

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089076.D
 Acq On : 17 Jul 2016 14:12
 Operator : UM/SJ
 Sample : H4046-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 03:15:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	54542	20.00	ng	-0.06
21) Naphthalene-d8	7.94	136	250806	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	114366	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	200549	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	117260	20.00	ng	-0.07
86) Perylene-d12	15.14	264	106319	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	410684	112.85	ng	-0.03
7) Phenol-d6	6.31	99	483819	102.89	ng	-0.05
23) Nitrobenzene-d5	7.22	82	304310	63.58	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	103882	97.82	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	573395	79.19	ng	-0.06
78) Terphenyl-d14	12.74	244	409628	77.81	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	42365	13.41	ng	# 73
25) Isophorone	7.22	82	230226	25.97	ng	# 65
49) Dimethylphthalate	9.42	163	137392	16.86	ng	99
56) 2,4-Dinitrotoluene	9.69	165	14403	6.10	ng	# 37
66) 4-Bromophenyl-phenylether	10.48	248	8169	4.04	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

Instrument :

BNA_F

ClientSampleId :

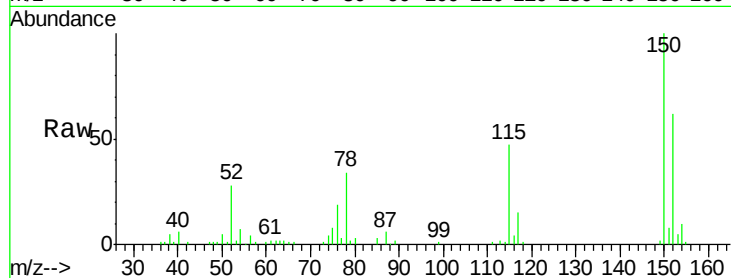
Tot Ion:152 Resp: 54542

Ion Ratio Lower Upper

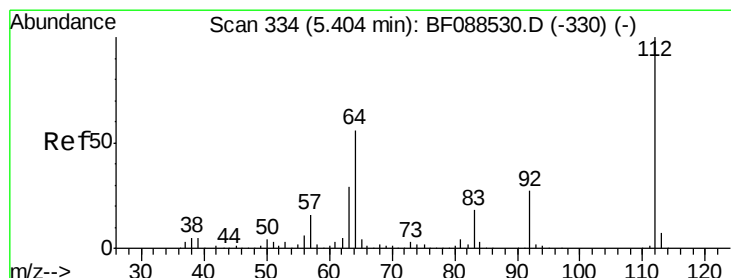
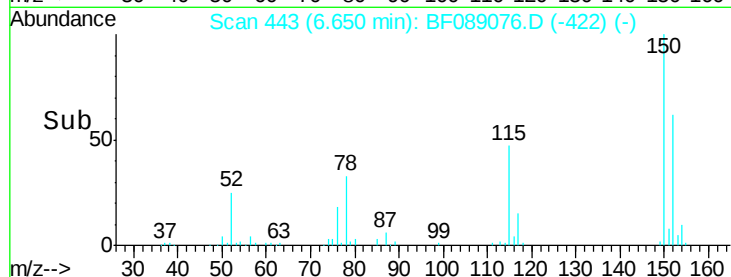
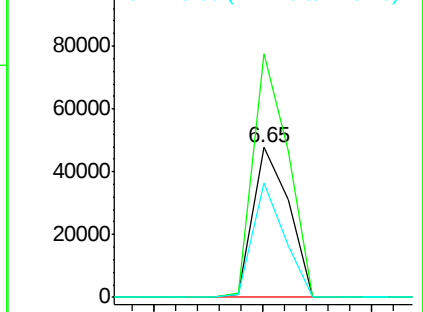
152 100

150 162.5 123.8 185.6

115 76.4 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: 112.85 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

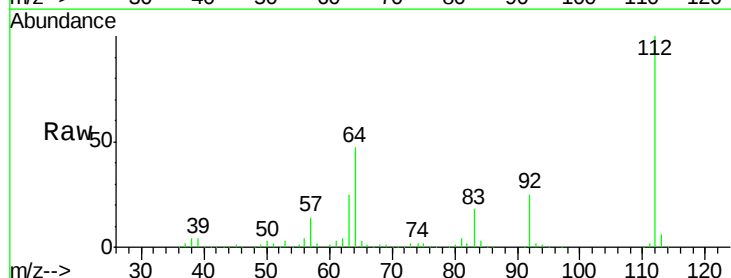
Tgt Ion:112 Resp: 410684

Ion Ratio Lower Upper

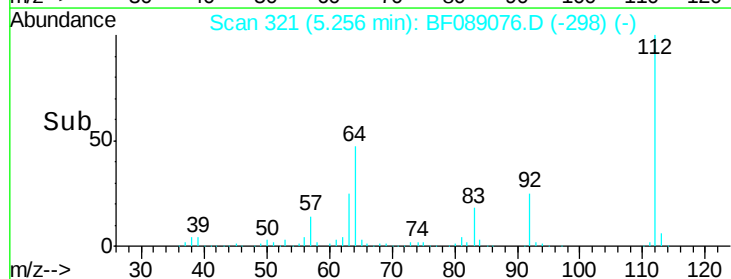
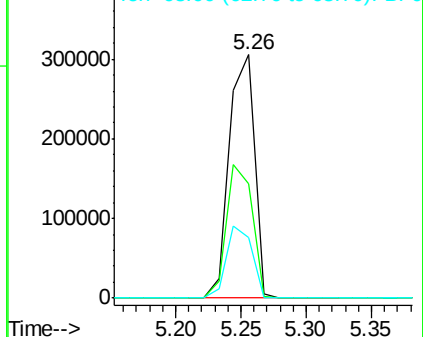
112 100

