

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089102.D
 Acq On : 19 Jul 2016 1:10
 Operator : UM/SJ
 Sample : H4045-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M9-B2(0-8)C

Quant Time: Jul 19 05:17:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

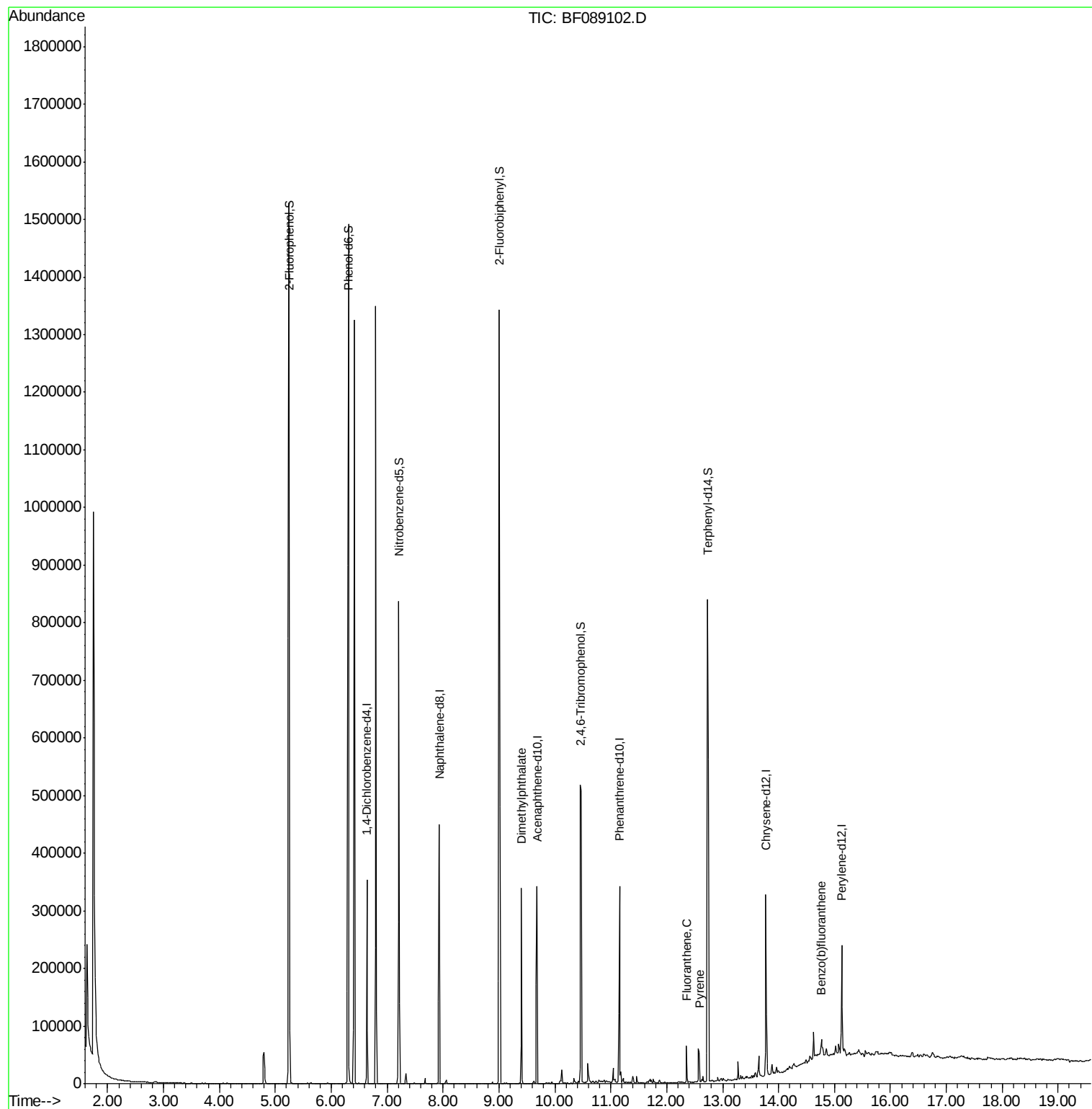
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	51911	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	207015	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	75655	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	129503	20.00	ng	0.00
75) Chrysene-d12	13.77	240	94206	20.00	ng	0.00
86) Perylene-d12	15.13	264	70685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	465602	134.42	ng	0.02
7) Phenol-d6	6.31	99	621068	138.77	ng	0.01
23) Nitrobenzene-d5	7.21	82	307742	77.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	86455	123.06	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	464616	97.01	ng	0.00
78) Terphenyl-d14	12.73	244	319053	75.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	129259	23.98	ng	99
74) Fluoranthene	12.35	202	23664	3.30	ng	99
77) Pyrene	12.58	202	17190	2.15	ng	100
87) Benzo(b)fluoranthene	14.77	252	10502m	2.37	ng	

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

Instrument :

BNA_F

ClientSampleId :

