

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090323.D
 Acq On : 30 Sep 2016 20:22
 Operator : UM/SJ
 Sample : H5023-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-ABI54-09272016

Quant Time: Sep 30 22:58:47 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

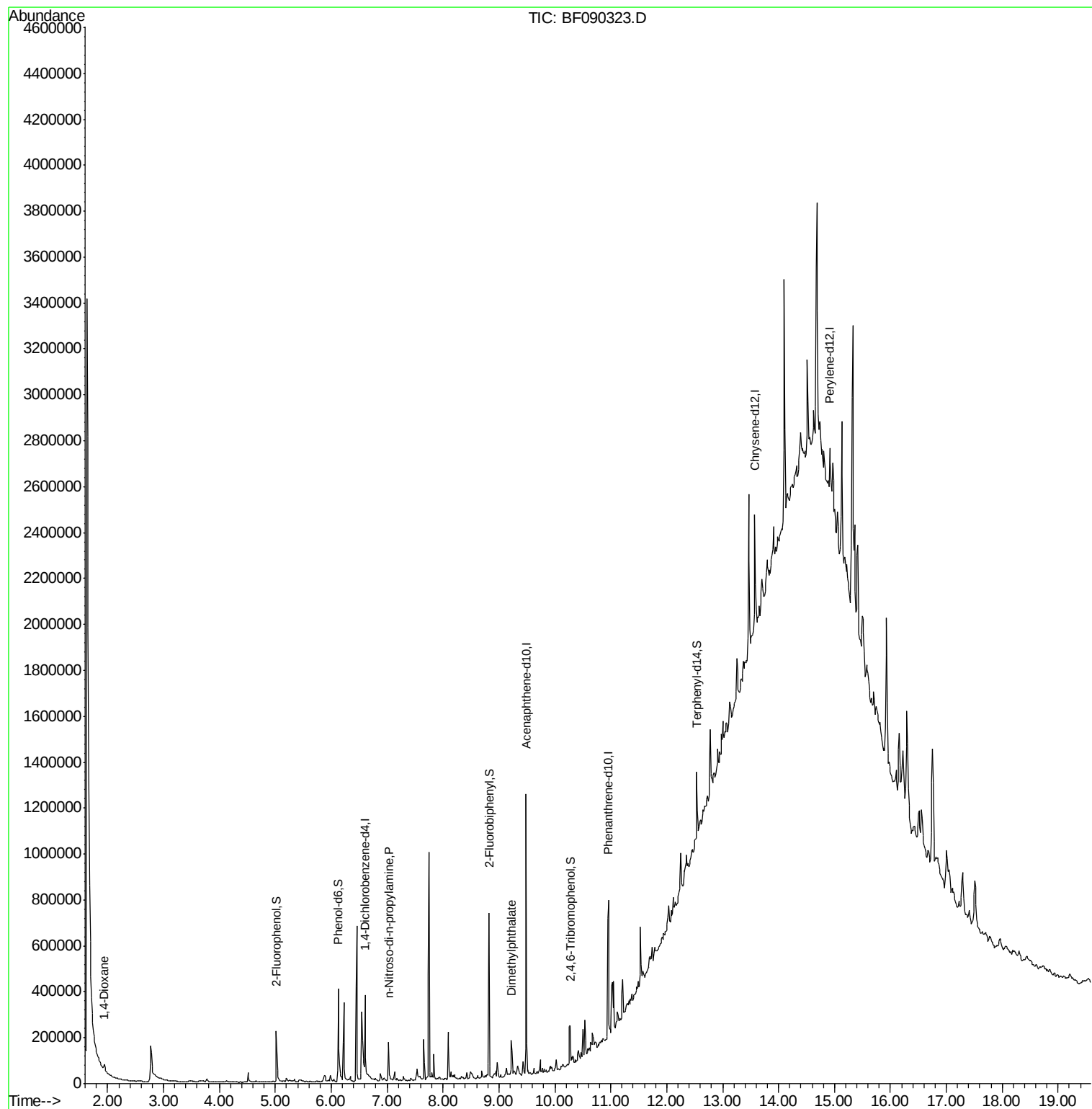
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	52767	20.00	ng	0.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.77
38) Acenaphthene-d10	9.48	164	241365	20.00	ng	-0.02
63) Phenanthrene-d10	10.96	188	304443	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	220582	20.00	ng	-0.02
86) Perylene-d12	14.91	264	149259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	104754	32.36	ng	-0.01
7) Phenol-d6	6.12	99	167775	41.97	ng	-0.01
23) Nitrobenzene-d5	7.03	82	83279	0.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	30889	14.92	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	205213	16.69	ng	-0.03
78) Terphenyl-d14	12.54	244	110948	12.77	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.94	88	8894	5.06	ng	# 31
19) n-Nitroso-di-n-propylamine	7.03	70	10308	4.39	ng	# 79
49) Dimethylphthalate	9.22	163	54646	3.55	ng	99

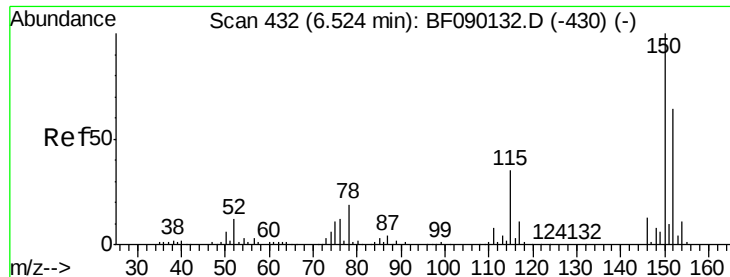
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.13 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

