

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084743.D
 Acq On : 2 Feb 2016 7:00
 Operator : SJ/IZ
 Sample : H1273-01DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(10-12)DL

Quant Time: Feb 02 07:37:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

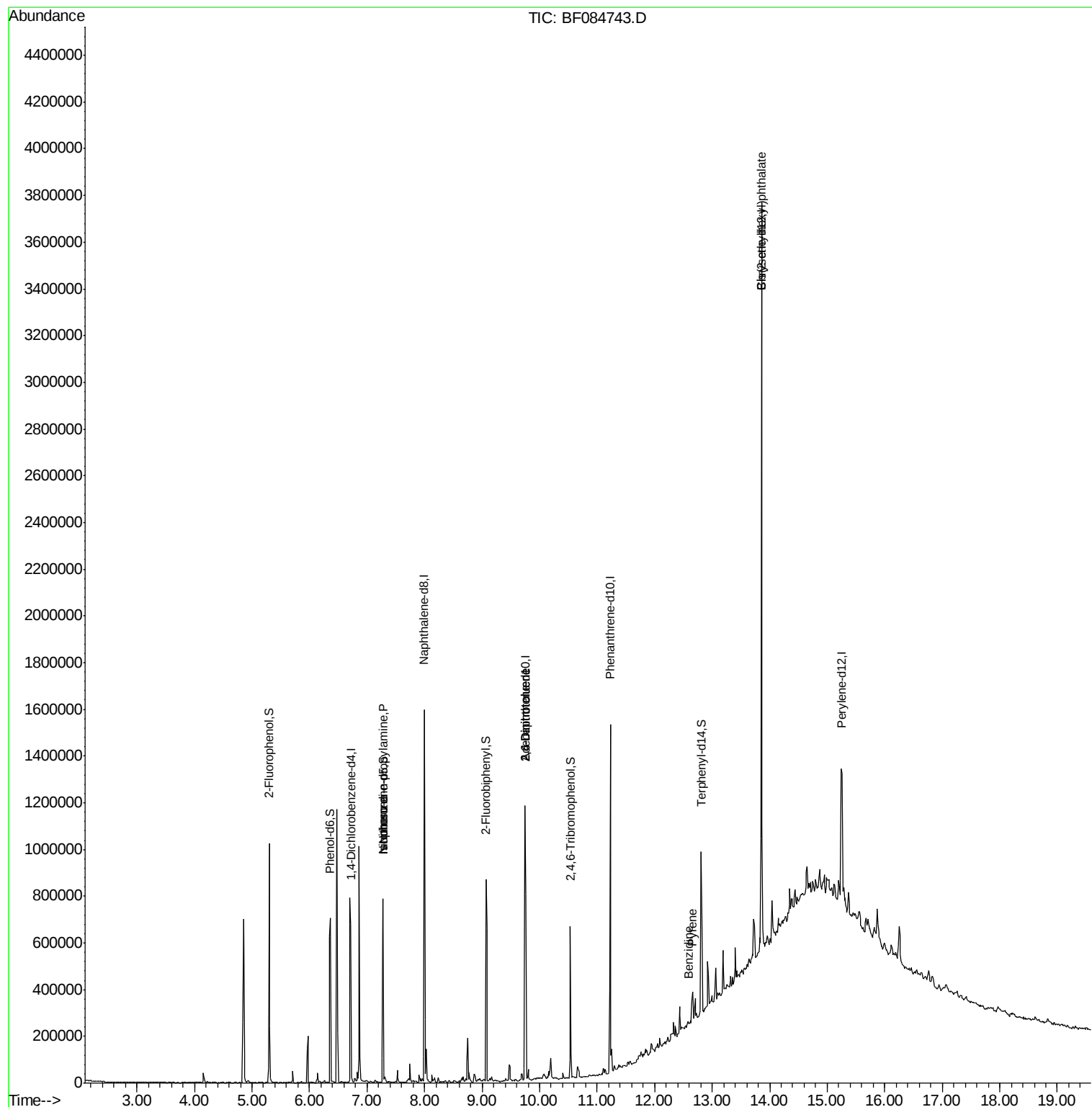
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166406	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	675658	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	294742	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	521176	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	320535	20.00	ng	-0.01
86) Perylene-d12	15.25	264	345263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	270800	25.35	ng	-0.01
7) Phenol-d6	6.36	99	333549	25.18	ng	-0.01
23) Nitrobenzene-d5	7.28	82	217860	18.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	67249	21.87	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	372862	16.00	ng	-0.02
78) Terphenyl-d14	12.81	244	260368	18.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	29416	3.54	ng	# 70
25) Isophorone	7.28	82	195356	8.38	ng	# 66
50) 2,6-Dinitrotoluene	9.74	165	36996	7.54	ng	# 38
56) 2,4-Dinitrotoluene	9.74	165	36996	5.91	ng	# 21
76) Benzidine	12.59	184	211	6.90	ng	# 1
77) Pyrene	12.66	202	52827	2.15	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	602868	43.51	ng	98

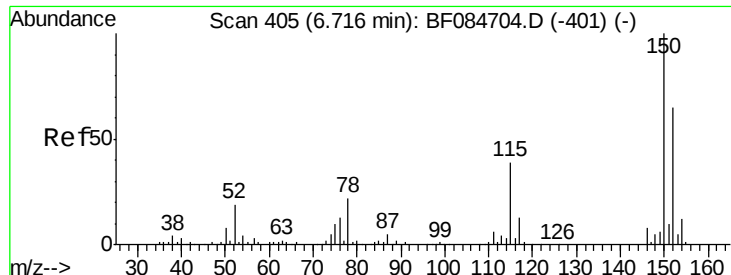
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SUP-B009(10-12)DL

