

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080167.D
 Acq On : 25 Jun 2015 15:47
 Operator : TP/IZ
 Sample : G2734-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jun 26 01:20:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

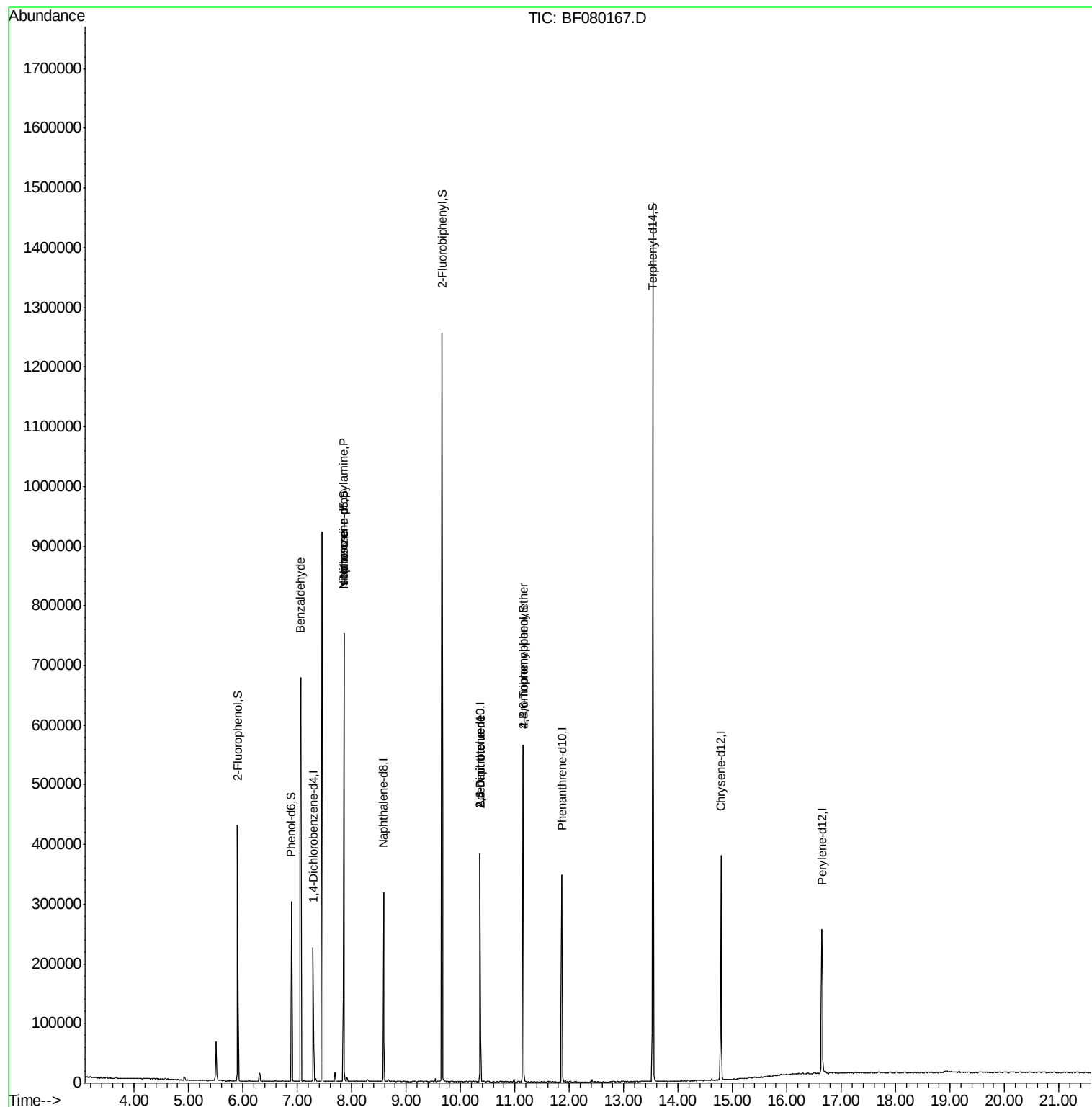
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33794	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	133328	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	70323	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	137107	20.00	ng	0.00
75) Chrysene-d12	14.79	240	144163	20.00	ng	-0.03
86) Perylene-d12	16.64	264	140317	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	112730	59.05	ng	0.00
7) Phenol-d6	6.89	99	90559	35.65	ng	-0.01
23) Nitrobenzene-d5	7.85	82	216885	94.70	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	93287	135.66	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	410983	83.34	ng	-0.01
78) Terphenyl-d14	13.53	244	582048	94.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.06	77	4638	3.16	ng	# 74
19) n-Nitroso-di-n-propylamine	7.85	70	27721	15.72	ng	# 58
25) Isophorone	7.85	82	184927	40.12	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	9096	8.58	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	9096	6.76	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	6717	4.61	ng	# 1

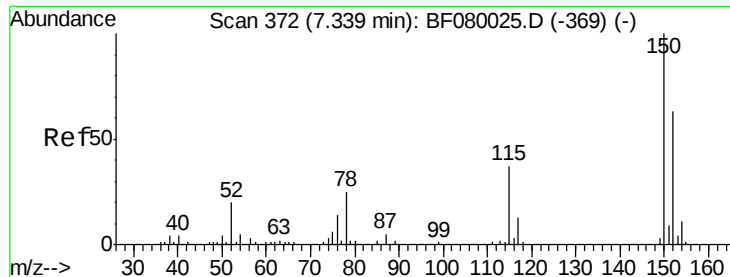
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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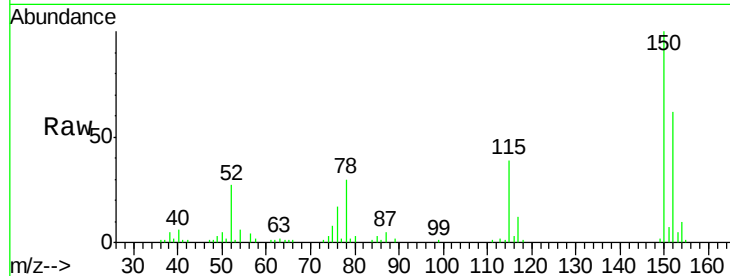


