

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090616\
 Data File : BF089991.D
 Acq On : 6 Sep 2016 16:37
 Operator : UM/SJ
 Sample : PB93146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 17:31:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

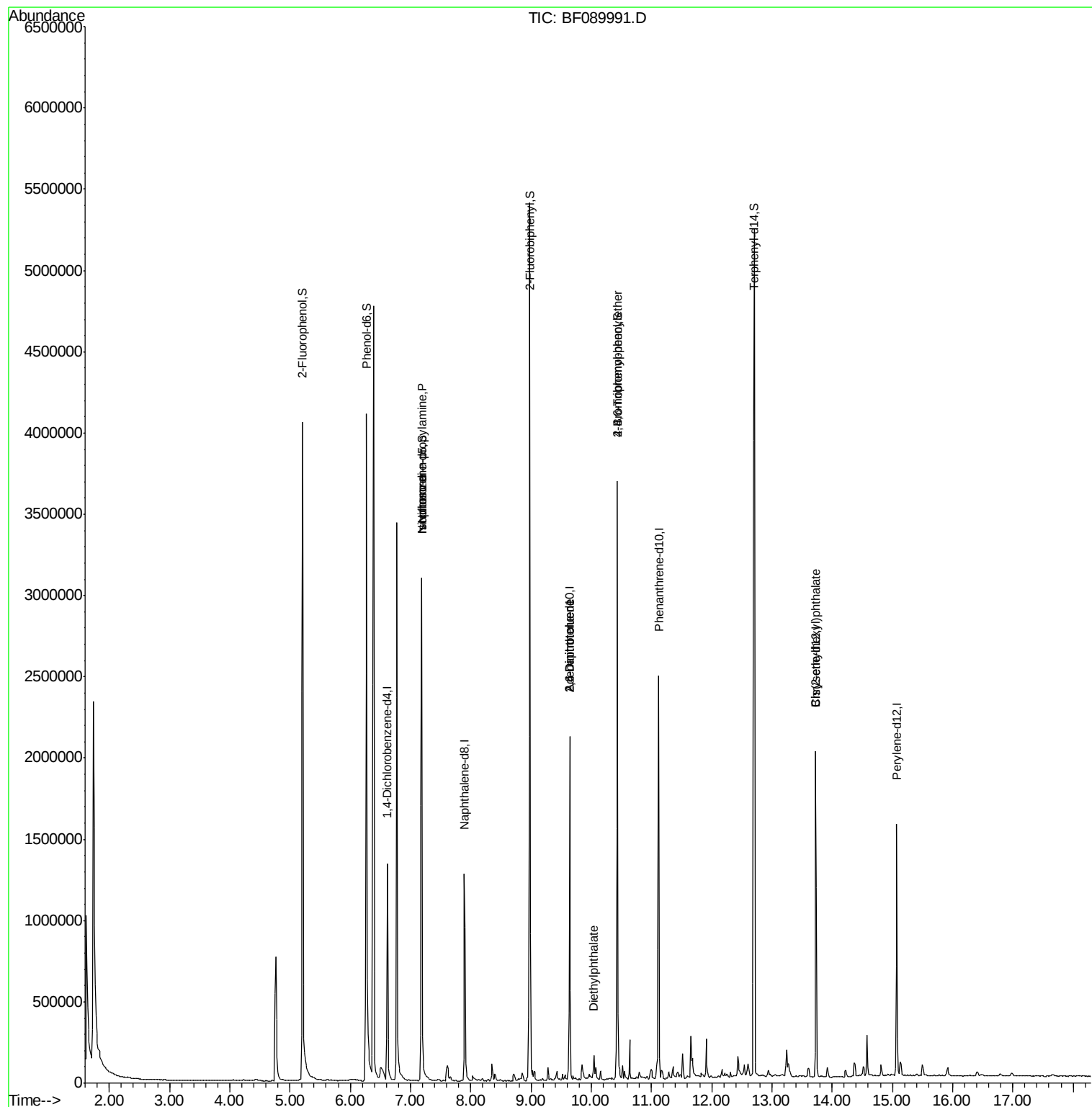
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	229740	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	892598	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	471970	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	976103	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	762155	20.00	ng	-0.03
86) Perylene-d12	15.07	264	652640	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1678271	116.93	ng	0.00
7) Phenol-d6	6.27	99	2102632	120.56	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1263894	82.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	482708	103.67	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2092112	72.76	ng	-0.02
78) Terphenyl-d14	12.71	244	2315694	75.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	171094	15.05	ng	# 82
25) Isophorone	7.19	82	1197644	38.27	ng	# 65
50) 2,6-Dinitrotoluene	9.64	165	61565	8.11	ng	# 26
56) 2,4-Dinitrotoluene	9.64	165	61568	6.40	ng	# 29
59) Diethylphthalate	10.04	149	79501	2.48	ng	98
66) 4-Bromophenyl-phenylether	10.43	248	33324	3.39	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.73	149	87923	2.93	ng	# 93

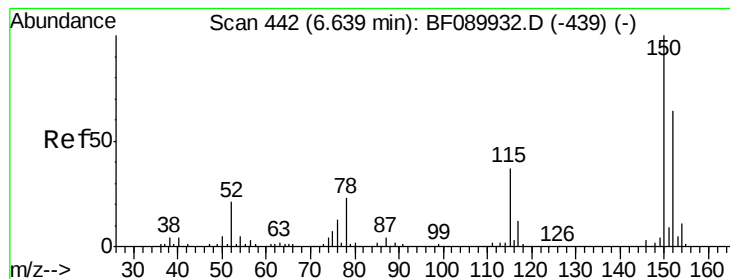
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

Instrument :

BNA_F

ClientSampleId :