64 47.2 42.2 63.2

63 25.0 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: 102.89 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

Instrument :

BNA_F

ClientSampleId :

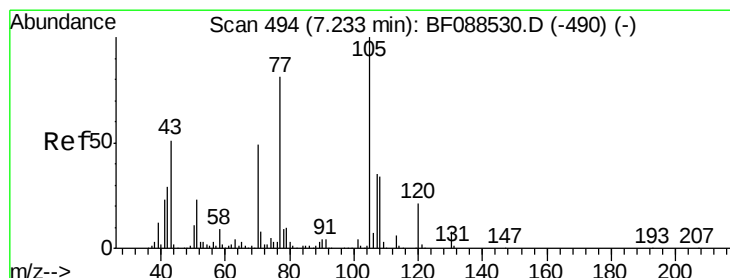
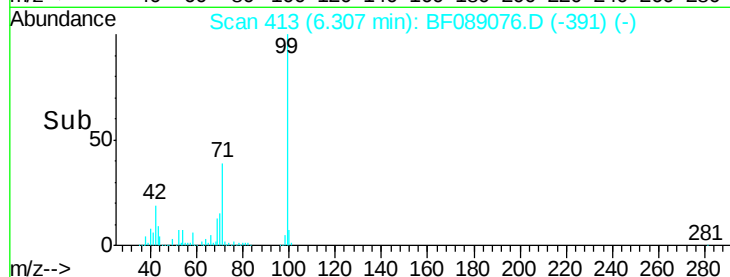
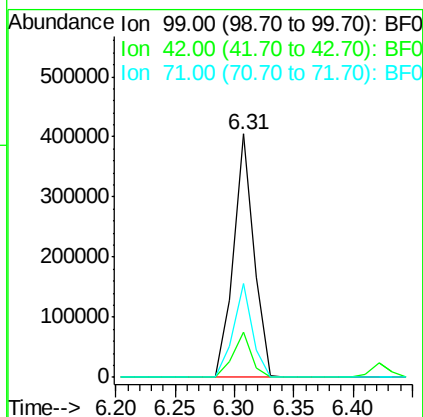
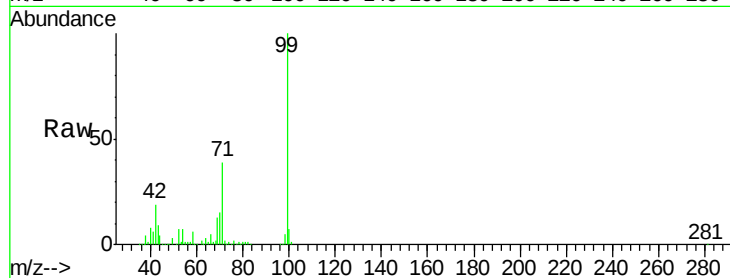
Tot Ion: 99 Resp: 483819

Ion Ratio Lower Upper

99 100

42 18.8 12.2 18.2#

71 38.6 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.41 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.08 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

Tgt Ion: 70 Resp: 42365

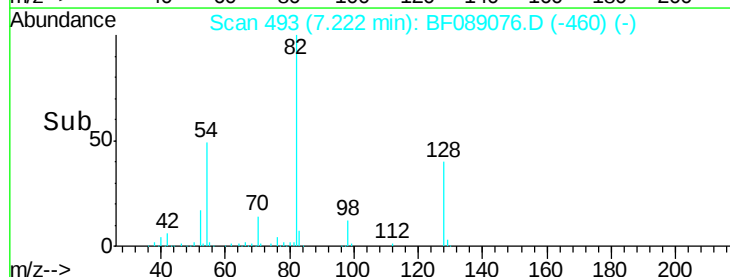
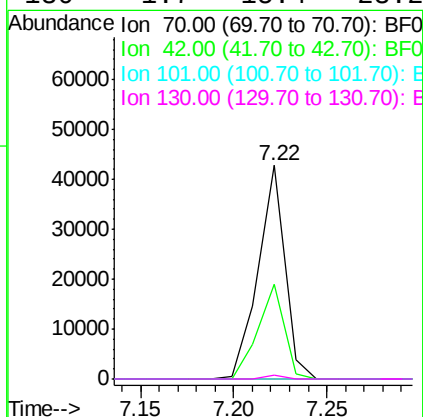
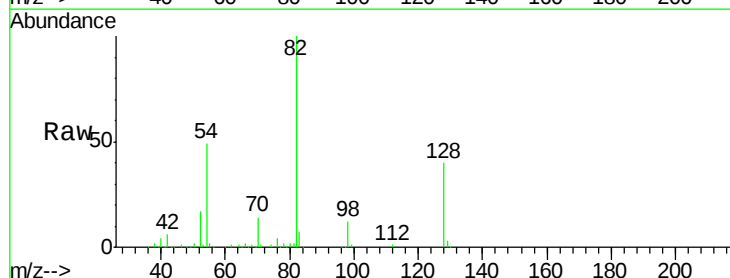
Ion Ratio Lower Upper