#1

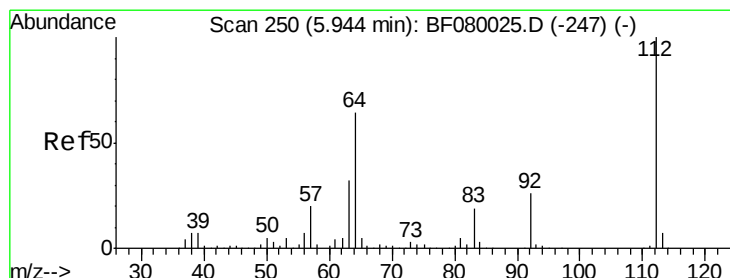
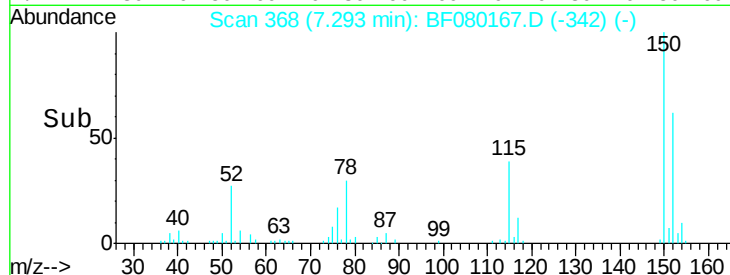
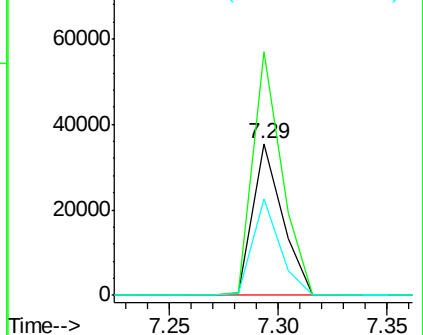
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080167.D
Acq: 25 Jun 2015 15:47

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:152 Resp: 33794
Ion Ratio Lower Upper
152 100
150 160.5 124.7 187.1
115 63.3 39.0 58.4#



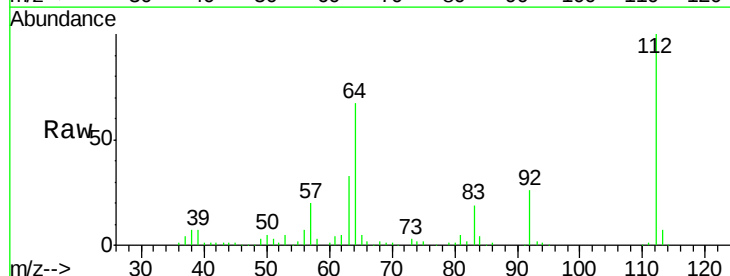
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



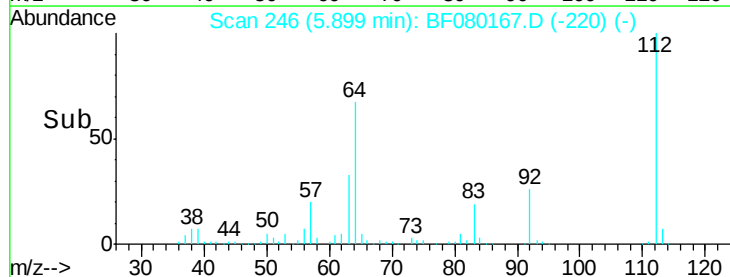
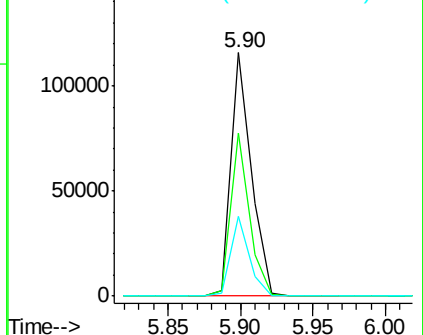
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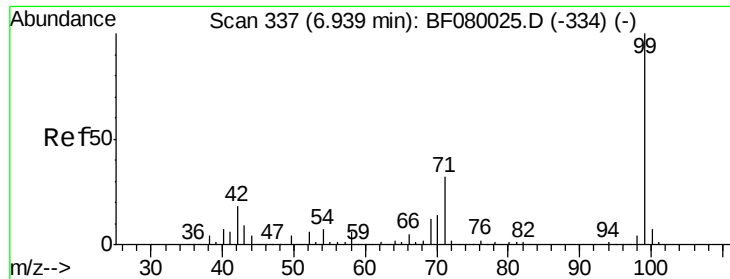
2-Fluorophenol
Concen: 59.05 ng
RT: 5.90 min Scan# 246
Delta R.T. 0.00 min
Lab File: BF080167.D
Acq: 25 Jun 2015 15:47

Tgt Ion:112 Resp: 112730
Ion Ratio Lower Upper
112 100
64 66.9 39.7 59.5#
63 32.9 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: 35.65 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080167.D

Acq: 25 Jun 2015 15:47

Instrument :

BNA_F

ClientSampled :

FB

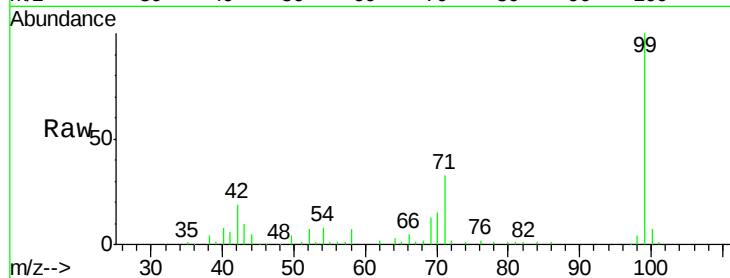
Tgt Ion: 99 Resp: 90559

Ion Ratio Lower Upper

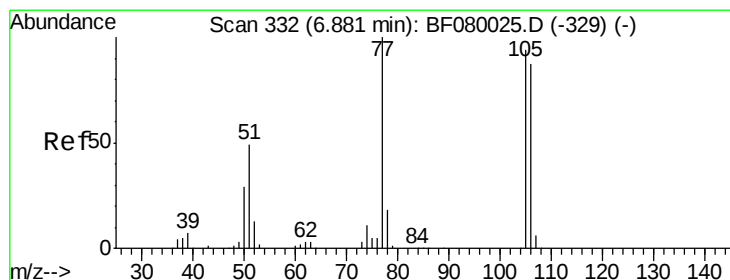
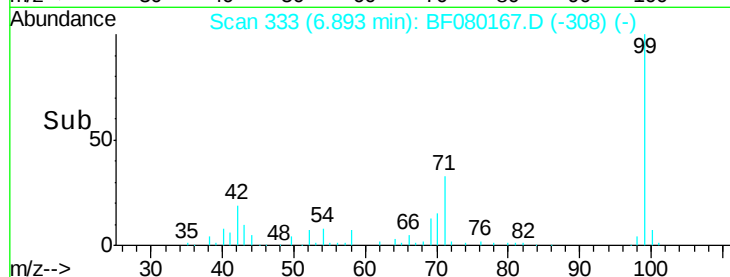
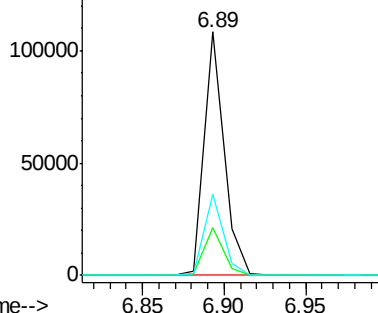
99 100