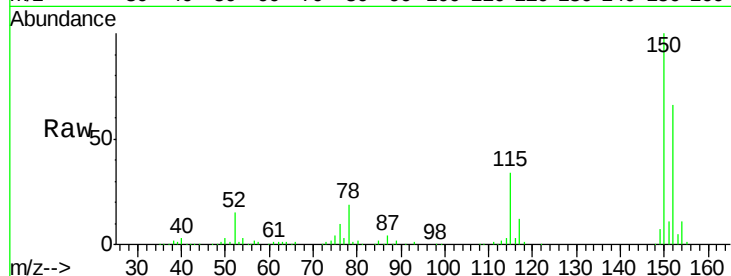
Tgt Ion:152 Resp: 166406

Ion Ratio Lower Upper

152 100

150 151.4 123.0 184.4

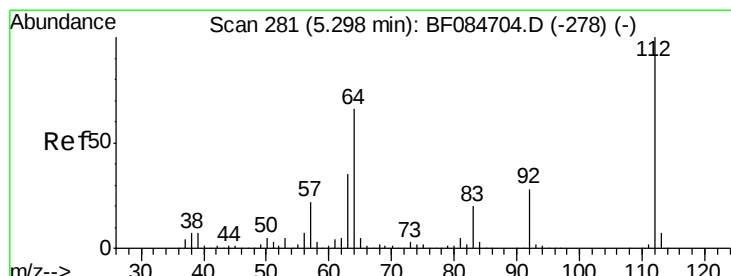
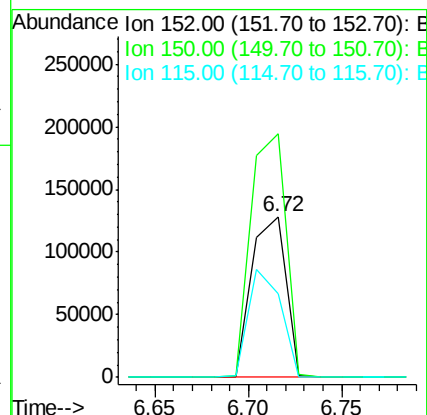
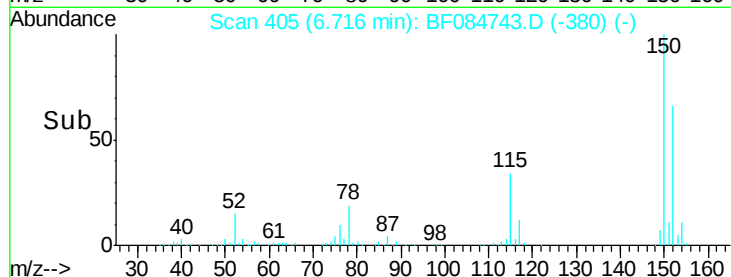
115 52.2 51.4 77.2



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: 25.35 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

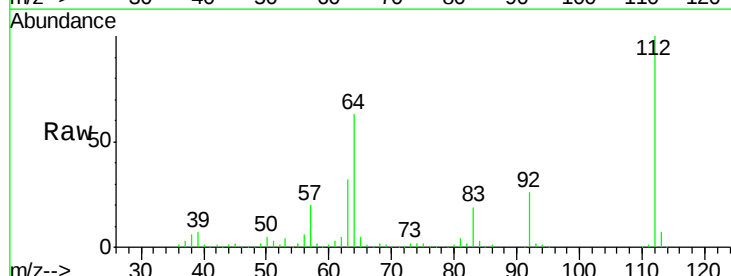
Tgt Ion:112 Resp: 270800

Ion Ratio Lower Upper

112 100

64 62.5 36.6 55.0#

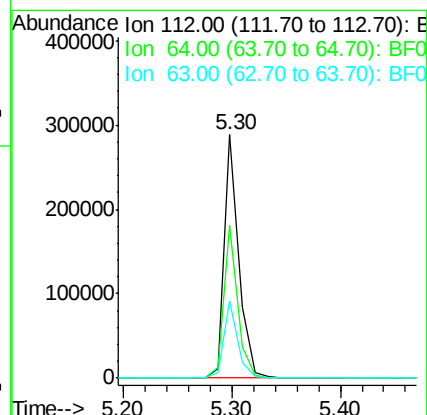
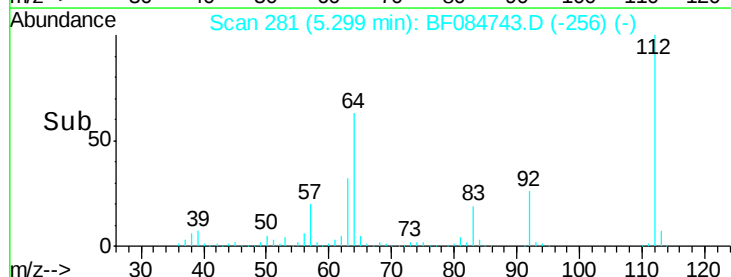
63 31.7 19.4 29.0#

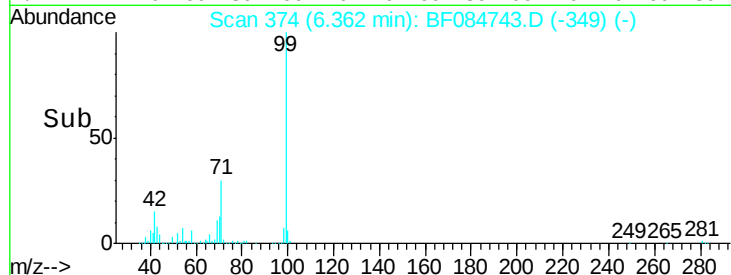
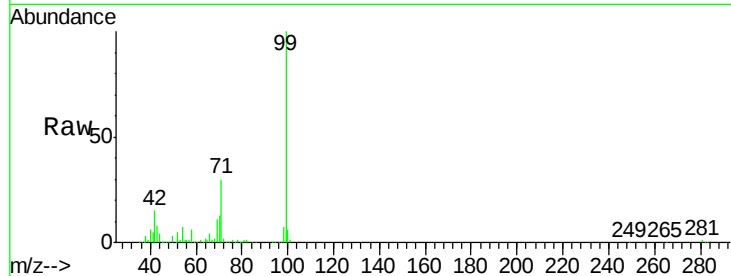
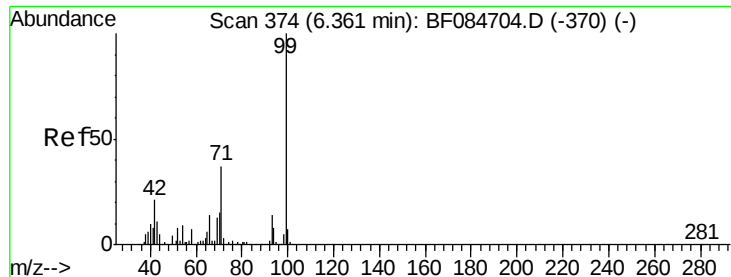


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.18 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

Instrument :

