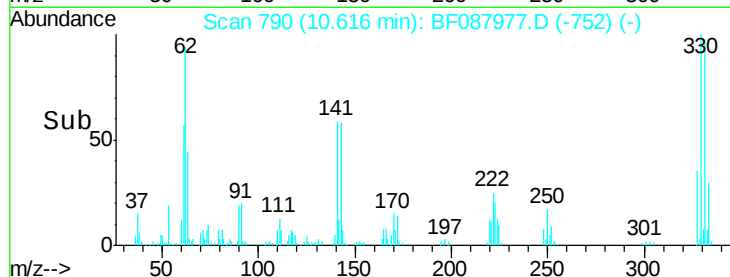
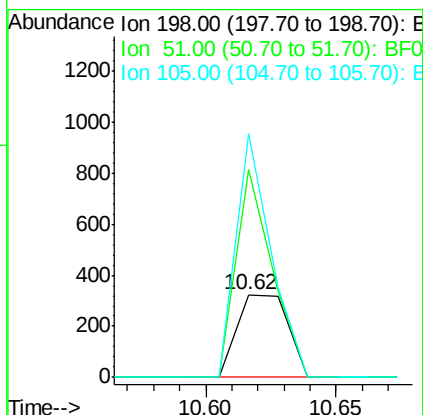
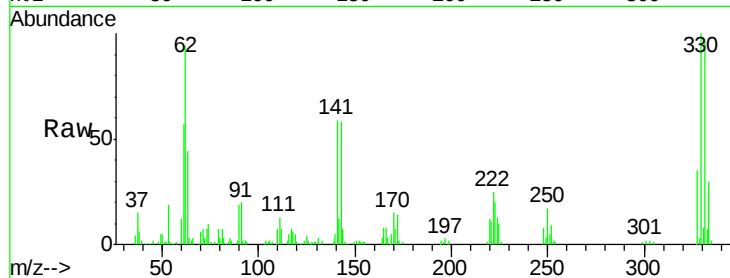




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.31 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.14 min
 Lab File: BF087977.D
 Acq: 13 Jun 2016 12:13

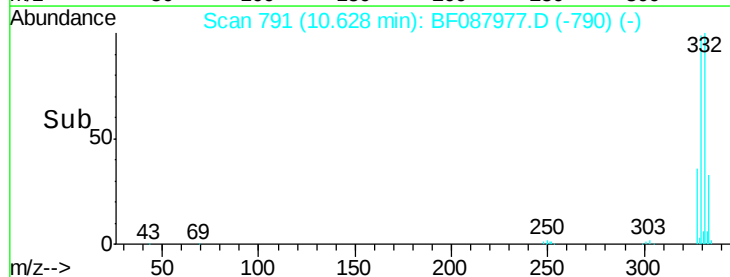
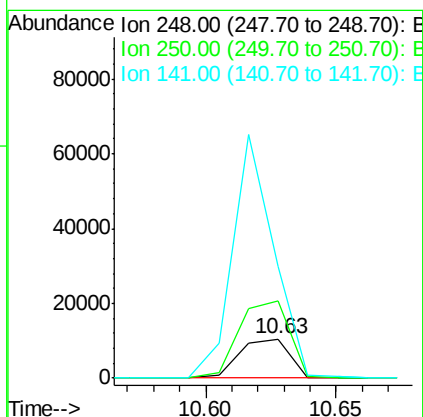
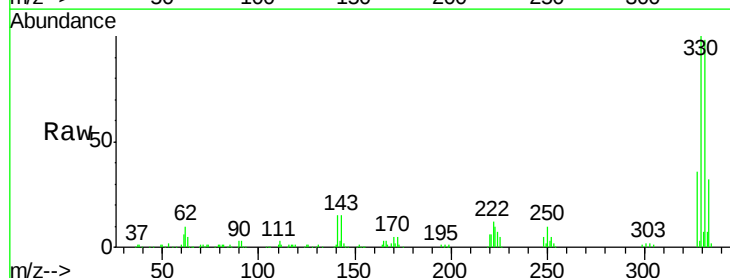
Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

