

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082263.D
 Acq On : 13 Oct 2015 19:32
 Operator : UM/IZ
 Sample : G3998-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)

Quant Time: Oct 14 01:19:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

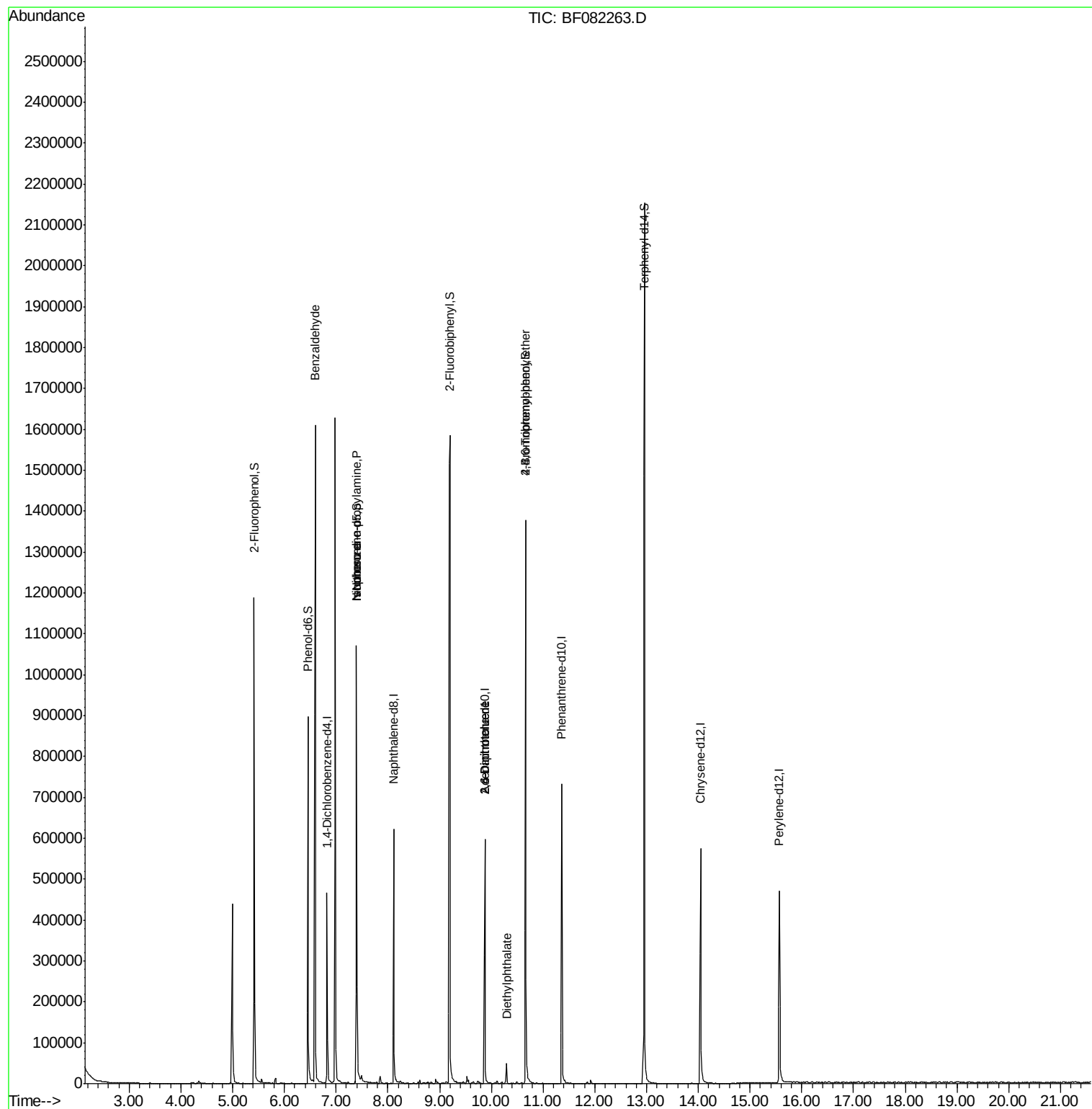
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79958	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303935	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148109	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	302495	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	299585	20.00	ng	-0.09
86) Perylene-d12	15.57	264	255382	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	331364	83.64	ng	0.00
7) Phenol-d6	6.46	99	331966	64.39	ng	-0.01
23) Nitrobenzene-d5	7.39	82	410909	90.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	182954	131.72	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	844700	94.58	ng	0.00
78) Terphenyl-d14	12.96	244	972930	86.06	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	11498	4.37	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.39	70	52773	14.58	ng	# 80
25) Isophorone	7.39	82	342007	37.44	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	18832	8.56	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	18832	6.85	ng	# 22
59) Diethylphthalate	10.30	149	29078	2.99	ng	95
66) 4-Bromophenyl-phenylether	10.66	248	12155	4.02	ng	# 1

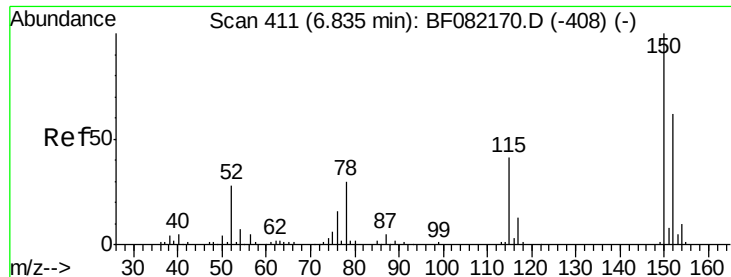
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