42 19.5 13.7 20.5

71 33.1 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: 3.16 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.22 min

Lab File: BF080167.D

Acq: 25 Jun 2015 15:47

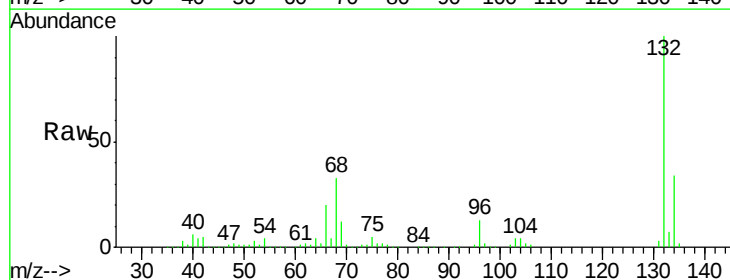
Tgt Ion: 77 Resp: 4638

Ion Ratio Lower Upper

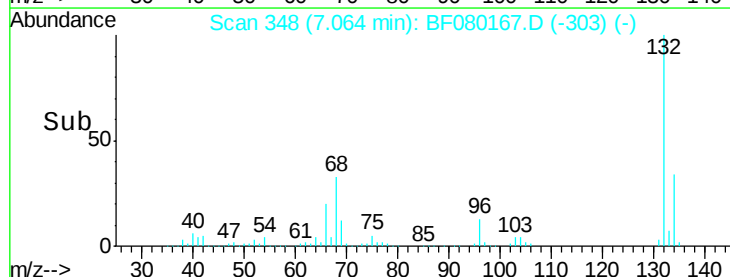
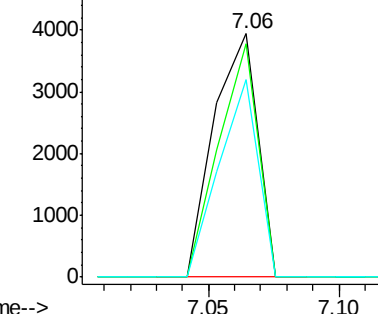
77 100

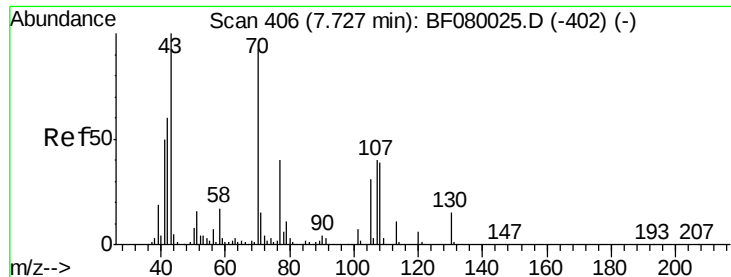
105 95.7 91.6 131.6

106 81.1 102.6 142.6#



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

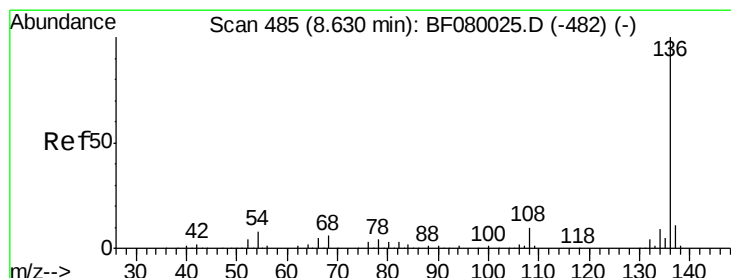
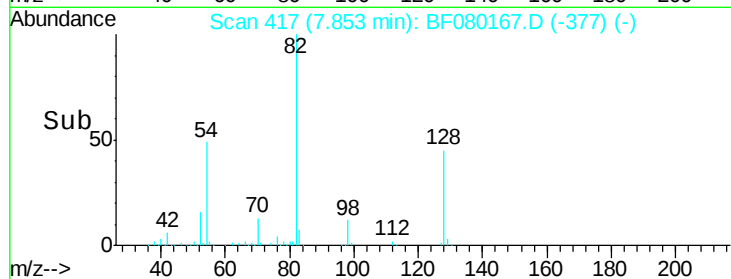
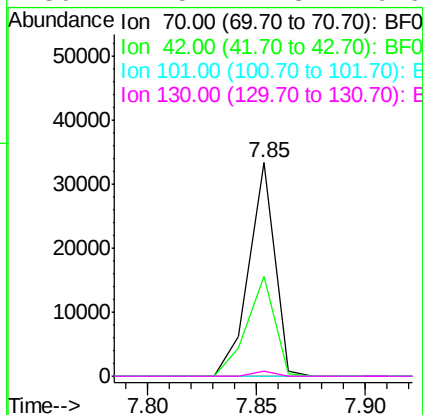
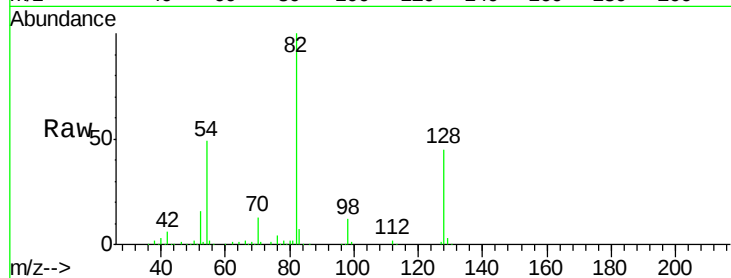




#19
n-Nitroso-di-n-propylamine
Concen: 15.72 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.16 min
Lab File: BF080167.D
Acq: 25 Jun 2015 15:47

