

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081409.D
 Acq On : 4 Sep 2015 8:24
 Operator : UM/IZ
 Sample : G3481-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 09:54:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	52021	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	206776	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	86276	20.00	ng	-0.02
63) Phenanthrene-d10	10.88	188	145413	20.00	ng	0.00
75) Chrysene-d12	13.47	240	97394	20.00	ng	-0.02
86) Perylene-d12	14.79	264	82064	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	540657	161.25	ng	0.00
7) Phenol-d6	6.04	99	797961	179.80	ng	-0.01
23) Nitrobenzene-d5	6.95	82	466330	108.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.19	330	136718	177.97	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	675951	100.40	ng	-0.02
78) Terphenyl-d14	12.46	244	520845	124.49	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.52	79	8335	2.29	ng	# 32
19) n-Nitroso-di-n-propylamine	6.95	70	64038	21.20	ng	# 60
49) Dimethylphthalate	9.14	163	158153	23.59	ng	# 97
65) n-Nitrosodiphenylamine	10.10	169	23621	4.46	ng	# 64
68) Atrazine	10.60	200	11231	7.33	ng	# 65
69) Pentachlorophenol	10.83	266	257	9.05	ng	# 23
74) Fluoranthene	12.30	202	25346	2.90	ng	# 83
77) Pyrene	12.30	202	25346	3.51	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.51	149	165201	39.90	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

Instrument :

BNA_F

ClientSampleId :

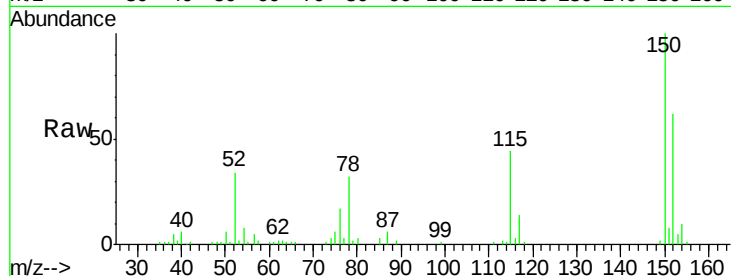
Tot Ion:152 Resp: 52021

Ion Ratio Lower Upper

152 100

150 160.4 124.7 187.1

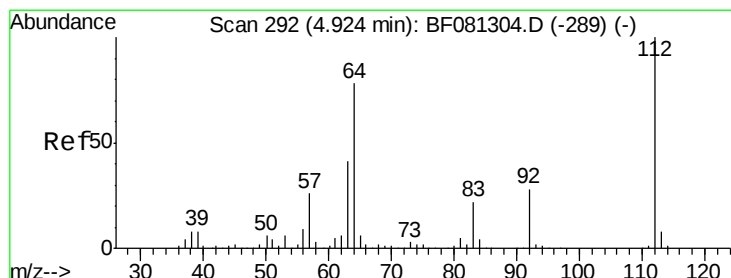
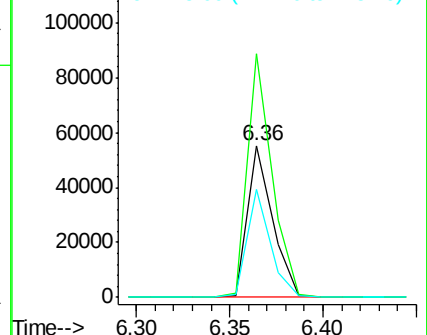
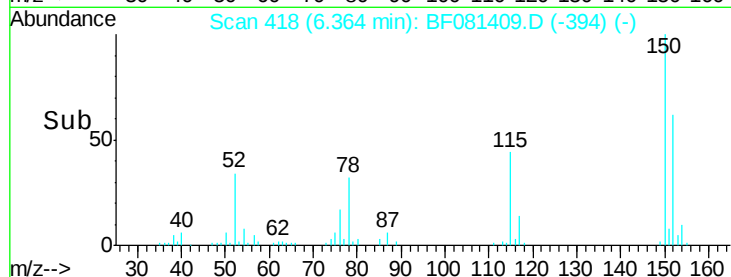
115 71.0 39.0 58.4#



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: 161.25 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

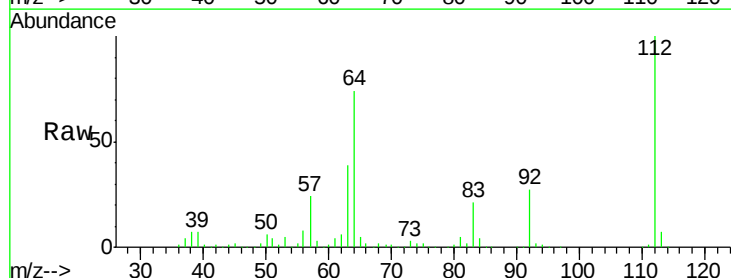
Tgt Ion:112 Resp: 540657

Ion Ratio Lower Upper

112 100

64 73.7 39.7 59.5#

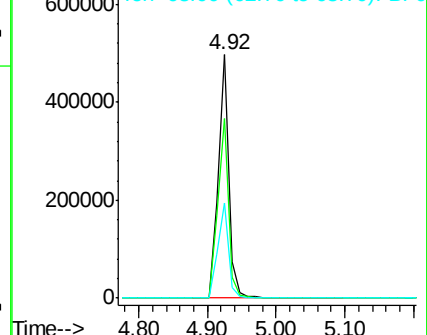
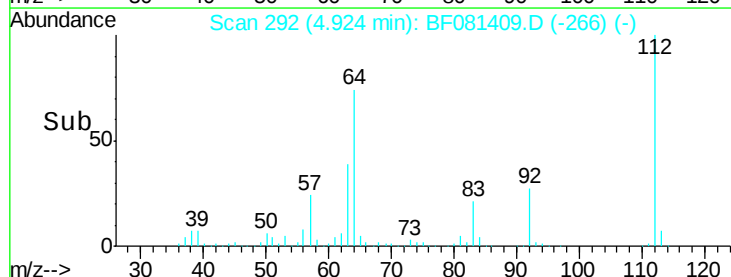
63 38.8 17.4 26.0#

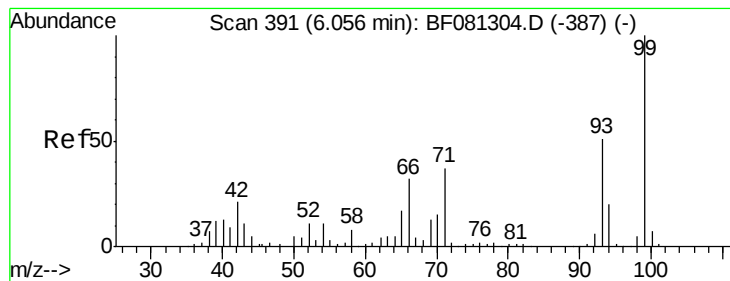


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 179.80 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

Instrument :

BNA_F

ClientSampled :

