

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
 Data File : BF087968.D
 Acq On : 13 Jun 2016 00:53
 Operator : UM/SJ
 Sample : H3473-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Quant Time: Jun 13 05:04:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

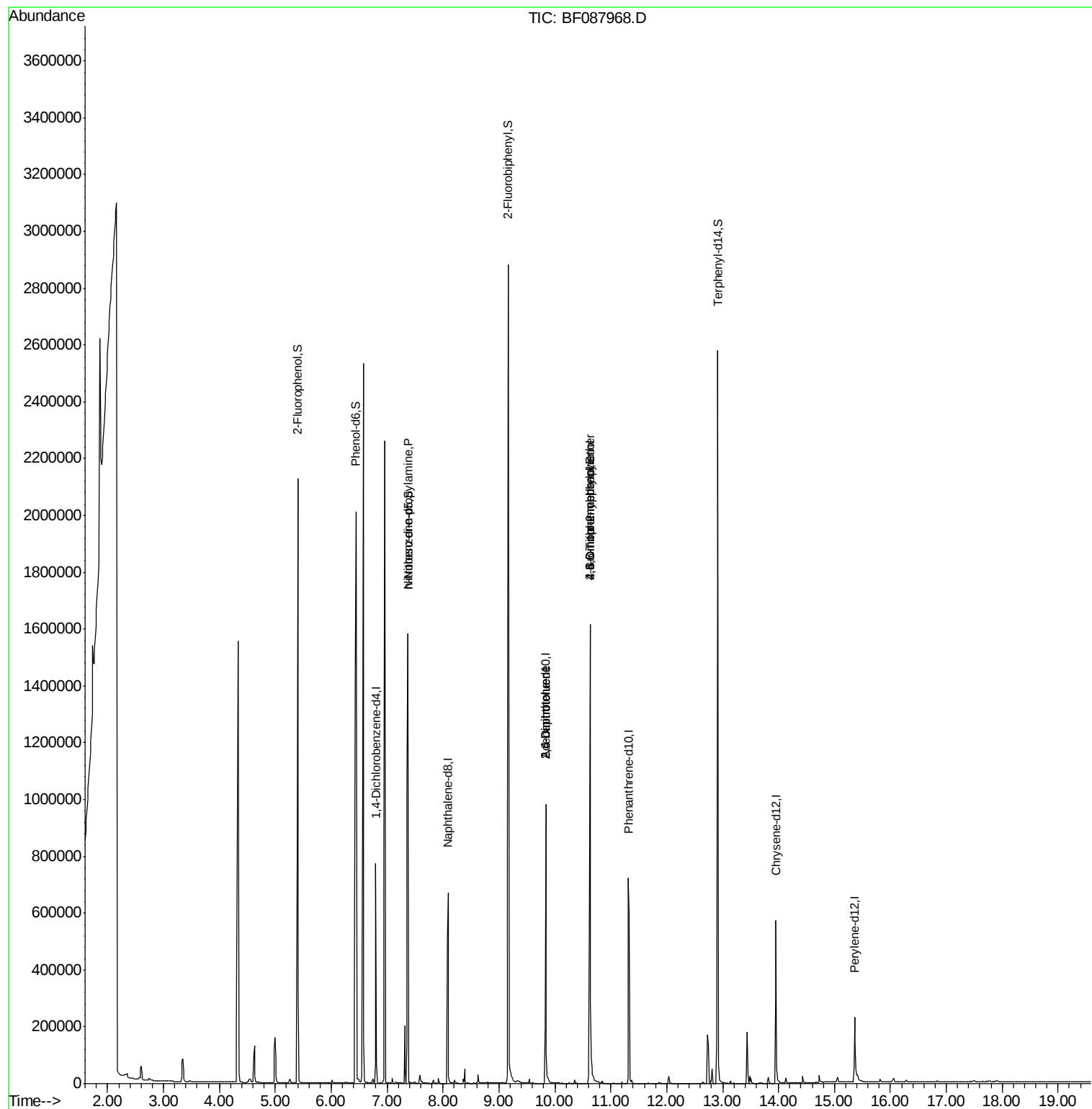
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109940	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434849	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	208174	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	396319	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	257703	20.00	ng	-0.01
86) Perylene-d12	15.36	264	128217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	680672	105.84	ng	0.01
7) Phenol-d6	6.44	99	962942	123.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	663255	89.07	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	238140	108.34	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1050151	78.85	ng	-0.01
78) Terphenyl-d14	12.91	244	1037983	91.66	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	1448	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	86661	17.38	ng	# 69
45) 1,1'-Biphenyl	9.27	154	230	Below Cal	#	43
50) 2,6-Dinitrotoluene	9.84	165	25637	7.42	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	25634	5.78	ng	# 38
57) Fluorene	10.39	166	782	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.63	198	377	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	14983	3.52	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087968.D
Acq On : 13 Jun 2016 00:53
Operator : UM/SJ
Sample : H3473-09
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

Quant Time: Jun 13 05:04:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration



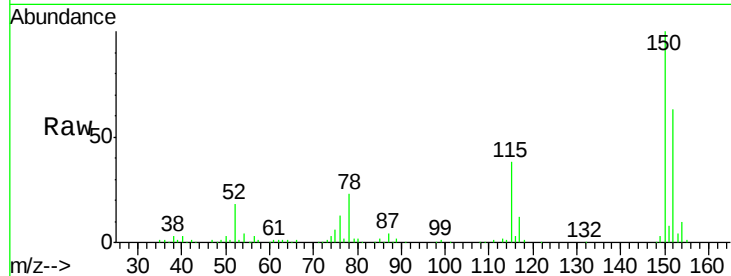


#1

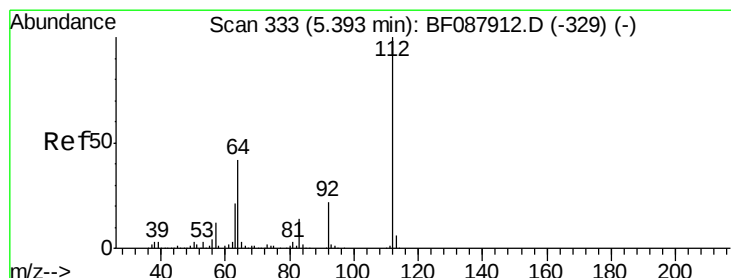
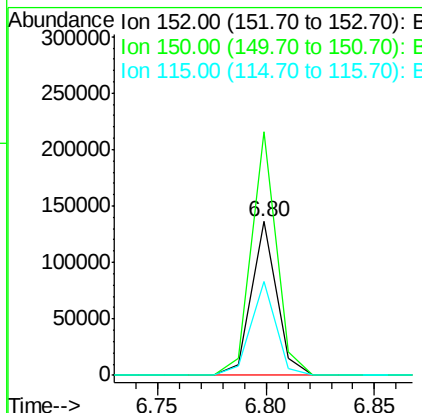
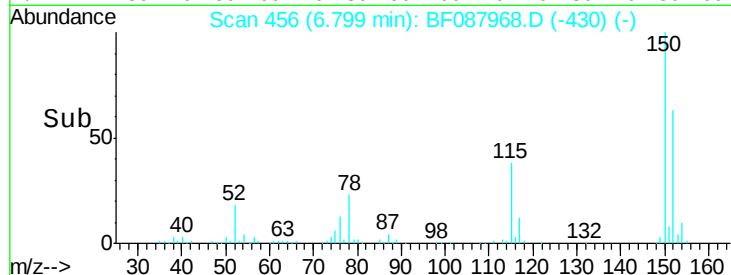
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	60.9	39.6	59.4