M9-B2(0-8)C

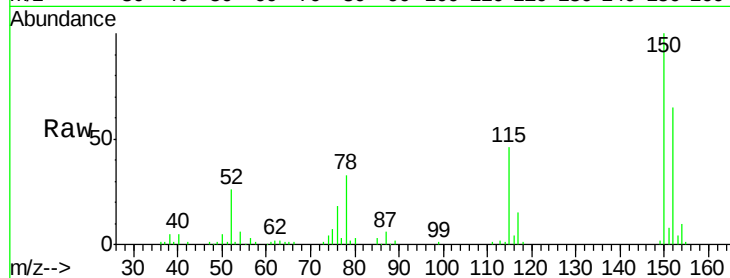
Tot Ion:152 Resp: 51911

Ion Ratio Lower Upper

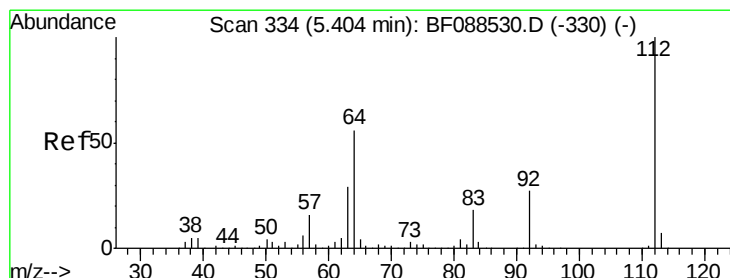
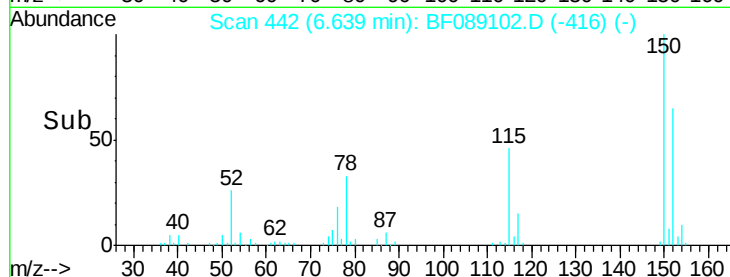
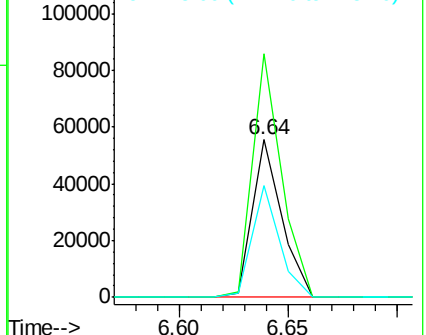
152 100

150 154.5 123.8 185.6

115 70.7 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: 134.42 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.02 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

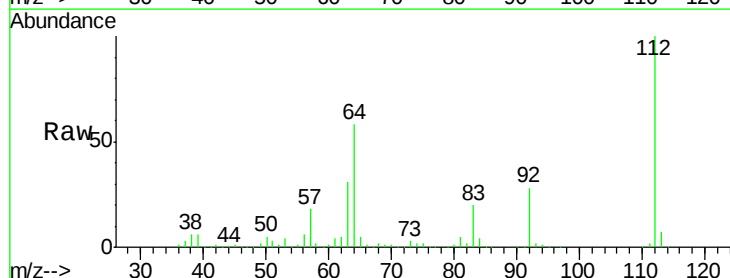
Tgt Ion:112 Resp: 465602

Ion Ratio Lower Upper

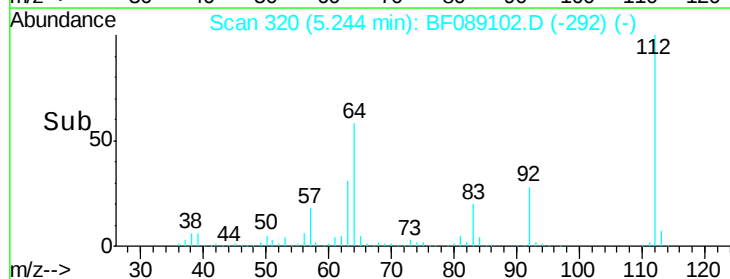
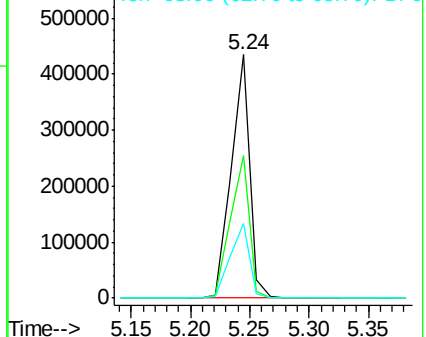
112 100

64 58.5 42.2 63.2

63 30.9 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: 138.77 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

Instrument :

BNA_F

ClientSampleId :

