

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090261.D
 Acq On : 27 Sep 2016 19:32
 Operator : UM/SJ
 Sample : H4962-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN09

Quant Time: Sep 28 00:43:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

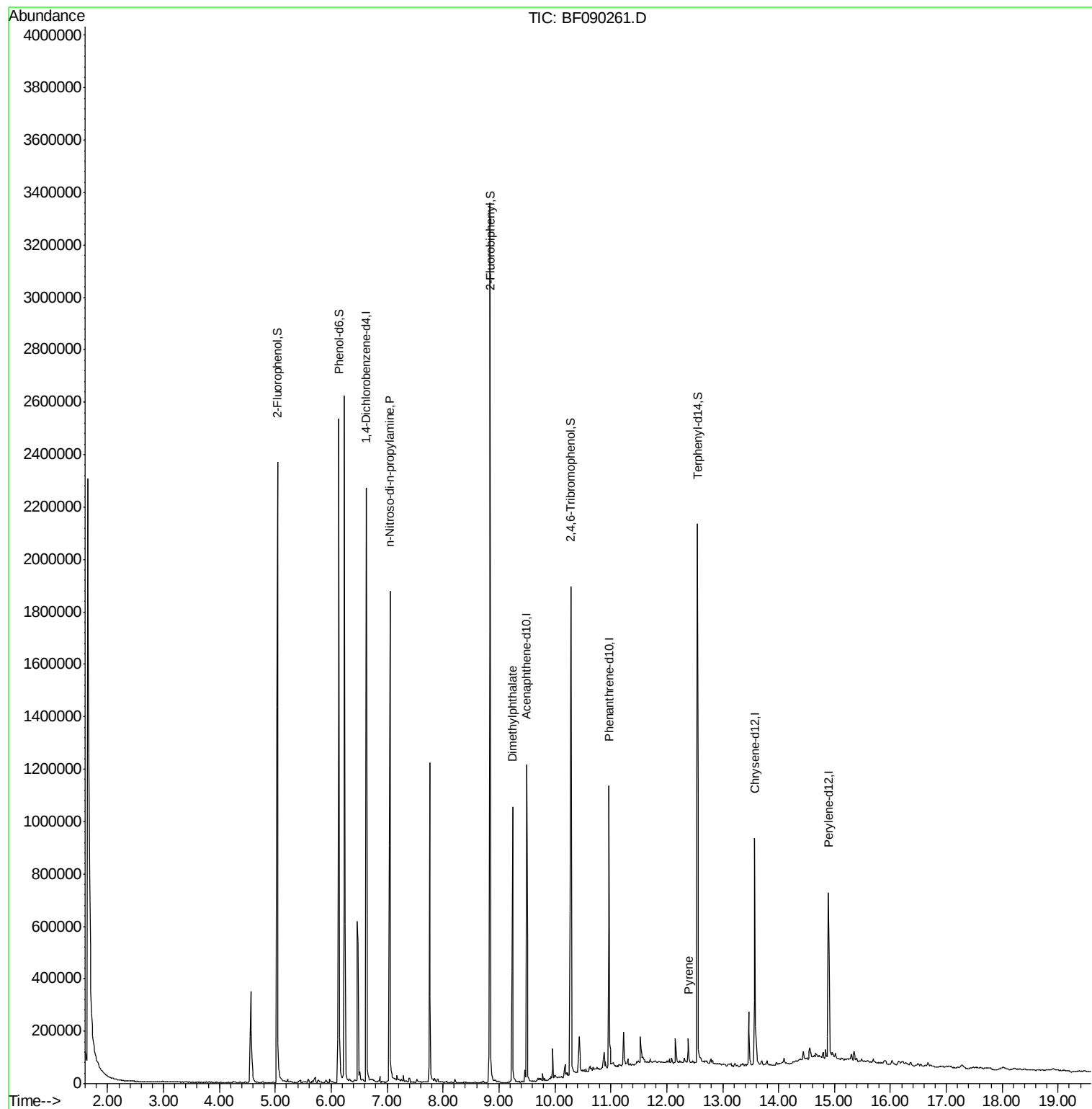
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	378469	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.77
38) Acenaphthene-d10	9.50	164	304852	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	483631	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	309936	20.00	ng	-0.02
86) Perylene-d12	14.89	264	292168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	935085	40.27	ng	0.01
7) Phenol-d6	6.14	99	1245381	43.43	ng	0.00
23) Nitrobenzene-d5	7.05	82	791175	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	243991	93.29	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1280301	82.45	ng	-0.01
78) Terphenyl-d14	12.55	244	819280	67.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	101619	6.03	ng	Qvalue # 78
49) Dimethylphthalate	9.24	163	531682	27.38	ng	100
77) Pyrene	12.39	202	44564	2.10	ng	95

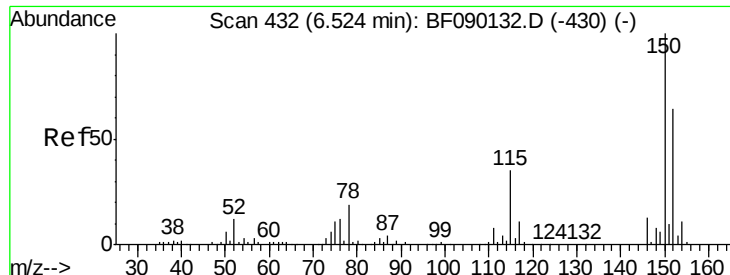
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.15 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

