

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089118.D
 Acq On : 19 Jul 2016 15:12
 Operator : UM/SJ
 Sample : H4071-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-001

Quant Time: Jul 20 02:13:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	46027	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	200266	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	87078	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	143132	20.00	ng	0.00
75) Chrysene-d12	13.75	240	93958	20.00	ng	-0.01
86) Perylene-d12	15.10	264	84769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	40667	13.24	ng	0.00
7) Phenol-d6	6.27	99	33438	8.43	ng	-0.01
23) Nitrobenzene-d5	7.19	82	190903	49.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	13559	16.77	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	335029	60.77	ng	-0.01
78) Terphenyl-d14	12.71	244	170190	40.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	25785	9.67	ng	# 74
49) Dimethylphthalate	9.38	163	18302	2.95	ng	# 99
50) 2,6-Dinitrotoluene	9.66	165	10856	7.90	ng	# 40
56) 2,4-Dinitrotoluene	9.66	165	10856	6.04	ng	# 38
83) Bis(2-ethylhexyl)phthalate	13.75	149	22232	5.48	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

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Acq: 19 Jul 2016 15:12

Instrument :

BNA_F

ClientSampled :

PO-001

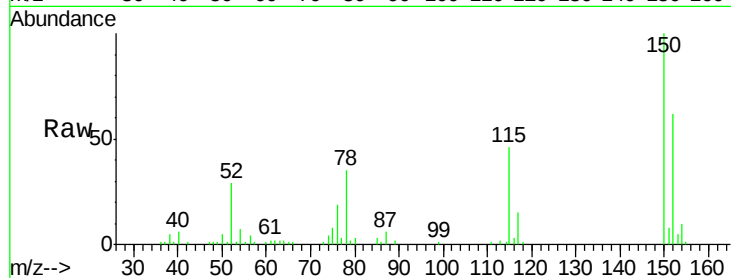
Tgt Ion:152 Resp: 46027

Ion Ratio Lower Upper

152 100

150 160.9 123.8 185.6

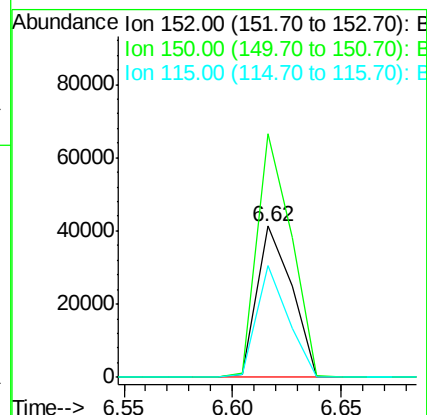
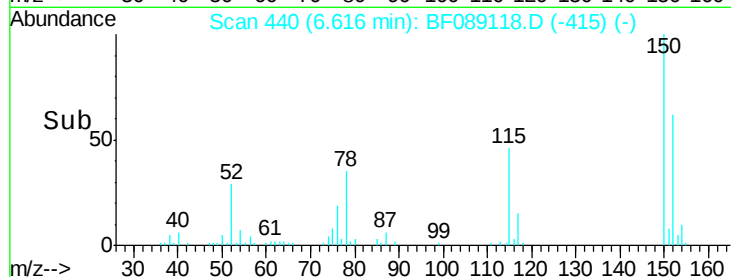
115 73.8 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 13.24 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

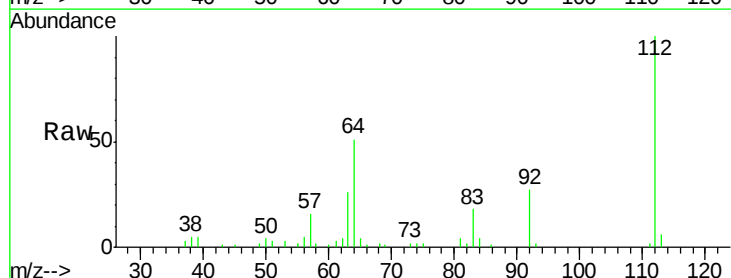
Tgt Ion:112 Resp: 40667

Ion Ratio Lower Upper

112 100

64 51.3 42.2 63.2

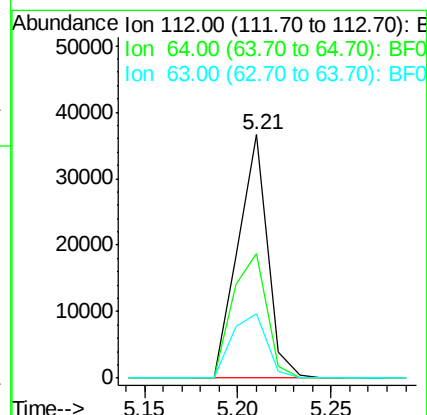
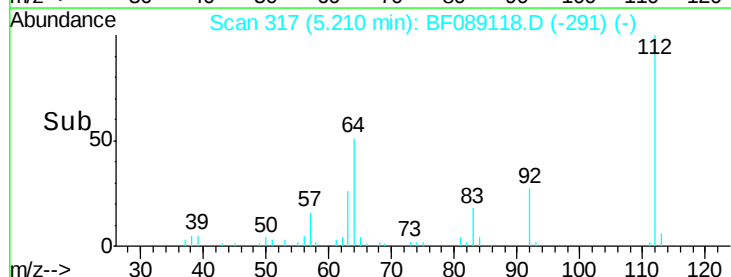
63 26.3 21.8 32.8