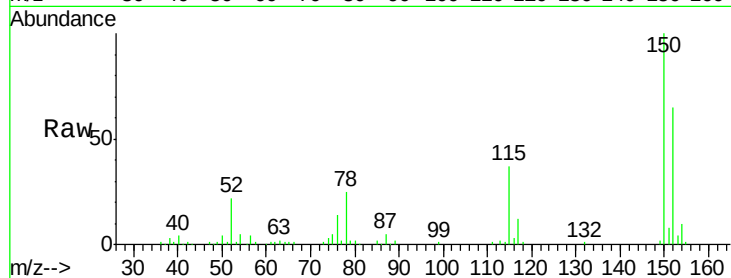
Tot Ion:152 Resp: 79958

Ion Ratio Lower Upper

152 100

150 153.6 129.0 193.4

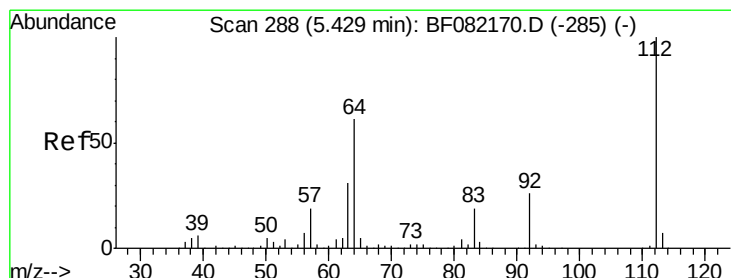
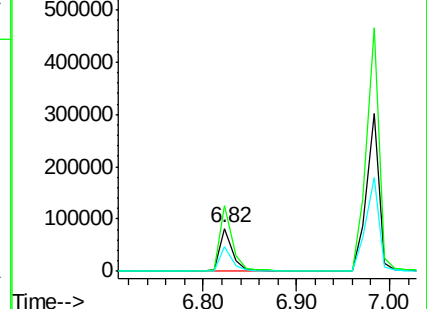
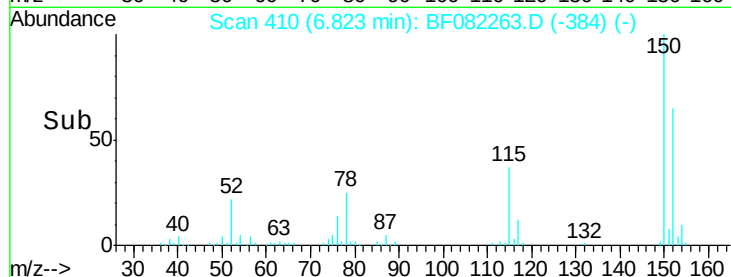
115 56.9 52.1 78.1



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: 83.64 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

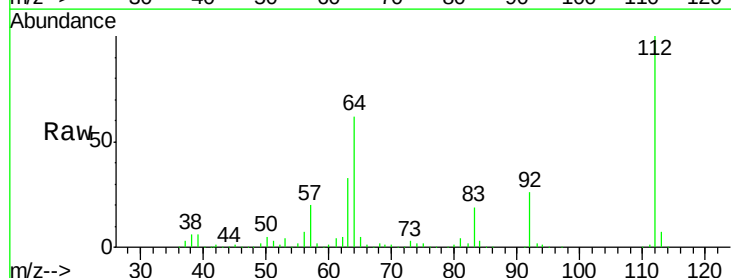
Tgt Ion:112 Resp: 331364

Ion Ratio Lower Upper

112 100

64 61.7 48.6 73.0

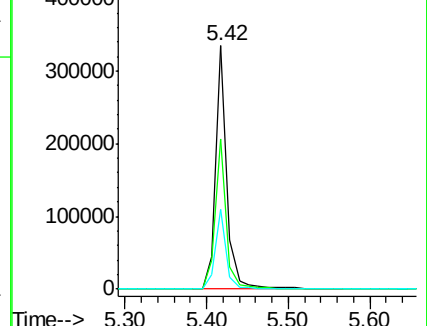
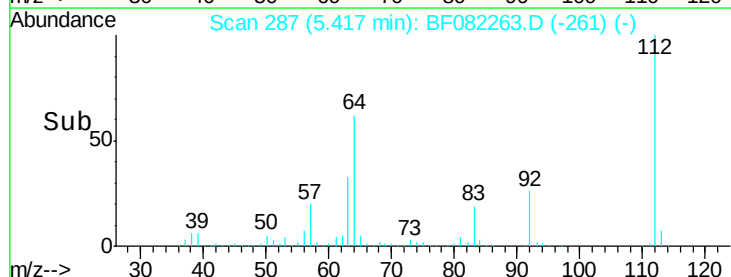
63 33.0 25.1 37.7

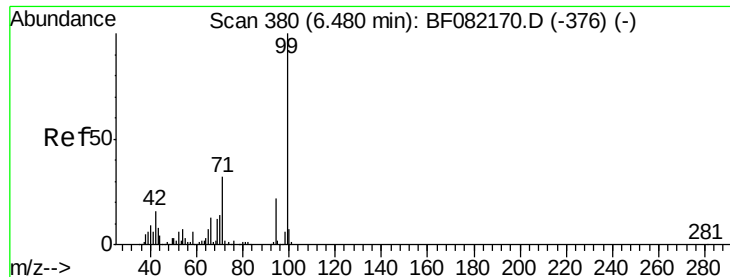


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.39 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

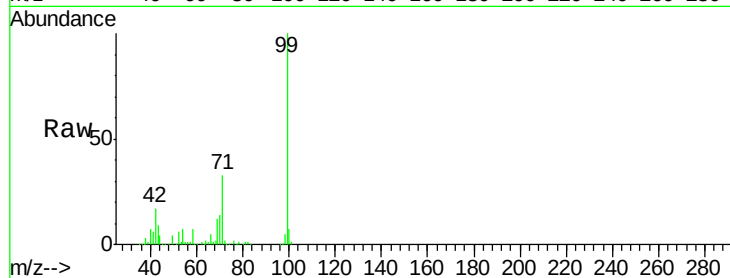
Tot Ion: 99 Resp: 331966

Ion Ratio Lower Upper

99 100

42 17.3 13.2 19.8

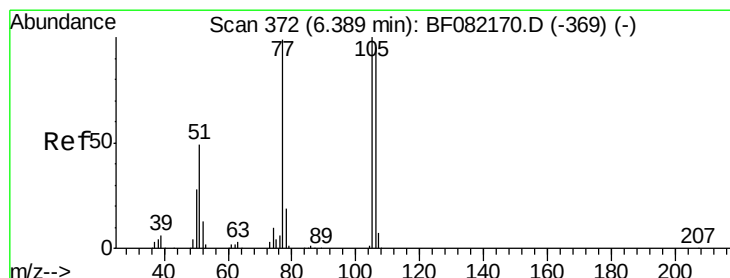
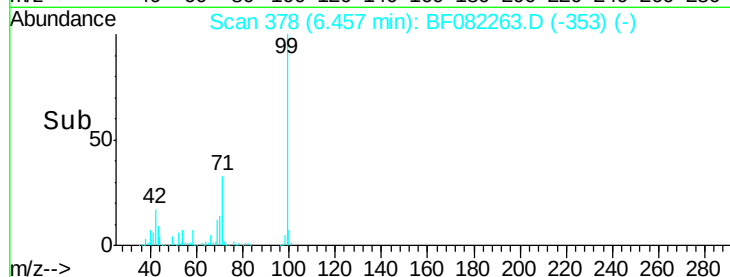
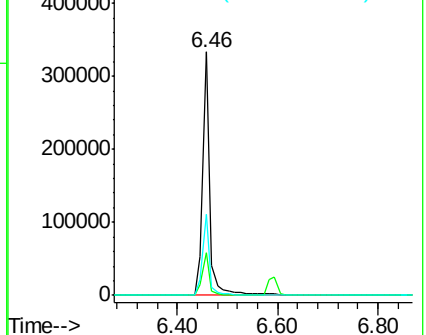
71 33.3 25.6 38.4



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: 4.37 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