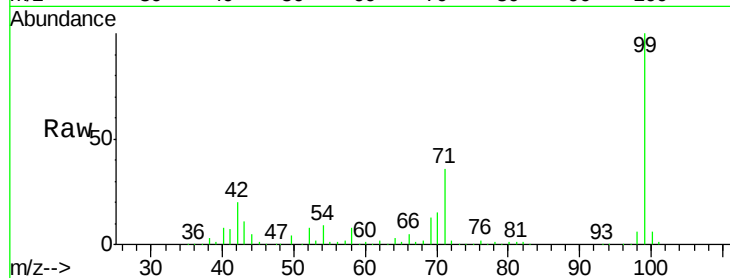
Tot Ion: 99 Resp: 797961

Ion Ratio Lower Upper

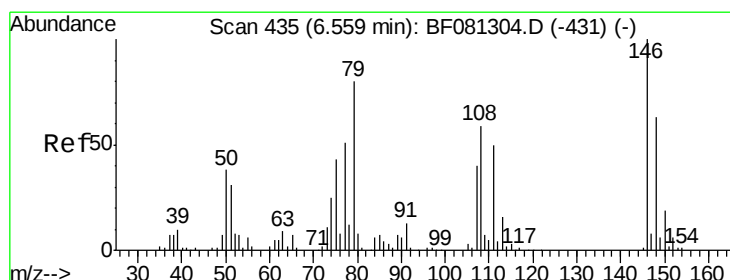
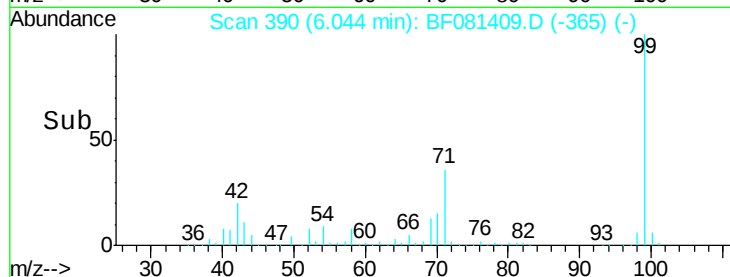
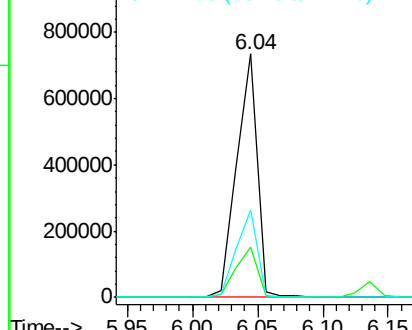
99 100

42 20.5 13.7 20.5

71 35.9 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

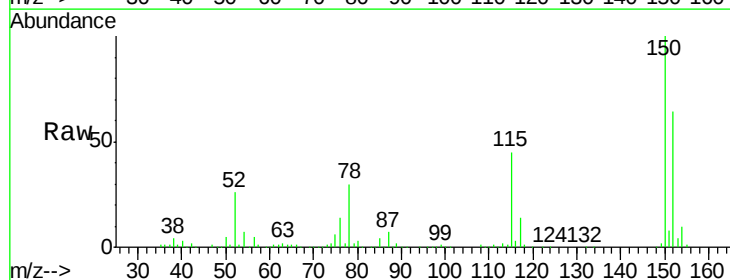
Tgt Ion: 79 Resp: 8335

Ion Ratio Lower Upper

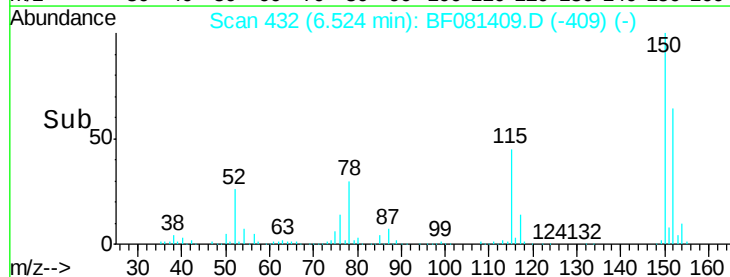
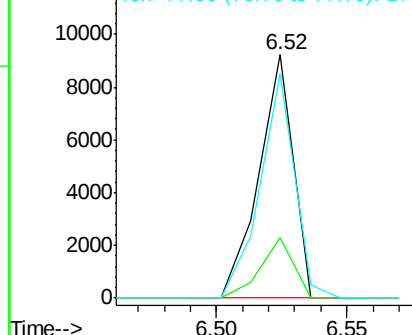
79 100

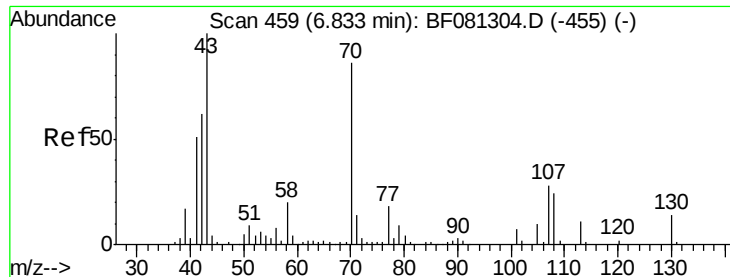
108 25.1 88.6 132.8#

77 92.0 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

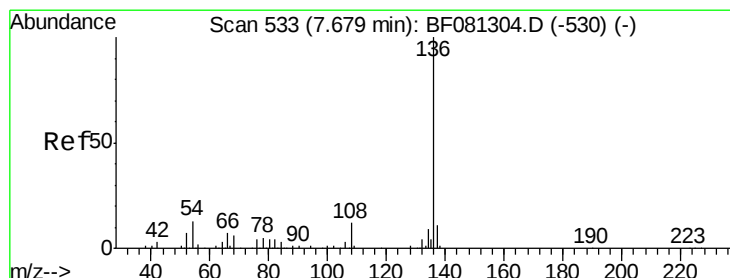
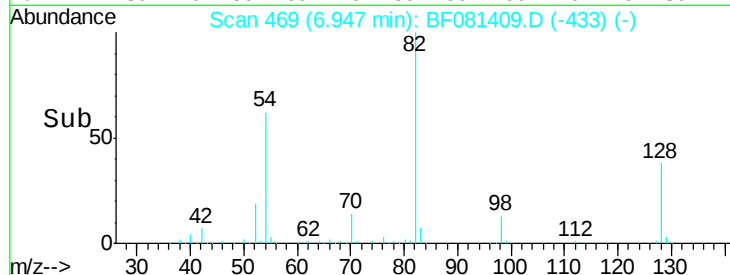
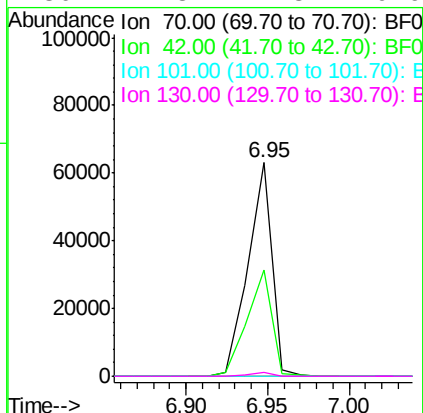
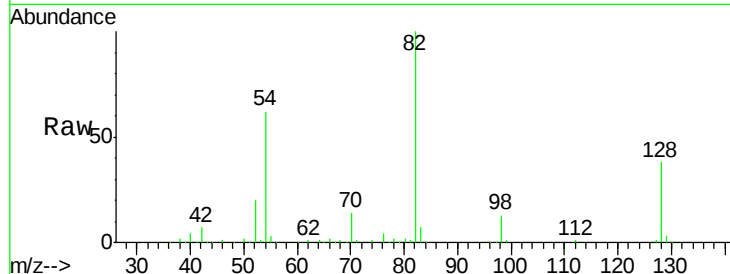




