

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088218.D
 Acq On : 21 Jun 2016 17:49
 Operator : UM/SJ
 Sample : H3697-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 18:38:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

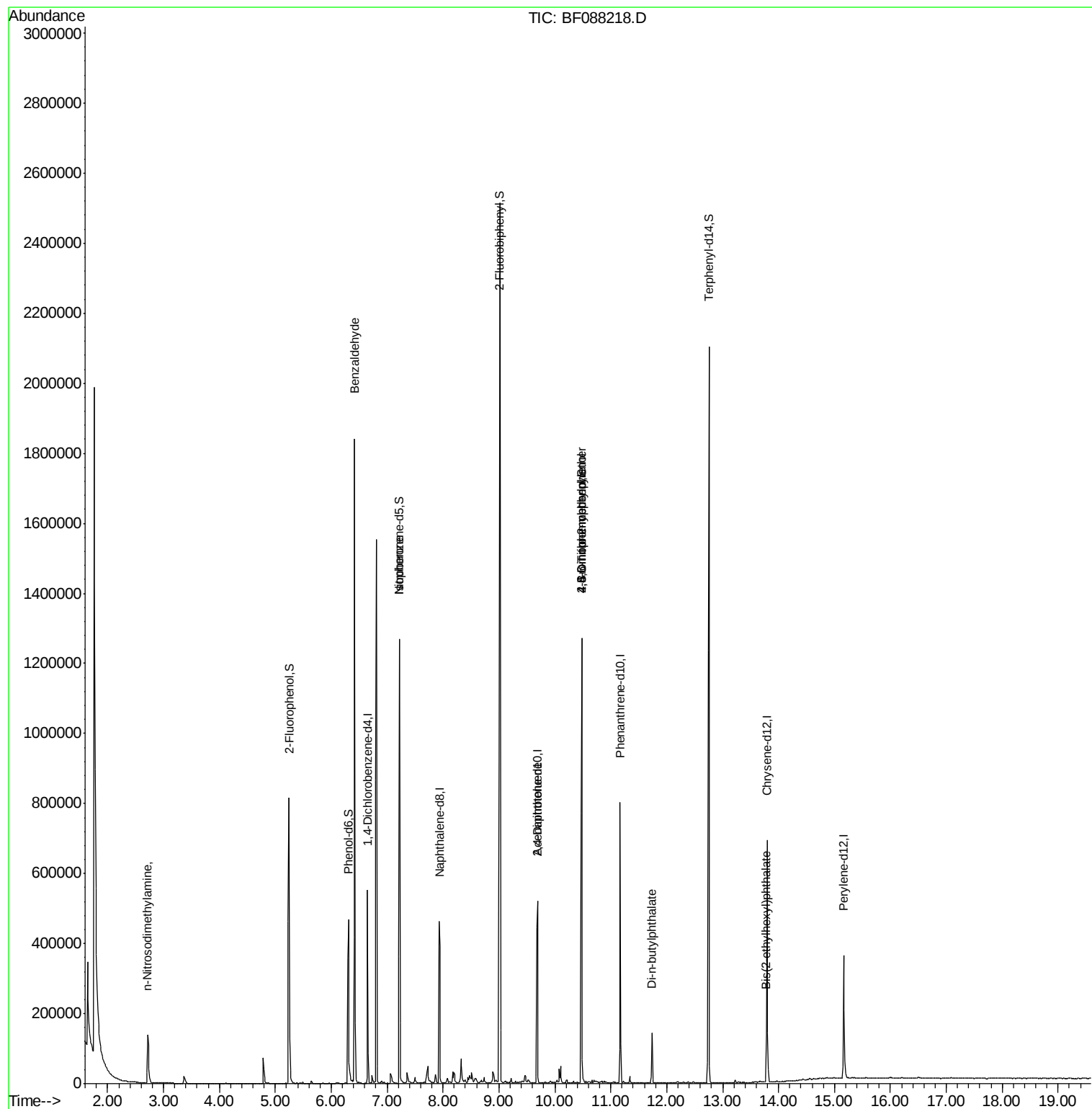
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	83421	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	312743	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	146467	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	278772	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	228734	20.00	ng	-0.01
86) Perylene-d12	15.17	264	161602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	324329	66.46	ng	-0.01
7) Phenol-d6	6.31	99	253298	42.83	ng	-0.02
23) Nitrobenzene-d5	7.22	82	443850	82.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	184881	119.55	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	825344	88.77	ng	-0.02
78) Terphenyl-d14	12.75	244	781816	77.78	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.72	42	5719	2.41	ng	# 1
9) Benzaldehyde	6.42	77	10971	2.66	ng	# 75
10) Phenol	6.32	94	630	Below Cal		# 1
25) Isophorone	7.22	82	354839	35.77	ng	# 65
45) 1,1'-Biphenyl	9.12	154	2037	Below Cal		# 89
56) 2,4-Dinitrotoluene	9.69	165	18524	5.93	ng	# 36
57) Fluorene	10.48	166	9445	Below Cal		# 84
64) 4,6-Dinitro-2-methylphenol	10.48	198	270	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	12725	4.25	ng	# 1
73) Di-n-butylphthalate	11.74	149	73142	4.18	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	28081	3.07	ng	97

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

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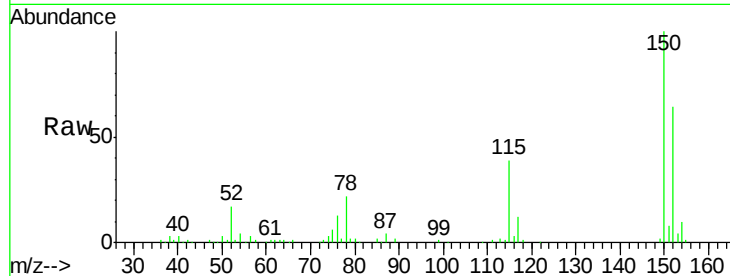


#1

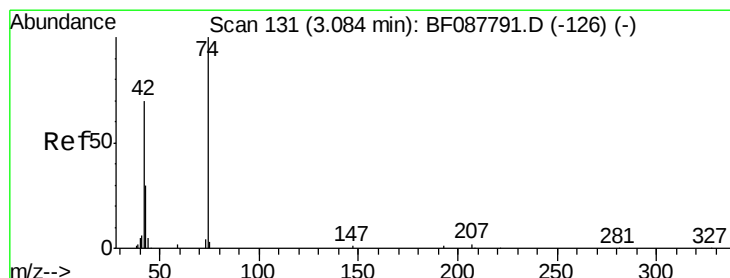
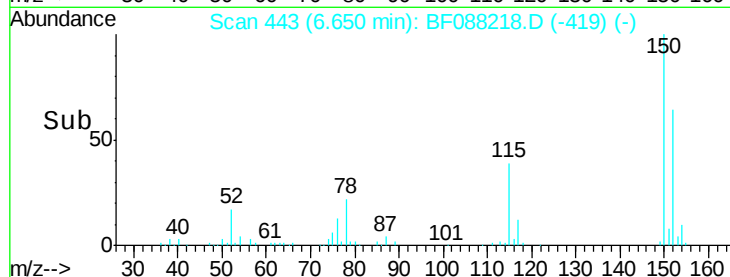
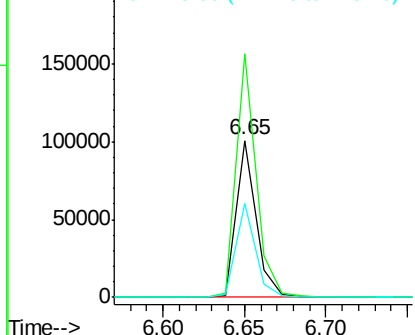
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088218.D
Acq: 21 Jun 2016 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83421
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 59.8 39.6 59.4#



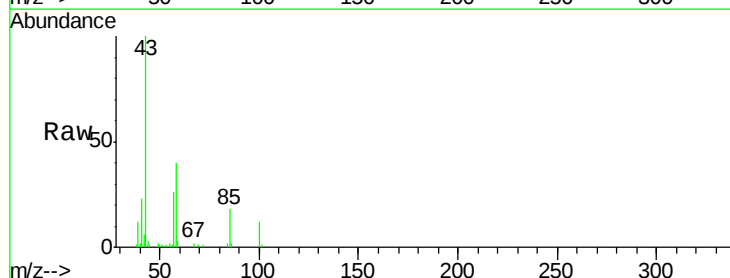
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