M9-B2(0-8)C

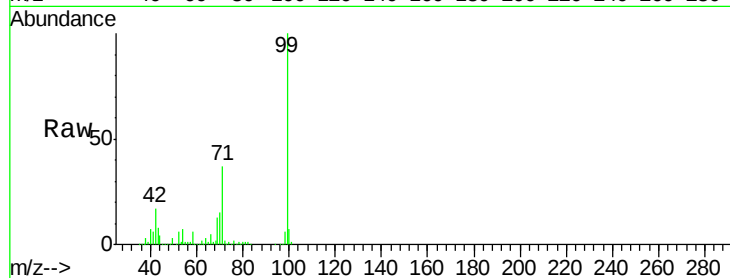
Tot Ion: 99 Resp: 621068

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

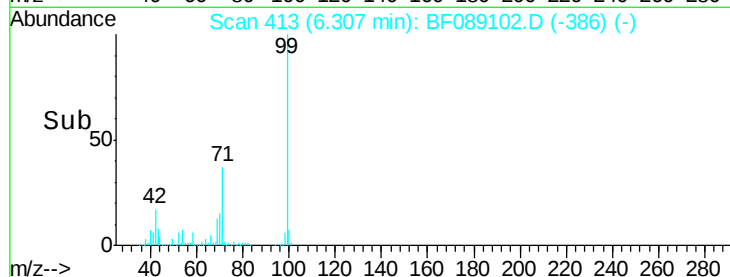
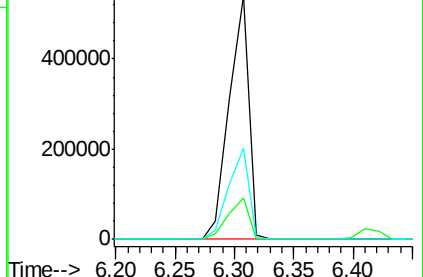
71 37.4 23.4 35.0#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

Tgt Ion: 136 Resp: 207015

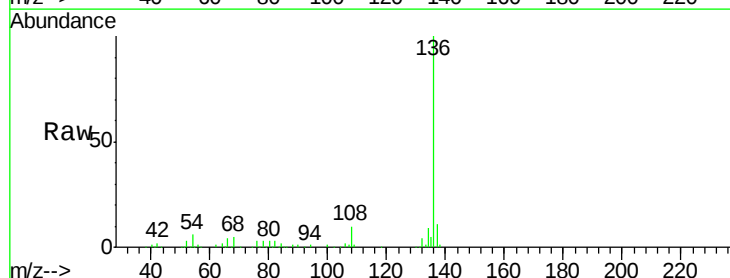
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.7 6.6 10.0#

68 4.8 5.1 7.7#

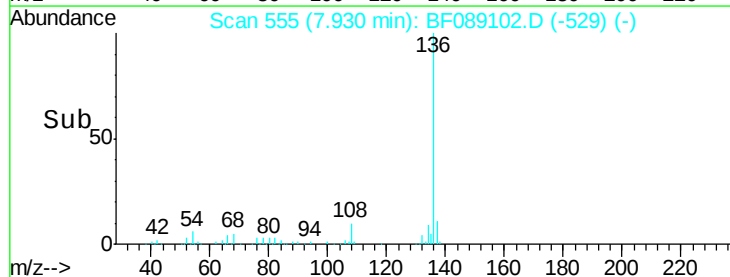
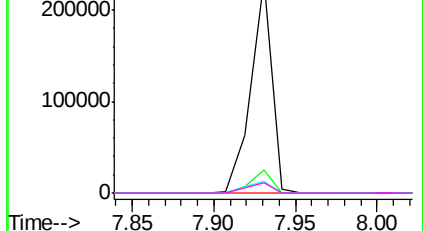