#19
n-Nitroso-di-n-propylamine
Concen: 21.20 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.11 min
Lab File: BF081409.D
Acq: 4 Sep 2015 8:24

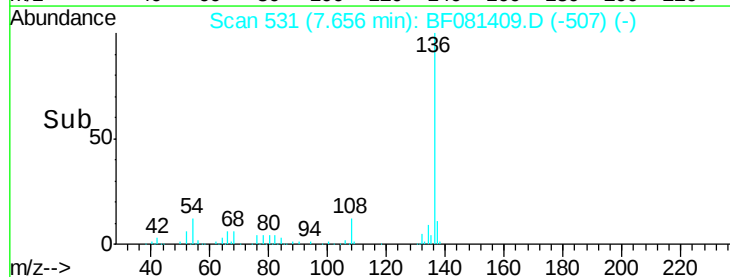
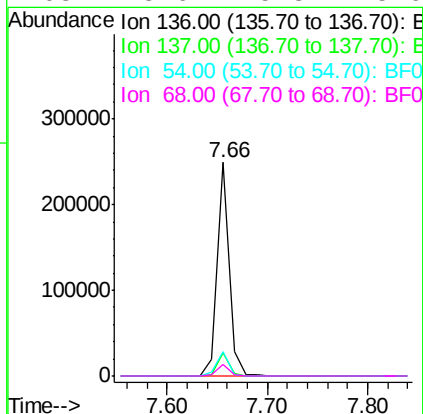
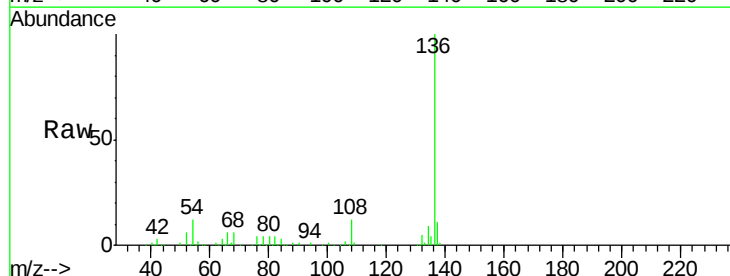
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 64038
Ion Ratio Lower Upper
70 100
42 50.0 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081409.D
Acq: 4 Sep 2015 8:24

Tgt Ion: 136 Resp: 206776
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 11.6 8.2 12.2
68 5.6 5.8 8.6#

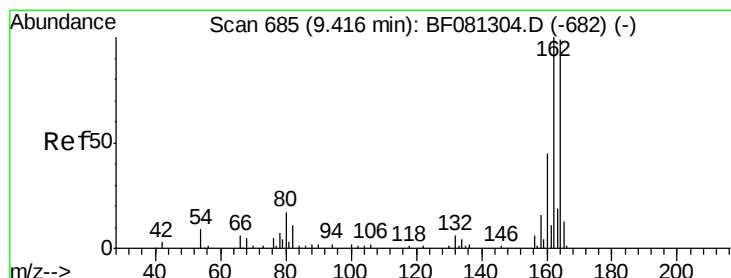
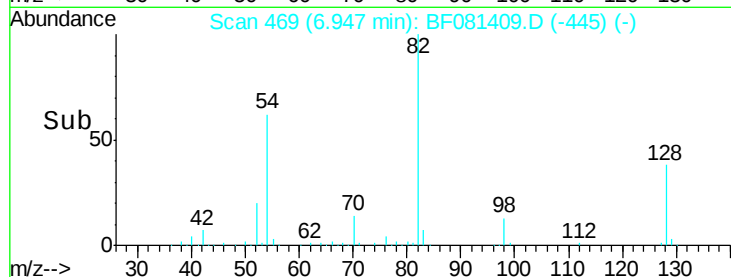
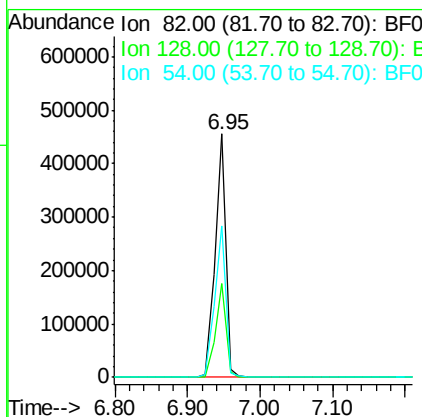
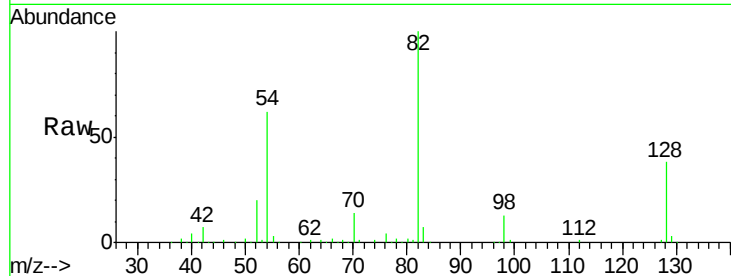




#23
 Nitrobenzene-d5
 Concen: 108.81 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

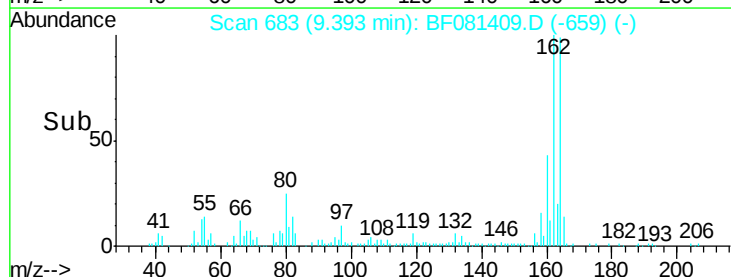
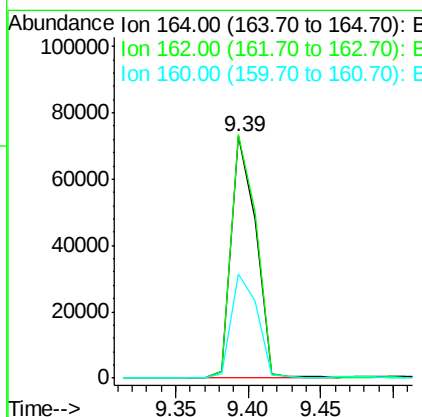
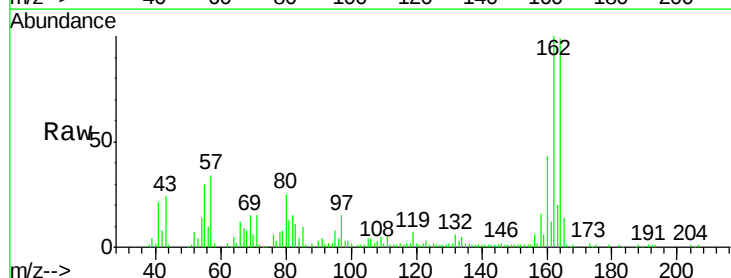
Instrument :
 BNA_F
 ClientSampled :

