

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081405.D
 Acq On : 4 Sep 2015 6:21
 Operator : UM/IZ
 Sample : G3505-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF002-01

Quant Time: Sep 04 07:37:05 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

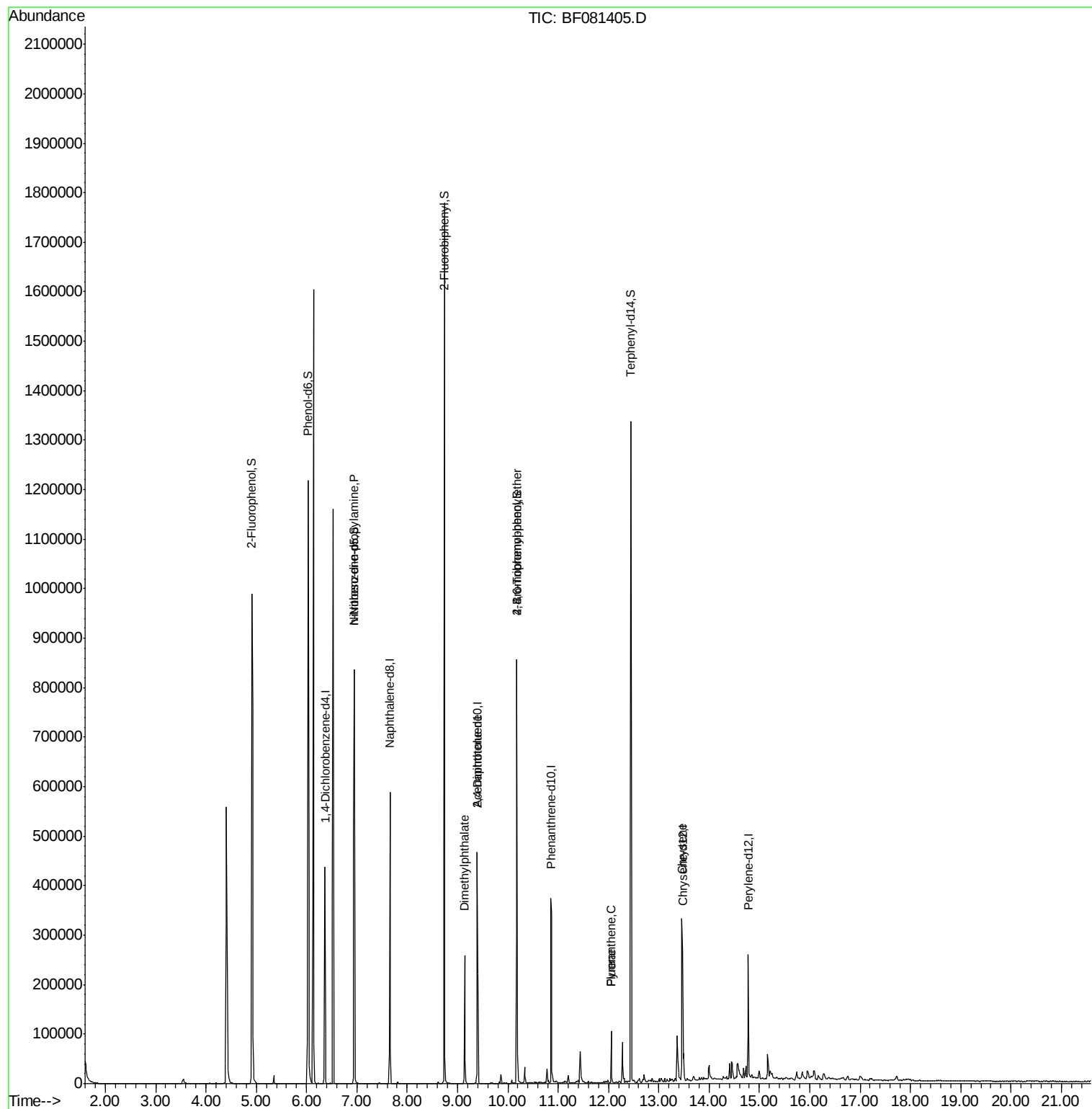
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	59208	20.00	ng	-0.02
21) Naphthalene-d8	7.66	136	234318	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	102985	20.00	ng	-0.02
63) Phenanthrene-d10	10.87	188	204195	20.00	ng	-0.01
75) Chrysene-d12	13.47	240	149425	20.00	ng	-0.02
86) Perylene-d12	14.78	264	97101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	338595	88.73	ng	-0.01
7) Phenol-d6	6.03	99	414585	82.07	ng	-0.02
23) Nitrobenzene-d5	6.95	82	320755	66.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.18	330	84801	92.48	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	527589	65.65	ng	-0.02
78) Terphenyl-d14	12.44	244	394243	61.42	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	41730	12.14	ng	# 58
49) Dimethylphthalate	9.14	163	96253	12.03	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12659	5.47	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	6468	3.13	ng	# 1
74) Fluoranthene	12.06	202	41973	3.42	ng	90
77) Pyrene	12.06	202	41973	3.79	ng	100
82) Chrysene	13.46	228	18107	2.12	ng	96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

Instrument :

BNA_F

ClientSampled :

P005-BF002-01

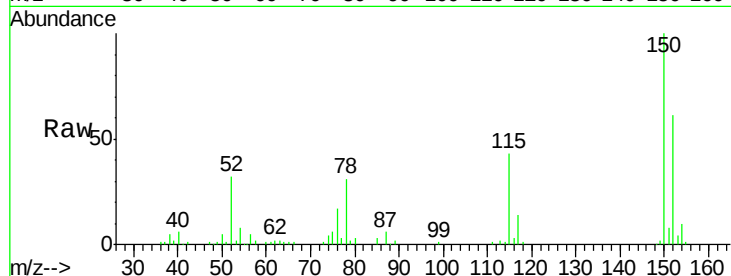
Tot Ion:152 Resp: 59208

Ion Ratio Lower Upper

152 100

150 163.1 124.7 187.1

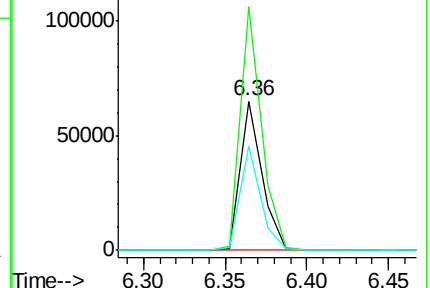
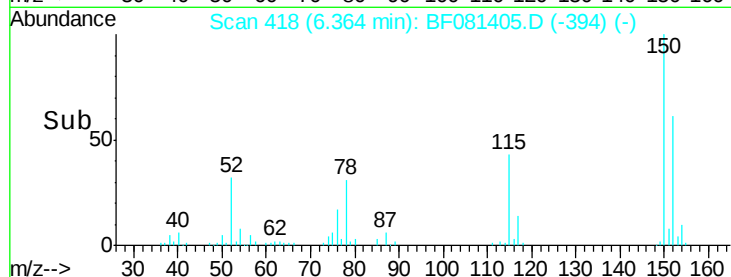
115 69.8 39.0 58.4#