BROOKLYN09

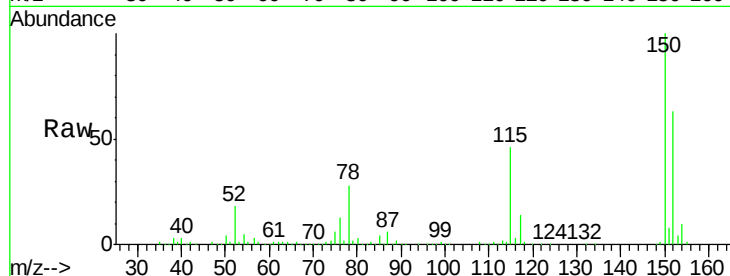
Tgt Ion:152 Resp: 378469

Ion Ratio Lower Upper

152 100

150 157.8 128.9 193.3

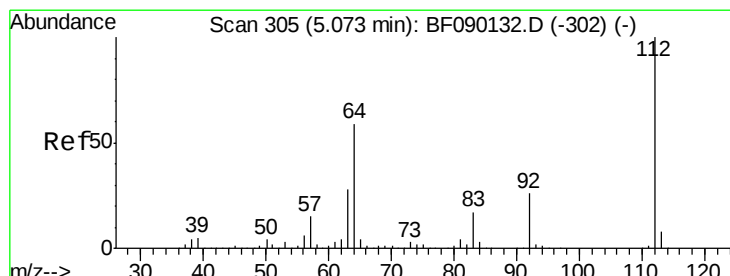
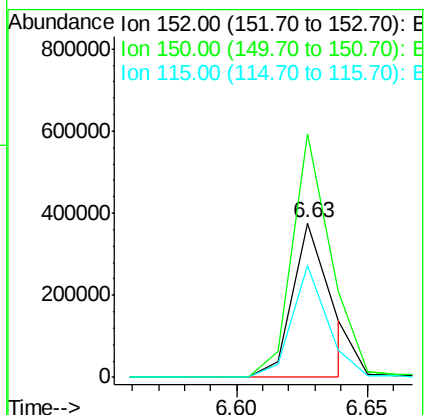
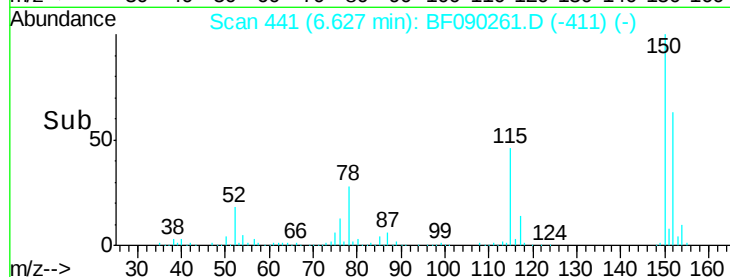
115 72.7 55.5 83.3



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: 40.27 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

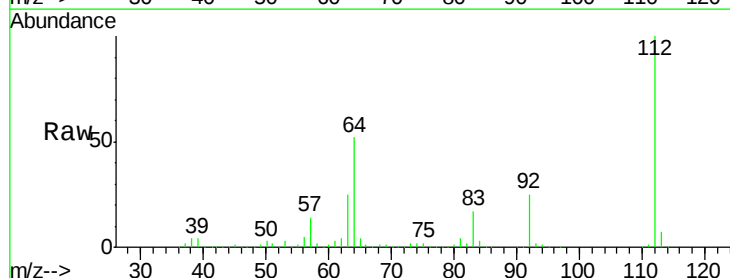
Tgt Ion:112 Resp: 935085

Ion Ratio Lower Upper

112 100

64 52.1 39.8 59.6

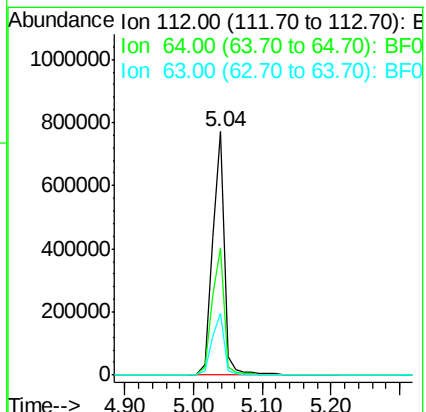
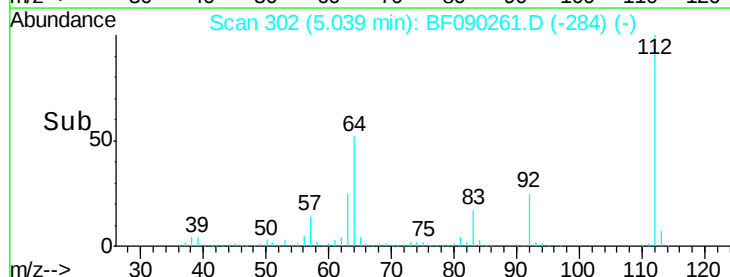
63 25.4 18.9 28.3