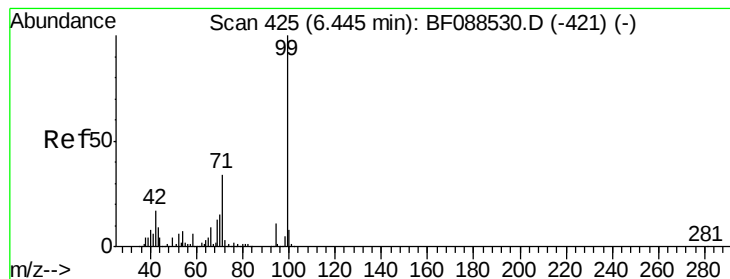


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PO-001

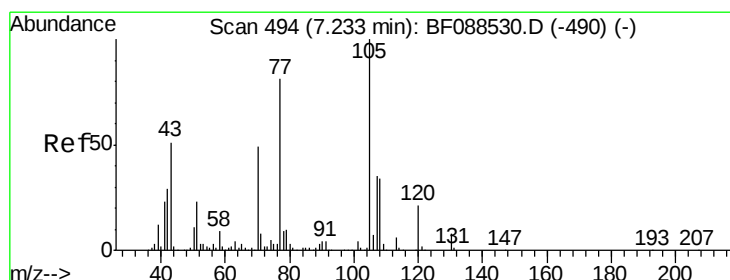
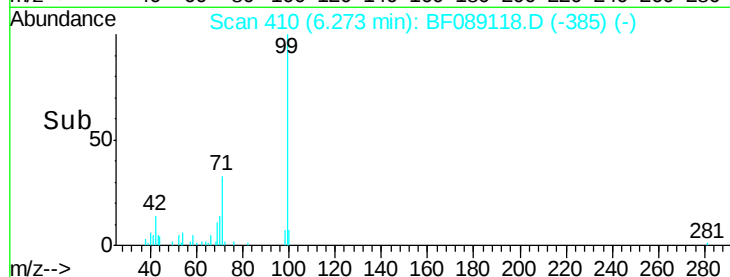
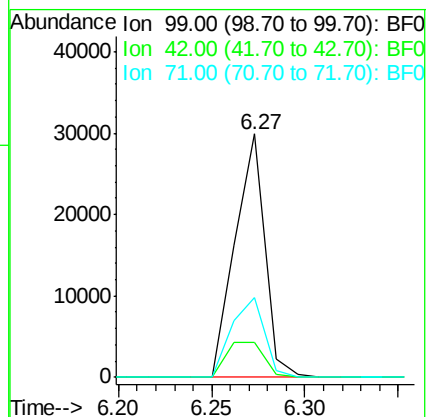
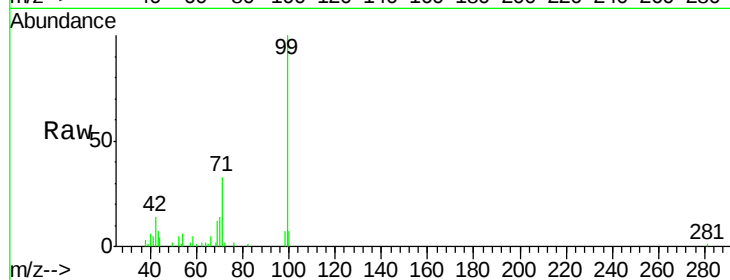
Tgt Ion: 99 Resp: 33438

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

71 32.6 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.67 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.14 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

Tgt Ion: 70 Resp: 25785

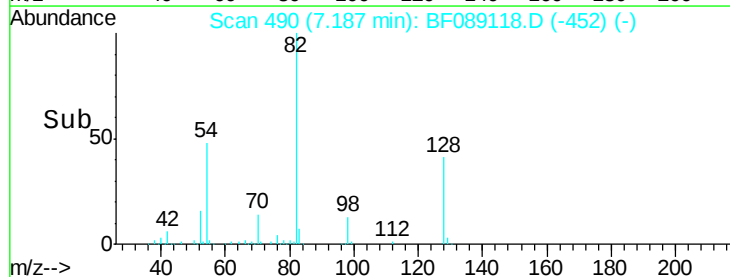
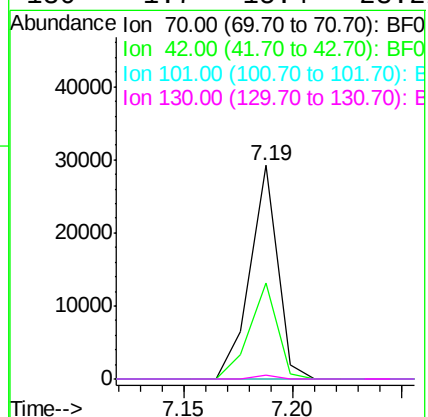
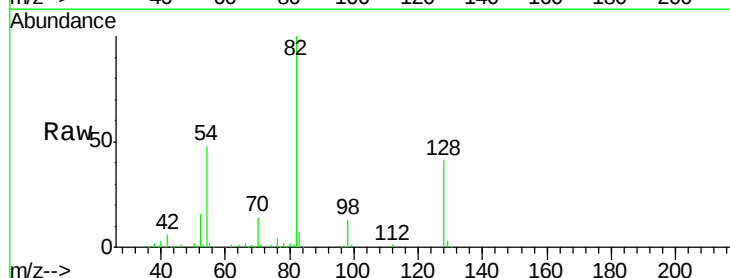
Ion Ratio Lower Upper