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: 88.73 ng

RT: 4.91 min Scan# 291

Delta R.T. -0.01 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

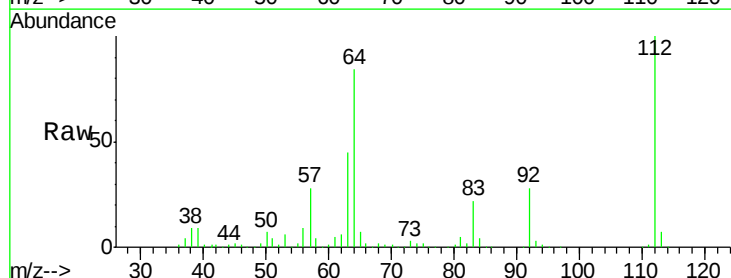
Tgt Ion:112 Resp: 338595

Ion Ratio Lower Upper

112 100

64 83.6 39.7 59.5#

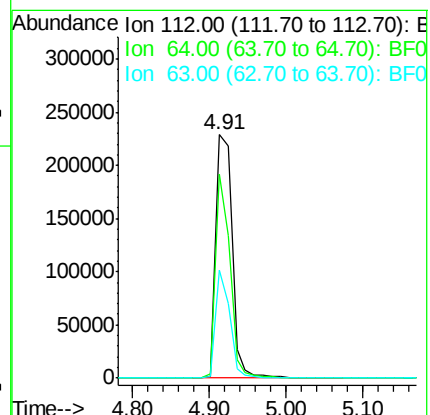
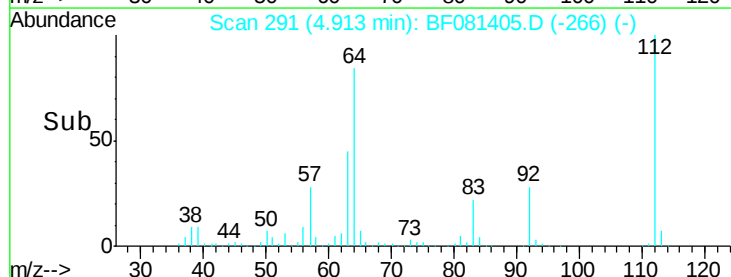
63 44.6 17.4 26.0#



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: 82.07 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

Instrument :

BNA_F

ClientSampleId :

P005-BF002-01

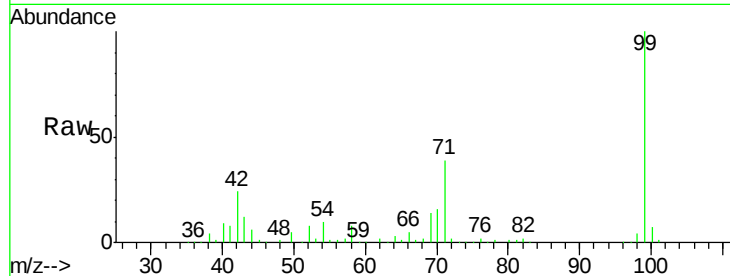
Tot Ion: 99 Resp: 414585

Ion Ratio Lower Upper

99 100

42 23.7 13.7 20.5#

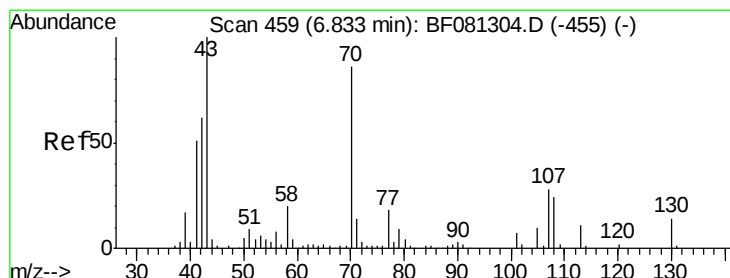
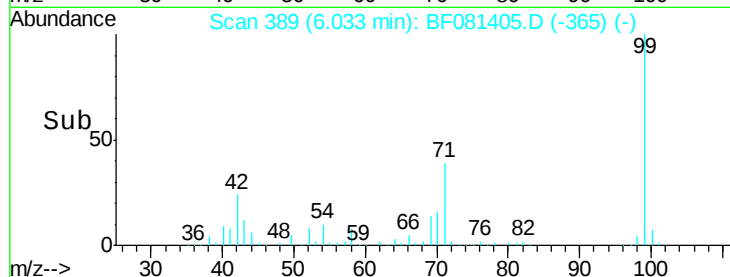
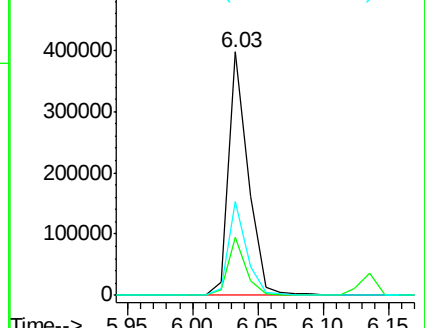
71 38.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.14 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.11 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

Tgt Ion: 70 Resp: 41730

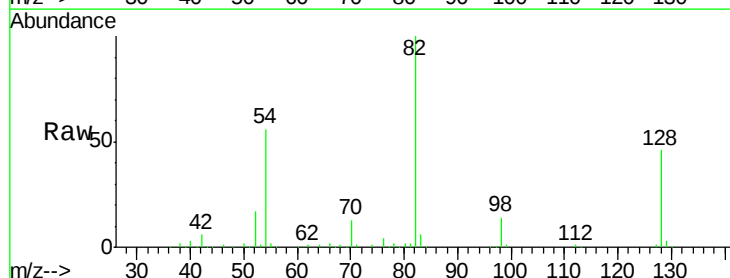
Ion Ratio Lower Upper

70 100

42 46.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

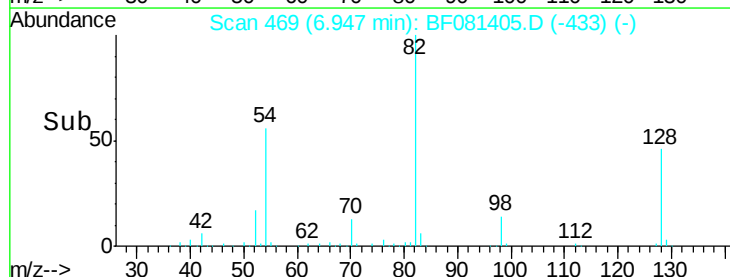
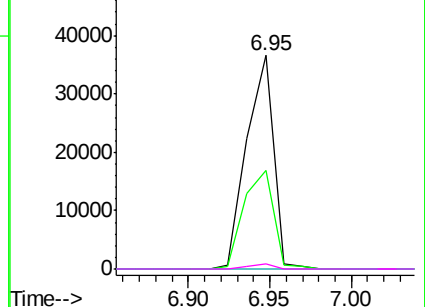


