

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084018.D
 Acq On : 23 Dec 2015 5:12
 Operator : UM/SJ
 Sample : G4916-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151215MGP155BRV169.5

Quant Time: Dec 23 05:53:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

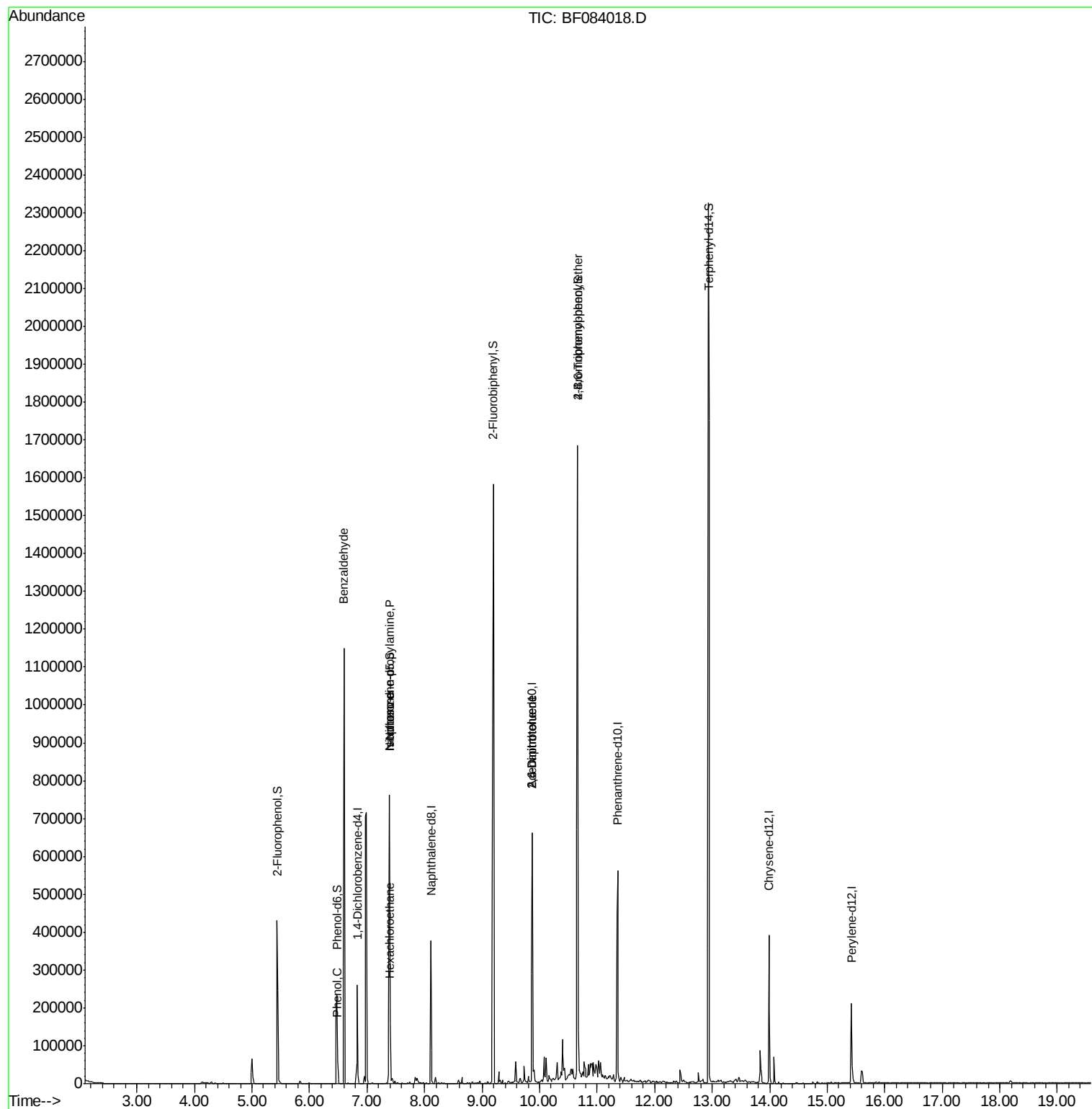
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42599	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	167682	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	141634	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	277693	20.00	ng	0.00
75) Chrysene-d12	13.99	240	155431	20.00	ng	-0.01
86) Perylene-d12	15.43	264	124535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	153140	61.29	ng	0.00
7) Phenol-d6	6.48	99	112717	38.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	250192	91.66	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	221017	162.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	615449	58.48	ng	0.00
78) Terphenyl-d14	12.93	244	1021865	156.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	7320	3.73	ng	88
10) Phenol	6.49	94	17838	5.25	ng	88
18) Hexachloroethane	7.40	117	3741	3.27	ng	# 4
19) n-Nitroso-di-n-propylamine	7.39	70	34249	19.24	ng	# 77
25) Isophorone	7.39	82	219290	42.40	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	18841	8.06	ng	# 39
56) 2,4-Dinitrotoluene	9.87	165	18843	6.41	ng	# 22
66) 4-Bromophenyl-phenylether	10.66	248	15348	4.82	ng	# 1

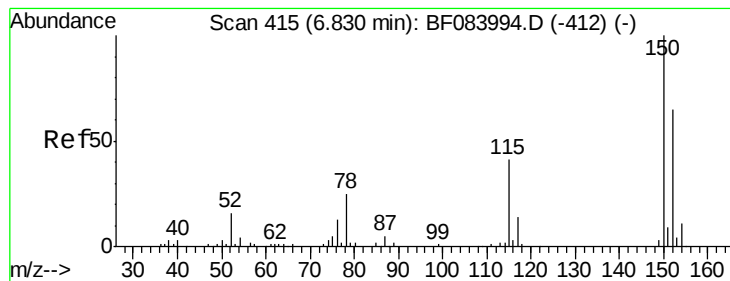
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