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SUP-B009(10-12)DL

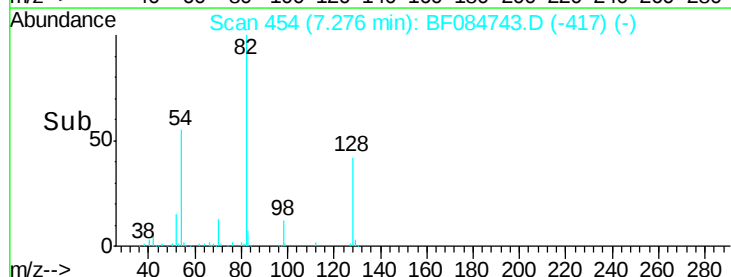
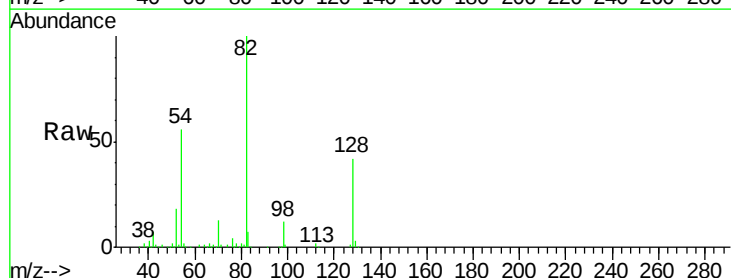
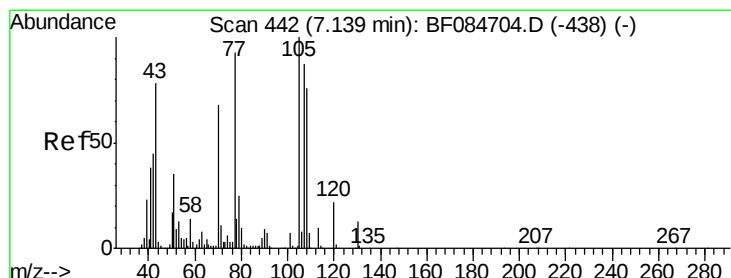
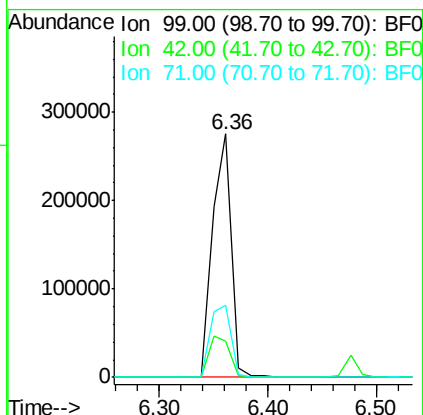
Tgt Ion: 99 Resp: 333549

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

71 29.6 30.9 46.3#



#19

n-Nitroso-di-n-propylamine

Concen: 3.54 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

Tgt Ion: 70 Resp: 29416

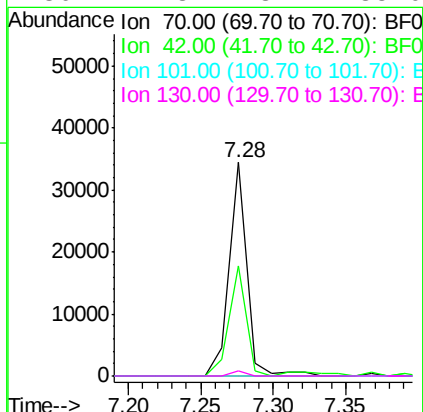
Ion Ratio Lower Upper

70 100

42 51.6 33.3 49.9#

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

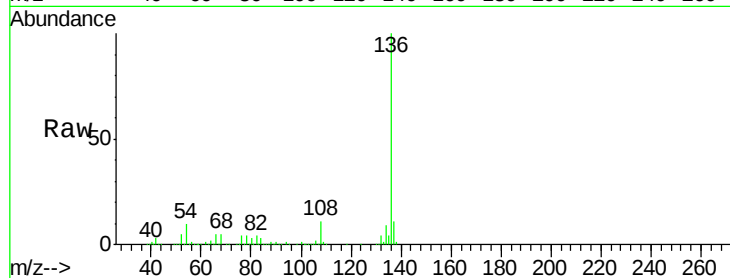




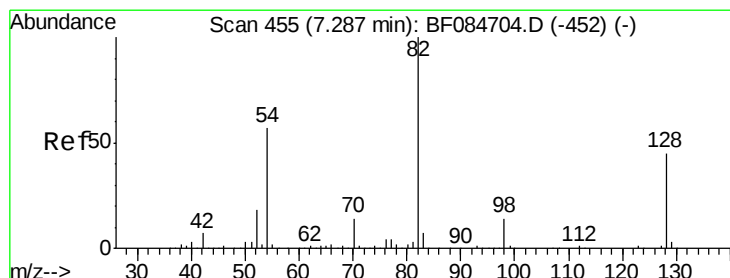
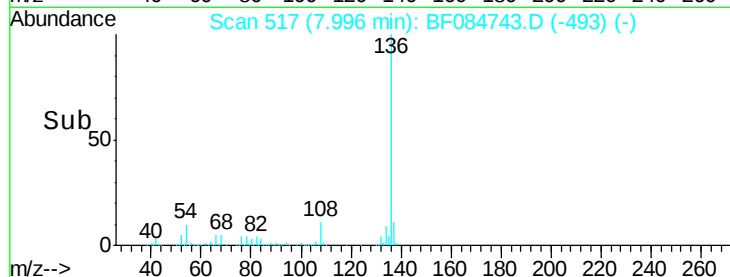
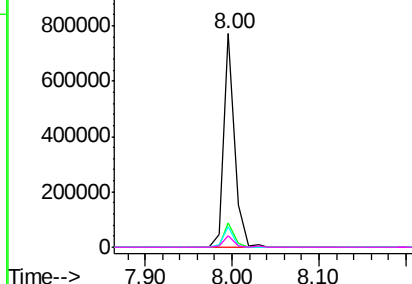
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084743.D
Acq: 2 Feb 2016 7:00

Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)DL

Tgt Ion:	136	Resp:	675658
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	5.8	8.8#
68	5.4	4.2	6.2

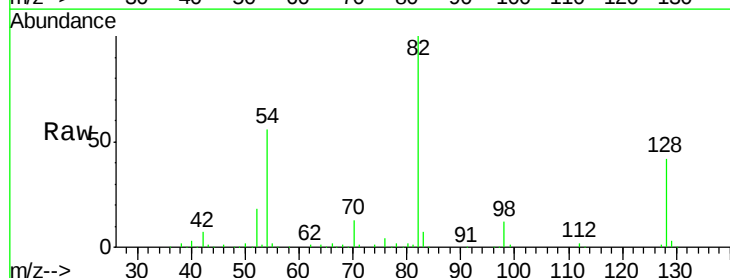


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF0
800000
Ion 68.00 (67.70 to 68.70): BF0
600000
400000
200000
0

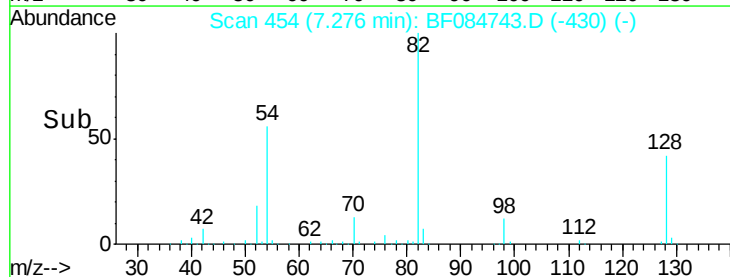
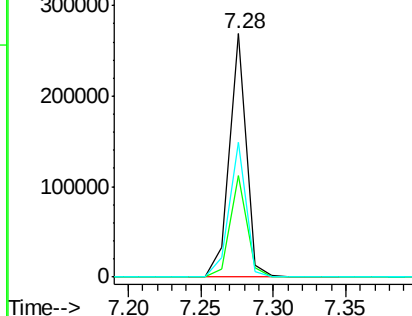