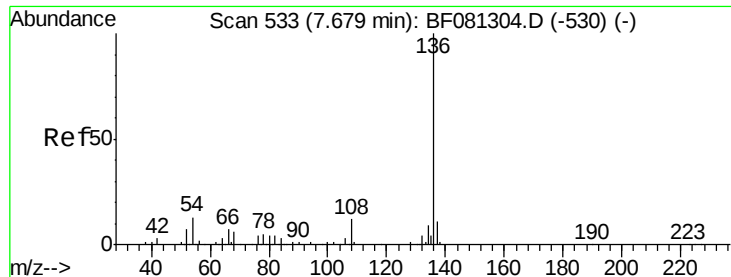
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

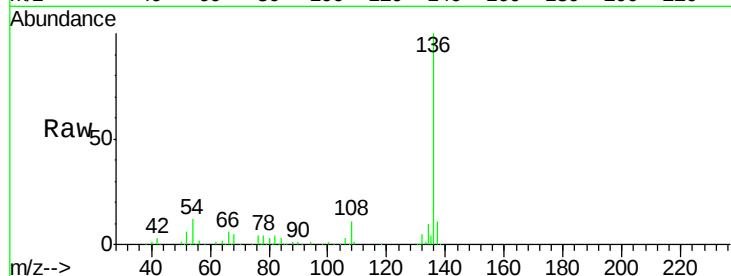
Instrument :

BNA_F

ClientSampleId :

P005-BF002-01

Tot Ion:136	Resp:	234318
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	11.9	8.2 12.2
68	5.5	5.8 8.6#

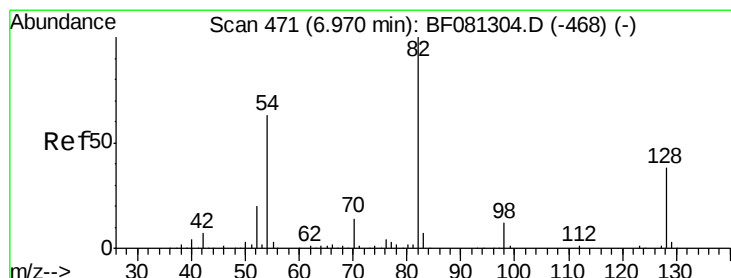
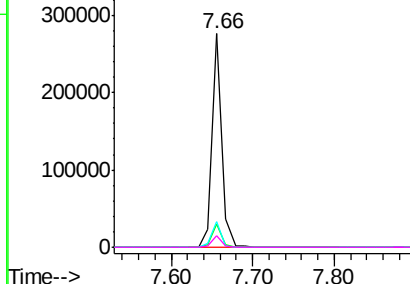
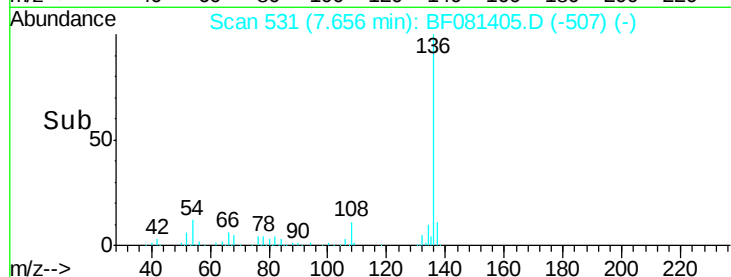


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.04 ng

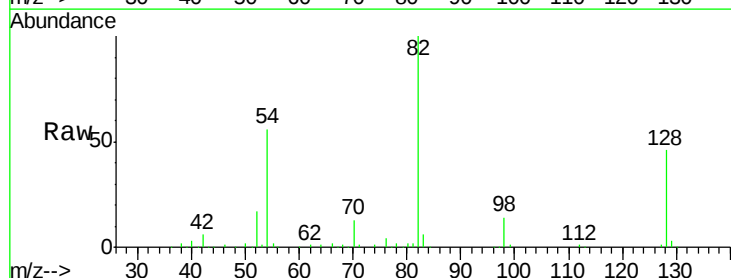
RT: 6.95 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

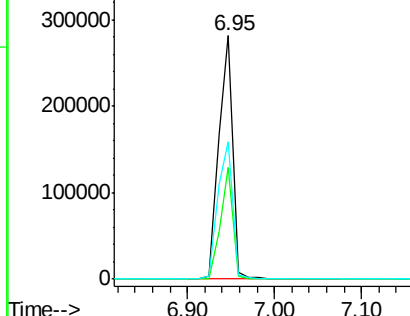
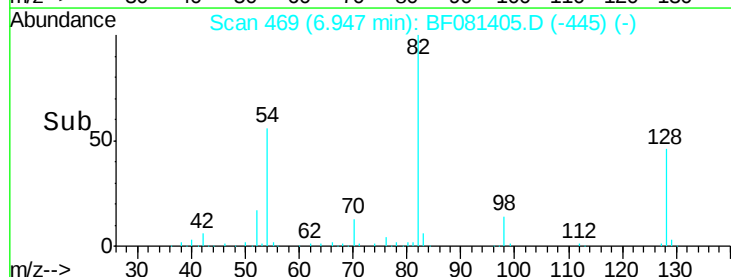
Tgt Ion: 82	Resp:	320755
Ion Ratio	Lower	Upper
82	100	
128	46.1	51.0 76.6#
54	56.5	47.5 71.3