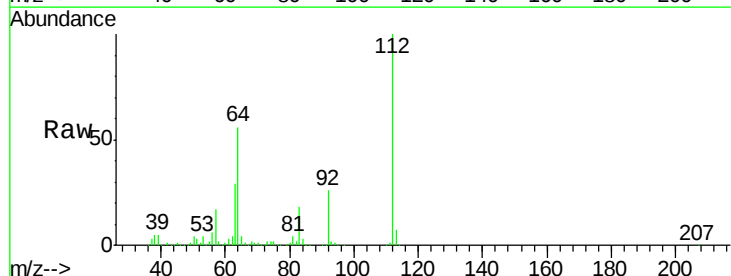
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



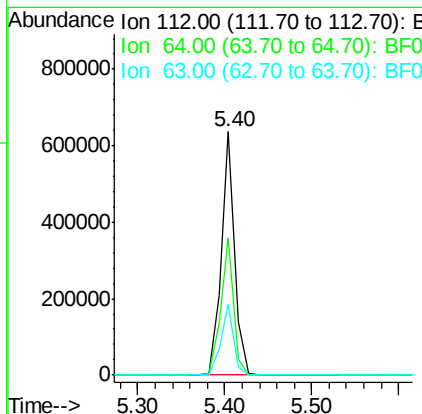
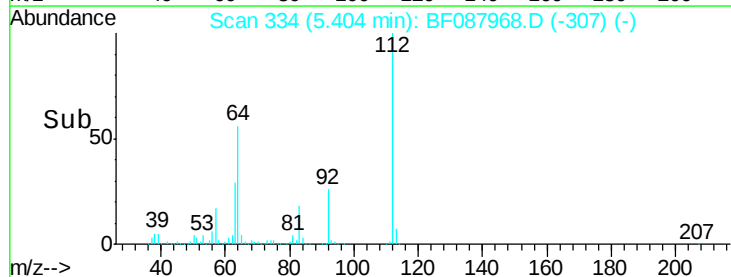
#5

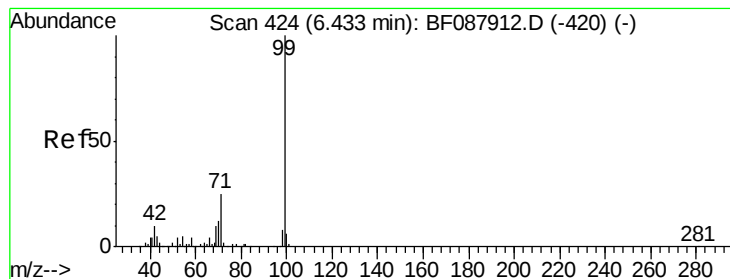
2-Fluorophenol
 Concen: 105.84 ng
 RT: 5.40 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.2	63.2
63	29.1	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: 123.55 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF087968.D

Acq: 13 Jun 2016 00:53

Instrument :

BNA_F

ClientSampleId :

STA-1065-(0-4)

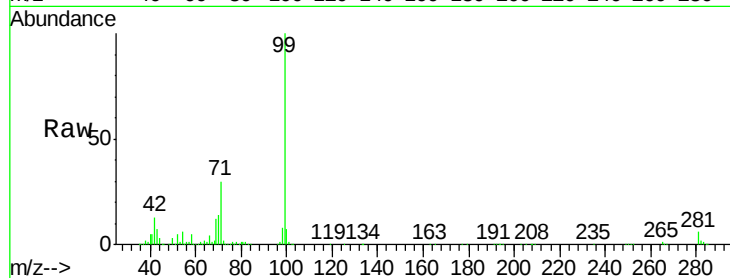
Tgt Ion: 99 Resp: 962942

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

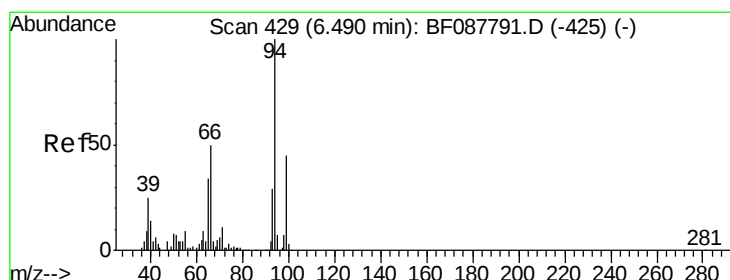
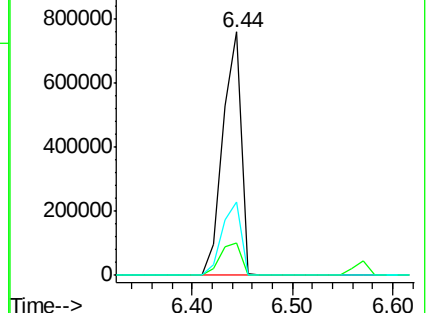
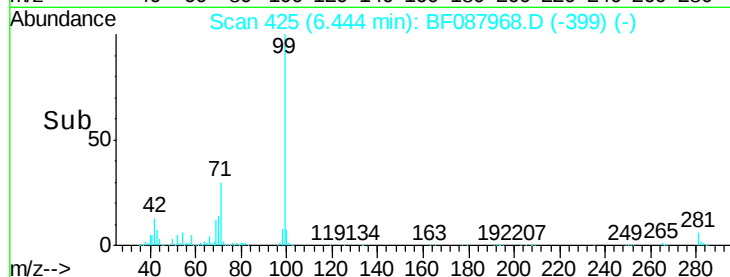
71 30.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: Below Cal