WC-AREA-ABI54-09272016

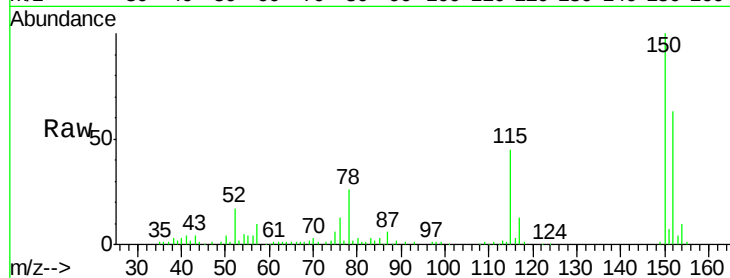
Tgt Ion:152 Resp: 52767

Ion Ratio Lower Upper

152 100

150 159.2 128.9 193.3

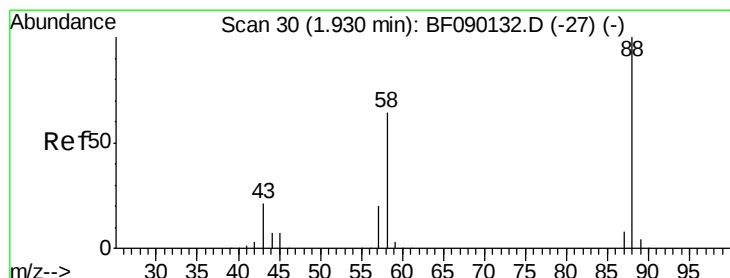
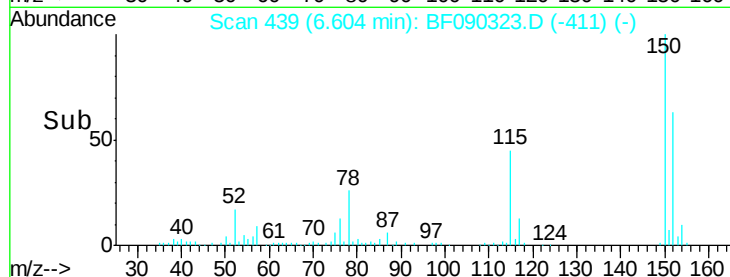
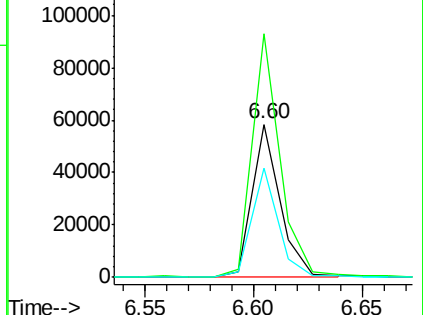
115 71.4 55.5 83.3



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



#2

1,4-Dioxane

Concen: 5.06 ng

RT: 1.94 min Scan# 31

Delta R.T. 0.10 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

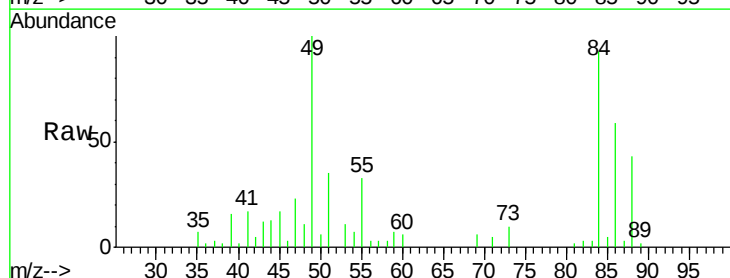
Tgt Ion: 88 Resp: 8894

Ion Ratio Lower Upper

88 100

58 3.1 53.4 80.0#

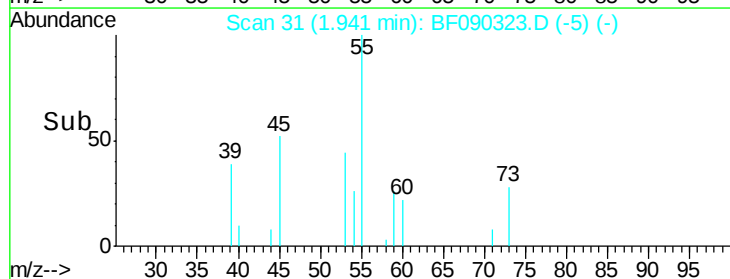
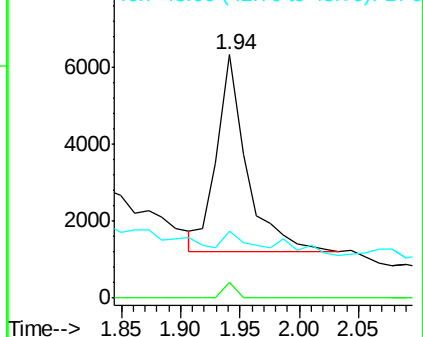
43 5.1 16.5 24.7#