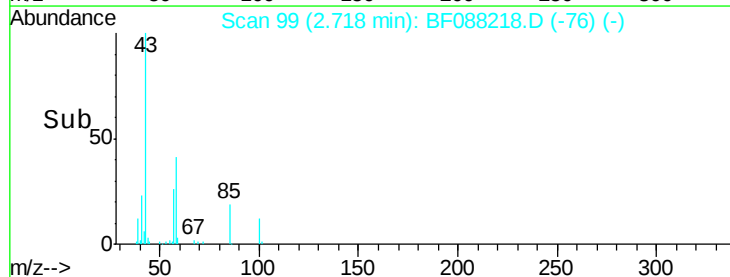
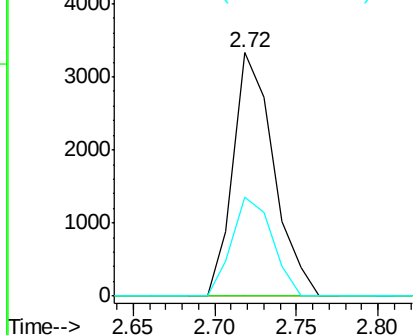
#4

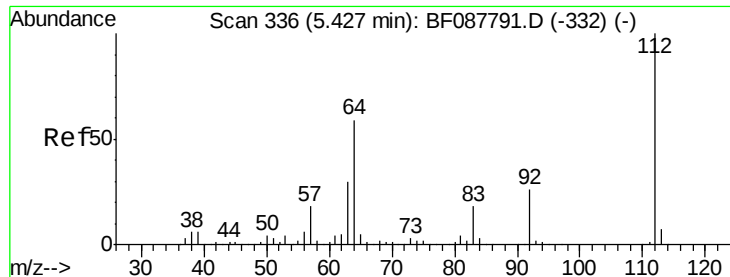
n-Nitrosodimethylamine
Concen: 2.41 ng
RT: 2.72 min Scan# 99
Delta R.T. -0.03 min
Lab File: BF088218.D
Acq: 21 Jun 2016 17:49

Tgt Ion: 42 Resp: 5719
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 40.7 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.46 ng

RT: 5.24 min Scan# 320

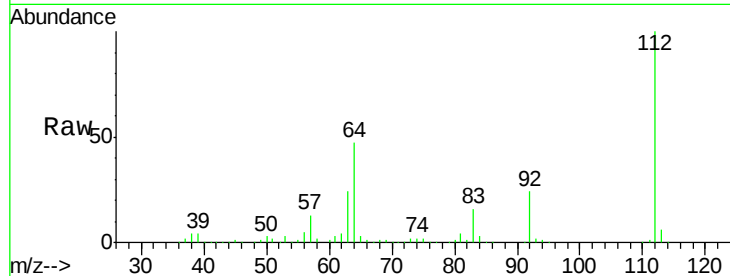
Delta R.T. -0.01 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :
BNA_F
ClientSampleId :

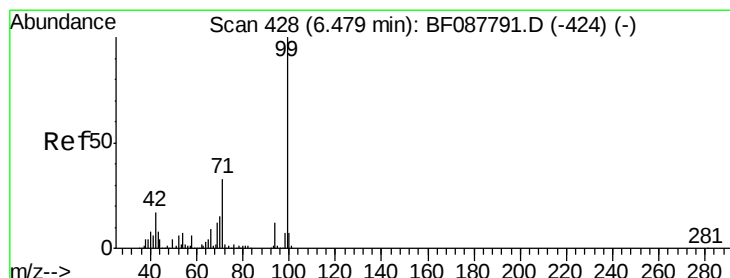
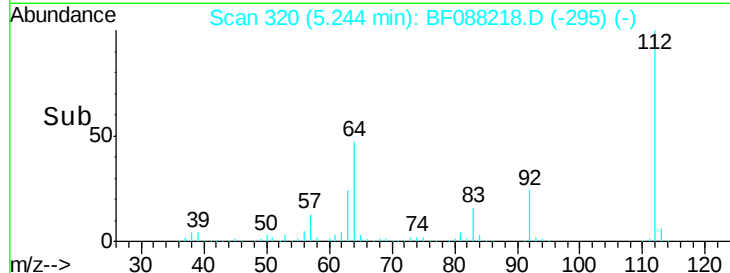
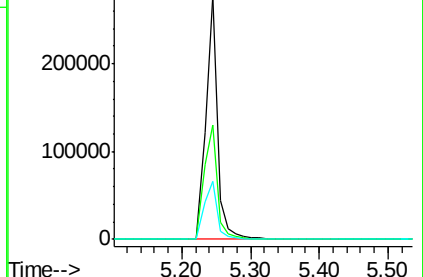
Tot Ion:	112	Resp:	324329
Ion	Ratio	Lower	Upper
112	100		
64	47.0	42.2	63.2
63	24.0	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 42.83 ng

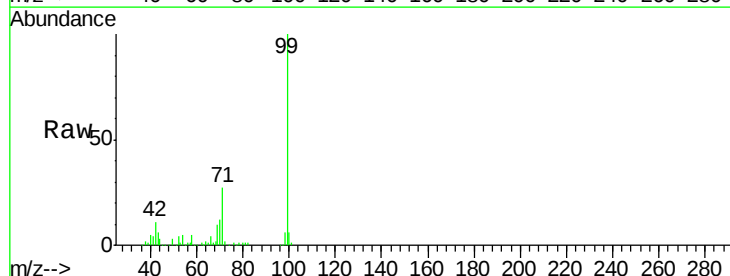
RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

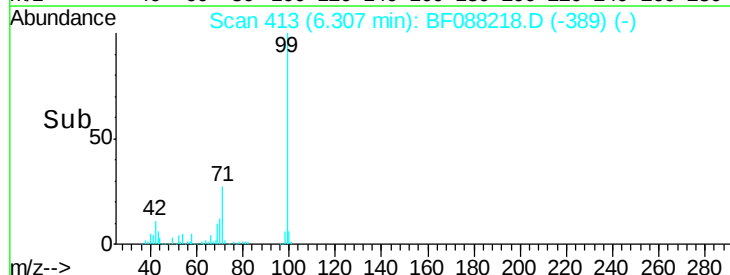
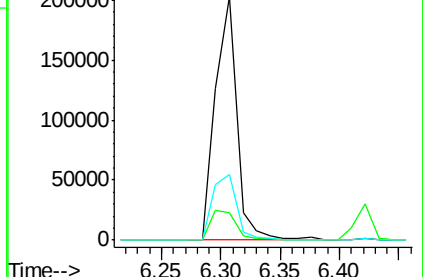
Tgt Ion:	99	Resp:	253298
Ion	Ratio	Lower	Upper
99	100		
42	11.2	12.2	18.2#
71	27.1	23.4	35.0

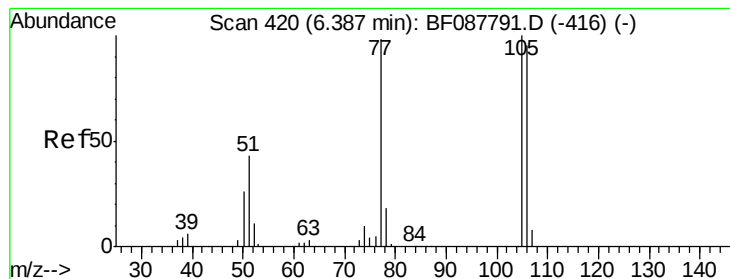


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.66 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.21 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :

BNA_F

ClientSampleID :

