

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061915\
 Data File : BF080067.D
 Acq On : 19 Jun 2015 19:55
 Operator : TP/IZ
 Sample : G2697-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-JMW0961-9015

Quant Time: Jun 20 01:04:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

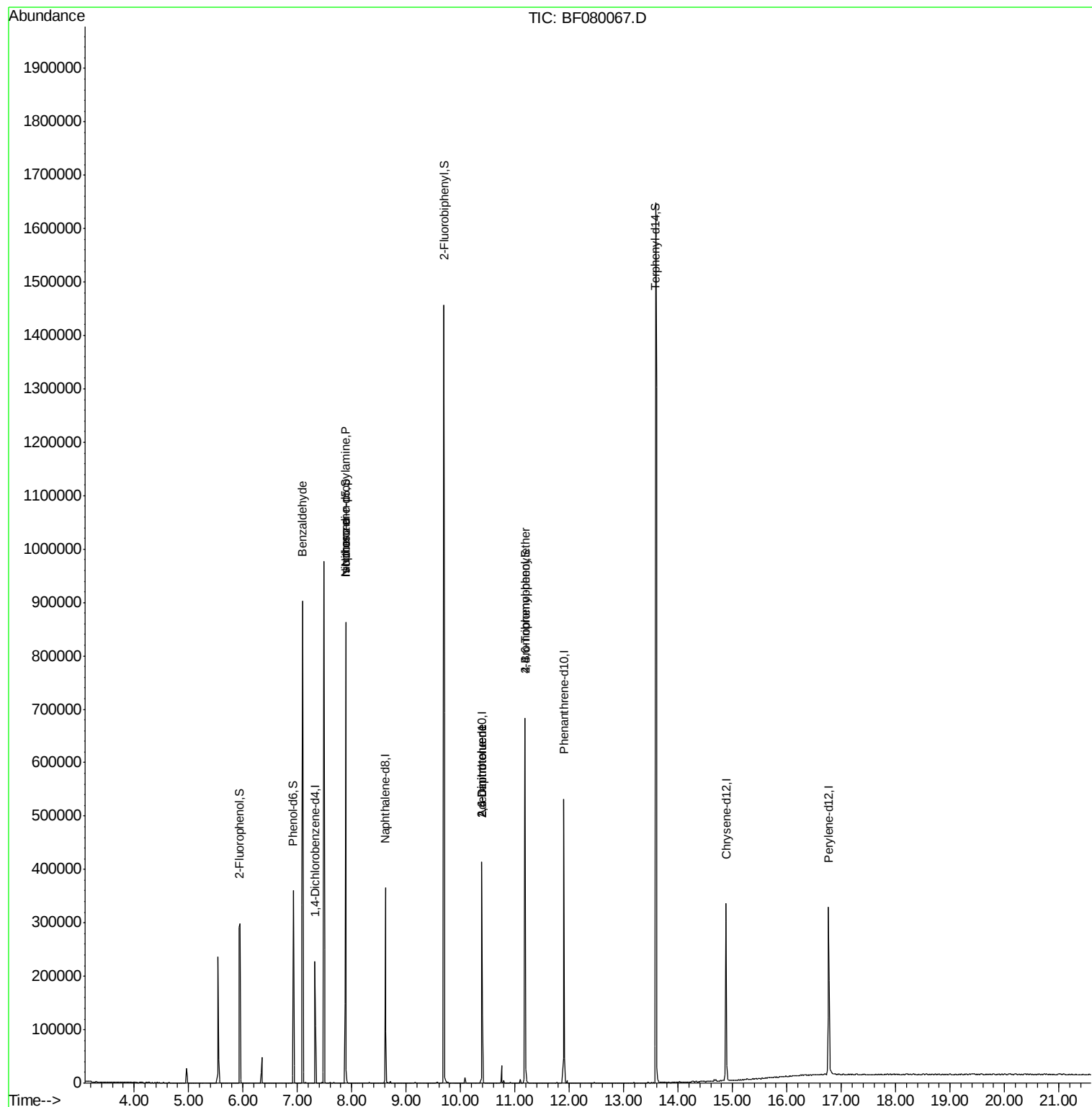
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	38339	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	160863	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	83496	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	180675	20.00	ng	-0.01
75) Chrysene-d12	14.88	240	185679	20.00	ng	0.02
86) Perylene-d12	16.77	264	179451	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	119254	55.06	ng	0.00
7) Phenol-d6	6.93	99	104334	36.20	ng	-0.01
23) Nitrobenzene-d5	7.89	82	248983	90.11	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	121930	149.34	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	520386	88.88	ng	-0.01
78) Terphenyl-d14	13.59	244	750544	94.40	ng	0.00
Target Compounds						
9) Benzaldehyde	7.10	77	5585	3.36	ng	# 62
19) n-Nitroso-di-n-propylamine	7.89	70	30748	15.37	ng	# 59
25) Isophorone	7.89	82	248975	44.77	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	10396	8.26	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	10393	6.51	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	8310	4.33	ng	# 1

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

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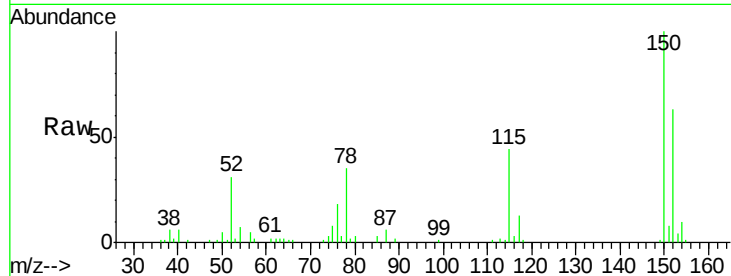


