

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089940.D
 Acq On : 31 Aug 2016 10:27
 Operator : UM/SJ
 Sample : PB93146BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 15:17:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

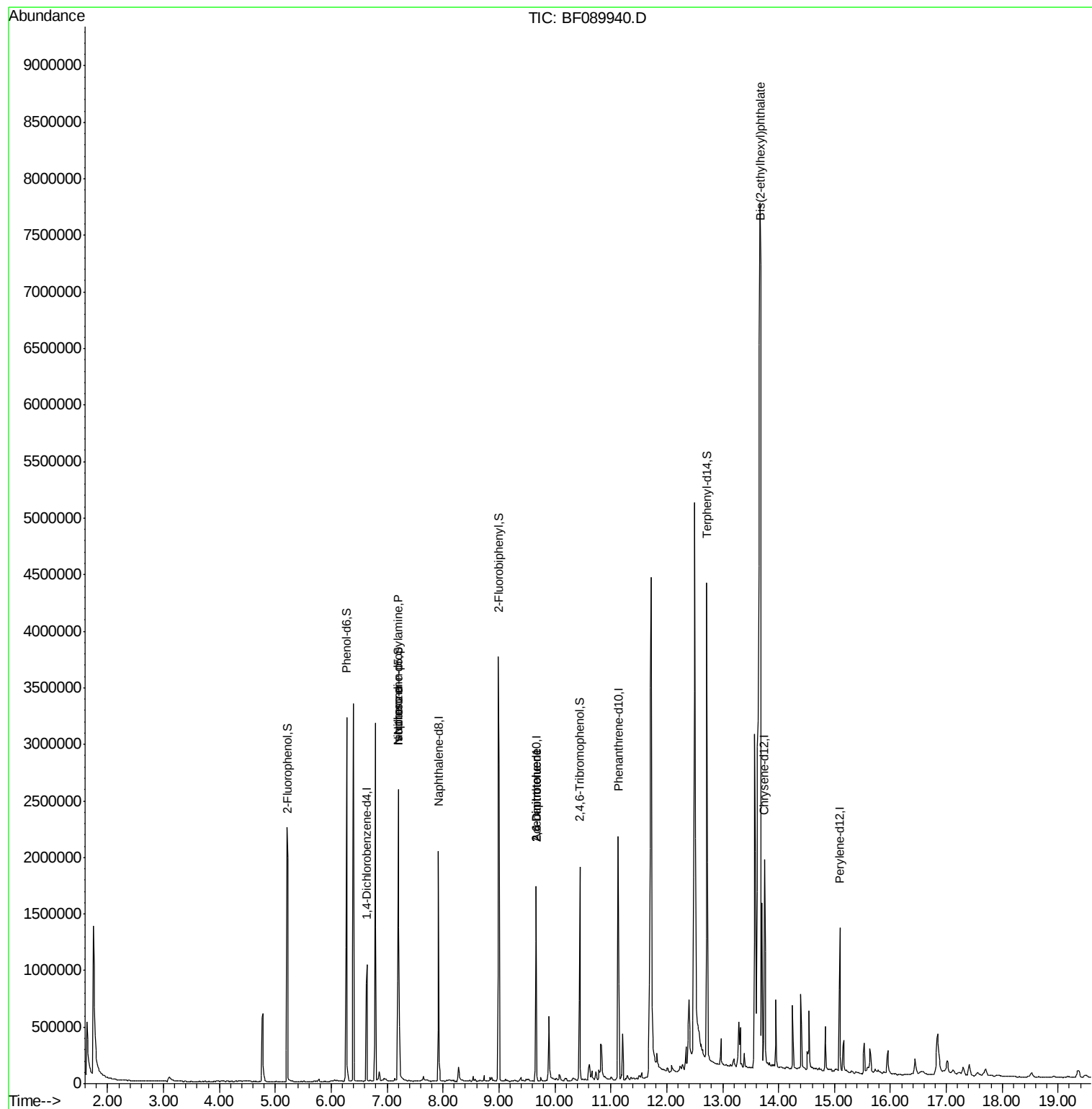
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	222281	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	888982	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	465013	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	890441	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	727004	20.00	ng	-0.01
86) Perylene-d12	15.10	264	569435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	936085	67.41	ng	0.01
7) Phenol-d6	6.27	99	1056731	62.63	ng	0.00
23) Nitrobenzene-d5	7.20	82	905865	59.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	229657	50.06	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1823432	64.37	ng	-0.01
78) Terphenyl-d14	12.72	244	1718807	58.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	160831	14.63	ng	# 86
25) Isophorone	7.20	82	700324	22.47	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	60195	8.05	ng	# 27
56) 2,4-Dinitrotoluene	9.67	165	60195	6.35	ng	# 30
83) Bis(2-ethylhexyl)phthalate	13.68	149	5115452	178.91	ng	# 50

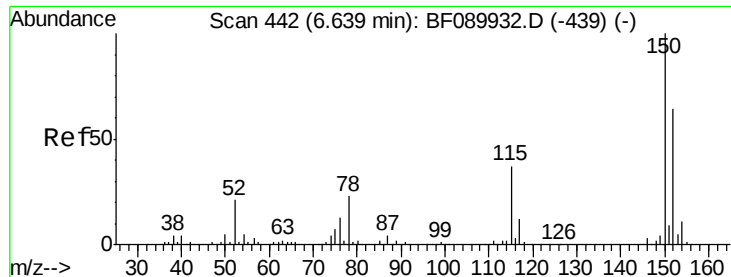
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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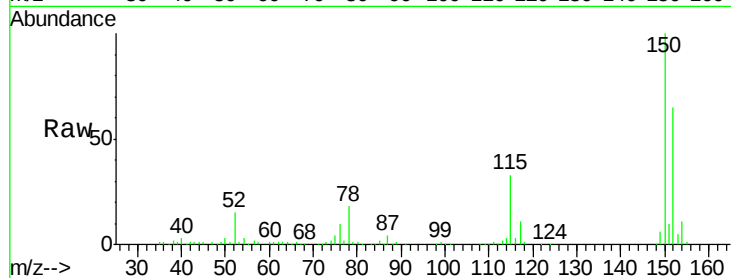