70 100

42 44.1 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: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 250806

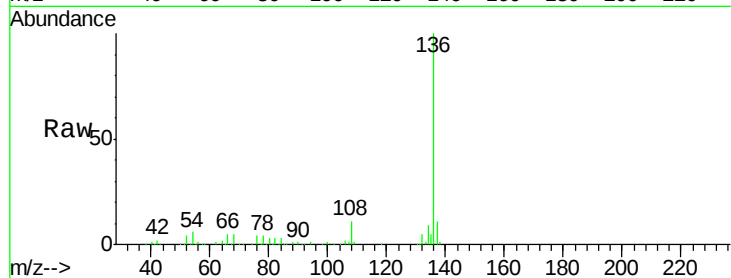
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.4 6.6 10.0#

68 5.3 5.1 7.7

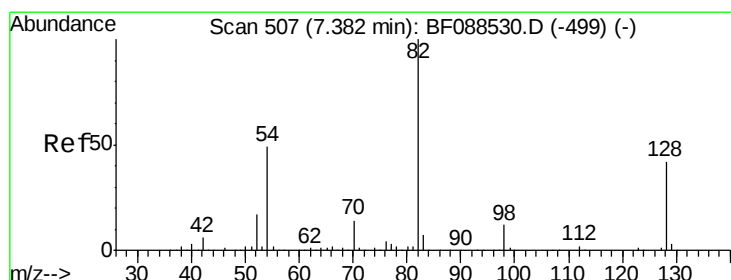
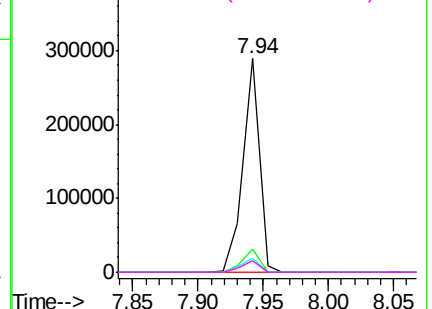
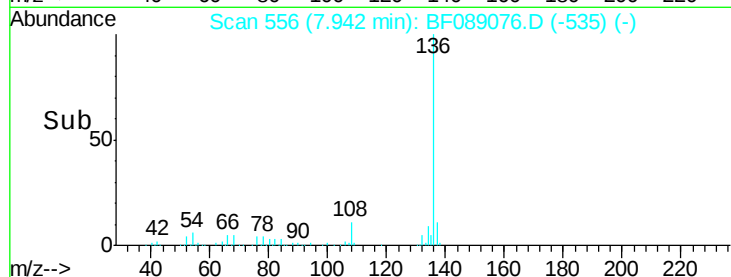


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.58 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.06 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

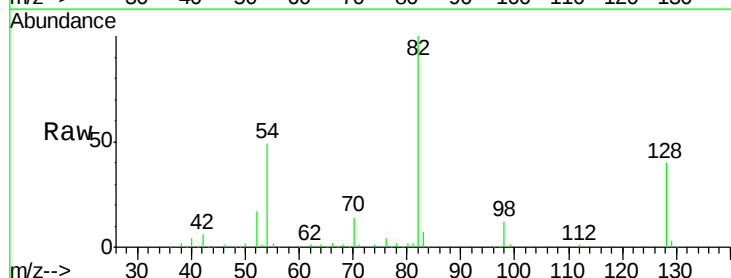
Tgt Ion: 82 Resp: 304310

Ion Ratio Lower Upper

82 100

128 40.4 35.9 53.9

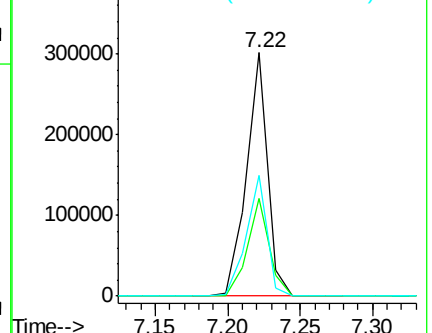
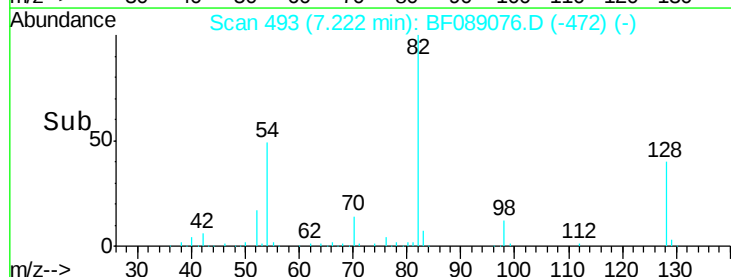
54 49.5 40.9 61.3

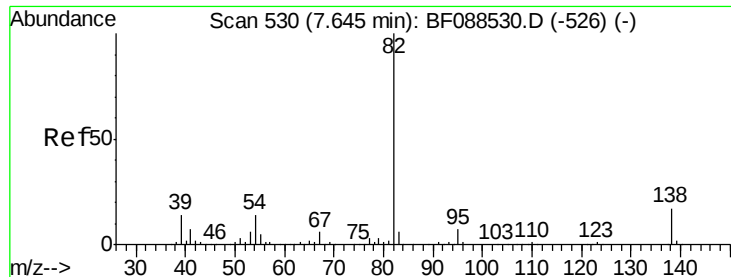


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.97 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.32 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