#1

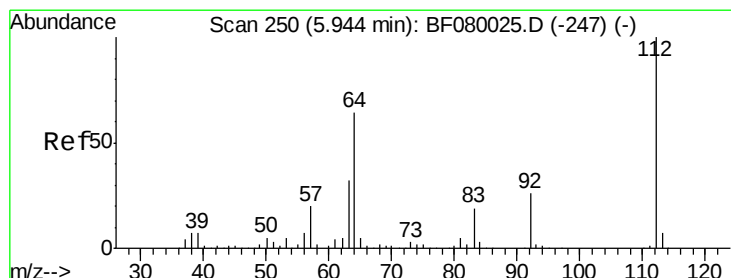
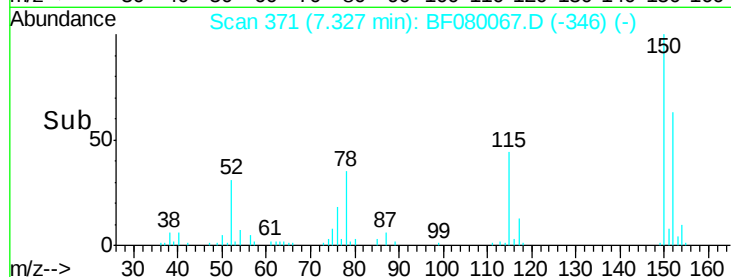
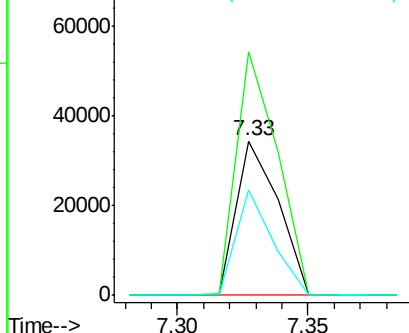
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SP15-JMW0961-9015

Tgt Ion:152 Resp: 38339
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.7 187.1
 115 68.7 39.0 58.4#



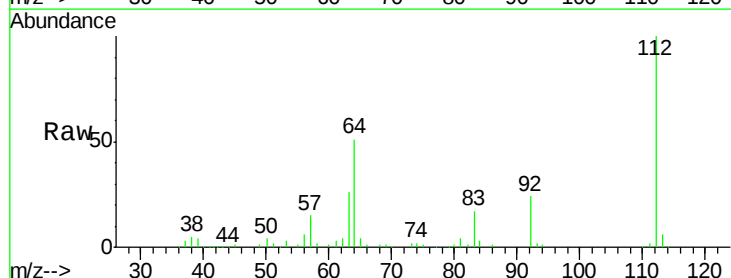
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



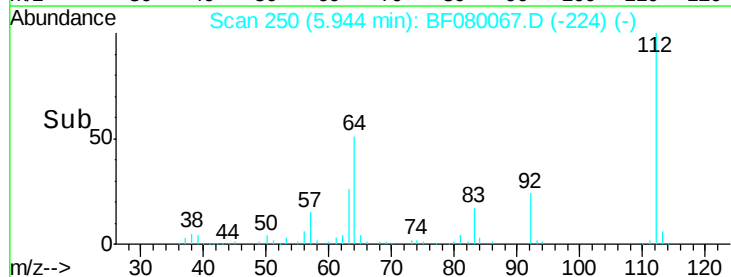
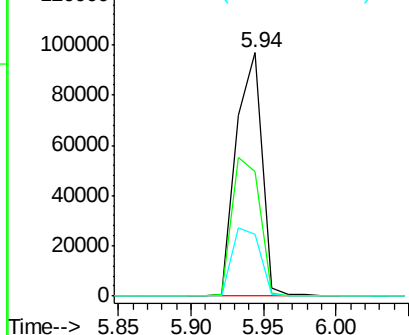
#5

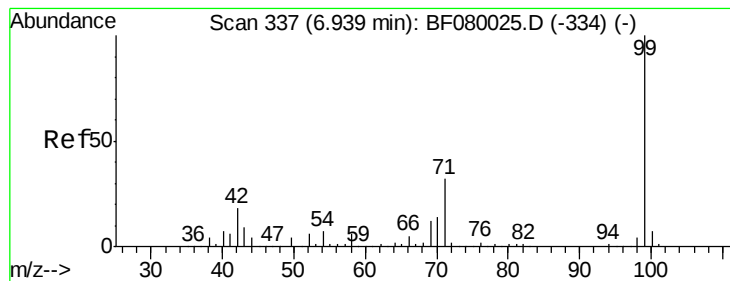
2-Fluorophenol
 Concen: 55.06 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Tgt Ion:112 Resp: 119254
 Ion Ratio Lower Upper
 112 100
 64 51.0 39.7 59.5
 63 25.5 17.4 26.0



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: 36.20 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080067.D

Acq: 19 Jun 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SP15-JMW0961-9015

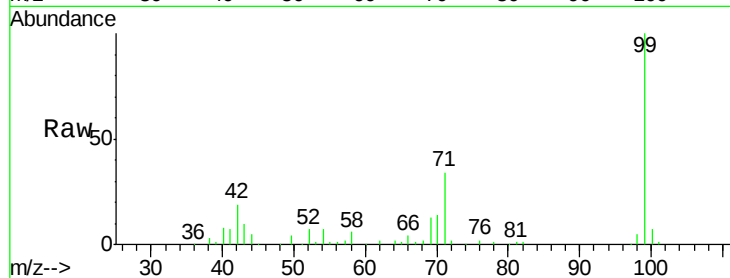
Tgt Ion: 99 Resp: 104334

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

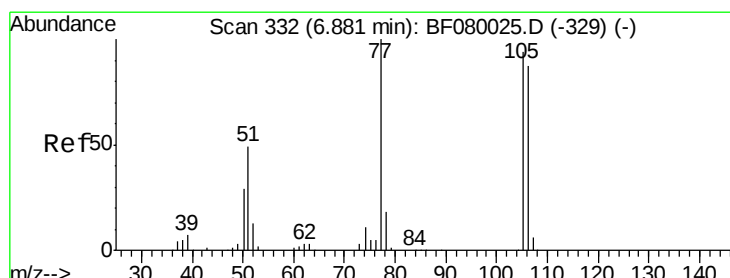
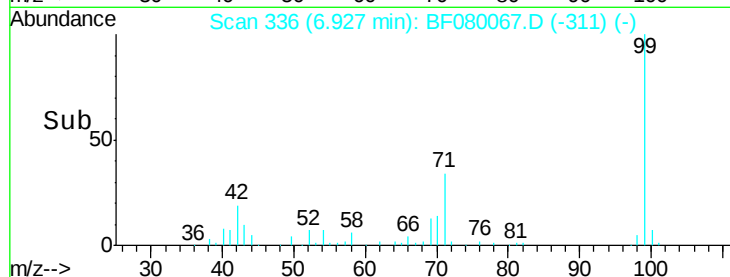
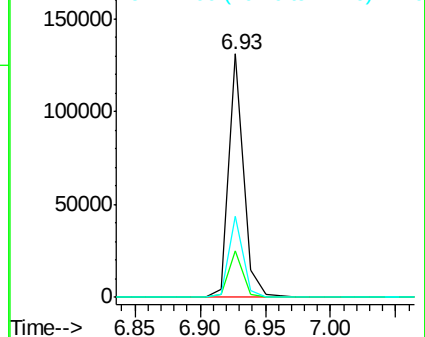
71 33.6 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.36 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.22 min