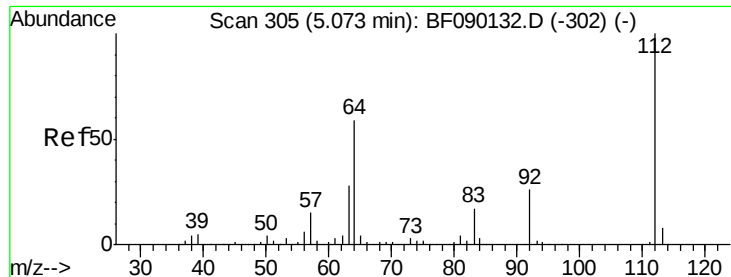


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 32.36 ng

RT: 5.02 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

WC-AREA-ABI54-09272016

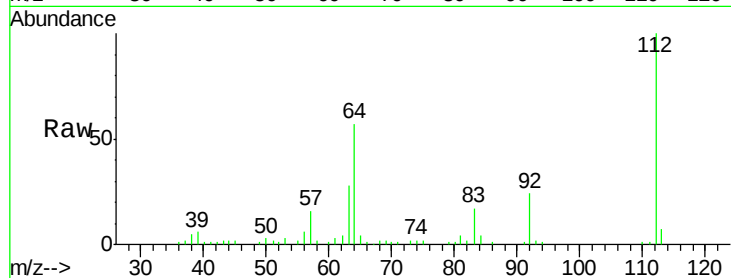
Tgt Ion: 112 Resp: 104754

Ion Ratio Lower Upper

112 100

64 57.0 39.8 59.6

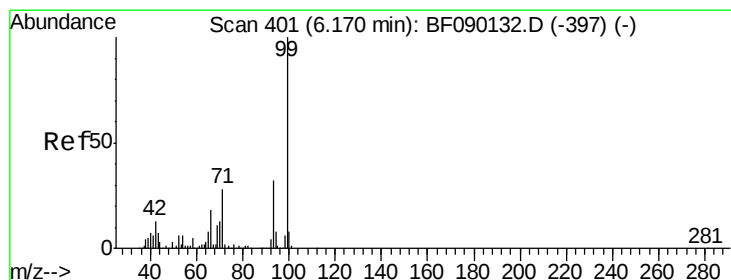
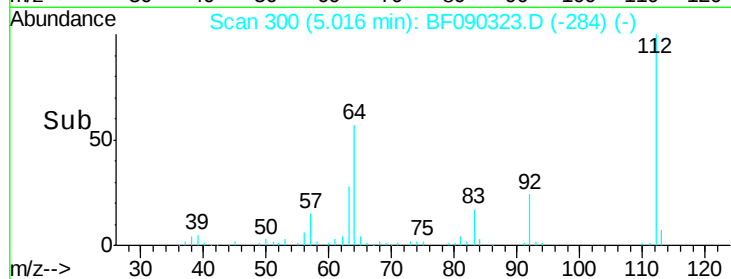
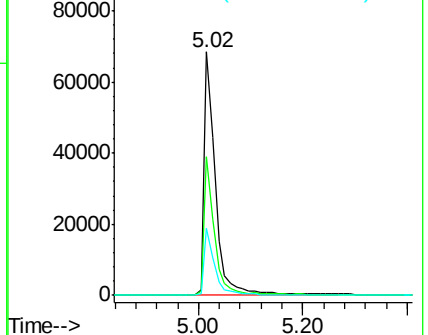
63 27.8 18.9 28.3



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: 41.97 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

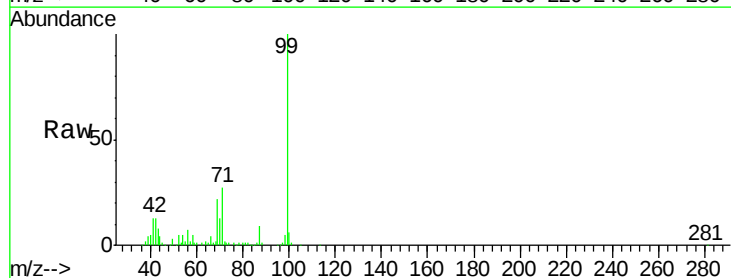
Tgt Ion: 99 Resp: 167775

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

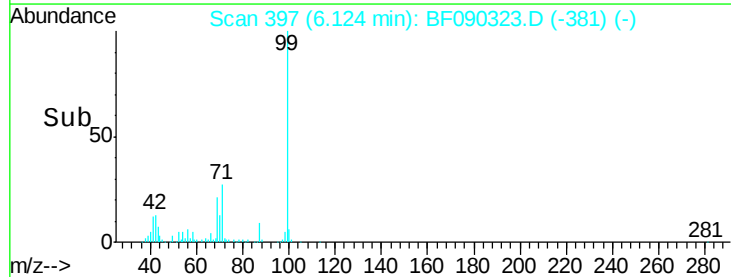
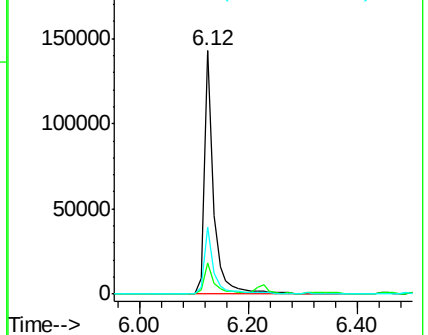
71 27.4 23.0 34.6