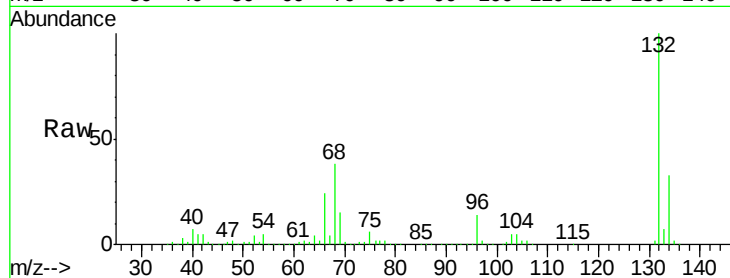
Tot Ion: 77 Resp: 10971

Ion Ratio Lower Upper

77 100

105 85.8 90.6 130.6#

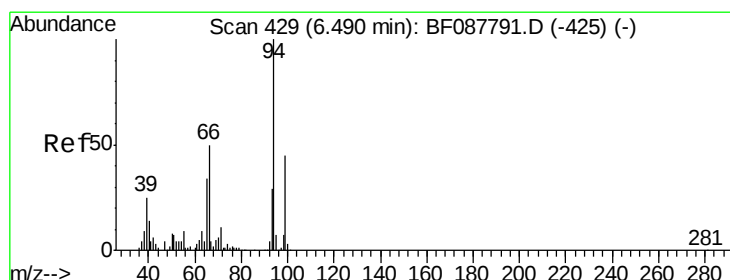
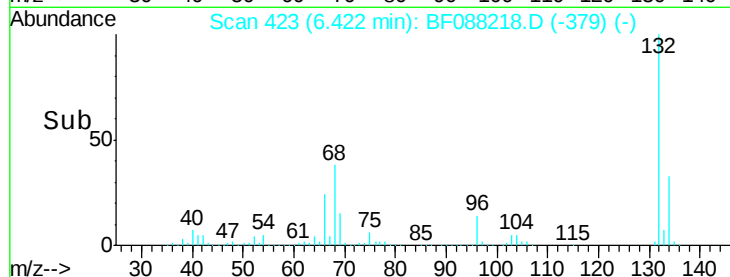
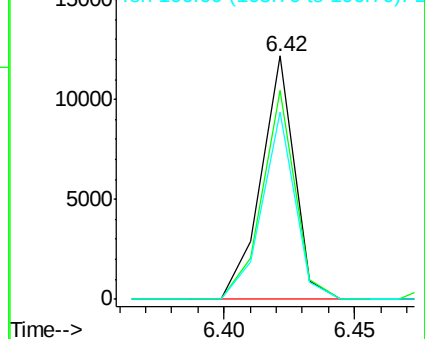
106 77.0 85.3 125.3#



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: Below Cal

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

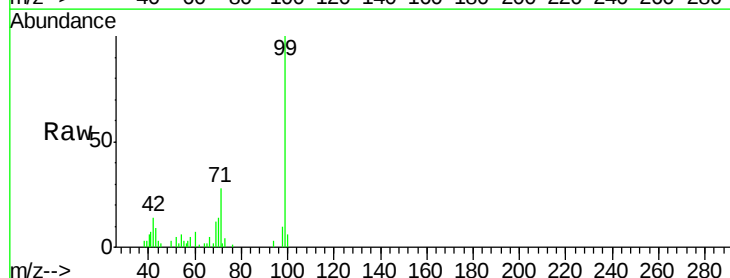
Tgt Ion: 94 Resp: 630

Ion Ratio Lower Upper

94 100

65 57.2 5.9 45.9#

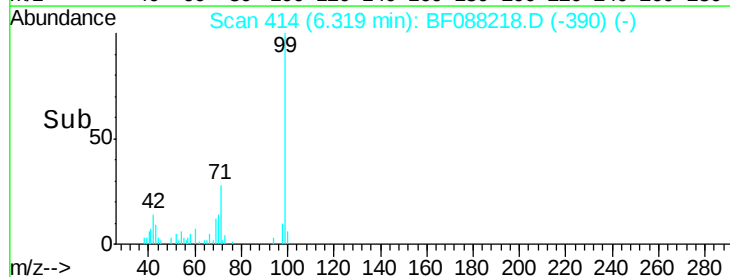
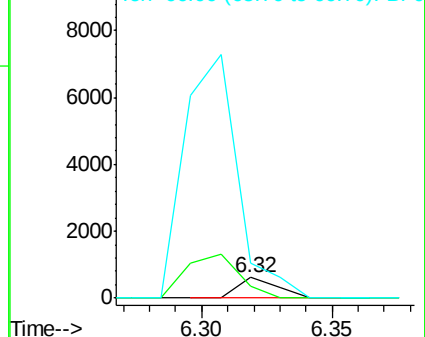
66 171.1 14.0 54.0#

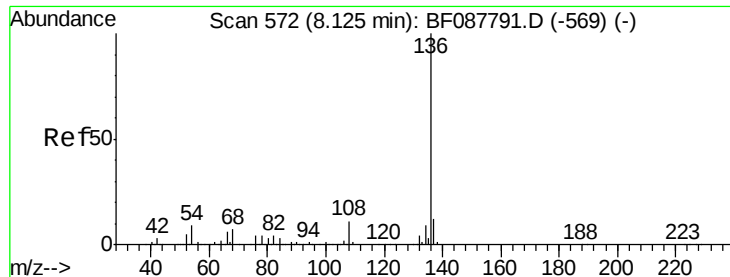


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 312743

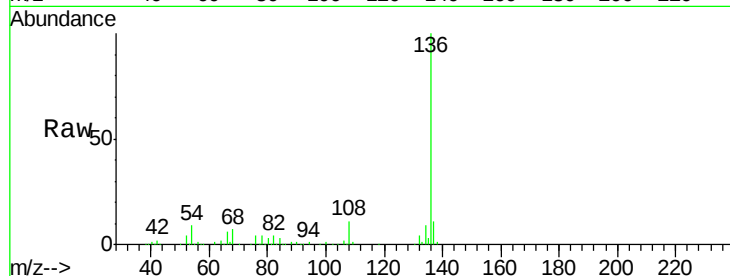
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 6.6 10.0

68 7.2 5.1 7.7

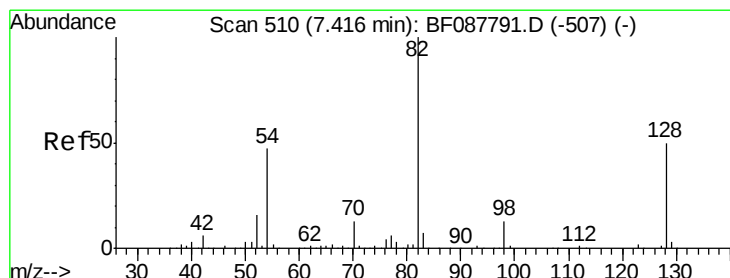
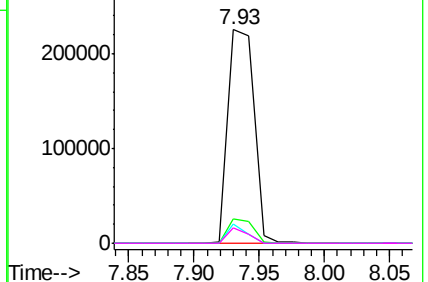
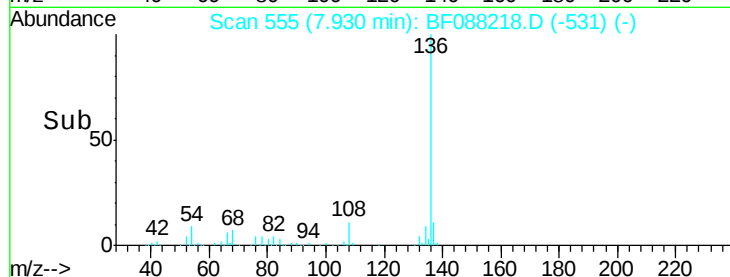


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 82.87 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