Instrument :

BNA_F

ClientSampleId :

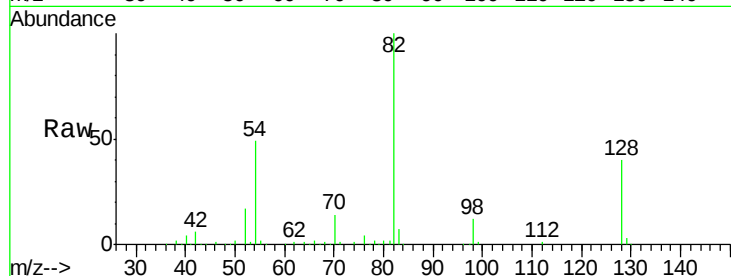
Tot Ion: 82 Resp: 230226

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

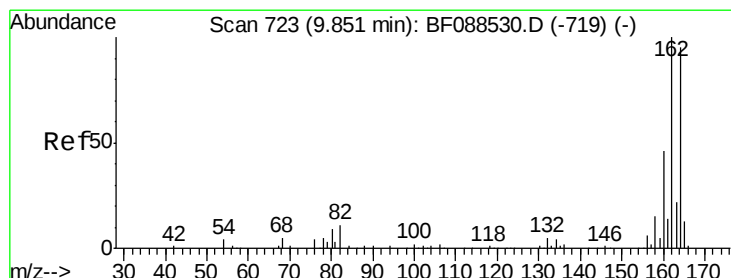
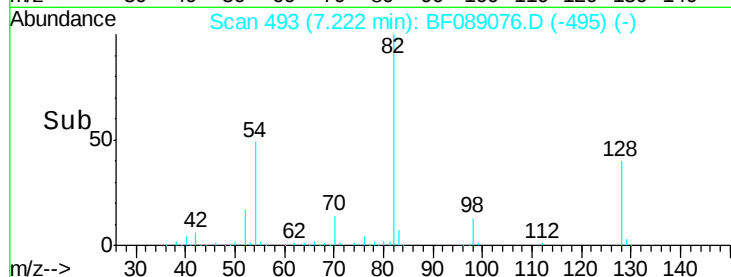
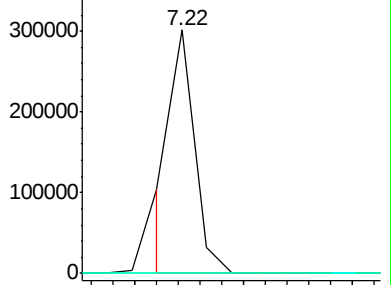
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088530.D (-526) (-)

Ion 95.00 (94.70 to 95.70): BF088530.D (-526) (-)

Ion 138.00 (137.70 to 138.70): BF088530.D (-526) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.06 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

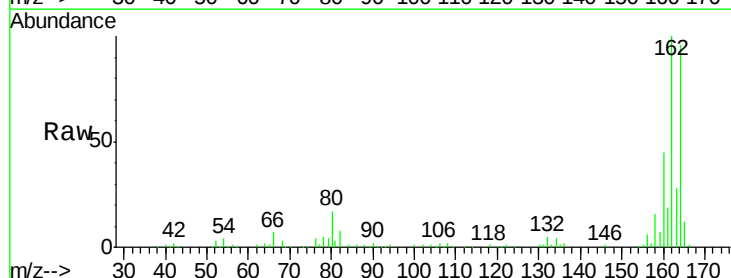
Tgt Ion: 164 Resp: 114366

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

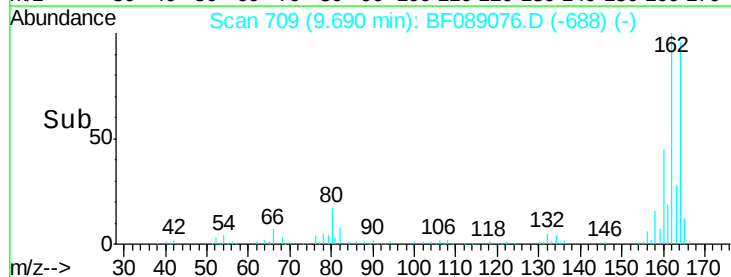
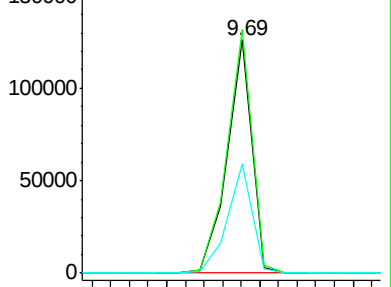
160 46.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BF088530.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BF088530.D (-719) (-)