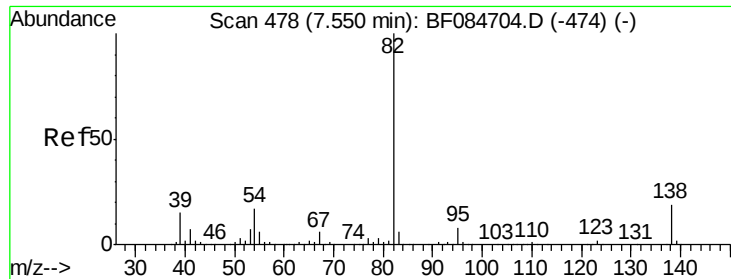
#23
Nitrobenzene-d5
Concen: 18.16 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084743.D
Acq: 2 Feb 2016 7:00

Tgt Ion:	82	Resp:	217860
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	55.5	38.4	57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
300000
Ion 128.00 (127.70 to 128.70): E
200000
Ion 54.00 (53.70 to 54.70): BF0
100000
0





#25

Isophorone

Concen: 8.38 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SUP-B009(10-12)DL

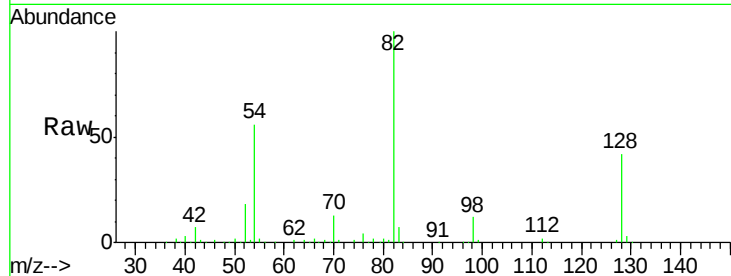
Tgt Ion: 82 Resp: 195356

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

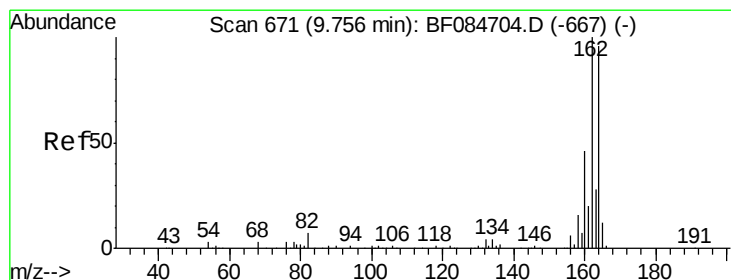
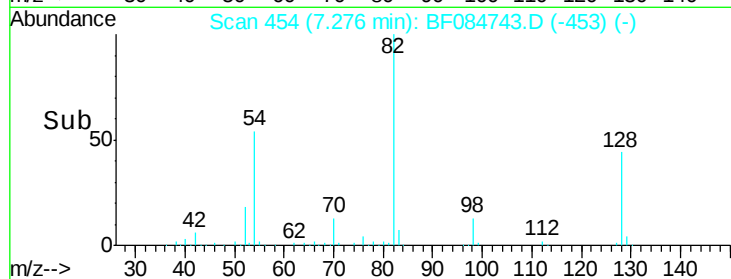
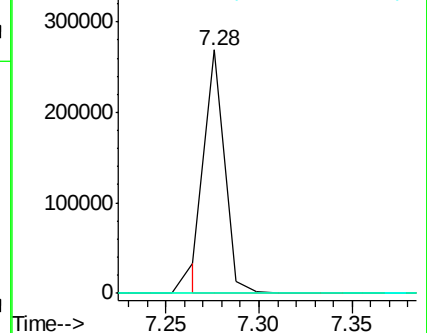
138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

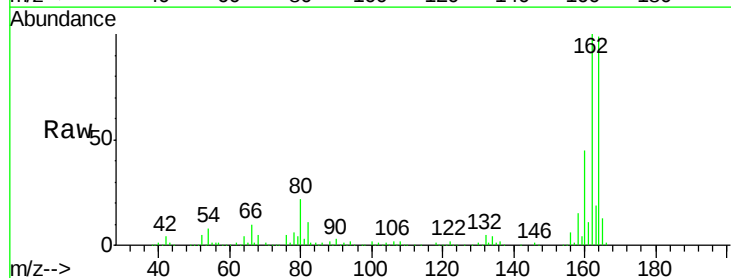
Tgt Ion: 164 Resp: 294742

Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

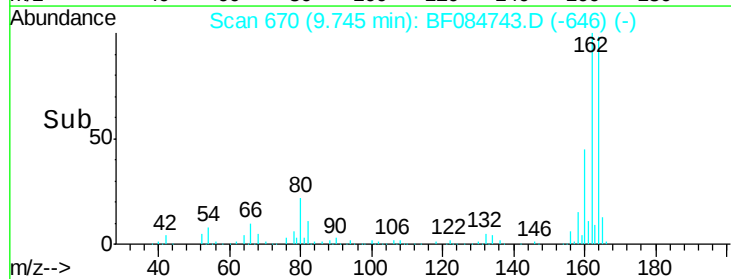
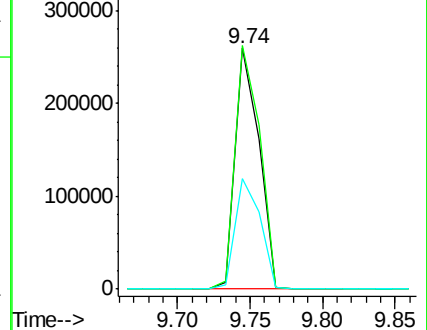
160 45.7 37.5 56.3