Lab File: BF080067.D

Acq: 19 Jun 2015 19:55

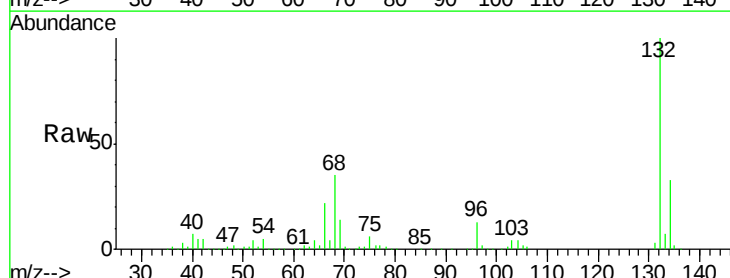
Tgt Ion: 77 Resp: 5585

Ion Ratio Lower Upper

77 100

105 81.6 91.6 131.6#

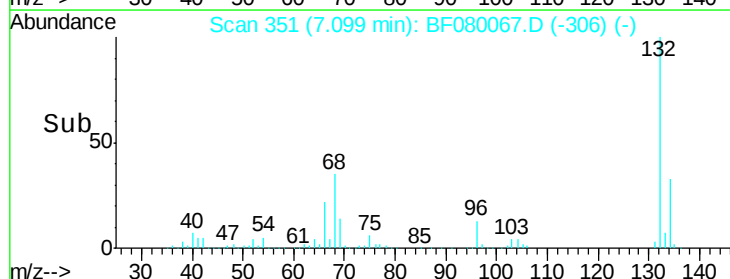
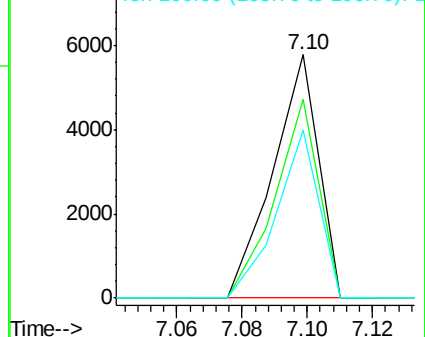
106 69.0 102.6 142.6#

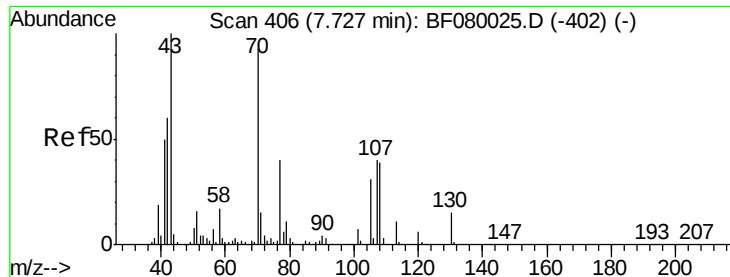


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

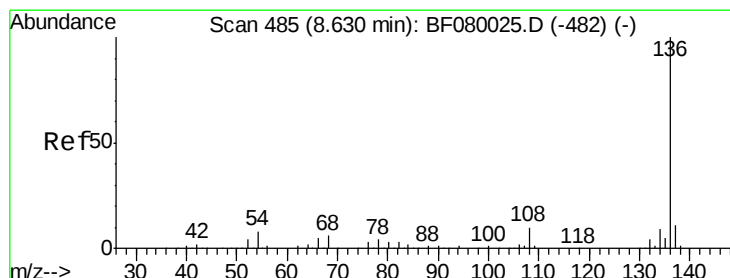
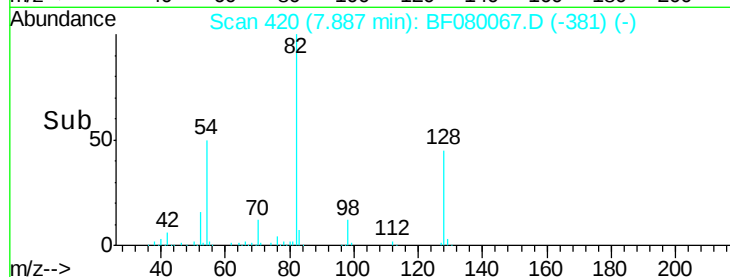
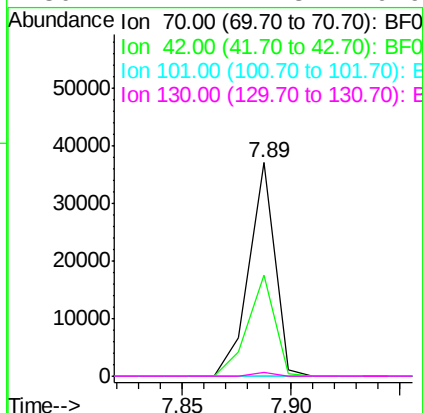
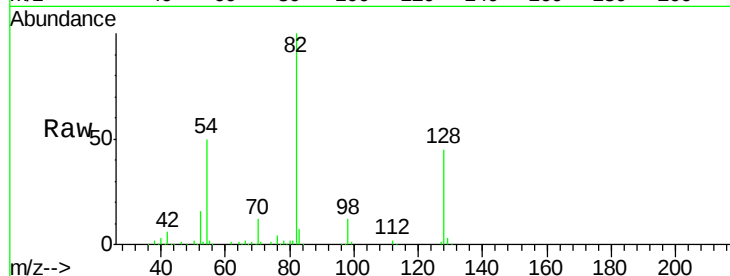




#19
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF080067.D
Acq: 19 Jun 2015 19:55