Abundance Ion 136.00 (135.70 to 136.70): E

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

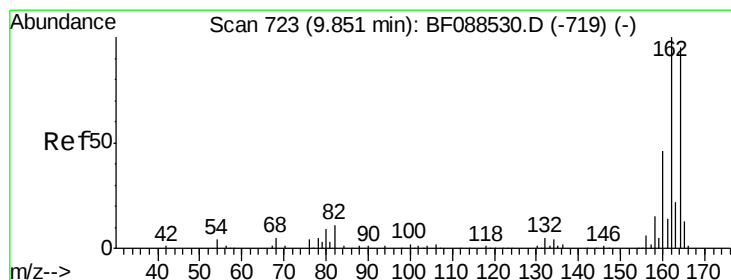
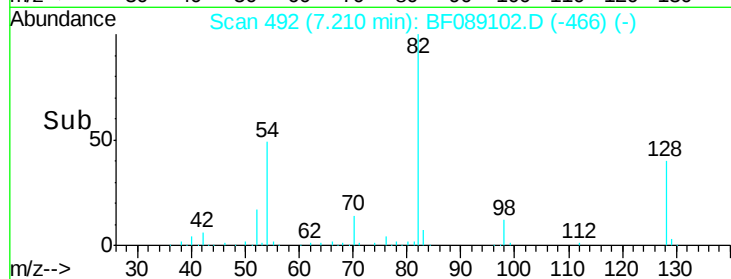
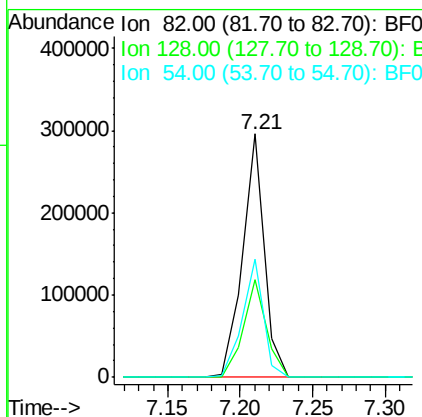
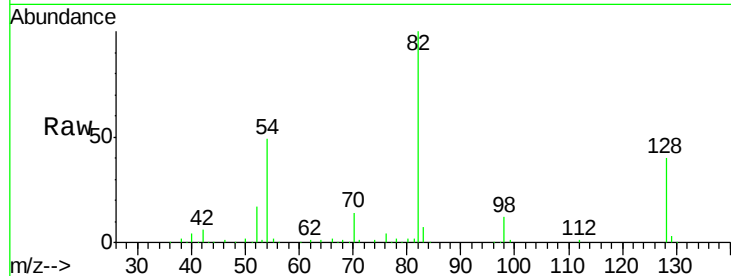




#23
 Nitrobenzene-d5
 Concen: 77.90 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089102.D
 Acq: 19 Jul 2016 1:10

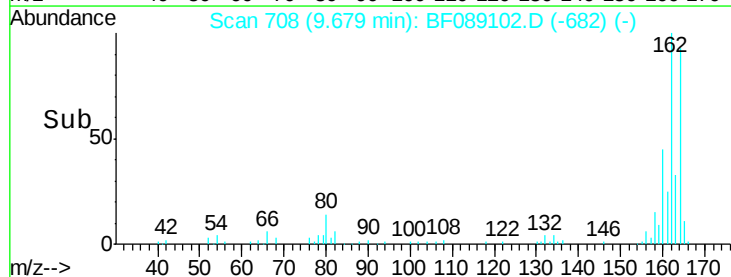
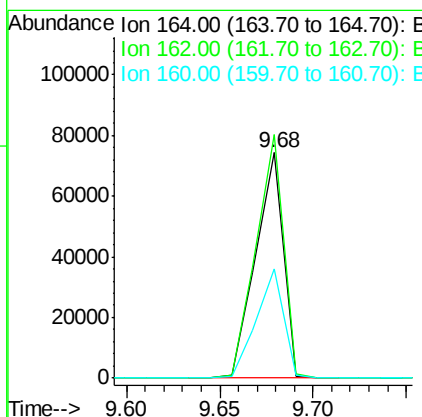
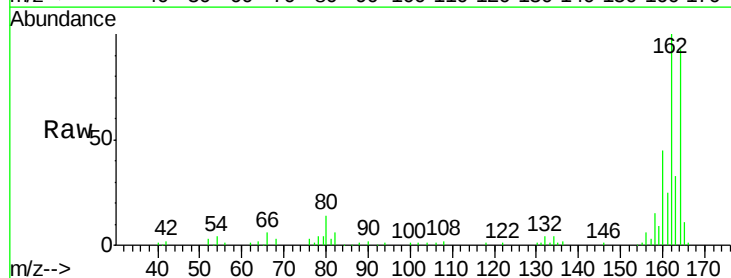
Instrument :
 BNA_F
 ClientSampleId :
 M9-B2(0-8)C

Tot Ion	82	Resp	307742
Ion Ratio	Lower	Upper	
82	100		
128	40.3	35.9	53.9
54	48.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF089102.D
 Acq: 19 Jul 2016 1:10

Tgt Ion	164	Resp	75655
Ion Ratio	Lower	Upper	
164	100		
162	108.1	85.4	128.2
160	48.5	39.5	59.3