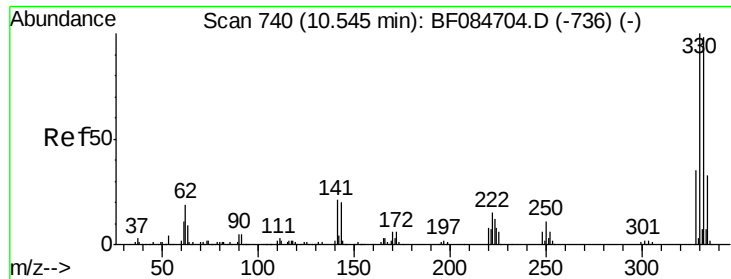


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

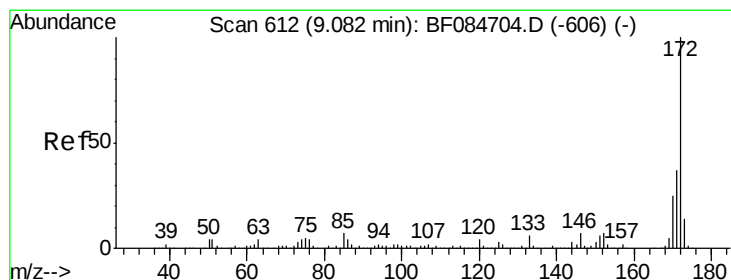
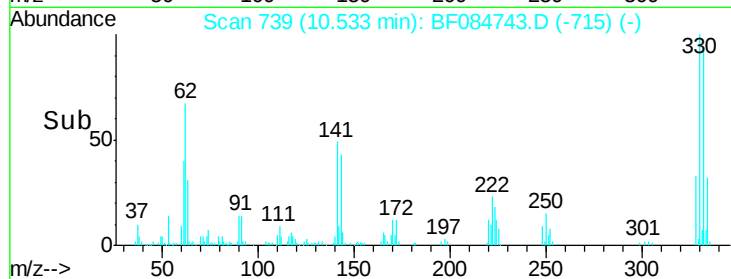
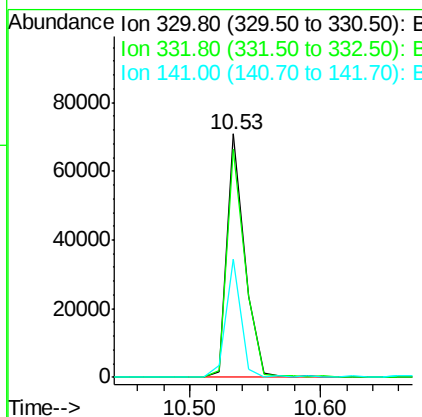
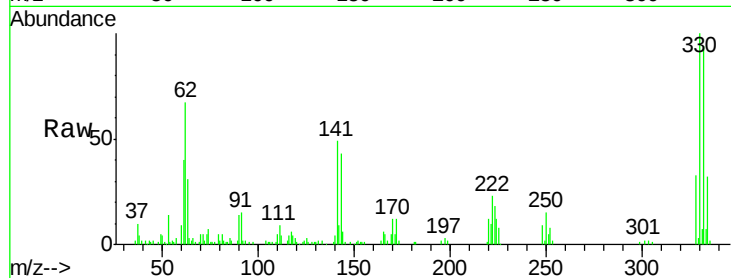




#41
 2,4,6-Tribromophenol
 Concen: 21.87 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084743.D
 Acq: 2 Feb 2016 7:00

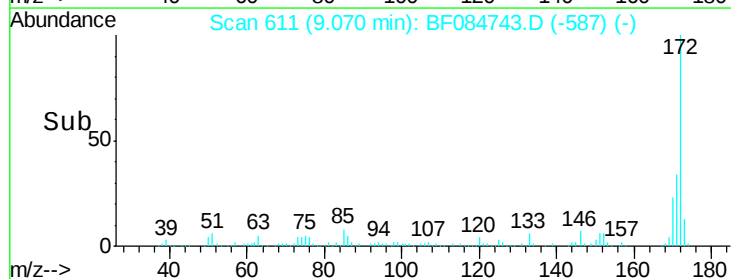
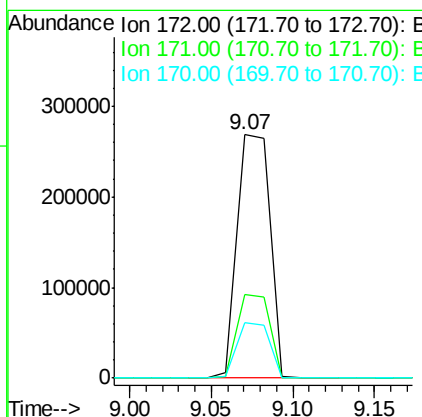
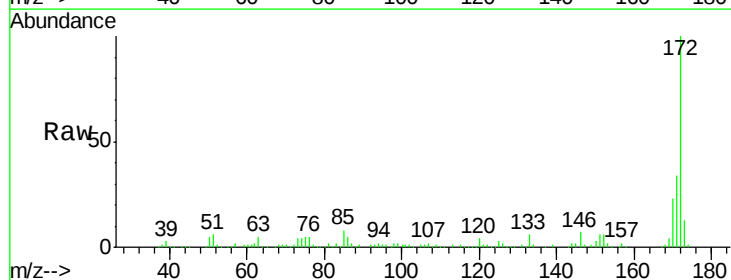
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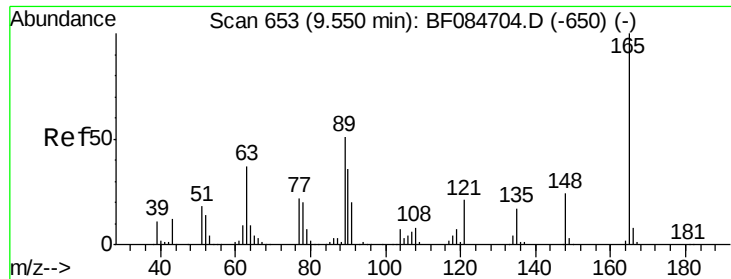
Tgt Ion:330 Resp: 67249
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 41.9 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 16.00 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084743.D
 Acq: 2 Feb 2016 7:00

Tgt Ion:172 Resp: 372862
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.9 43.3
 170 23.0 18.6 27.8

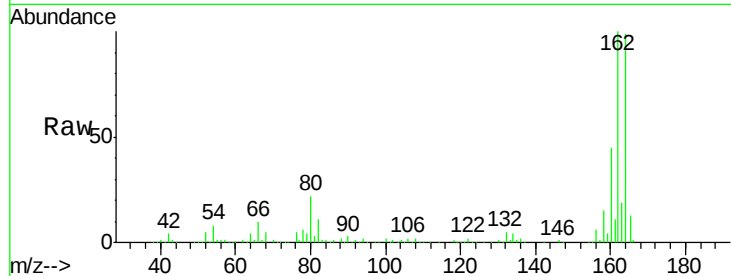




#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.18 min
 Lab File: BF084743.D
 Acq: 2 Feb 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(10-12)DL