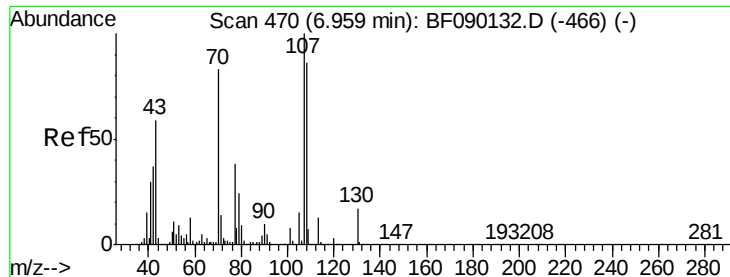


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

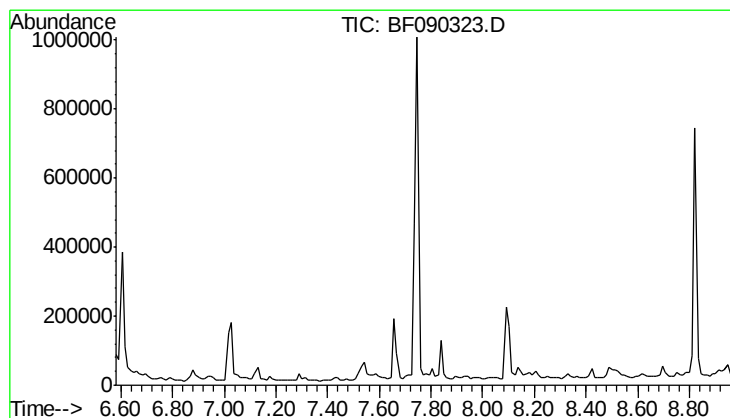
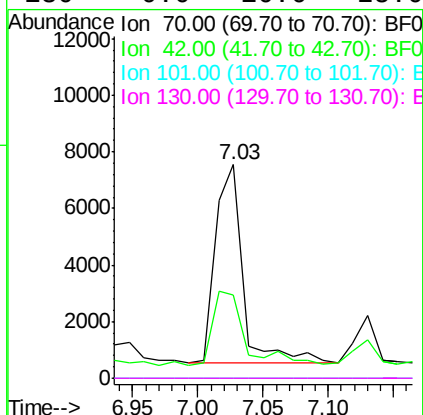
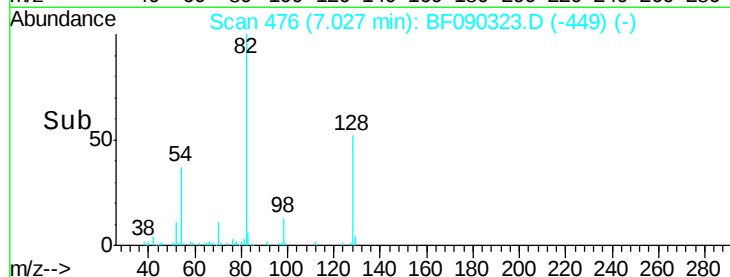
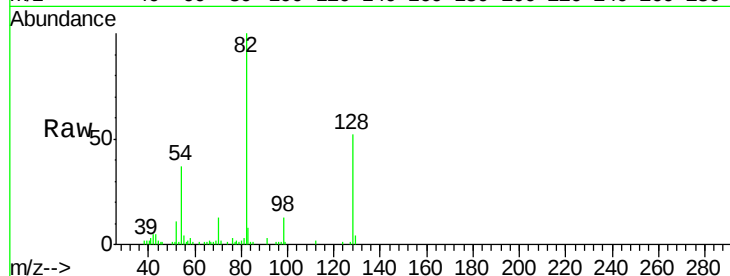




#19
n-Nitroso-di-n-propylamine
Concen: 4.39 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.11 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WC-AREA-ABI54-09272016

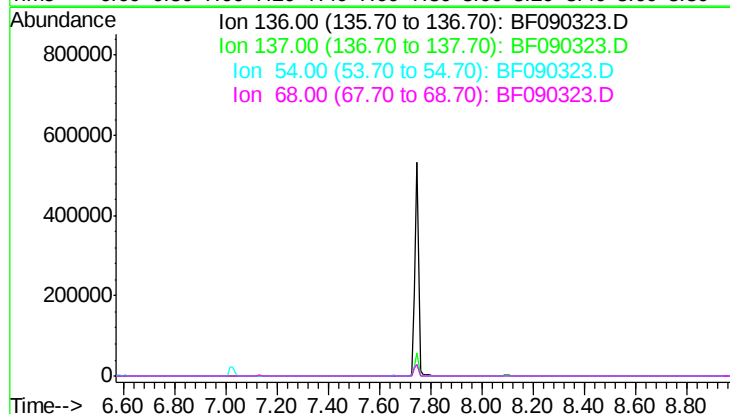
Tgt Ion:	70	Resp:	10308
Ion	Ratio	Lower	Upper
70	100		
42	38.7	35.1	52.7
101	0.0	7.5	11.3#
130	0.0	16.6	25.0#

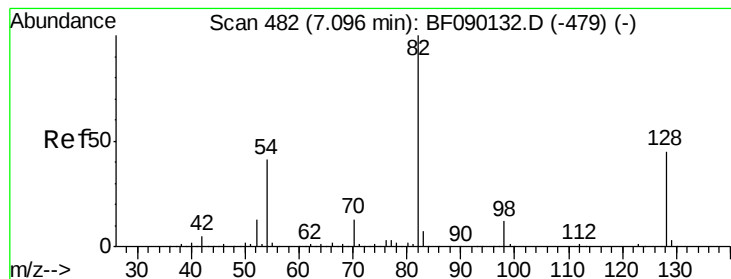


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min

Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

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: 7.03 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