RT: 6.57 min Scan# 436

Delta R.T. 0.11 min

Lab File: BF087968.D

Acq: 13 Jun 2016 00:53

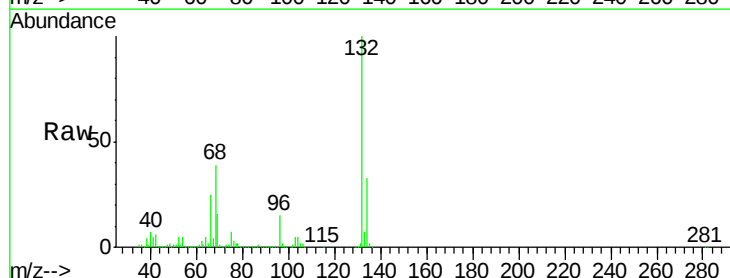
Tgt Ion: 94 Resp: 1448

Ion Ratio Lower Upper

94 100

65 965.8 5.9 45.9#

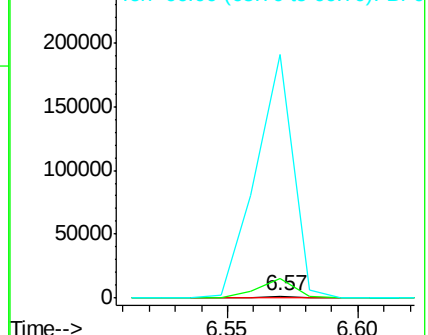
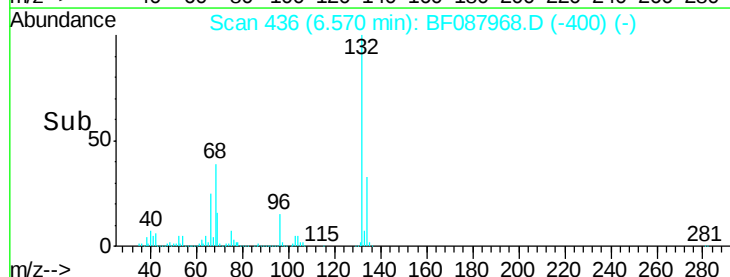
66 11786.8 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

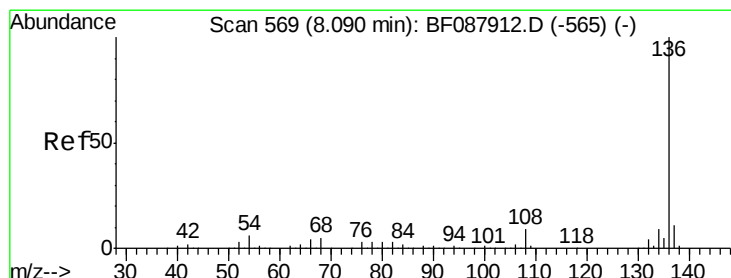
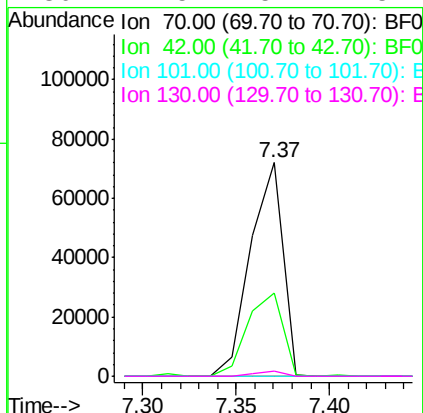
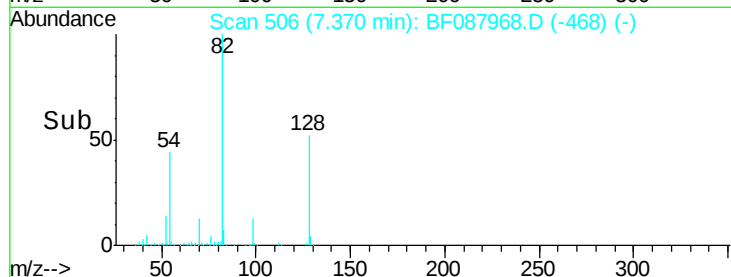
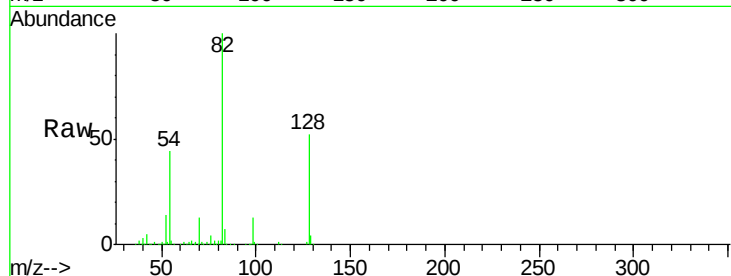




#19
n-Nitroso-di-n-propylamine
Concen: 17.38 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

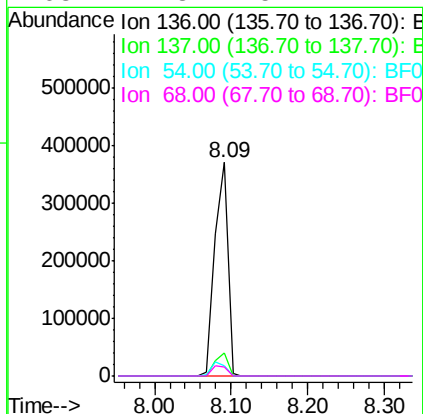
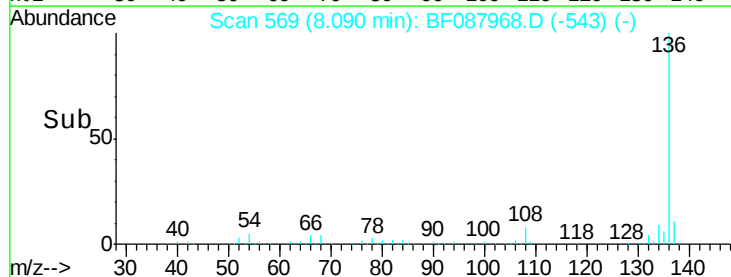
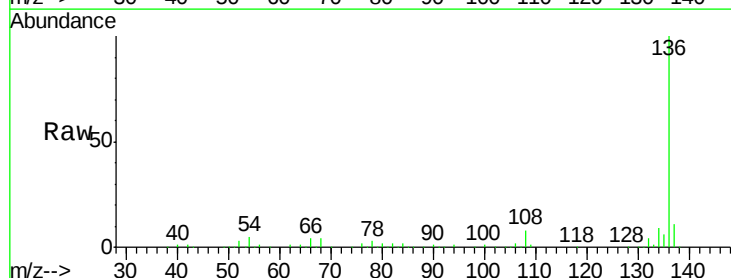
Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

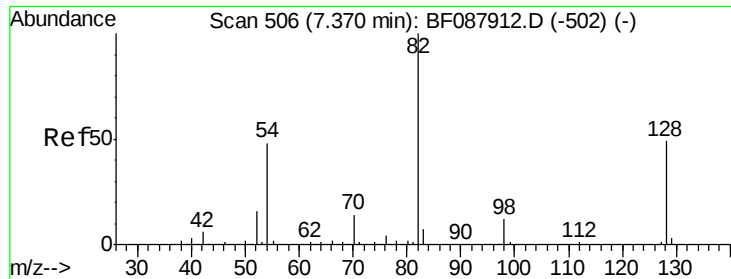
Tgt Ion: 70 Resp: 86661
Ion Ratio Lower Upper
70 100
42 39.1 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