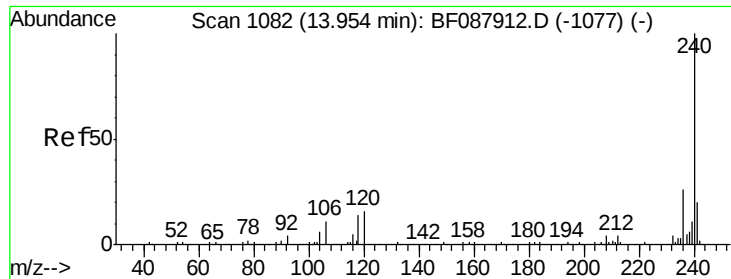
Tgt Ion:198 Resp: 442
 Ion Ratio Lower Upper
 198 100
 51 250.2 39.6 79.6#
 105 293.8 36.6 76.6#



#66
 4-Bromophenyl-phenylether
 Concen: 2.96 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.29 min
 Lab File: BF087977.D
 Acq: 13 Jun 2016 12:13

Tgt Ion:248 Resp: 14097
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.1 115.7#
 141 285.7 50.6 76.0#

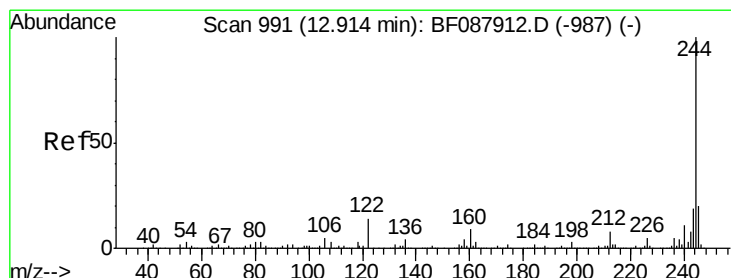
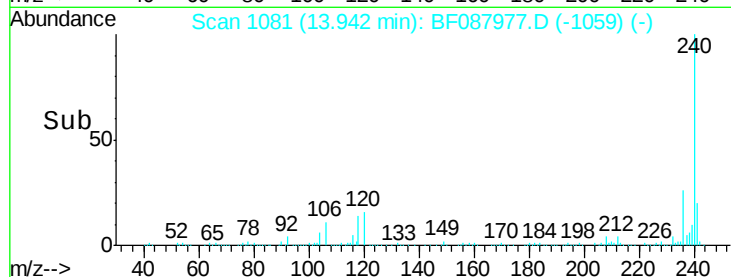
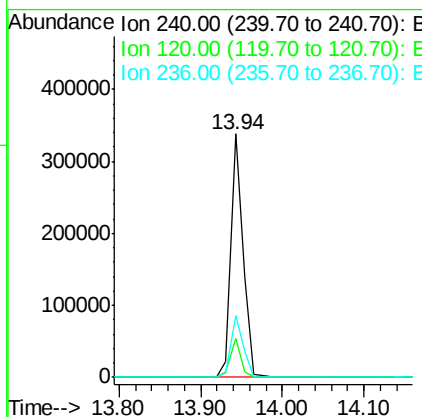
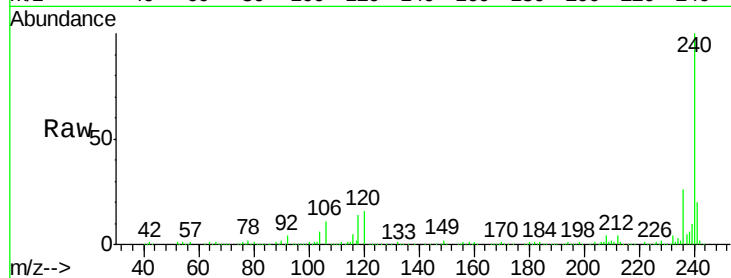