#1

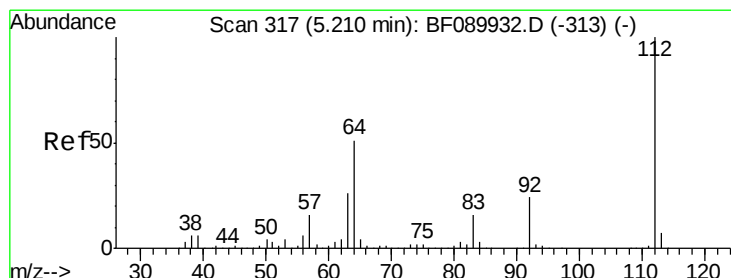
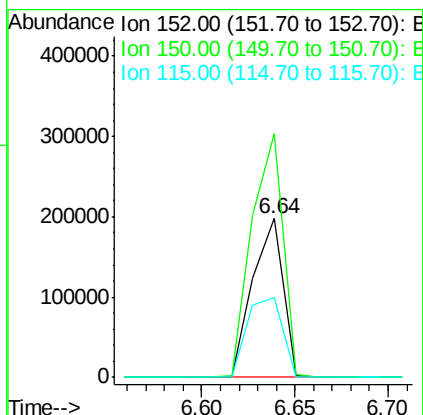
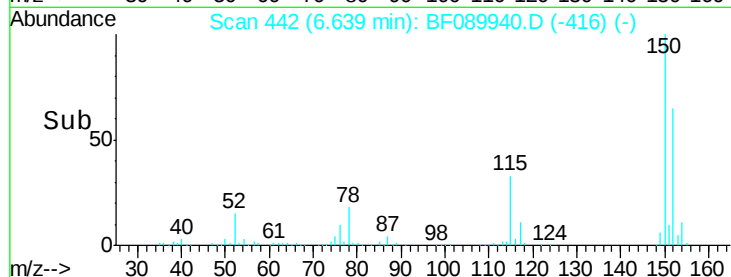
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	127.4	191.2
115	50.3	46.3	69.5



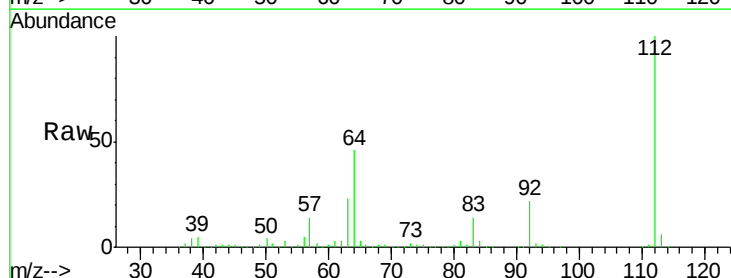
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



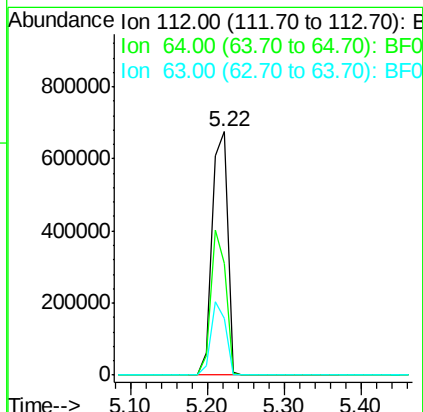
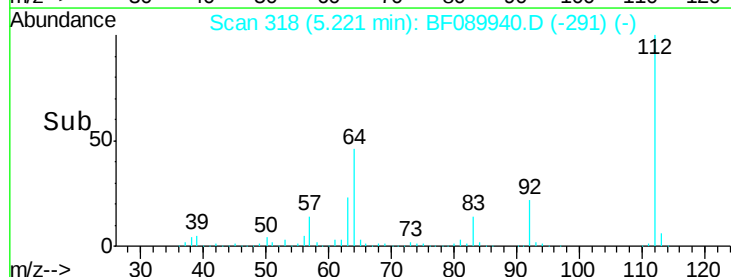
#5

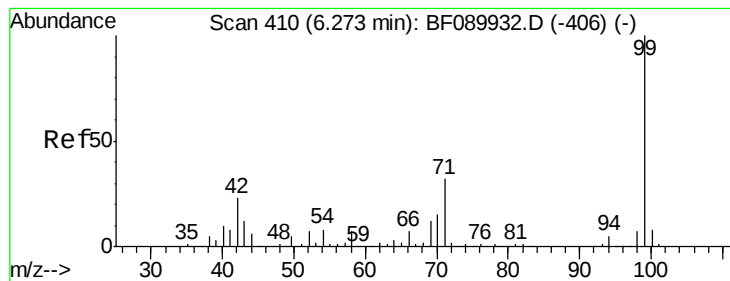
2-Fluorophenol
Concen: 67.41 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.0	41.1	61.7
63	23.4	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: 62.63 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampled :