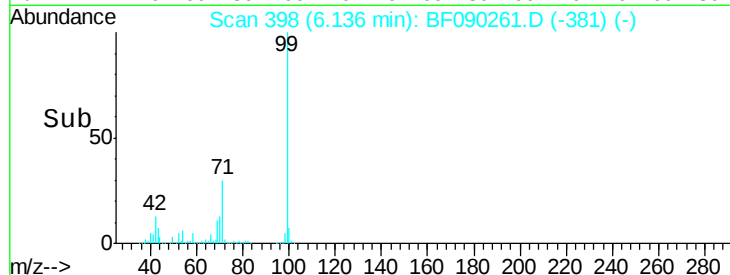
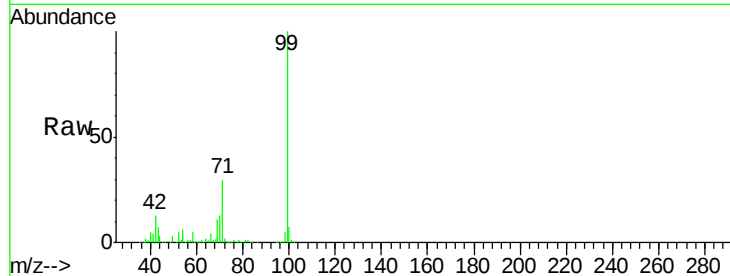


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.43 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

BROOKLYN09

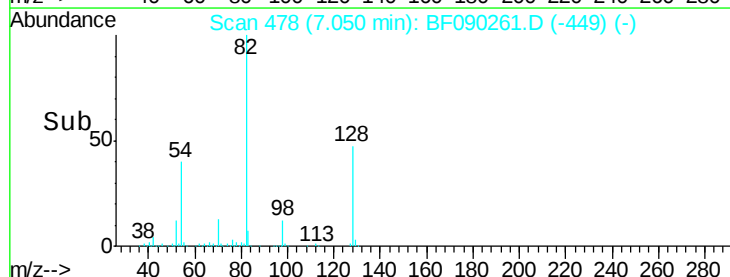
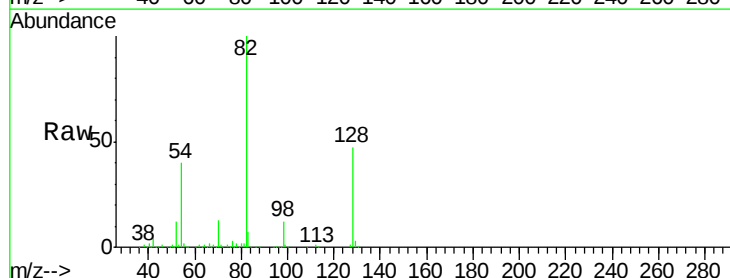
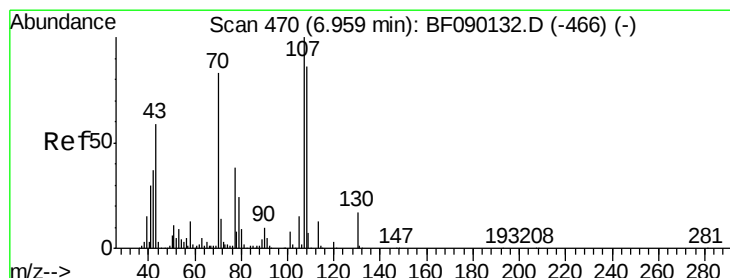
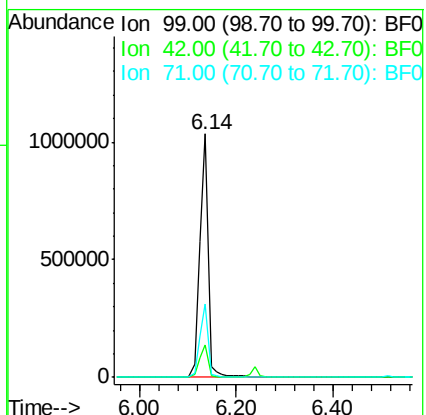
Tgt Ion: 99 Resp: 1245381

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 30.3 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 6.03 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Tgt Ion: 70 Resp: 101619