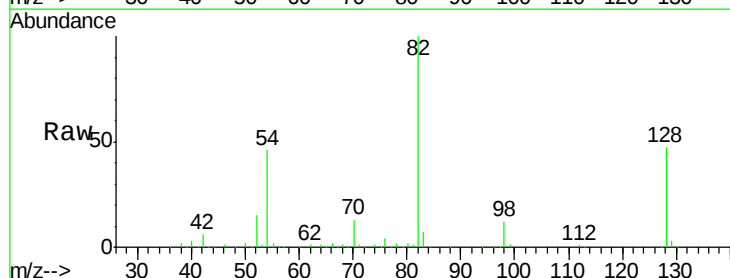
Tgt Ion: 82 Resp: 443850

Ion Ratio Lower Upper

82 100

128 47.1 35.9 53.9

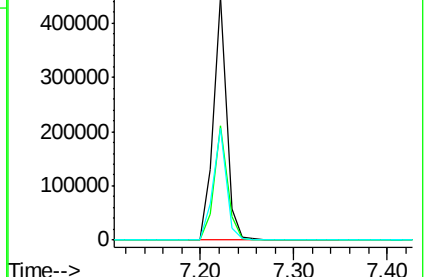
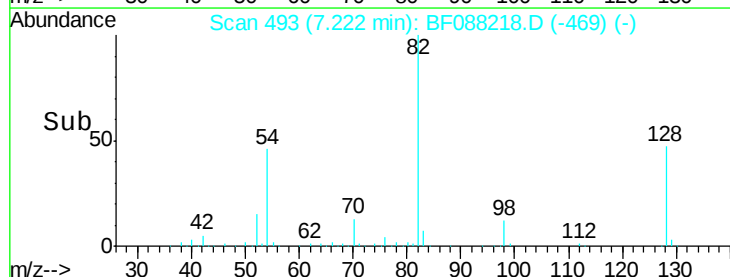
54 46.1 40.9 61.3

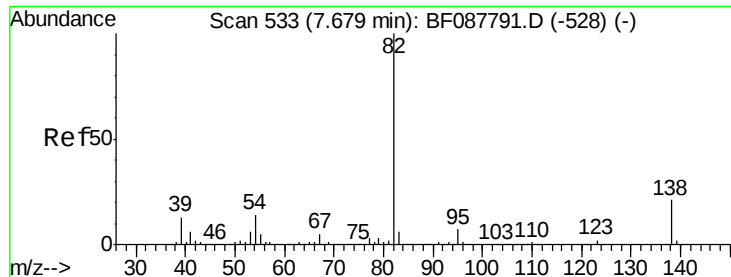


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.77 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.29 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :

BNA_F

ClientSampled :

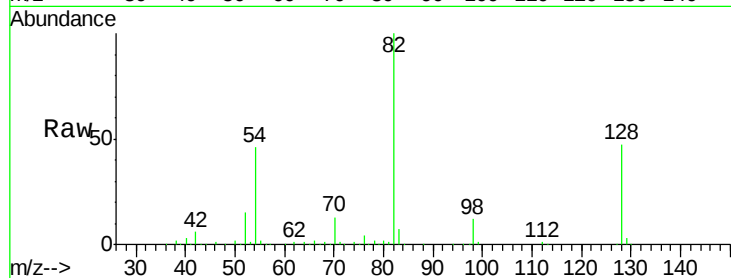
Tot Ion: 82 Resp: 354839

Ion Ratio Lower Upper

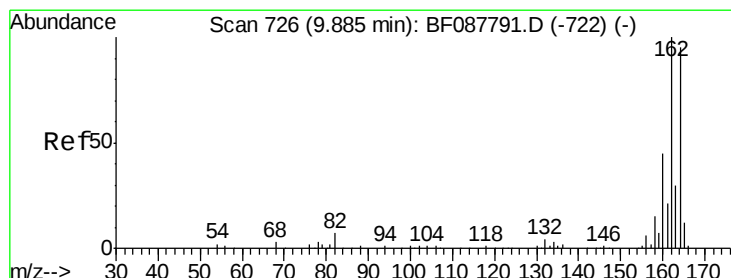
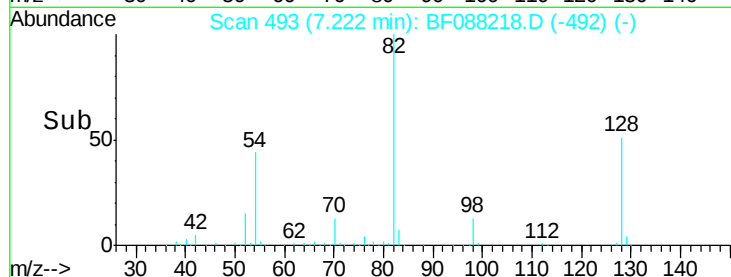
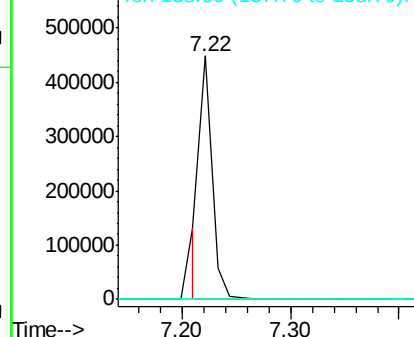
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

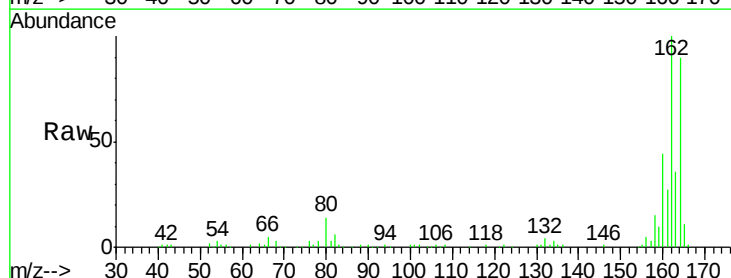
Tgt Ion: 164 Resp: 146467

Ion Ratio Lower Upper

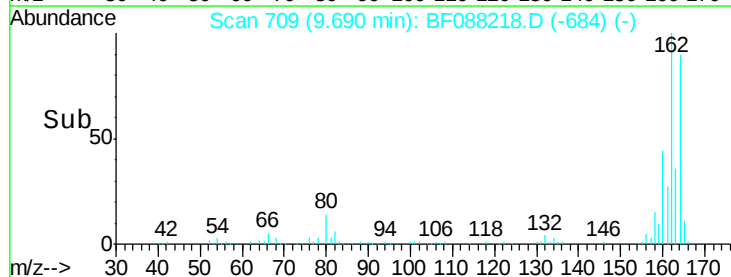
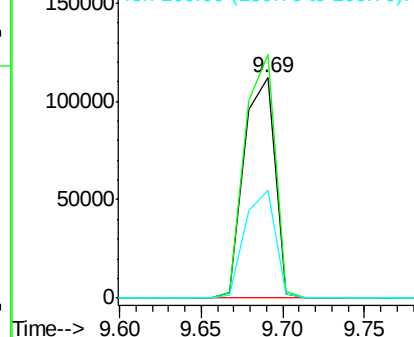
164 100