Tgt Ion: 136 Resp: 434849
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.0 6.6 10.0#
68 4.3 5.1 7.7#

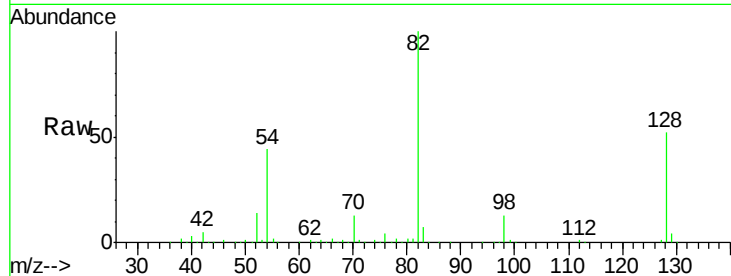




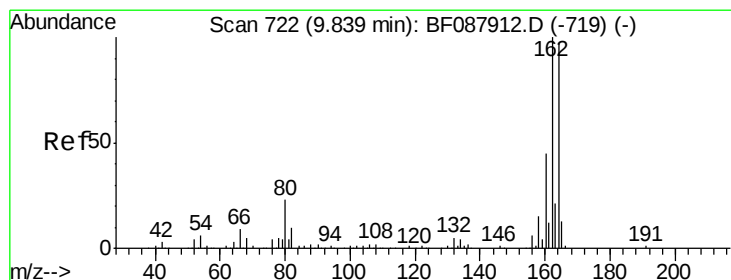
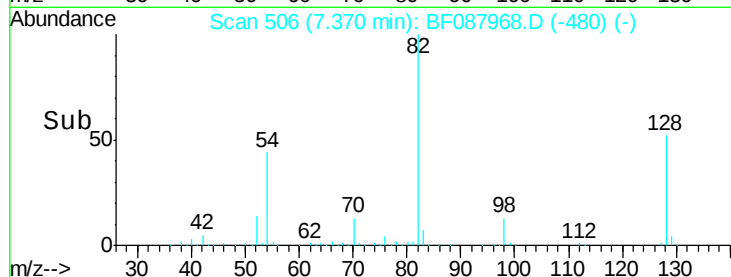
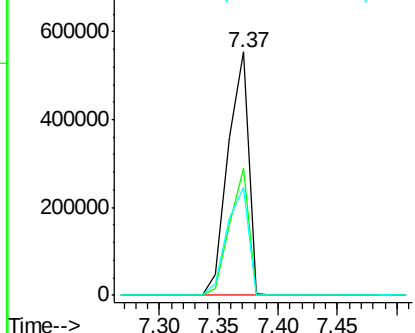
#23
 Nitrobenzene-d5
 Concen: 89.07 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Tgt Ion: 82 Resp: 663255
 Ion Ratio Lower Upper
 82 100
 128 52.4 35.9 53.9
 54 44.5 40.9 61.3

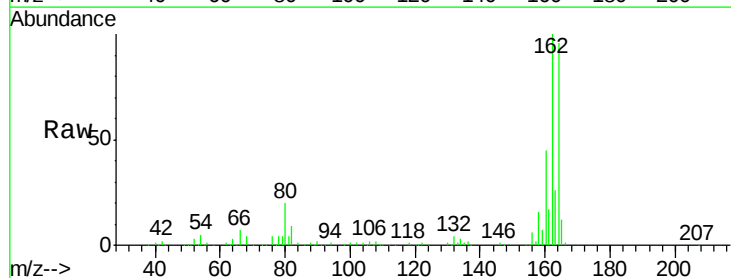


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

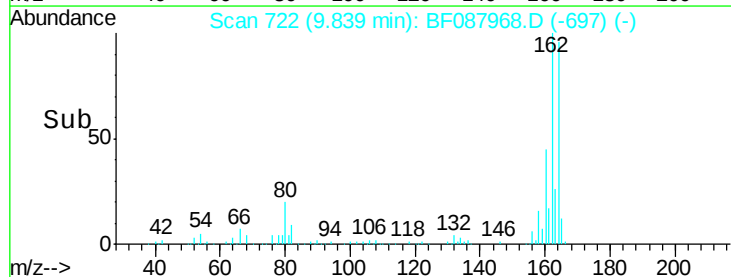
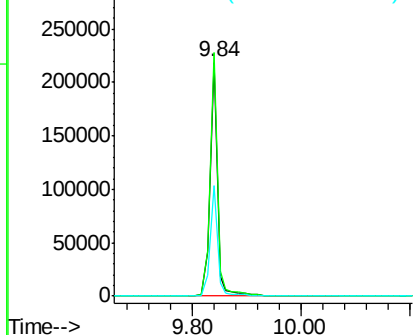


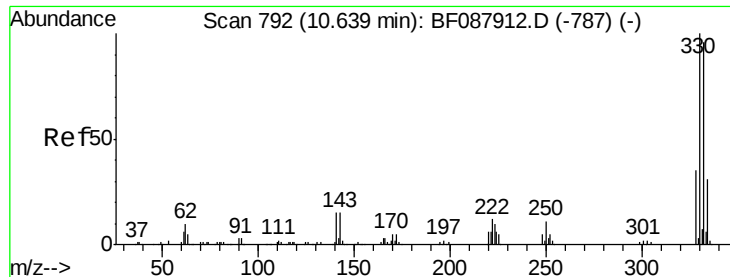
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Tgt Ion: 164 Resp: 208174
 Ion Ratio Lower Upper
 164 100
 162 104.2 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