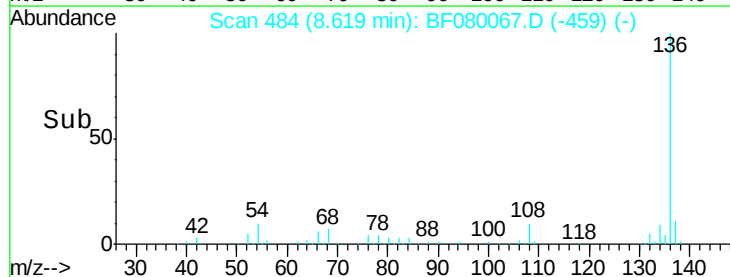
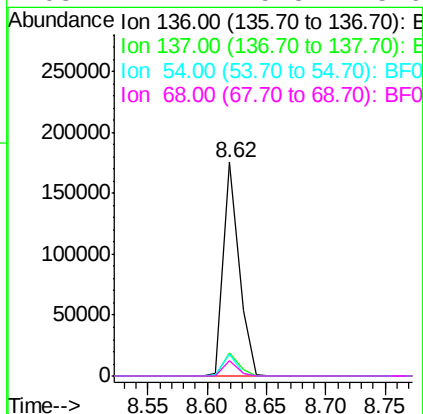
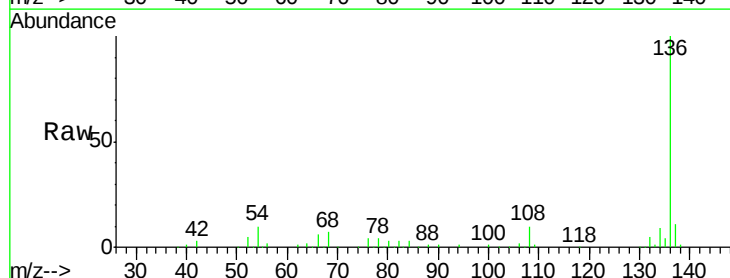
Instrument :
BNA_F
ClientSampleId :
SP15-JMW0961-9015

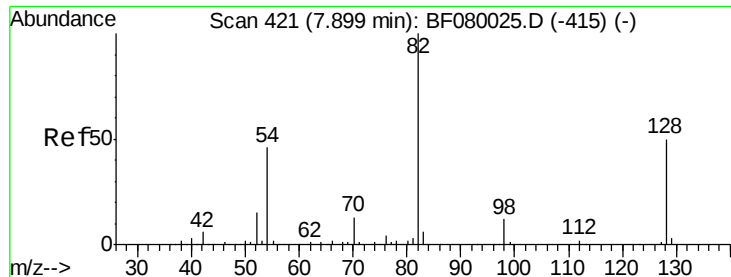
Tgt Ion: 70 Resp: 30748
Ion Ratio Lower Upper
70 100
42 47.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080067.D
Acq: 19 Jun 2015 19:55

Tgt Ion: 136 Resp: 160863
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.1 8.2 12.2
68 7.1 5.8 8.6

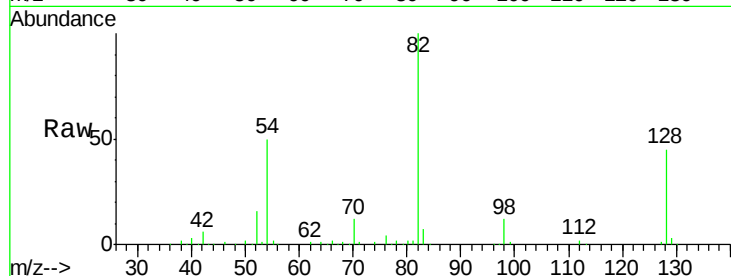




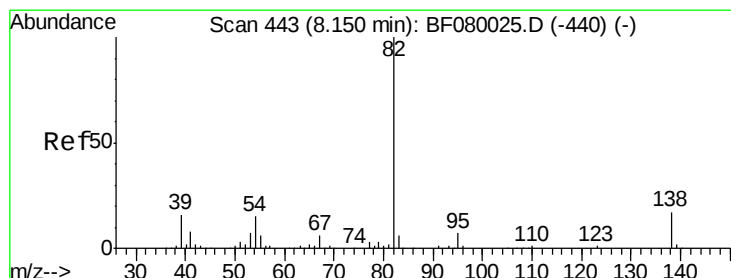
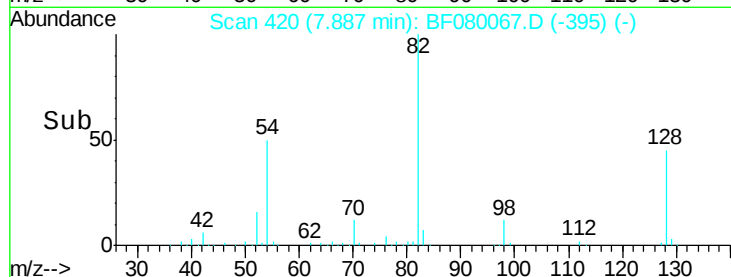
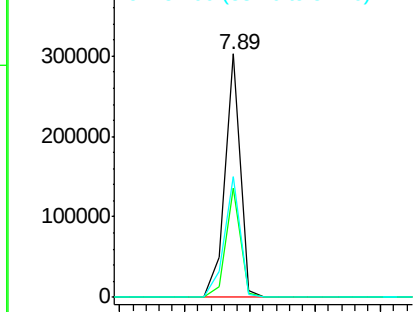
#23
 Nitrobenzene-d5
 Concen: 90.11 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SP15-JMW0961-9015

Tgt Ion: 82 Resp: 248983
 Ion Ratio Lower Upper
 82 100
 128 44.6 51.0 76.6#
 54 49.7 47.5 71.3

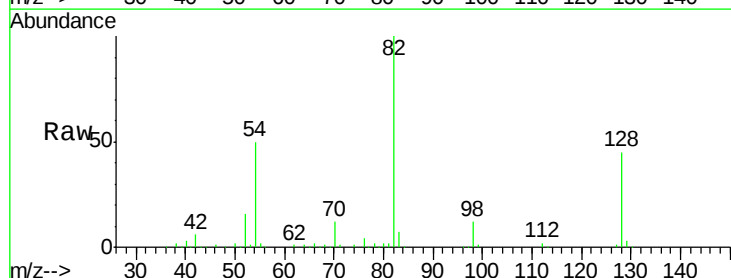


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

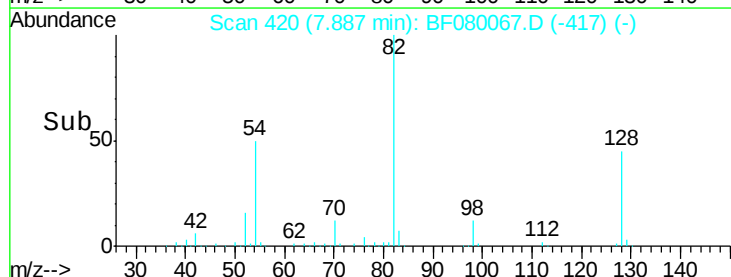
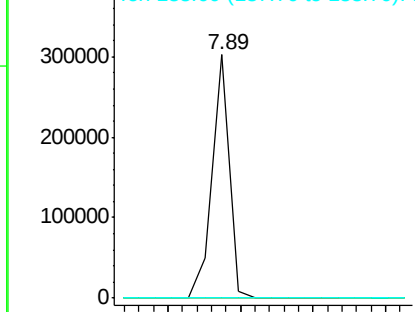


