

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088219.D
 Acq On : 21 Jun 2016 18:18
 Operator : UM/SJ
 Sample : H3697-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 18:50:54 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

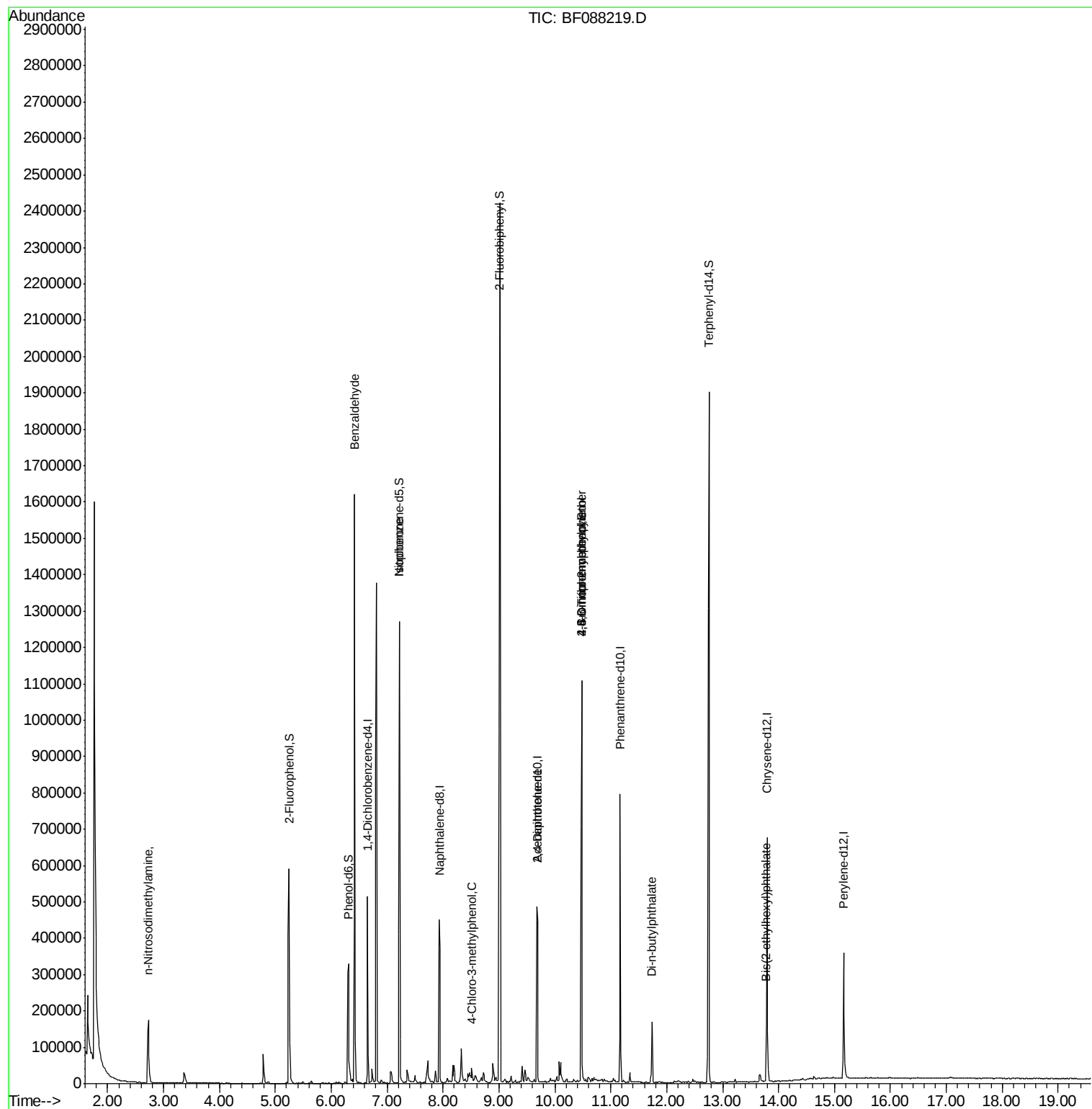
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	78668	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	301273	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	141273	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	275032	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	220459	20.00	ng	-0.01
86) Perylene-d12	15.17	264	157485	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	256974	55.84	ng	-0.01
7) Phenol-d6	6.31	99	195484	35.05	ng	-0.02
23) Nitrobenzene-d5	7.22	82	440553	85.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	166253	111.45	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	810563	90.49	ng	-0.02
78) Terphenyl-d14	12.75	244	754835	77.91	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.73	42	7143	3.19	ng	# 1
9) Benzaldehyde	6.42	77	9702	2.54	ng	# 75
10) Phenol	6.32	94	3202	Below Cal		# 63
25) Isophorone	7.22	82	341388	35.72	ng	# 65
36) 4-Chloro-3-methylphenol	8.51	107	9377	2.13	ng	94
45) 1,1'-Biphenyl	9.12	154	2633	Below Cal		90
56) 2,4-Dinitrotoluene	9.68	165	17849	5.93	ng	# 36
64) 4,6-Dinitro-2-methylphenol	10.48	198	244	2.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	11270	3.82	ng	# 1
73) Di-n-butylphthalate	11.74	149	86056	4.99	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	31011	3.52	ng	99

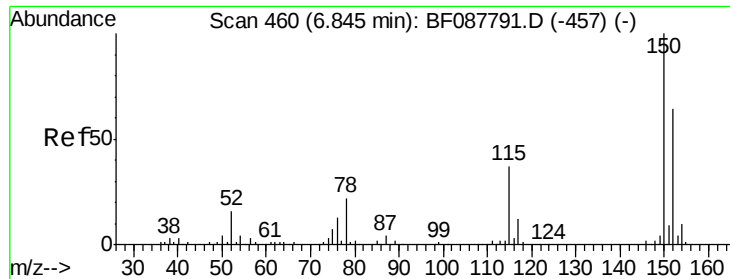
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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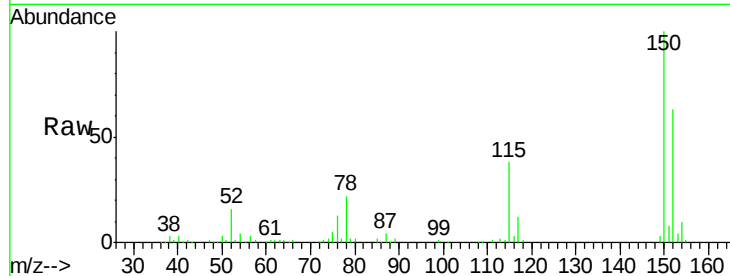


#1

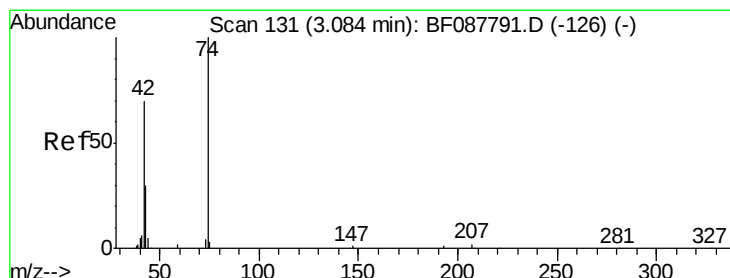
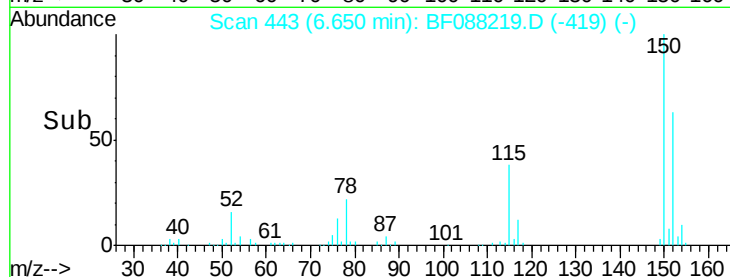
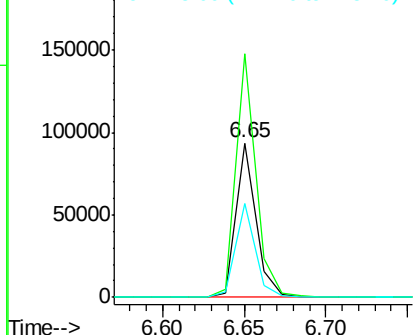
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78668
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 60.3 39.6 59.4#