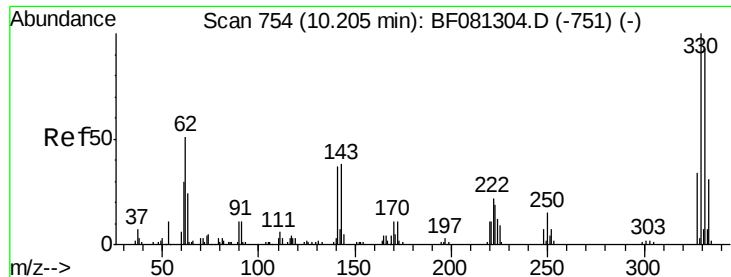
Tot Ion: 82 Resp: 466330
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 62.3 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

Tgt Ion:164 Resp: 86276
 Ion Ratio Lower Upper
 164 100
 162 100.7 75.2 112.8
 160 42.9 31.5 47.3

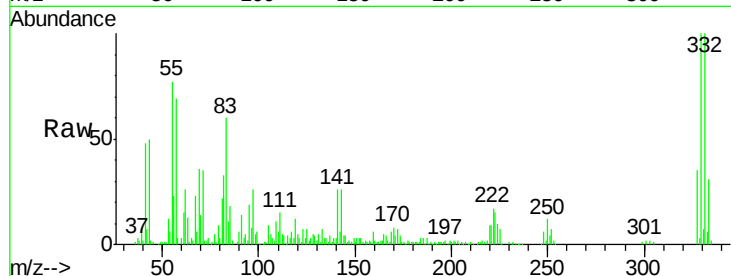




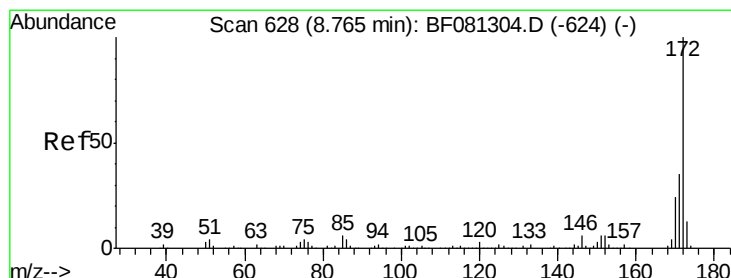
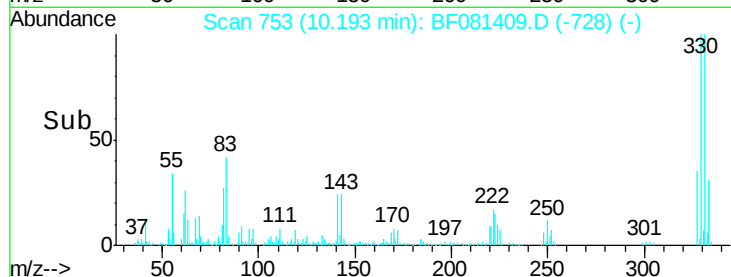
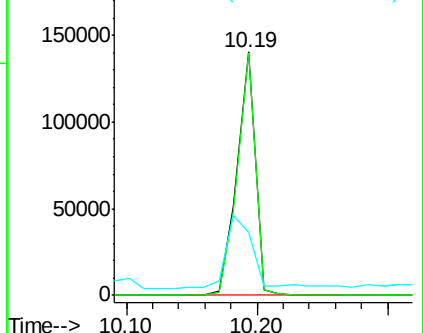
#41
 2,4,6-Tribromophenol
 Concen: 177.97 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	42.2	29.7	44.5

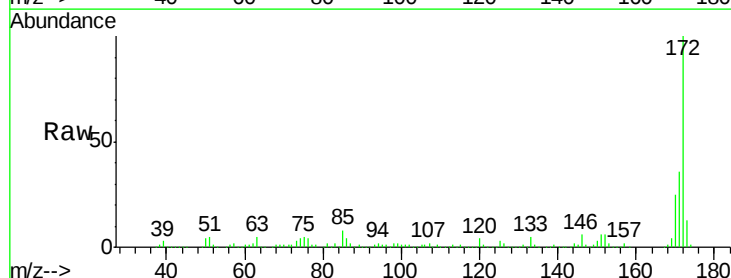


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

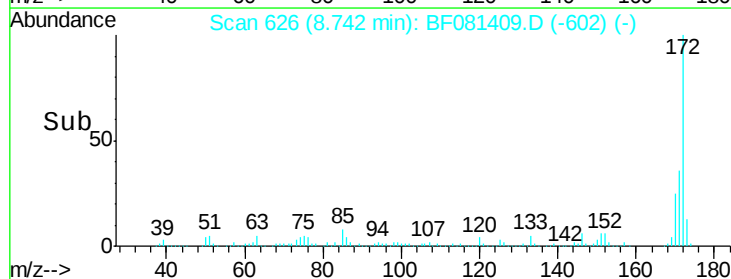
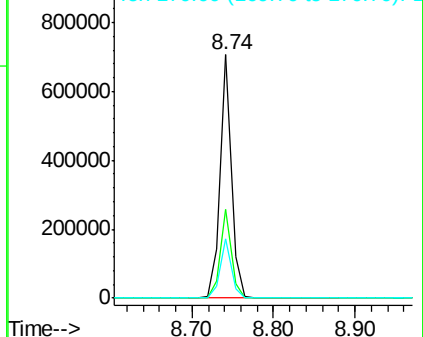


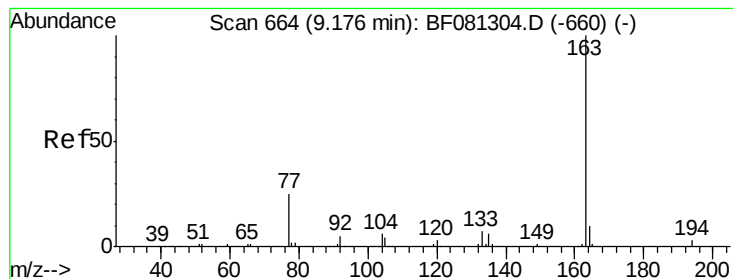
#44
 2-Fluorobiphenyl
 Concen: 100.40 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.6	17.4	26.2