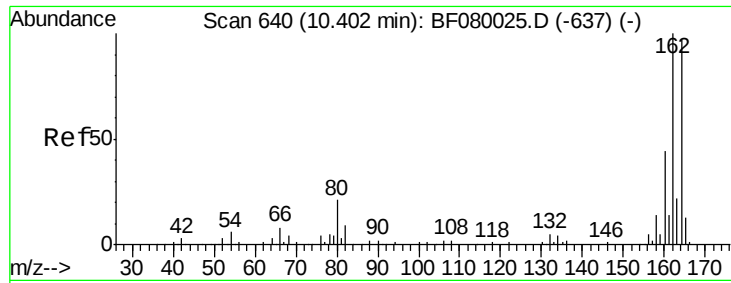
#25
 Isophorone
 Concen: 44.77 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.26 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Tgt Ion: 82 Resp: 248975
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080067.D

Acq: 19 Jun 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SP15-JMW0961-9015

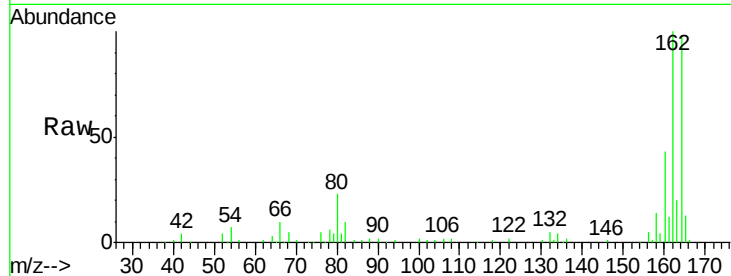
Tgt Ion:164 Resp: 83496

Ion Ratio Lower Upper

164 100

162 101.9 75.2 112.8

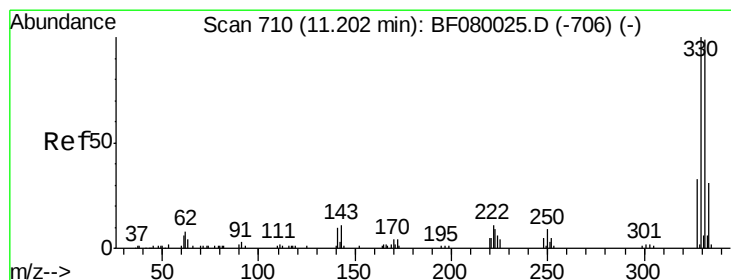
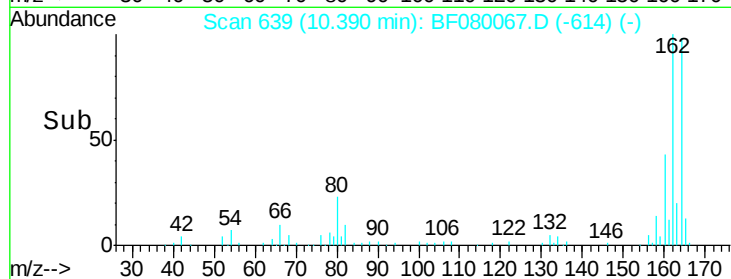
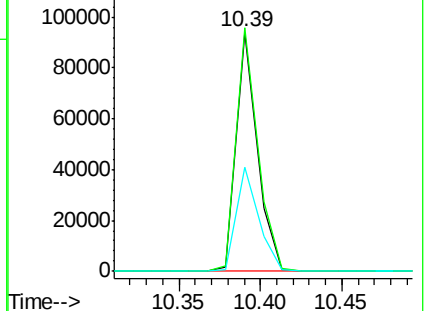
160 43.6 31.5 47.3



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: 149.34 ng

RT: 11.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF080067.D

Acq: 19 Jun 2015 19:55

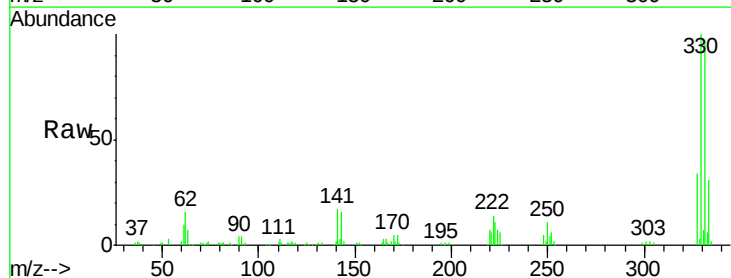
Tgt Ion:330 Resp: 121930

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

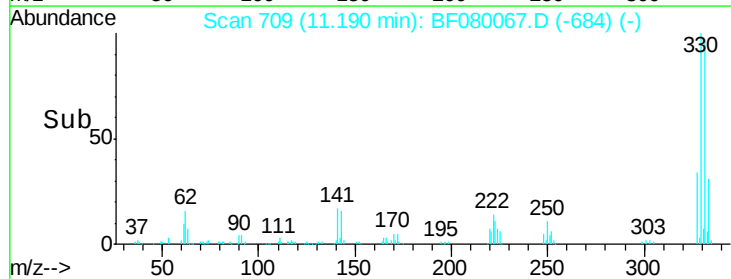
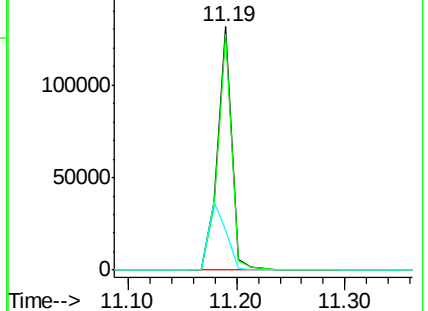
141 34.3 29.7 44.5