70 100

42 44.9 49.6 74.4#

101 0.0 7.1 10.7#

130 1.7 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PO-001

Tgt Ion: 136 Resp: 200266

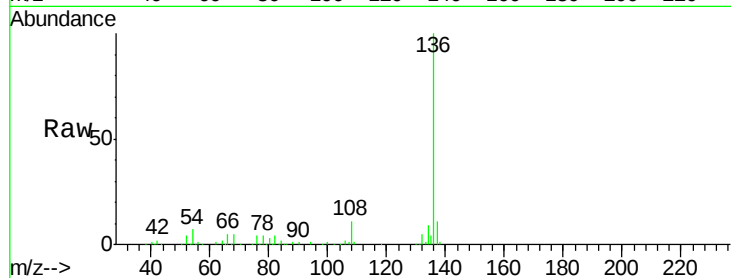
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.8 6.6 10.0

68 5.4 5.1 7.7

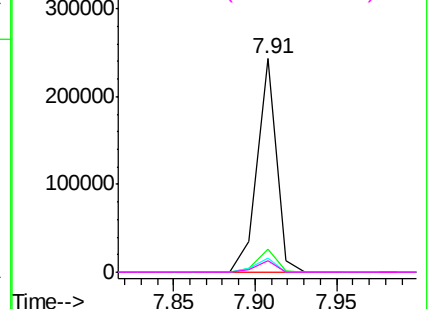
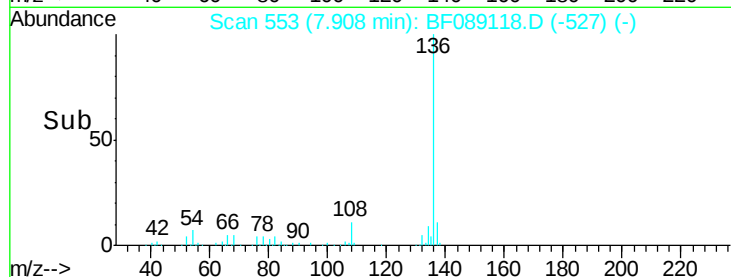


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.95 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

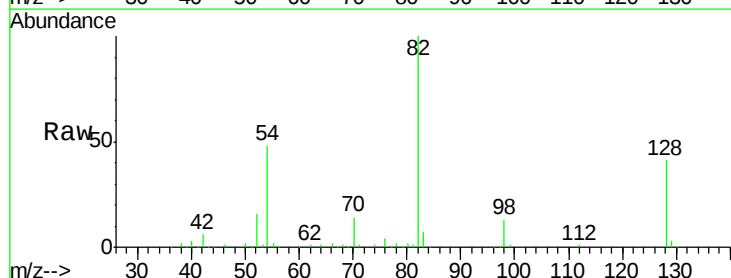
Tgt Ion: 82 Resp: 190903

Ion Ratio Lower Upper

82 100

128 40.7 35.9 53.9

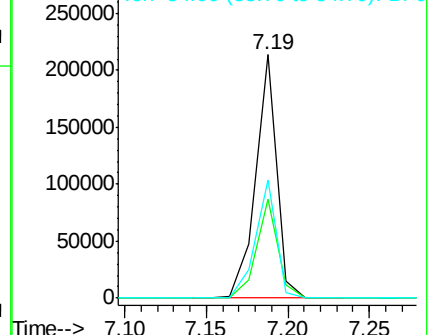
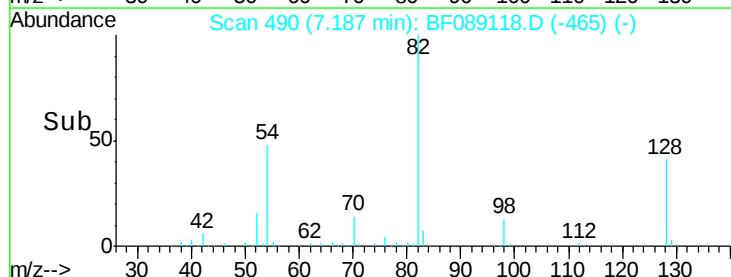
54 48.3 40.9 61.3