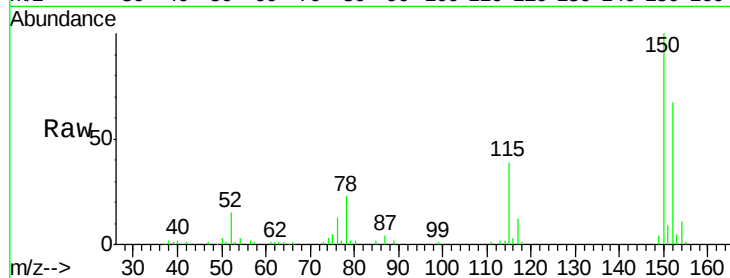
Tot Ion:152 Resp: 42599

Ion Ratio Lower Upper

152 100

150 150.1 123.0 184.4

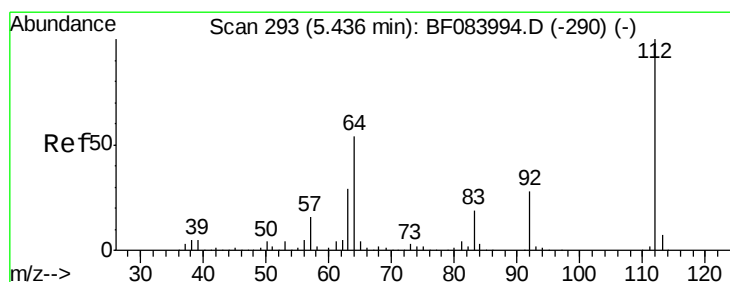
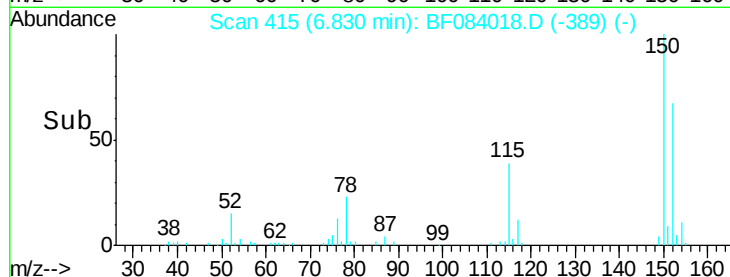
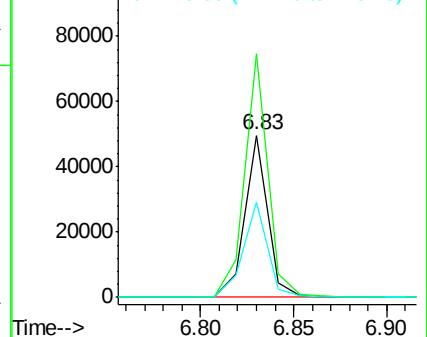
115 58.7 51.4 77.2



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: 61.29 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

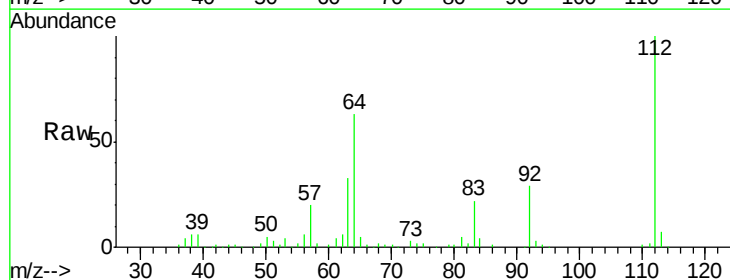
Tgt Ion:112 Resp: 153140

Ion Ratio Lower Upper

112 100

64 62.8 36.6 55.0#

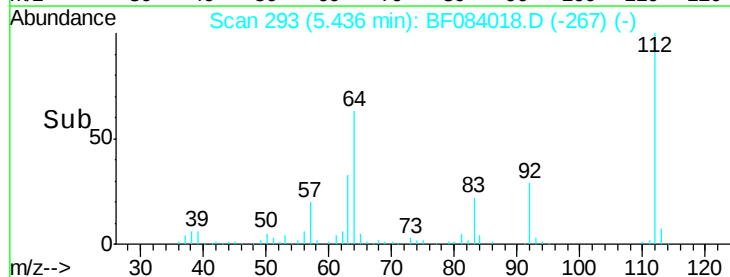
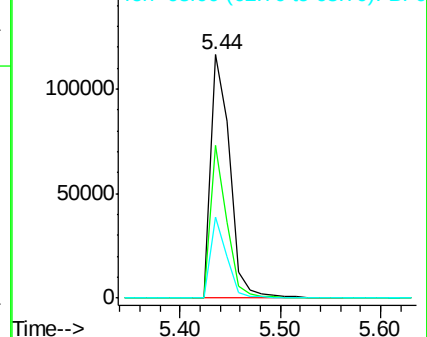
63 33.3 19.4 29.0#

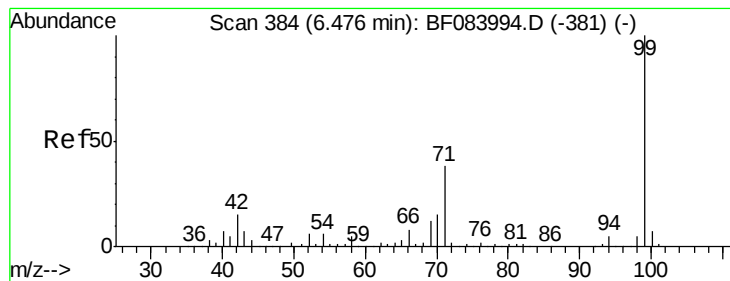


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.37 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

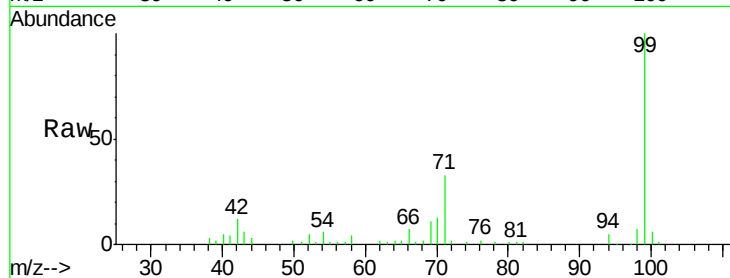
Tot Ion: 99 Resp: 112717

Ion Ratio Lower Upper

99 100

42 12.2 12.8 19.2#

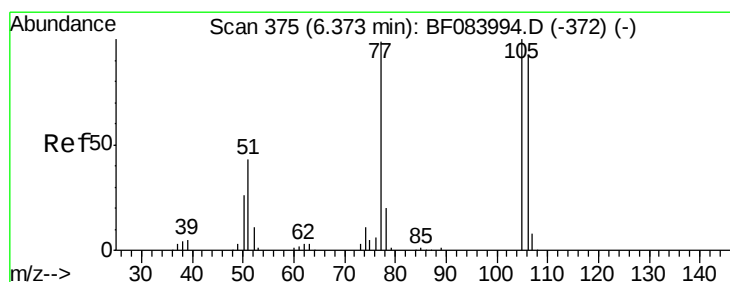
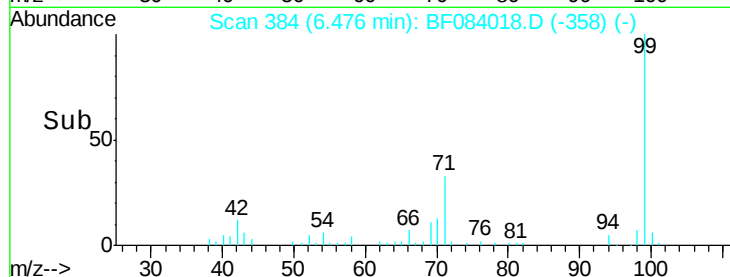
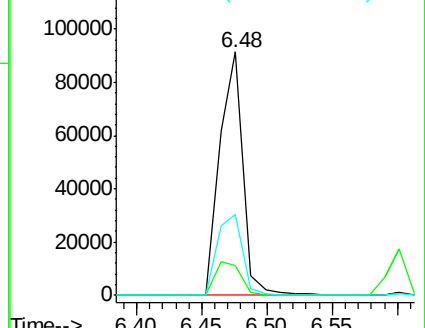
71 33.1 30.9 46.3



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: 3.73 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