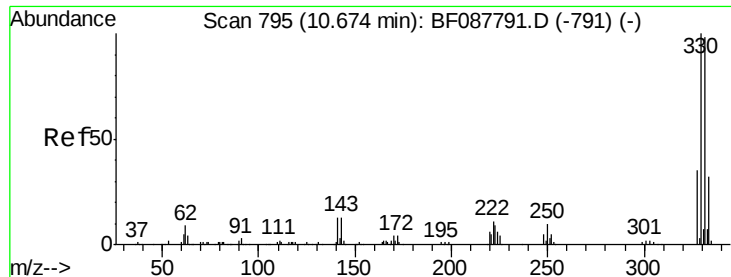
162 110.6 85.4 128.2

160 49.2 39.5 59.3



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

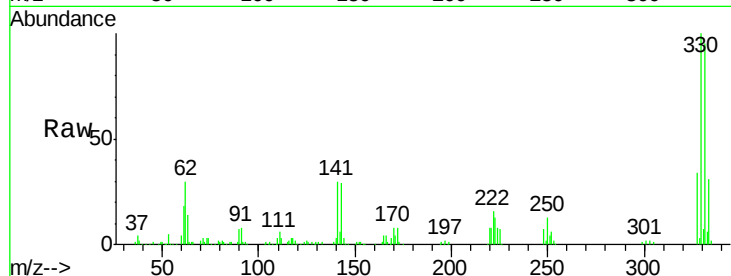




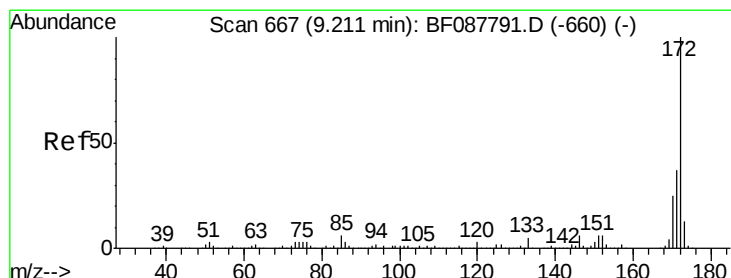
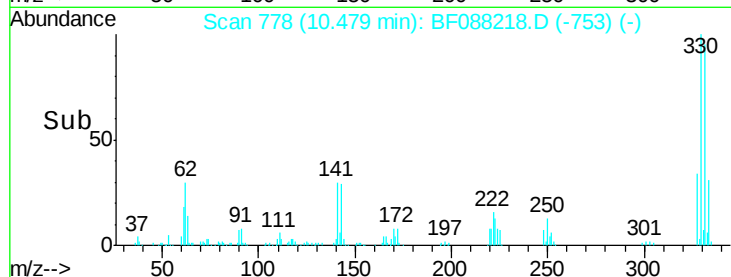
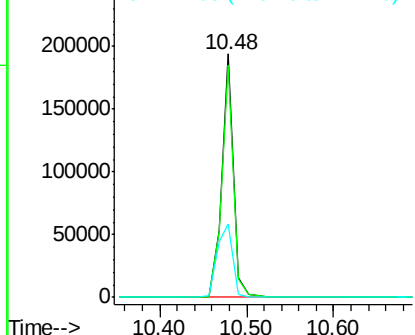
#41
 2,4,6-Tribromophenol
 Concen: 119.55 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF088218.D
 Acq: 21 Jun 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.1	0.0	0.0#

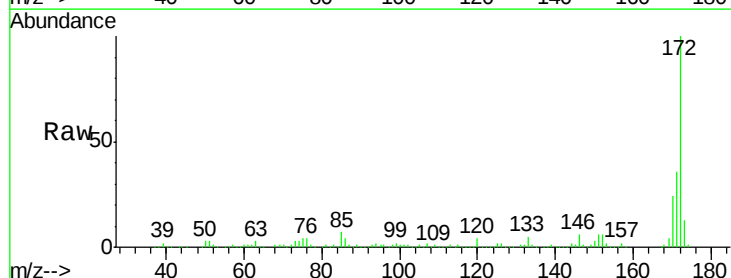


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

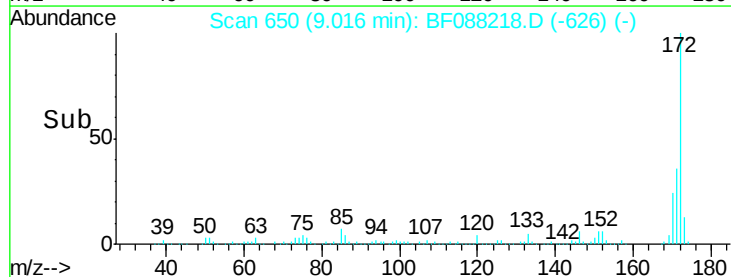
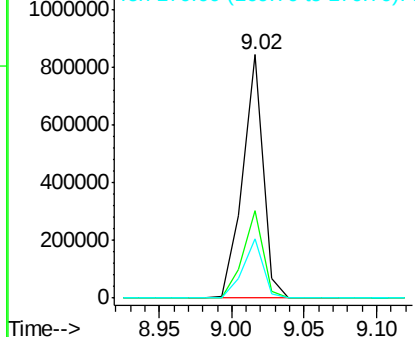


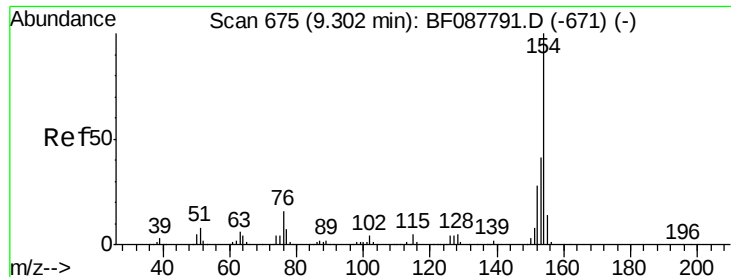
#44
 2-Fluorobiphenyl
 Concen: 88.77 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.02 min
 Lab File: BF088218.D
 Acq: 21 Jun 2016 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :

BNA_F

ClientSampleId :

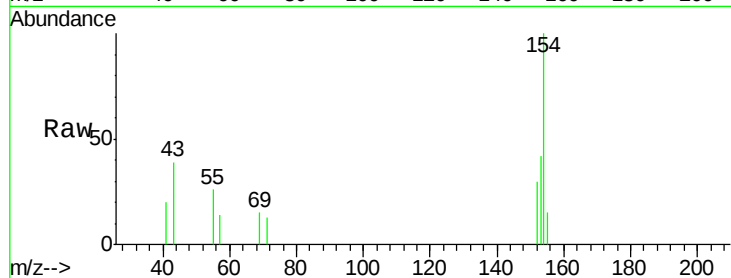
Tot Ion:154 Resp: 2037

Ion Ratio Lower Upper

154 100

153 41.7 20.6 60.6

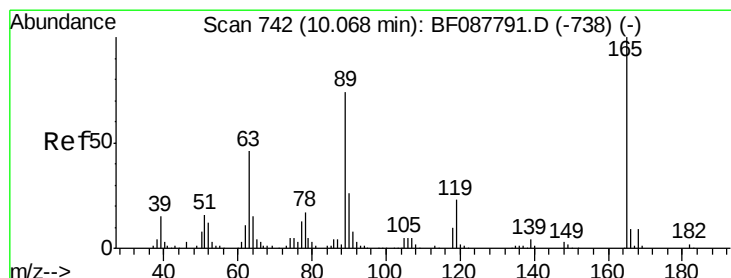
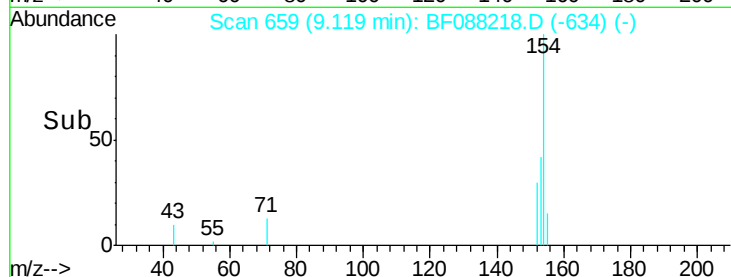
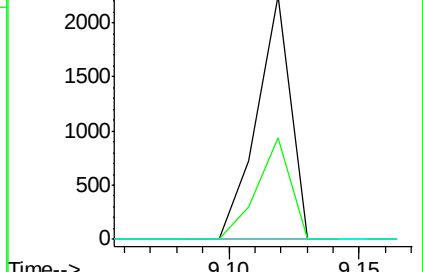
76 0.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#56

2,4-Dinitrotoluene

Concen: 5.93 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.22 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Tgt Ion:165 Resp: 18524

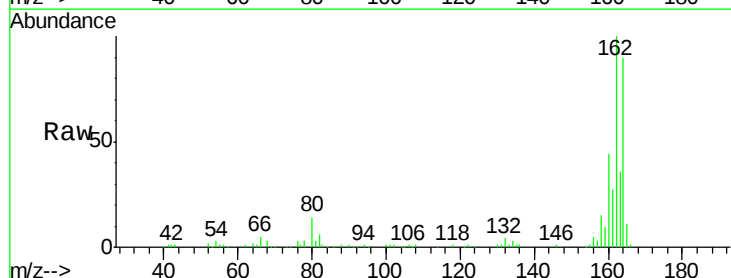
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