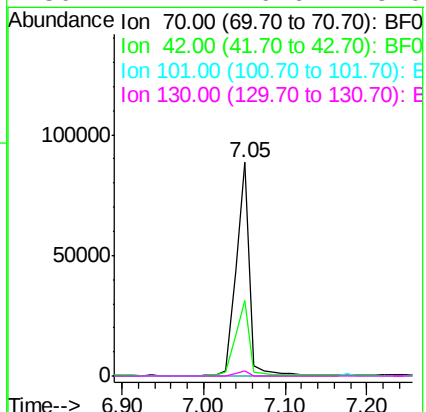
Ion Ratio Lower Upper

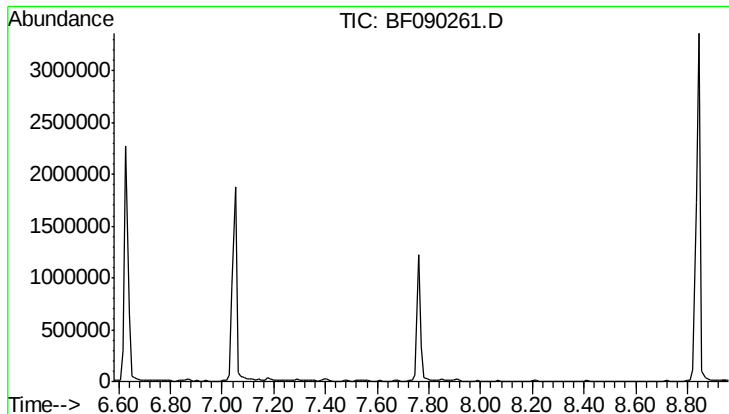
70 100

42 35.4 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#





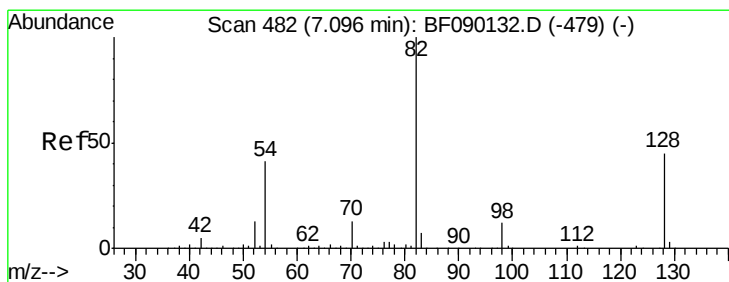
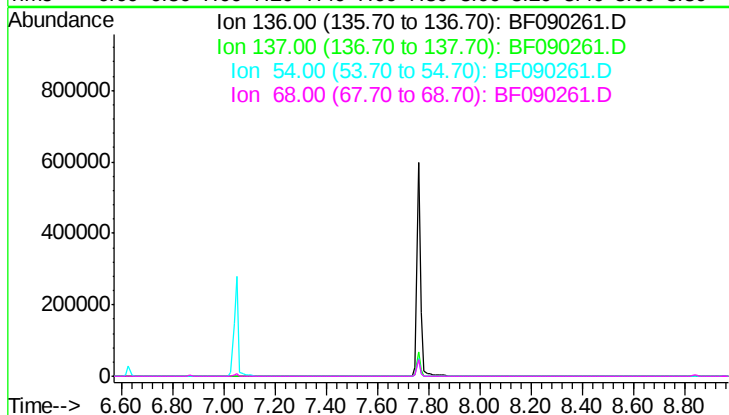
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min

Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
BROOKLYN09

Tgt Ion: 136

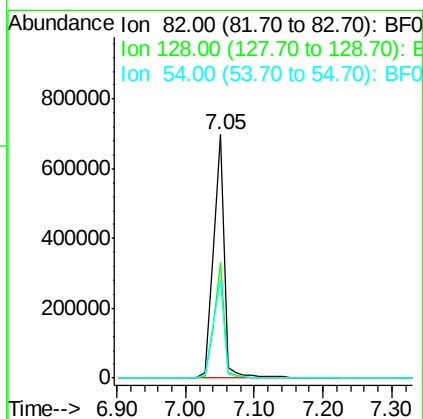
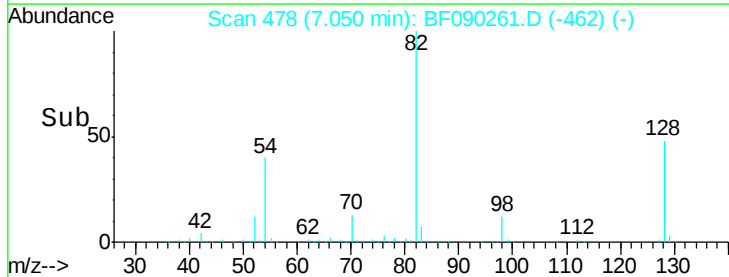
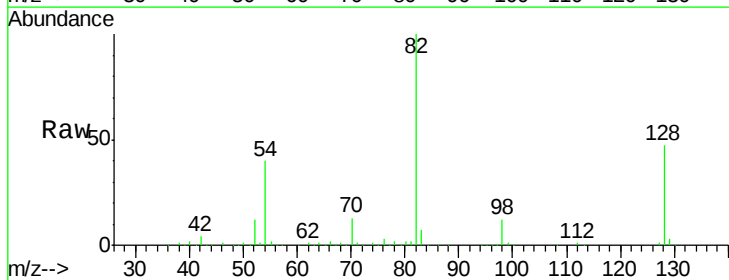
Sig	Exp Ratio
136	100
137	11.2
54	8.0
68	7.9

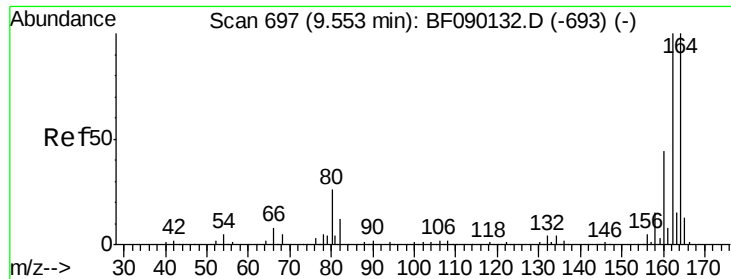


#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Tgt Ion: 82 Resp: 791175

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	40.2	31.9	47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