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: 23.59 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

Instrument :

BNA_F

ClientSampleId :

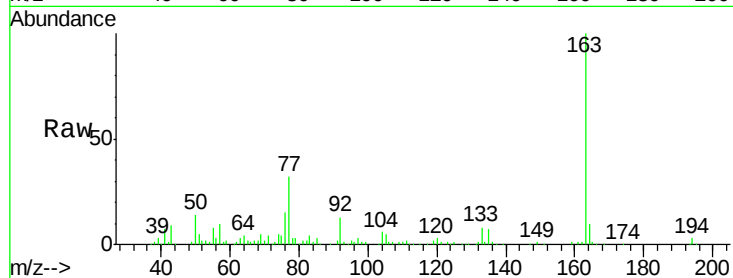
Tot Ion:163 Resp: 158153

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

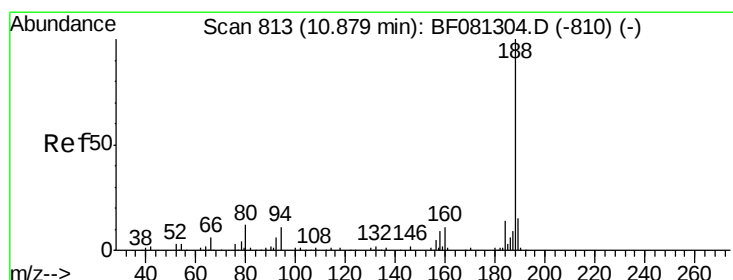
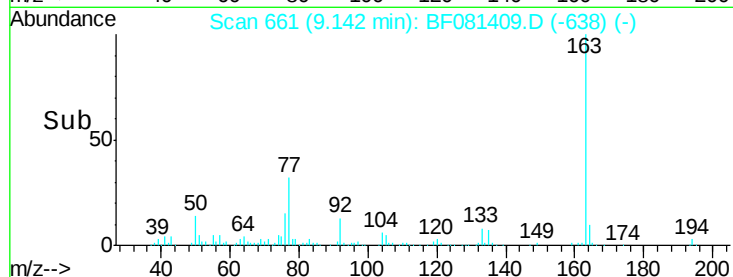
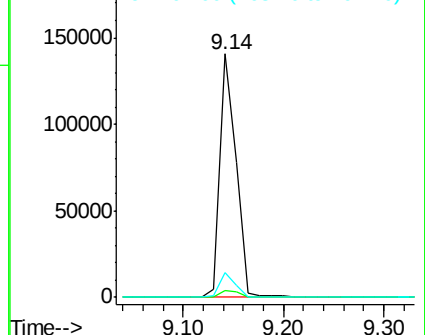
164 10.4 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

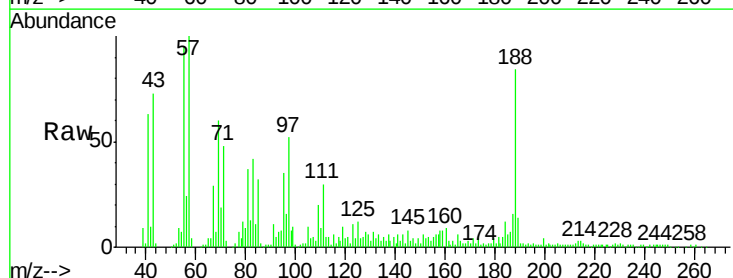
Tgt Ion:188 Resp: 145413

Ion Ratio Lower Upper

188 100

94 9.5 11.1 16.7#

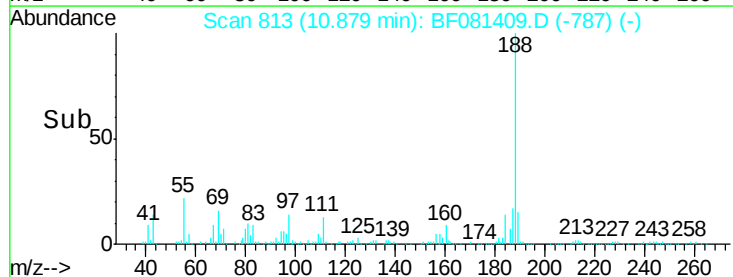
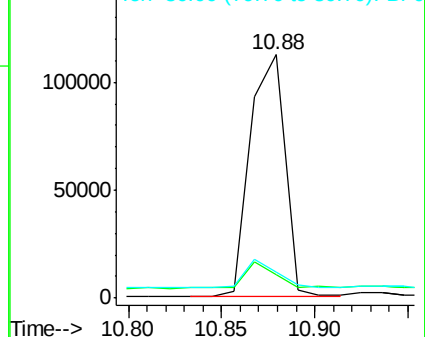
80 10.4 11.0 16.4#

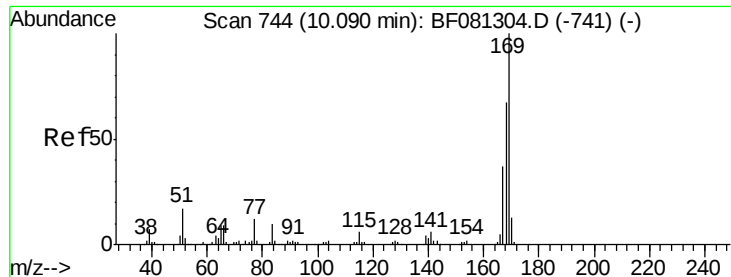


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 4.46 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

Instrument :

BNA_F

ClientSampleId :