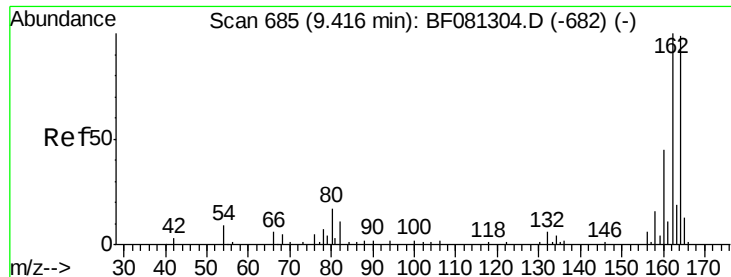


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

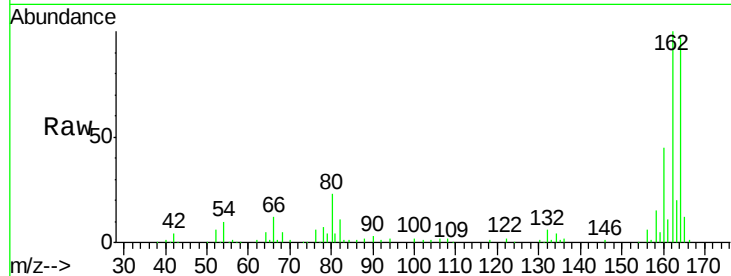




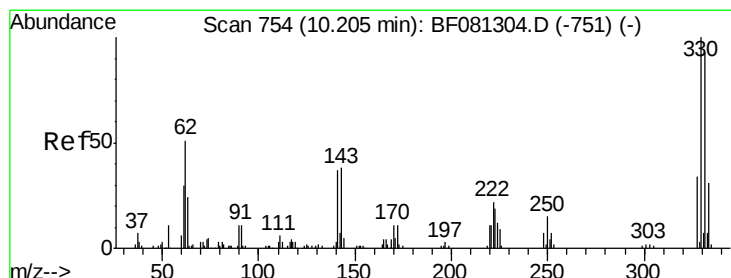
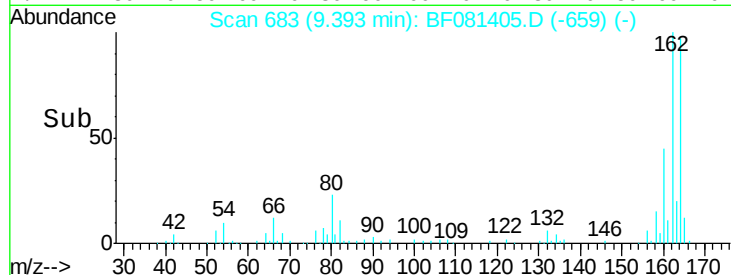
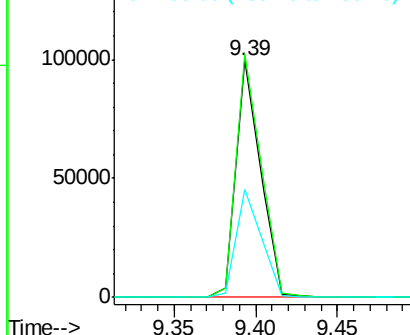
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF002-01

Tot Ion:164 Resp: 102985
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 45.7 31.5 47.3

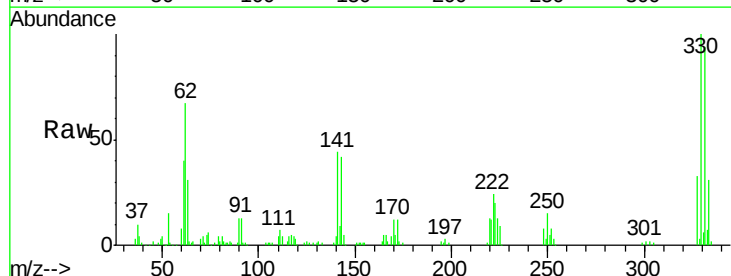


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

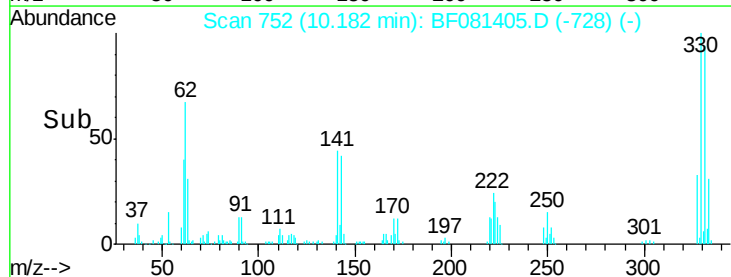
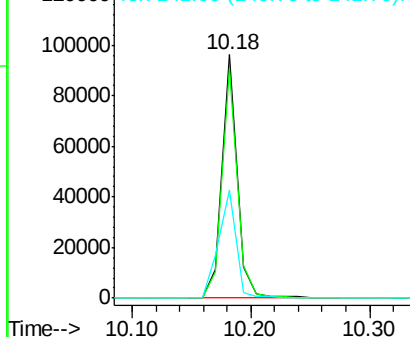


#41
 2,4,6-Tribromophenol
 Concen: 92.48 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

Tgt Ion:330 Resp: 84801
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 50.9 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

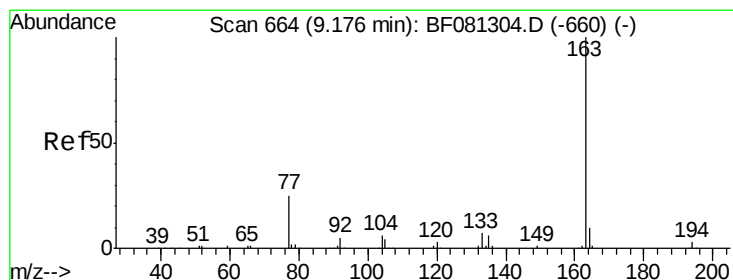
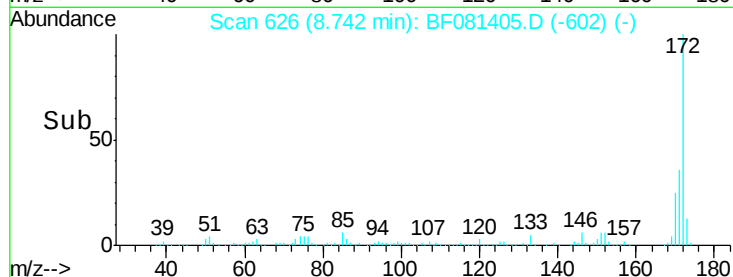
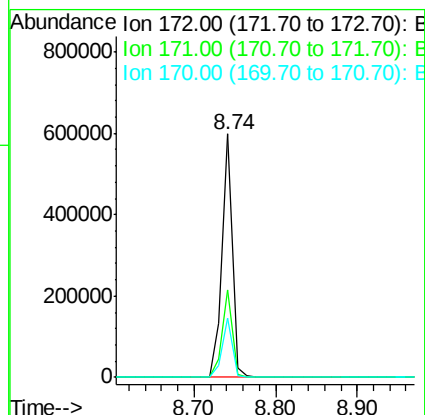
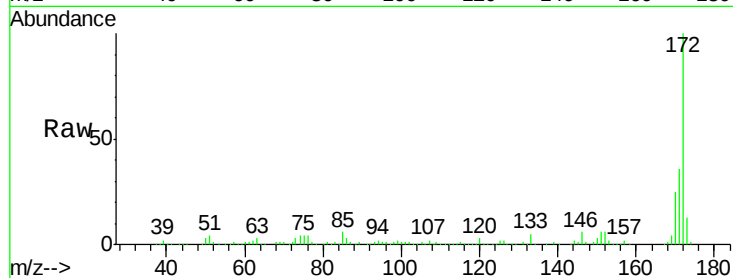