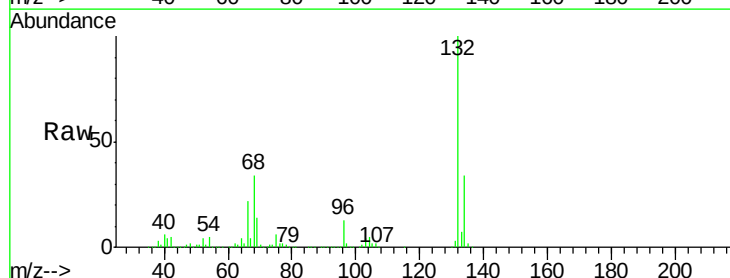
Tgt Ion: 77 Resp: 11498

Ion Ratio Lower Upper

77 100

105 86.0 80.6 120.6

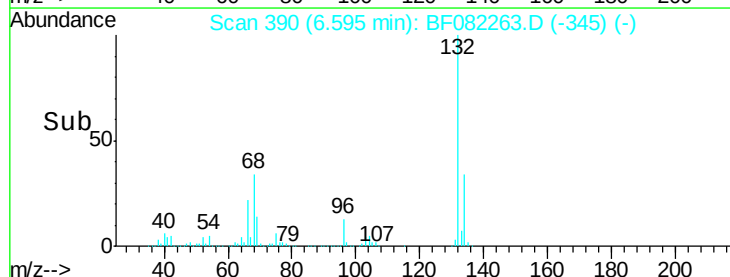
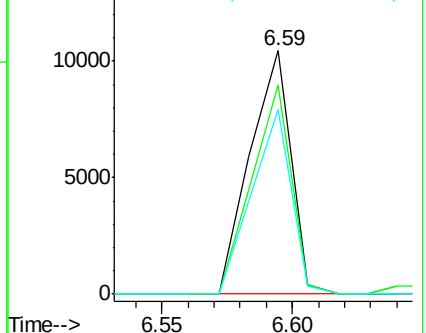
106 75.9 75.5 115.5

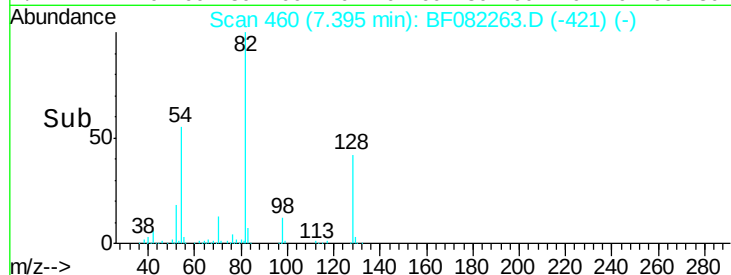
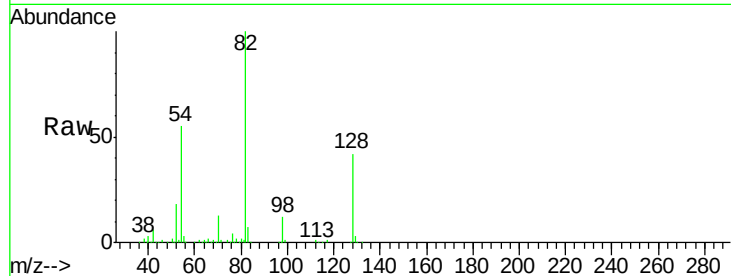
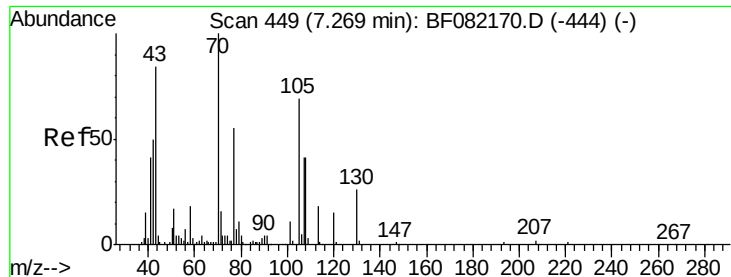


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

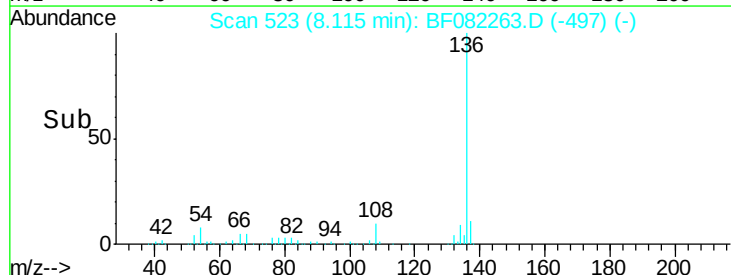
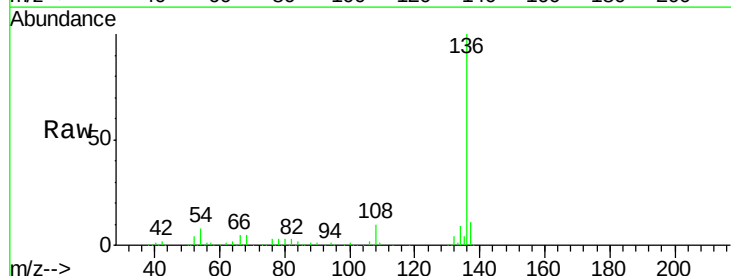
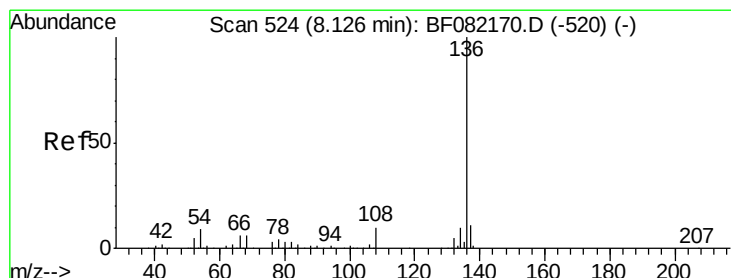
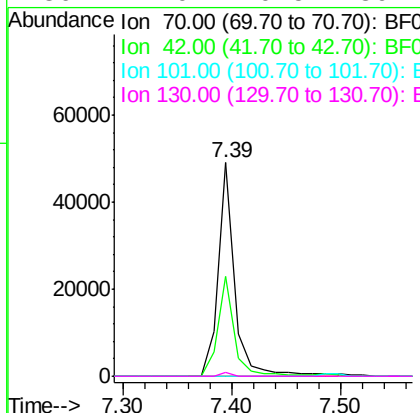




#19
n-Nitroso-di-n-propylamine
Concen: 14.58 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

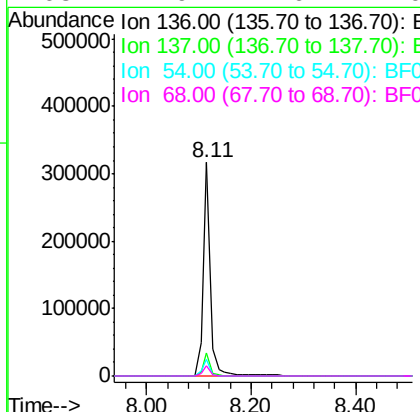
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)