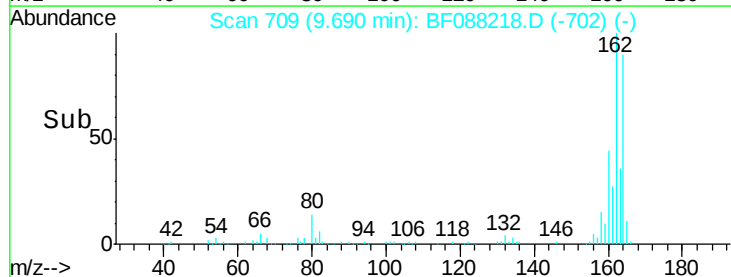
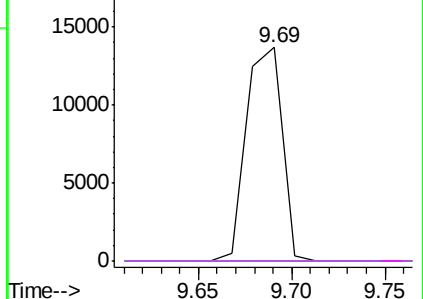


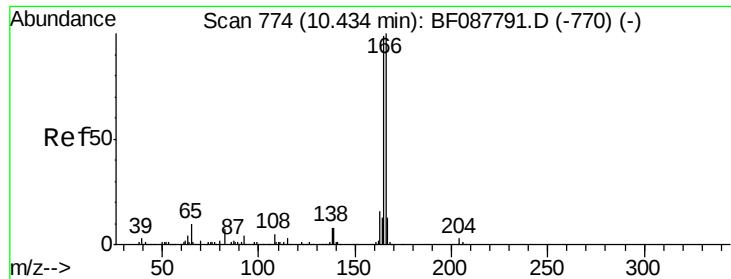
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.48 min Scan# 778

Delta R.T. 0.23 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :

BNA_F

ClientSampleId :

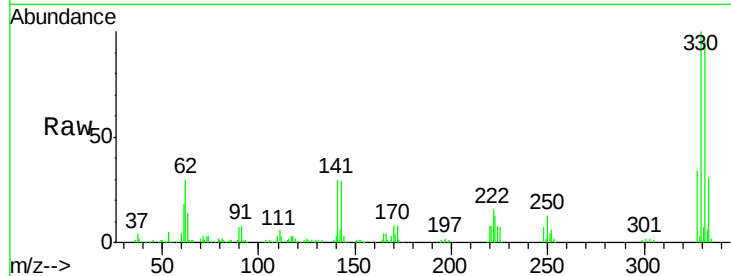
Tot Ion:166 Resp: 9445

Ion Ratio Lower Upper

166 100

165 107.8 77.8 116.8

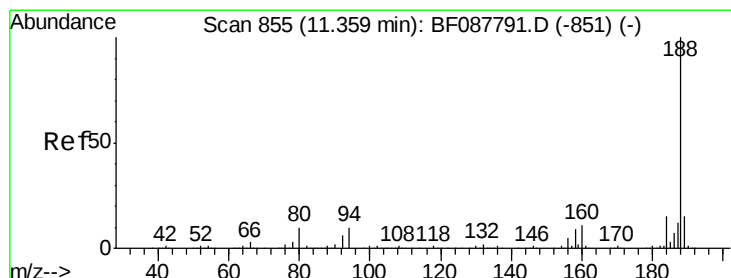
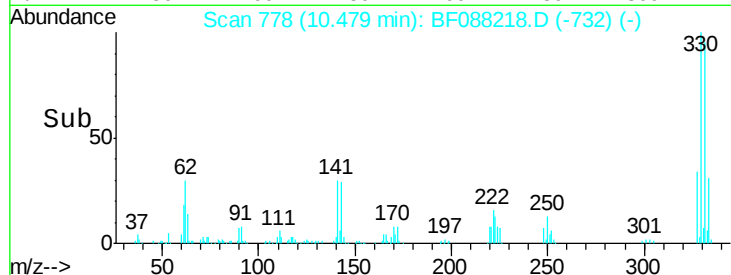
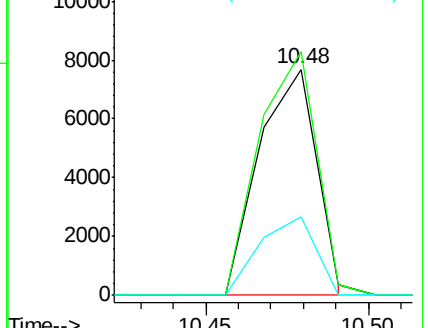
167 35.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

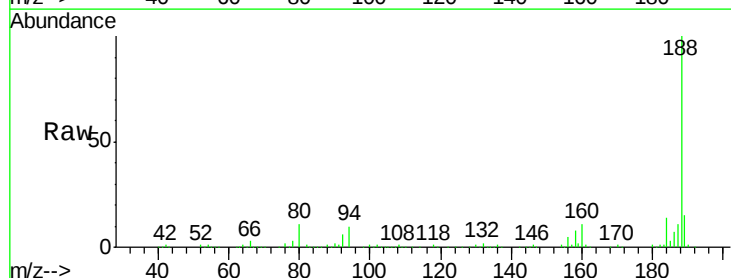
Tgt Ion:188 Resp: 278772

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.6

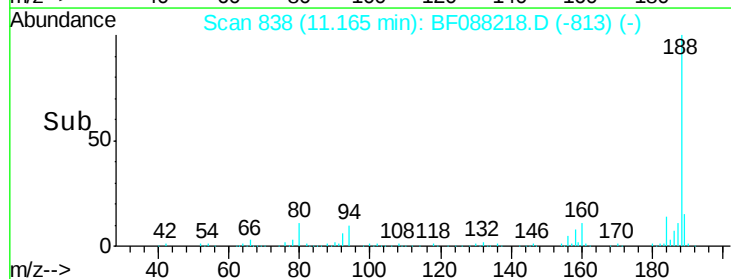
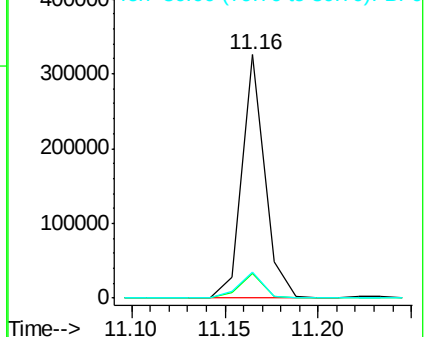
80 10.5 10.0 15.0

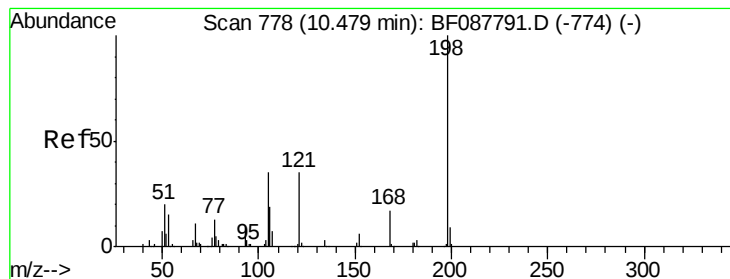


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.31 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.16 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

Instrument :

BNA_F

ClientSampled :