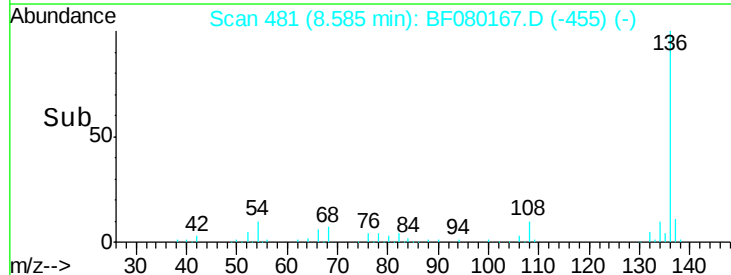
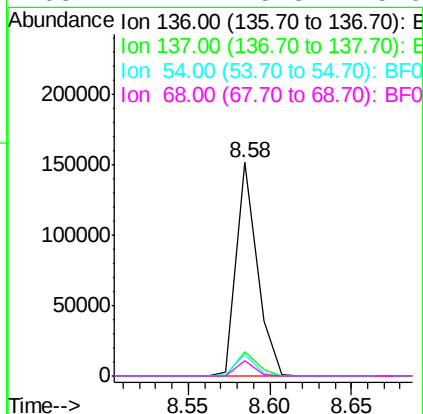
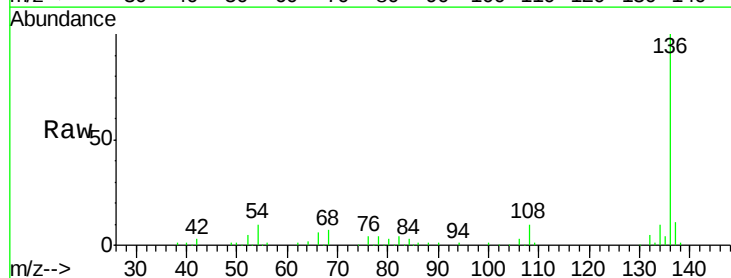
Instrument :
BNA_F
ClientSampled :
FB

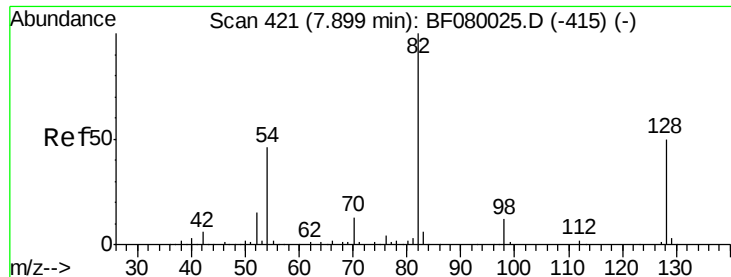
Tgt Ion: 70 Resp: 27721
Ion Ratio Lower Upper
70 100
42 46.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.5 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080167.D
Acq: 25 Jun 2015 15:47

Tgt Ion: 136 Resp: 133328
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.2 8.2 12.2
68 7.1 5.8 8.6

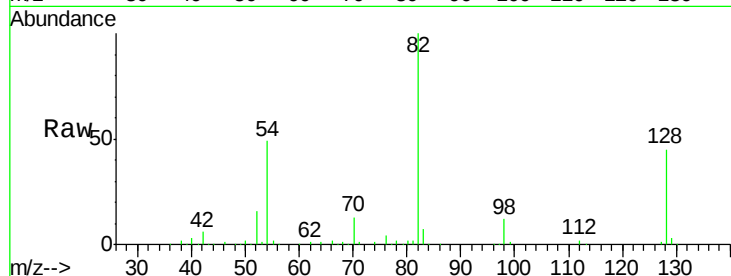




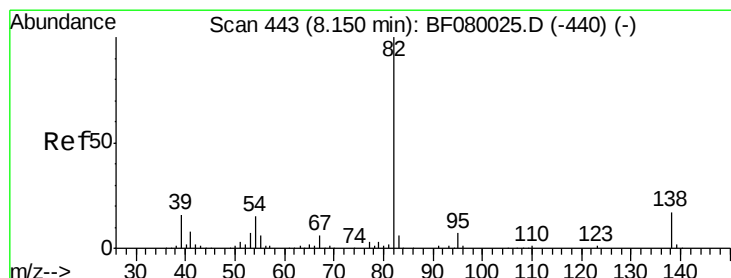
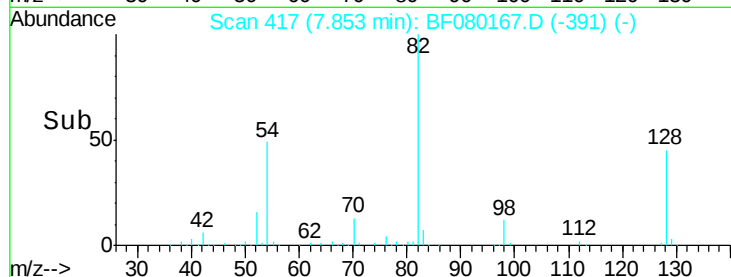
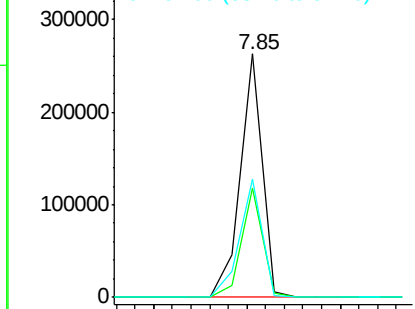
#23
 Nitrobenzene-d5
 Concen: 94.70 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion: 82 Resp: 216885
 Ion Ratio Lower Upper
 82 100
 128 44.8 51.0 76.6#
 54 48.7 47.5 71.3

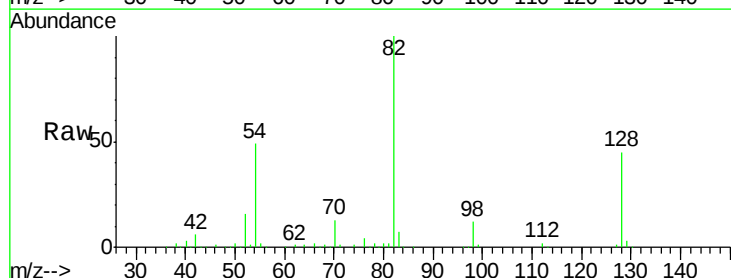


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

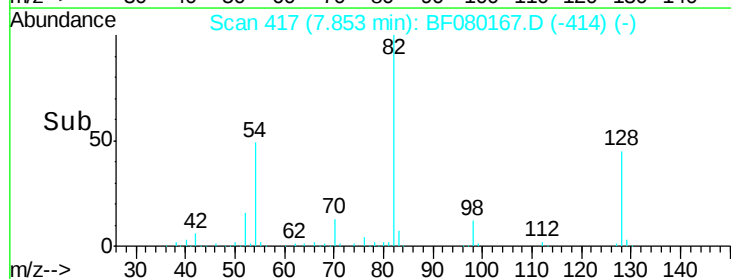
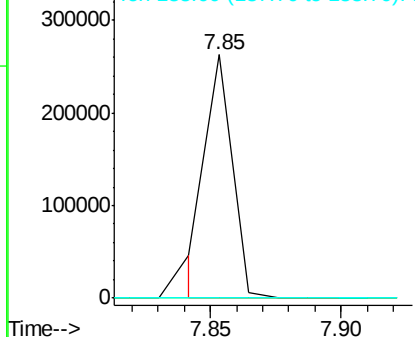