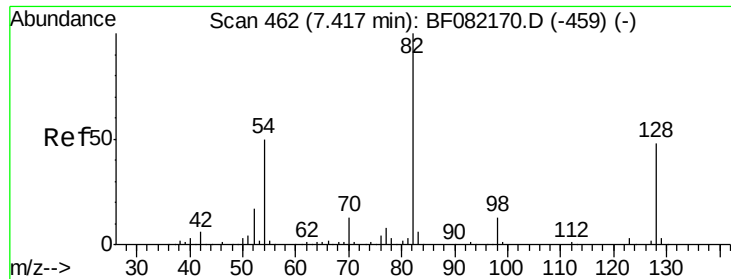
Tot Ion: 70 Resp: 52773
Ion Ratio Lower Upper
70 100
42 46.7 39.8 59.8
101 0.0 8.6 13.0#
130 2.0 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

Tgt Ion:136 Resp: 303935
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.6 7.5 11.3
68 4.9 4.6 7.0

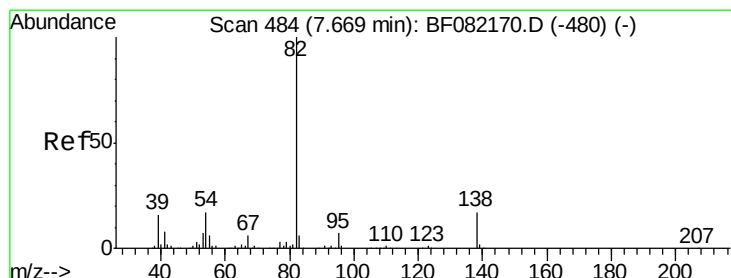
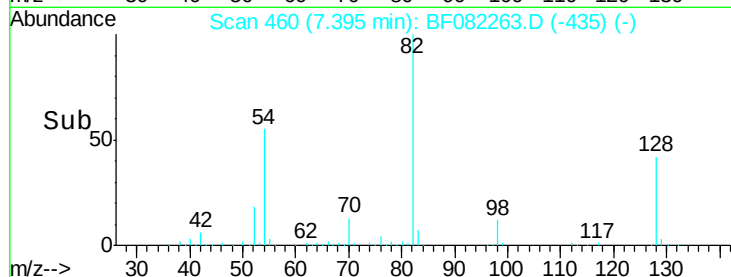
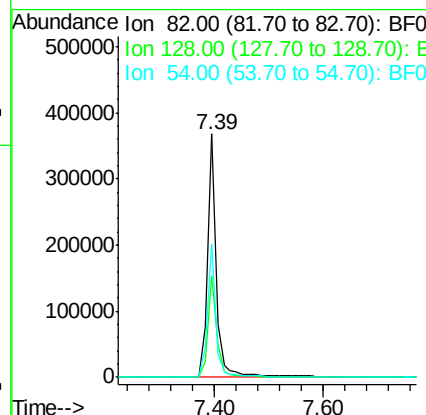
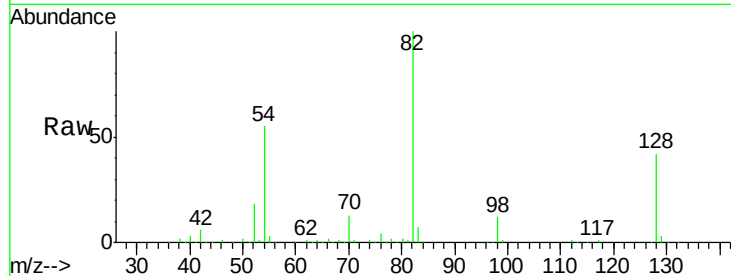




#23
Nitrobenzene-d5
Concen: 90.79 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

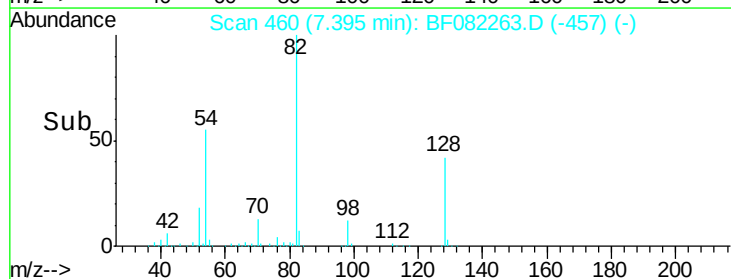
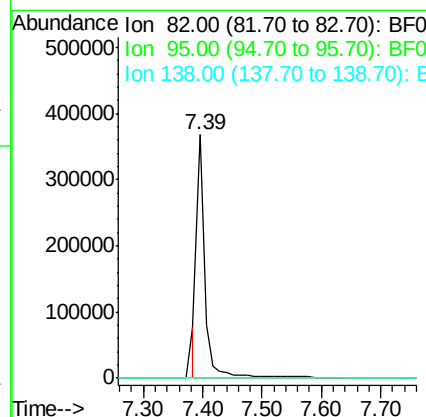
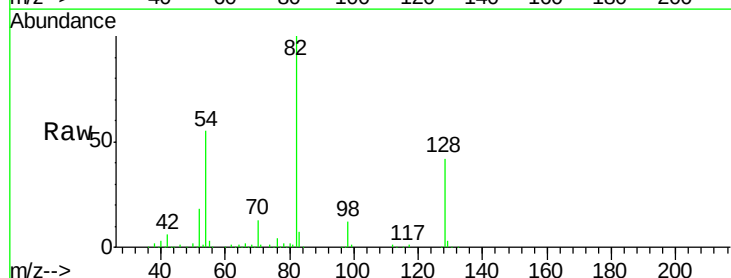
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)

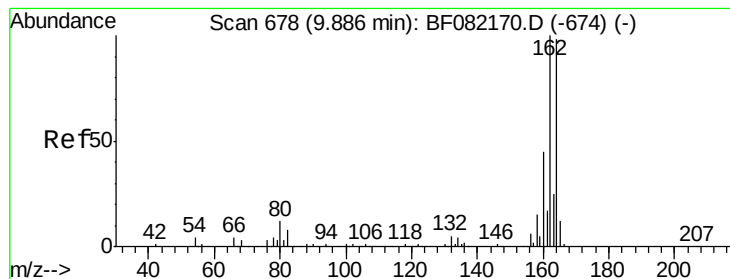
Tot Ion: 82 Resp: 410909
Ion Ratio Lower Upper
82 100
128 41.7 38.7 58.1
54 54.9 40.1 60.1



#25
Isophorone
Concen: 37.44 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