WC-AREA-ABI54-09272016

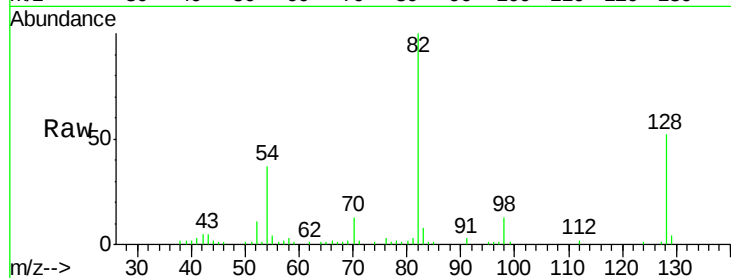
Tgt Ion: 82 Resp: 83279

Ion Ratio Lower Upper

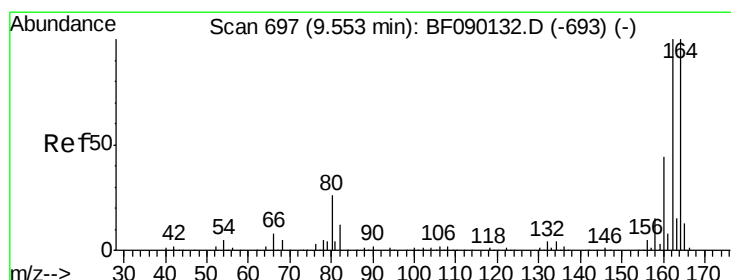
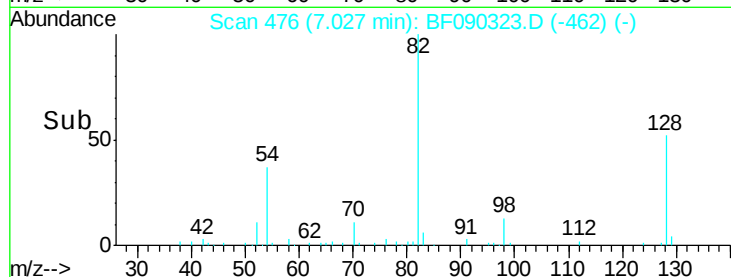
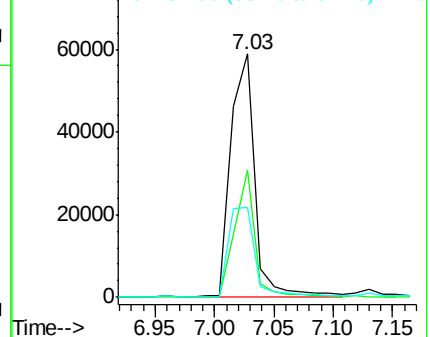
82 100

128 52.2 37.5 56.3

54 36.9 31.9 47.9



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: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

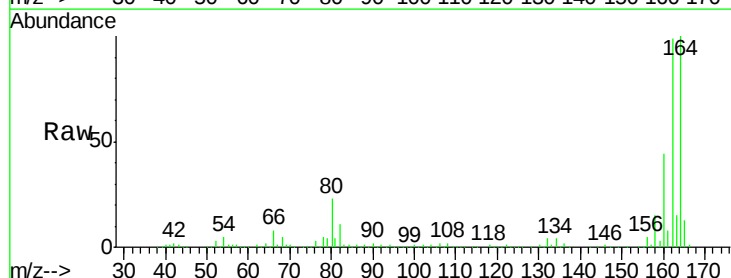
Tgt Ion: 164 Resp: 241365

Ion Ratio Lower Upper

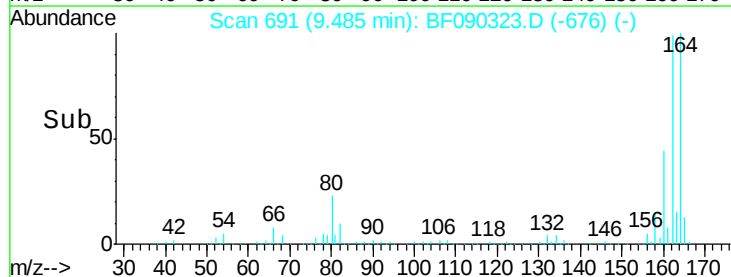
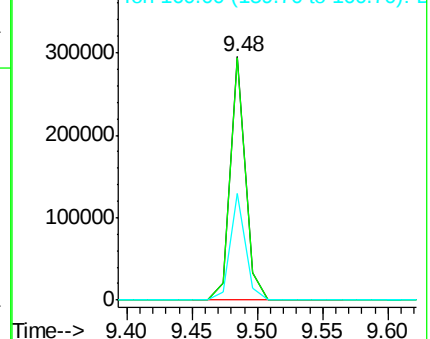
164 100