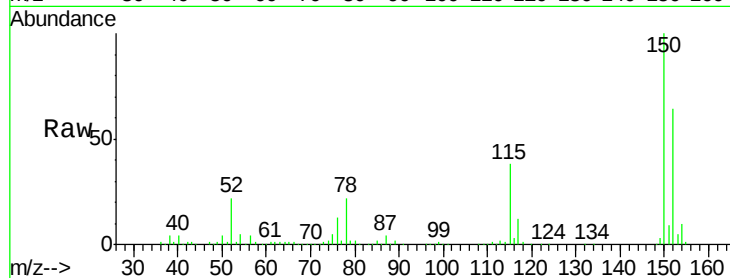
Tot Ion:152 Resp: 229740

Ion Ratio Lower Upper

152 100

150 156.5 127.4 191.2

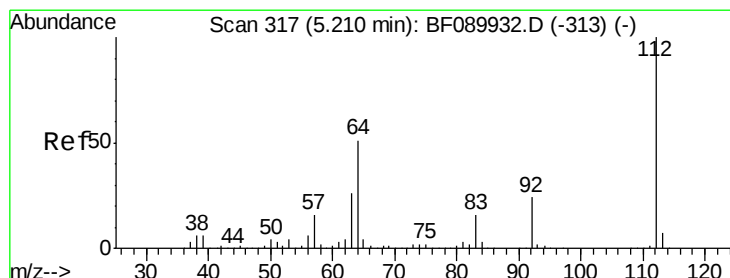
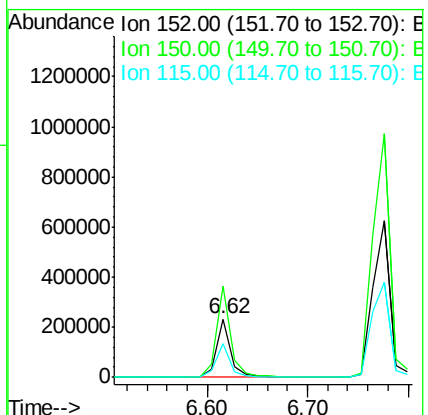
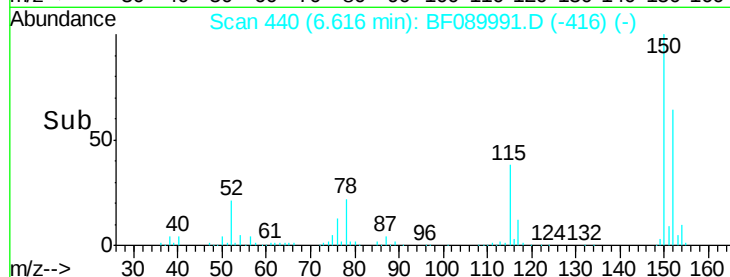
115 58.9 46.3 69.5



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: 116.93 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

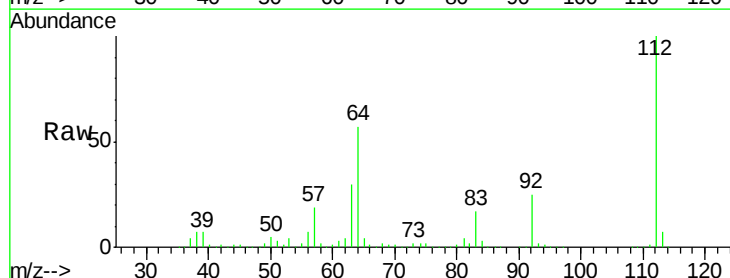
Tgt Ion:112 Resp: 1678271

Ion Ratio Lower Upper

112 100

64 57.3 41.1 61.7

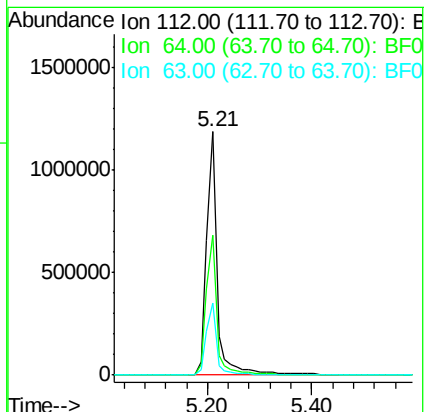
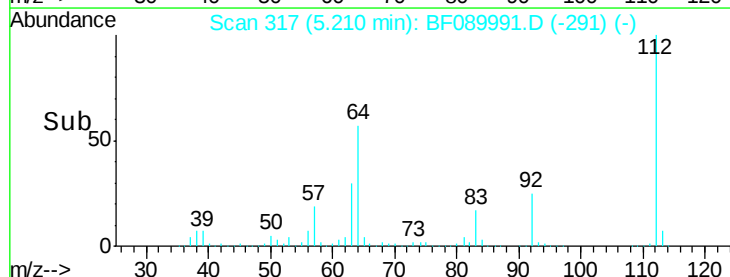
63 29.7 21.2 31.8

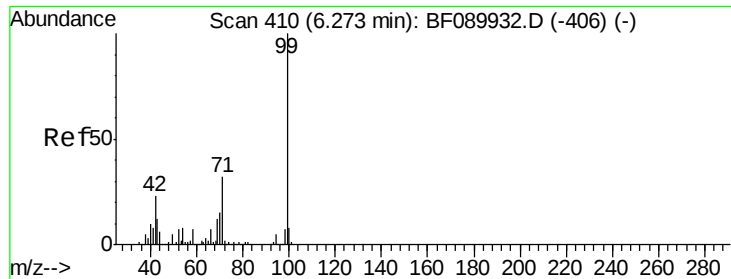


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.56 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

Instrument :

BNA_F

ClientSampleId :

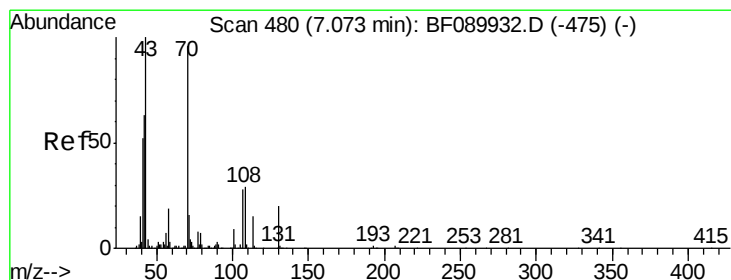
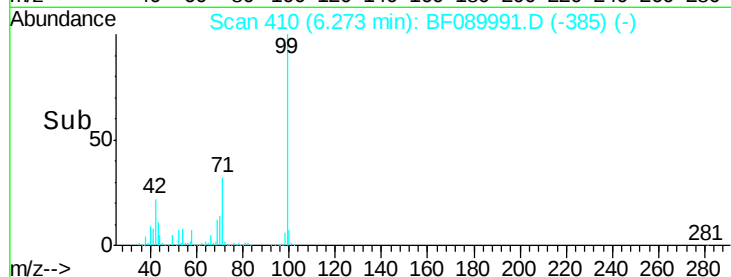
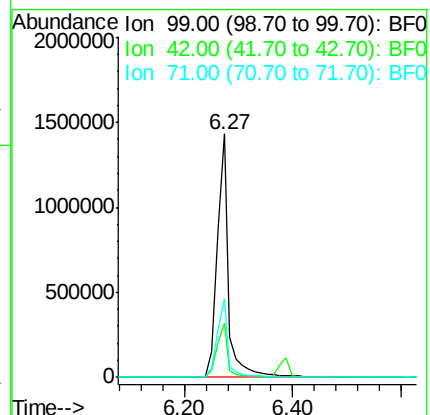
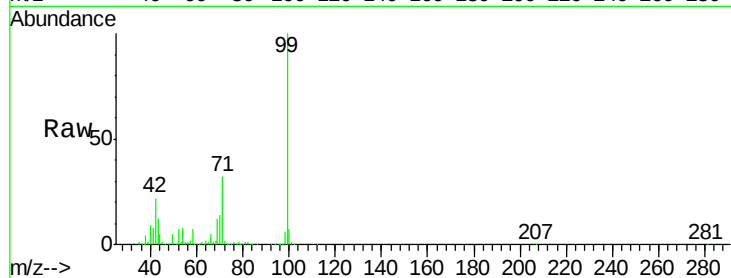
Tot Ion: 99 Resp: 2102632