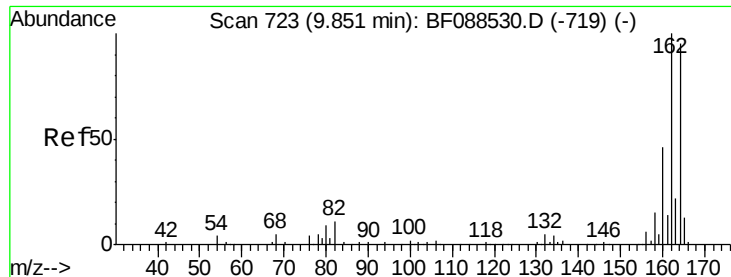


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PO-001

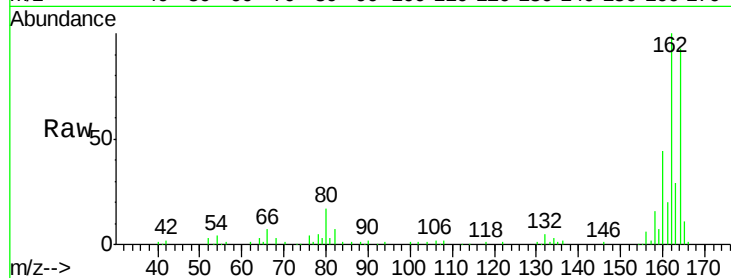
Tgt Ion:164 Resp: 87078

Ion Ratio Lower Upper

164 100

162 107.2 85.4 128.2

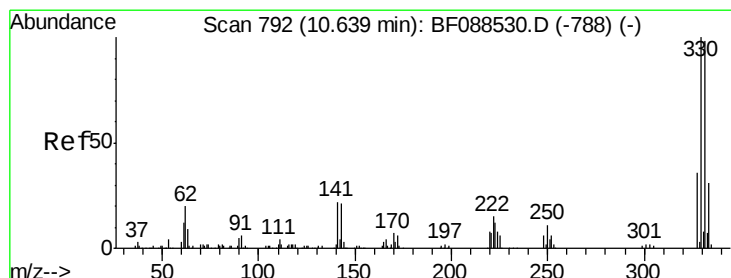
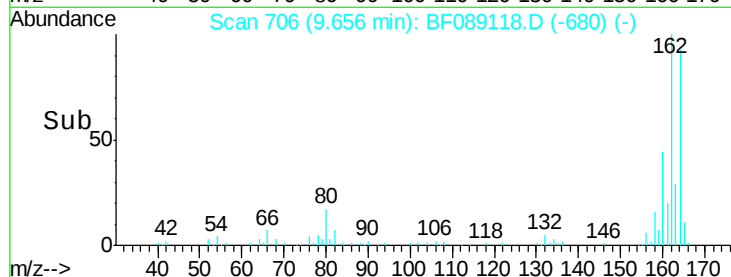
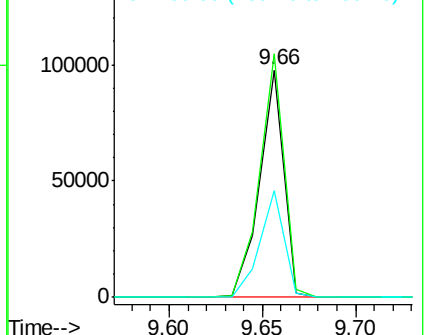
160 47.2 39.5 59.3



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: 16.77 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

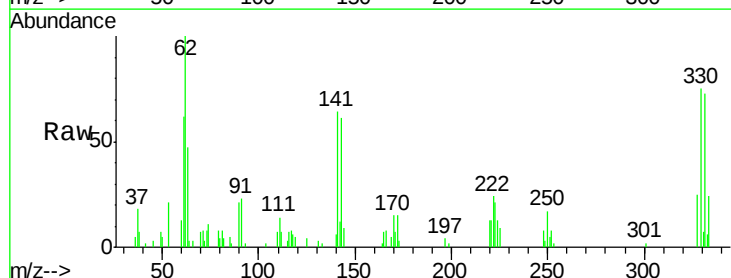
Tgt Ion:330 Resp: 13559

Ion Ratio Lower Upper

330 100

332 99.5 0.0 0.0#

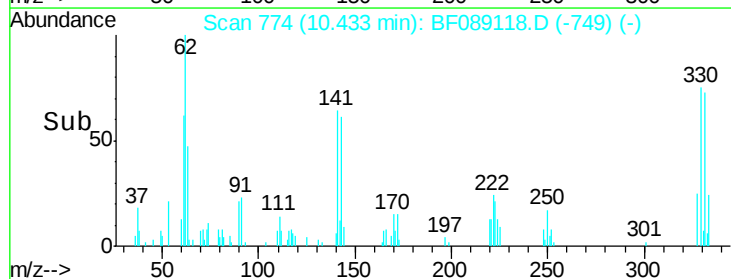
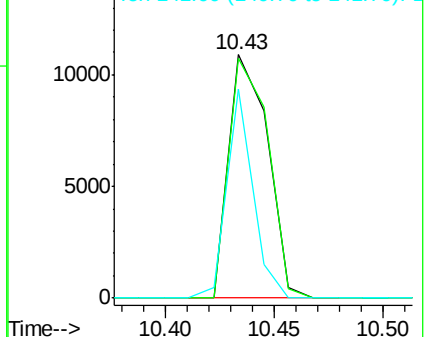
141 57.7 0.0 0.0#