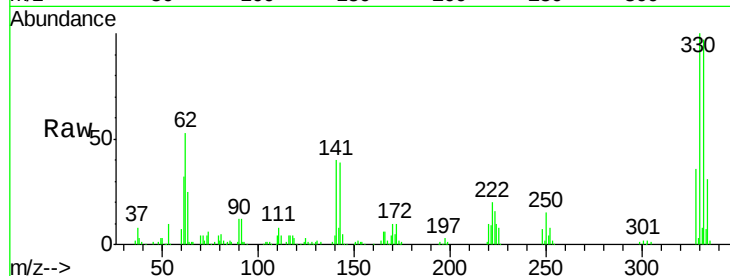




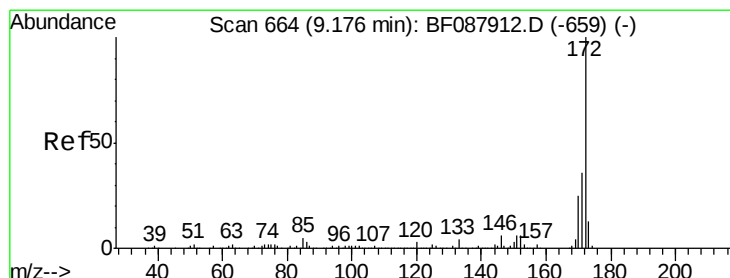
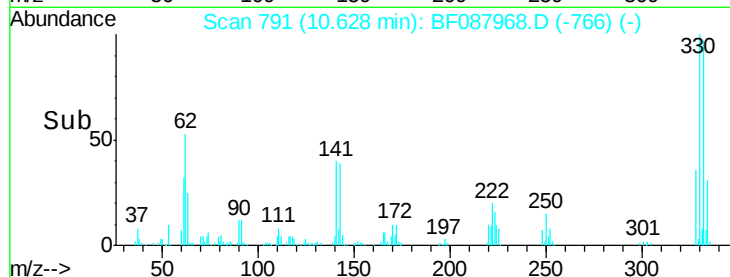
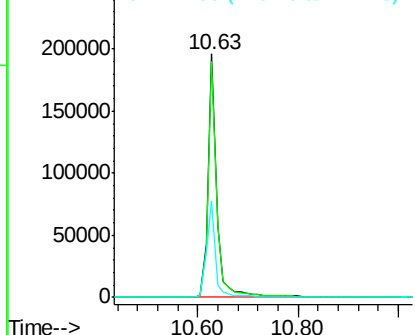
#41
 2,4,6-Tribromophenol
 Concen: 108.34 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Tgt Ion:330 Resp: 238140
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 40.5 0.0 0.0#

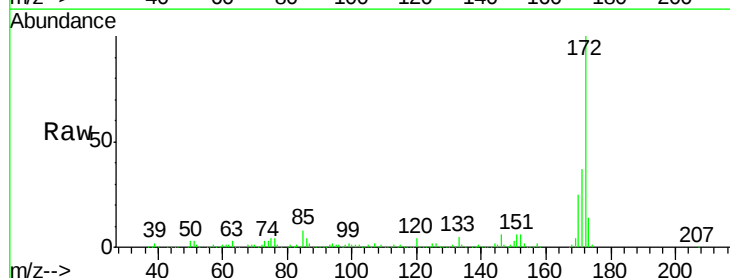


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

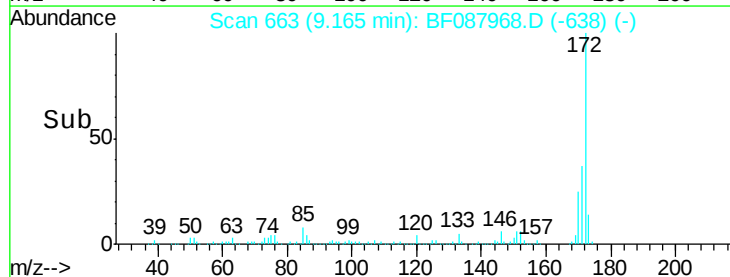
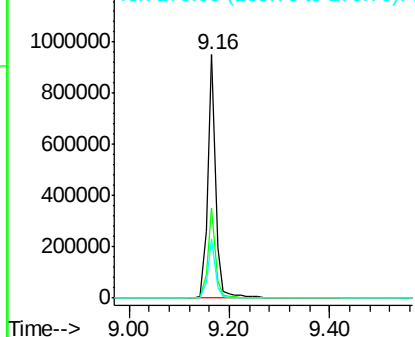


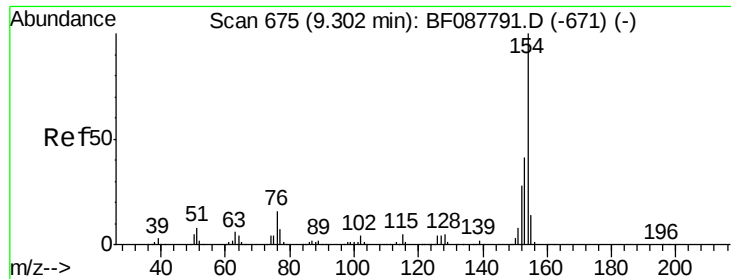
#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Tgt Ion:172 Resp: 1050151
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.6 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: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF087968.D

Acq: 13 Jun 2016 00:53

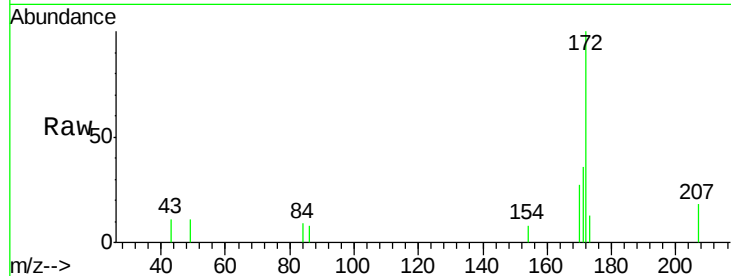
Instrument :

BNA_F

ClientSampleId :

STA-1065-(0-4)

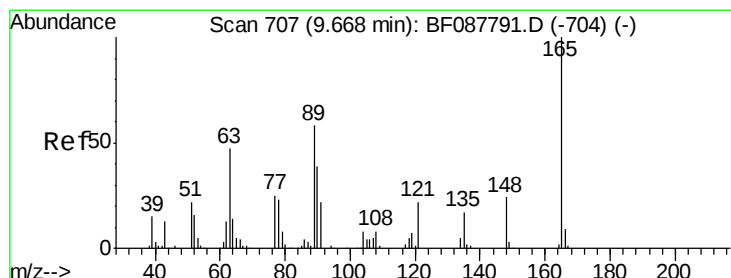
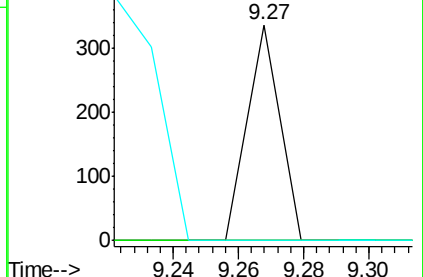
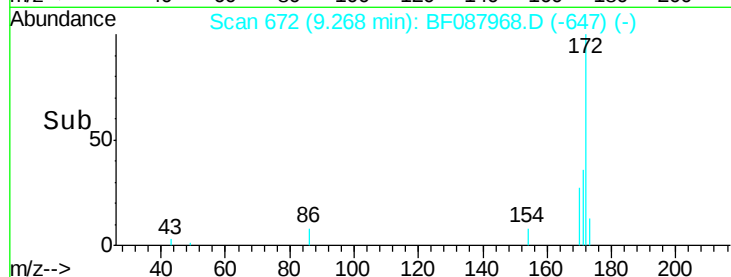
Tgt Ion:	154	Resp:	230
Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1