Ion Ratio Lower Upper

99 100

42 22.0 18.6 27.8

71 32.2 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.05 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

Tgt Ion: 70 Resp: 171094

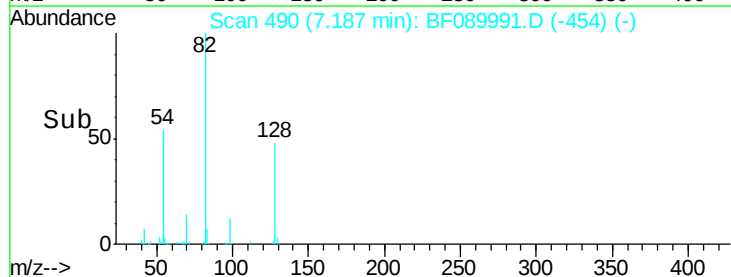
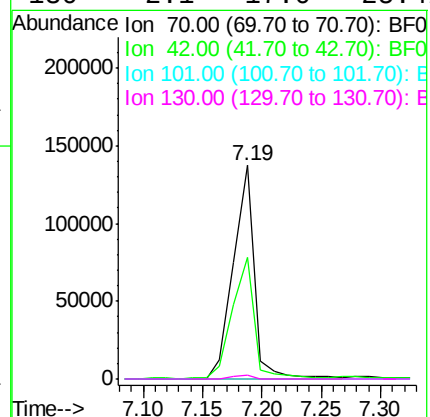
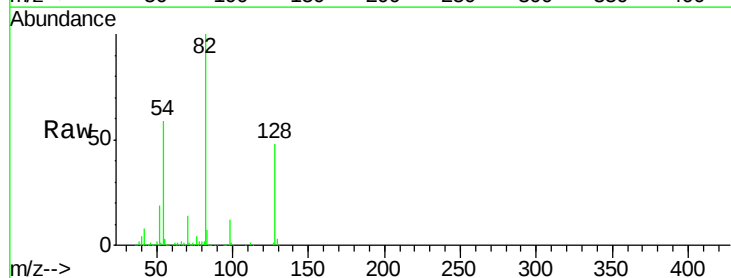
Ion Ratio Lower Upper

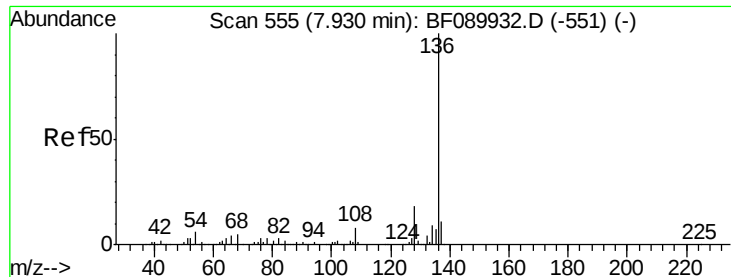
70 100

42 57.1 52.1 78.1

101 0.0 7.4 11.2#

130 2.1 17.0 25.4#

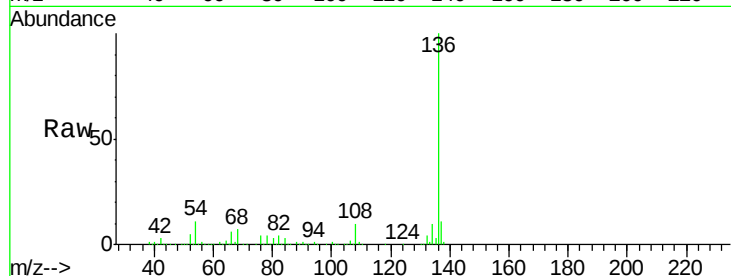




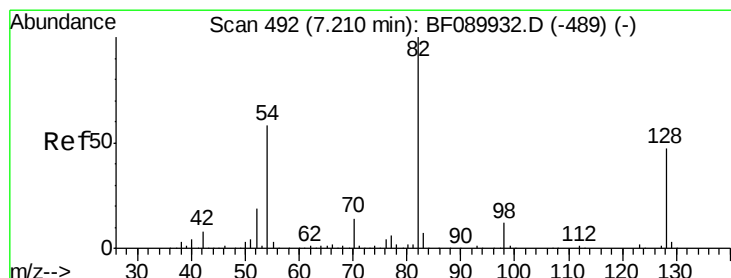
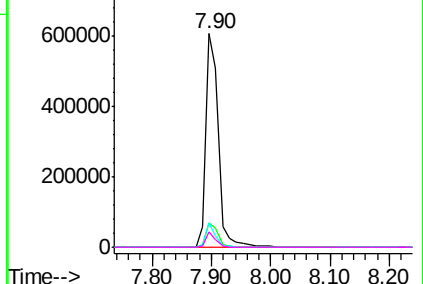
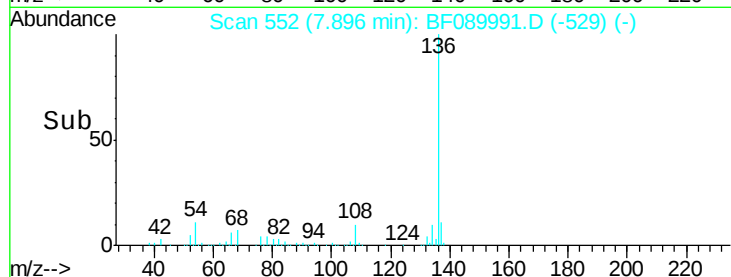
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF089991.D
Acq: 6 Sep 2016 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	892598
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.3 12.5
54	11.1	4.8 7.2#
68	7.5	3.7 5.5#

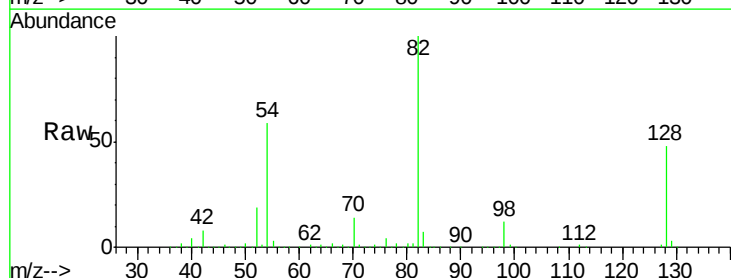


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

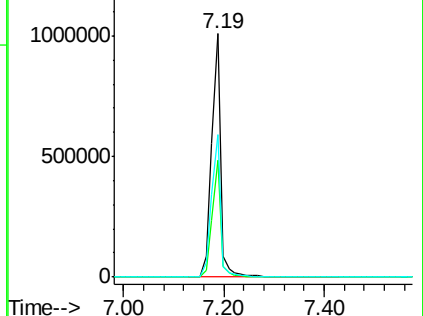
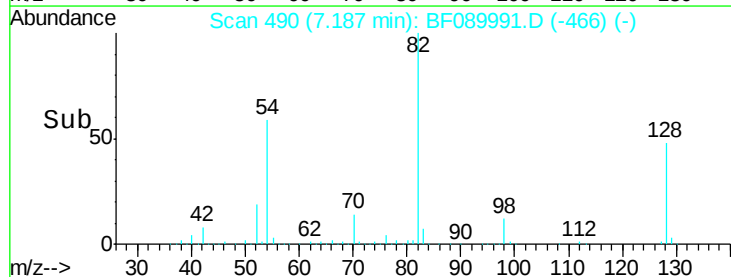