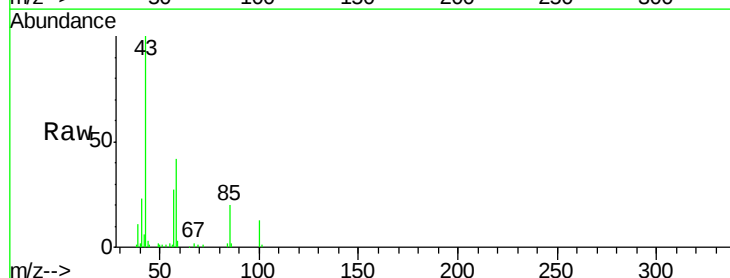
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



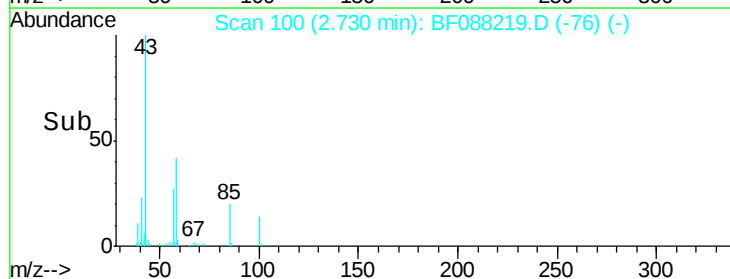
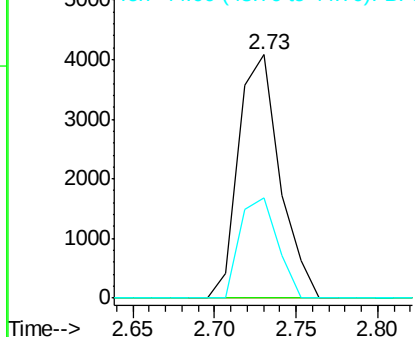
#4

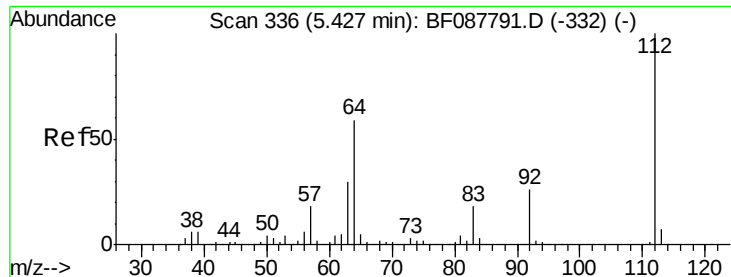
n-Nitrosodimethylamine
Concen: 3.19 ng
RT: 2.73 min Scan# 100
Delta R.T. -0.02 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Tgt Ion: 42 Resp: 7143
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 41.1 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: 55.84 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

Instrument :

BNA_F

ClientSampled :

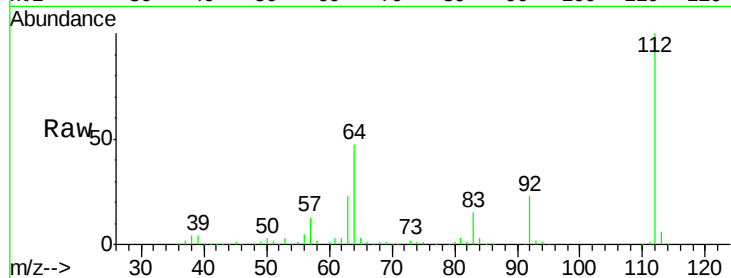
Tot Ion:112 Resp: 256974

Ion Ratio Lower Upper

112 100

64 46.7 42.2 63.2

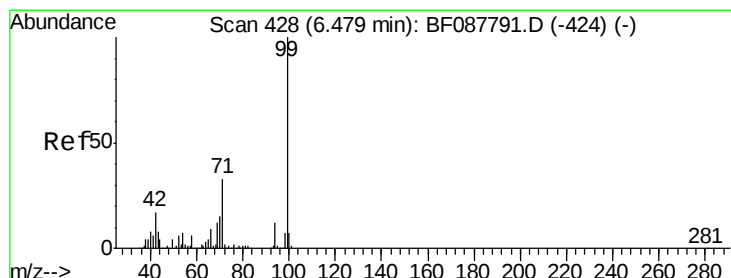
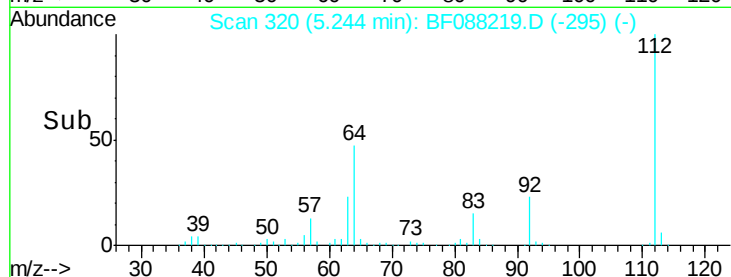
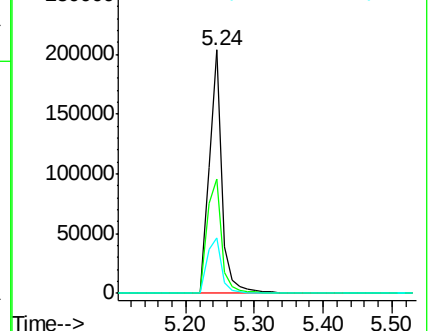
63 22.8 21.8 32.8



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: 35.05 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

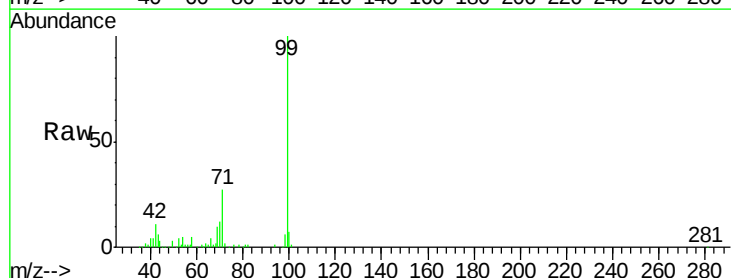
Tgt Ion: 99 Resp: 195484

Ion Ratio Lower Upper

99 100

42 11.3 12.2 18.2#

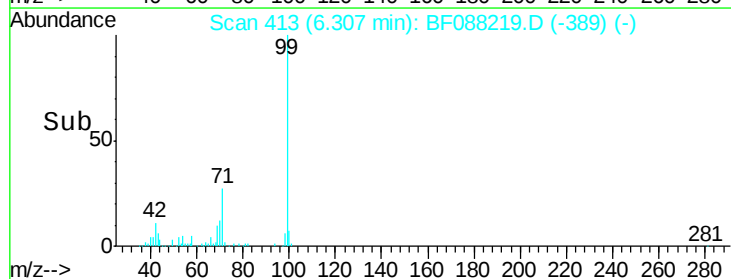
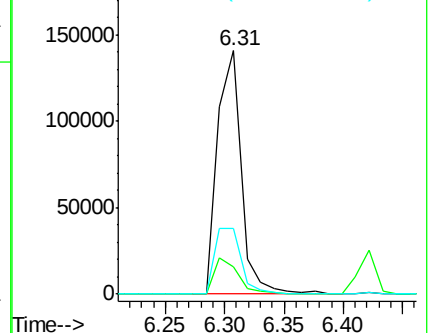
71 26.9 23.4 35.0

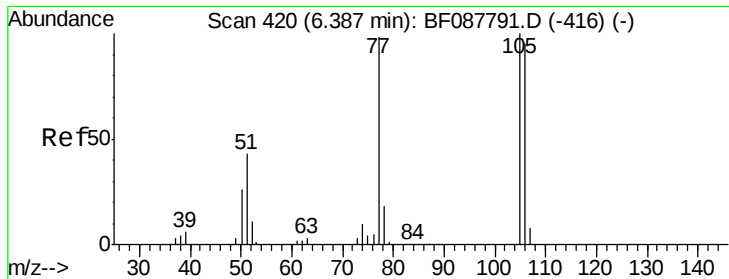


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.54 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.21 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