BROOKLYN09

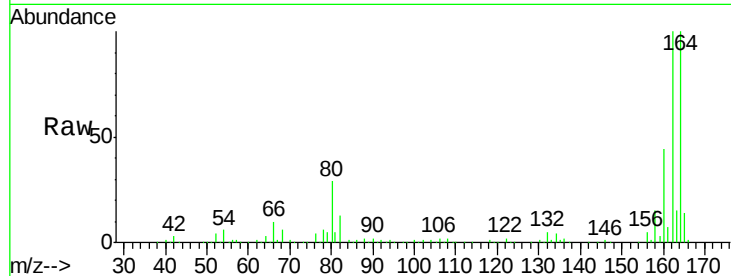
Tgt Ion:164 Resp: 304852

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.2

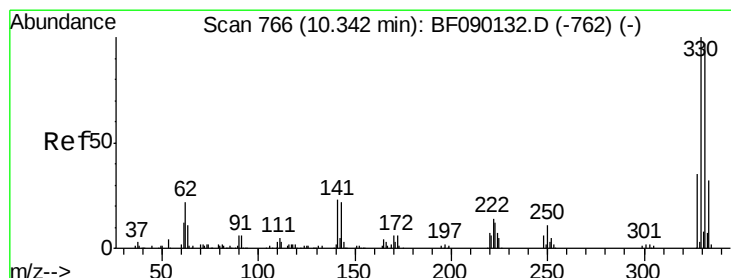
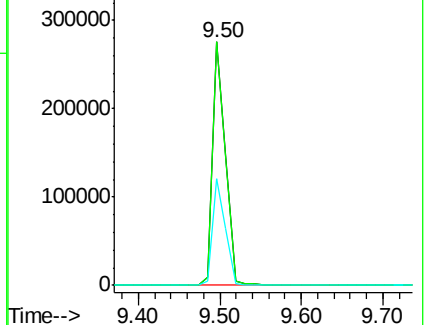
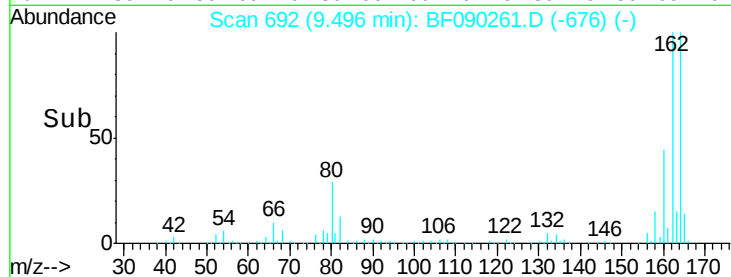
160 43.9 36.6 54.8



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: 93.29 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

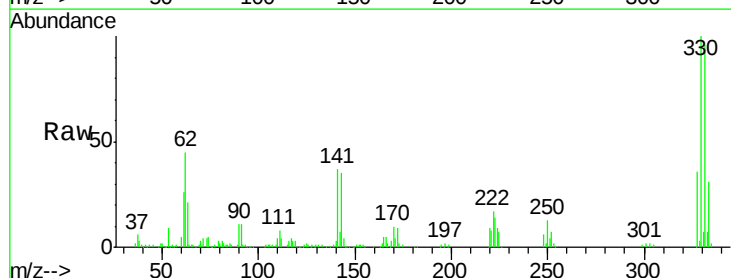
Tgt Ion:330 Resp: 243991

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

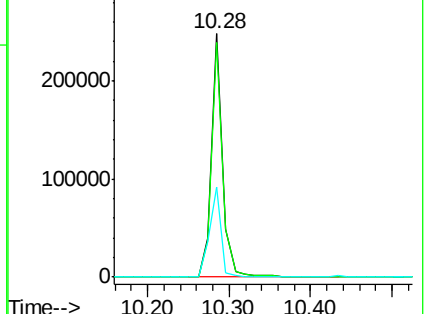
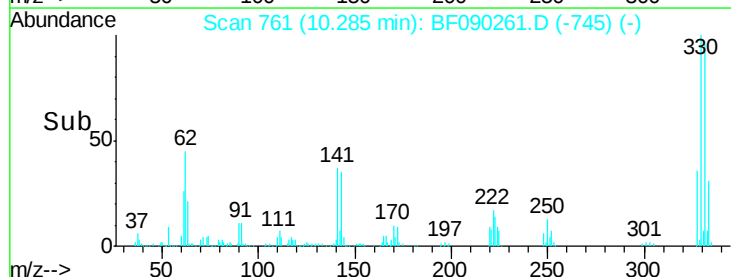
141 38.9 23.9 35.9#