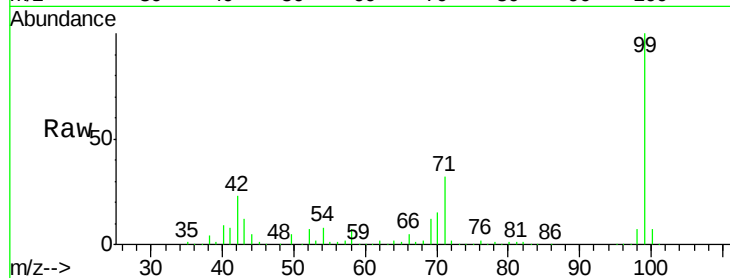
Tot Ion: 99 Resp: 1056731

Ion Ratio Lower Upper

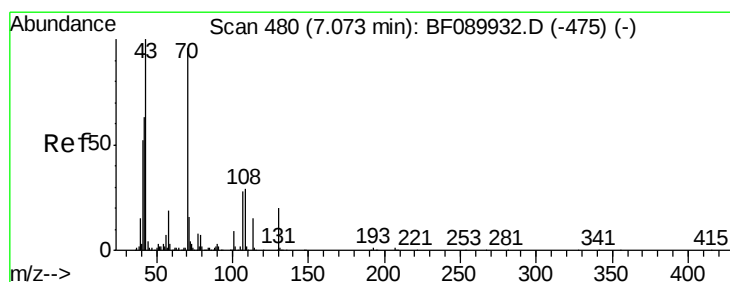
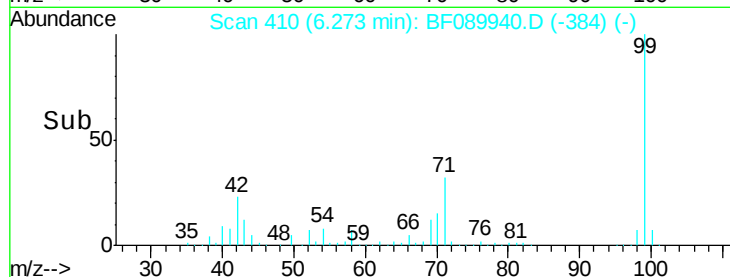
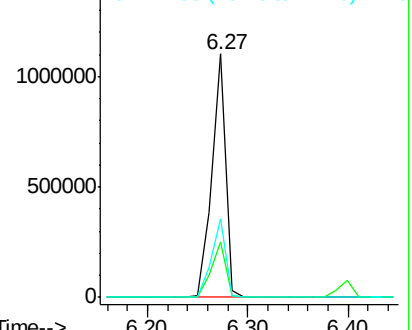
99 100

42 22.8 18.6 27.8

71 32.4 25.8 38.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.63 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Tgt Ion: 70 Resp: 160831

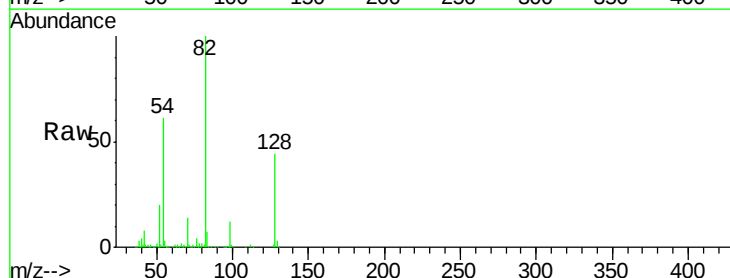
Ion Ratio Lower Upper

70 100

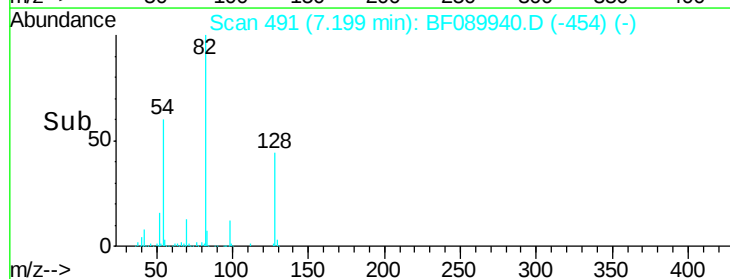
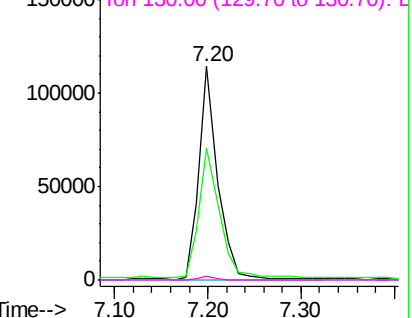
42 62.0 52.1 78.1

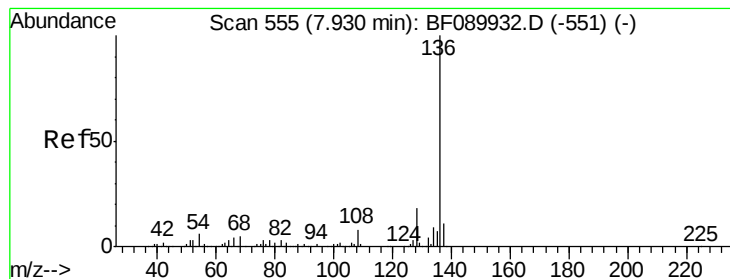
101 0.0 7.4 11.2#

130 2.1 17.0 25.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 888982

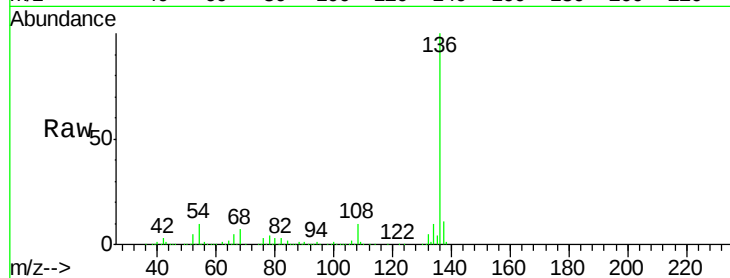
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 9.9 4.8 7.2#

68 6.8 3.7 5.5#

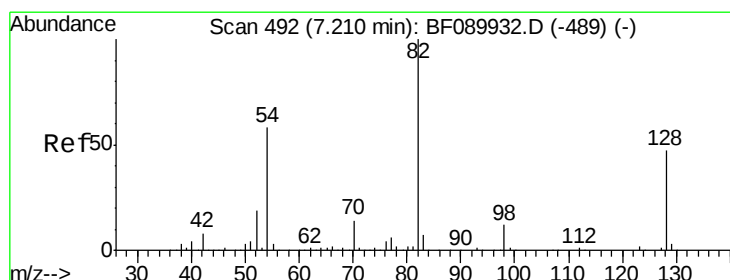
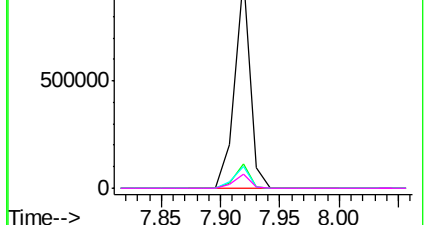
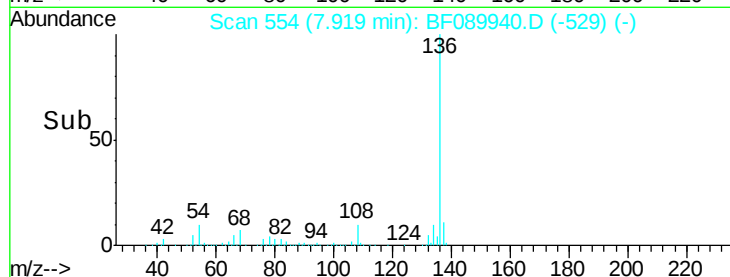