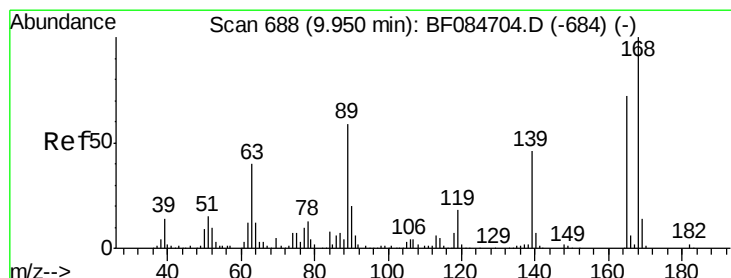
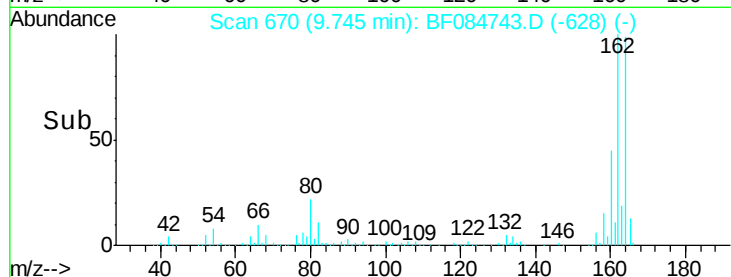
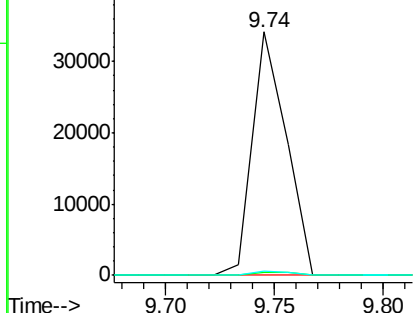
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.7	35.1	52.7#



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: 5.91 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF084743.D
 Acq: 2 Feb 2016 7:00

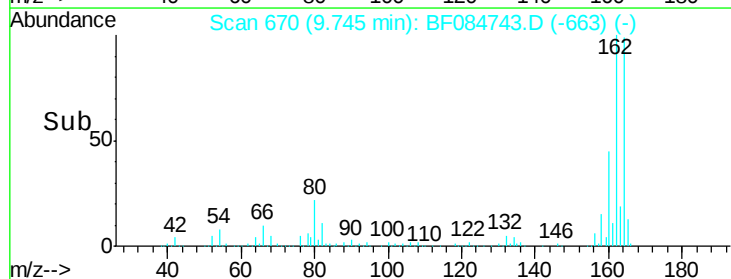
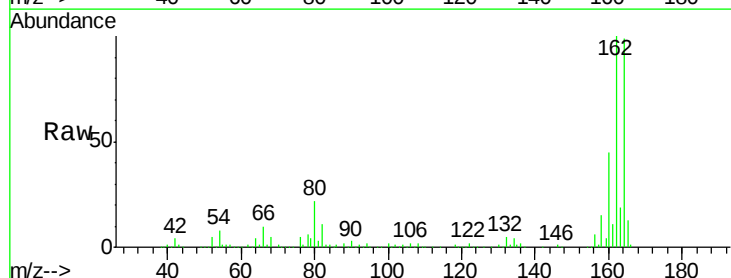
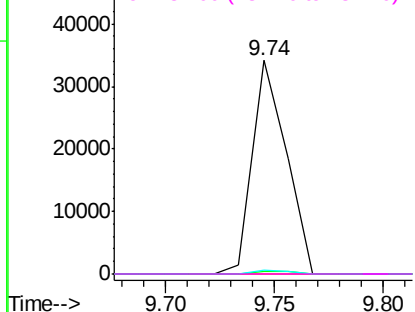
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

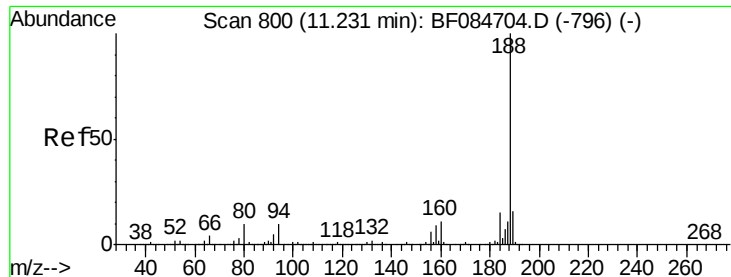
Abundance Ion 165.00 (164.70 to 165.70): E

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

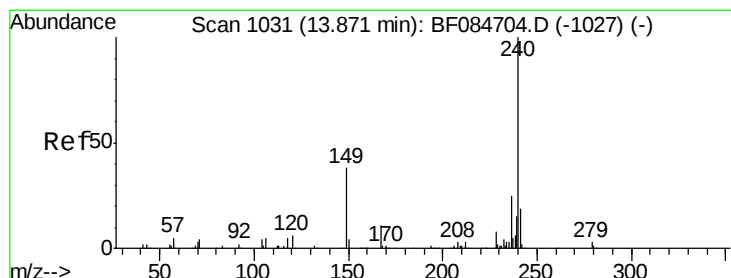
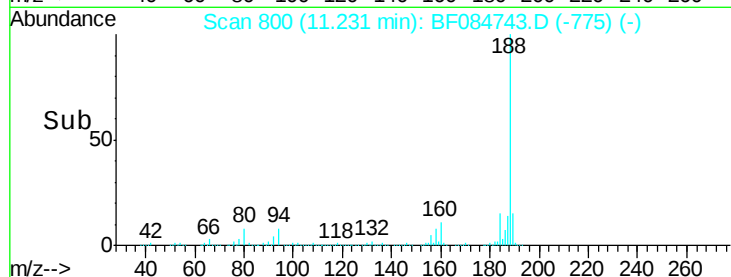
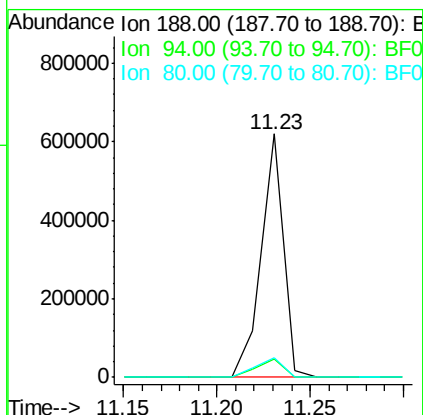
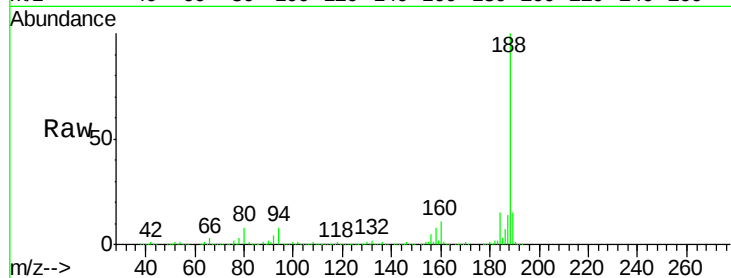




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084743.D
Acq: 2 Feb 2016 7:00