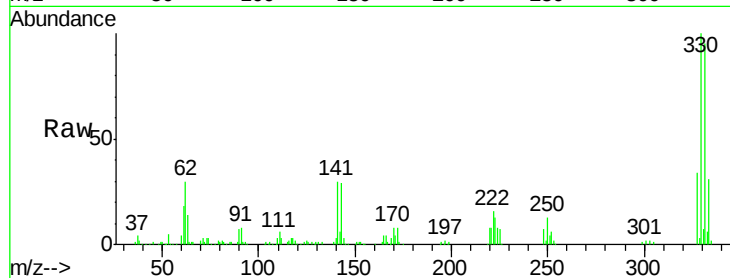
Tot Ion:198 Resp: 270

Ion Ratio Lower Upper

198 100

51 112.7 39.6 79.6#

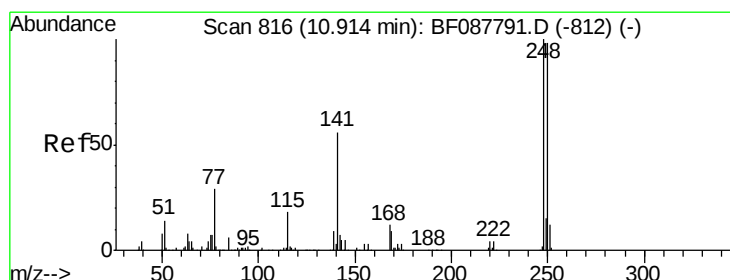
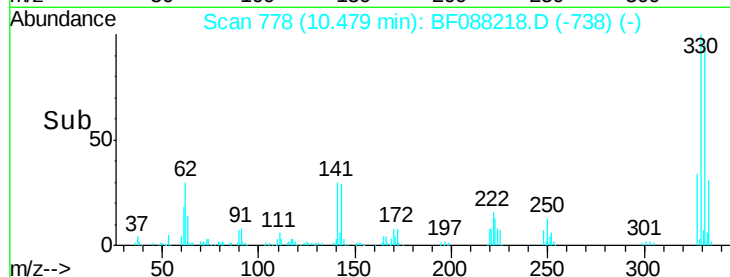
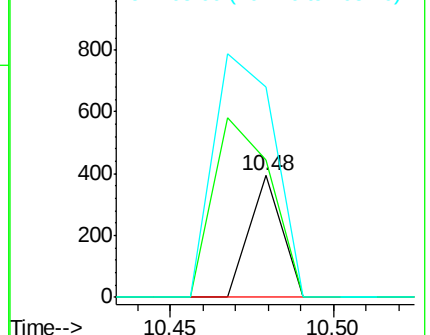
105 172.8 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.25 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.25 min

Lab File: BF088218.D

Acq: 21 Jun 2016 17:49

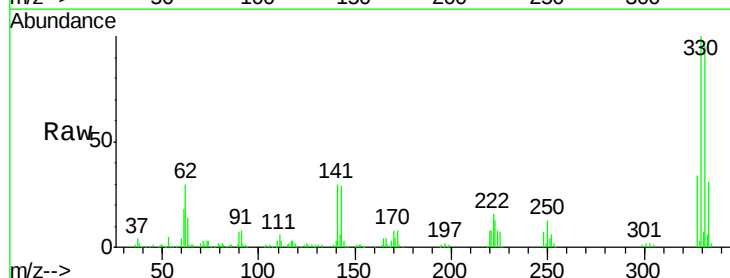
Tgt Ion:248 Resp: 12725

Ion Ratio Lower Upper

248 100

250 193.6 77.1 115.7#

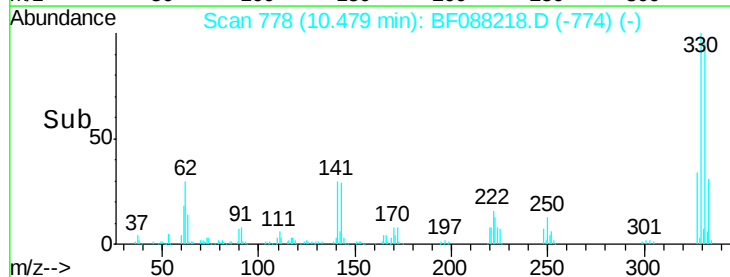
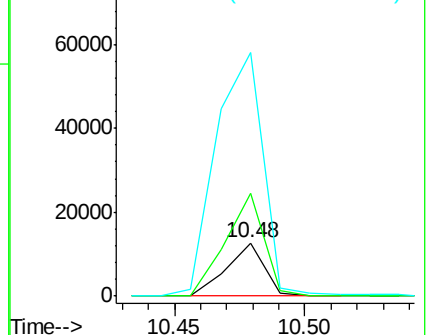
141 458.9 50.6 76.0#

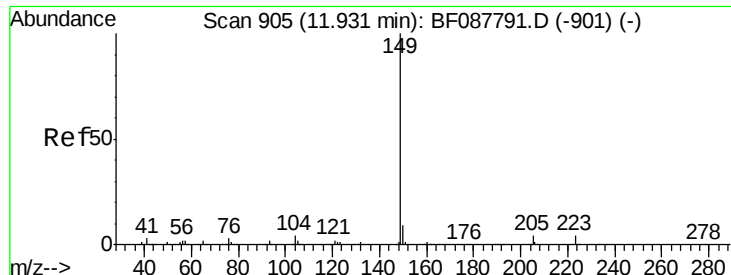


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

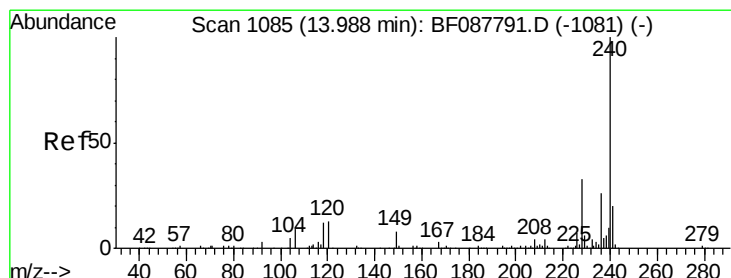
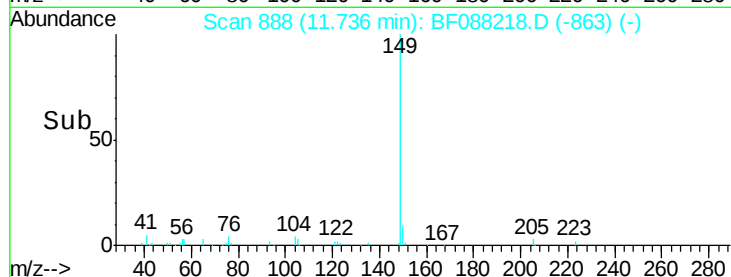
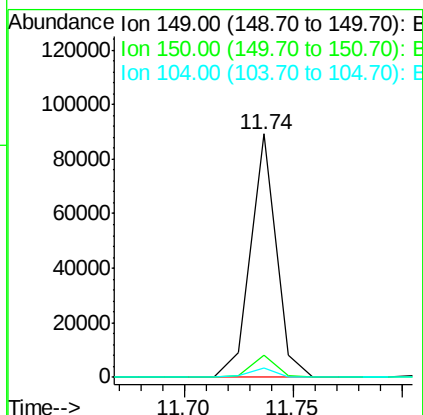
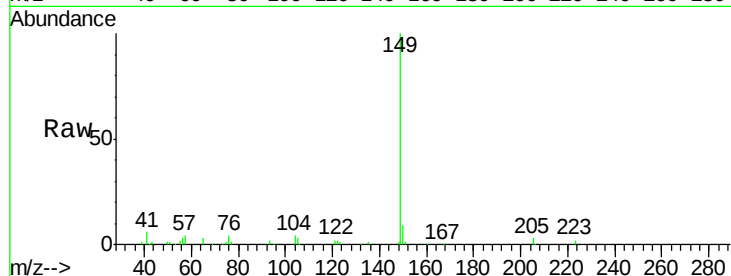




#73
Di-n-butylphthalate
Concen: 4.18 ng
RT: 11.74 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF088218.D
Acq: 21 Jun 2016 17:49