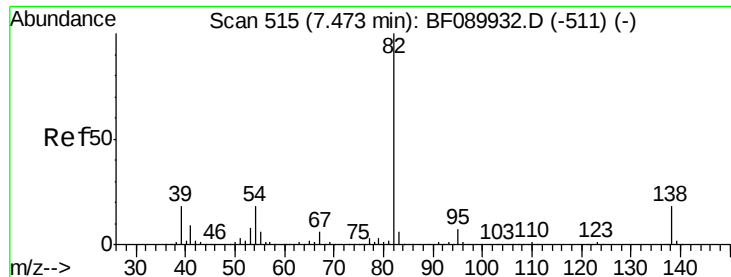
#23
Nitrobenzene-d5
Concen: 82.12 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF089991.D
Acq: 6 Sep 2016 16:37

Tgt Ion: 82	Resp:	1263894
Ion Ratio	Lower	Upper
82	100	
128	47.8	37.8 56.8
54	58.6	46.9 70.3



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: 38.27 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.29 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

Instrument :

BNA_F

ClientSampleId :

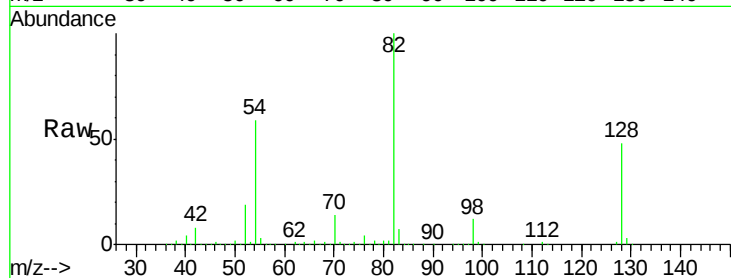
Tot Ion: 82 Resp: 1197644

Ion Ratio Lower Upper

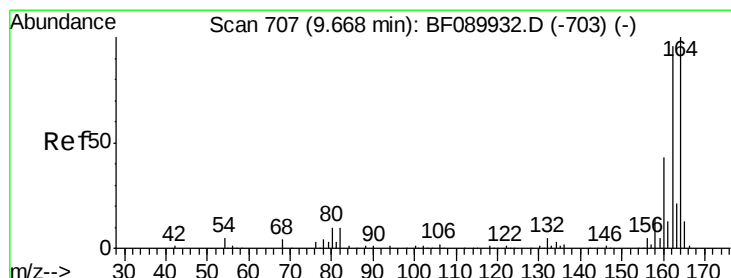
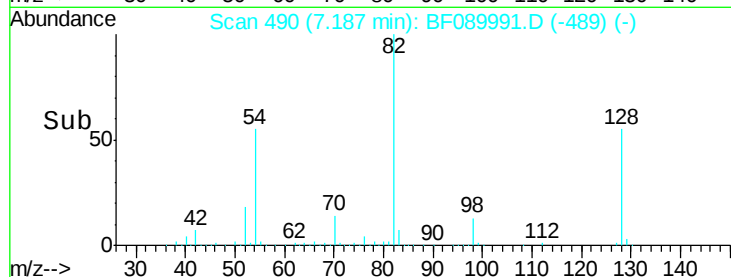
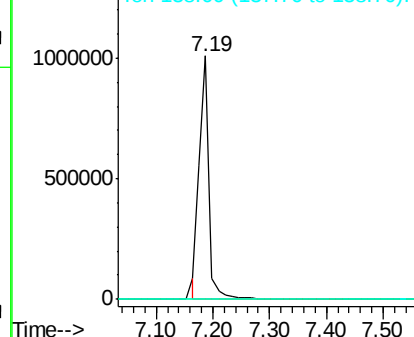
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

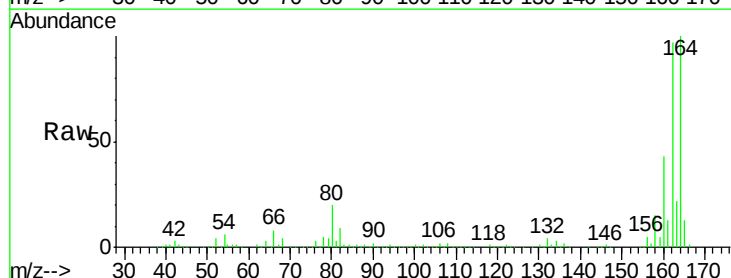
Tgt Ion: 164 Resp: 471970

Ion Ratio Lower Upper

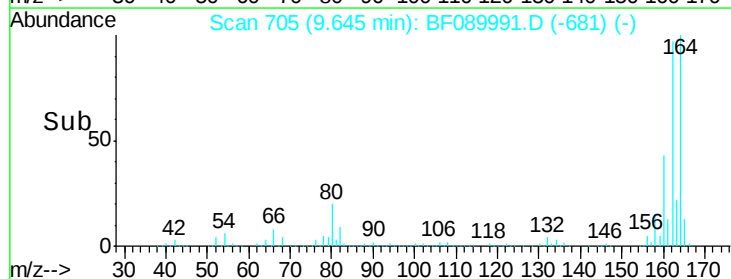
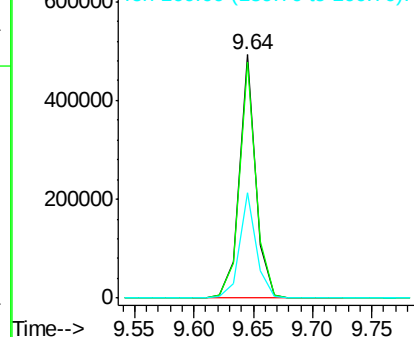
164 100