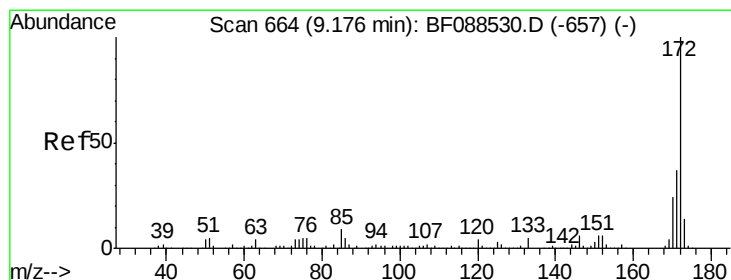
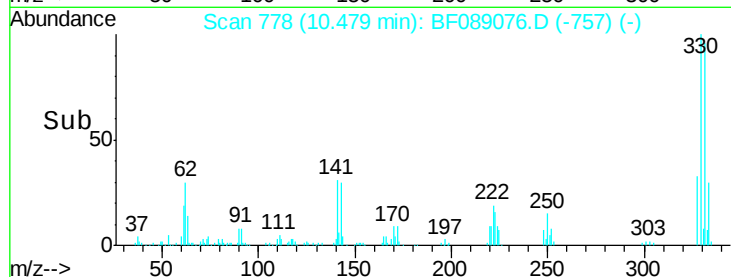
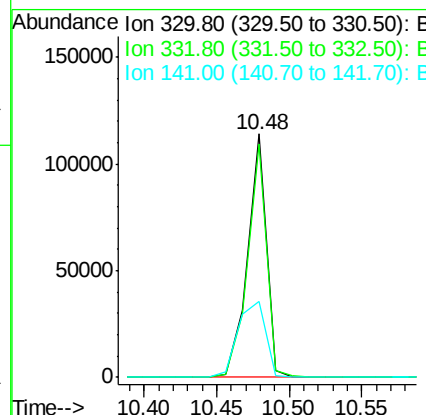
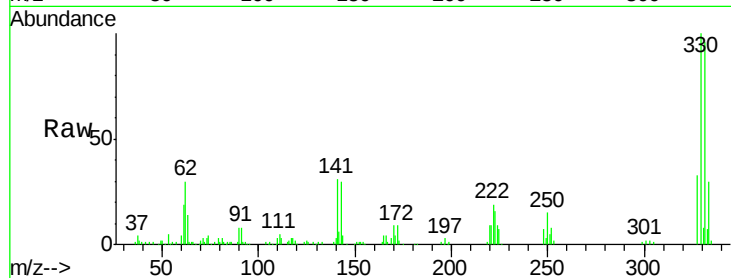




#41
 2,4,6-Tribromophenol
 Concen: 97.82 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089076.D
 Acq: 17 Jul 2016 14:12

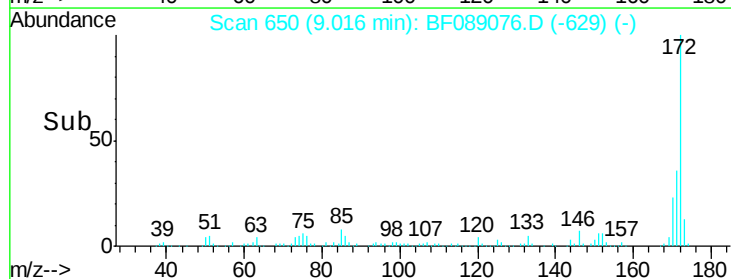
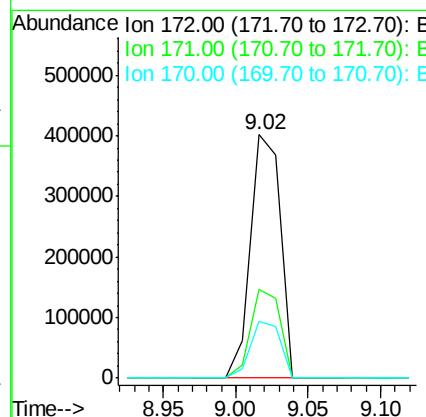
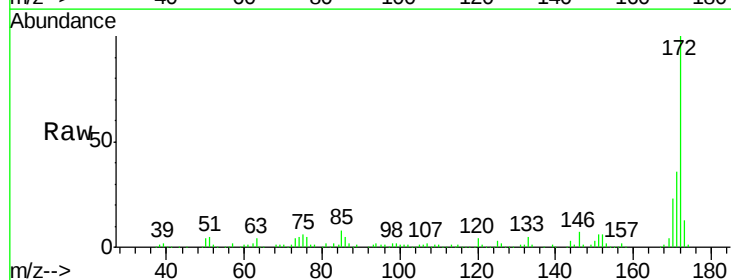
Instrument :
 BNA_F
 ClientSampleId :

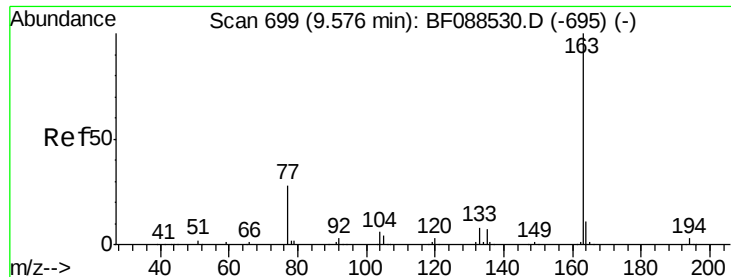
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	45.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.19 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF089076.D
 Acq: 17 Jul 2016 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.4	19.2	28.8