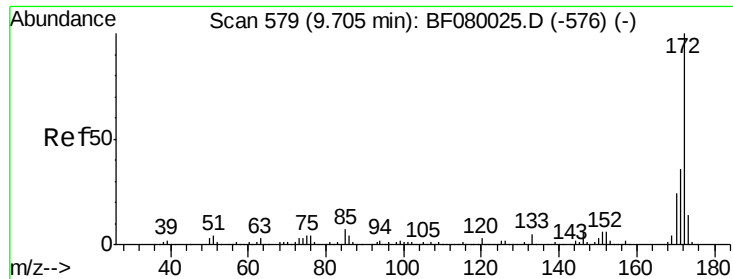


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

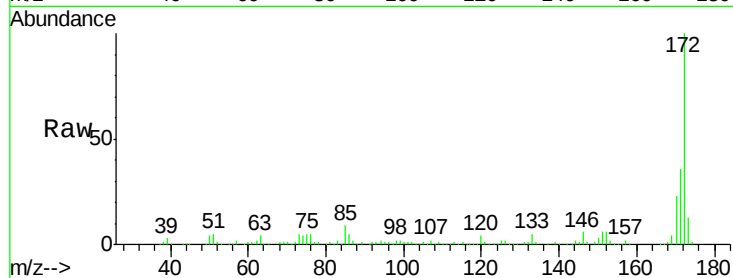




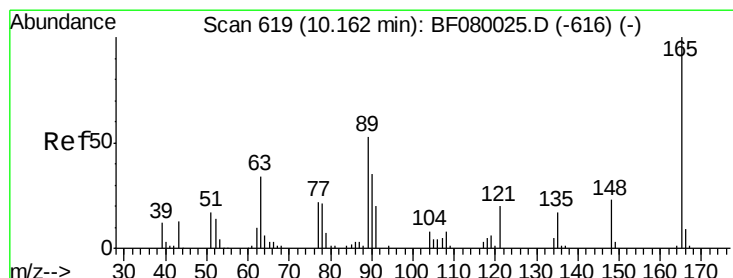
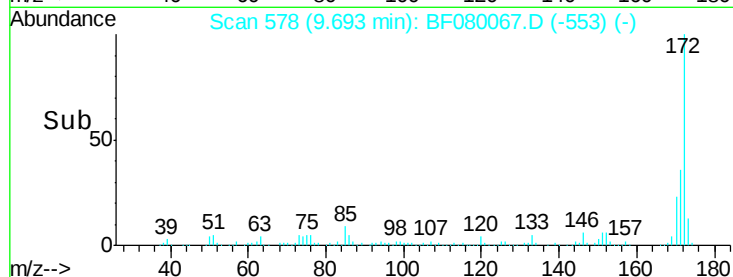
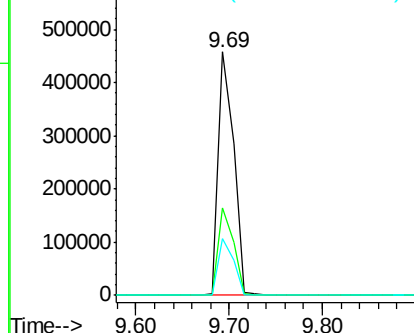
#44
 2-Fluorobiphenyl
 Concen: 88.88 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Instrument :
 BNA_F
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 SP15-JMW0961-9015

Tgt Ion:172 Resp: 520386
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.4 17.4 26.2

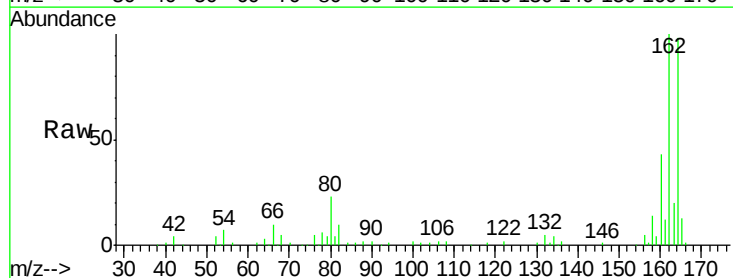


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

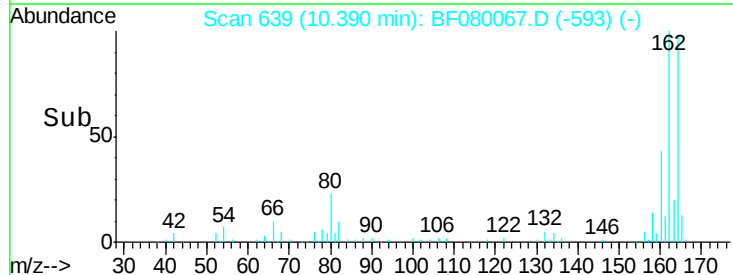
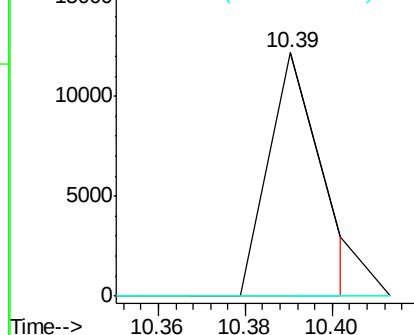


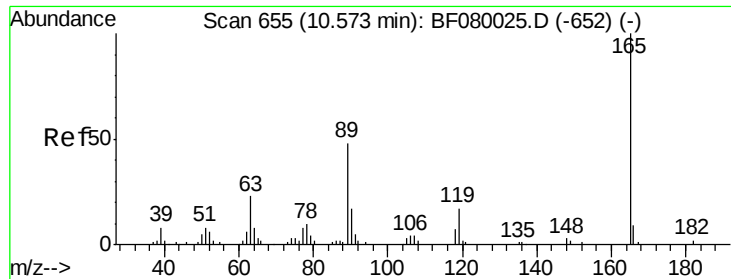
#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Tgt Ion:165 Resp: 10396
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#