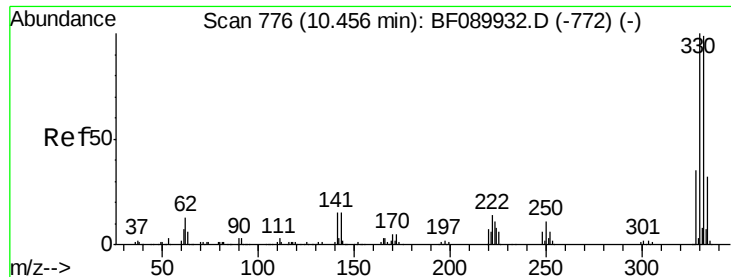
162 97.0 77.1 115.7

160 43.1 35.3 52.9



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

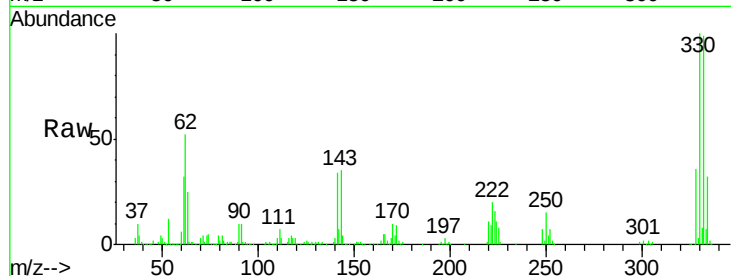




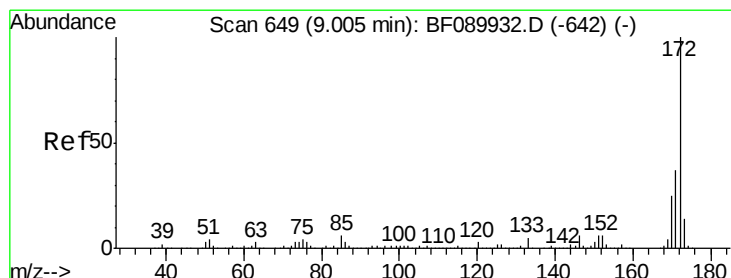
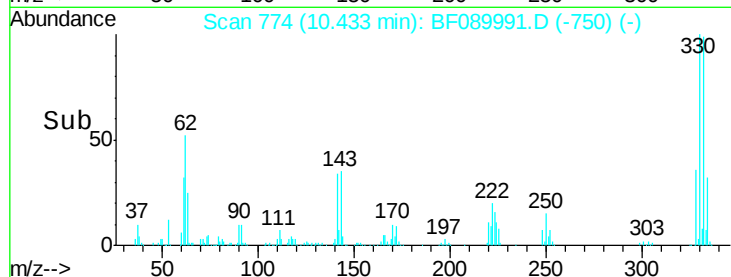
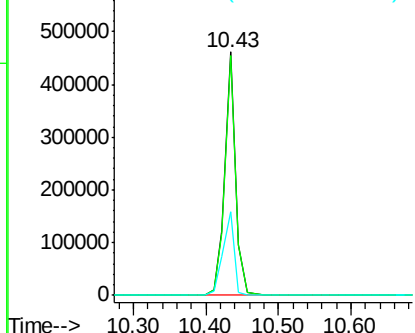
#41
 2,4,6-Tribromophenol
 Concen: 103.67 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 482708
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.6 117.8
 141 36.0 23.3 34.9#

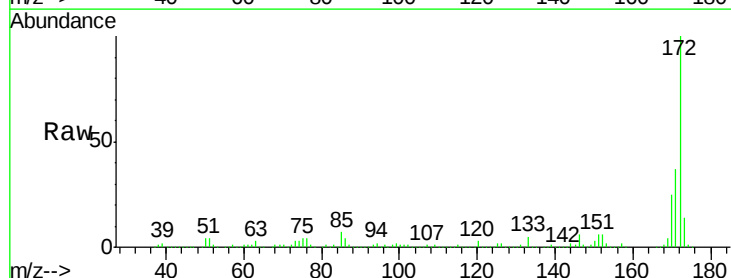


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

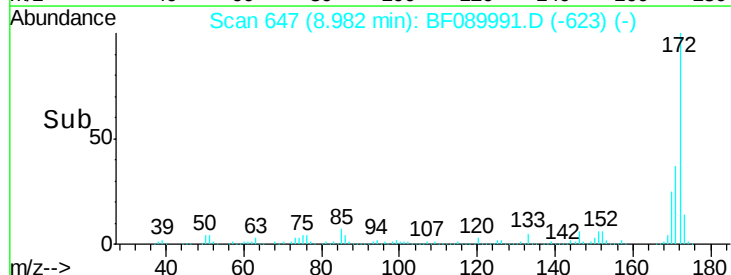
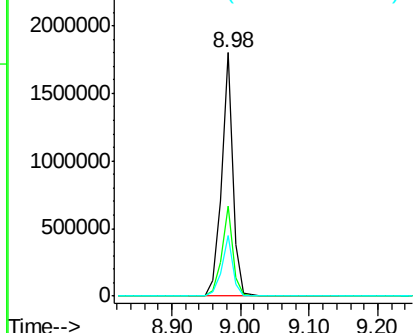


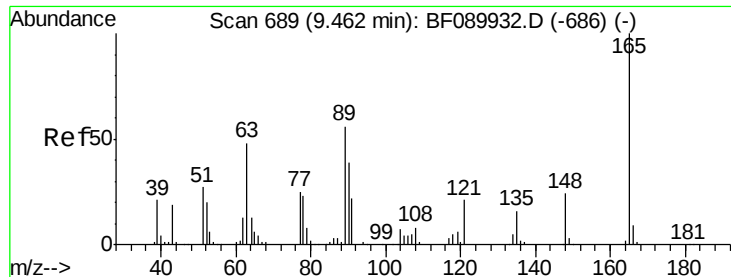
#44
 2-Fluorobiphenyl
 Concen: 72.76 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

Tgt Ion:172 Resp: 2092112
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.9 20.1 30.1



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

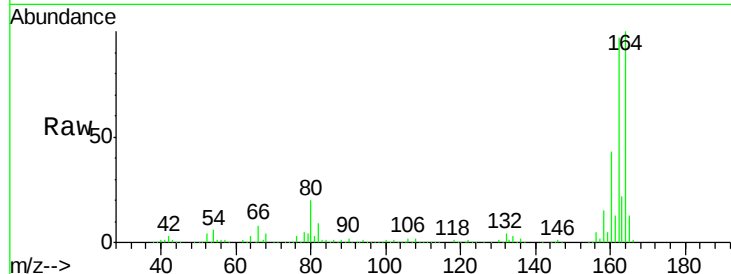




#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :

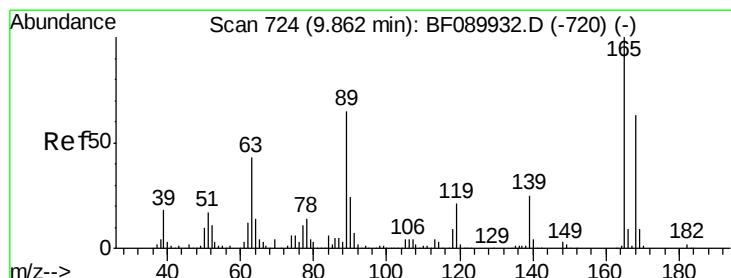
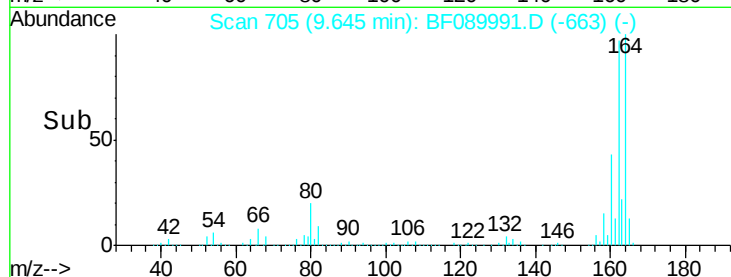
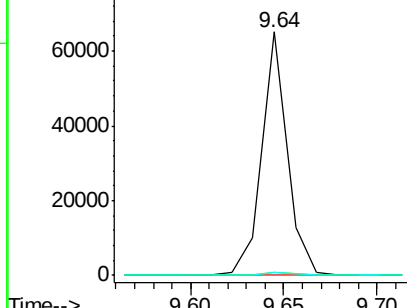
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.1	41.5	62.3#