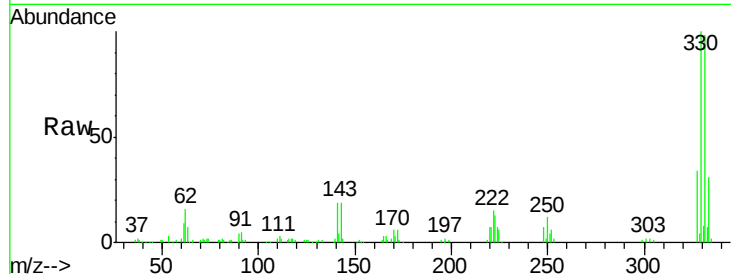




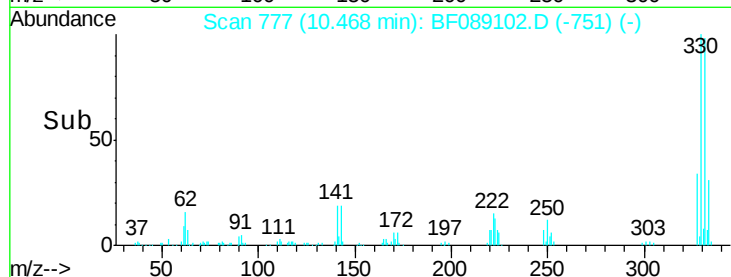
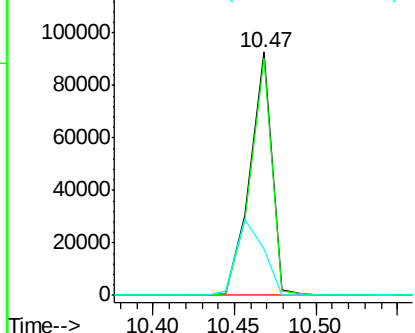
#41
 2,4,6-Tribromophenol
 Concen: 123.06 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF089102.D
 Acq: 19 Jul 2016 1:10

Instrument :
 BNA_F
 ClientSampleId :
 M9-B2(0-8)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.8	0.0	0.0#

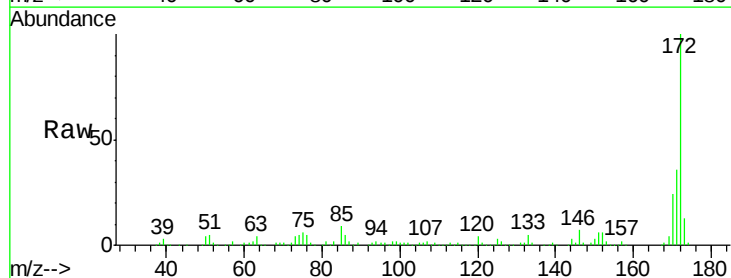


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

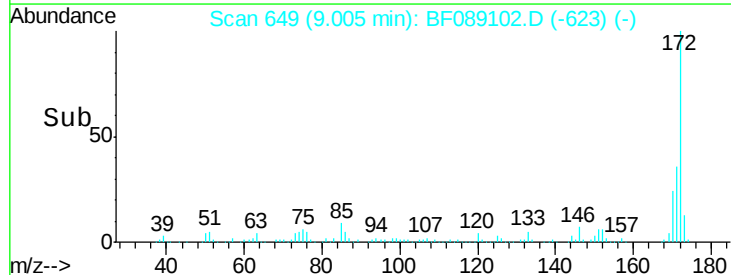
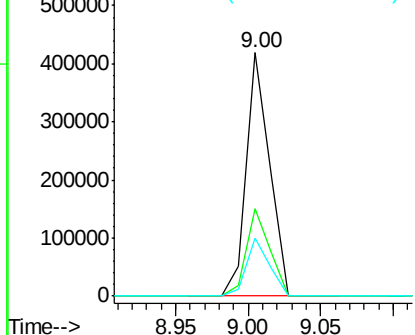


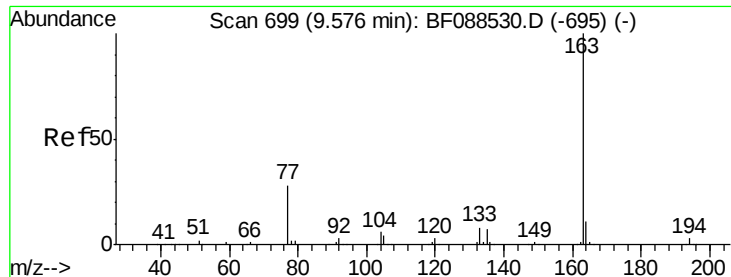
#44
 2-Fluorobiphenyl
 Concen: 97.01 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089102.D
 Acq: 19 Jul 2016 1:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.2	28.8



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: 23.98 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

Instrument :

BNA_F

ClientSampleId :