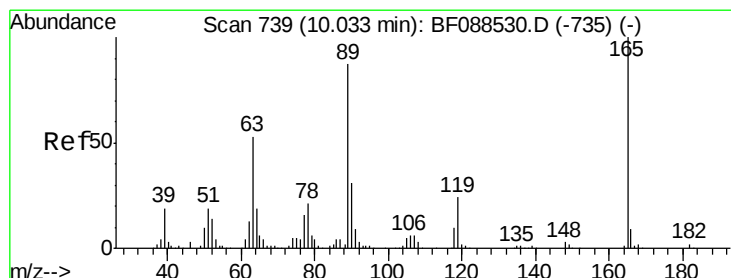
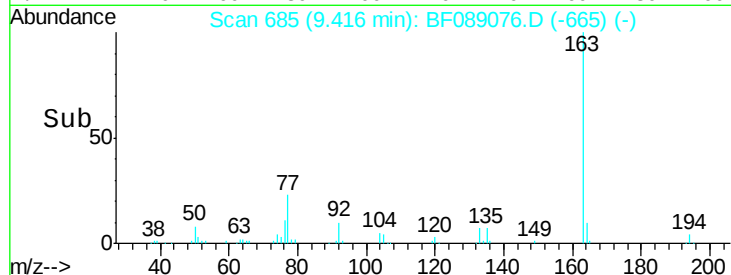
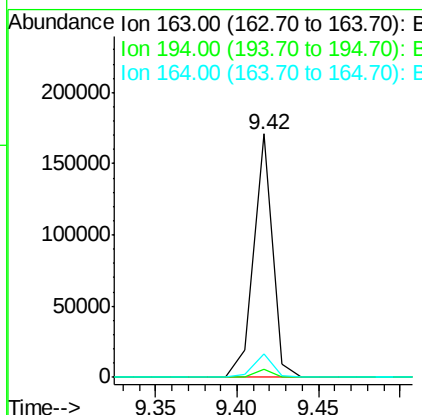
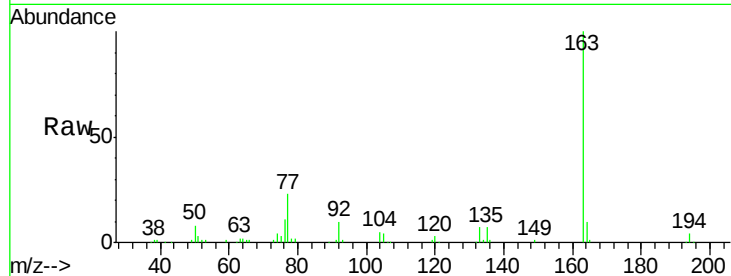




#49
Dimethylphthalate
Concen: 16.86 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.07 min
Lab File: BF089076.D
Acq: 17 Jul 2016 14:12

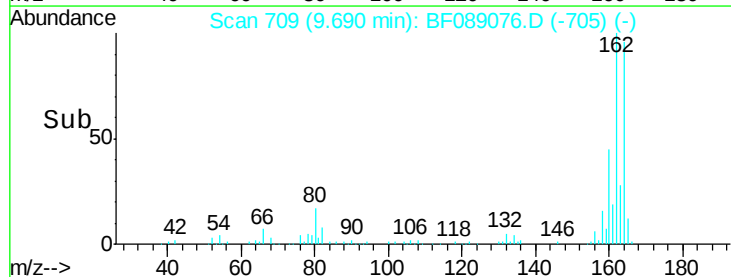
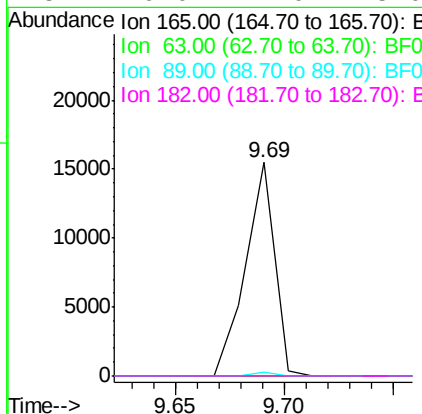
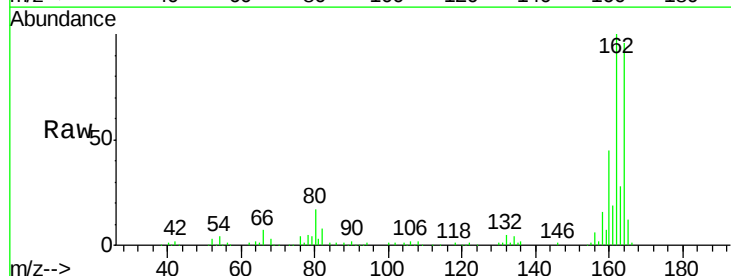
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 137392
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.25 min
Lab File: BF089076.D
Acq: 17 Jul 2016 14:12

Tgt Ion:165 Resp: 14403
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 2.0 41.1 61.7#
182 0.0 2.0 3.0#