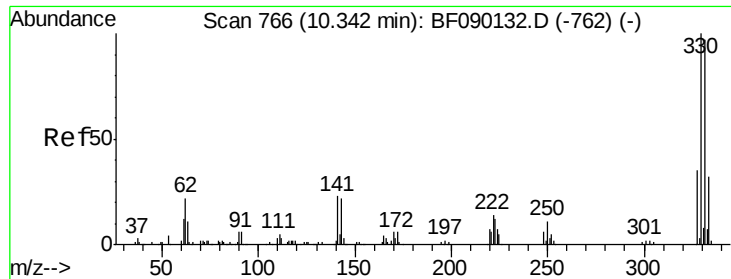
162 99.3 81.4 122.2

160 43.6 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

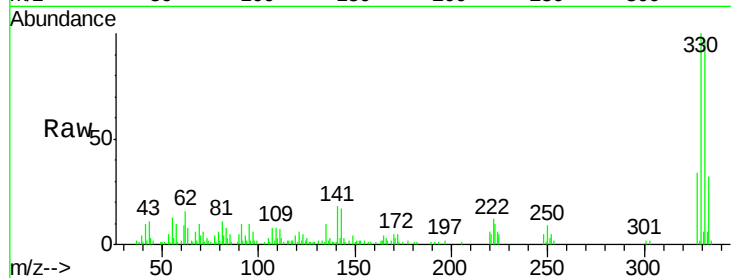




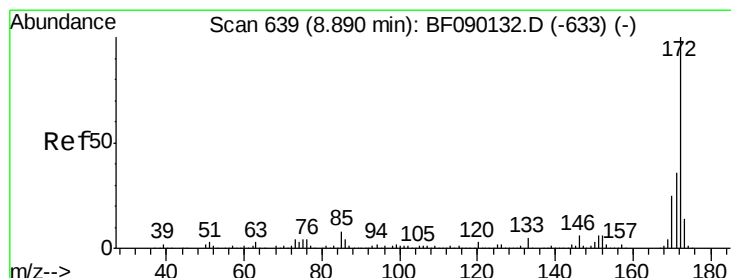
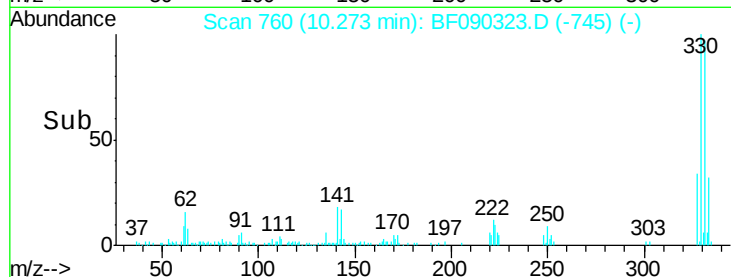
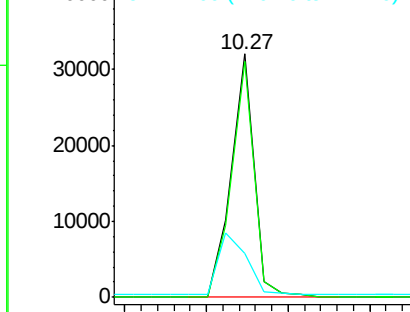
#41
 2,4,6-Tribromophenol
 Concen: 14.92 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090323.D
 Acq: 30 Sep 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-ABI54-09272016

Tgt Ion:330 Resp: 30889
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 34.2 23.9 35.9

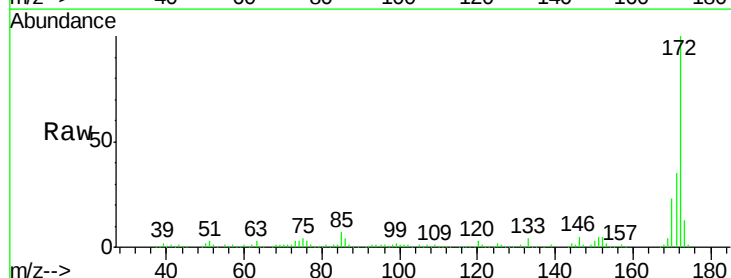


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

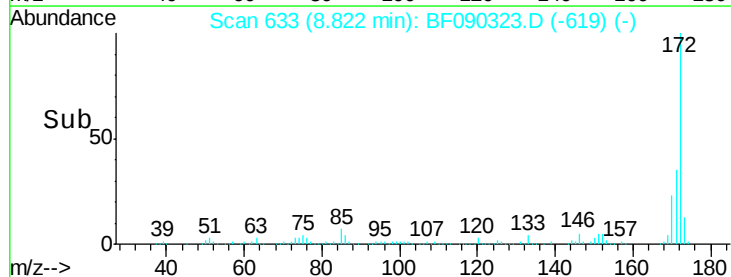
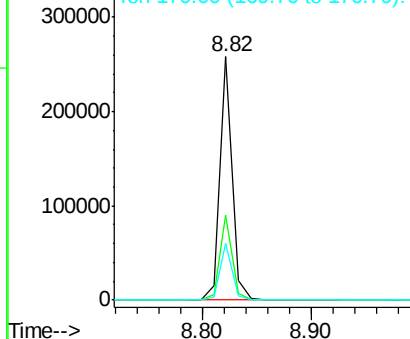


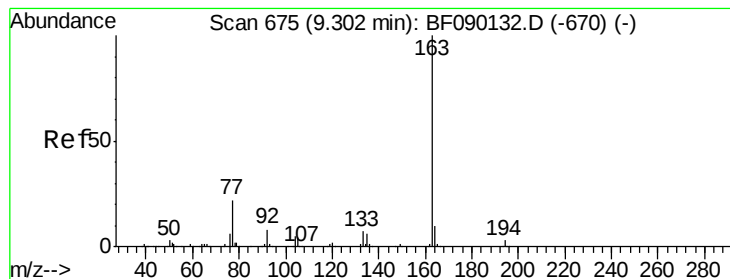
#44
 2-Fluorobiphenyl
 Concen: 16.69 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF090323.D
 Acq: 30 Sep 2016 20:22

Tgt Ion:172 Resp: 205213
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.2 43.8
 170 23.1 19.8 29.8



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: 3.55 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