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.10 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

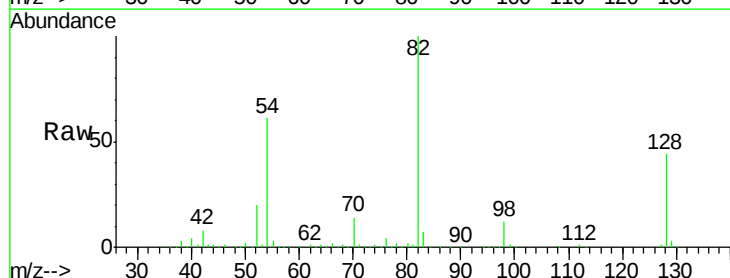
Tgt Ion: 82 Resp: 905865

Ion Ratio Lower Upper

82 100

128 44.0 37.8 56.8

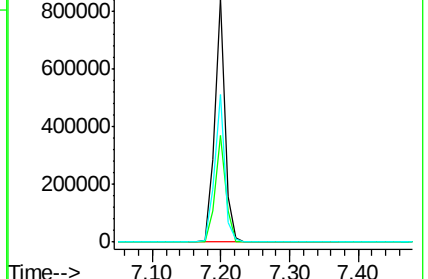
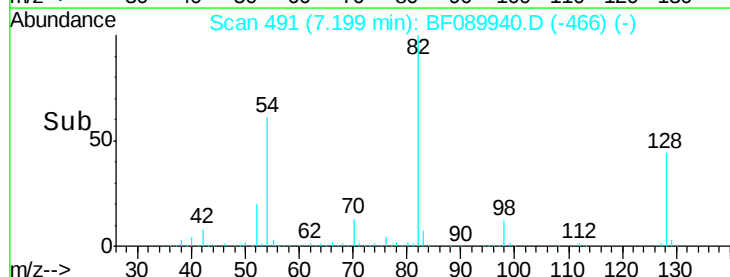
54 60.5 46.9 70.3

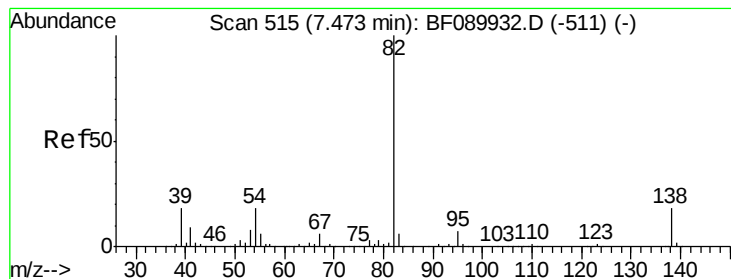


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 22.47 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampleId :

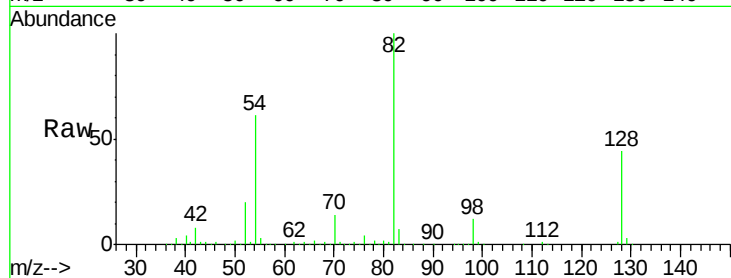
Tot Ion: 82 Resp: 700324

Ion Ratio Lower Upper

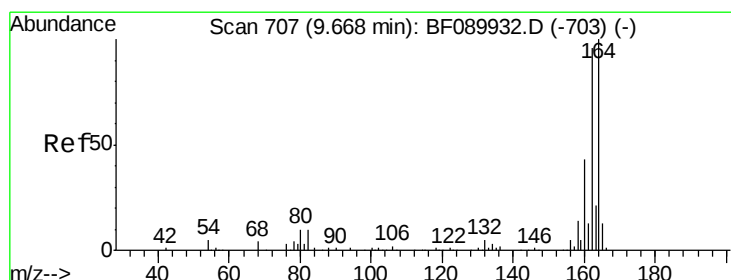
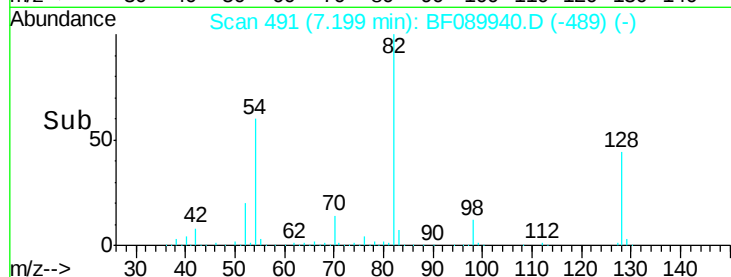
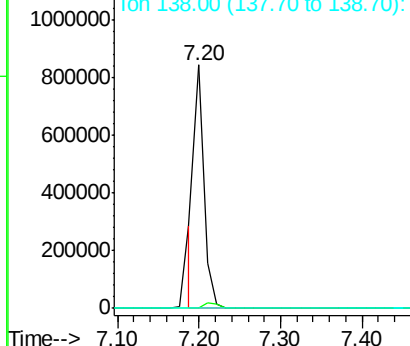
82 100

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: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