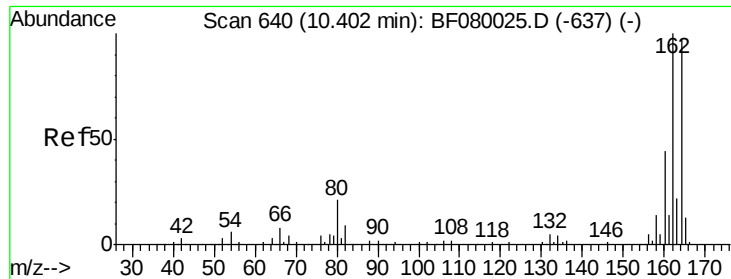
#25
 Isophorone
 Concen: 40.12 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.26 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

Tgt Ion: 82 Resp: 184927
 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: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080167.D

Acq: 25 Jun 2015 15:47

Instrument :

BNA_F

ClientSampleId :

FB

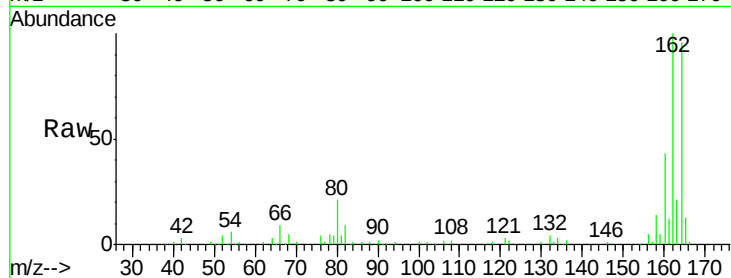
Tgt Ion:164 Resp: 70323

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

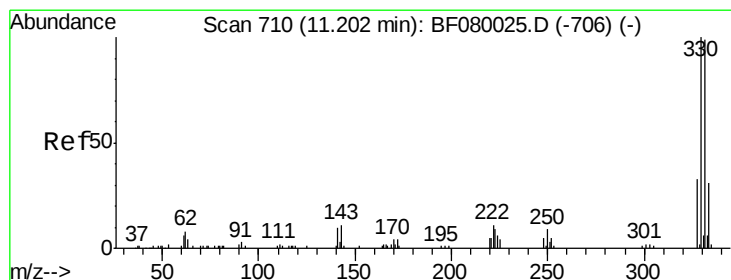
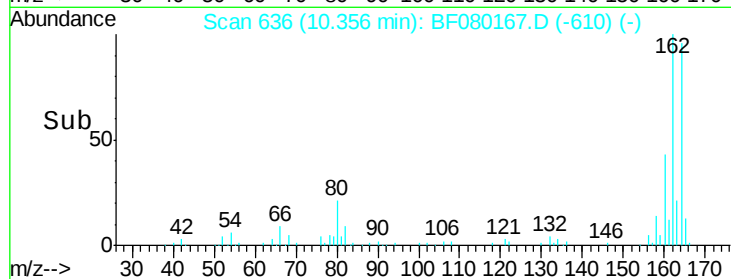
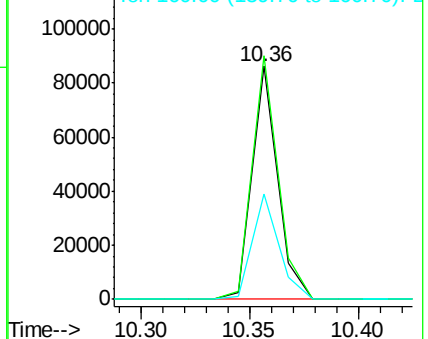
160 45.2 31.5 47.3



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: 135.66 ng

RT: 11.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF080167.D

Acq: 25 Jun 2015 15:47

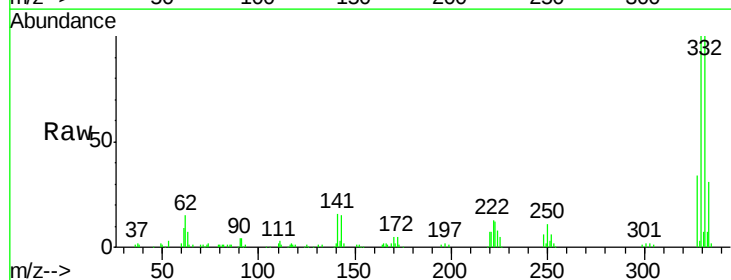
Tgt Ion:330 Resp: 93287

Ion Ratio Lower Upper

330 100

332 99.0 76.6 114.8

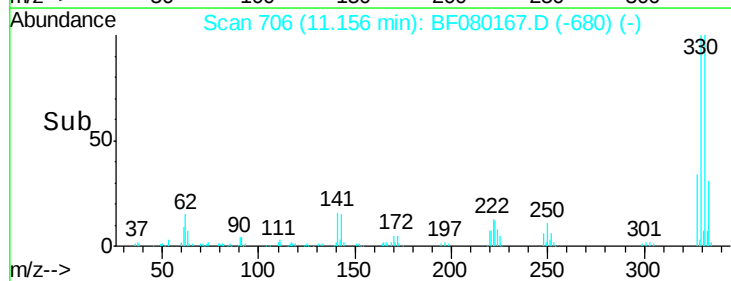
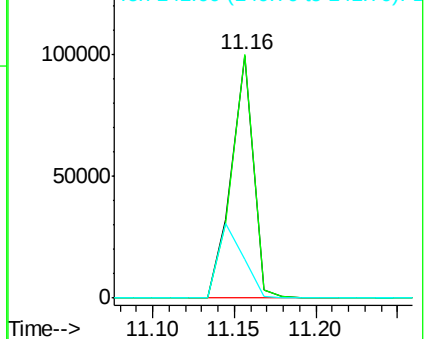
141 35.1 29.7 44.5