Instrument :

BNA_F

ClientSampled :

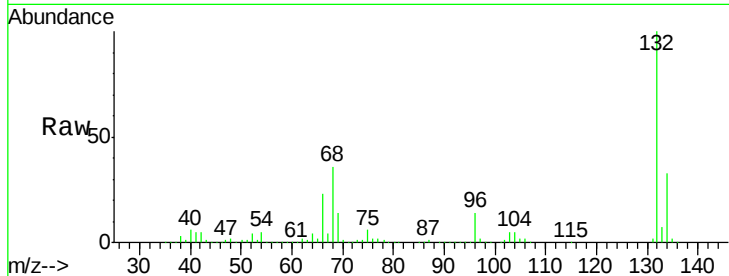
Tot Ion: 77 Resp: 9702

Ion Ratio Lower Upper

77 100

105 83.7 90.6 130.6#

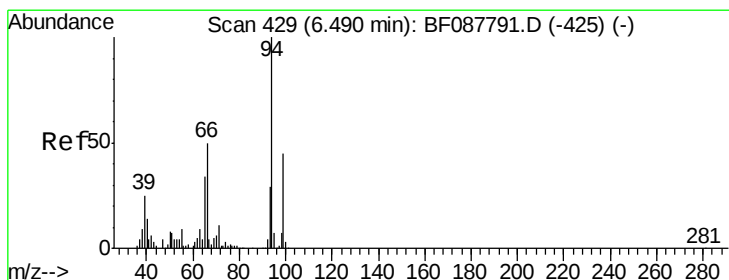
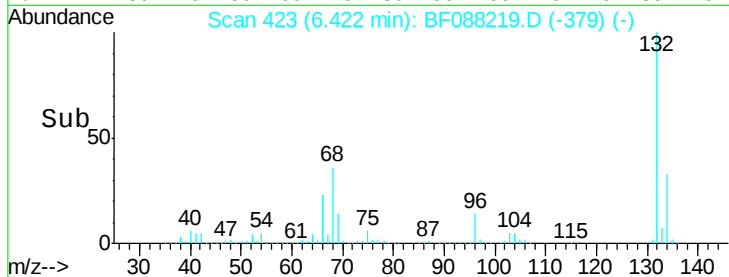
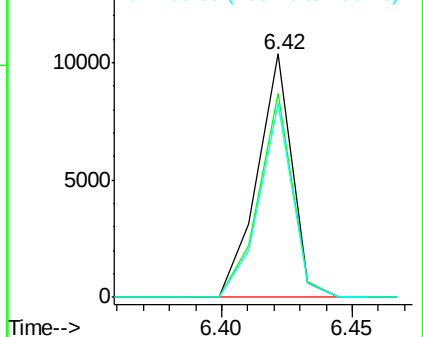
106 79.4 85.3 125.3#



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



#10

Phenol

Concen: Below Cal

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

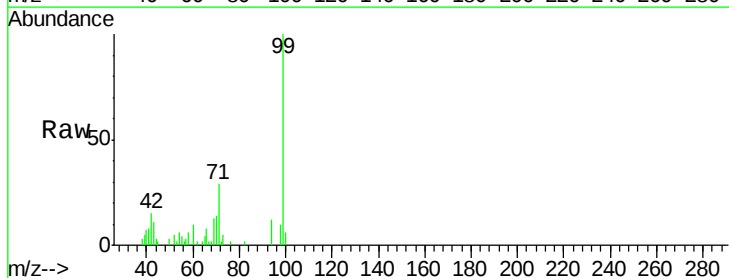
Tgt Ion: 94 Resp: 3202

Ion Ratio Lower Upper

94 100

65 33.0 5.9 45.9

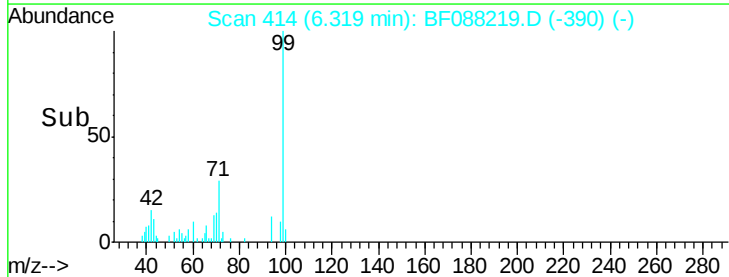
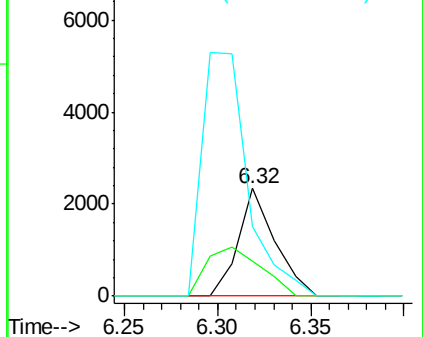
66 65.0 14.0 54.0#

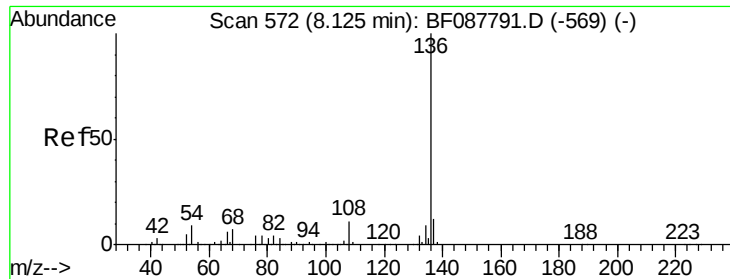


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

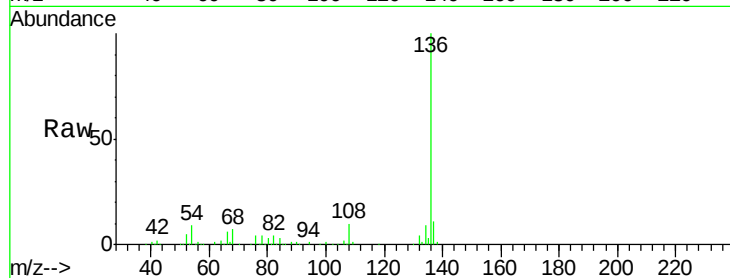




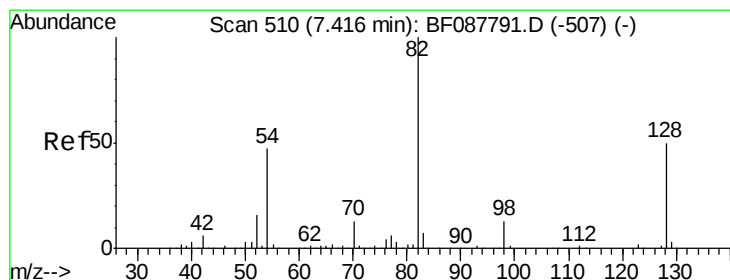
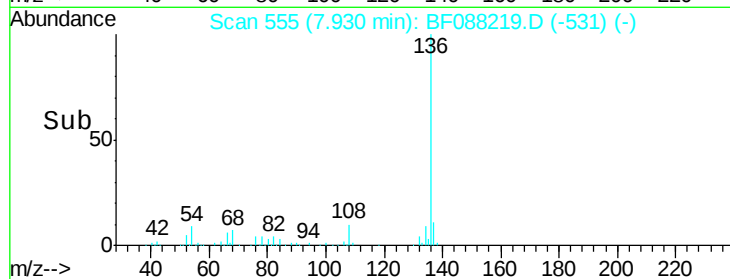
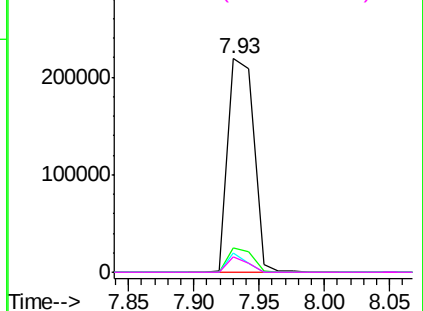
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 301273
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 9.1	6.6 10.0
68 7.4	5.1 7.7