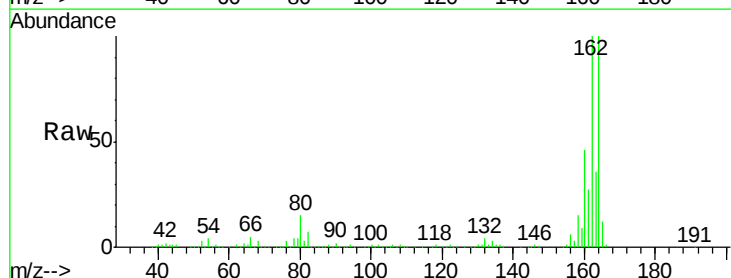
Tgt Ion:164 Resp: 465013

Ion Ratio Lower Upper

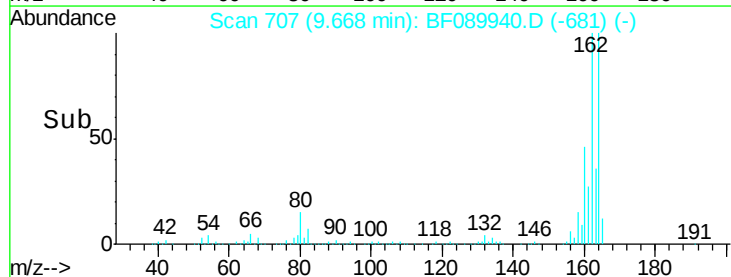
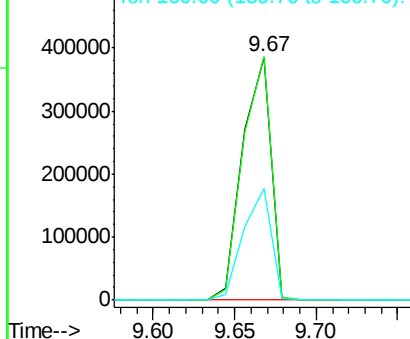
164 100

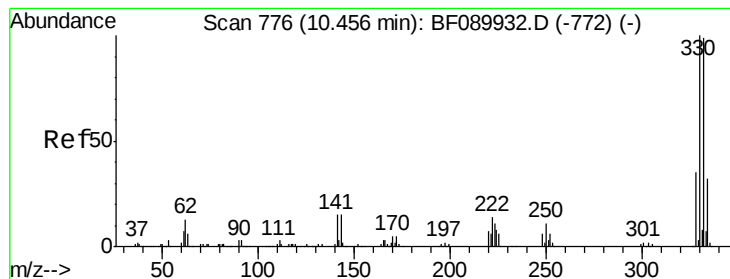
162 100.5 77.1 115.7

160 46.2 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

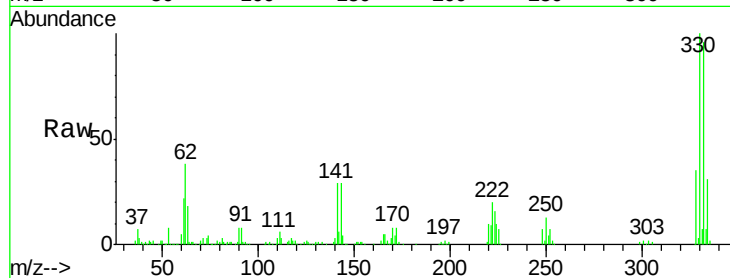




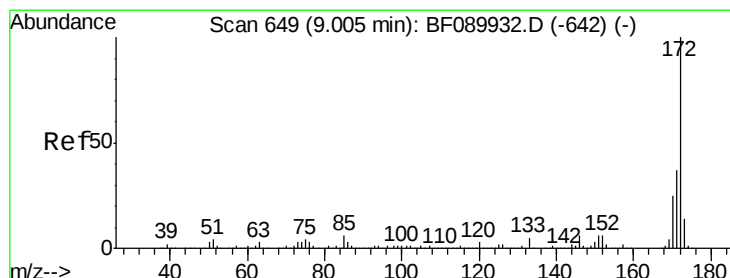
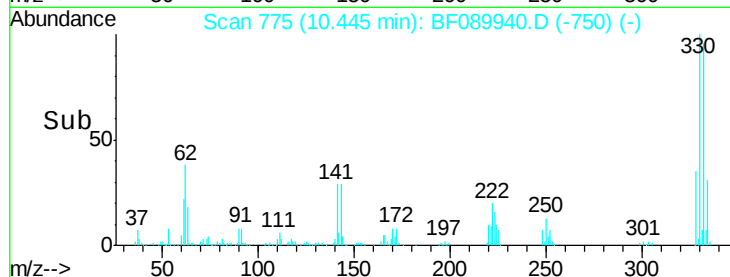
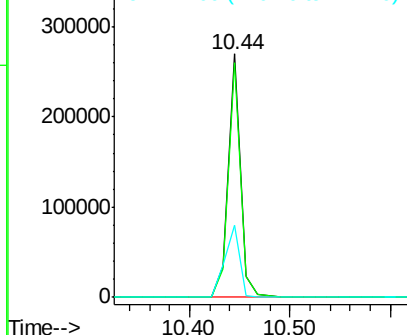
#41
 2,4,6-Tribromophenol
 Concen: 50.06 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089940.D
 Acq: 31 Aug 2016 10:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 229657
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.6 117.8
 141 35.9 23.3 34.9#

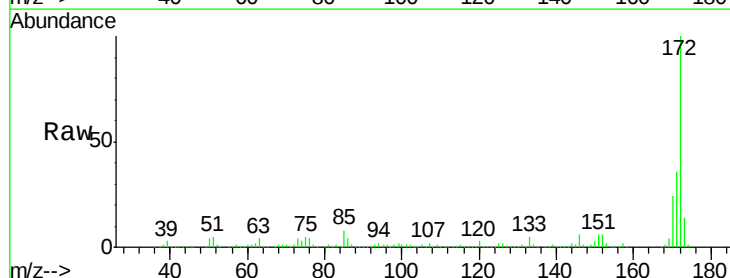


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

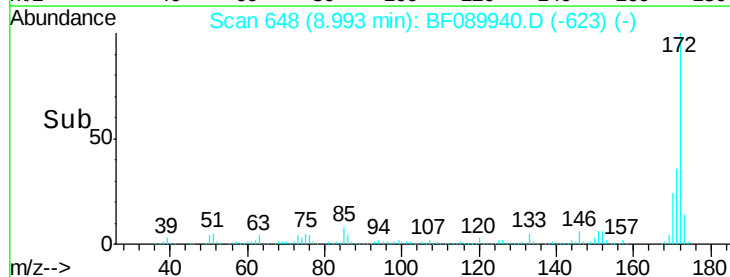
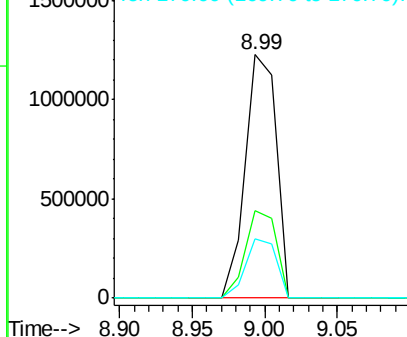