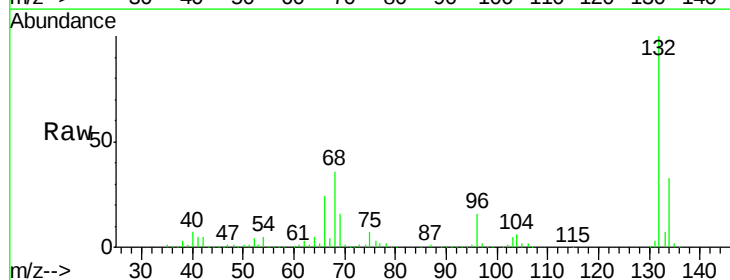
Tgt Ion: 77 Resp: 7320

Ion Ratio Lower Upper

77 100

105 83.1 83.0 123.0

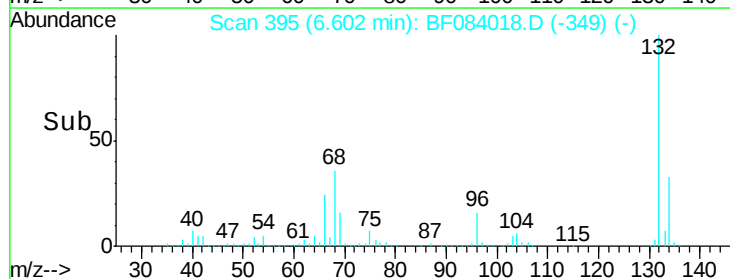
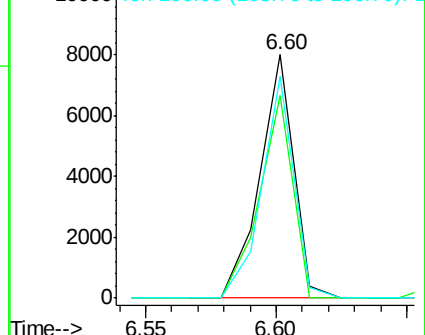
106 90.9 74.6 114.6

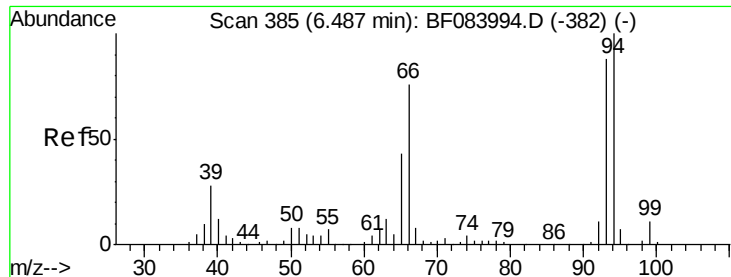


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.25 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

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20151215MGP155BRV169.5

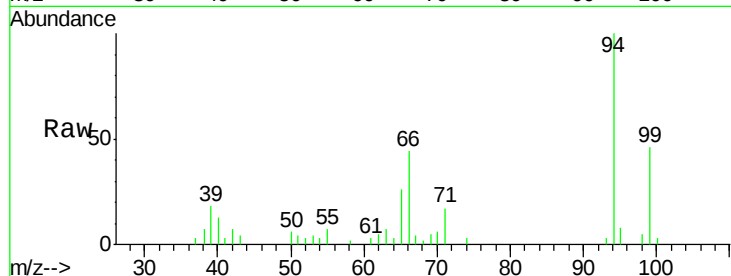
Tot Ion: 94 Resp: 17838

Ion Ratio Lower Upper

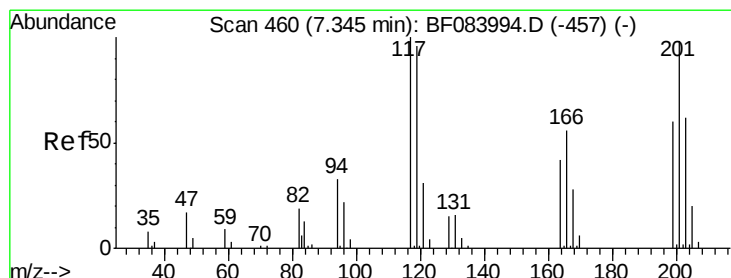
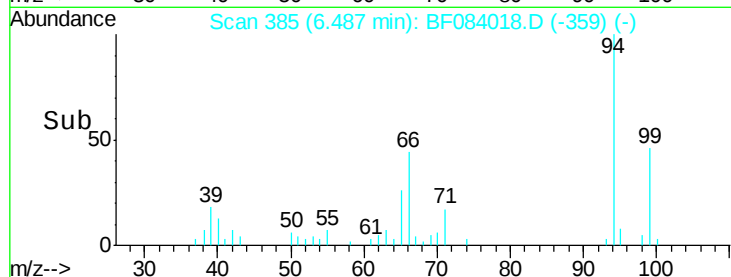
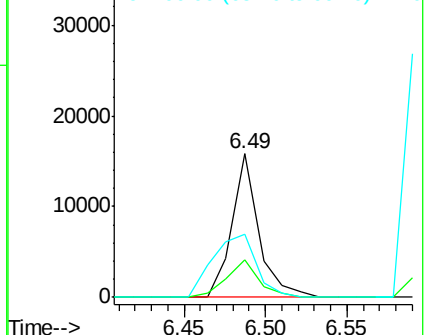
94 100

65 26.1 12.9 52.9

66 44.2 32.7 72.7



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



#18

Hexachloroethane

Concen: 3.27 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.06 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

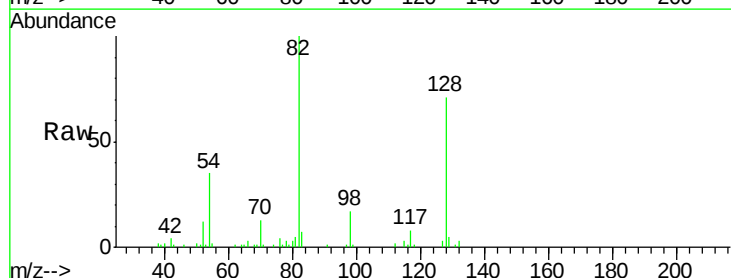
Tgt Ion: 117 Resp: 3741

Ion Ratio Lower Upper

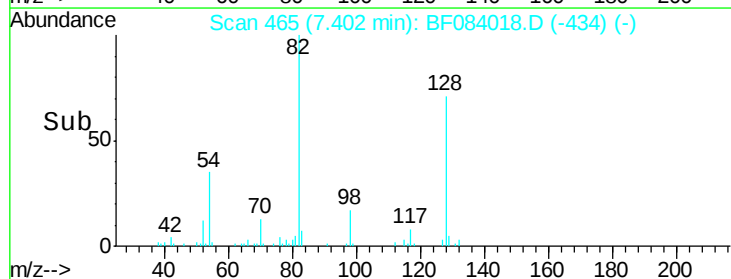
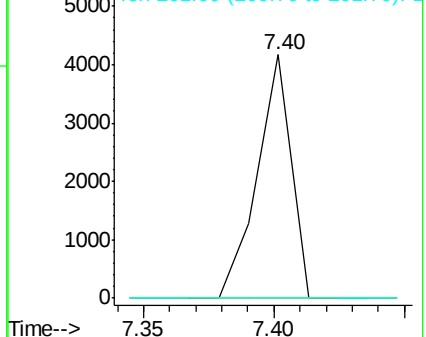
117 100