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: 6.40 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

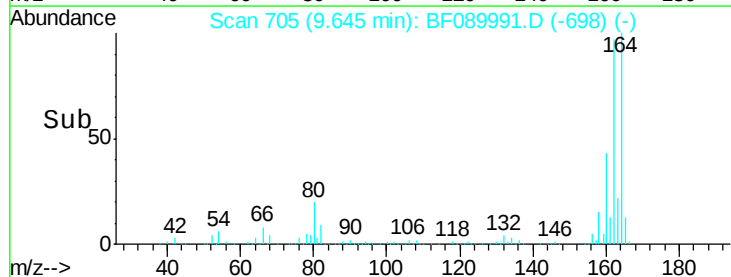
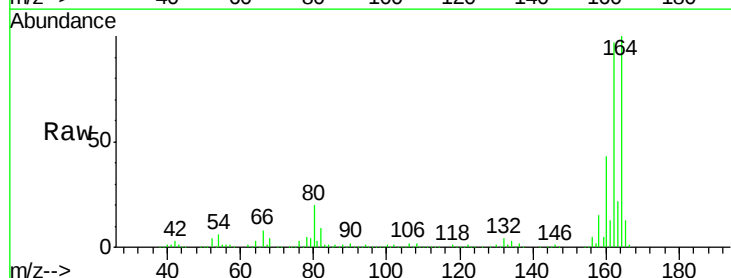
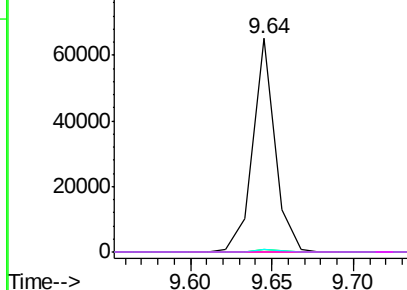
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.5	48.7#
89	1.1	48.3	72.5#
182	0.0	1.7	2.5#

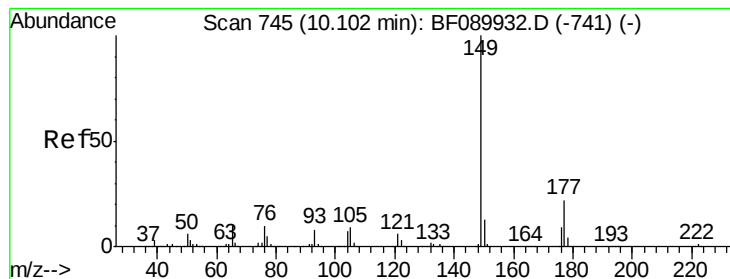
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 2.48 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

Instrument :

BNA_F

ClientSampleId :

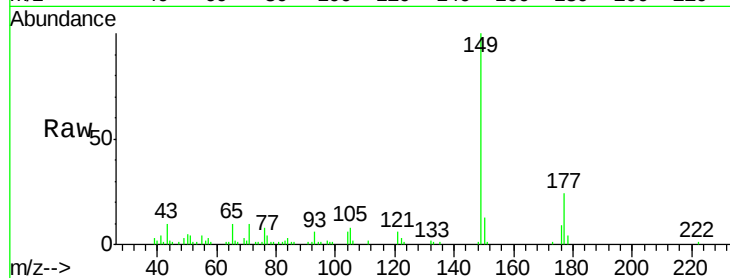
Tot Ion:149 Resp: 79501

Ion Ratio Lower Upper

149 100

177 23.5 17.7 26.5

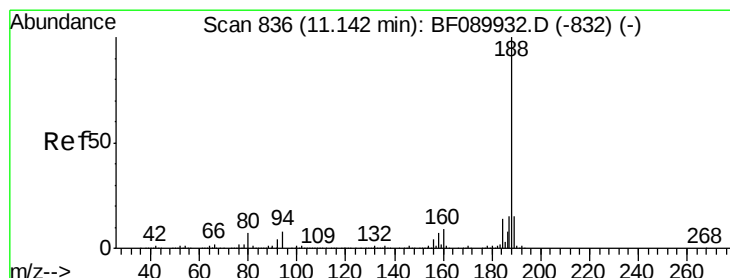
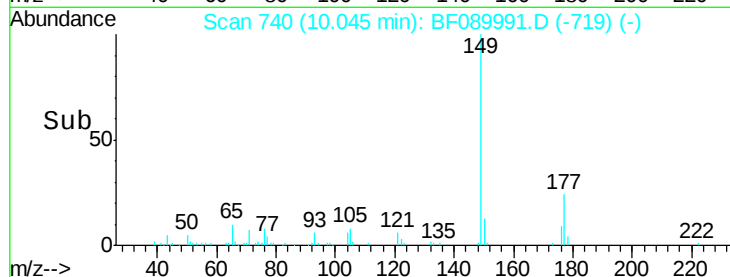
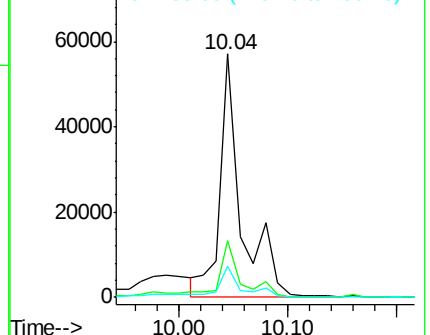
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