Tgt Ion: 82 Resp: 342007
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

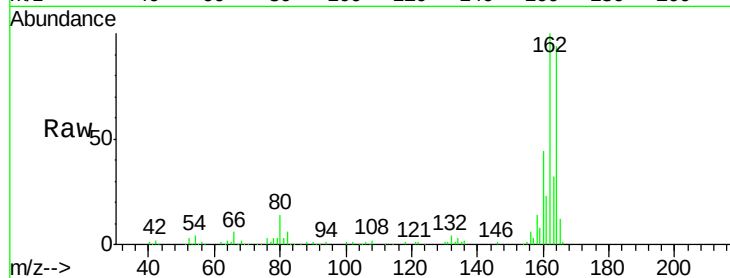
Tot Ion:164 Resp: 148109

Ion Ratio Lower Upper

164 100

162 105.9 81.6 122.4

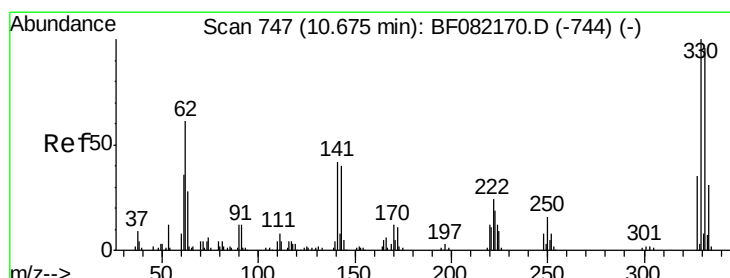
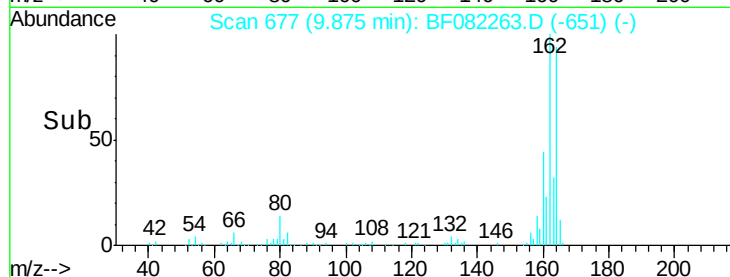
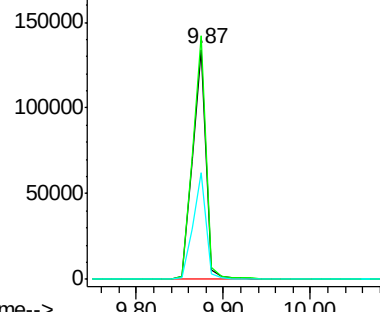
160 46.1 36.4 54.6



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: 131.72 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

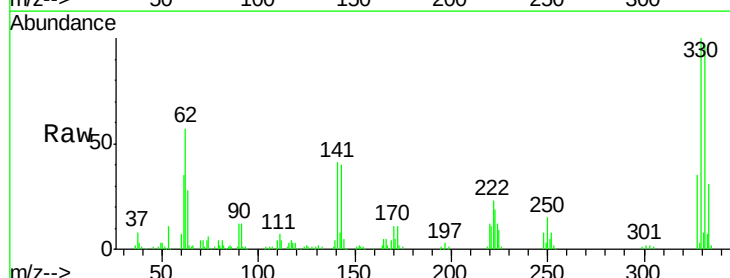
Tgt Ion:330 Resp: 182954

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

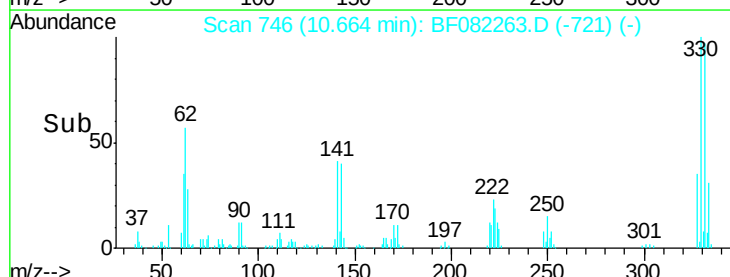
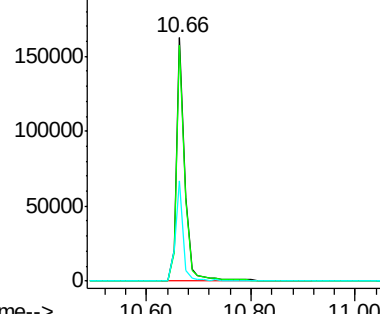
141 38.9 29.8 44.8

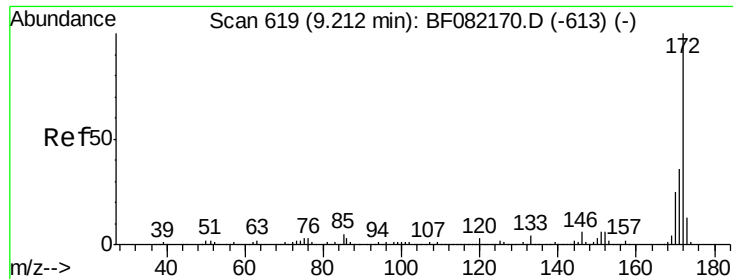


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

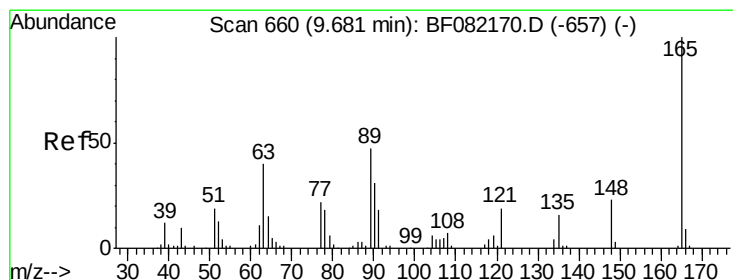
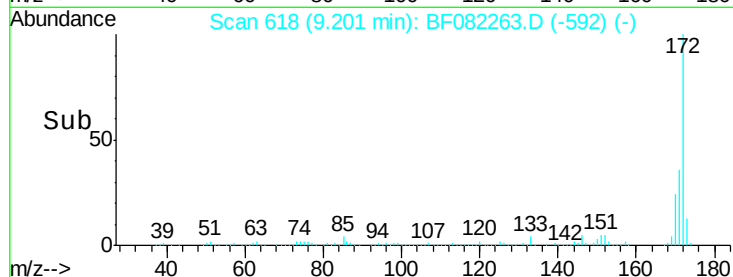
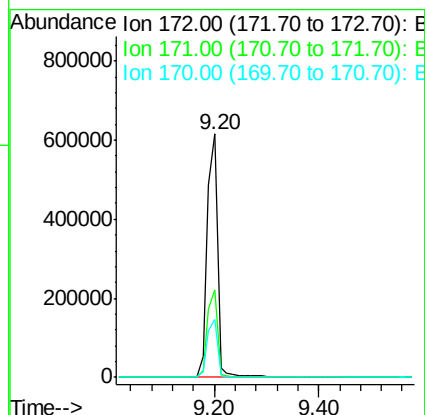
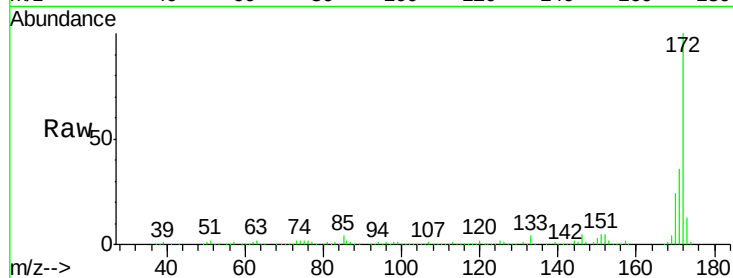