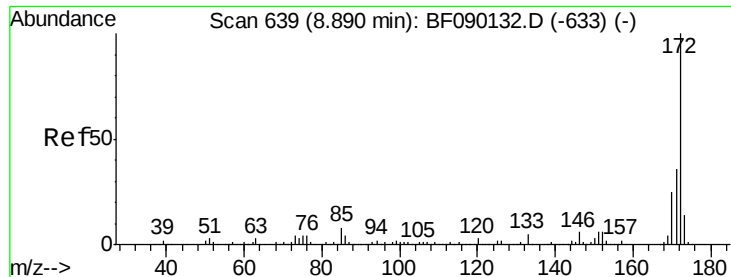


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

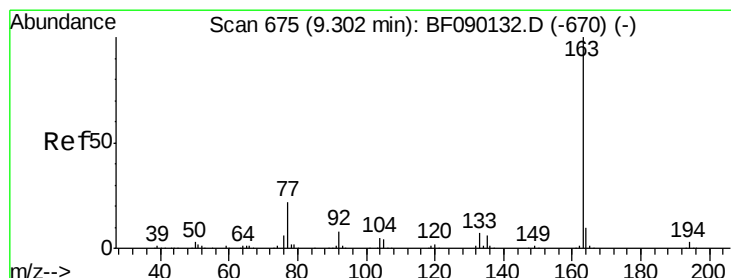
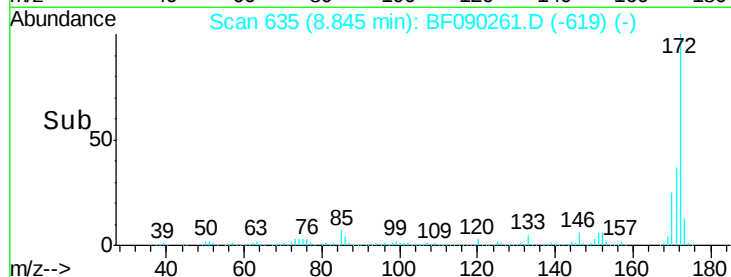
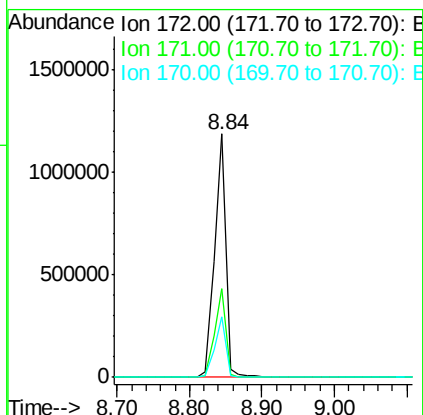
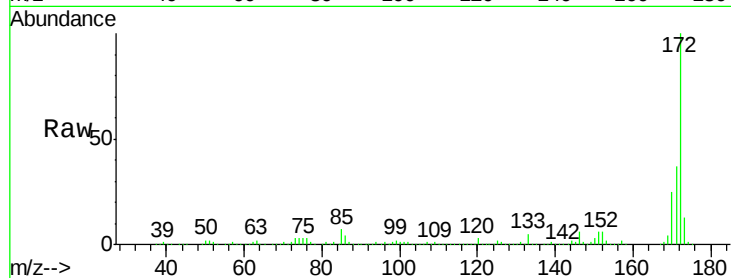




#44
 2-Fluorobiphenyl
 Concen: 82.45 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

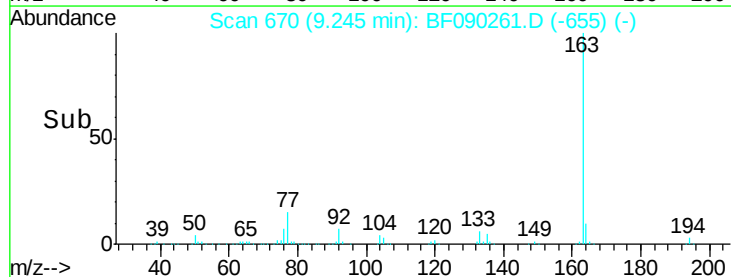
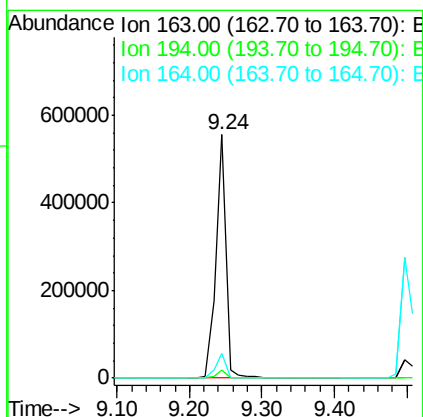
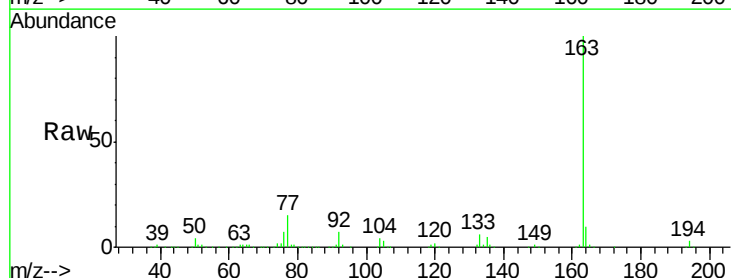
Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN09

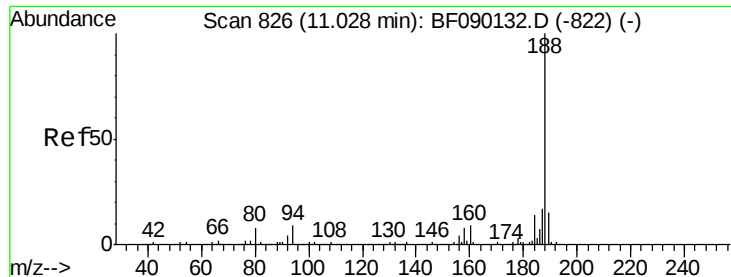
Tgt Ion:172 Resp: 1280301
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 24.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 27.38 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Tgt Ion:163 Resp: 531682
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 10.1 8.1 12.1