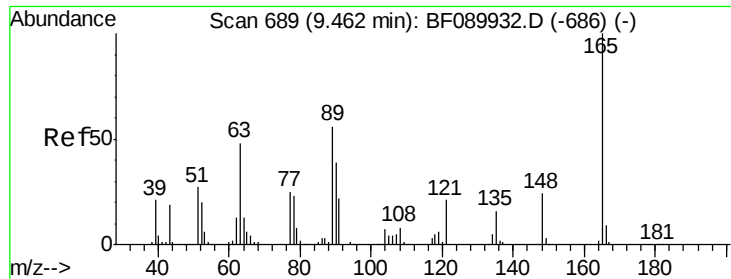
#44
 2-Fluorobiphenyl
 Concen: 64.37 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089940.D
 Acq: 31 Aug 2016 10:27

Tgt Ion:172 Resp: 1823432
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.5 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

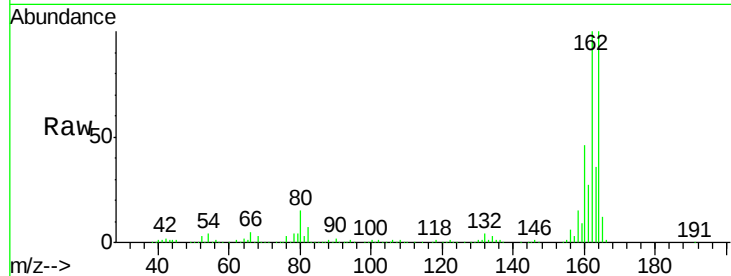




#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.21 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Instrument :
BNA_F
ClientSampleId :

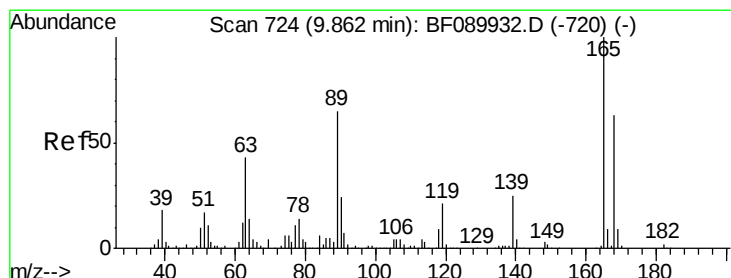
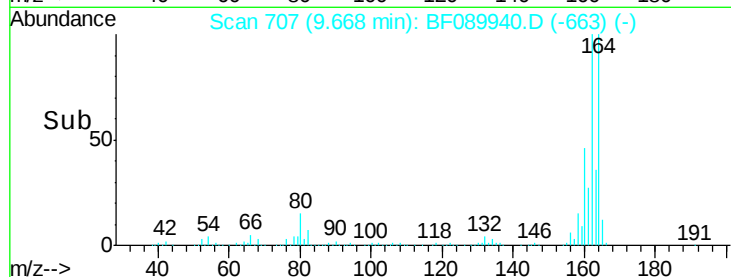
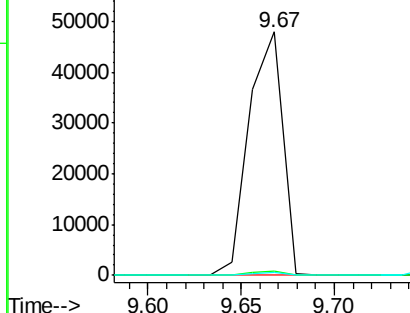
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.3	41.5	62.3#



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: 6.35 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

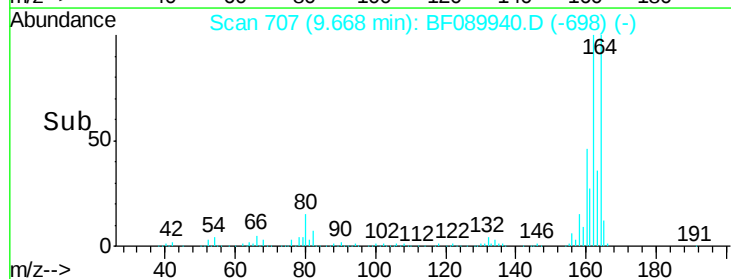
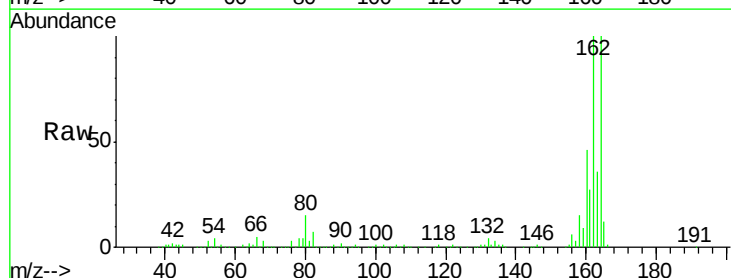
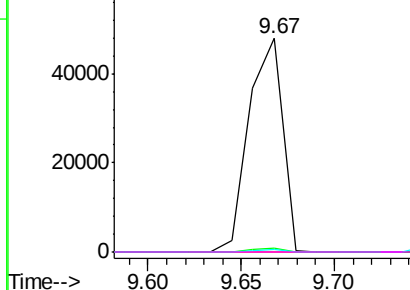
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#

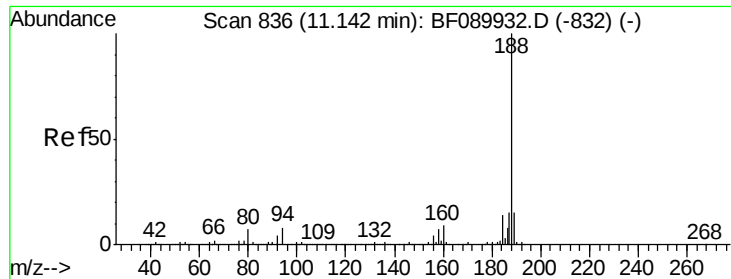
Abundance Ion 165.00 (164.70 to 165.70): E