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

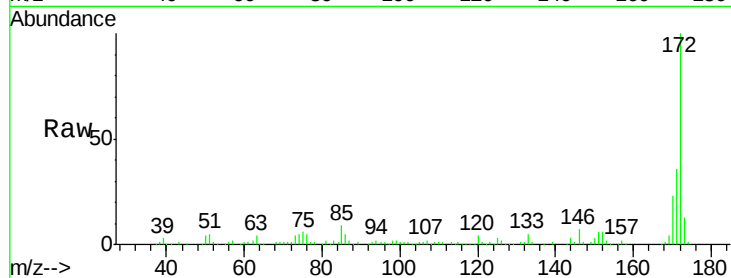




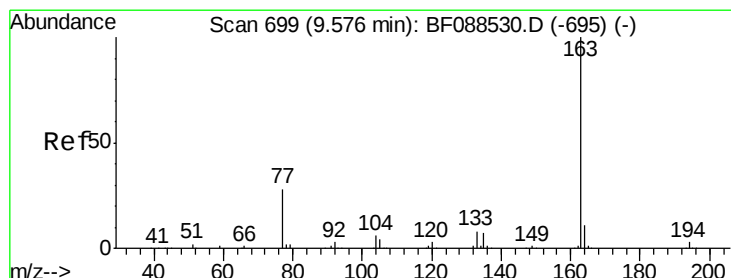
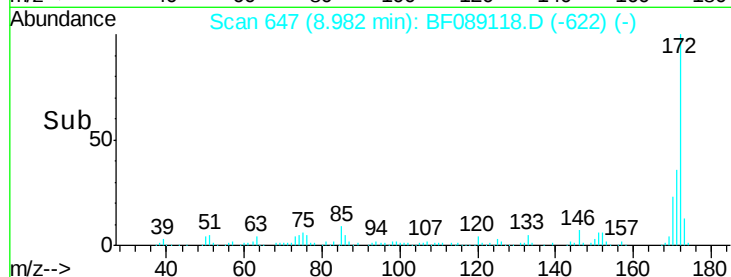
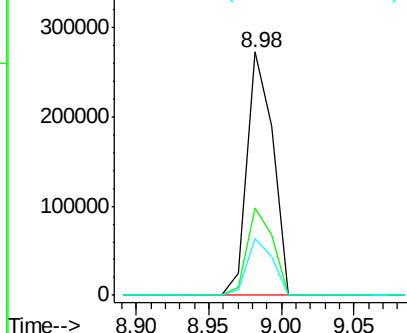
#44
 2-Fluorobiphenyl
 Concen: 60.77 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089118.D
 Acq: 19 Jul 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PO-001

Tgt Ion:172 Resp: 335029
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.5 19.2 28.8

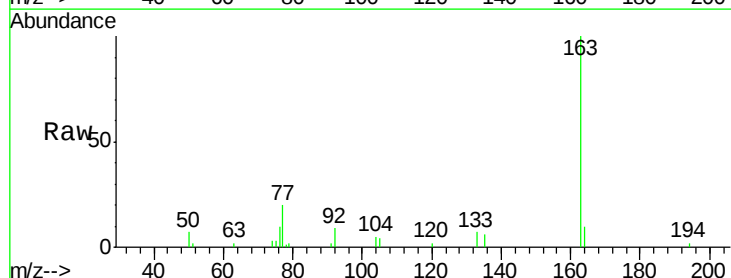


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

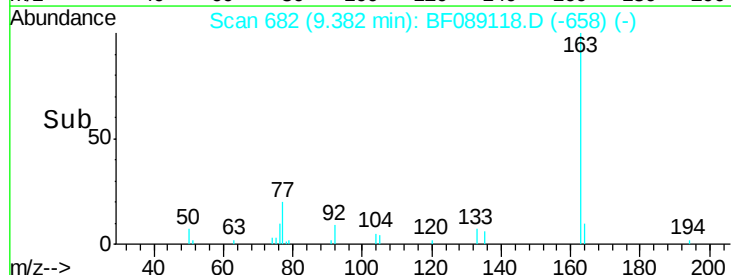
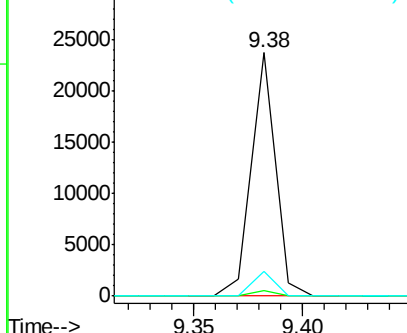


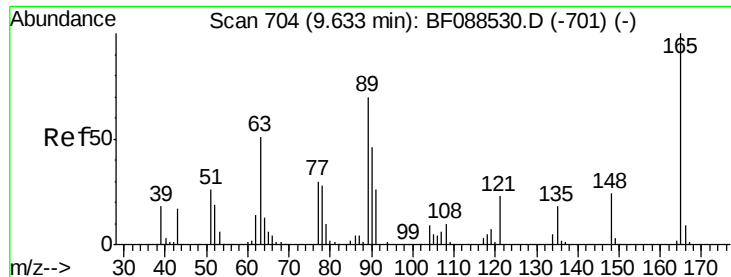
#49
 Dimethylphthalate
 Concen: 2.95 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF089118.D
 Acq: 19 Jul 2016 15:12

Tgt Ion:163 Resp: 18302
 Ion Ratio Lower Upper
 163 100
 194 2.1 2.8 4.2#
 164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