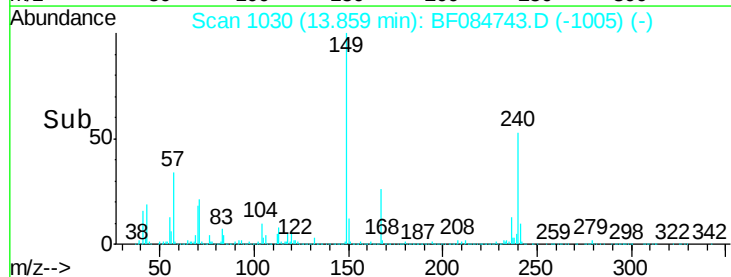
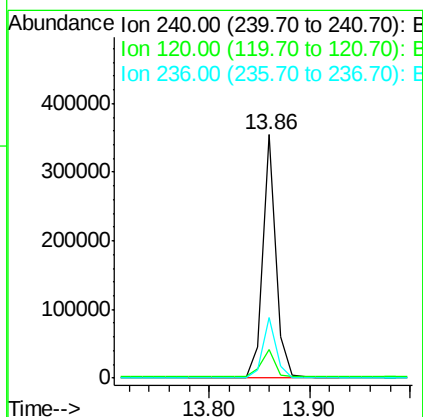
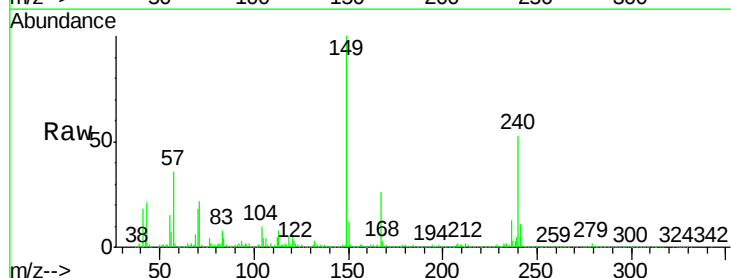
Instrument :
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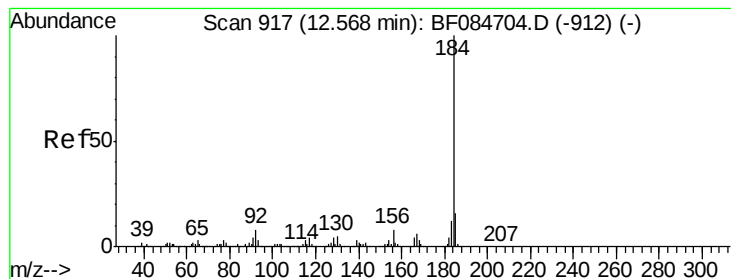
Tgt Ion:188 Resp: 521176
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.4#
80 7.9 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084743.D
Acq: 2 Feb 2016 7:00

Tgt Ion:240 Resp: 320535
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.9 20.6 31.0





#76

Benzidine

Concen: 6.90 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SUP-B009(10-12)DL

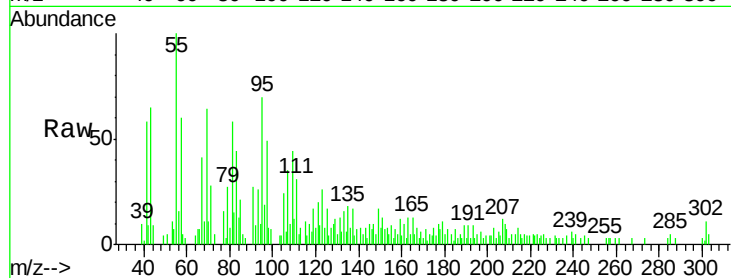
Tgt Ion:184 Resp: 211

Ion Ratio Lower Upper

184 100

185 293.2 12.2 18.2#

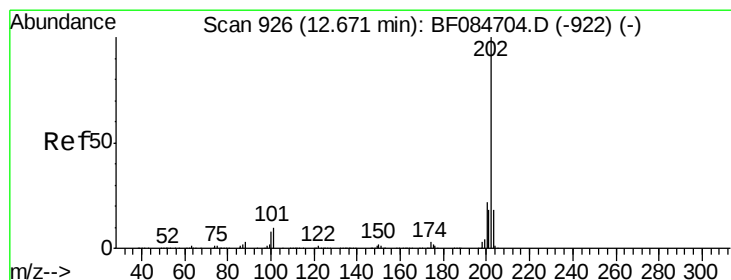
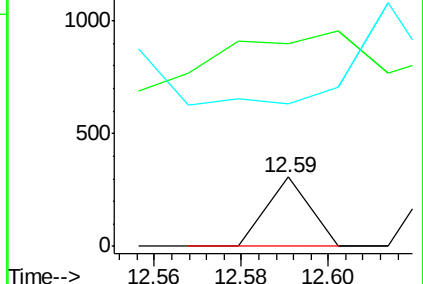
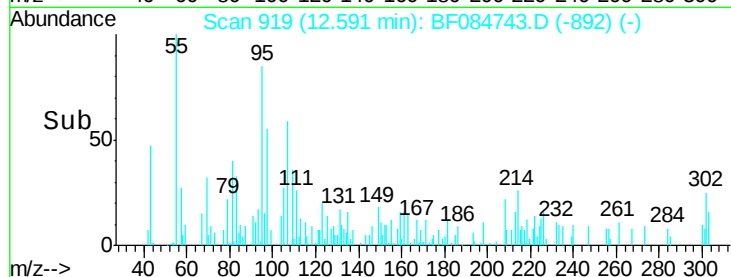
183 205.9 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.15 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

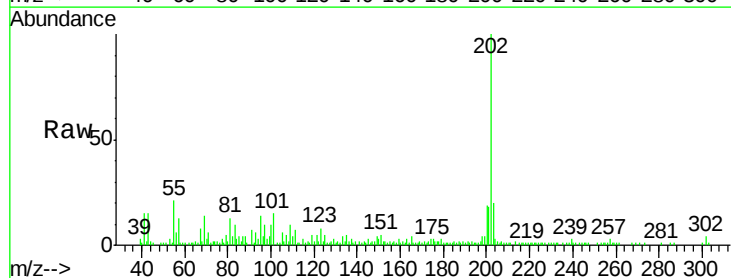
Tgt Ion:202 Resp: 52827

Ion Ratio Lower Upper

202 100

200 19.3 17.2 25.8

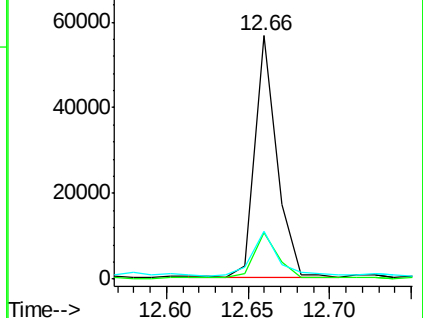
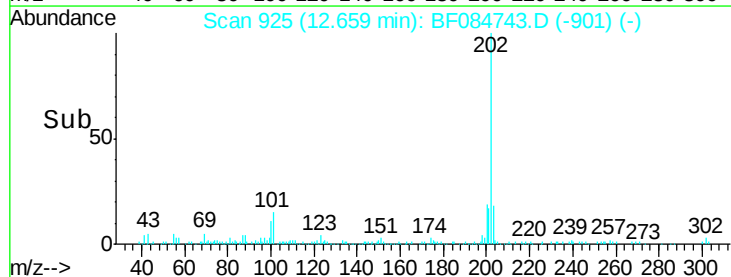
203 19.7 14.3 21.5