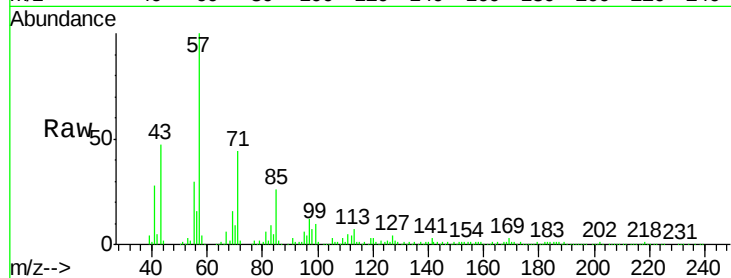
Tot Ion:169 Resp: 23621

Ion Ratio Lower Upper

169 100

168 31.3 48.9 73.3#

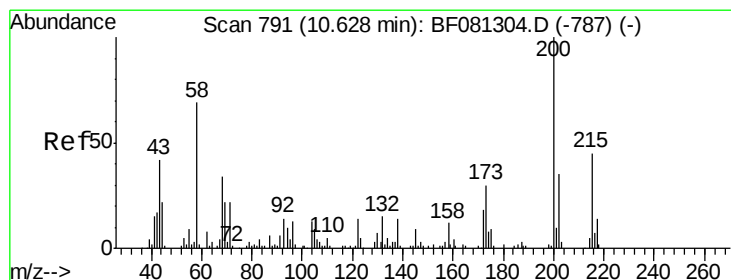
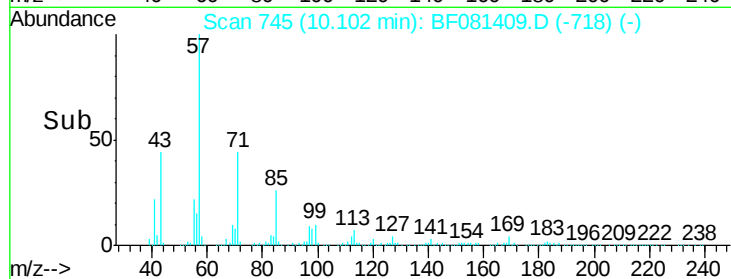
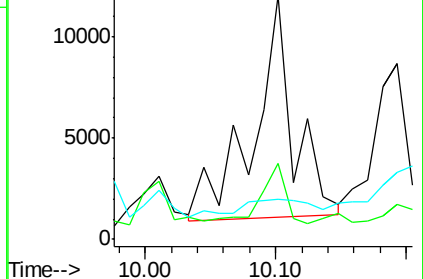
167 16.4 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 7.33 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

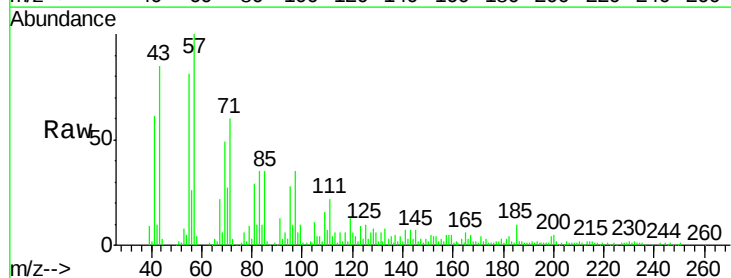
Tgt Ion:200 Resp: 11231

Ion Ratio Lower Upper

200 100

173 57.5 13.2 53.2#

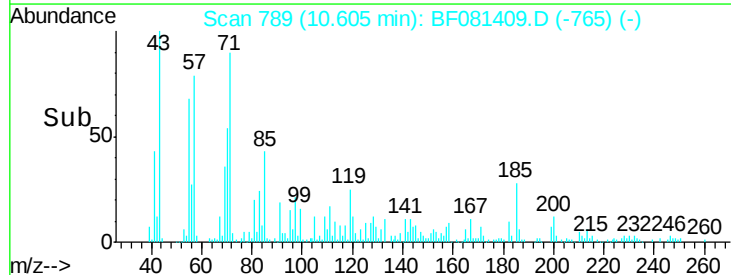
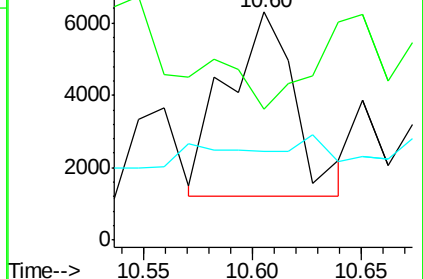
215 38.6 41.8 81.8#

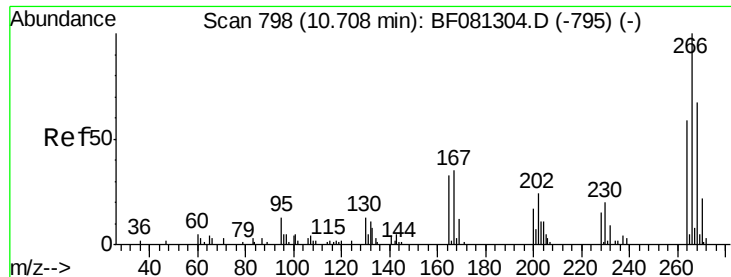


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

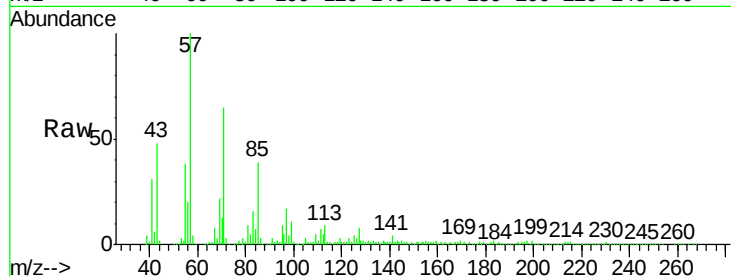




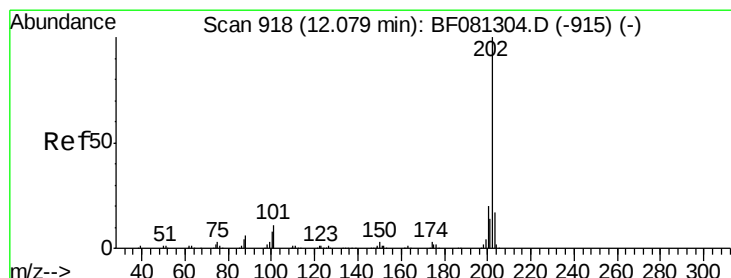
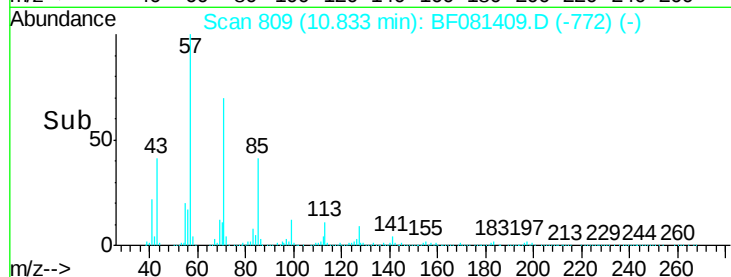
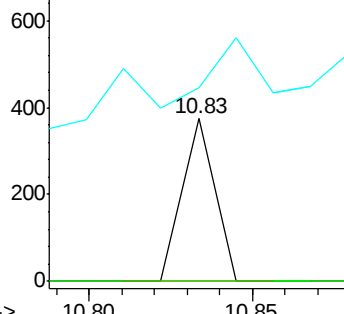
#69
 Pentachlorophenol
 Concen: 9.05 ng
 RT: 10.83 min Scan# 809
 Delta R.T. 0.13 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 257
 Ion Ratio Lower Upper
 266 100
 268 0.0 49.8 74.6#
 264 118.9 50.2 75.2#