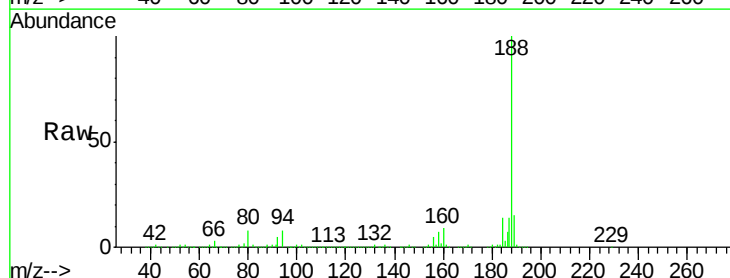
Tgt Ion:188 Resp: 976103

Ion Ratio Lower Upper

188 100

94 8.4 5.9 8.9

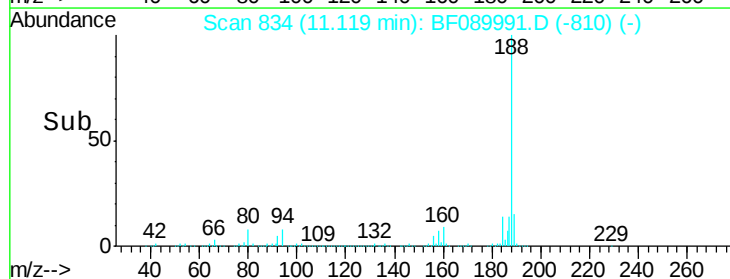
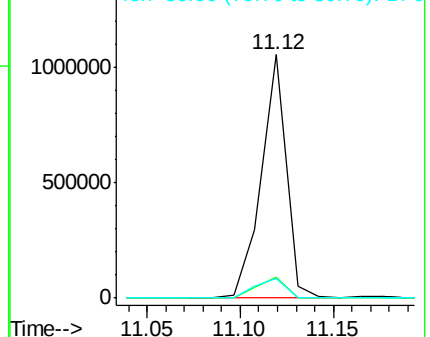
80 8.3 5.8 8.8

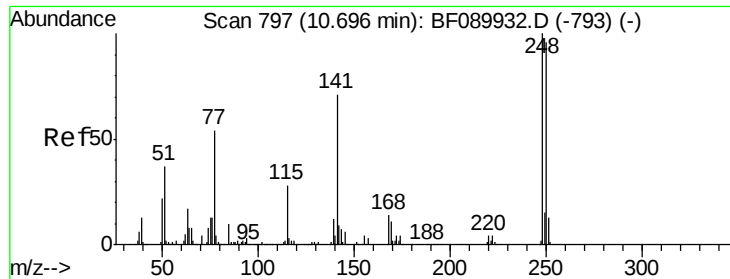


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

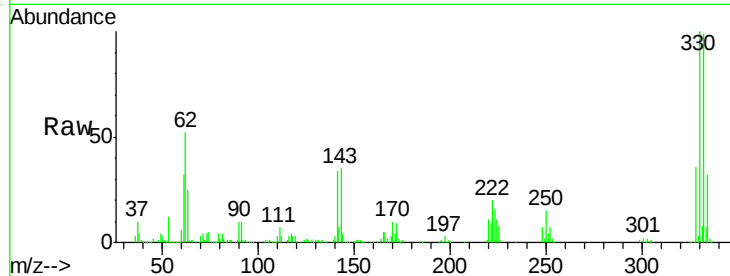




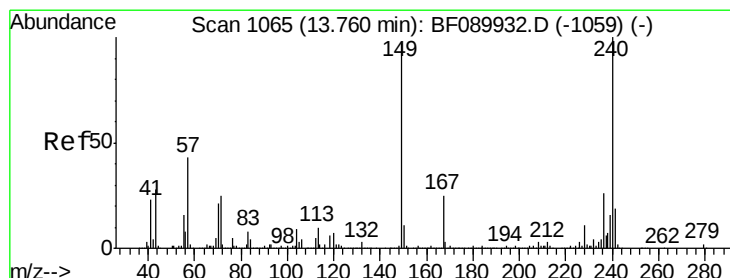
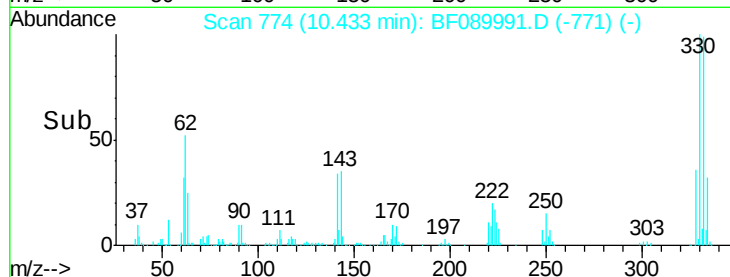
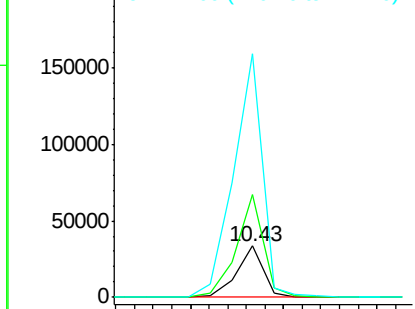
#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.26 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 33324
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.3 115.9#
 141 474.1 55.8 83.8#

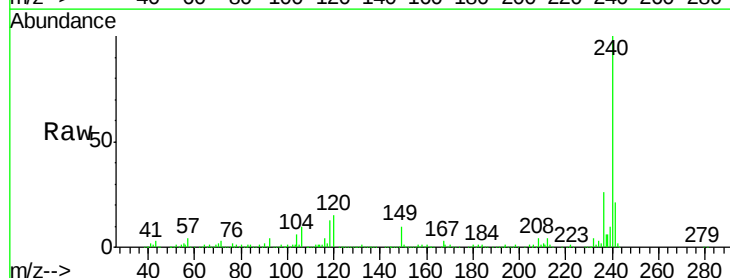


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

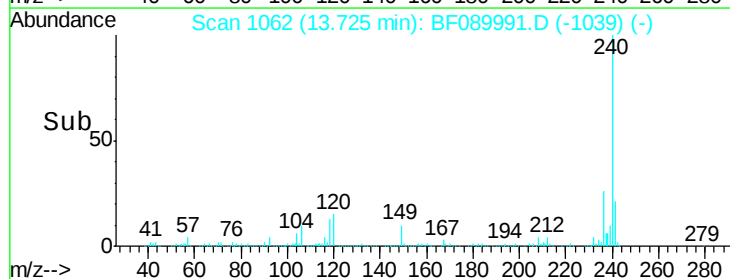
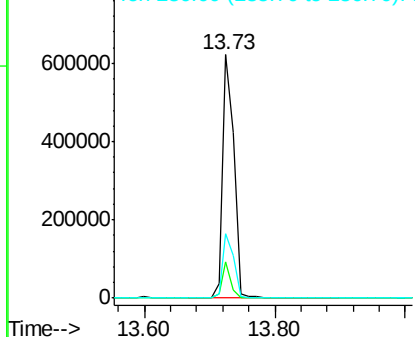


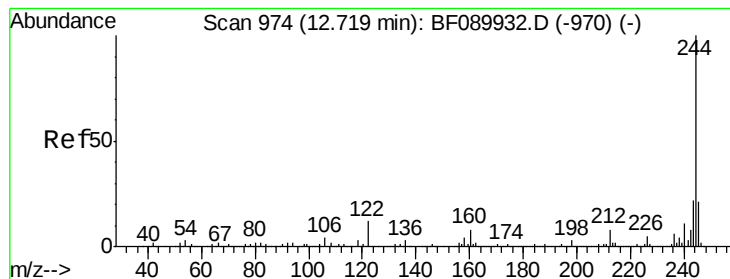
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

Tgt Ion:240 Resp: 762155
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.7 8.5#
 236 26.4 21.3 31.9