#44
 2-Fluorobiphenyl
 Concen: 94.58 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

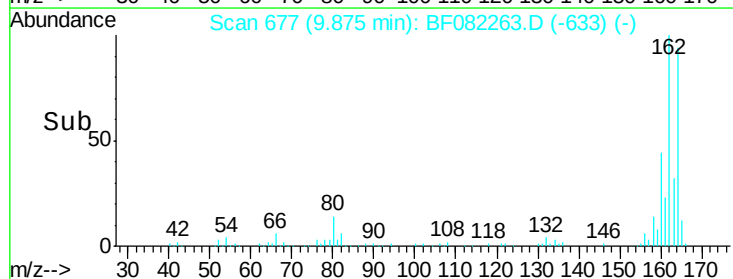
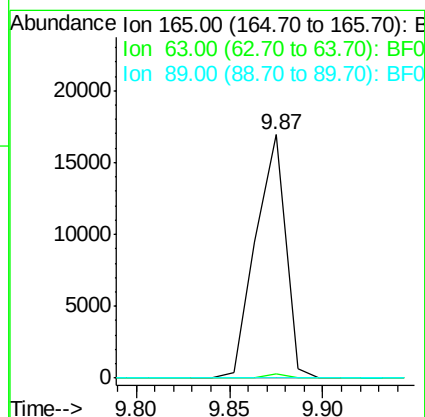
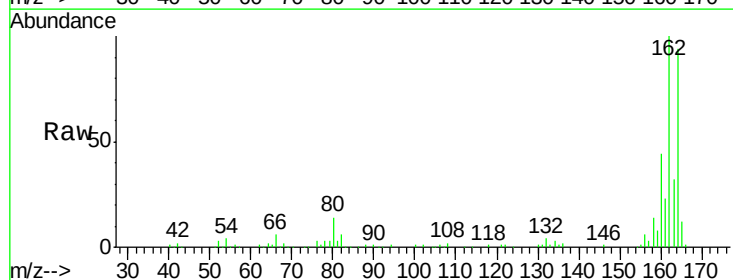
Instrument :
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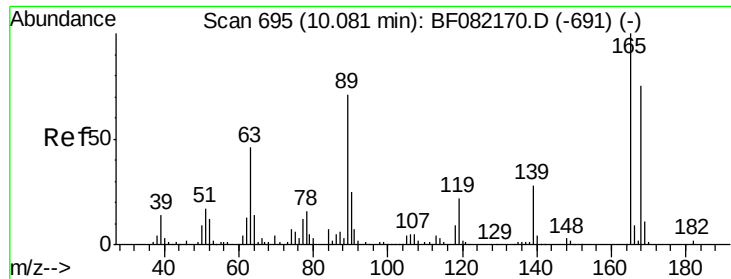
Tot Ion:172 Resp: 844700
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.8 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.56 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

Tgt Ion:165 Resp: 18832
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.7 55.1#
 89 0.0 37.8 56.6#

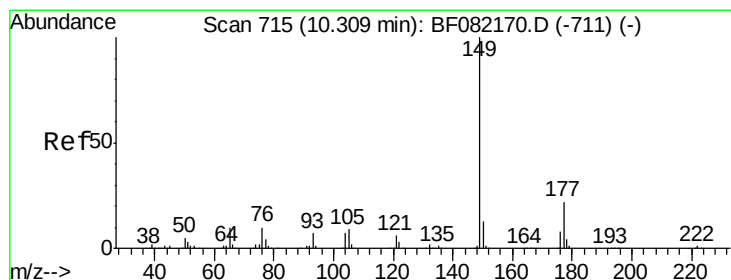
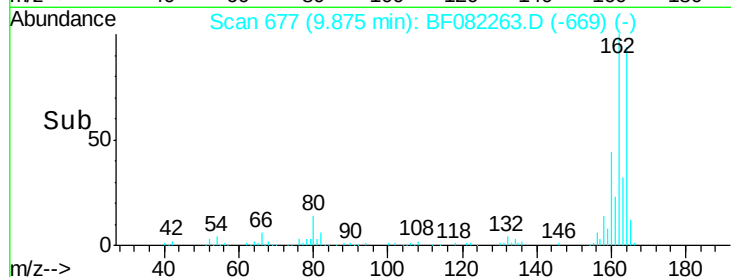
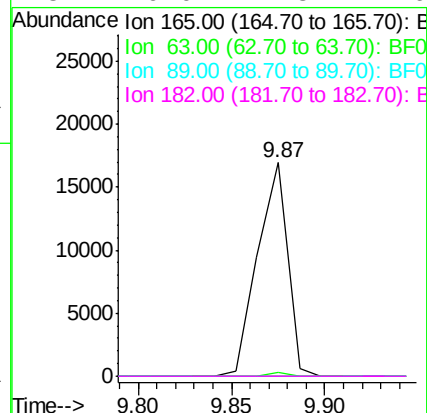
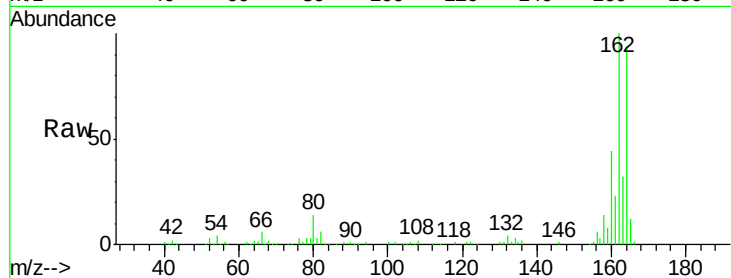




#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

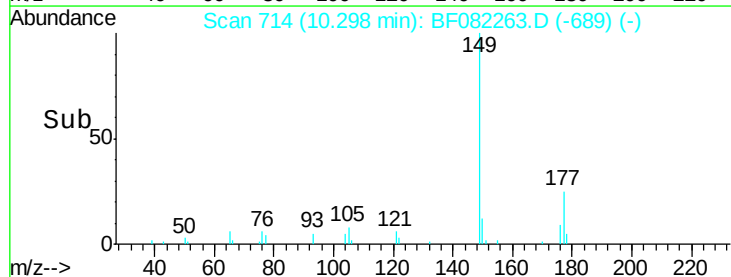
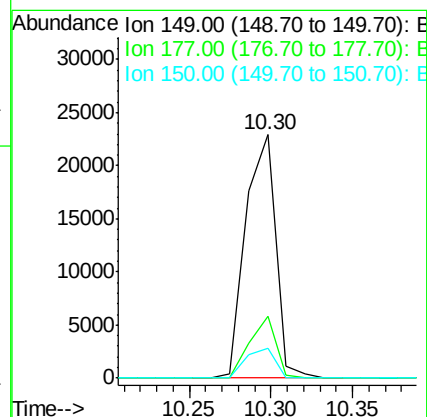
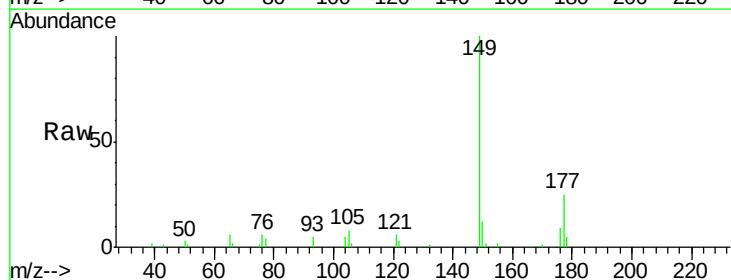
Instrument :
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IM-MLA-(1.5-03)