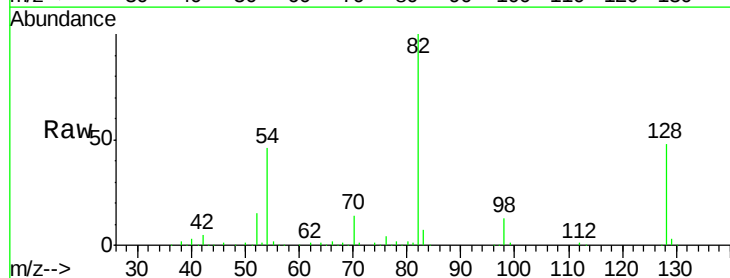


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

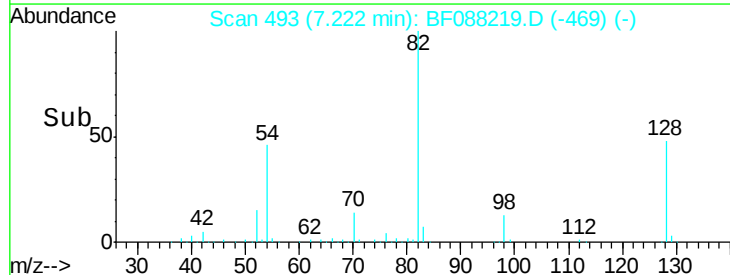
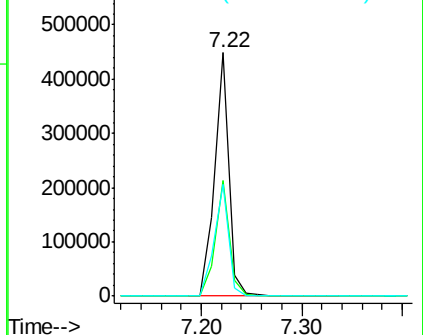


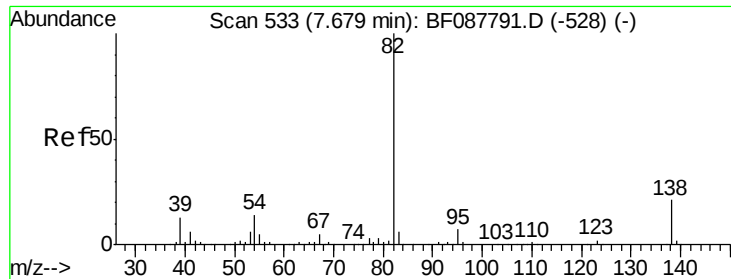
#23
Nitrobenzene-d5
Concen: 85.39 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Tgt	Ion: 82	Resp:	440553
Ion	Ratio	Lower	Upper
82	100		
128	47.6	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: 35.72 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.29 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

Instrument :

BNA_F

ClientSampleId :

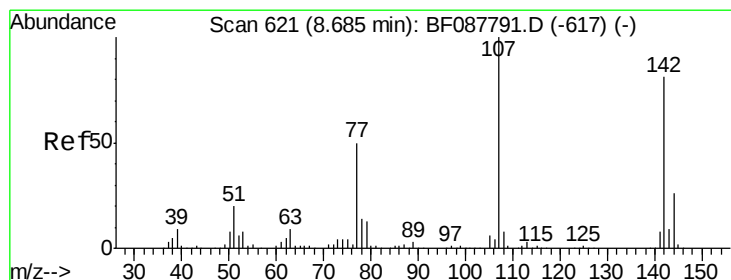
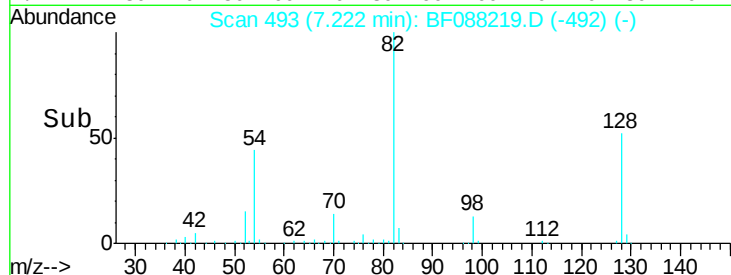
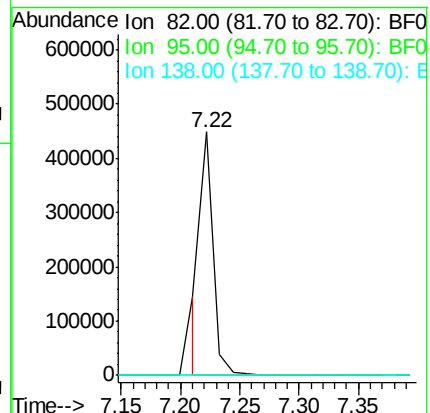
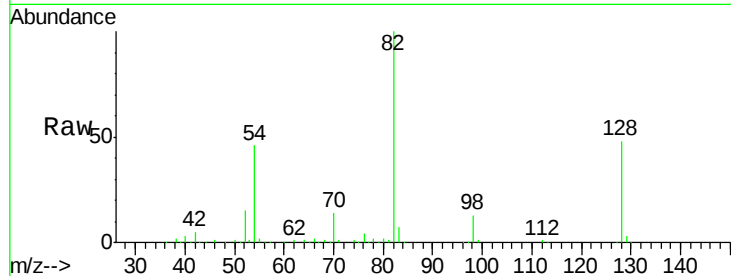
Tot Ion: 82 Resp: 341388

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#36

4-Chloro-3-methylphenol

Concen: 2.13 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

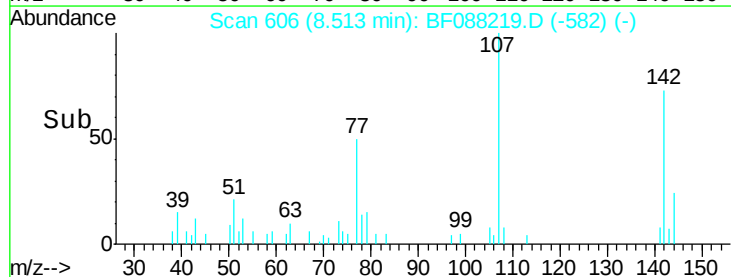
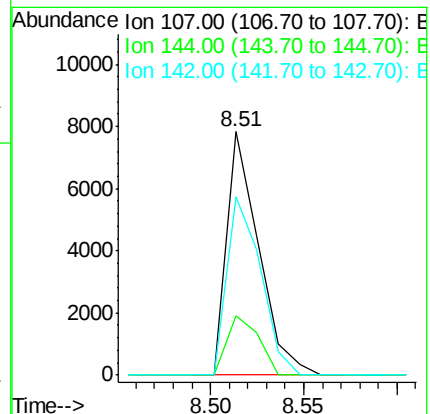
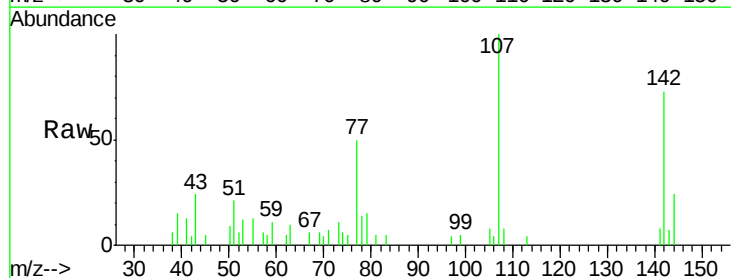
Tgt Ion: 107 Resp: 9377

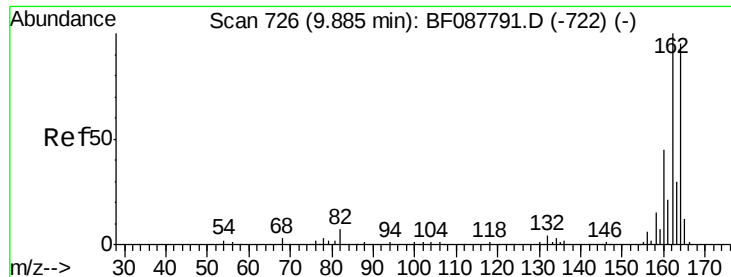
Ion Ratio Lower Upper

107 100

144 24.4 20.8 31.2

142 73.1 63.4 95.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

Instrument :