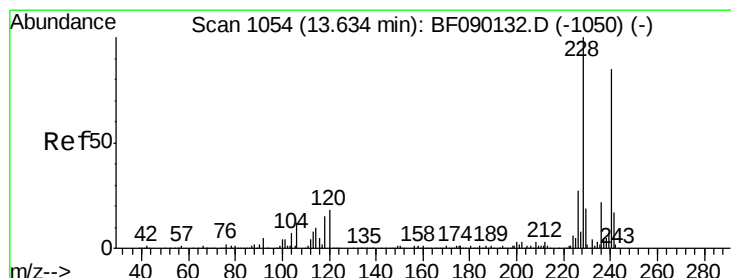
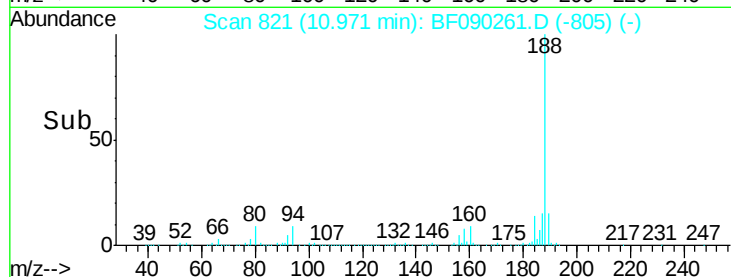
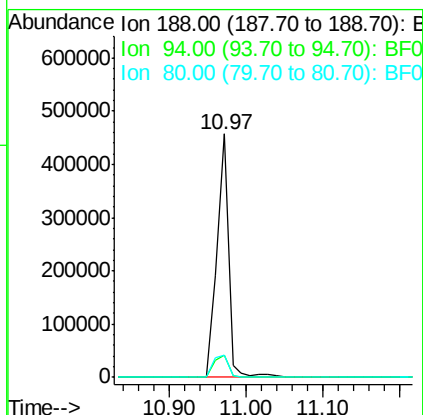
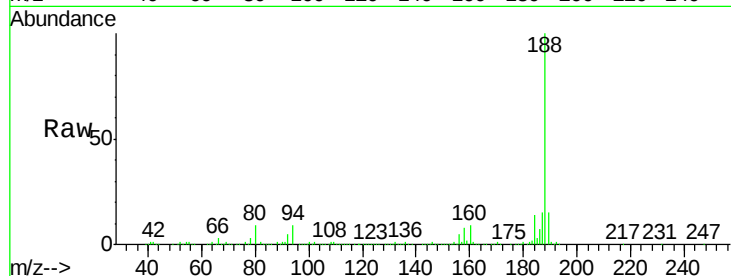




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

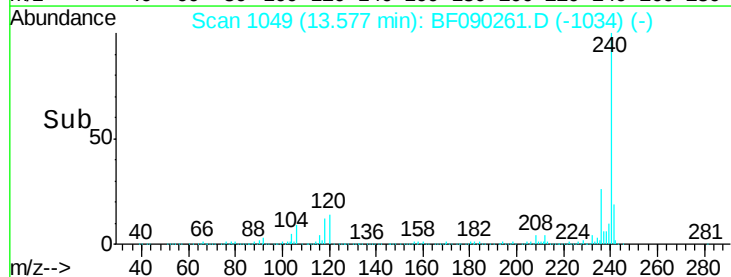
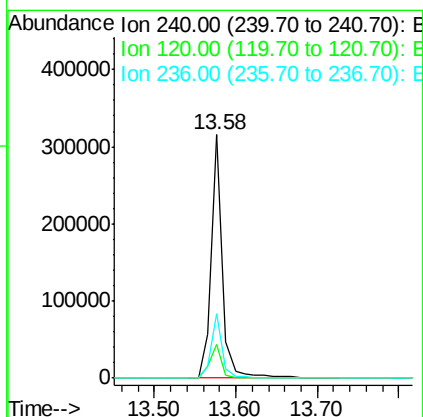
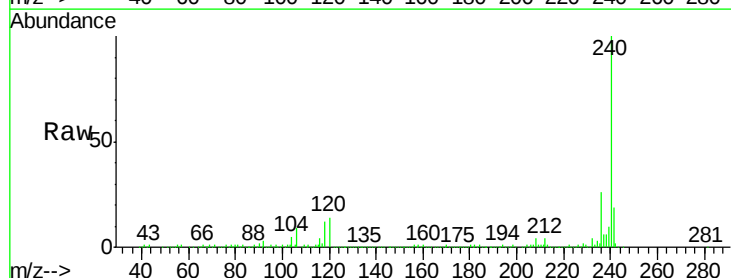
Instrument :
BNA_F
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BROOKLYN09

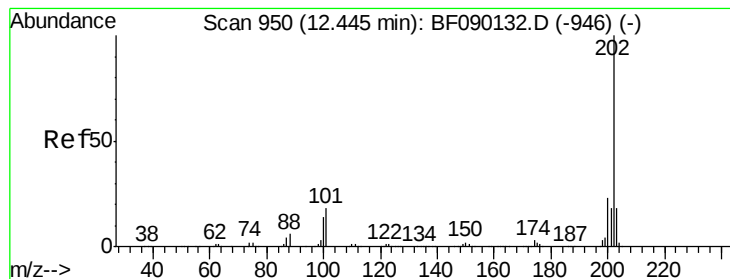
Tgt Ion:188 Resp: 483631
Ion Ratio Lower Upper
188 100
94 8.9 10.5 15.7#
80 8.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Tgt Ion:240 Resp: 309936
Ion Ratio Lower Upper
240 100
120 13.7 10.6 16.0
236 26.3 21.6 32.4