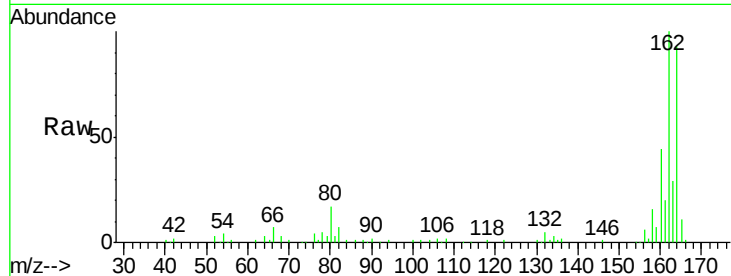




#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.19 min
 Lab File: BF089118.D
 Acq: 19 Jul 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PO-001

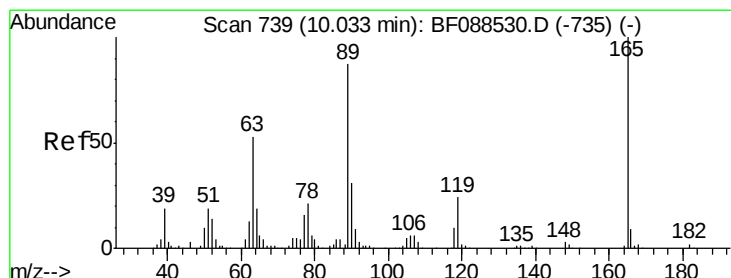
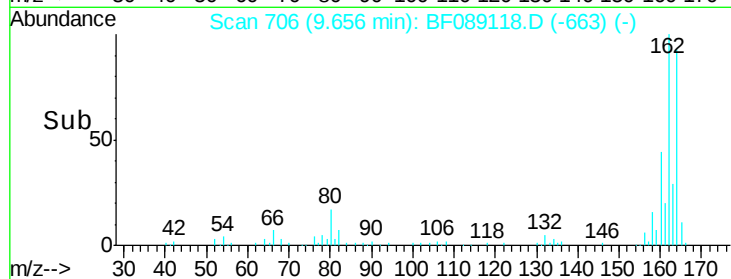
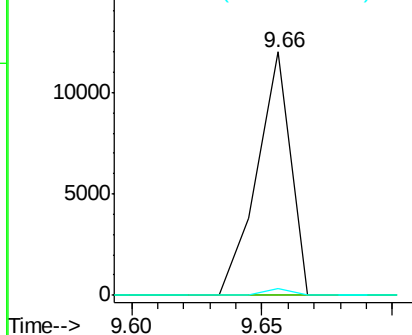
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	2.8	32.2	48.2#



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: 6.04 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.21 min
 Lab File: BF089118.D
 Acq: 19 Jul 2016 15:12

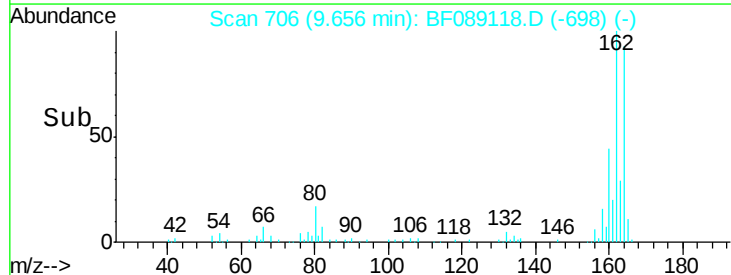
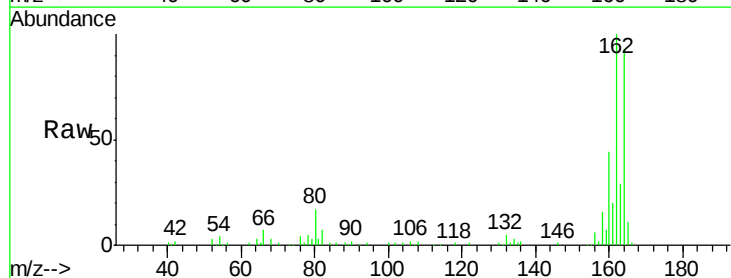
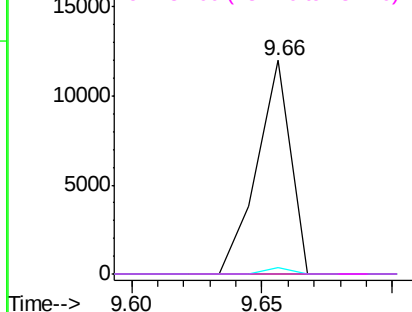
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.8	41.1	61.7#
182	0.0	2.0	3.0#