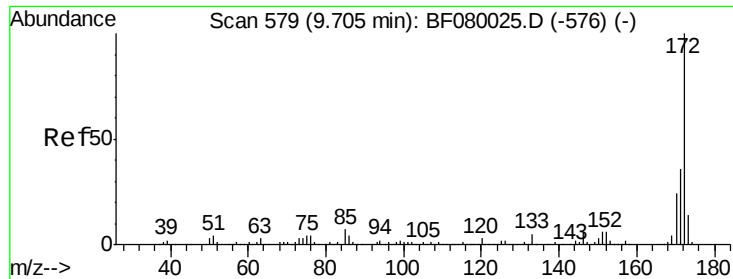


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

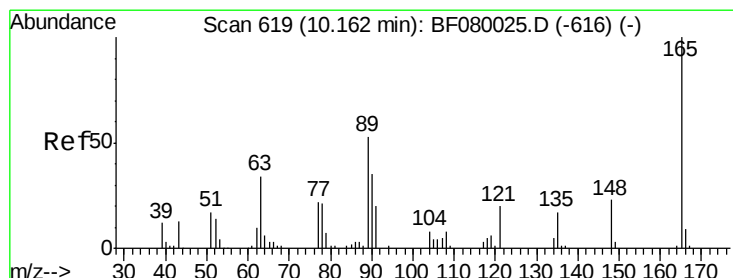
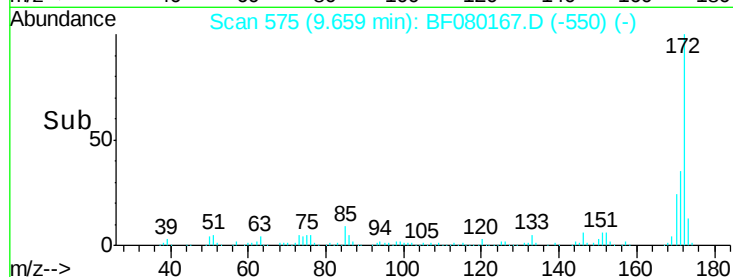
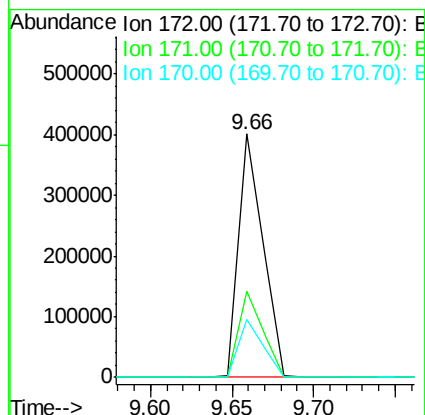
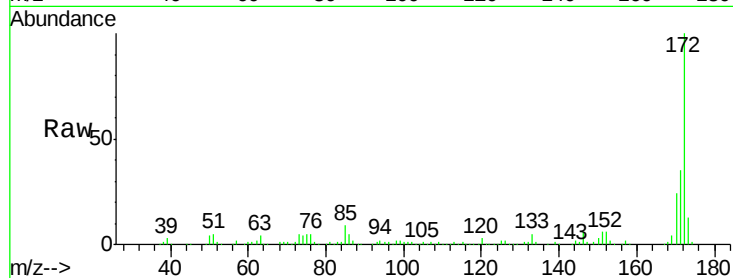




#44
 2-Fluorobiphenyl
 Concen: 83.34 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

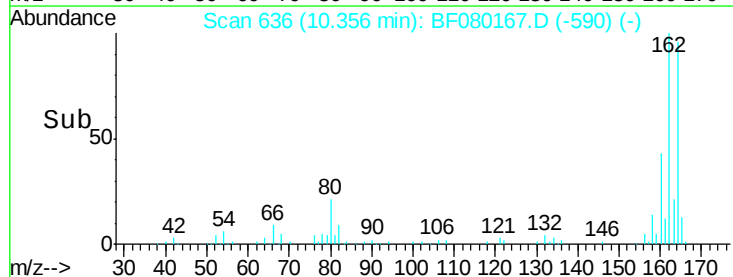
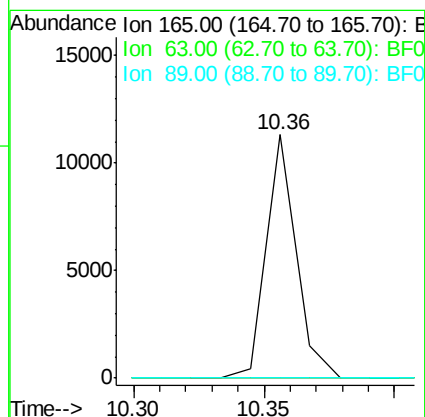
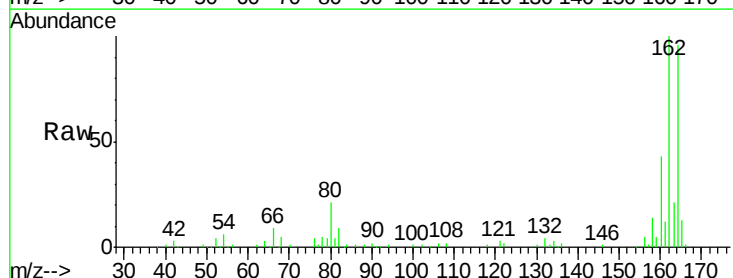
Instrument :
 BNA_F
 ClientSampled :
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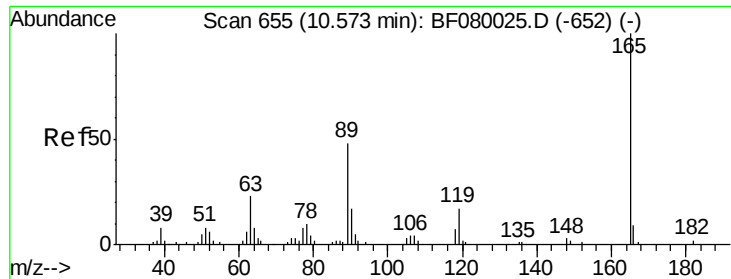
Tgt Ion:172 Resp: 410983
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.7 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.58 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.23 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