BNA_F

ClientSampled :

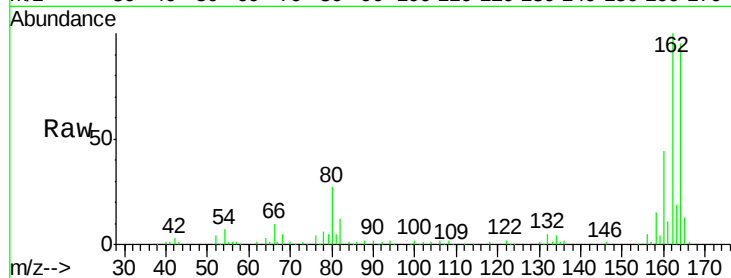
Tot Ion:164 Resp: 141273

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

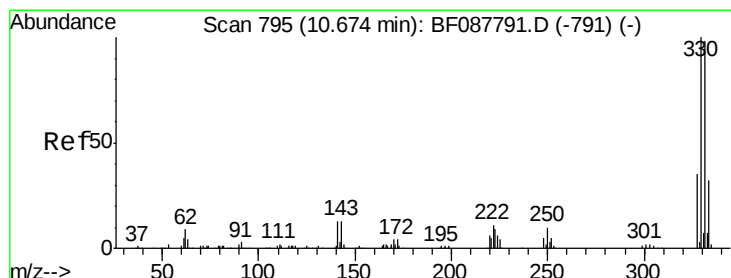
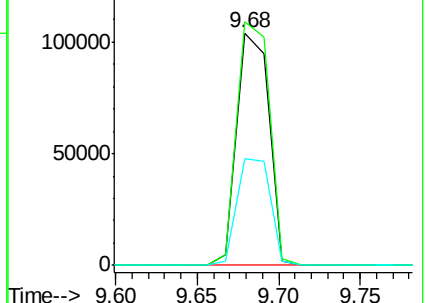
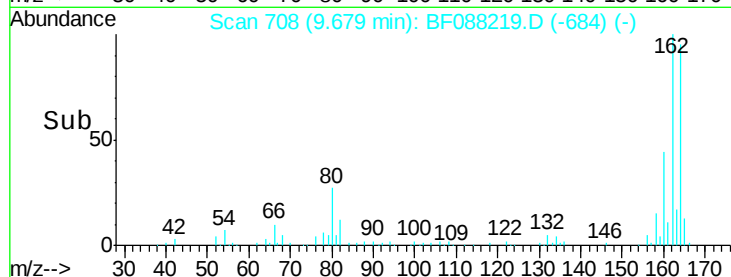
160 45.8 39.5 59.3



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: 111.45 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

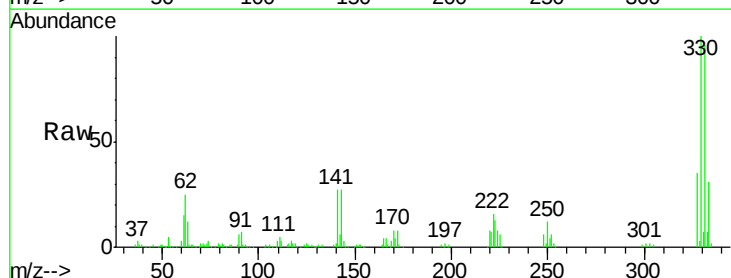
Tgt Ion:330 Resp: 166253

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

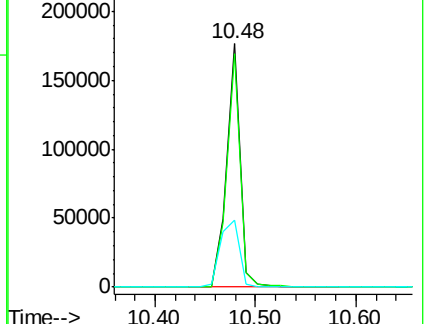
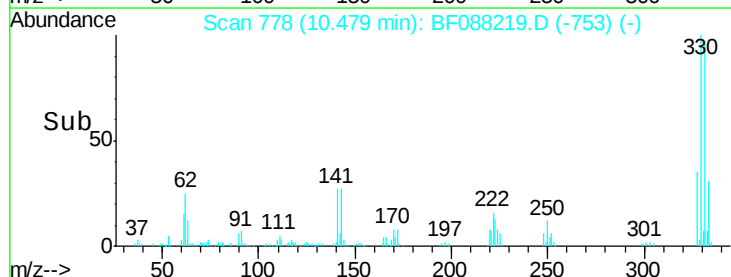
141 38.8 0.0 0.0#

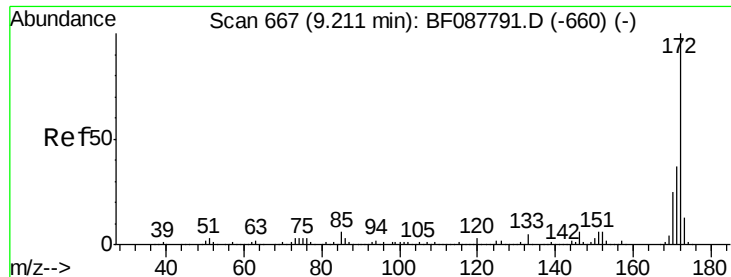


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

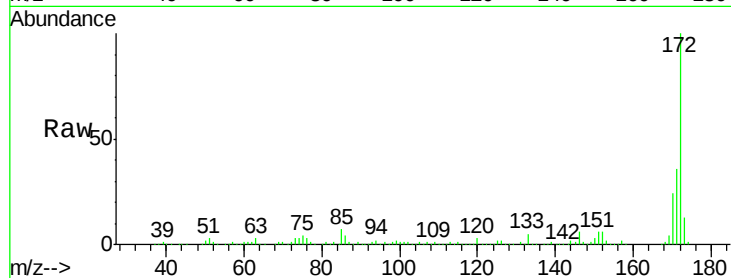




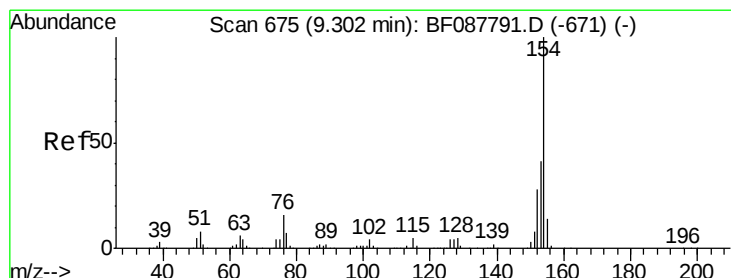
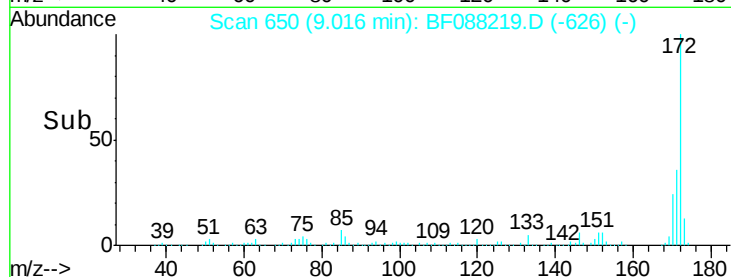
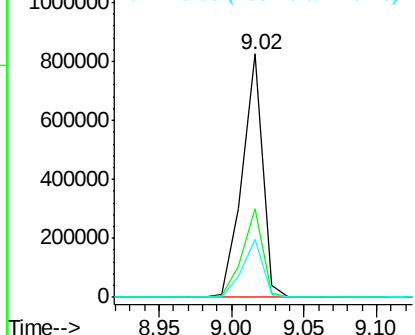
#44
2-Fluorobiphenyl
Concen: 90.49 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 810563
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.1 19.2 28.8