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

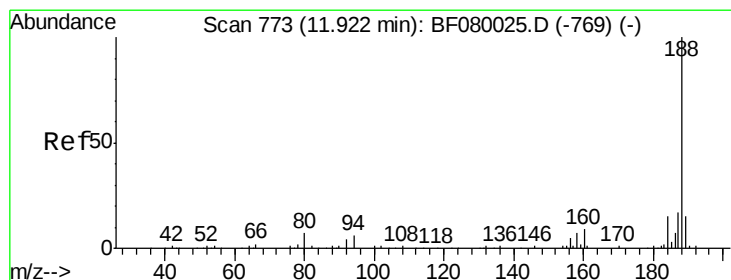
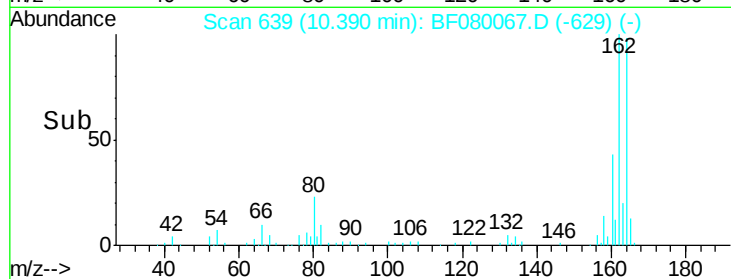
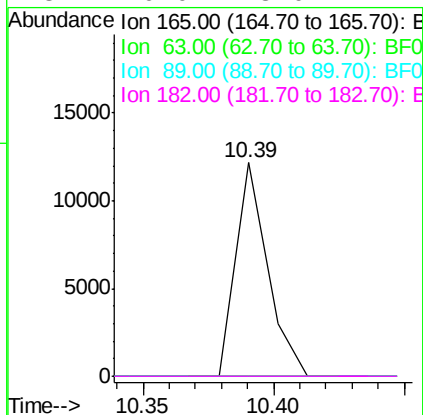
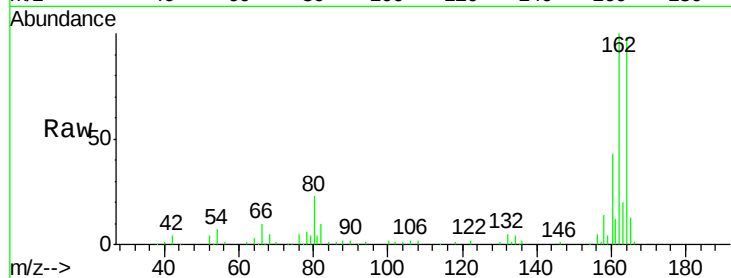




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

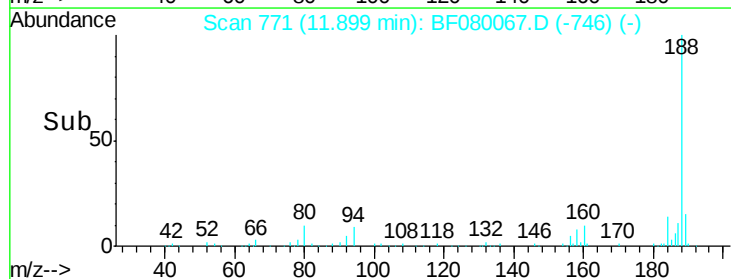
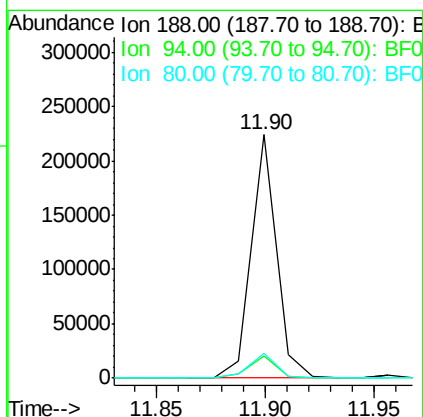
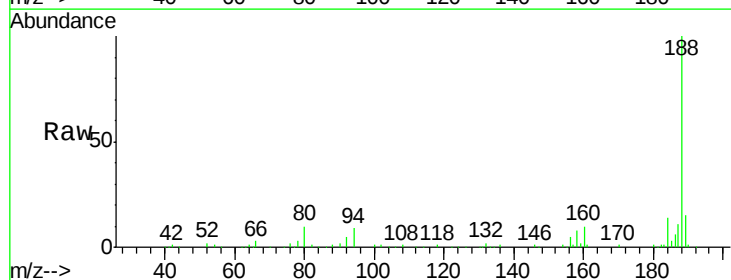
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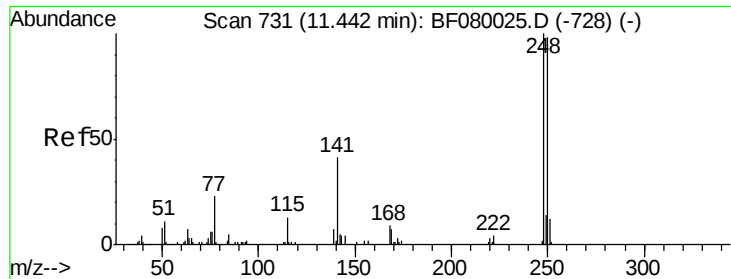
Tgt Ion:	165	Resp:	10393
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Tgt Ion:	188	Resp:	180675
Ion Ratio	Lower	Upper	
188	100		
94	9.2	11.1	16.7#
80	10.1	11.0	16.4#

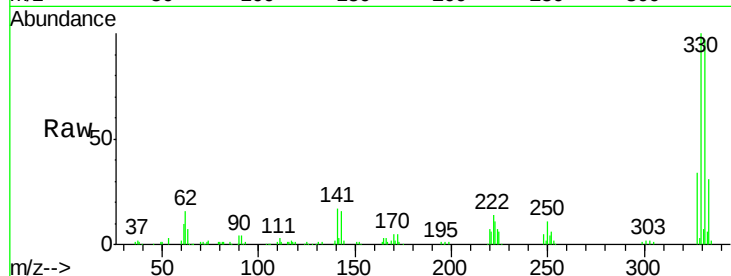




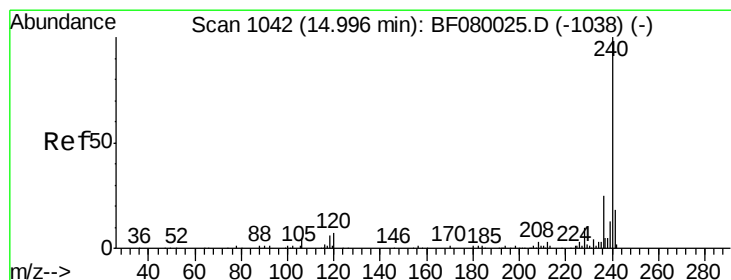
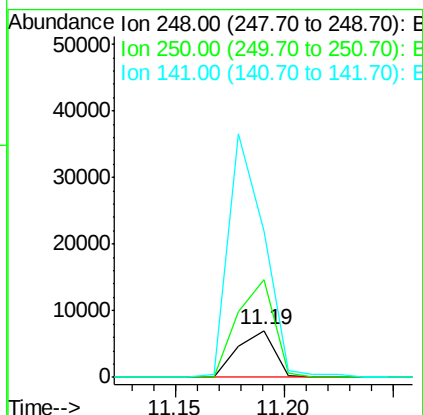
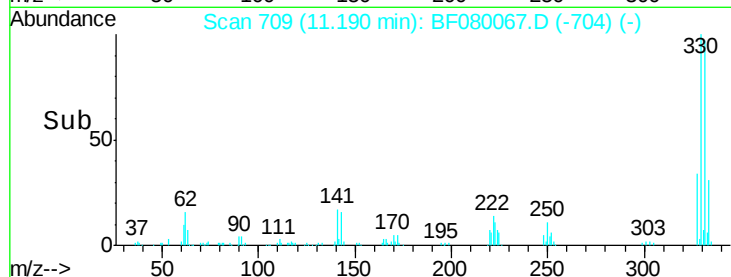
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF080067.D
Acq: 19 Jun 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SP15-JMW0961-9015