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



#50

2,6-Dinitrotoluene

Concen: 7.42 ng

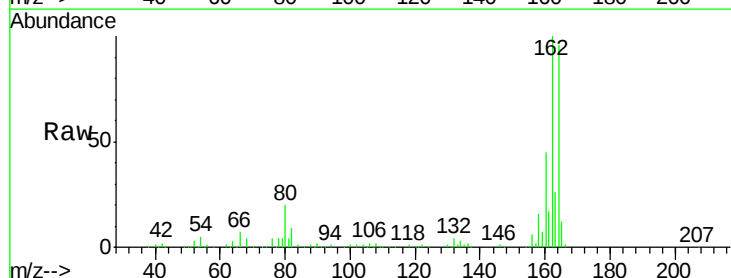
RT: 9.84 min Scan# 722

Delta R.T. 0.19 min

Lab File: BF087968.D

Acq: 13 Jun 2016 00:53

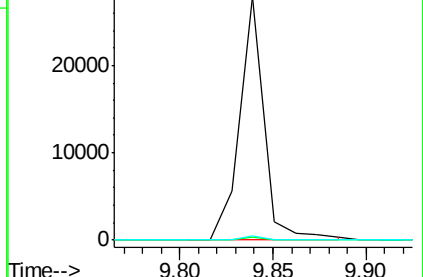
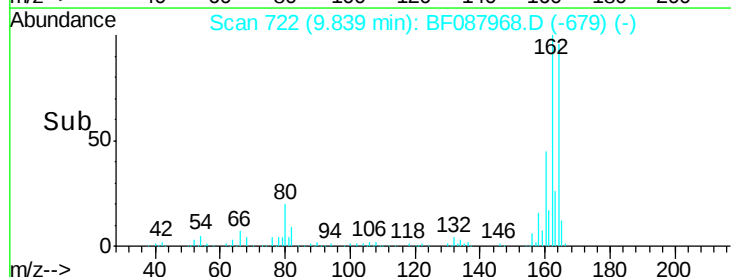
Tgt Ion:	165	Resp:	25637
Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.1	42.1#
89	1.6	32.2	48.2#

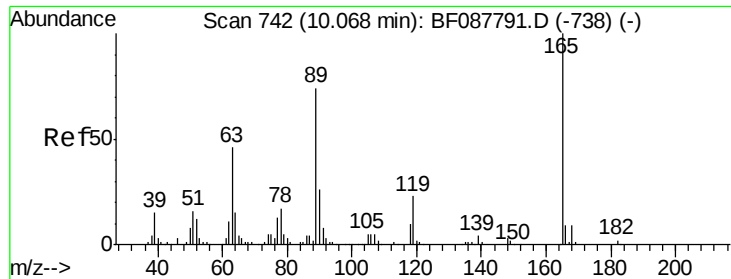


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

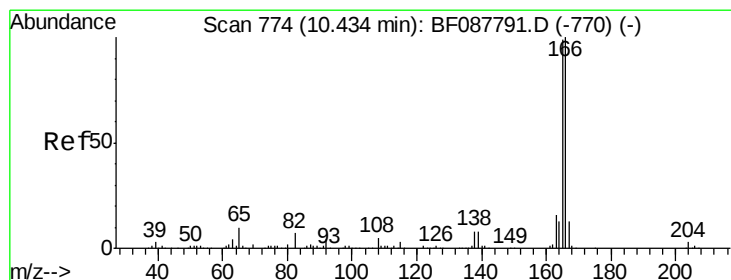
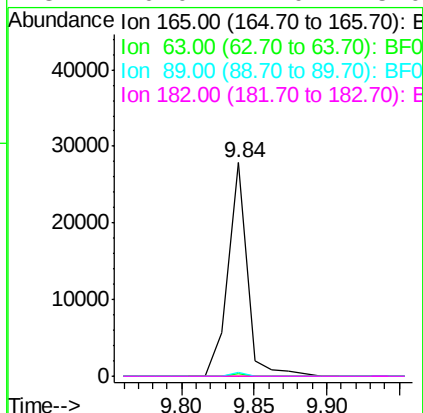
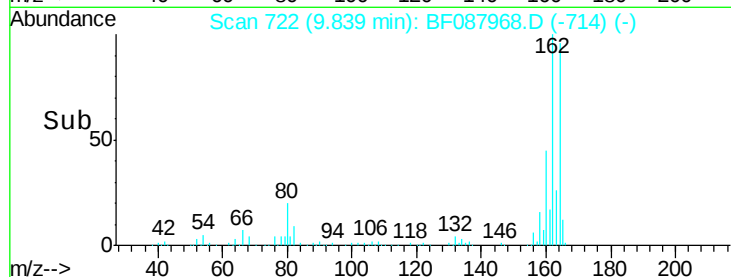
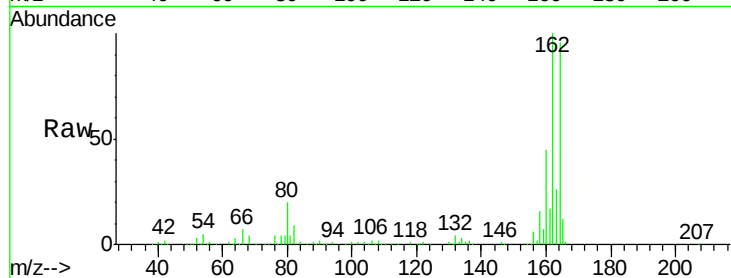




#56
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

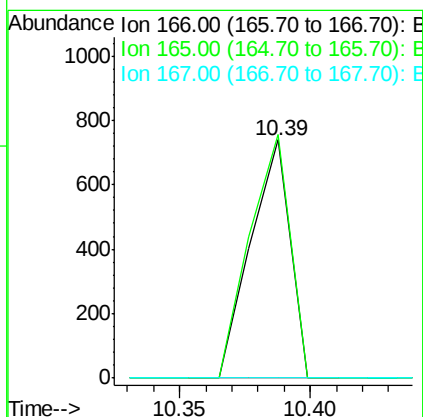
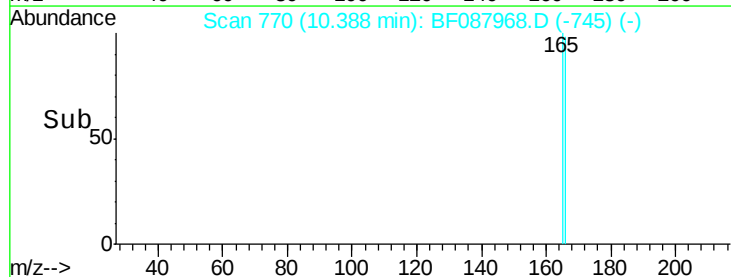
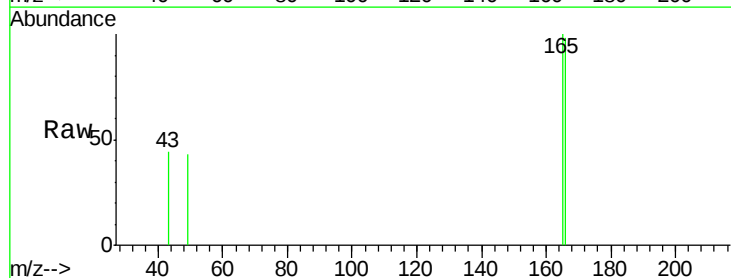
Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