#44
2-Fluorobiphenyl
Concen: 65.65 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

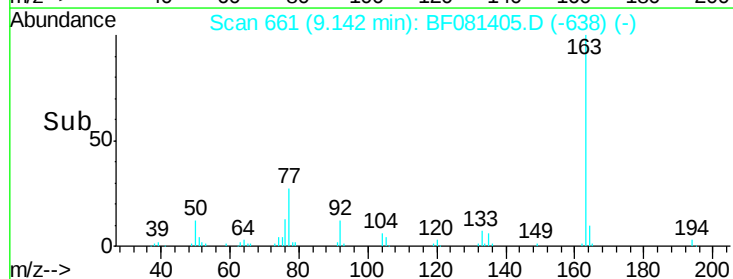
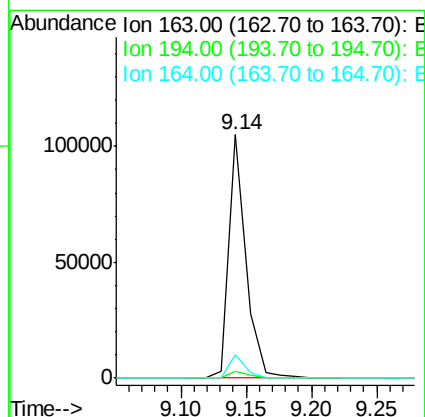
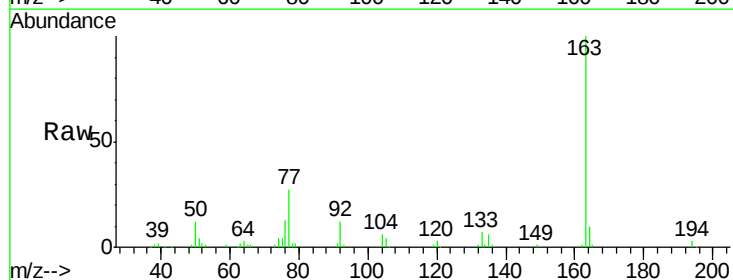
Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Tot Ion:172 Resp: 527589
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 24.6 17.4 26.2



#49
Dimethylphthalate
Concen: 12.03 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:163 Resp: 96253
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 9.9 8.3 12.5

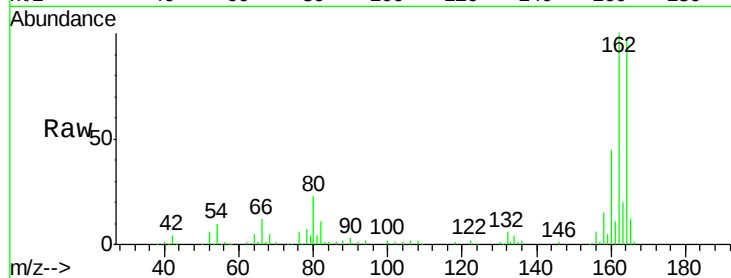




#56
 2,4-Dinitrotoluene
 Concen: 5.47 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF002-01

Tot Ion:	165	Resp:	12659
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

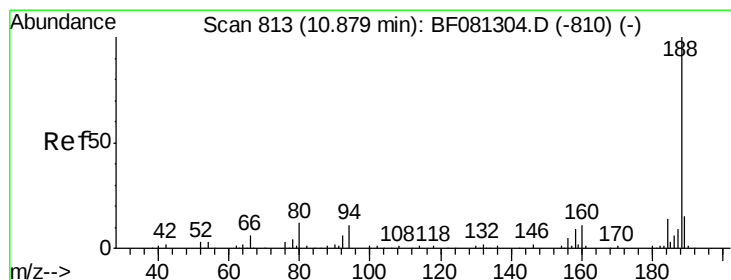
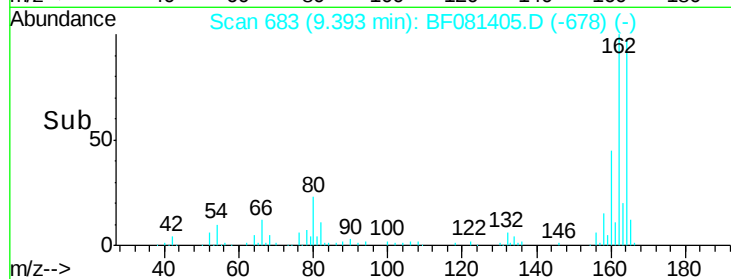
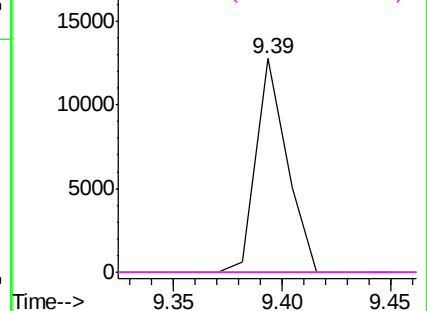


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

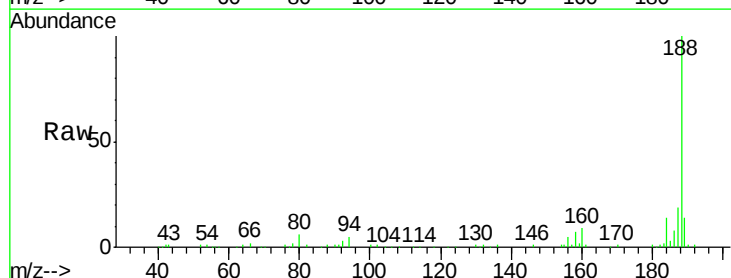
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