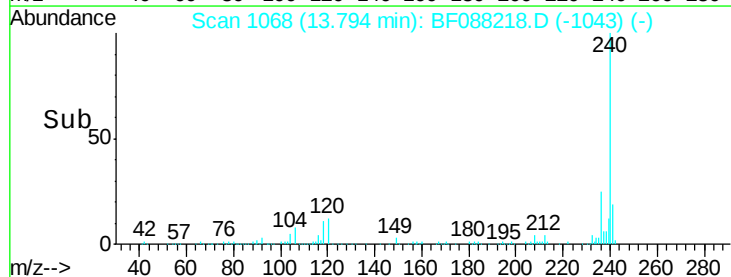
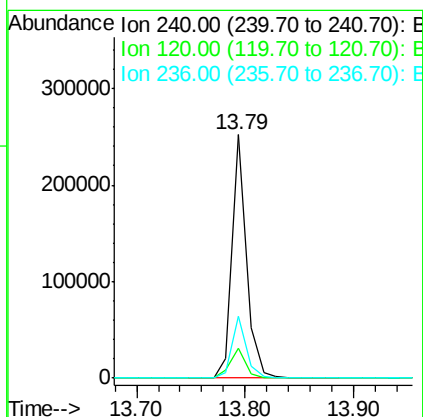
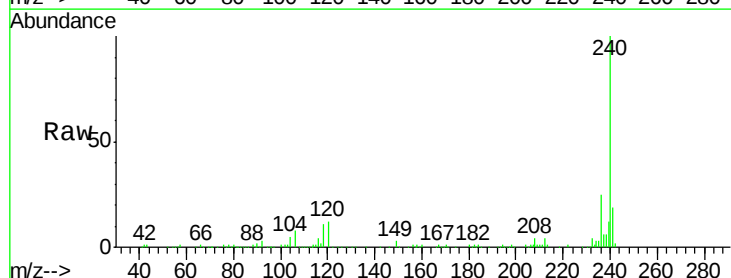
Instrument :
BNA_F
ClientSampled :

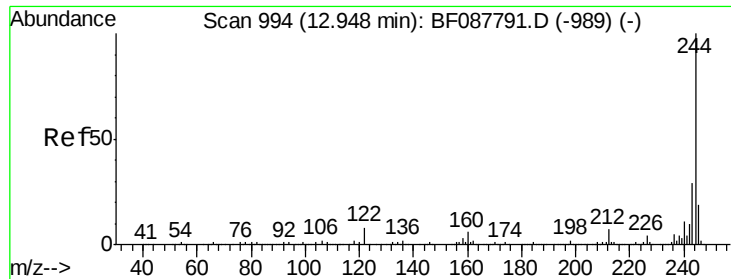
Tot Ion:149 Resp: 73142
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.0 4.0 6.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088218.D
Acq: 21 Jun 2016 17:49

Tgt Ion:240 Resp: 228734
Ion Ratio Lower Upper
240 100
120 12.0 6.8 10.2#
236 25.3 20.2 30.2

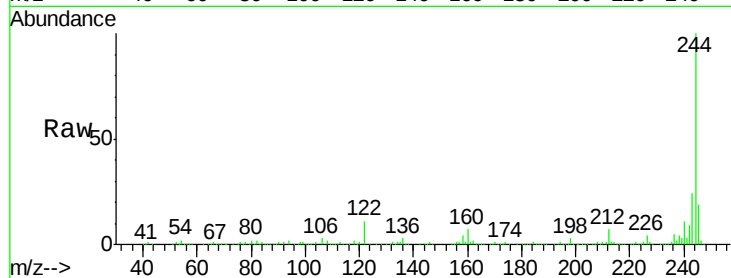




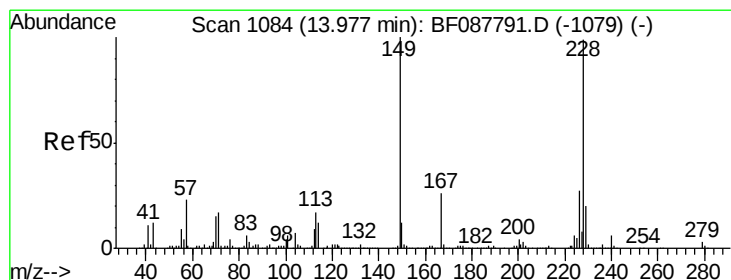
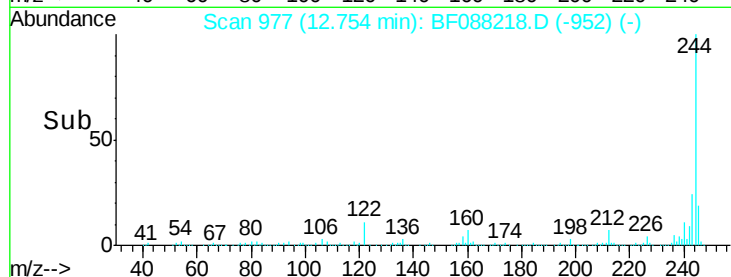
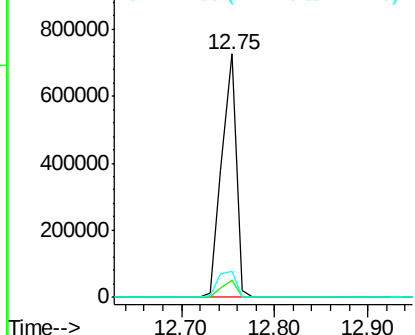
#78
 Terphenyl-d14
 Concen: 77.78 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088218.D
 Acq: 21 Jun 2016 17:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 781816
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.7 11.2 16.8#

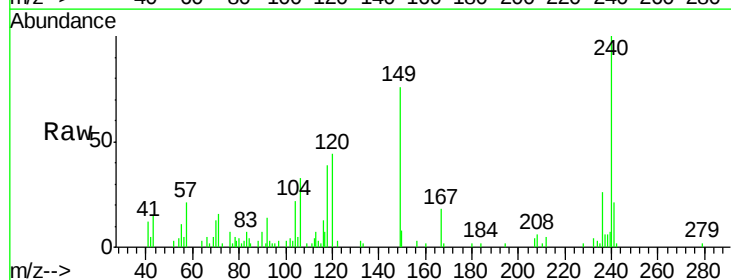


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

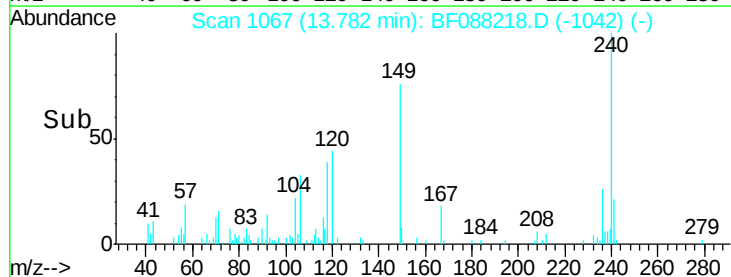
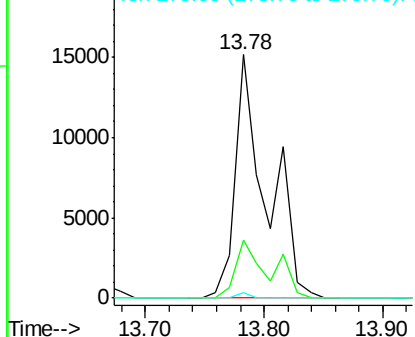


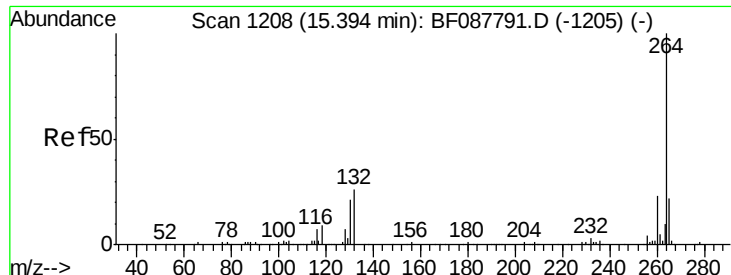
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.07 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF088218.D
 Acq: 21 Jun 2016 17:49

Tgt Ion:149 Resp: 28081
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.5 30.7
 279 2.5 2.0 3.0



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

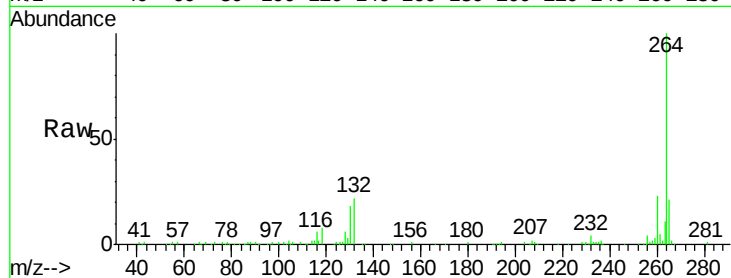




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF088218.D
Acq: 21 Jun 2016 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	16.9	25.3



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