M9-B2(0-8)C

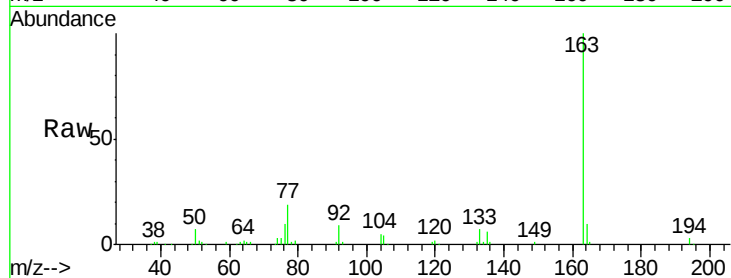
Tot Ion:163 Resp: 129259

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

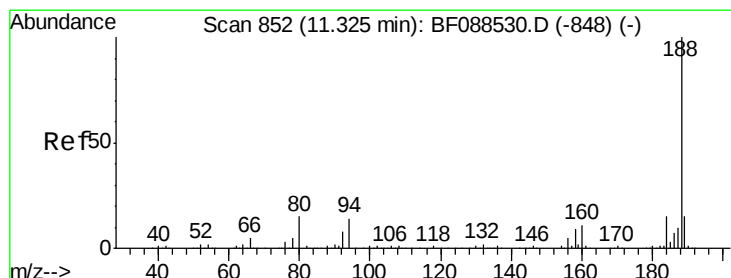
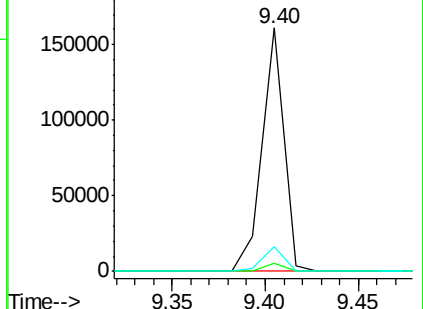
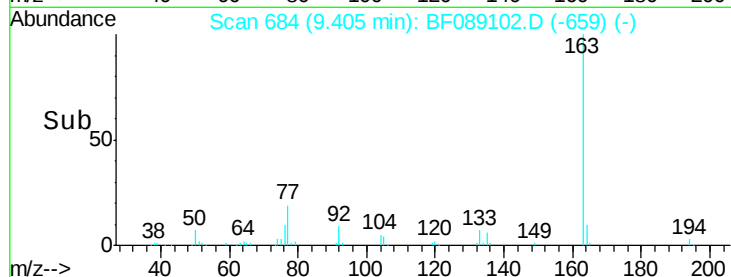
164 10.0 8.3 12.5



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: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

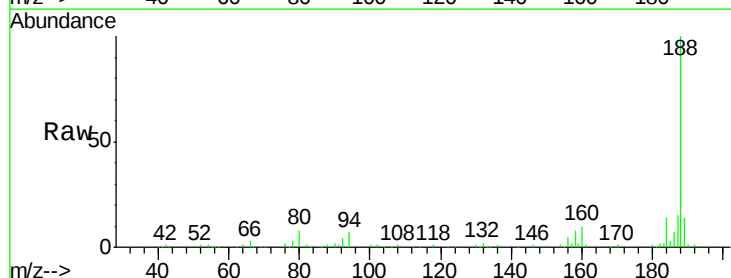
Tgt Ion:188 Resp: 129503

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.6#

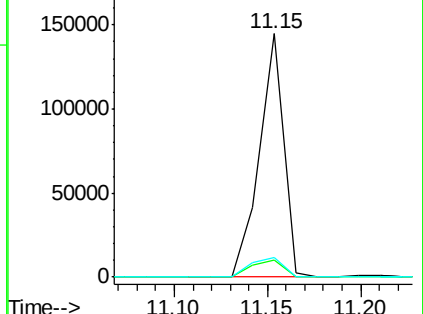
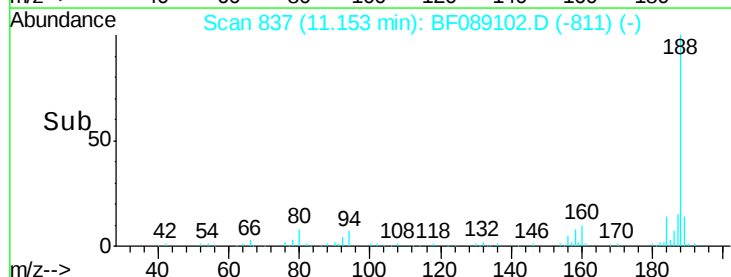
80 7.8 10.0 15.0#

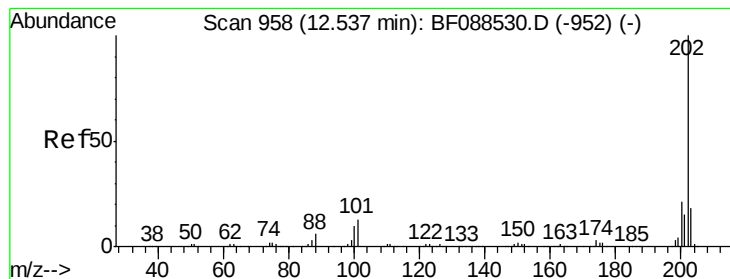


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.30 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

Instrument :

BNA_F

ClientSampleId :