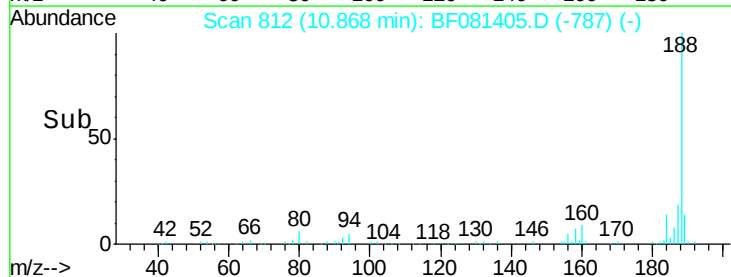
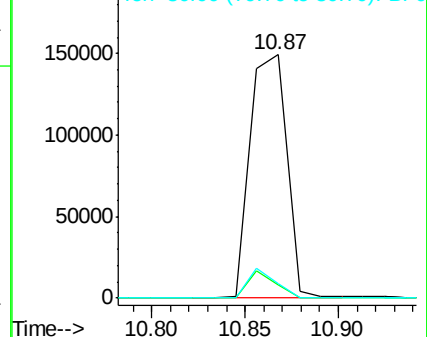
Tgt Ion:	188	Resp:	204195
Ion	Ratio	Lower	Upper
188	100		
94	5.3	11.1	16.7#
80	5.8	11.0	16.4#

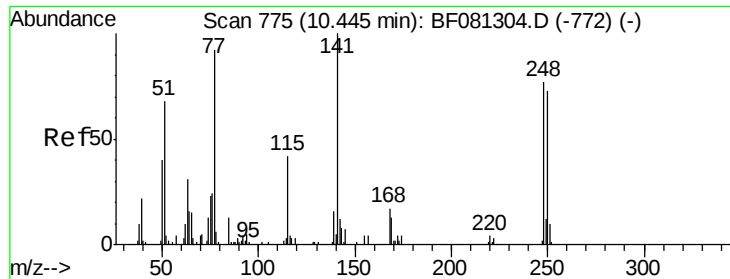


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

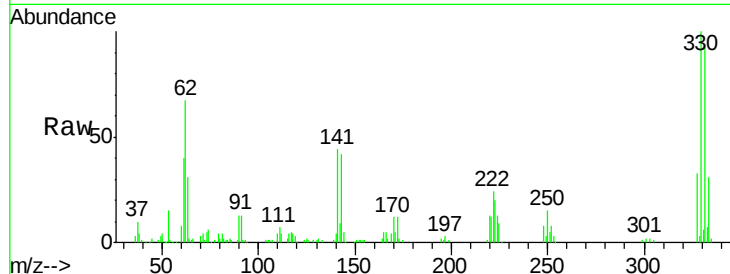




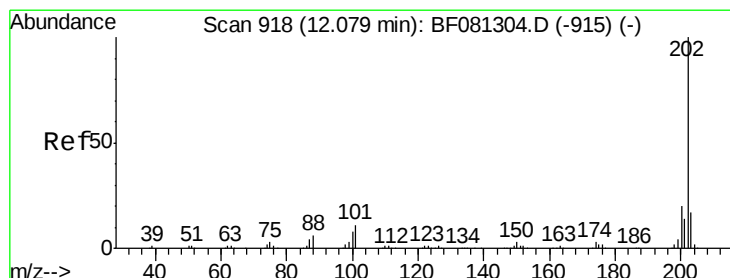
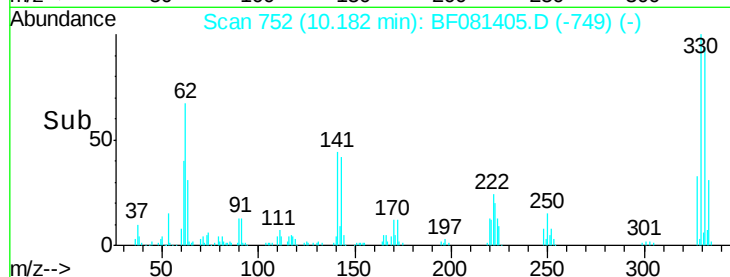
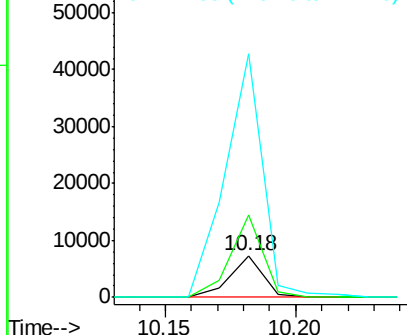
#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.26 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Instrument :
BNA_F
ClientSampleId :
P005-BF002-01

Tot Ion:248 Resp: 6468
Ion Ratio Lower Upper
248 100
250 199.2 78.5 117.7#
141 588.2 59.0 88.6#

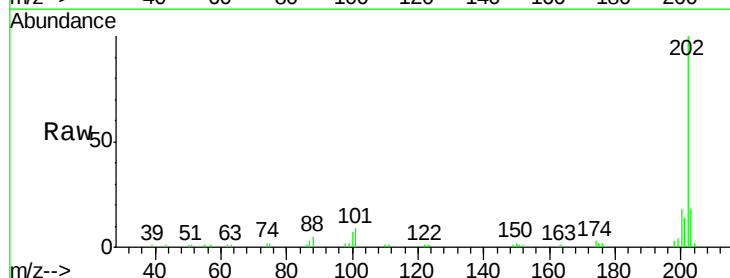


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

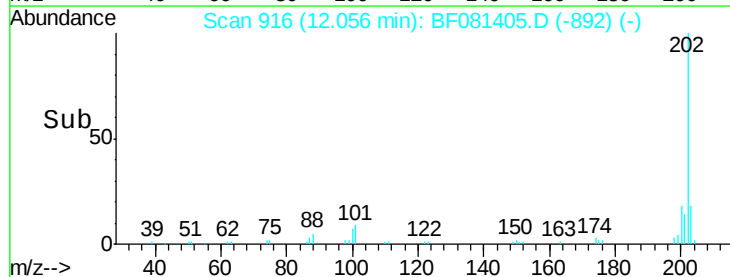
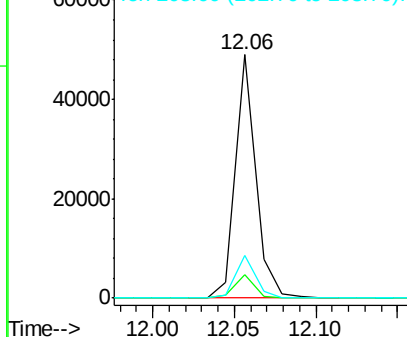