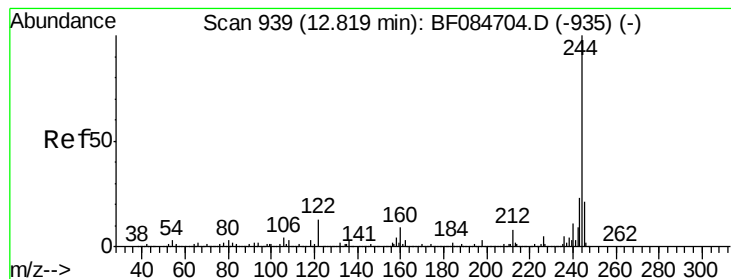


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 18.41 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

Instrument :

BNA_F

ClientSampleId :

SUP-B009(10-12)DL

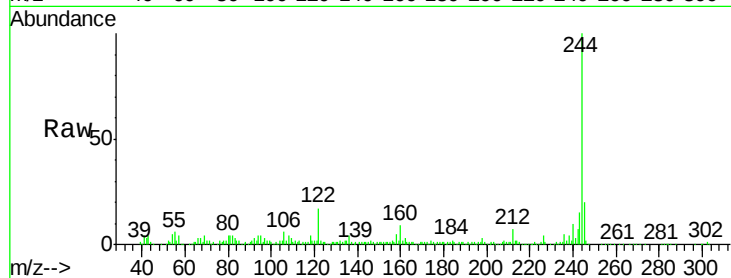
Tgt Ion:244 Resp: 260368

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

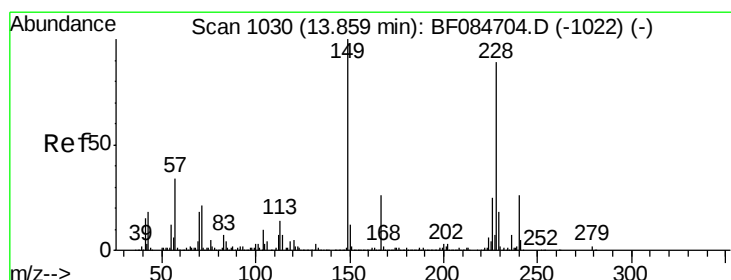
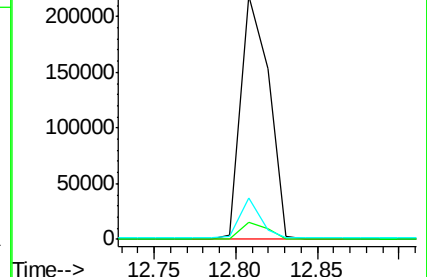
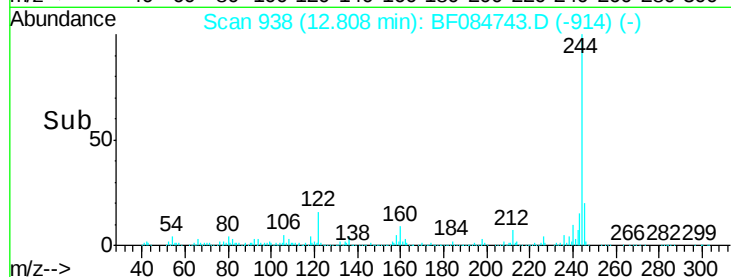
122 16.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.51 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084743.D

Acq: 2 Feb 2016 7:00

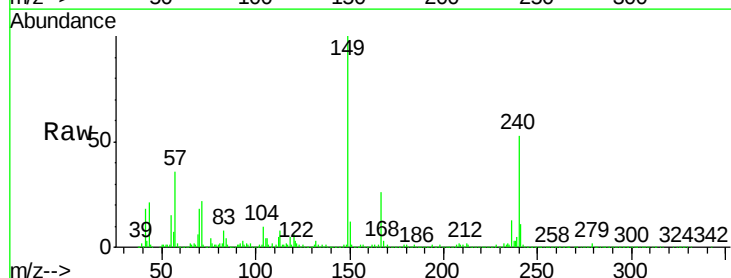
Tgt Ion:149 Resp: 602868

Ion Ratio Lower Upper

149 100

167 25.8 19.7 29.5

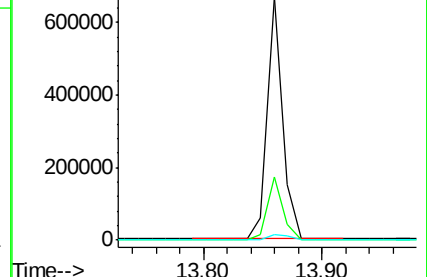
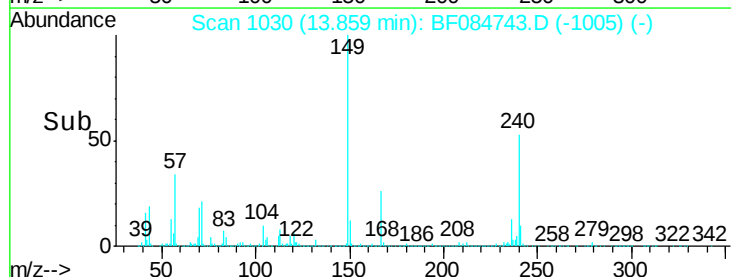
279 2.5 1.8 2.6

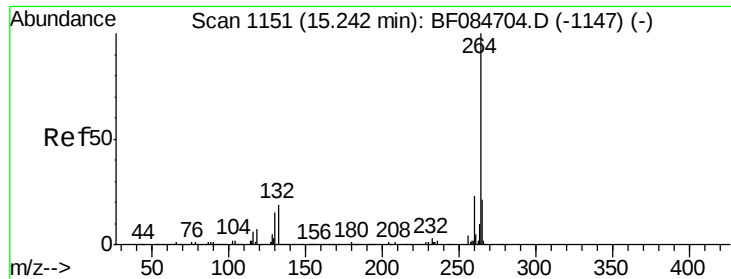


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

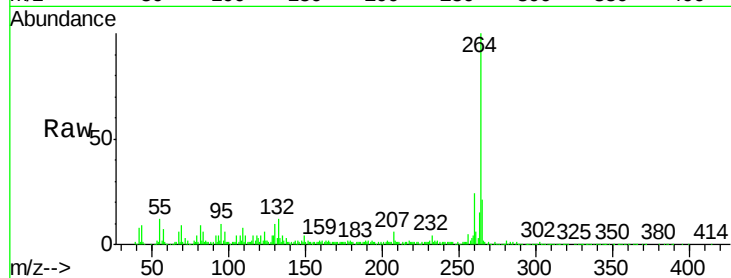




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084743.D
Acq: 2 Feb 2016 7:00

Instrument :
BNA_F
ClientSampleId :
SUP-B009(10-12)DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.3	17.8	26.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