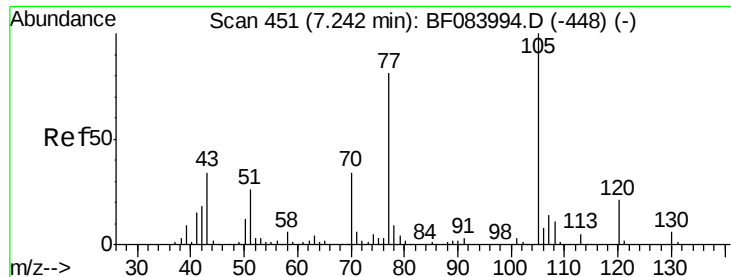
119 0.0 77.4 116.0#

201 0.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.24 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

Tot Ion: 70 Resp: 34249

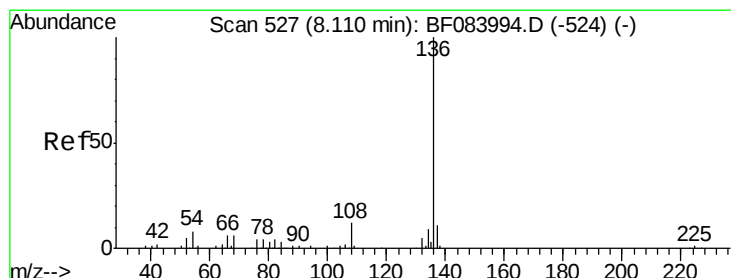
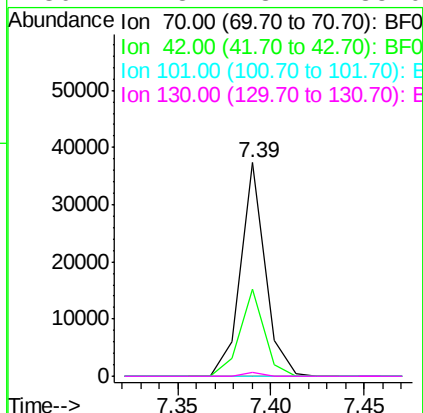
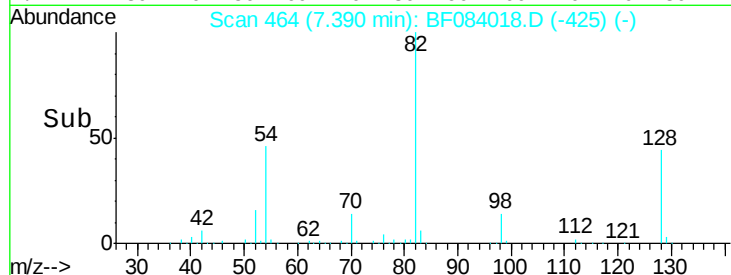
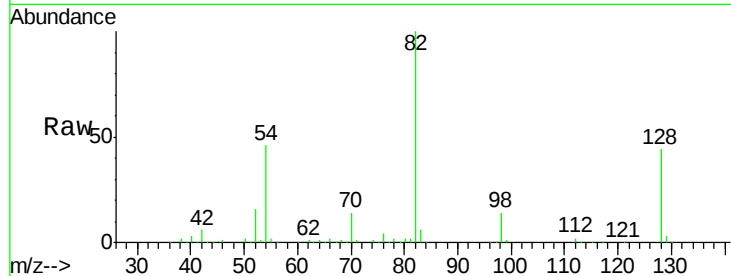
Ion Ratio Lower Upper

70 100

42 40.5 33.3 49.9

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Tgt Ion: 136 Resp: 167682

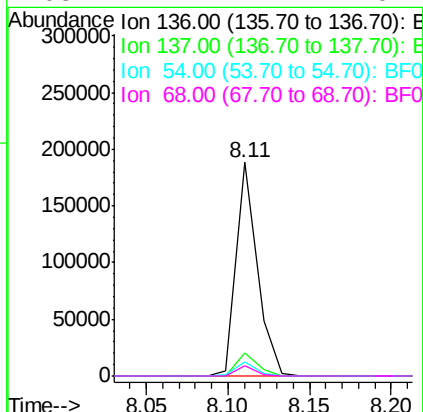
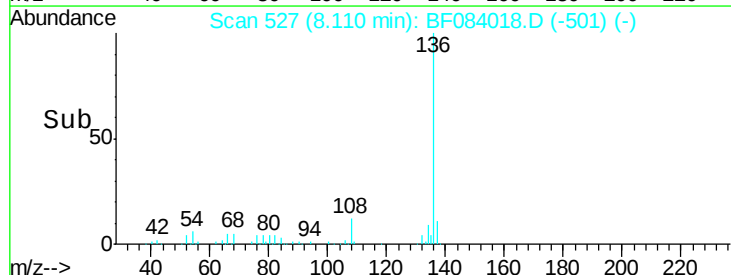
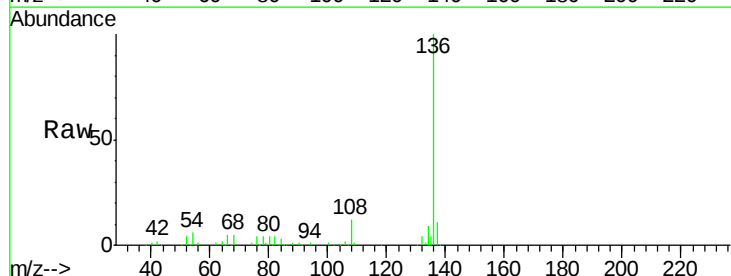
Ion Ratio Lower Upper