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: 75.06 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

Instrument :

BNA_F

ClientSampled :

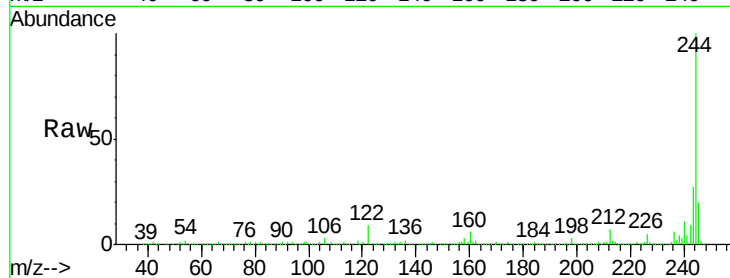
Tot Ion:244 Resp: 2315694

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

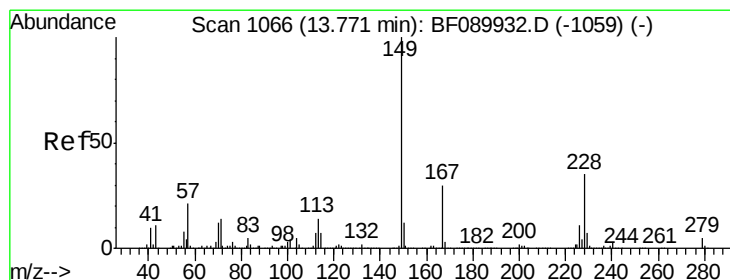
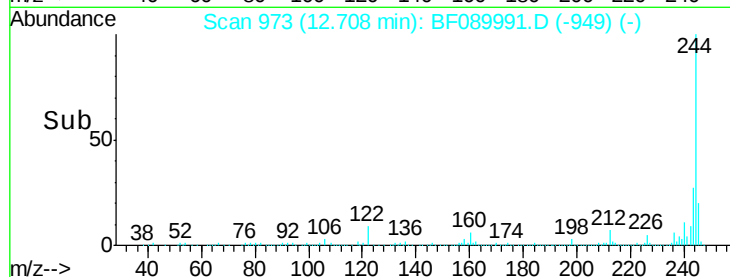
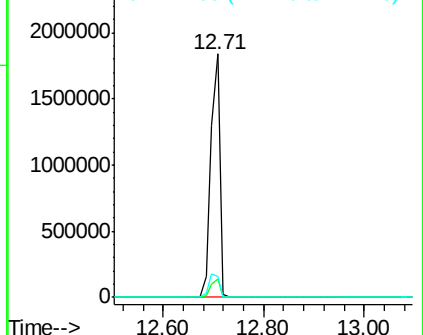
122 8.8 9.6 14.4#



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: 2.93 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.05 min

Lab File: BF089991.D

Acq: 6 Sep 2016 16:37

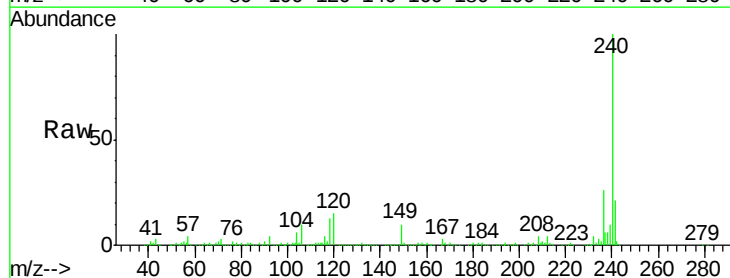
Tgt Ion:149 Resp: 87923

Ion Ratio Lower Upper

149 100

167 25.7 23.6 35.4

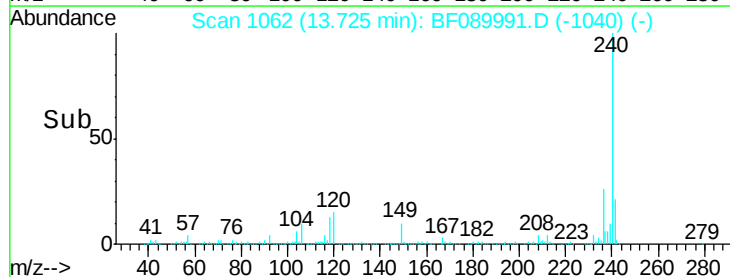
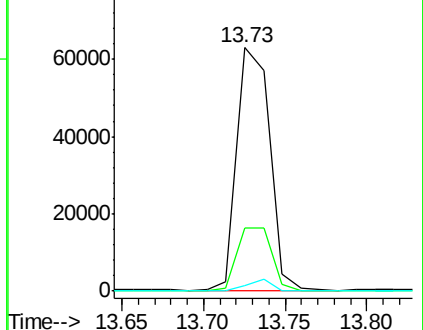
279 2.3 3.4 5.2#

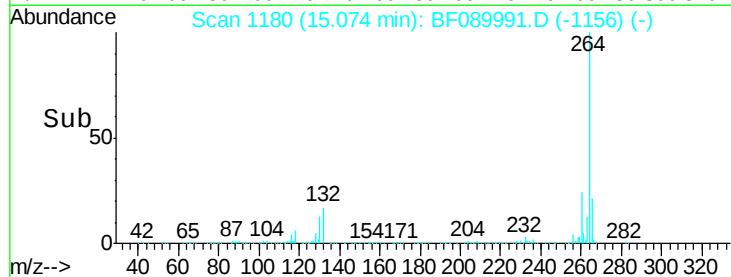
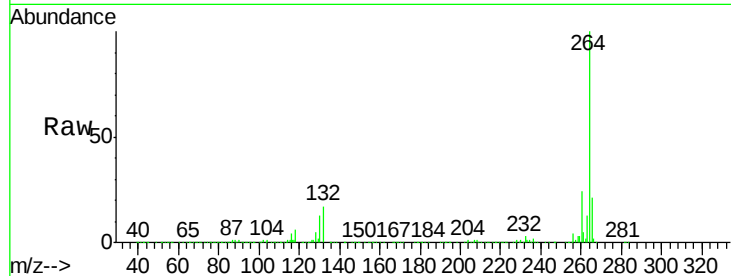
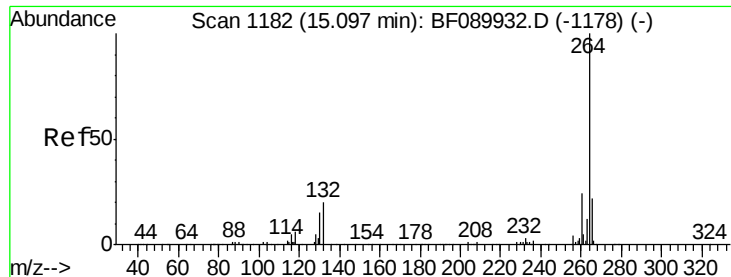


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089991.D
 Acq: 6 Sep 2016 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	652640
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.4 29.0
265	21.5	17.4 26.2