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

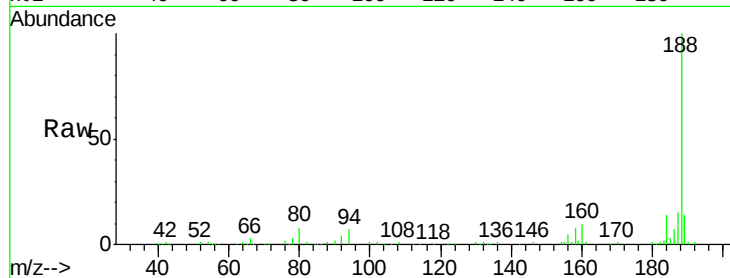




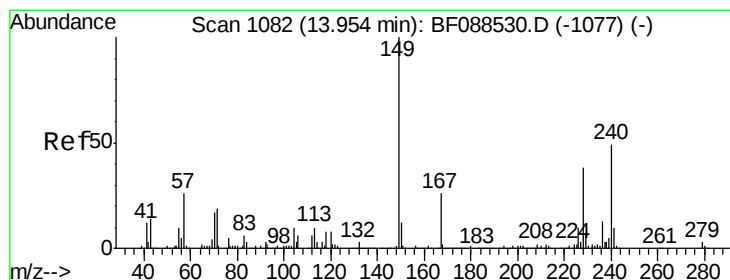
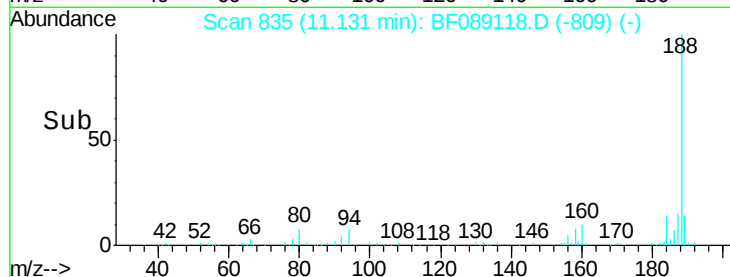
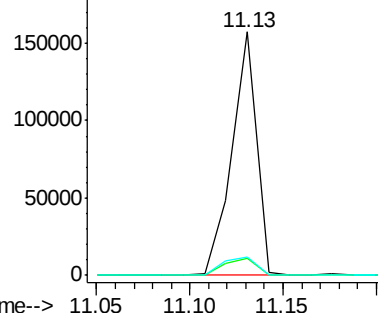
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089118.D
Acq: 19 Jul 2016 15:12

Instrument :
BNA_F
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PO-001

Tgt Ion:188 Resp: 143132
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.8 10.0 15.0#

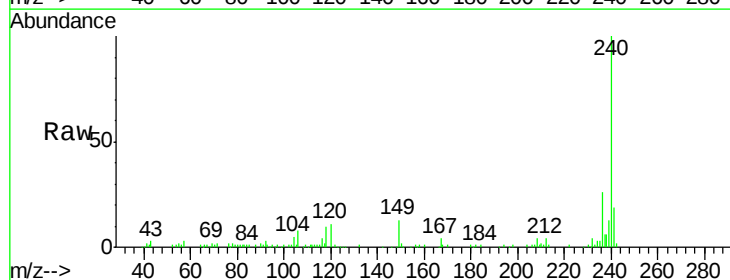


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

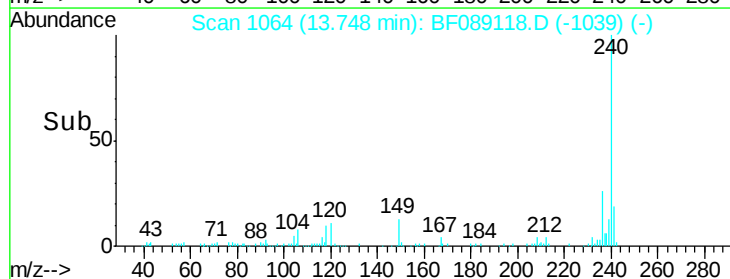
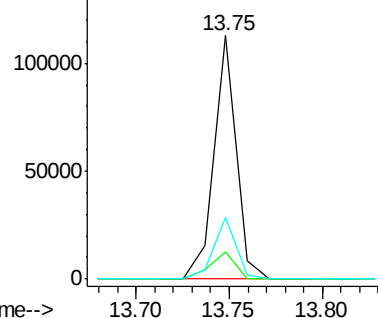


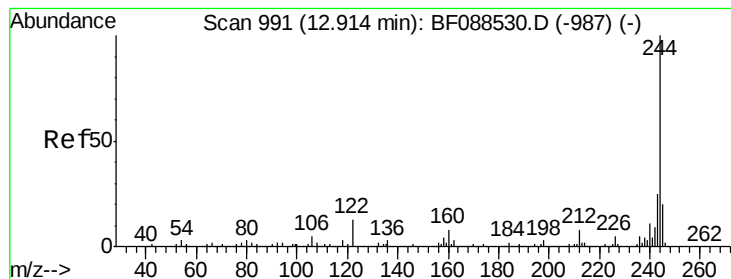
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089118.D
Acq: 19 Jul 2016 15:12

Tgt Ion:240 Resp: 93958
Ion Ratio Lower Upper
240 100
120 11.1 6.8 10.2#
236 25.6 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: 40.34 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

Instrument :

BNA_F

ClientSampled :