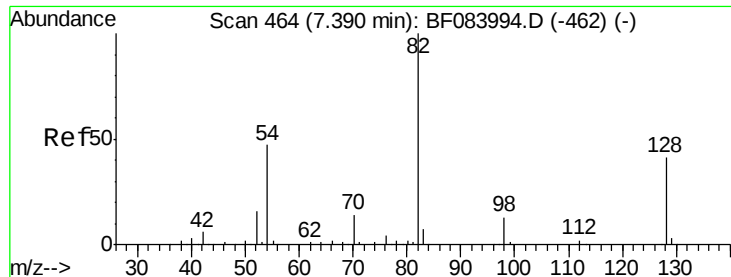
136 100

137 11.0 8.7 13.1

54 6.3 5.8 8.8

68 4.7 4.2 6.2

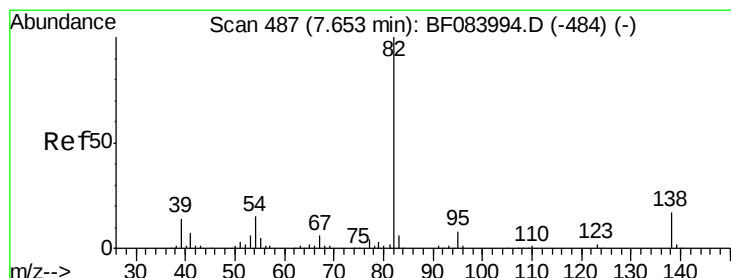
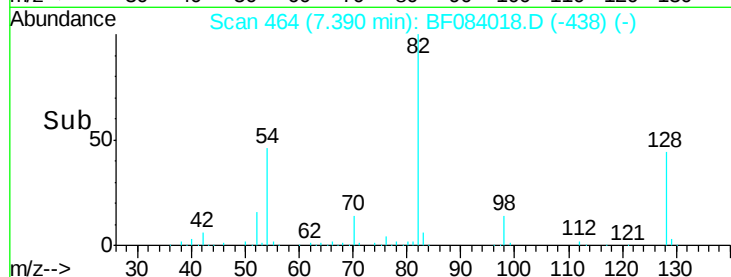
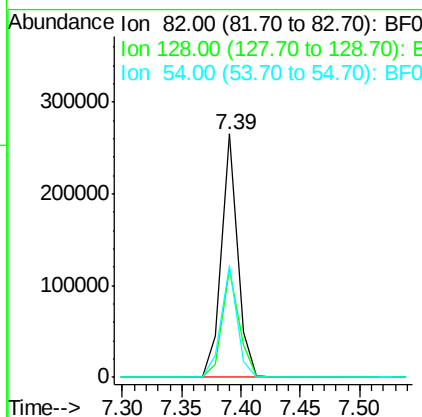
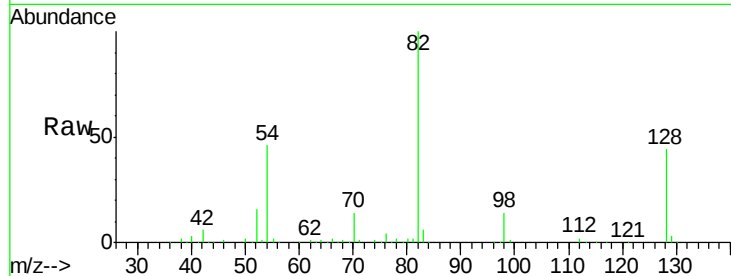




#23
 Nitrobenzene-d5
 Concen: 91.66 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

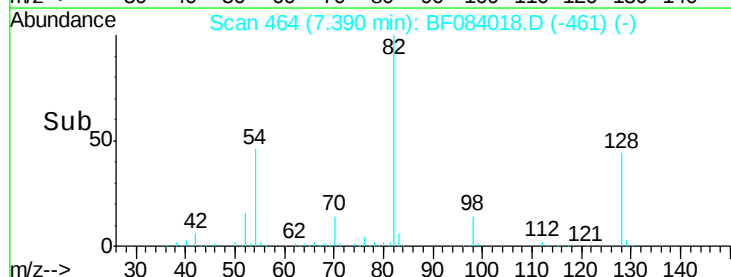
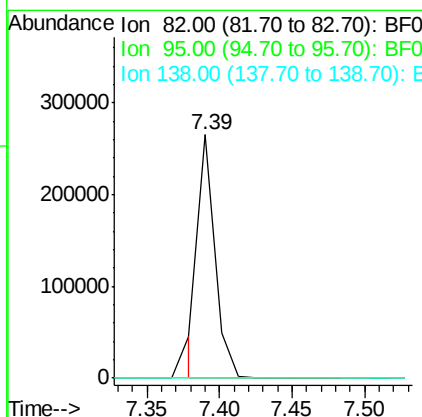
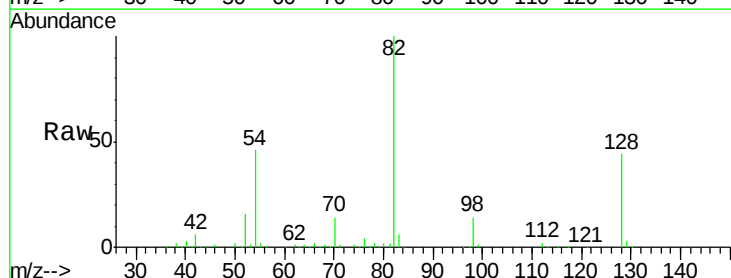
Instrument :
 BNA_F
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 20151215MGP155BRV169.5

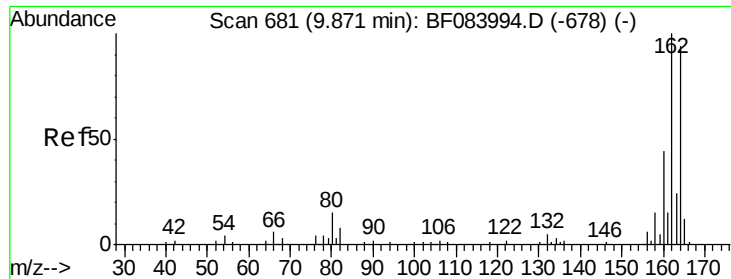
Tot Ion	82	Resp	250192
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.6	51.8
54	46.1	38.4	57.6



#25
 Isophorone
 Concen: 42.40 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

Tgt Ion	82	Resp	219290
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

Instrument :

BNA_F

ClientSampleId :

20151215MGP155BRV169.5

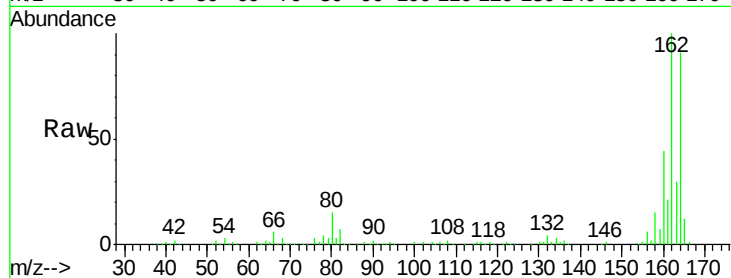
Tot Ion:164 Resp: 141634

Ion Ratio Lower Upper

164 100

162 109.5 85.1 127.7

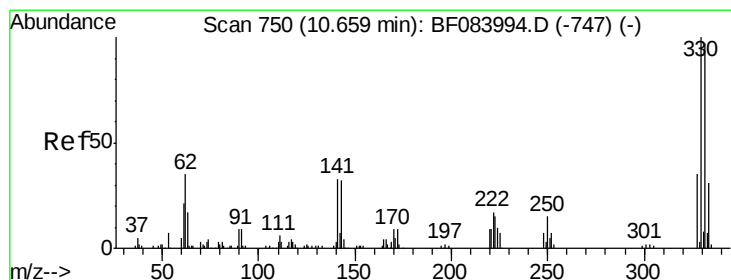
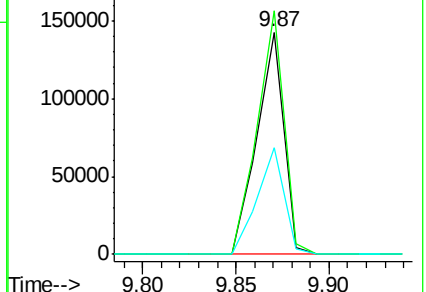
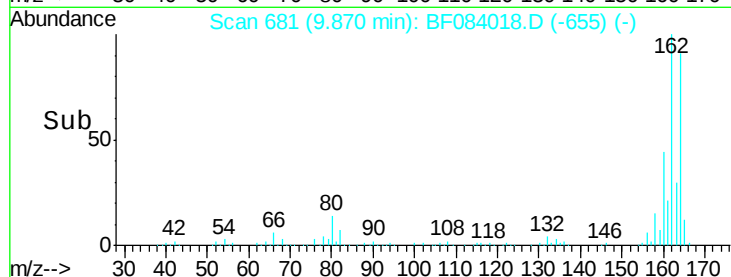
160 48.0 37.5 56.3



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: 162.24 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF084018.D