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

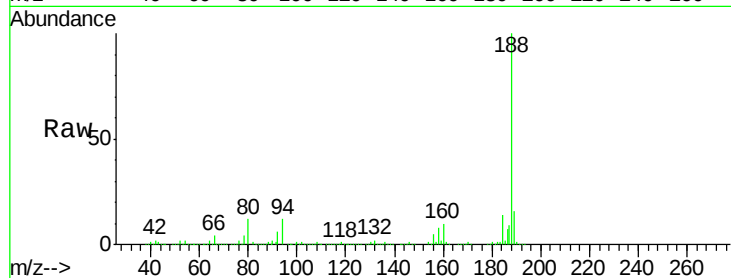




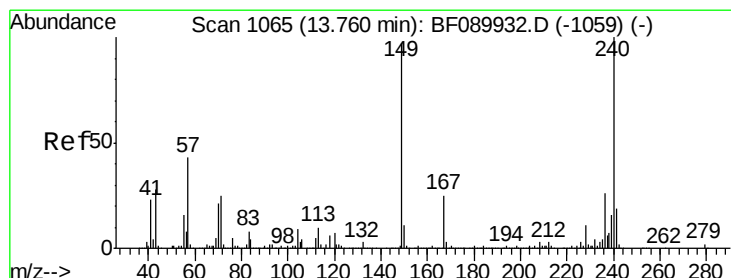
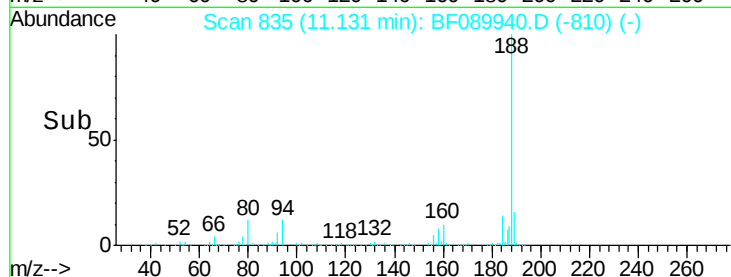
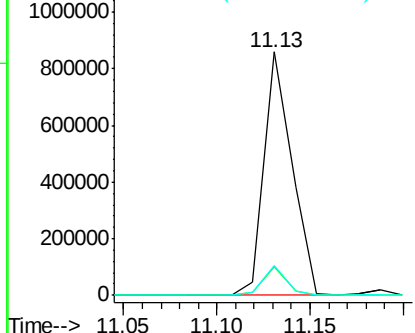
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 890441
Ion Ratio Lower Upper
188 100
94 11.9 5.9 8.9#
80 12.4 5.8 8.8#

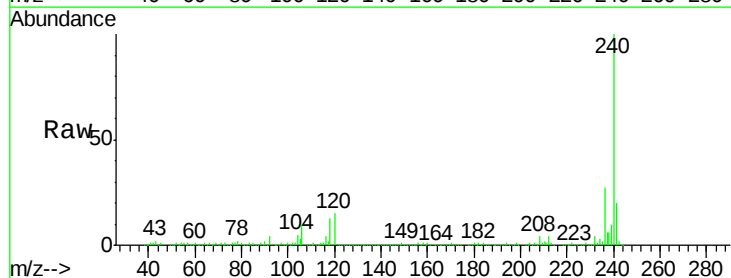


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

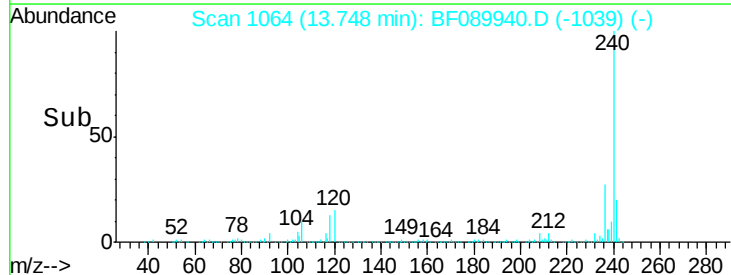
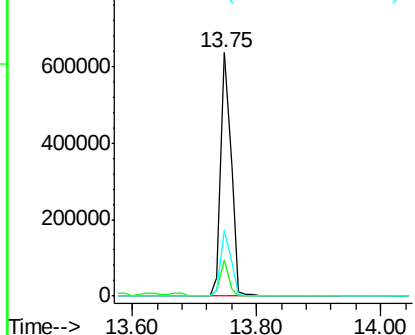


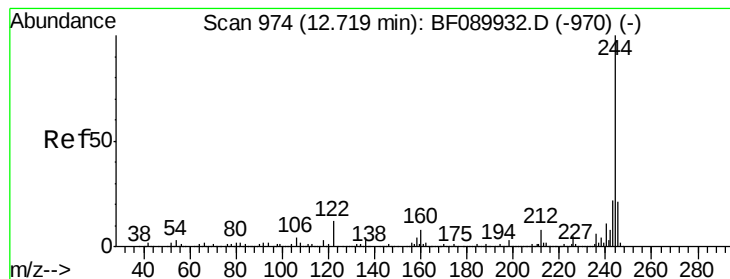
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Tgt Ion:240 Resp: 727004
Ion Ratio Lower Upper
240 100
120 14.9 5.7 8.5#
236 27.0 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: 58.40 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

Instrument :

BNA_F

ClientSampleId :