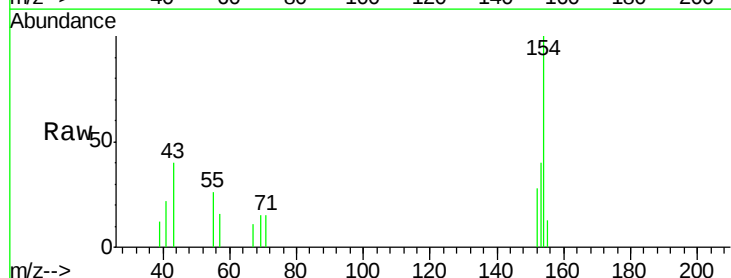


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

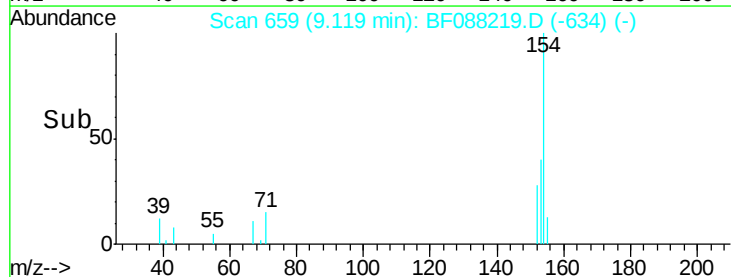
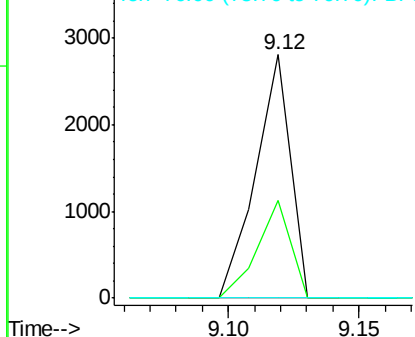


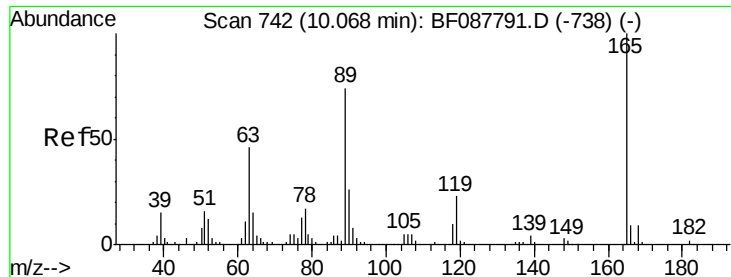
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.12 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Tgt Ion:154 Resp: 2633
Ion Ratio Lower Upper
154 100
153 40.3 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

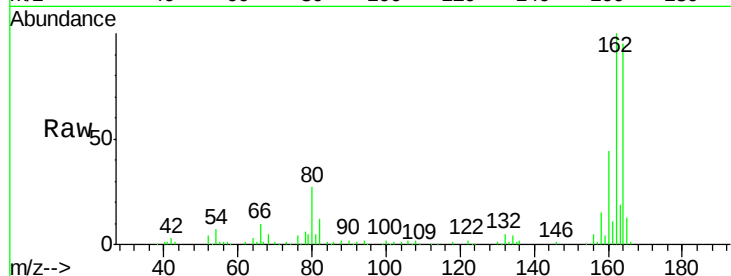




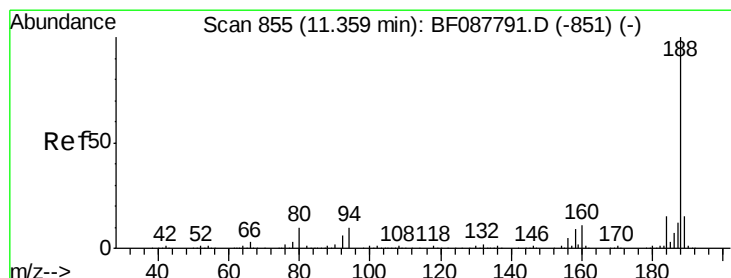
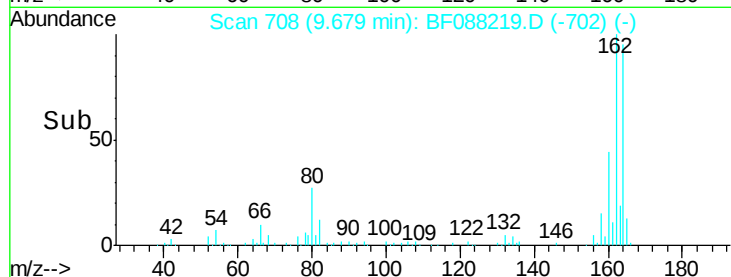
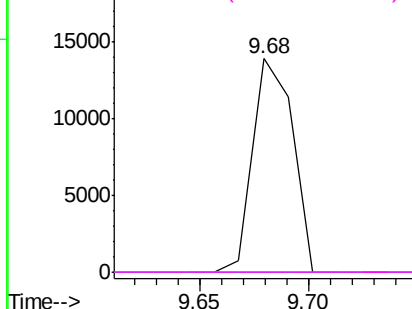
#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.23 min
 Lab File: BF088219.D
 Acq: 21 Jun 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17849
 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#

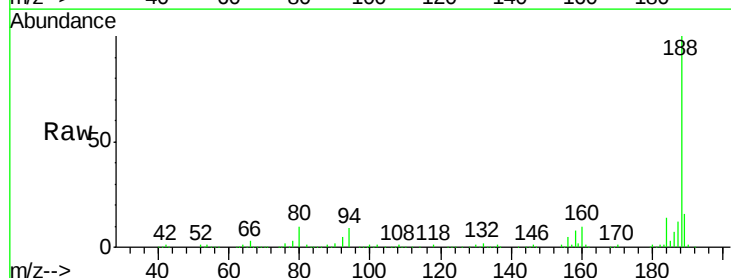


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

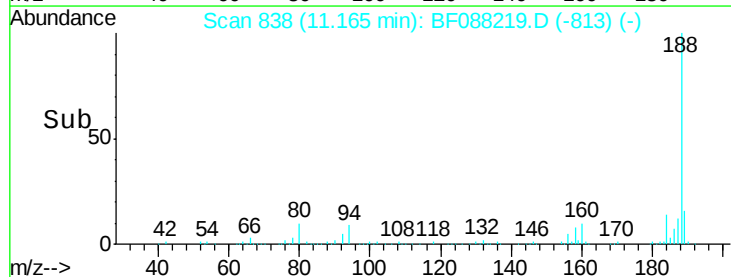
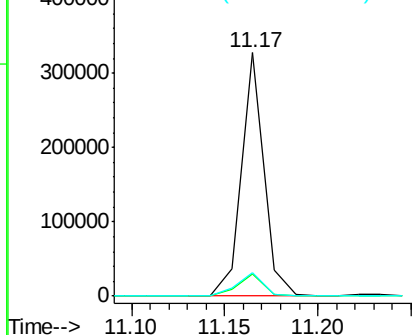


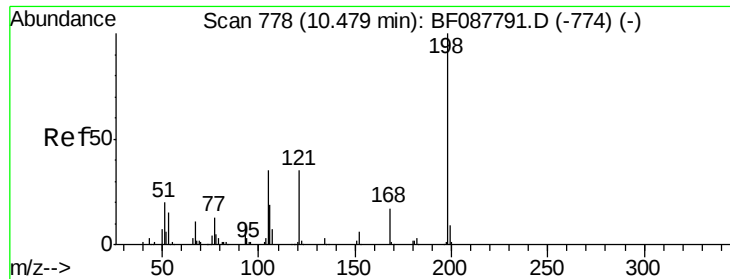
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF088219.D
 Acq: 21 Jun 2016 18:18

Tgt Ion:188 Resp: 275032
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.0 13.6#
 80 9.6 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: 2.30 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.16 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

Instrument :

BNA_F

ClientSampleId :