Acq: 23 Dec 2015 5:12

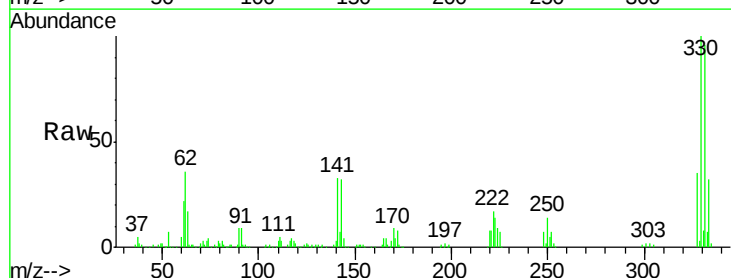
Tgt Ion:330 Resp: 221017

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

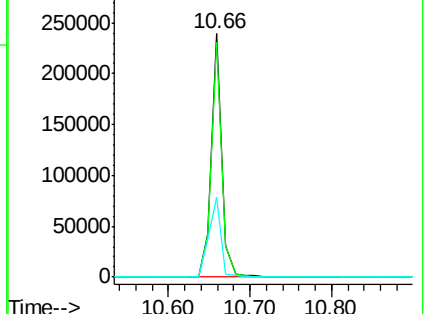
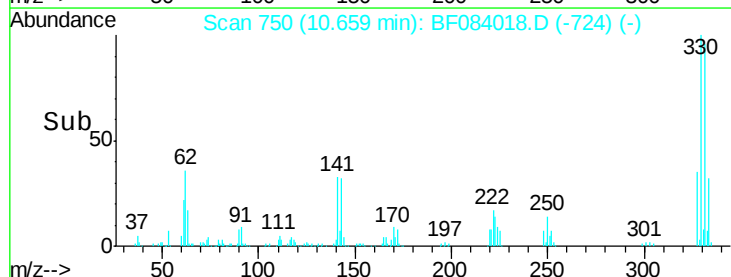
141 38.0 27.8 41.6

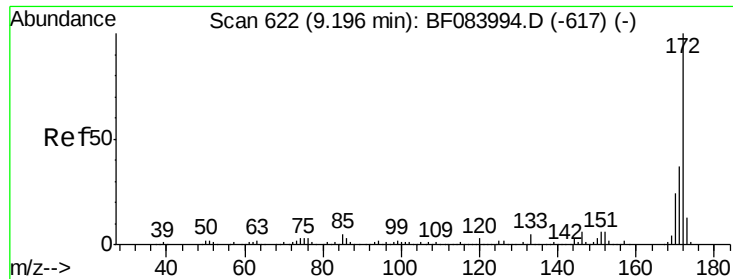


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

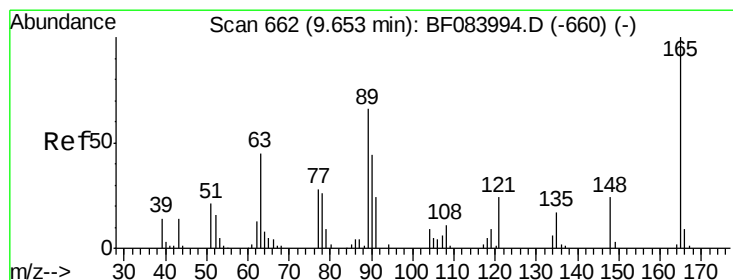
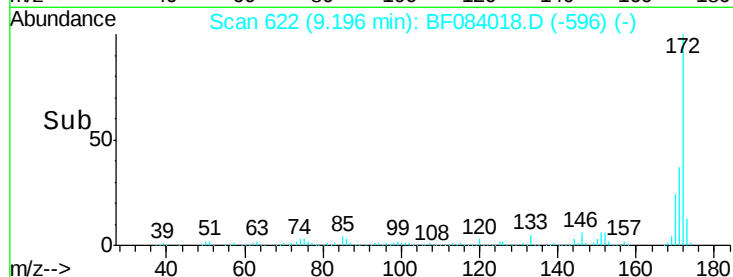
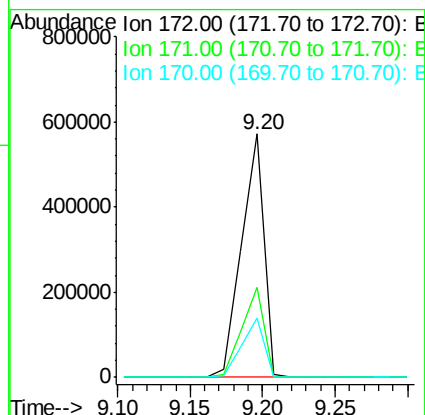
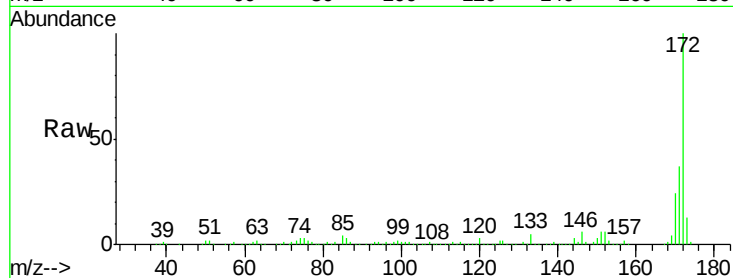




#44
 2-Fluorobiphenyl
 Concen: 58.48 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

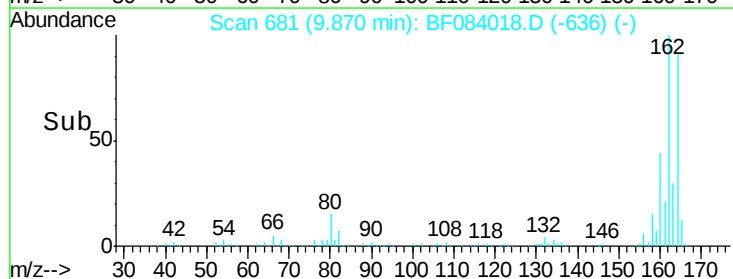
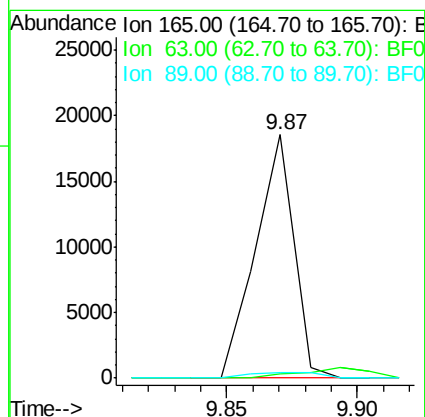
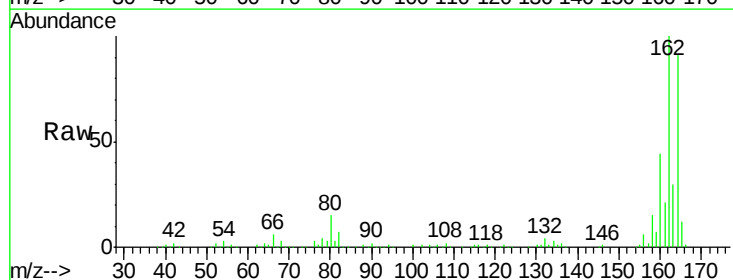
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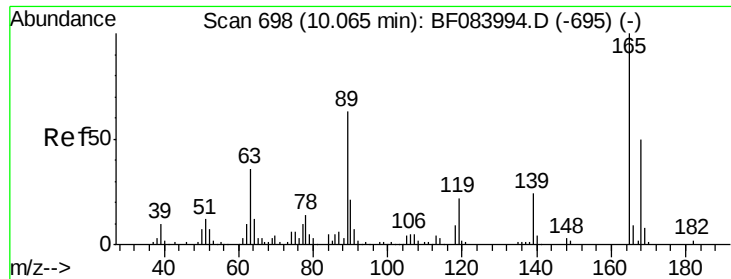
Tot Ion:172 Resp: 615449
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.2 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.22 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