#77

Pyrene

Concen: 2.10 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

BROOKLYN09

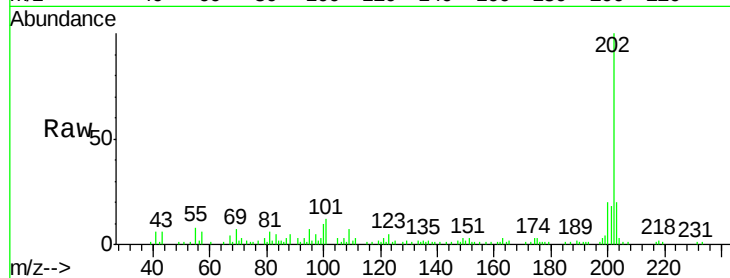
Tgt Ion:202 Resp: 44564

Ion Ratio Lower Upper

202 100

200 19.6 17.9 26.9

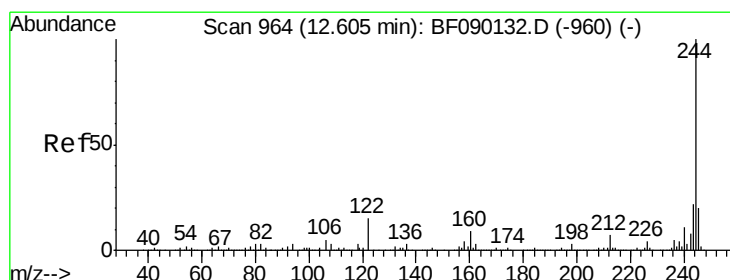
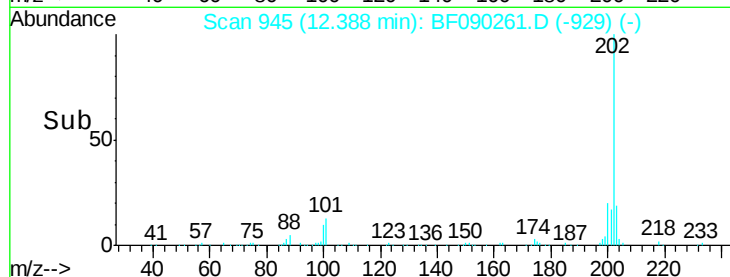
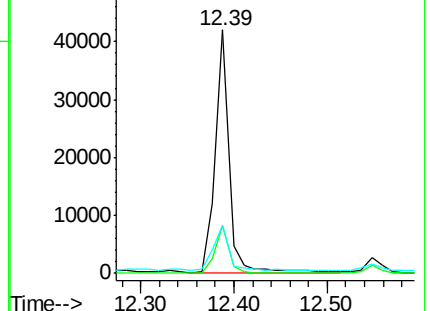
203 19.6 14.2 21.4



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: 67.11 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

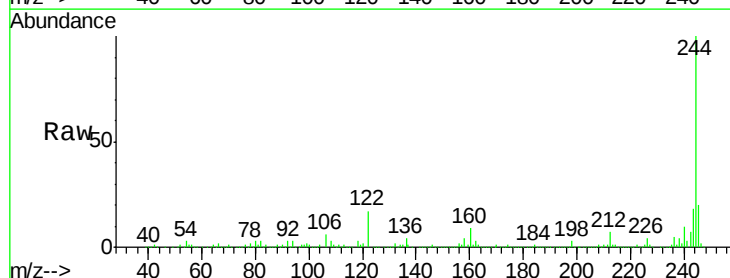
Tgt Ion:244 Resp: 819280

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

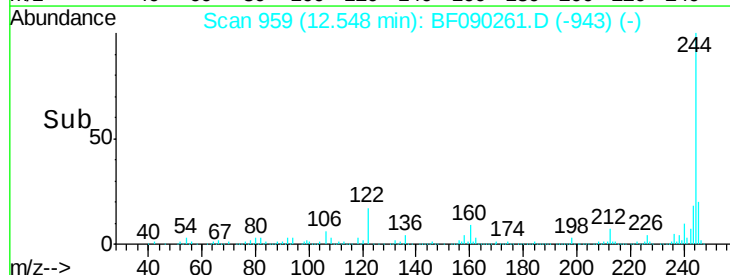
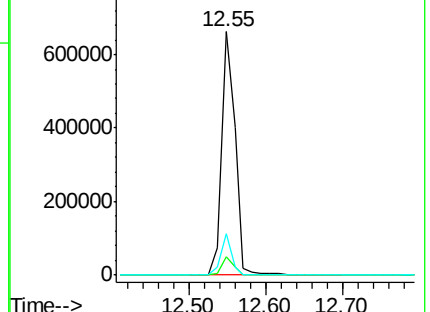
122 17.0 9.4 14.0#

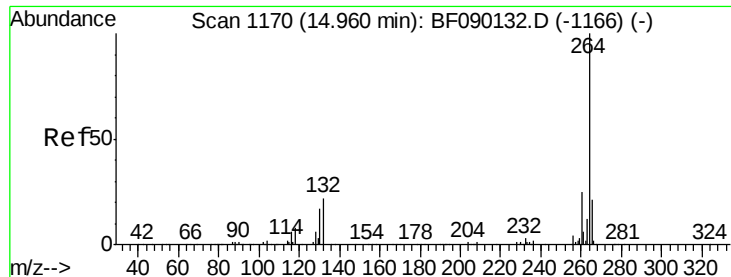


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.0	25.4