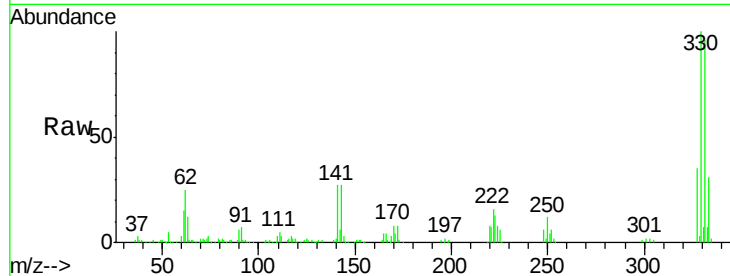
Tot Ion:198 Resp: 244

Ion Ratio Lower Upper

198 100

51 111.5 39.6 79.6#

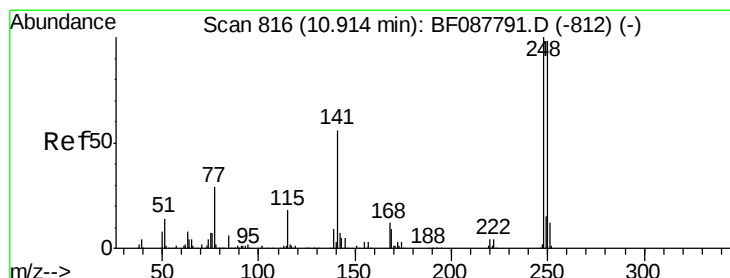
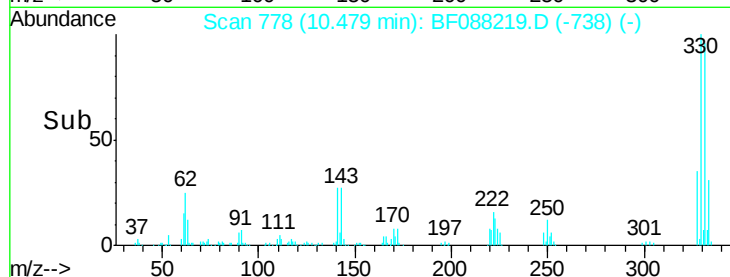
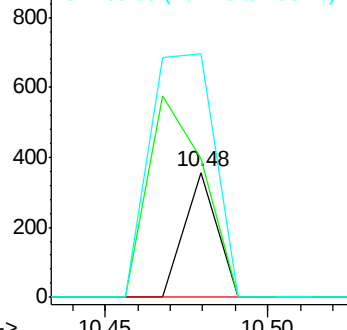
105 195.5 36.6 76.6#



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: 3.82 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.25 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

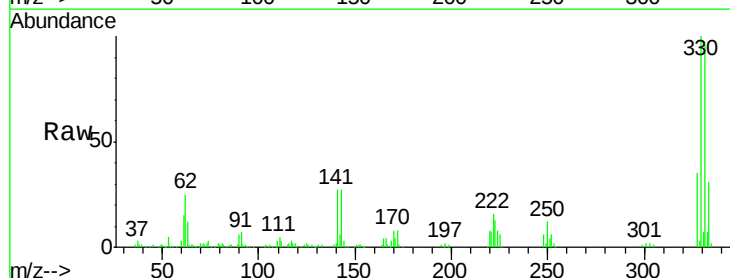
Tgt Ion:248 Resp: 11270

Ion Ratio Lower Upper

248 100

250 196.9 77.1 115.7#

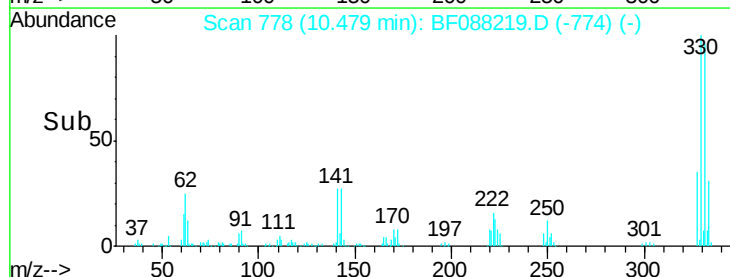
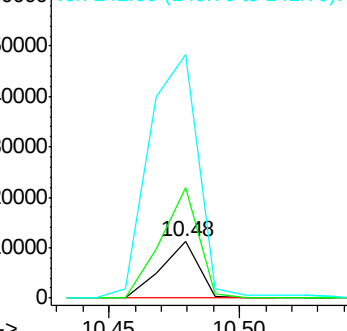
141 433.8 50.6 76.0#

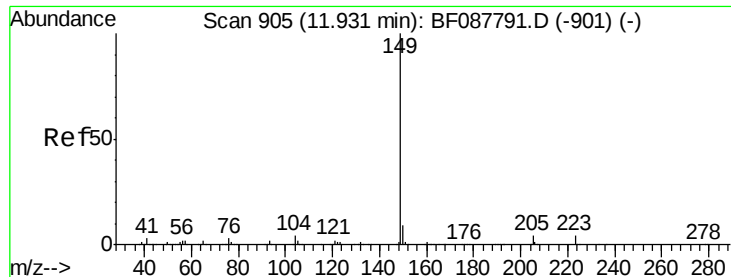


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 4.99 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

Instrument :

BNA_F

ClientSampled :

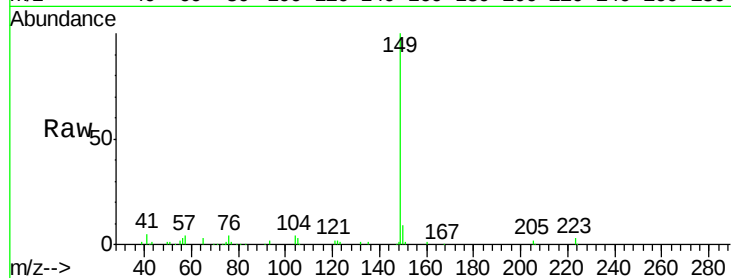
Tot Ion:149 Resp: 86056

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

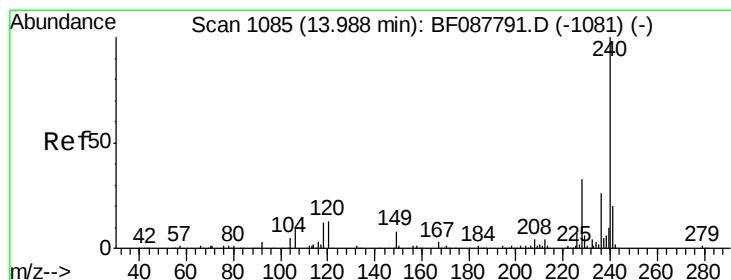
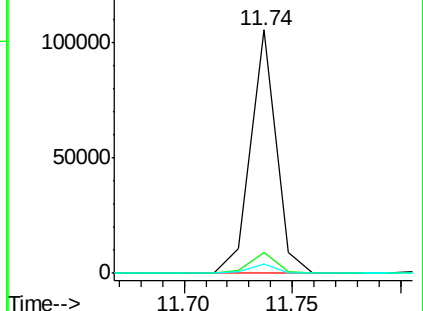
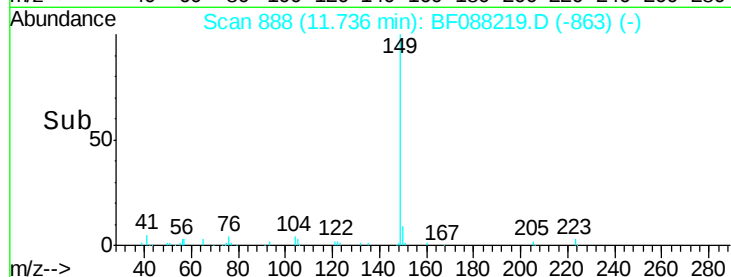
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF088219.D