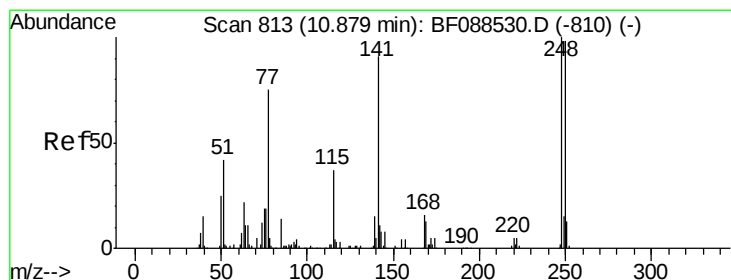
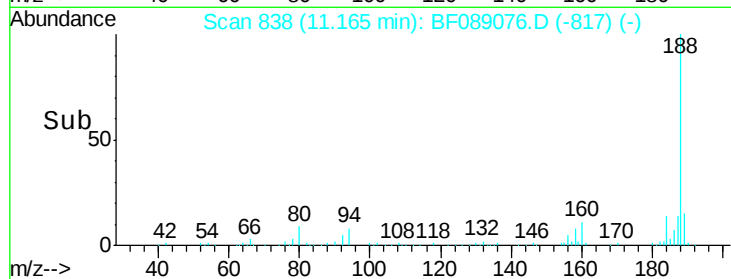
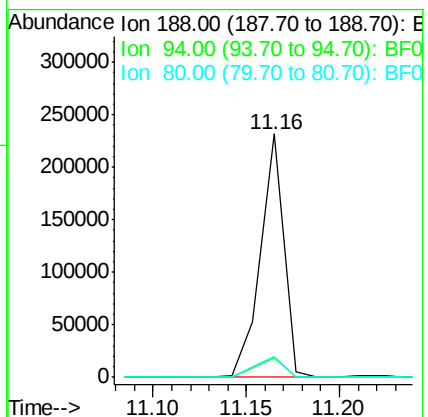
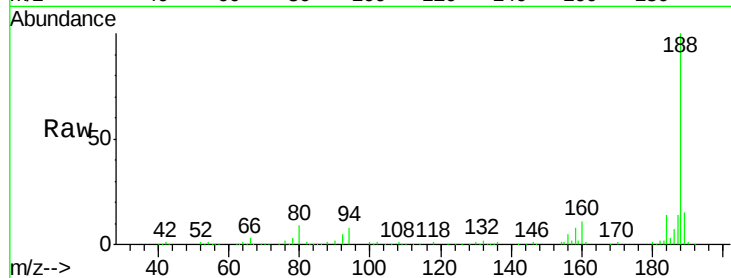




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.06 min
Lab File: BF089076.D
Acq: 17 Jul 2016 14:12

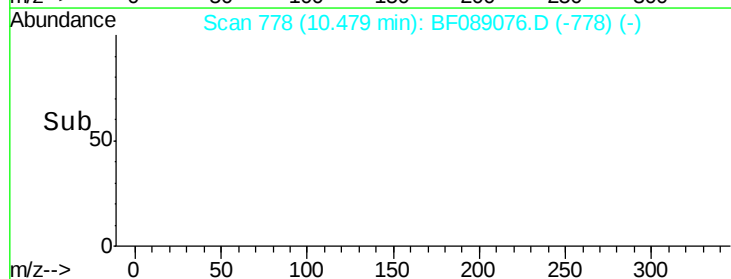
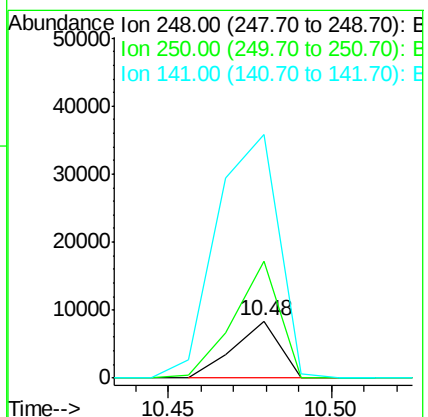
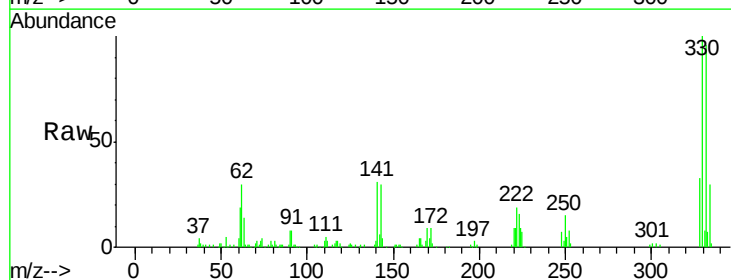
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 200549
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.6#
80 8.8 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.30 min
Lab File: BF089076.D
Acq: 17 Jul 2016 14:12

Tgt Ion:248 Resp: 8169
Ion Ratio Lower Upper
248 100
250 204.5 77.1 115.7#
141 425.2 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.07 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

Instrument :

BNA_F

ClientSampleId :