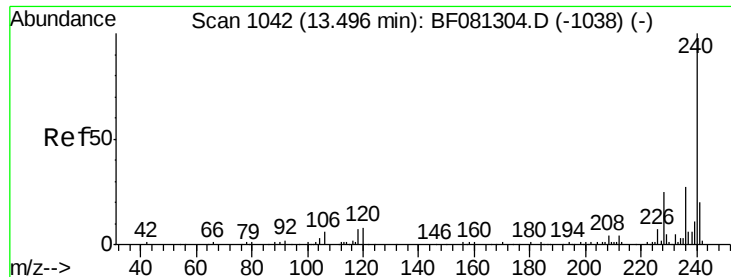
#74
Fluoranthene
Concen: 3.42 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081405.D
Acq: 4 Sep 2015 6:21

Tgt Ion:202 Resp: 41973
Ion Ratio Lower Upper
202 100
101 9.5 0.0 38.3
203 17.5 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: BF081405.D

Acq: 4 Sep 2015 6:21

Instrument :

BNA_F

ClientSampleId :

P005-BF002-01

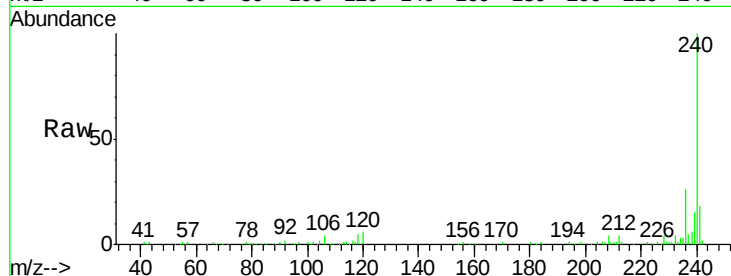
Tot Ion:240 Resp: 149425

Ion Ratio Lower Upper

240 100

120 5.6 16.2 24.2#

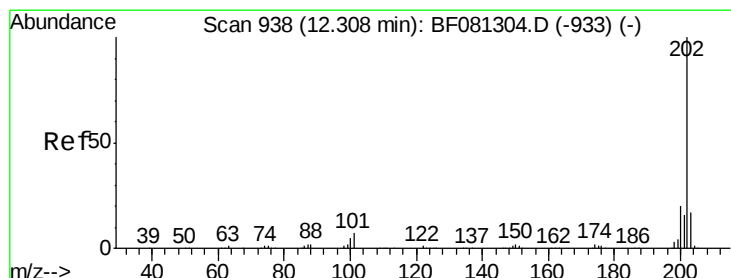
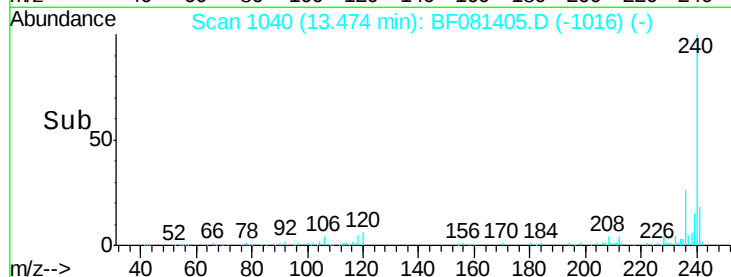
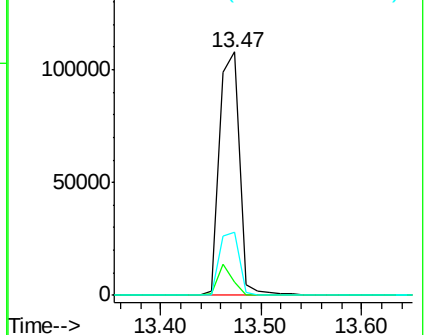
236 26.1 18.4 27.6



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: 3.79 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.25 min

Lab File: BF081405.D

Acq: 4 Sep 2015 6:21

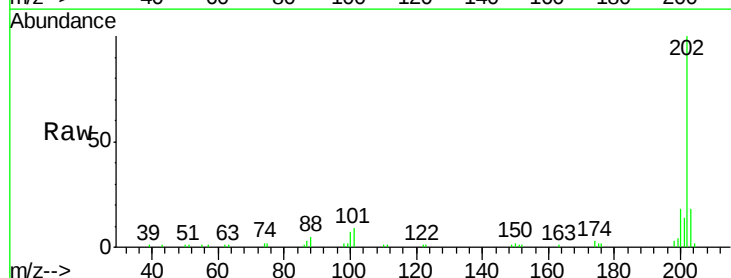
Tgt Ion:202 Resp: 41973

Ion Ratio Lower Upper

202 100

200 18.5 15.0 22.4

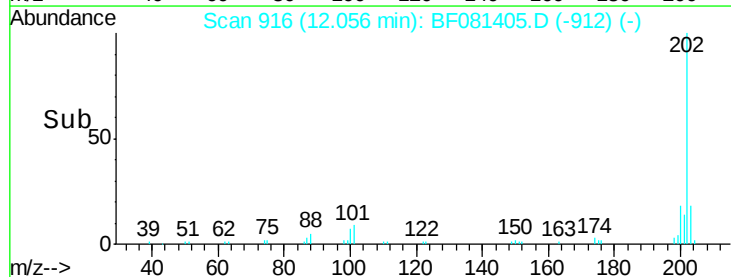
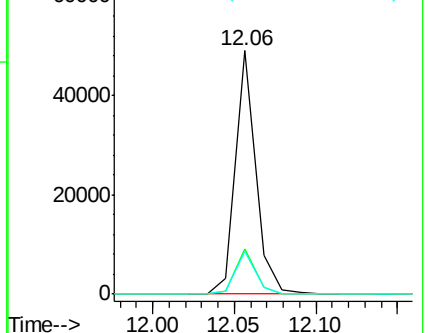
203 17.5 14.1 21.1