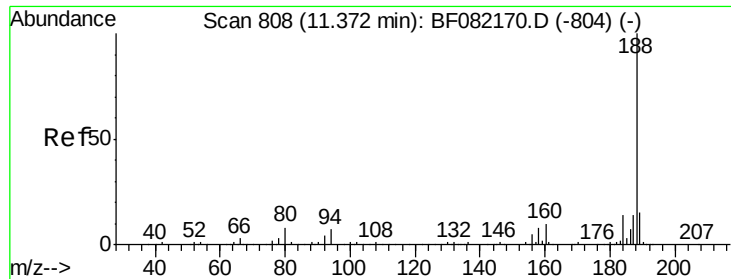
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



#59
Diethylphthalate
Concen: 2.99 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	17.6	26.4
150	12.0	10.3	15.5

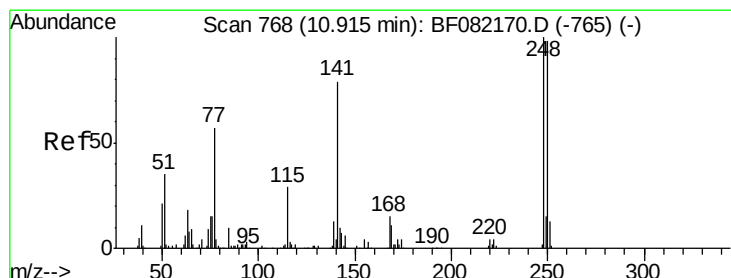
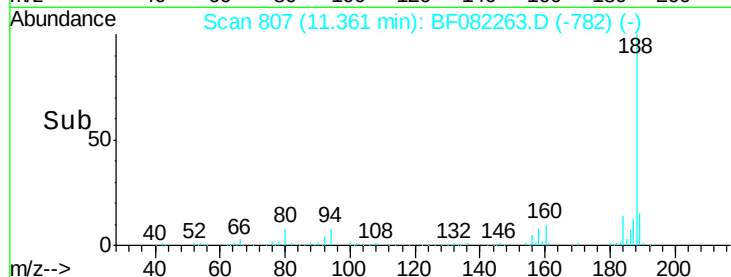
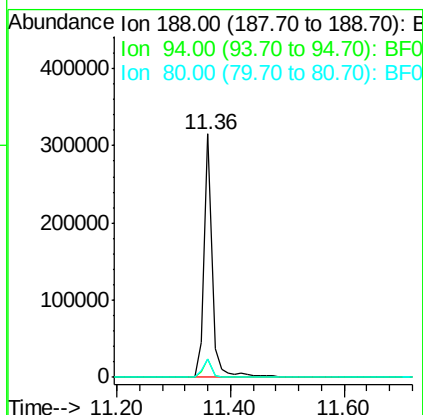
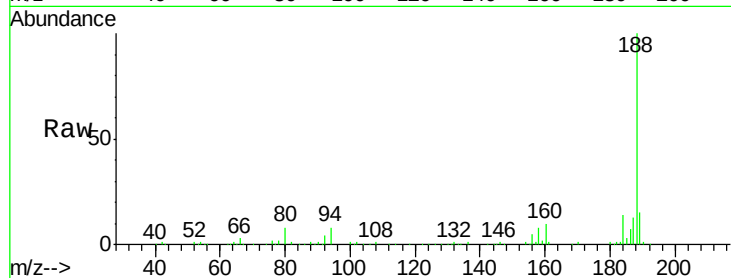




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

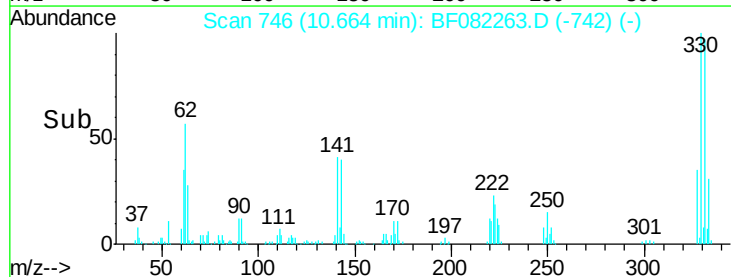
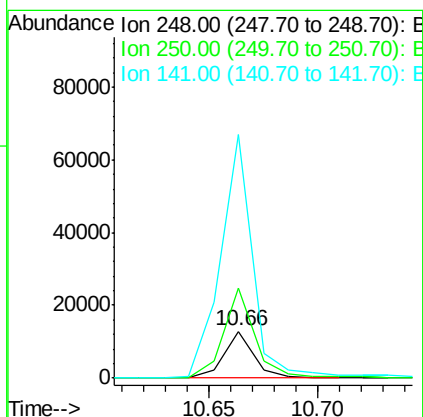
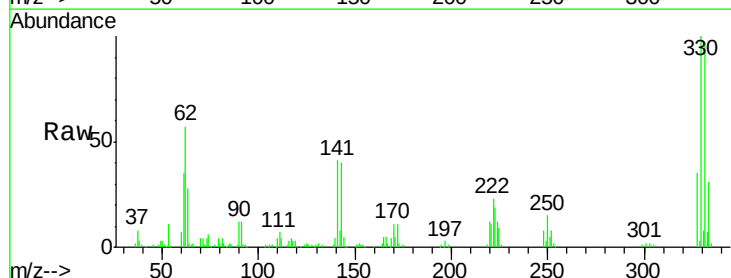
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)

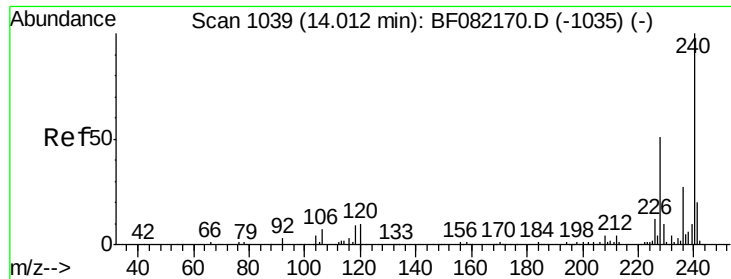
Tot Ion:188 Resp: 302495
 Ion Ratio Lower Upper
 188 100
 94 7.6 5.8 8.6
 80 7.8 6.4 9.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.02 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.25 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

Tgt Ion:248 Resp: 12155
 Ion Ratio Lower Upper
 248 100
 250 192.3 78.6 117.8#
 141 522.2 63.3 94.9#