M9-B2(0-8)C

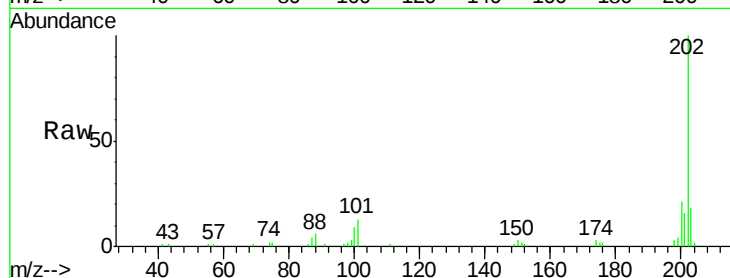
Tot Ion:202 Resp: 23664

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.1

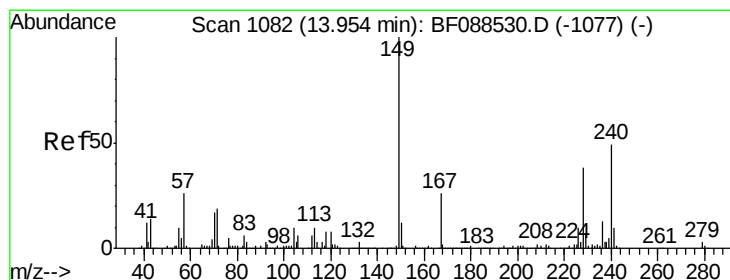
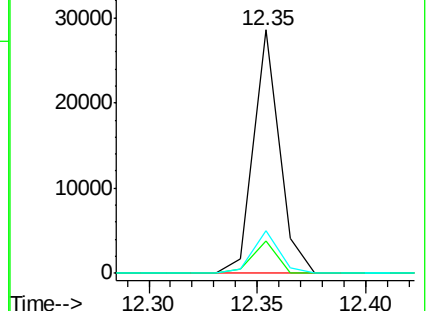
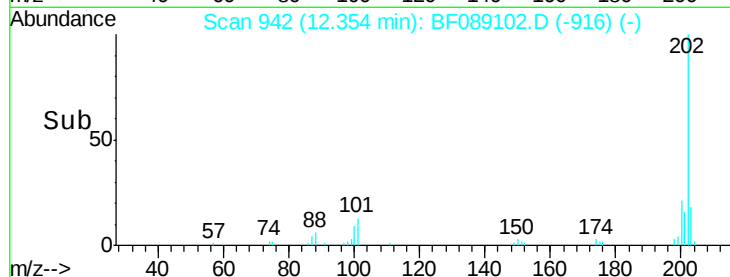
203 17.6 0.0 38.1



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: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

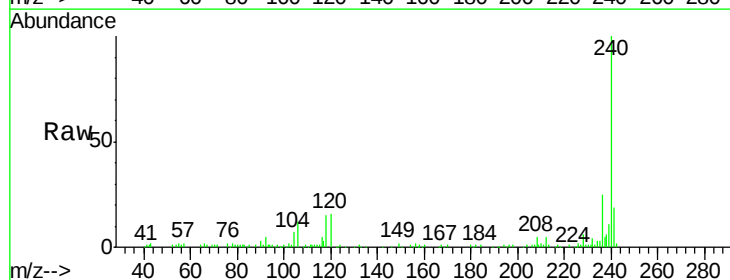
Tgt Ion:240 Resp: 94206

Ion Ratio Lower Upper

240 100

120 16.0 6.8 10.2#

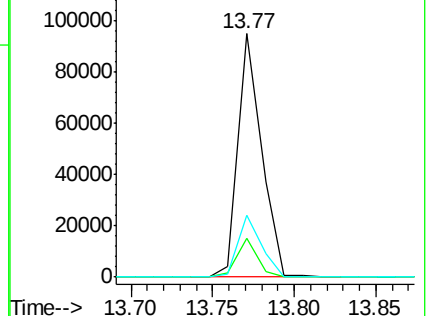
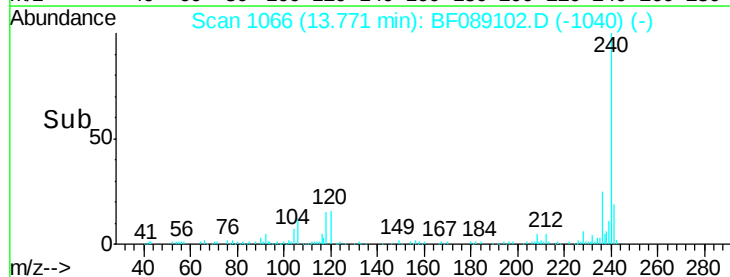
236 25.2 20.2 30.2

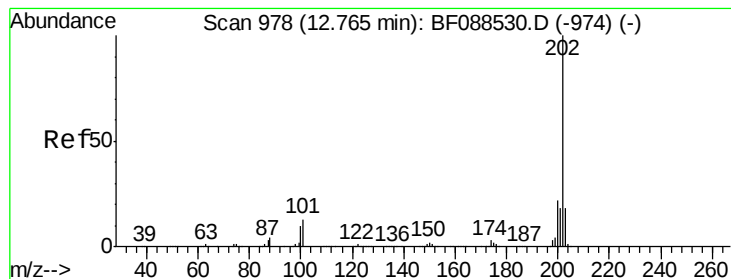


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.15 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

Instrument :

BNA_F

ClientSampleId :