WC-AREA-ABI54-09272016

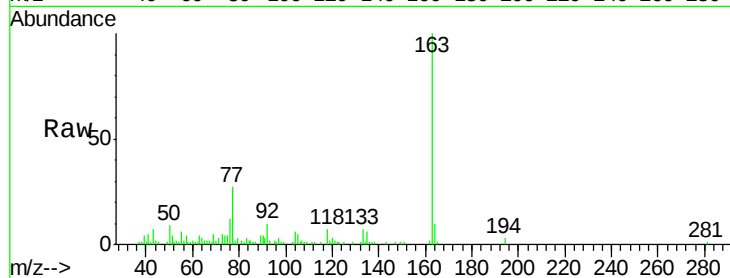
Tgt Ion:163 Resp: 54646

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

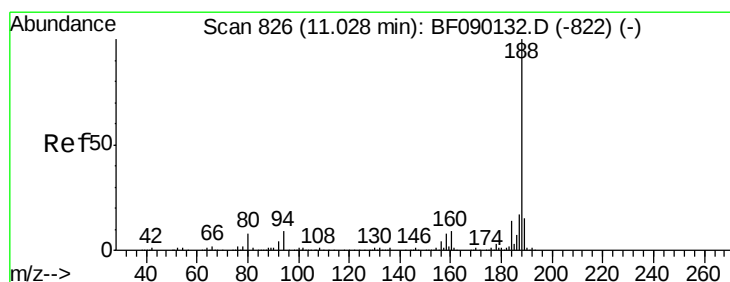
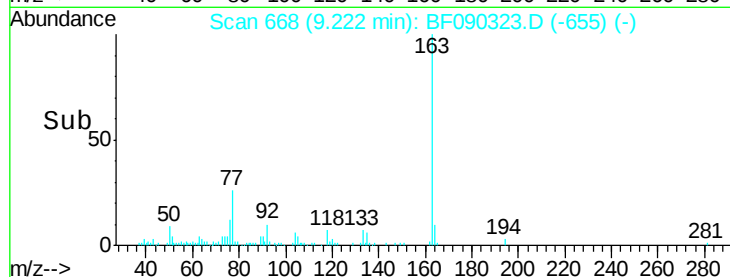
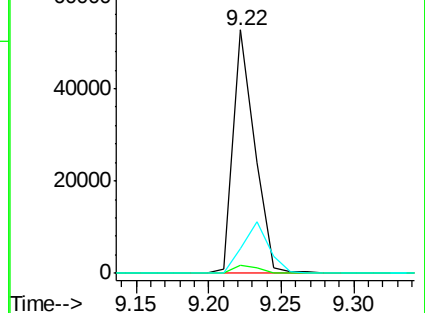
164 10.4 8.1 12.1



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: 10.96 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

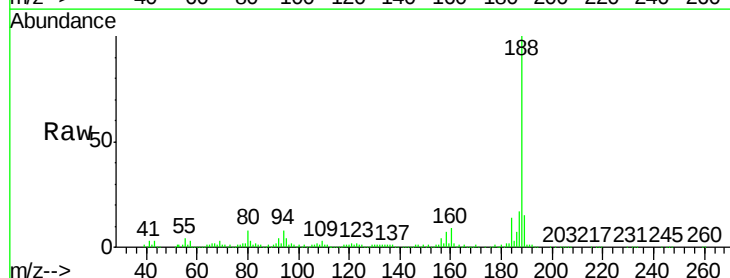
Tgt Ion:188 Resp: 304443

Ion Ratio Lower Upper

188 100

94 7.8 10.5 15.7#

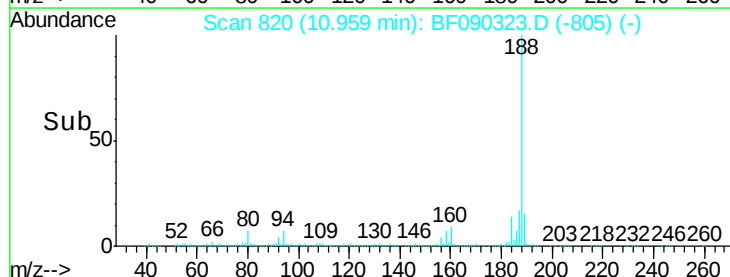
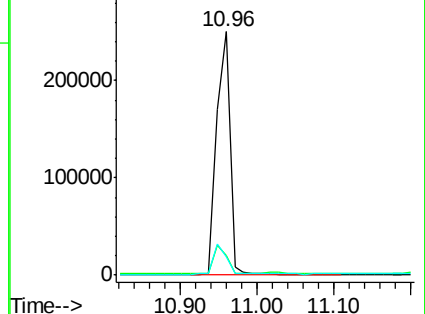
80 7.6 11.2 16.8#

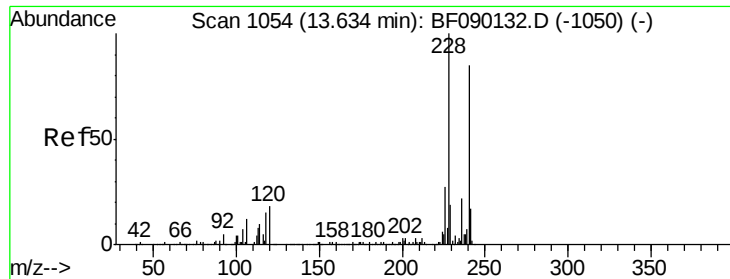


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

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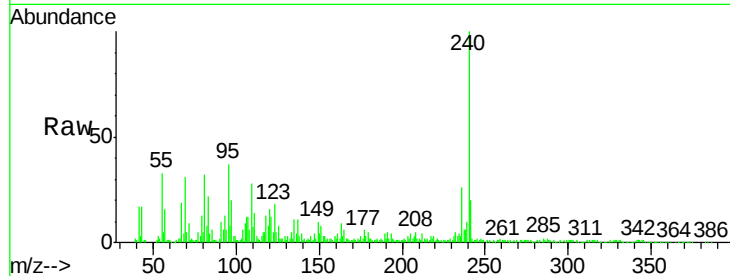
Tgt Ion:240 Resp: 220582