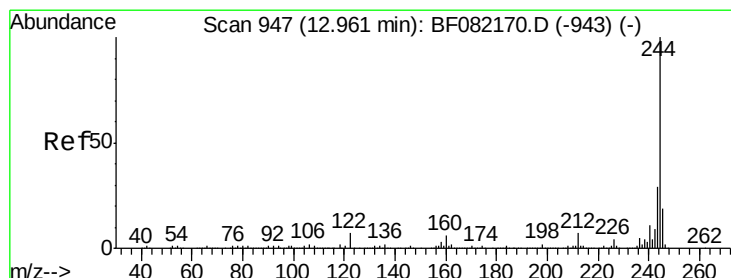
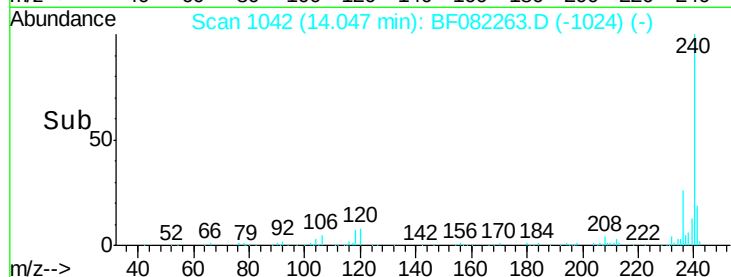
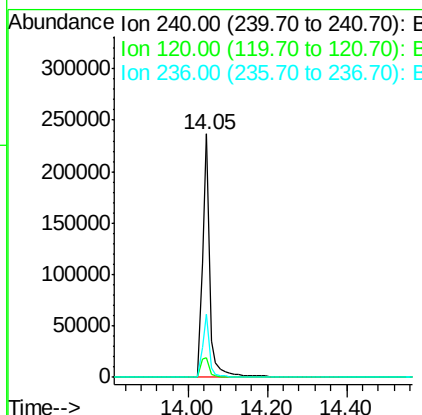
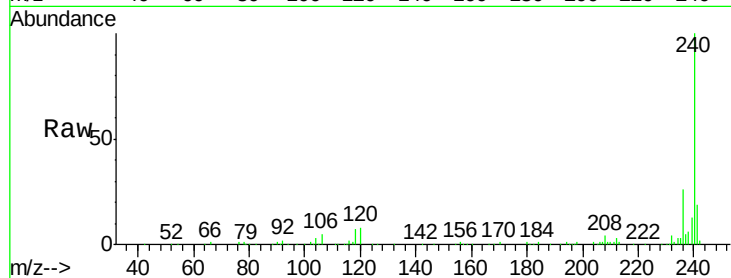




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.09 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

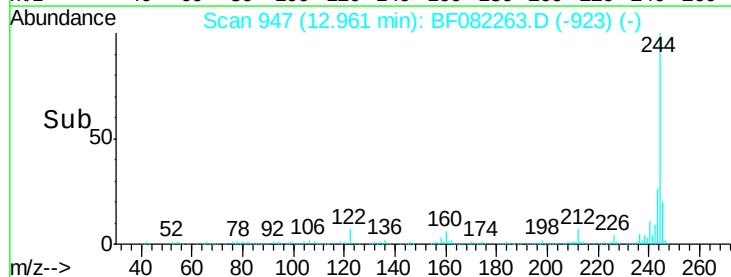
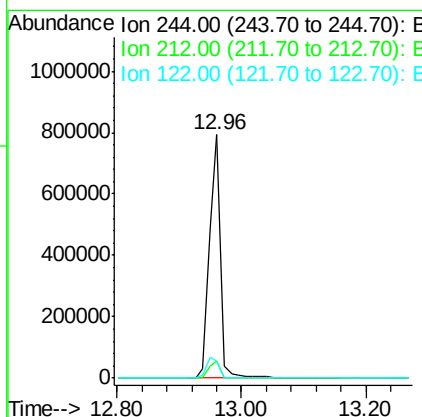
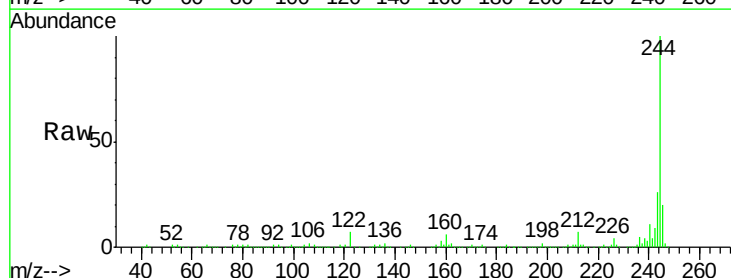
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)

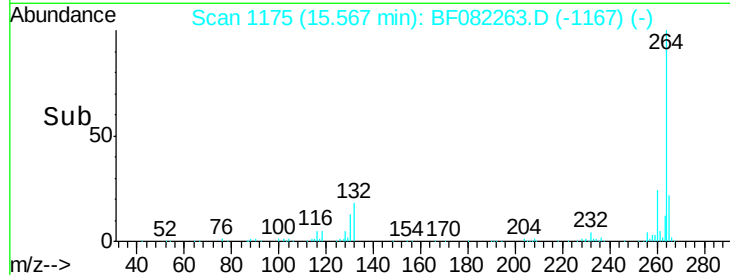
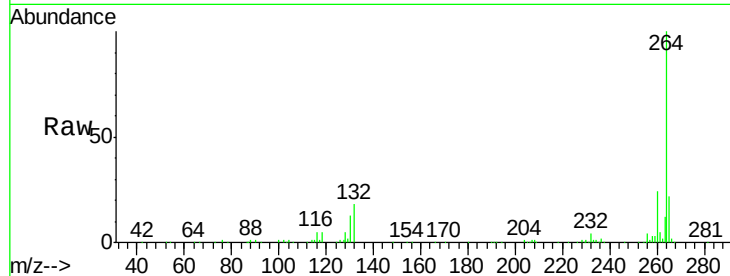
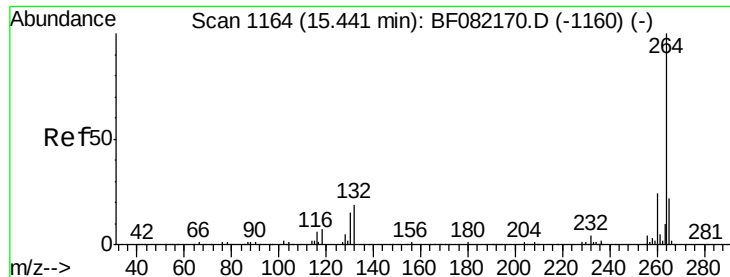
Tot Ion:240 Resp: 299585
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.1 12.1#
 236 25.7 21.3 31.9



#78
 Terphenyl-d14
 Concen: 86.06 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

Tgt Ion:244 Resp: 972930
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.2 5.9 8.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.21 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)

Tot Ion:	264	Resp:	255382
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.0	17.3	25.9