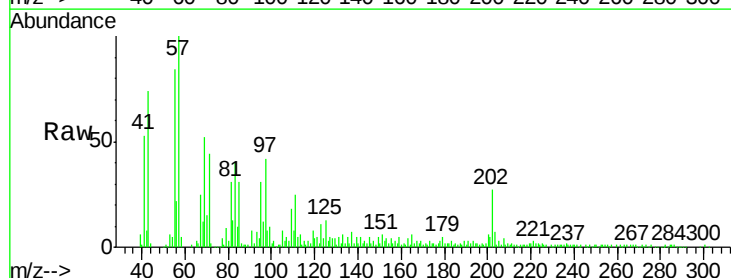


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

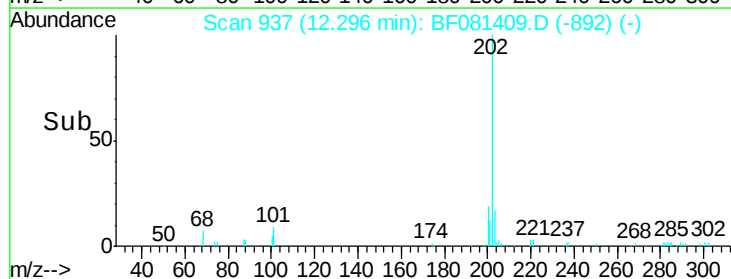
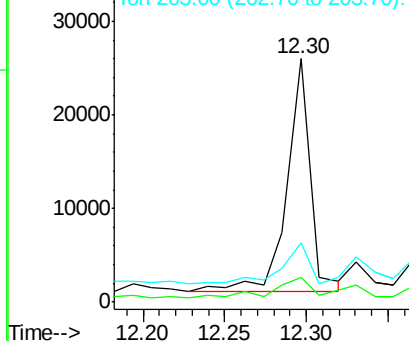


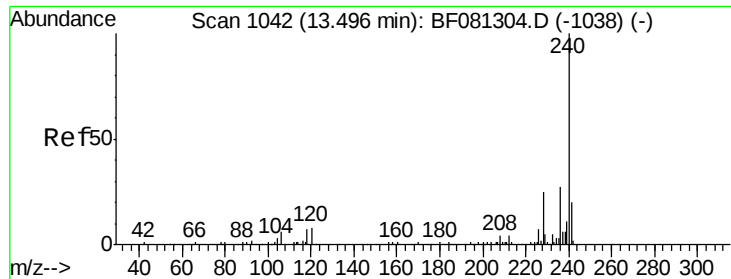
#74
 Fluoranthene
 Concen: 2.90 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.22 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

Tgt Ion:202 Resp: 25346
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 38.3
 203 24.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

Instrument :

BNA_F

ClientSampled :

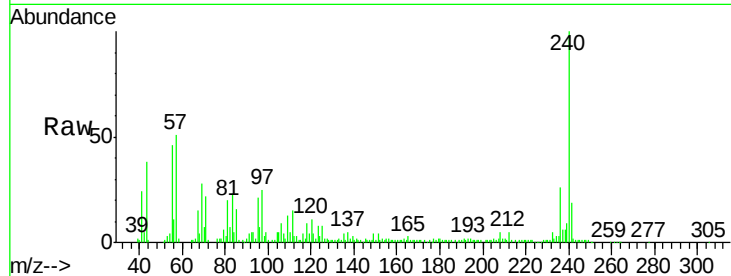
Tot Ion:240 Resp: 97394

Ion Ratio Lower Upper

240 100

120 11.0 16.2 24.2#

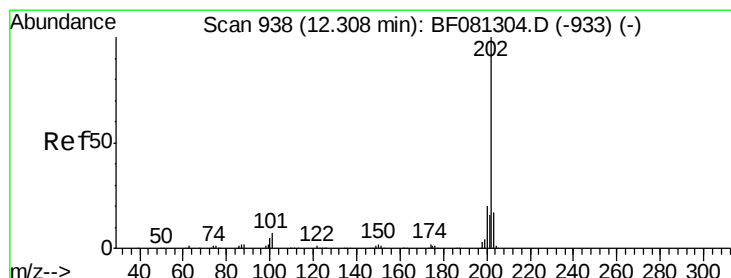
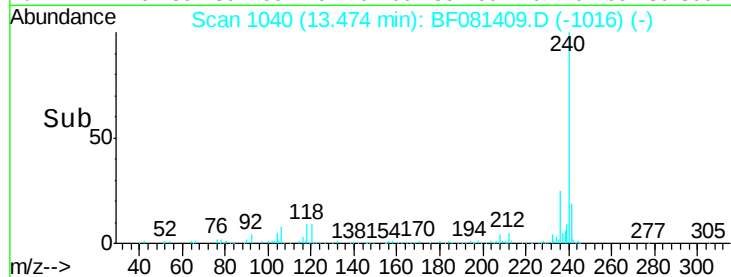
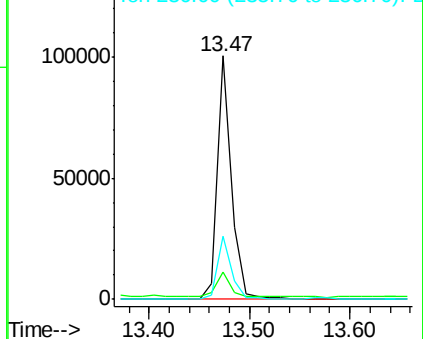
236 25.7 18.4 27.6



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



#77

Pyrene

Concen: 3.51 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

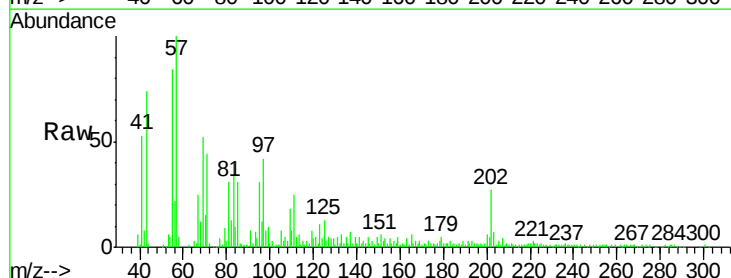
Tgt Ion:202 Resp: 25346

Ion Ratio Lower Upper

202 100

200 21.0 15.0 22.4

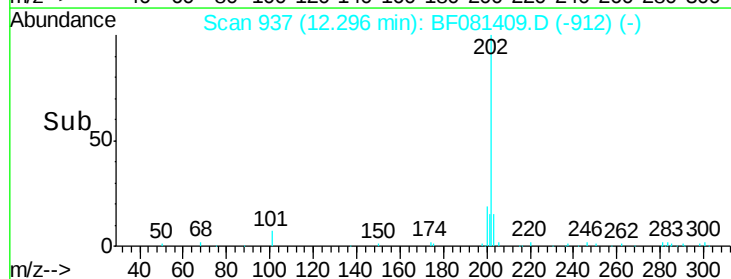
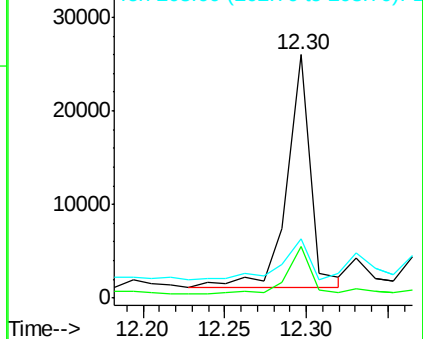
203 24.4 14.1 21.1#