Tgt Ion:165 Resp: 9096
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

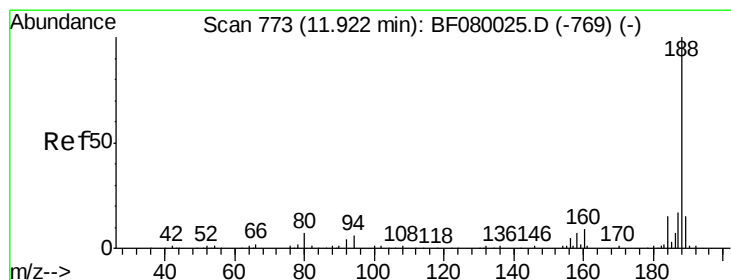
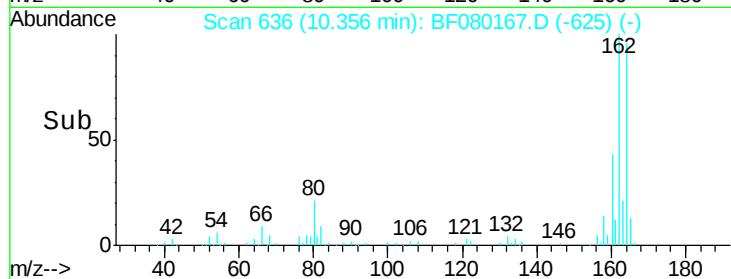
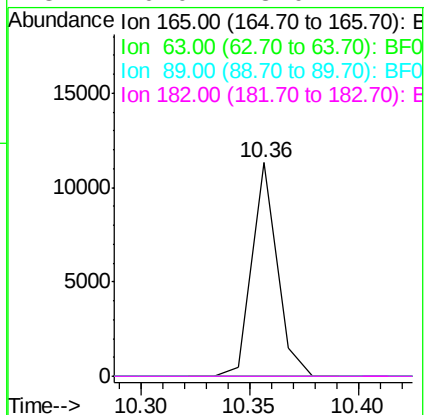
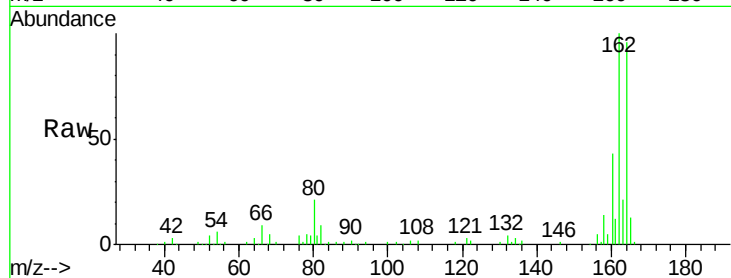




#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.17 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

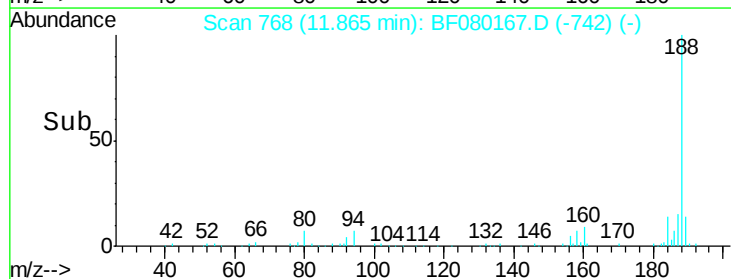
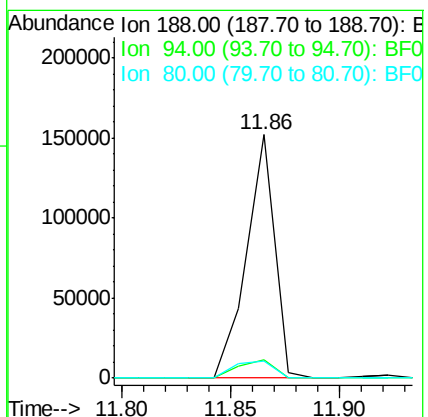
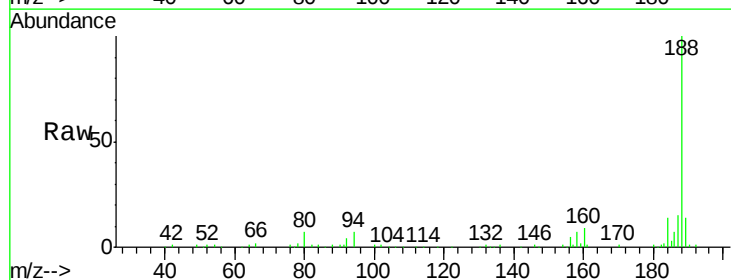
Instrument :
 BNA_F
 ClientSampleId :
 FB

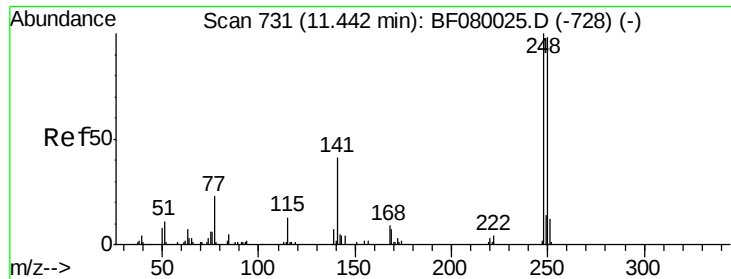
Tgt Ion:	165	Resp:	9096
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

Tgt Ion:	188	Resp:	137107
Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	7.3	11.0	16.4#

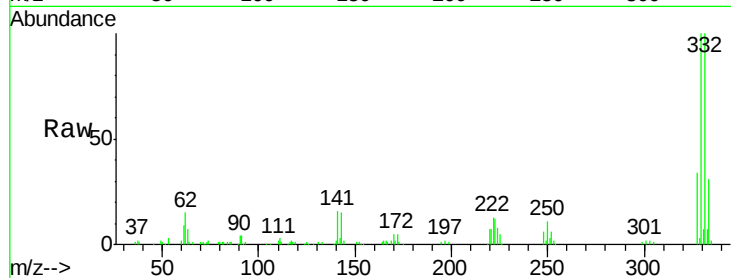




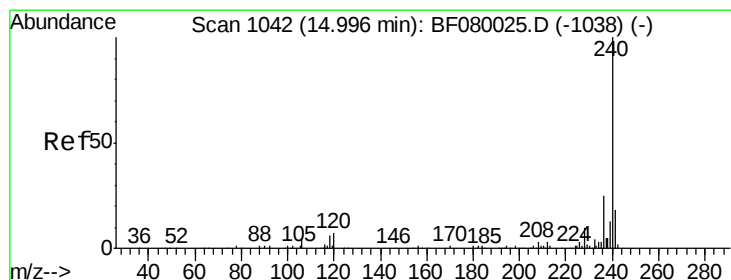
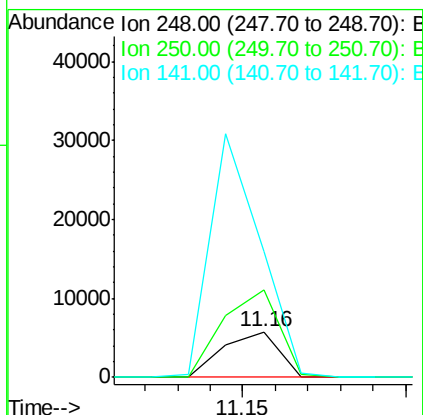
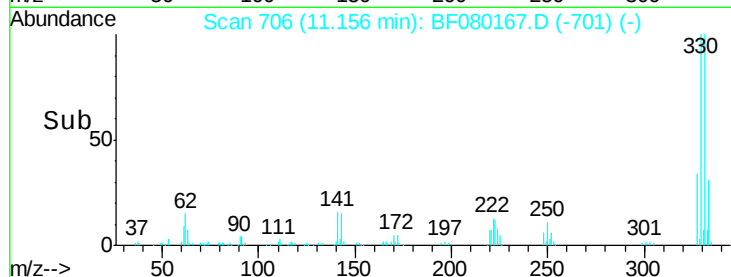
#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.24 min
Lab File: BF080167.D
Acq: 25 Jun 2015 15:47