Ion Ratio Lower Upper

240 100

120 16.1 10.6 16.0#

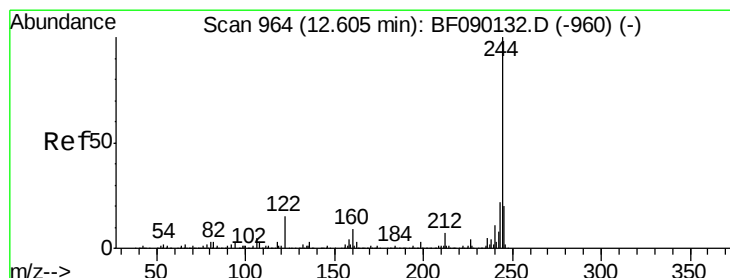
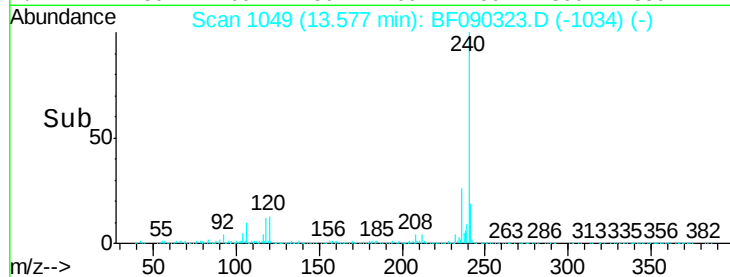
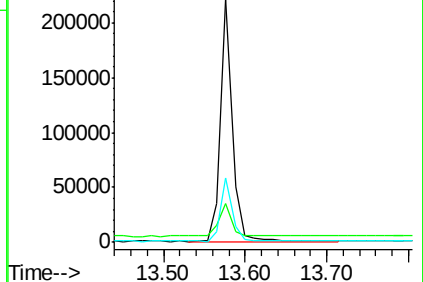
236 26.4 21.6 32.4



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: 12.77 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

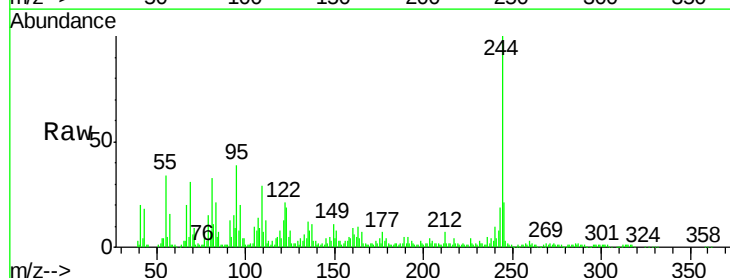
Tgt Ion:244 Resp: 110948

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

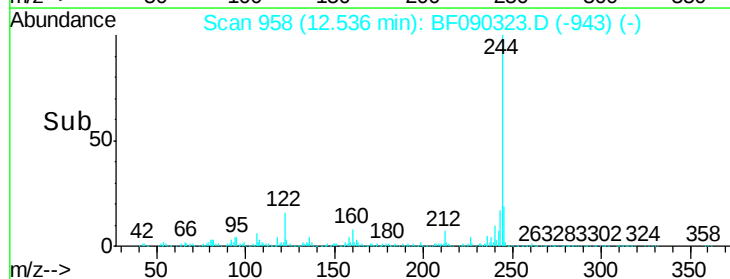
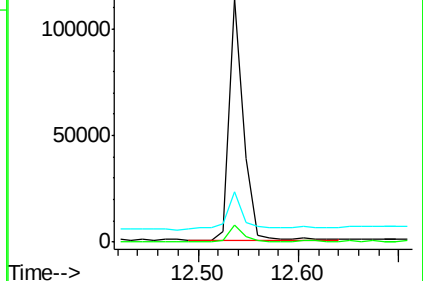
122 20.8 9.4 14.0#

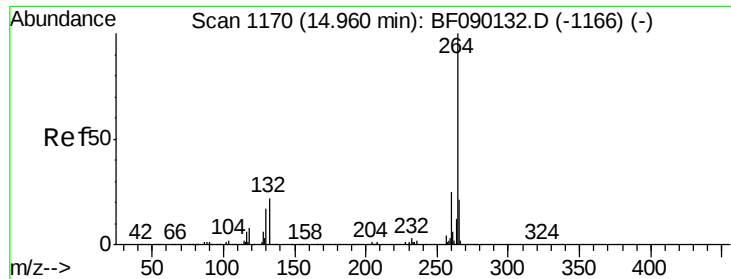


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

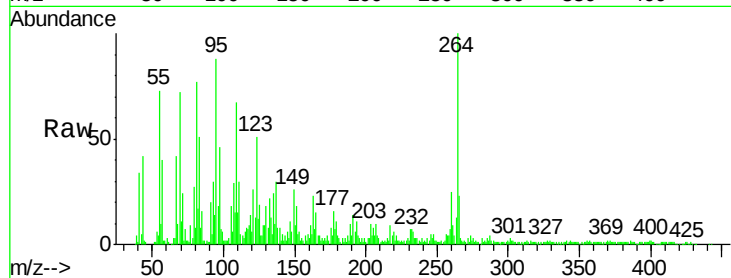




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WC-AREA-ABI54-09272016

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.5	17.0	25.4



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