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.05 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

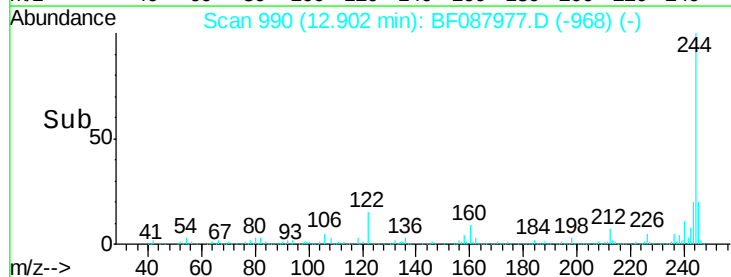
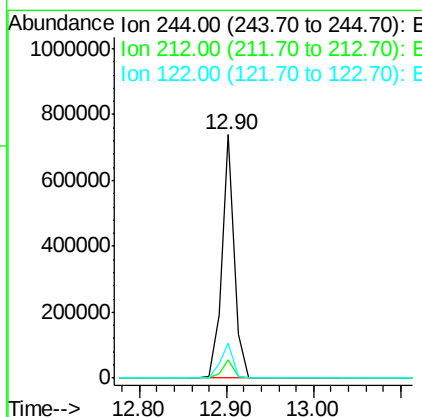
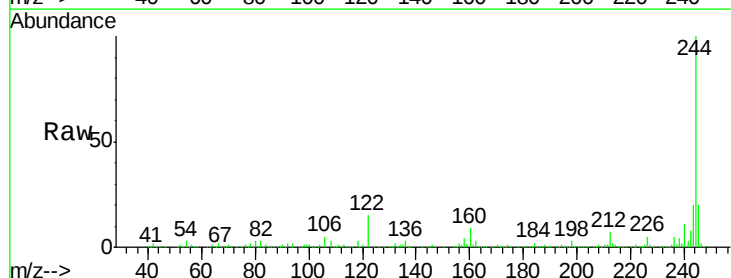
Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

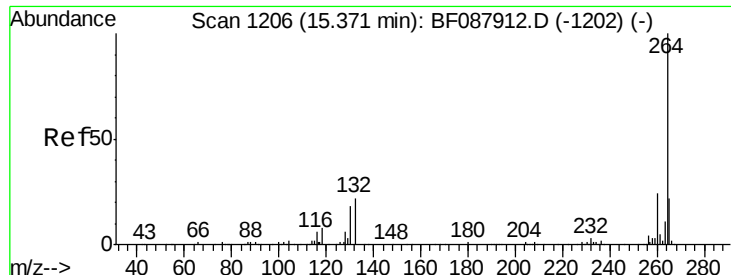
Tgt Ion:240 Resp: 349874
Ion Ratio Lower Upper
240 100
120 16.1 6.8 10.2#
236 25.6 20.2 30.2



#78
Terphenyl-d14
Concen: 47.99 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Tgt Ion:244 Resp: 737907
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 14.6 11.2 16.8

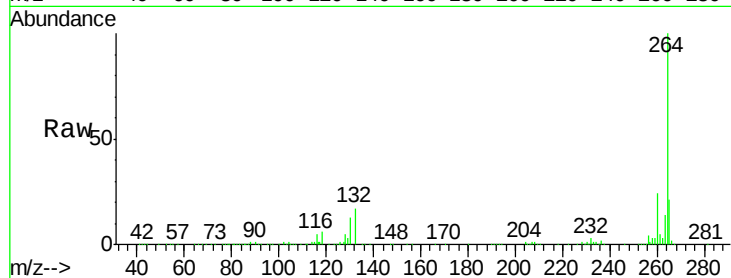




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087977.D
Acq: 13 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	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