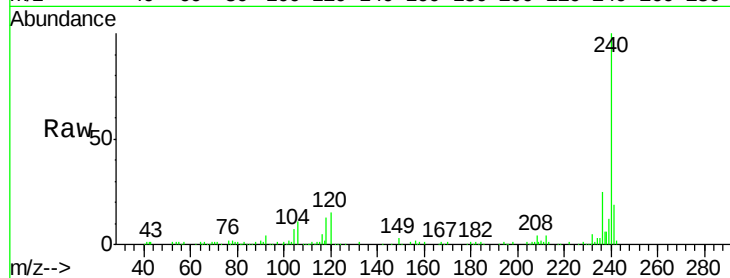
Tot Ion:240 Resp: 117260

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

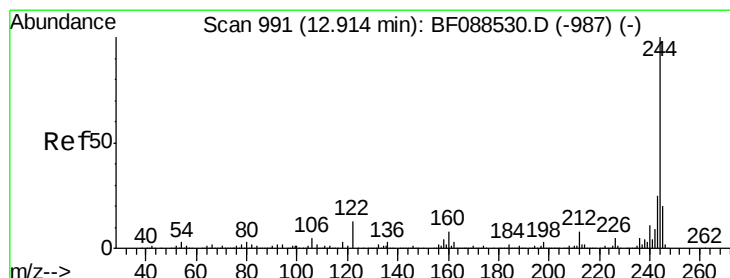
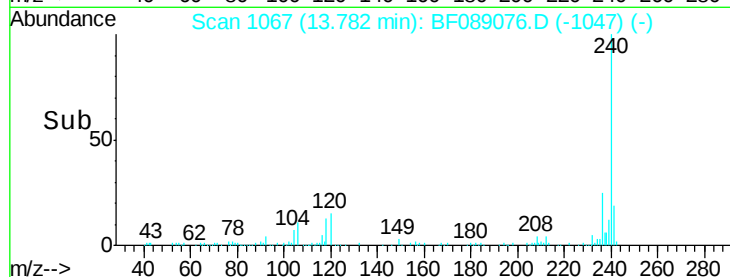
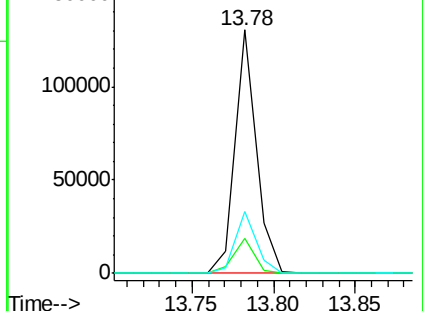
236 25.3 20.2 30.2



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: 77.81 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.06 min

Lab File: BF089076.D

Acq: 17 Jul 2016 14:12

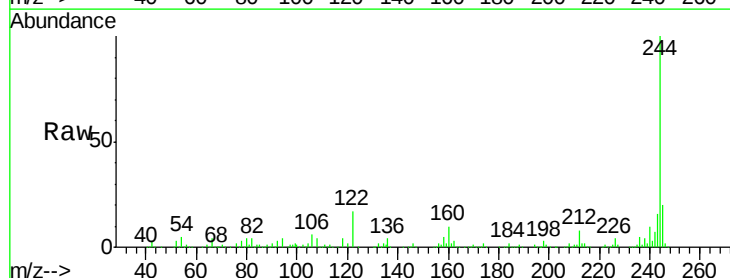
Tgt Ion:244 Resp: 409628

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

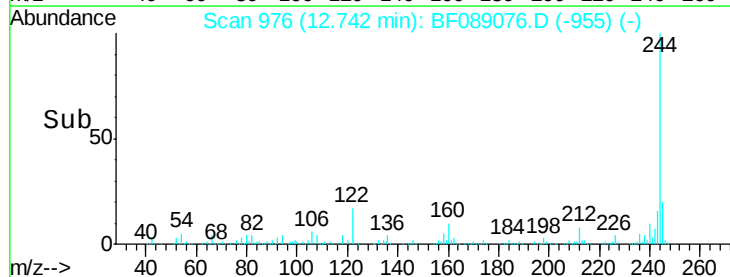
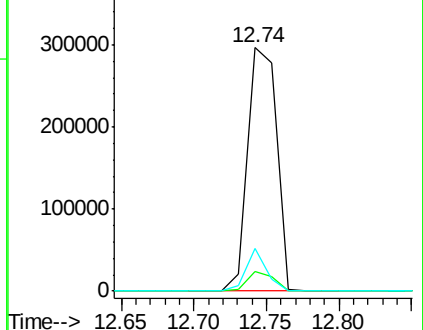
122 17.5 11.2 16.8#

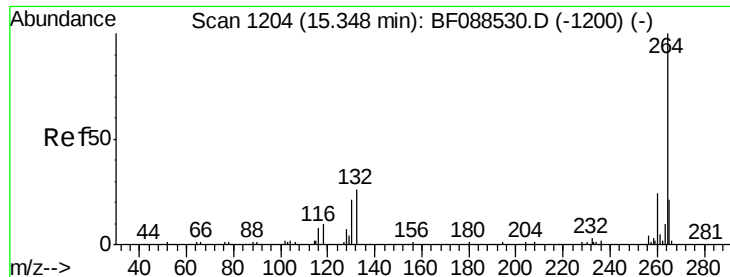


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

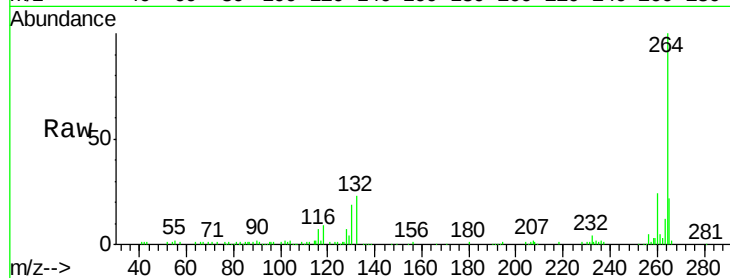




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.07 min
 Lab File: BF089076.D
 Acq: 17 Jul 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 106319
 Ion Ratio Lower Upper
 264 100
 260 24.3 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