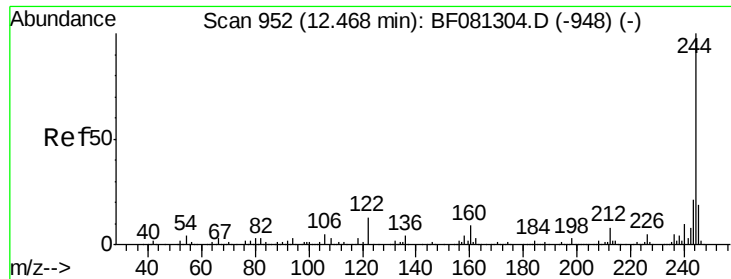


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

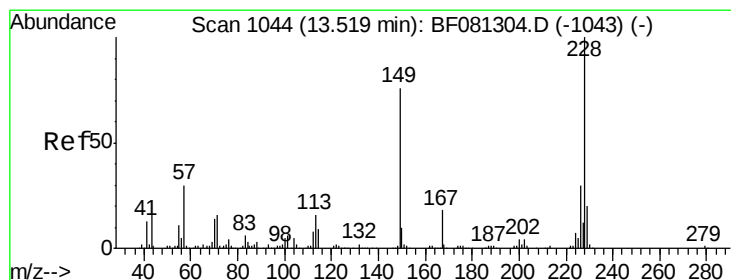
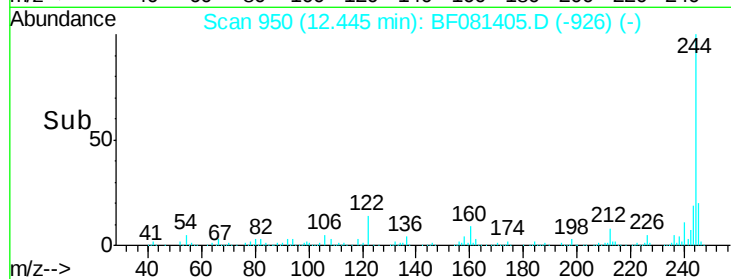
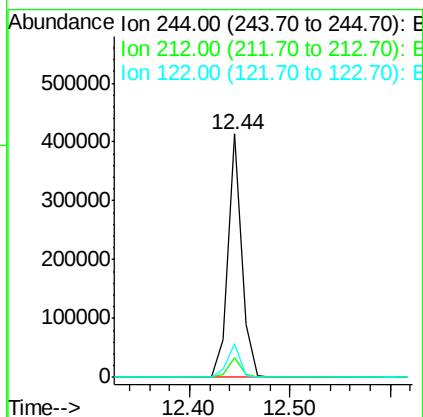
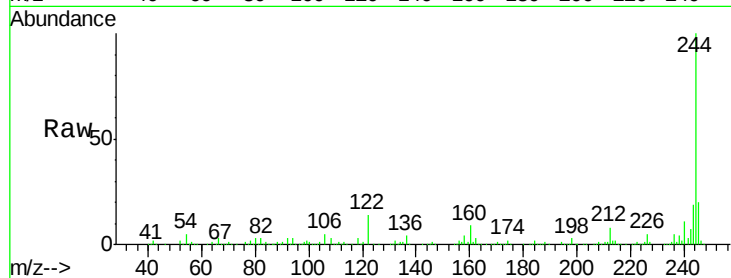




#78
 Terphenyl-d14
 Concen: 61.42 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

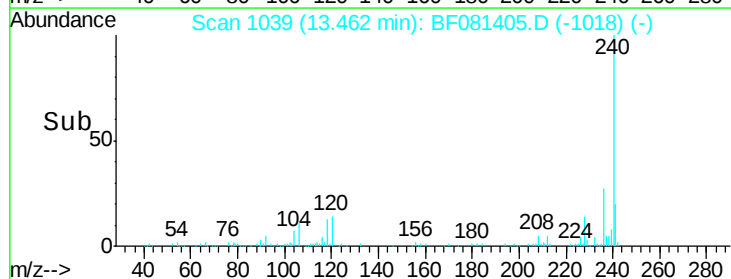
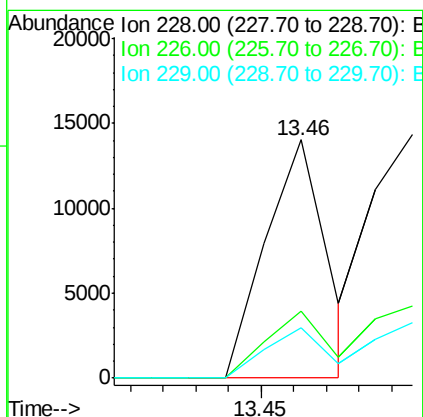
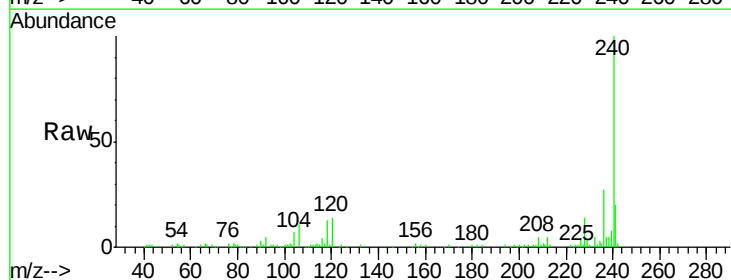
Instrument :
 BNA_F
 ClientSampleId :
 P005-BF002-01

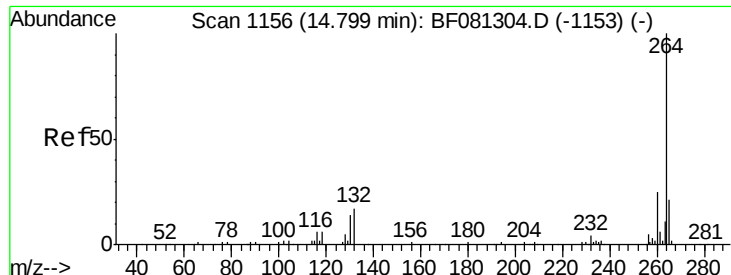
Tot Ion:244 Resp: 394243
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 13.6 17.4 26.2#



#82
 Chrysene
 Concen: 2.12 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

Tgt Ion:228 Resp: 18107
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.0 31.4
 229 21.1 15.6 23.4

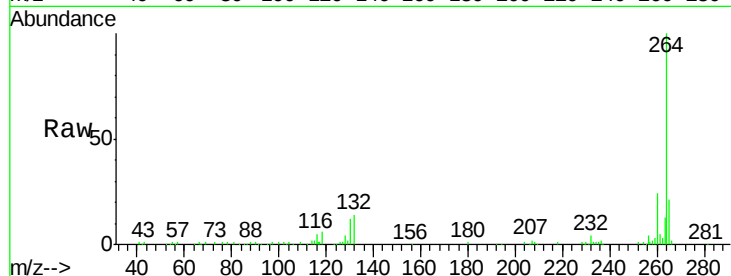




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081405.D
 Acq: 4 Sep 2015 6:21

Instrument :
 BNA_F
 ClientSampleId :
 P005-BF002-01

Tot Ion: 264 Resp: 97101
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 20.8 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