Acq: 21 Jun 2016 18:18

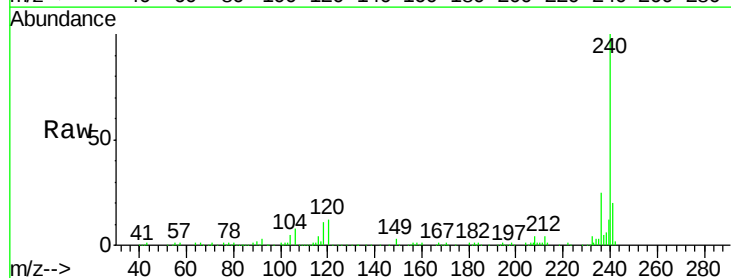
Tgt Ion:240 Resp: 220459

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

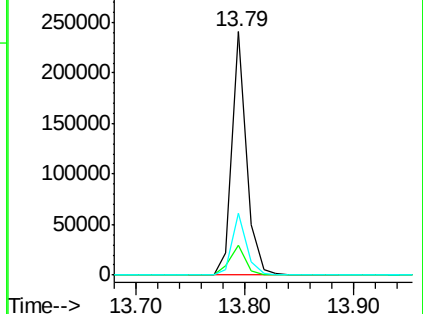
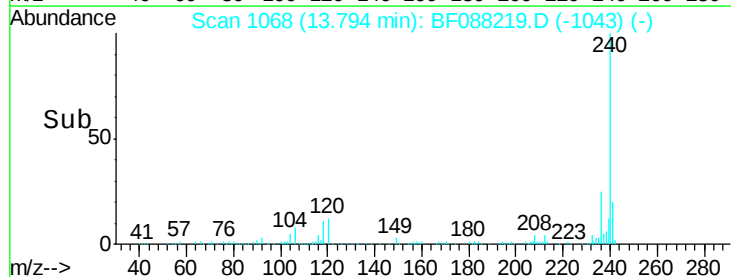
236 25.2 20.2 30.2

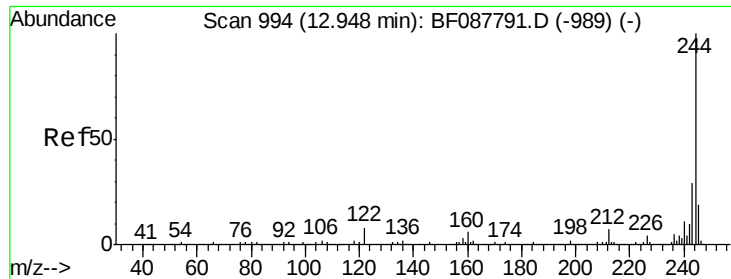


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

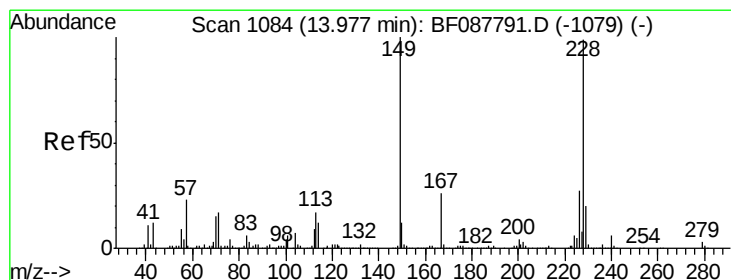
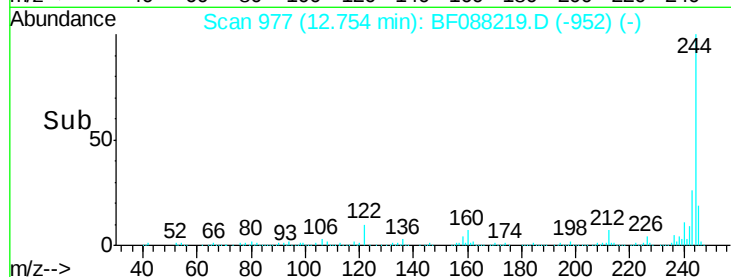
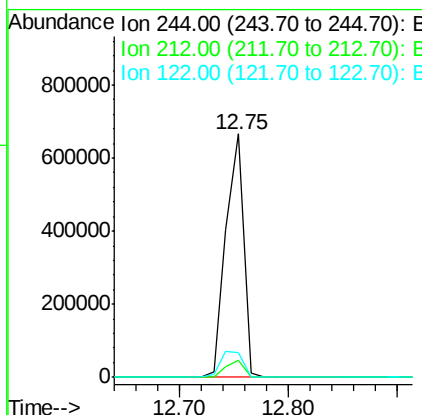
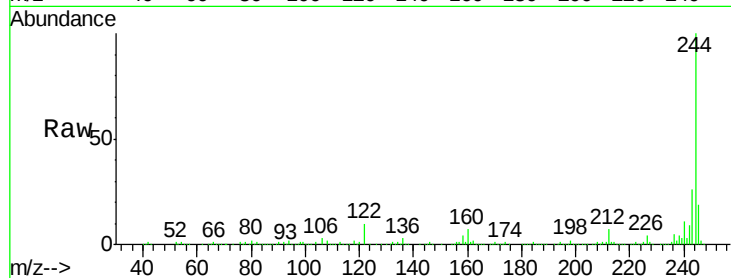




#78
 Terphenyl-d14
 Concen: 77.91 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088219.D
 Acq: 21 Jun 2016 18:18

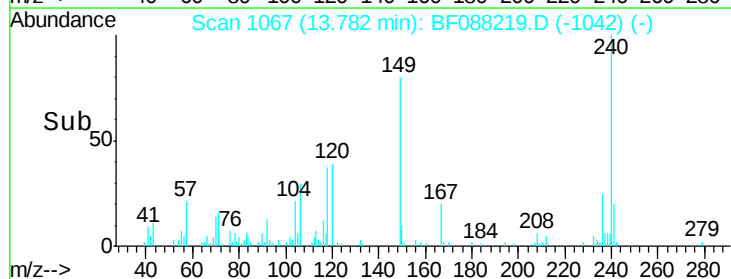
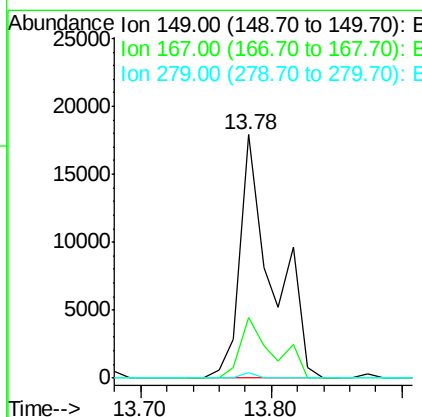
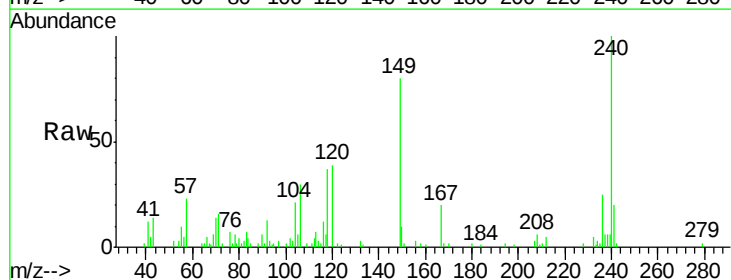
Instrument :
 BNA_F
 ClientSampled :

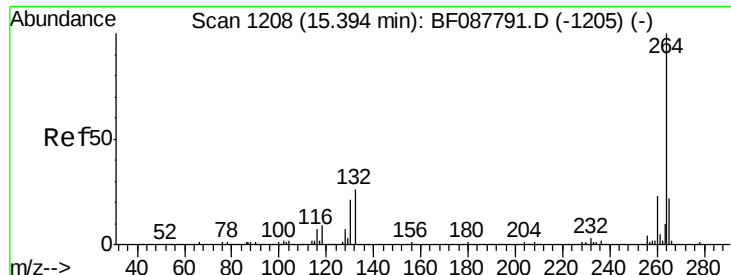
Tot Ion:244 Resp: 754835
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.9 11.2 16.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.52 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF088219.D
 Acq: 21 Jun 2016 18:18

Tgt Ion:149 Resp: 31011
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.5 30.7
 279 2.5 2.0 3.0

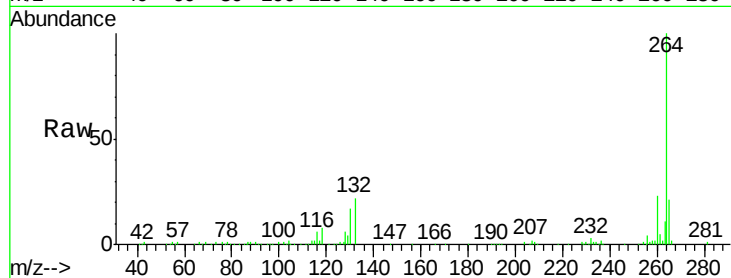




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF088219.D
Acq: 21 Jun 2016 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.8	19.2	28.8	
265	21.4	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