Tgt Ion:165 Resp: 18841
 Ion Ratio Lower Upper
 165 100
 63 1.8 28.8 43.2#
 89 2.5 35.1 52.7#

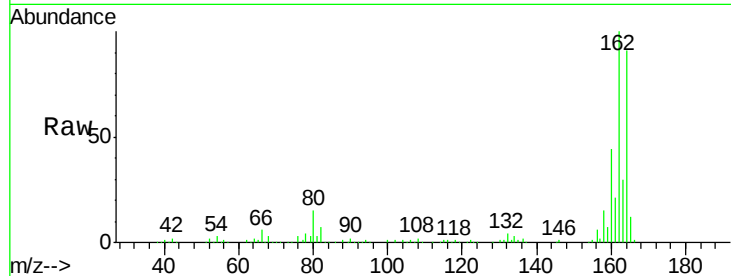




#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :
 20151215MGP155BRV169.5

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	2.5	61.9	92.9#
182	0.0	2.0	3.0#

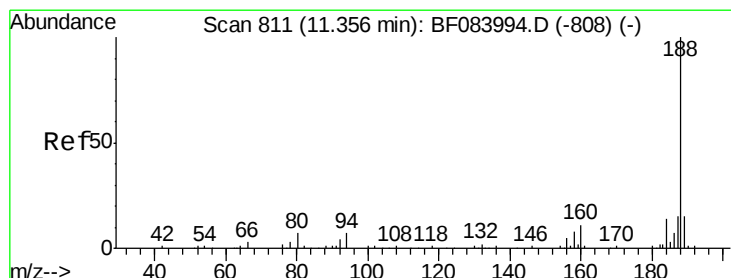
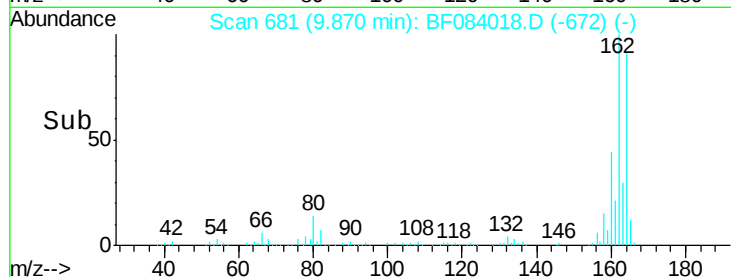
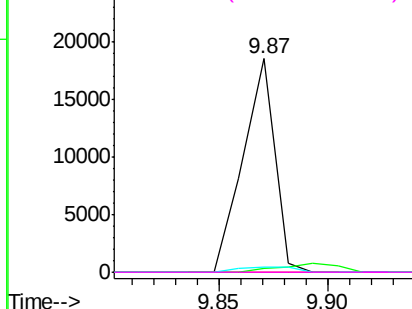


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

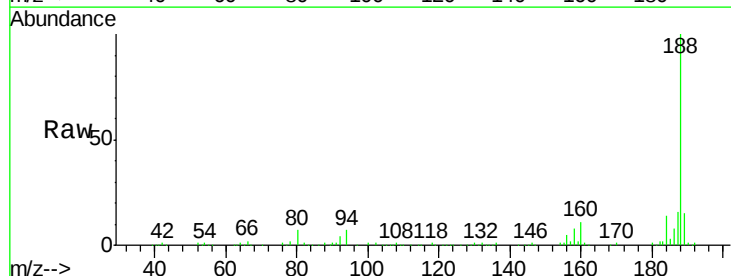
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

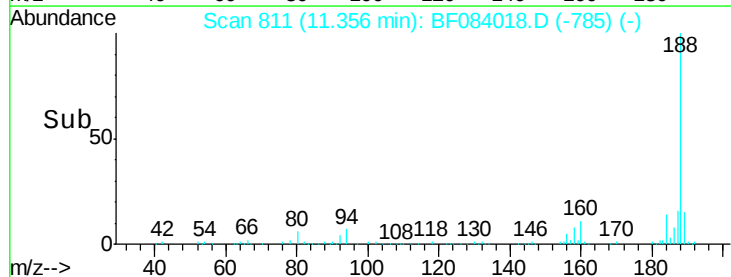
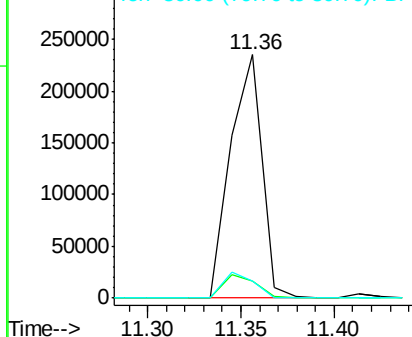
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.4#
80	6.8	9.6	14.4#