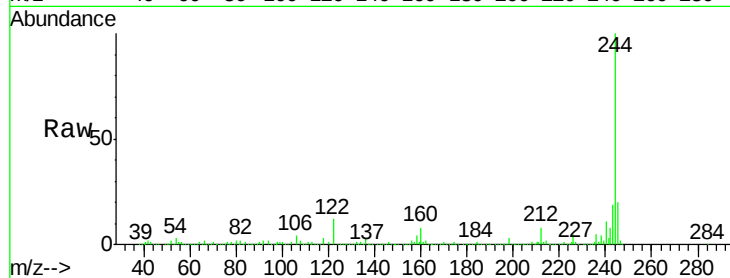
Tot Ion:244 Resp: 1718807

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

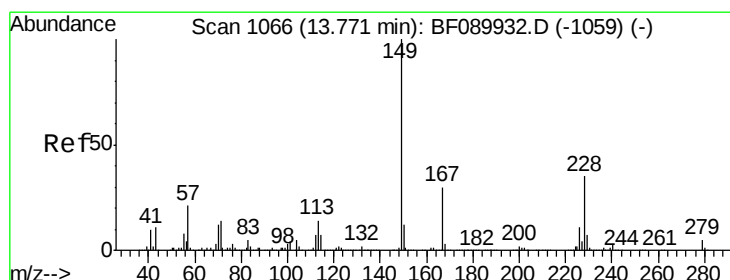
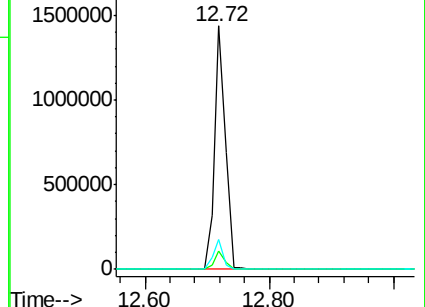
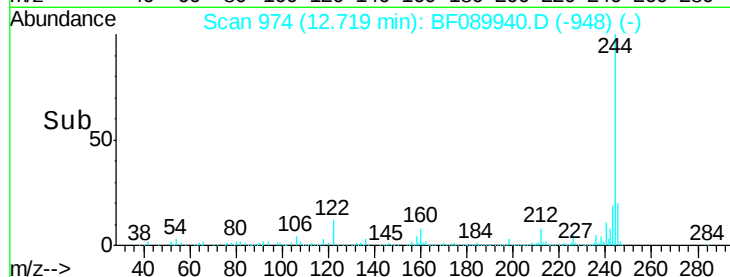
122 12.4 9.6 14.4



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: 178.91 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.09 min

Lab File: BF089940.D

Acq: 31 Aug 2016 10:27

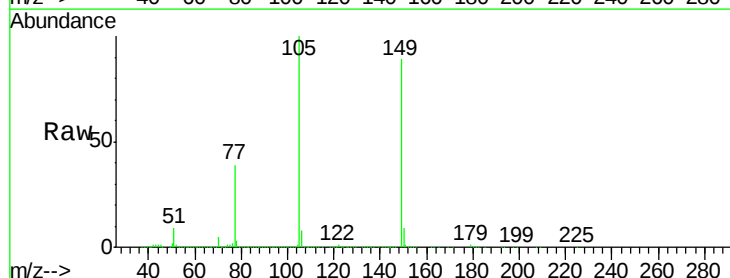
Tgt Ion:149 Resp: 5115452

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

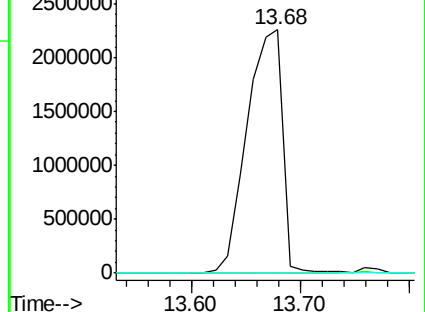
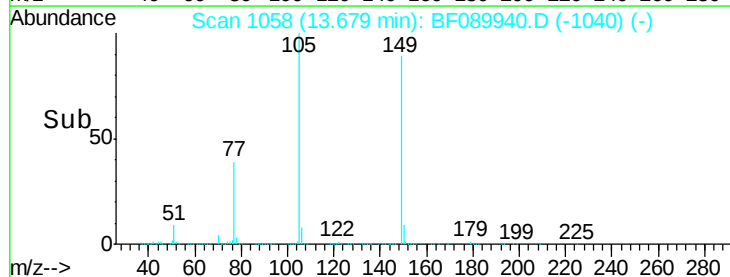
279 0.0 3.4 5.2#

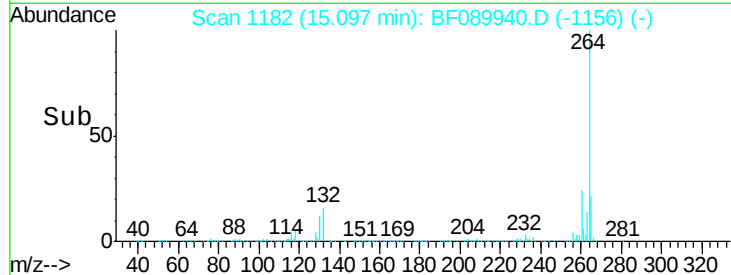
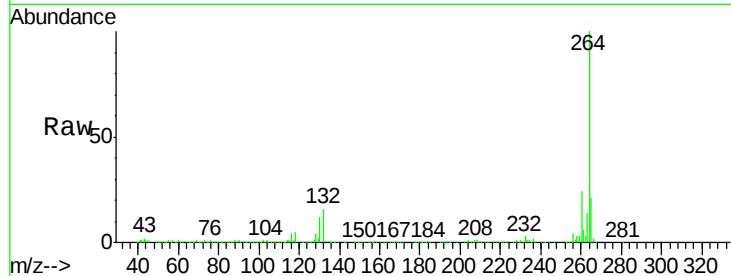
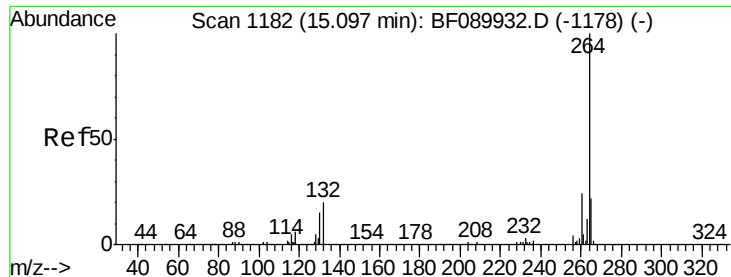


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089940.D
Acq: 31 Aug 2016 10:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	569435
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.4 29.0
265	21.4	17.4 26.2