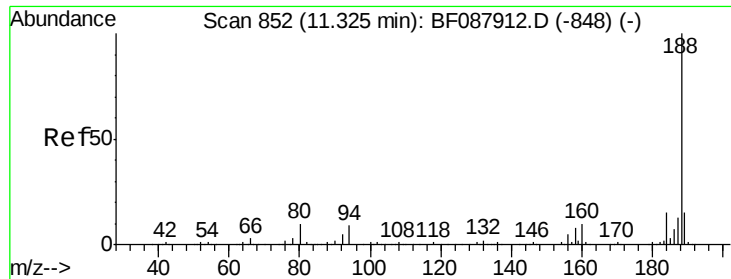
Tgt Ion:165 Resp: 25634
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.6 41.1 61.7#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

Tgt Ion:166 Resp: 782
Ion Ratio Lower Upper
166 100
165 102.3 77.8 116.8
167 0.0 11.2 16.8#

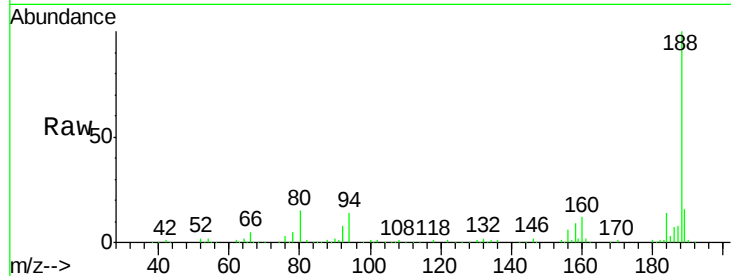




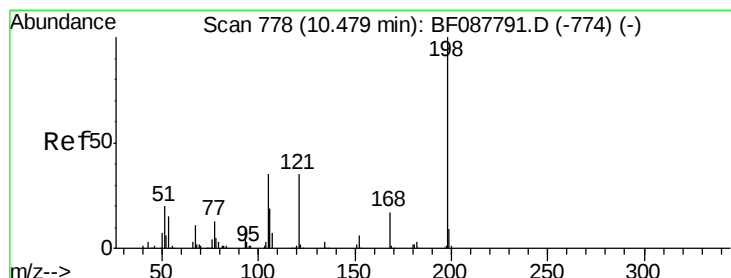
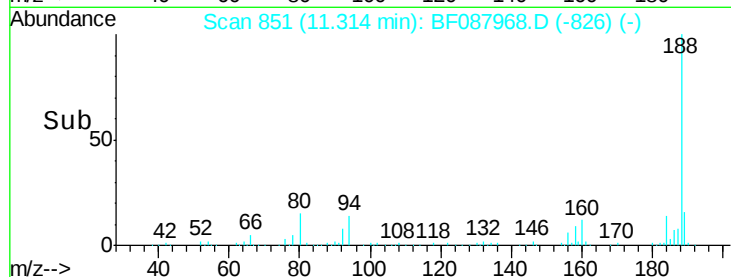
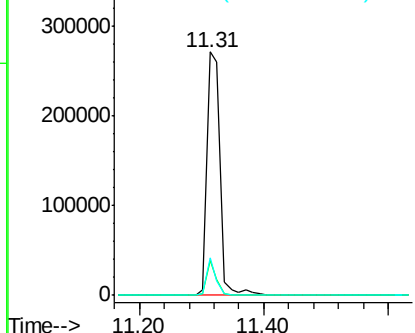
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

Tgt Ion:188 Resp: 396319
Ion Ratio Lower Upper
188 100
94 14.3 9.0 13.6#
80 15.3 10.0 15.0#

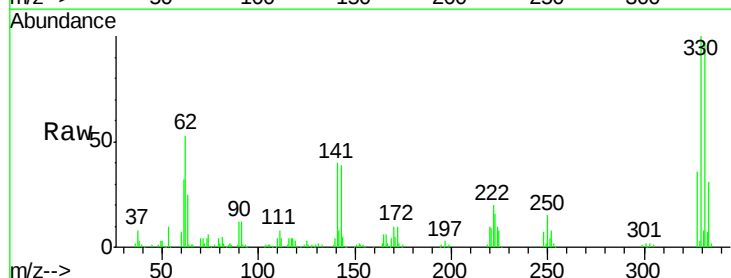


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

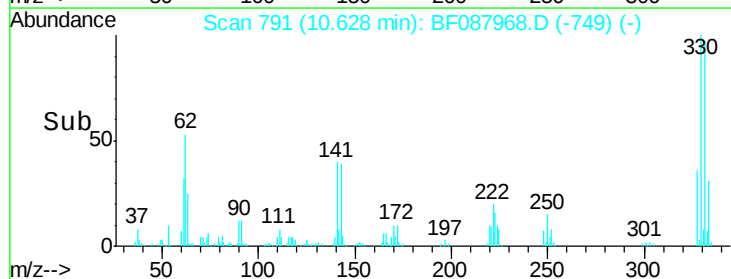
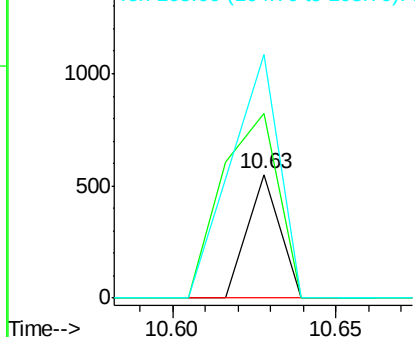


#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.18 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

Tgt Ion:198 Resp: 377
Ion Ratio Lower Upper
198 100
51 150.0 39.6 79.6#
105 197.3 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