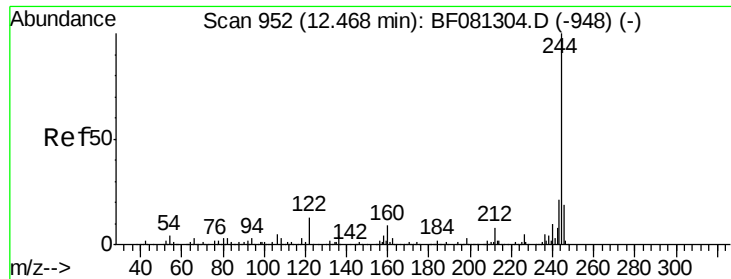


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 124.49 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

Instrument :

BNA_F

ClientSampled :

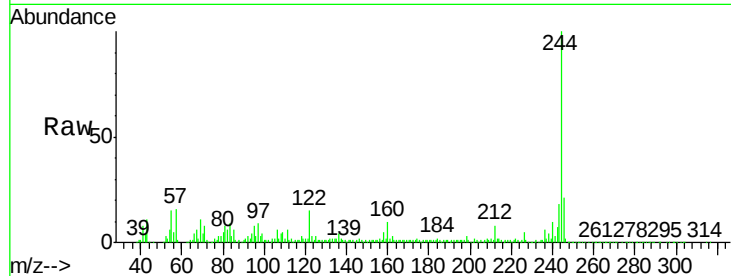
Tot Ion:244 Resp: 520845

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

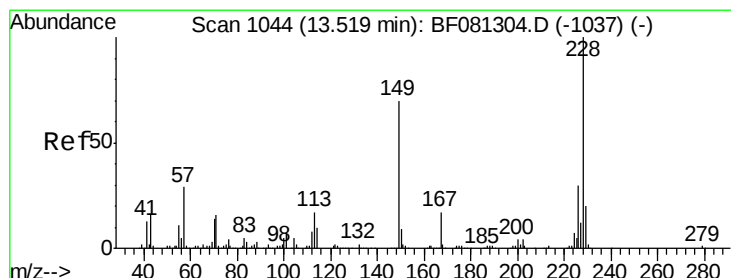
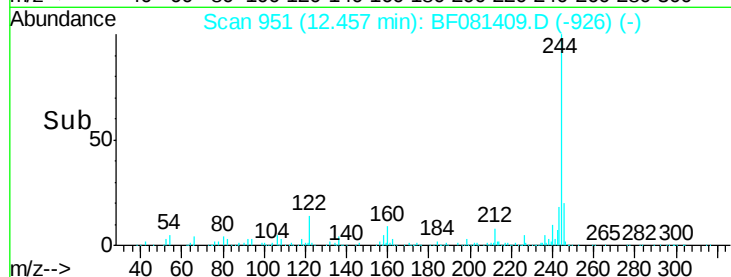
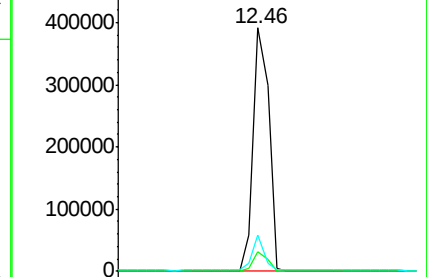
122 14.7 17.4 26.2#



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: 39.90 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF081409.D

Acq: 4 Sep 2015 8:24

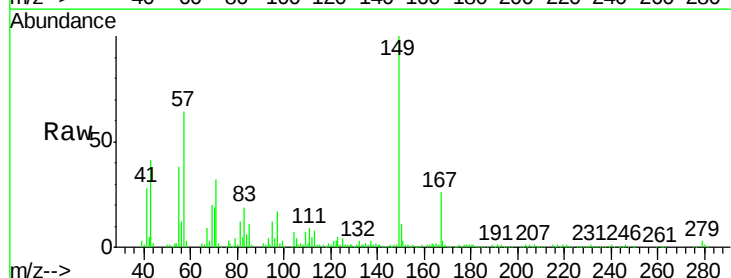
Tgt Ion:149 Resp: 165201

Ion Ratio Lower Upper

149 100

167 25.5 24.2 36.2

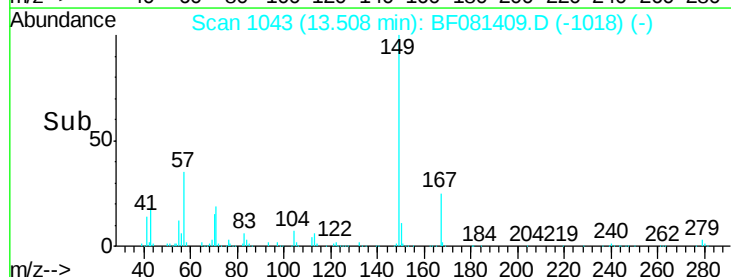
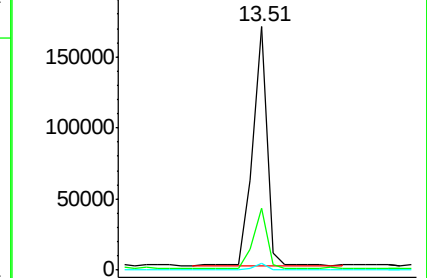
279 2.6 3.8 5.6#

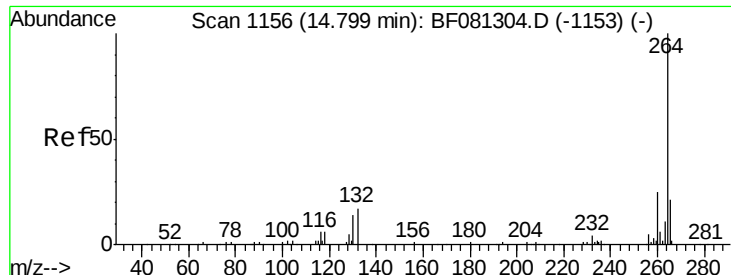


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

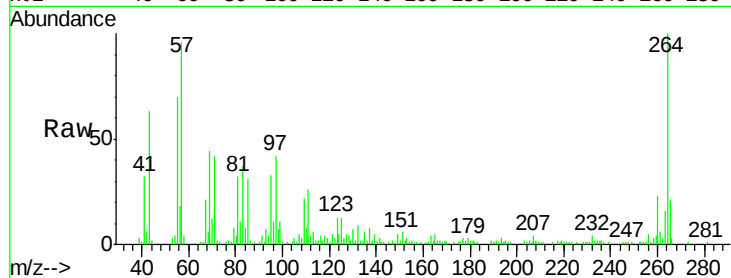




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF081409.D
 Acq: 4 Sep 2015 8:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 82064
 Ion Ratio Lower Upper
 264 100
 260 23.0 16.7 25.1
 265 20.7 17.2 25.8



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