PO-001

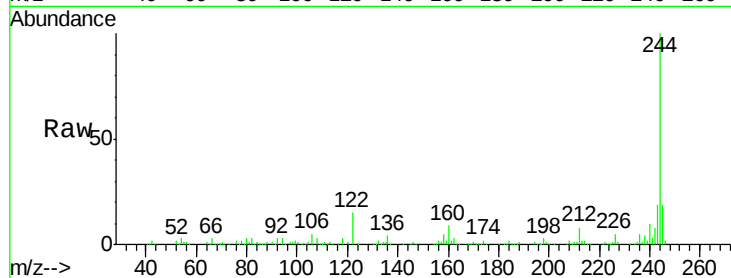
Tgt Ion:244 Resp: 170190

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

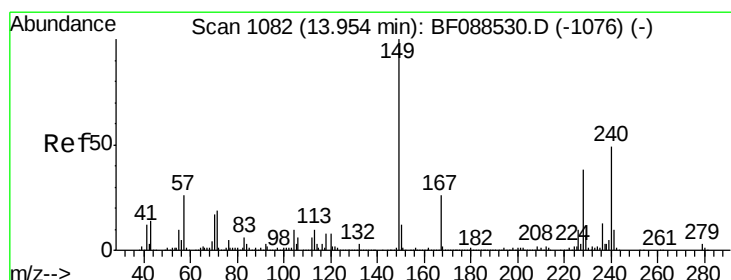
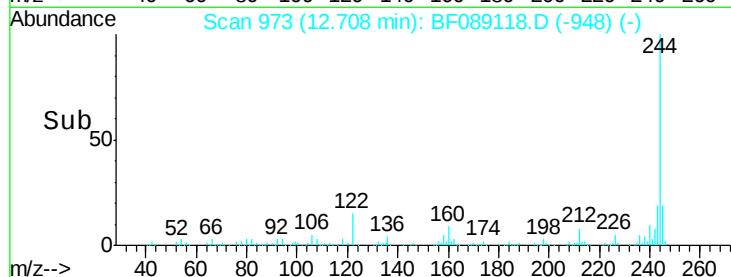
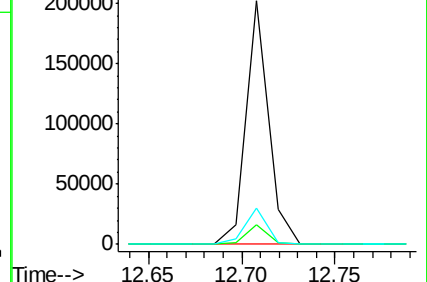
122 14.7 11.2 16.8



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: 5.48 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089118.D

Acq: 19 Jul 2016 15:12

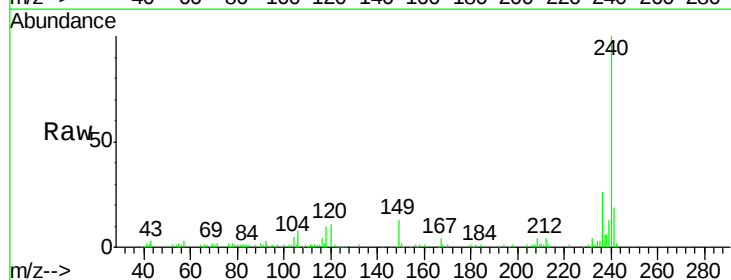
Tgt Ion:149 Resp: 22232

Ion Ratio Lower Upper

149 100

167 28.1 20.5 30.7

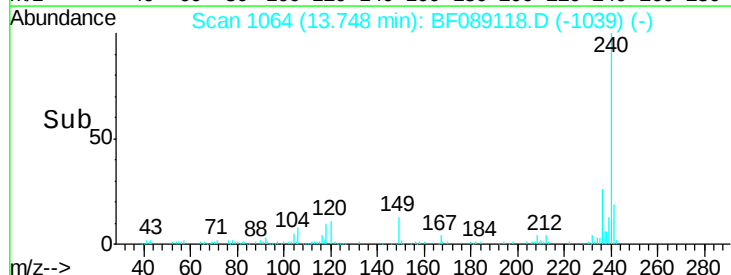
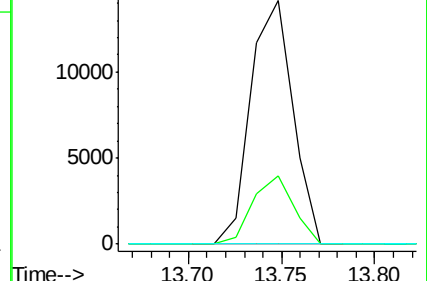
279 0.0 2.0 3.0#

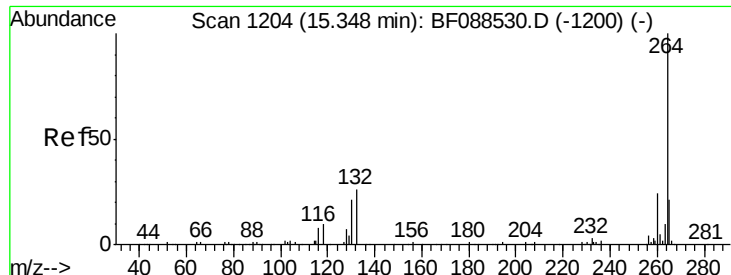


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

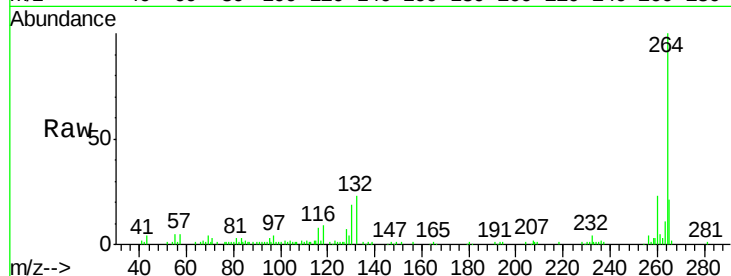




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF089118.D
Acq: 19 Jul 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PO-001

Tgt Ion: 264 Resp: 84769
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 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