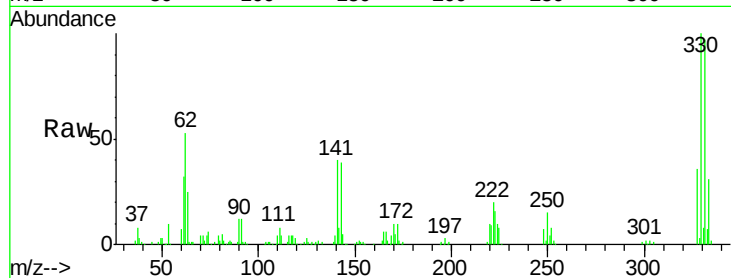




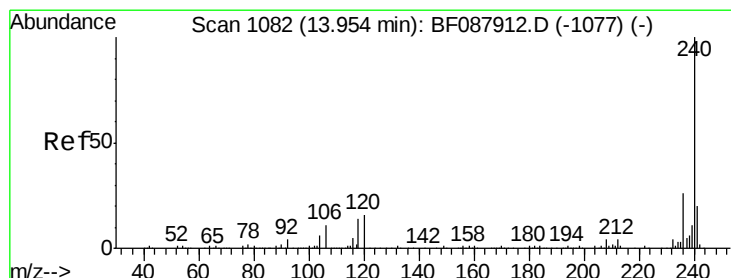
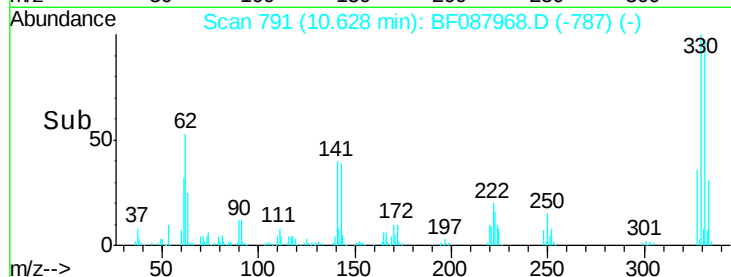
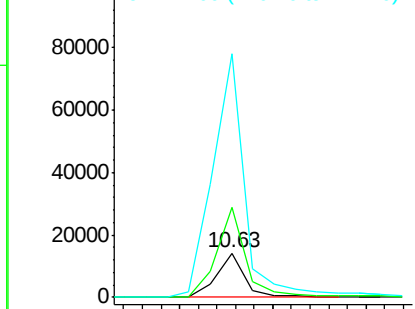
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

Instrument :
BNA_F
ClientSampleId :
STA-1065-(0-4)

Tgt Ion:248 Resp: 14983
Ion Ratio Lower Upper
248 100
250 205.0 77.1 115.7#
141 552.7 50.6 76.0#

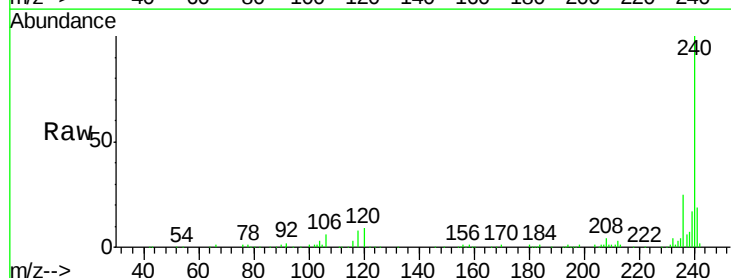


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

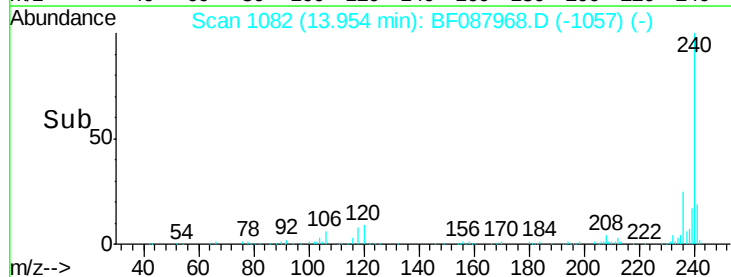
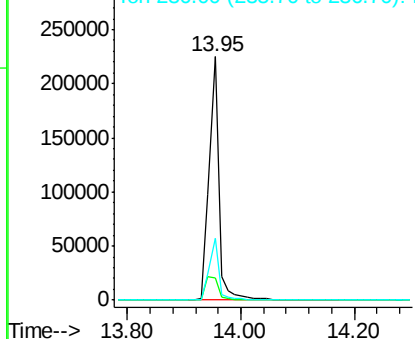


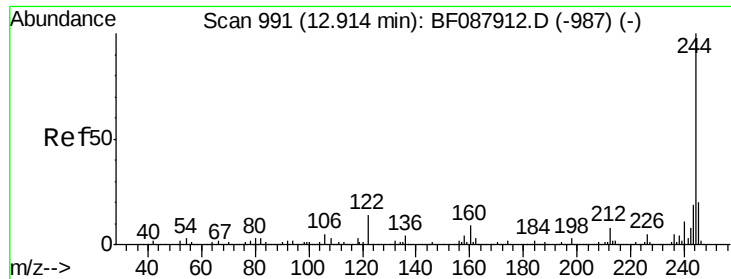
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087968.D
Acq: 13 Jun 2016 00:53

Tgt Ion:240 Resp: 257703
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.3 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

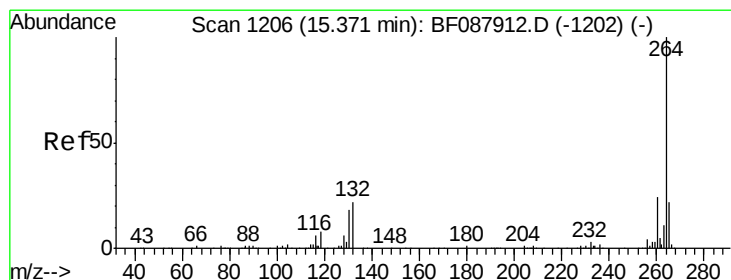
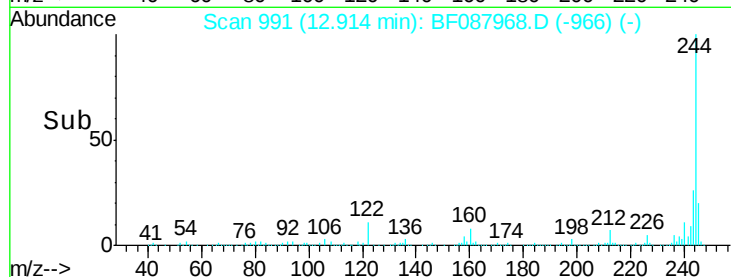
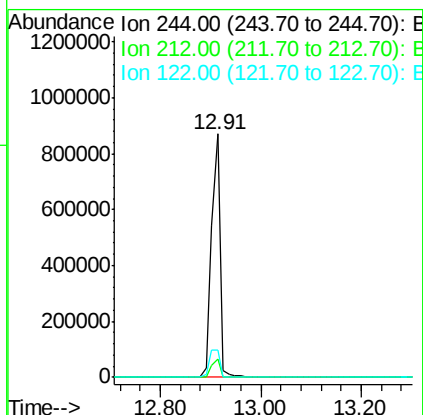
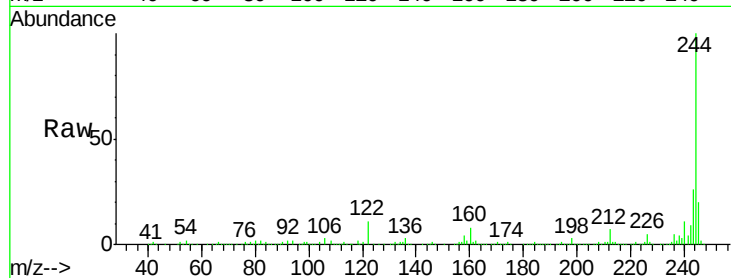




#78
 Terphenyl-d14
 Concen: 91.66 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 STA-1065-(0-4)

Tgt Ion:244 Resp: 1037983
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.1 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF087968.D
 Acq: 13 Jun 2016 00:53

Tgt Ion:264 Resp: 128217
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.4 16.9 25.3