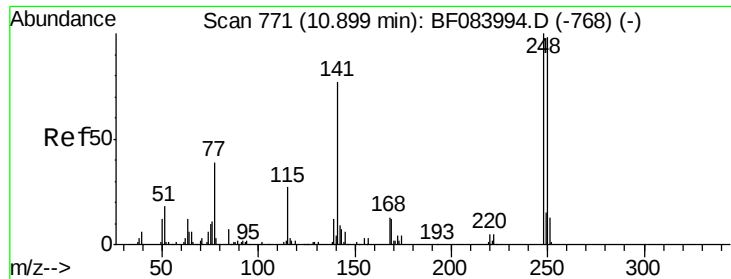


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

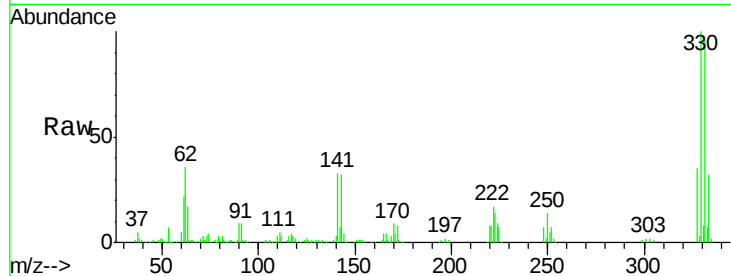




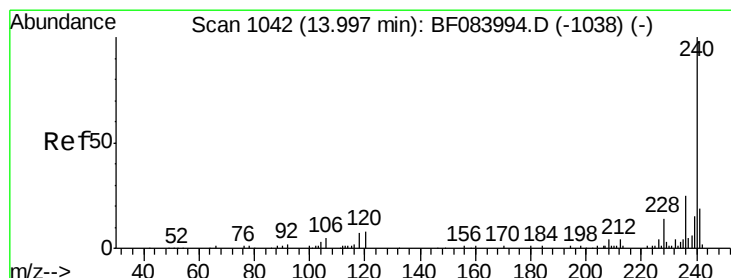
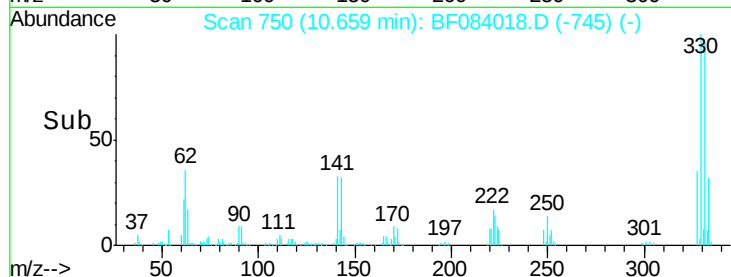
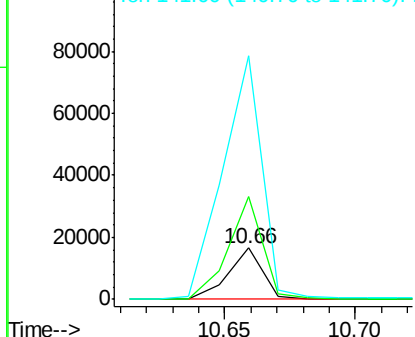
#66
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084018.D
Acq: 23 Dec 2015 5:12

Instrument :
BNA_F
ClientSampleId :
20151215MGP155BRV169.5

Tot Ion:248 Resp: 15348
Ion Ratio Lower Upper
248 100
250 200.4 78.4 117.6#
141 475.2 44.0 66.0#

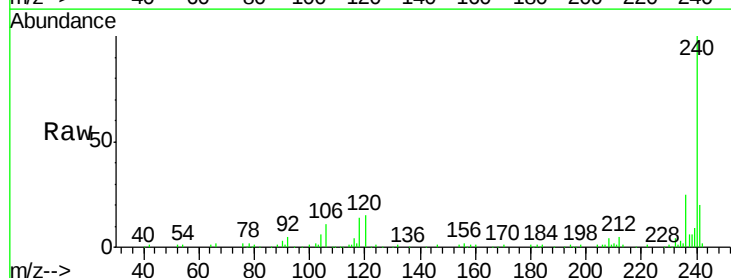


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

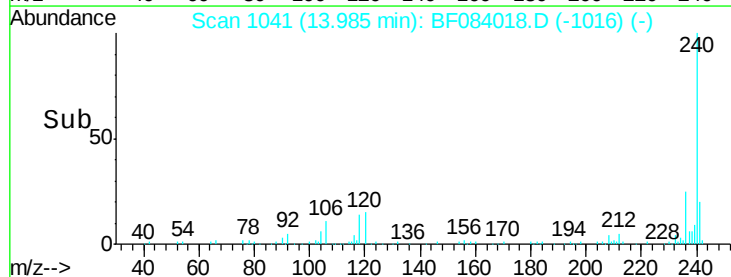
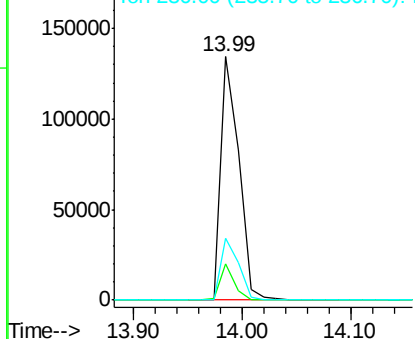


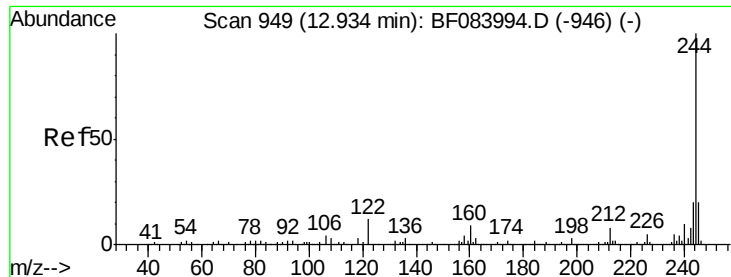
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084018.D
Acq: 23 Dec 2015 5:12

Tgt Ion:240 Resp: 155431
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.2 20.6 31.0



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

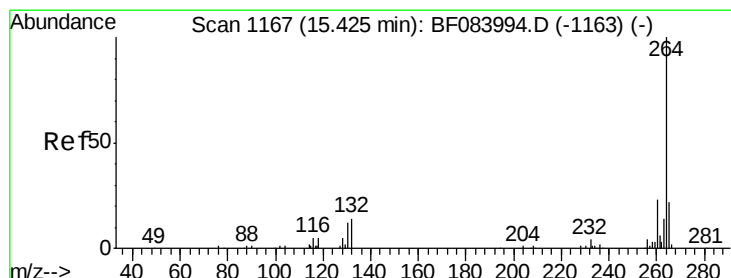
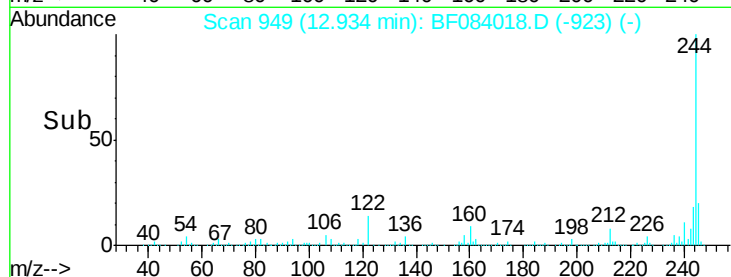
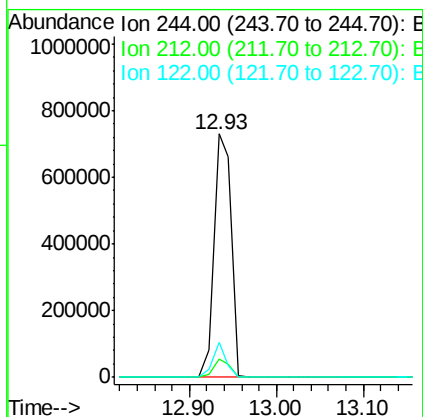
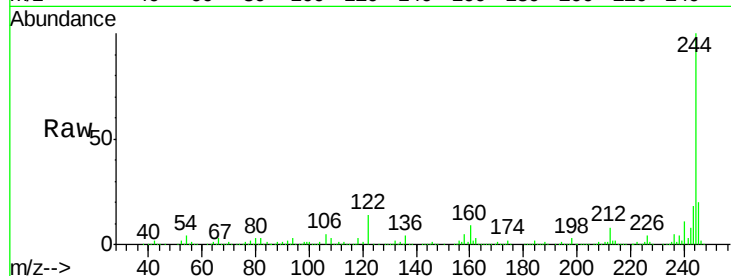




#78
 Terphenyl-d14
 Concen: 156.79 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :
 20151215MGP155BRV169.5

Tot Ion:244 Resp: 1021865
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 14.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084018.D
 Acq: 23 Dec 2015 5:12

Tgt Ion:264 Resp: 124535
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.3 17.8 26.6