Tgt Ion:248 Resp: 8310
Ion Ratio Lower Upper
248 100
250 208.0 78.5 117.7#
141 312.6 59.0 88.6#

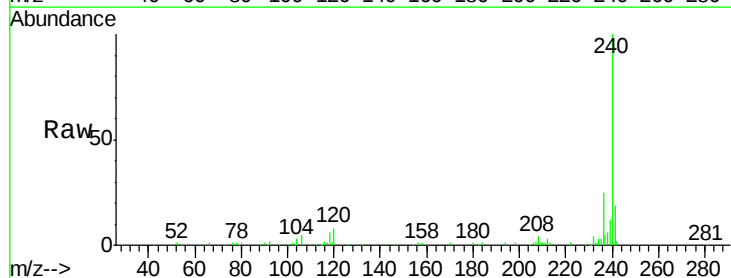


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

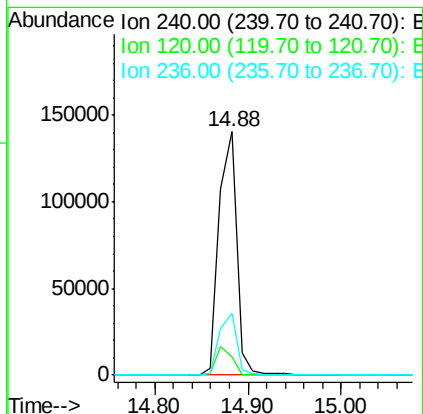
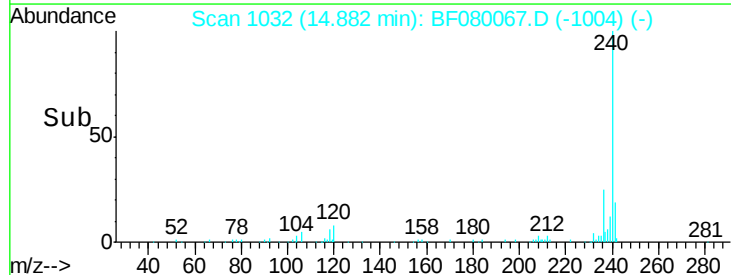


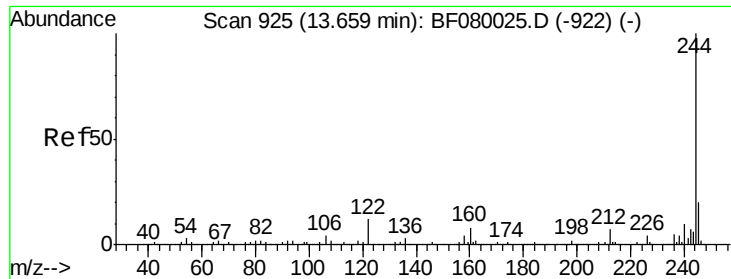
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.88 min Scan# 1032
Delta R.T. 0.02 min
Lab File: BF080067.D
Acq: 19 Jun 2015 19:55

Tgt Ion:240 Resp: 185679
Ion Ratio Lower Upper
240 100
120 7.5 16.2 24.2#
236 25.4 18.4 27.6



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

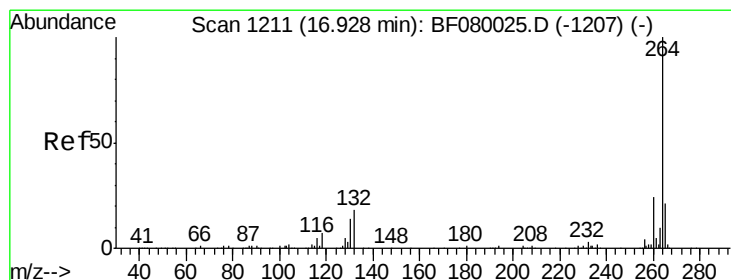
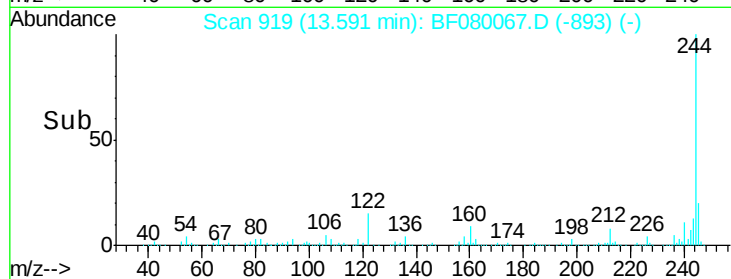
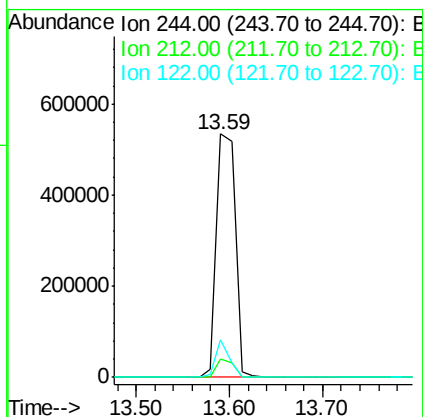
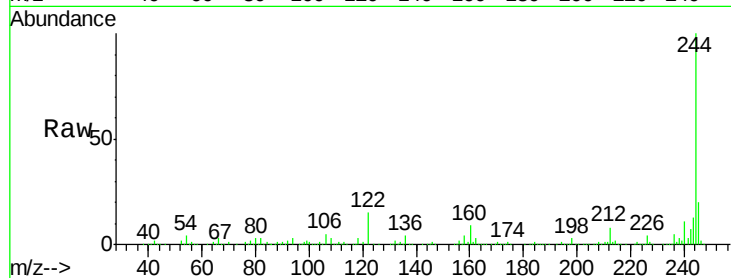




#78
 Terphenyl-d14
 Concen: 94.40 ng
 RT: 13.59 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SP15-JMW0961-9015

Tgt Ion:244 Resp: 750544
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 15.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1197
 Delta R.T. 0.02 min
 Lab File: BF080067.D
 Acq: 19 Jun 2015 19:55

Tgt Ion:264 Resp: 179451
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.6 17.2 25.8