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:248 Resp: 6717
Ion Ratio Lower Upper
248 100
250 191.8 78.5 117.7#
141 277.5 59.0 88.6#

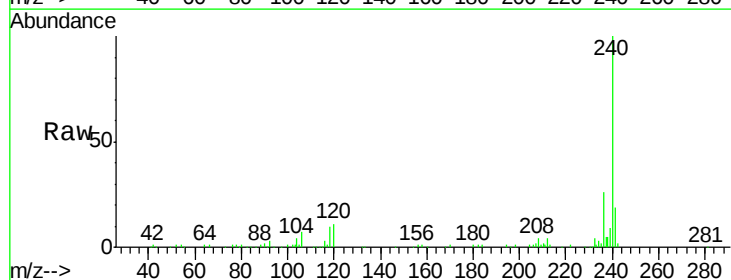


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

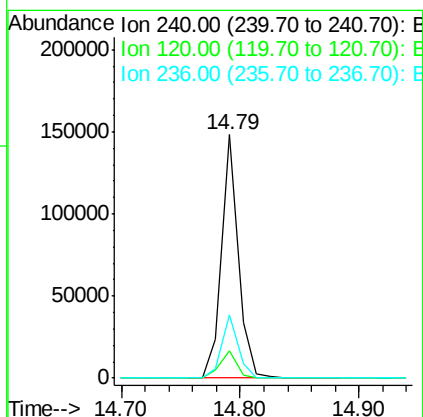
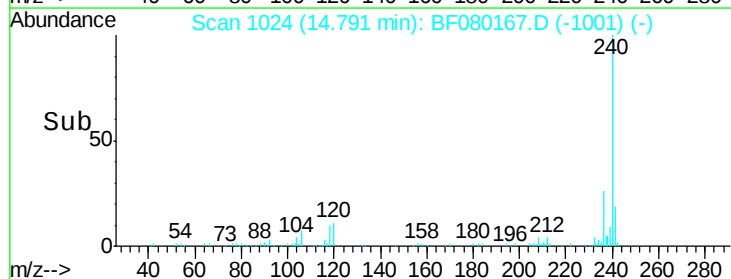


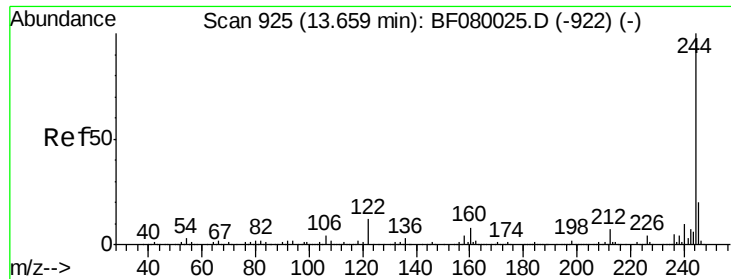
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF080167.D
Acq: 25 Jun 2015 15:47

Tgt Ion:240 Resp: 144163
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 25.8 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

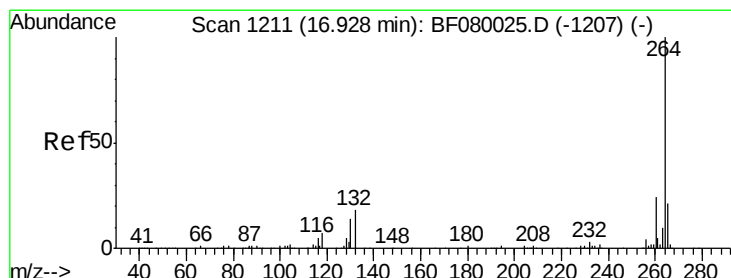
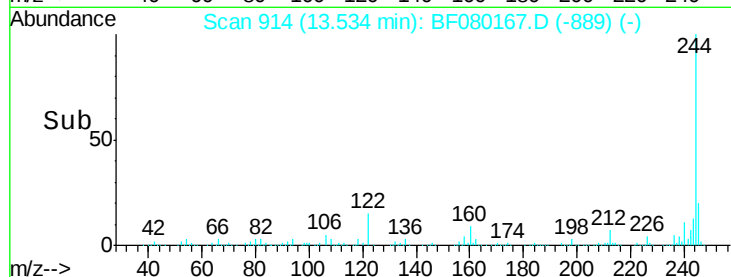
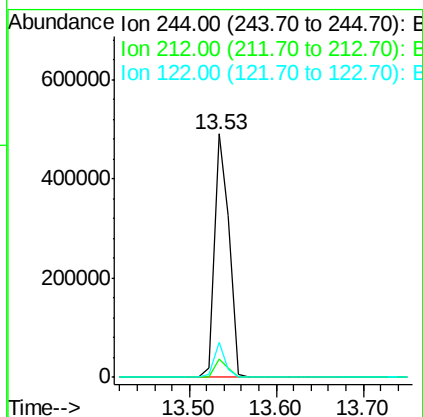
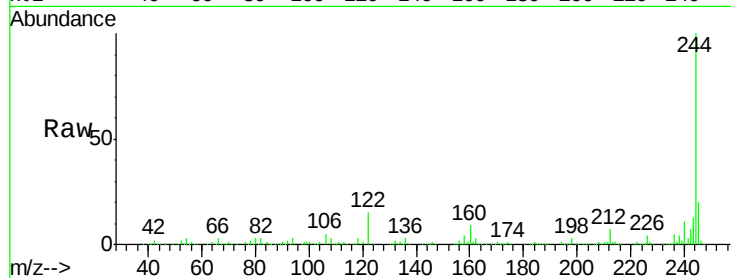




#78
 Terphenyl-d14
 Concen: 94.29 ng
 RT: 13.53 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:244 Resp: 582048
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 14.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.64 min Scan# 1186
 Delta R.T. -0.07 min
 Lab File: BF080167.D
 Acq: 25 Jun 2015 15:47

Tgt Ion:264 Resp: 140317
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.9 17.2 25.8