M9-B2(0-8)C

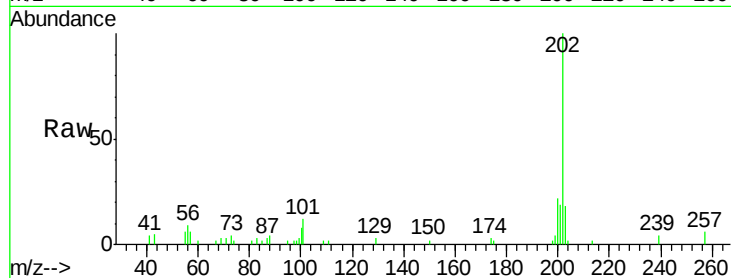
Tot Ion:202 Resp: 17190

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

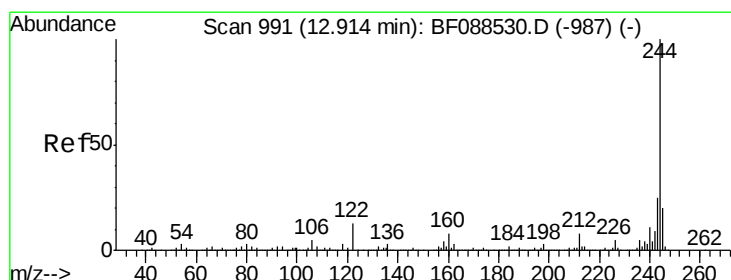
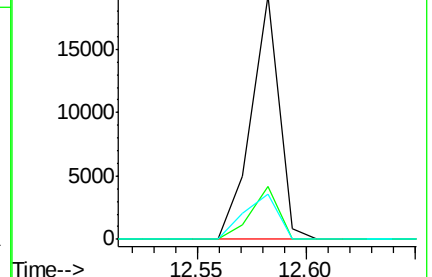
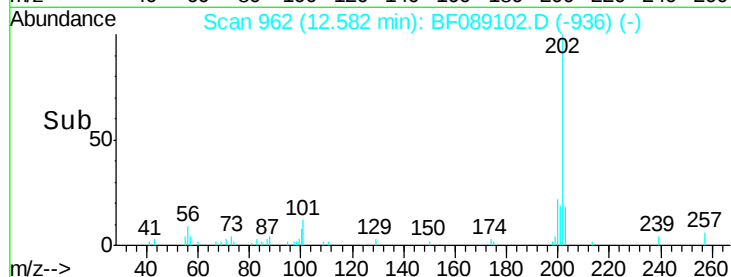
203 18.3 14.5 21.7



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: 75.43 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF089102.D

Acq: 19 Jul 2016 1:10

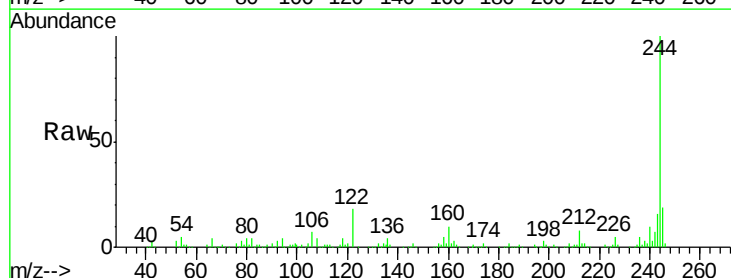
Tgt Ion:244 Resp: 319053

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

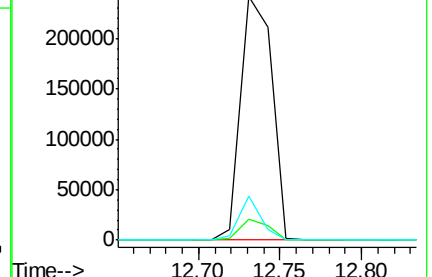
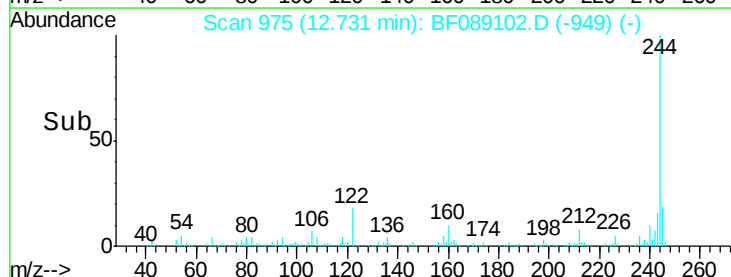
122 18.1 11.2 16.8#

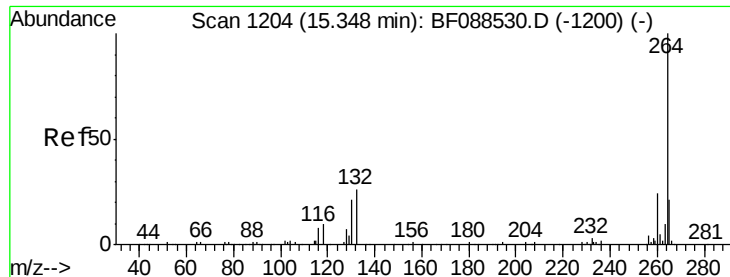


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

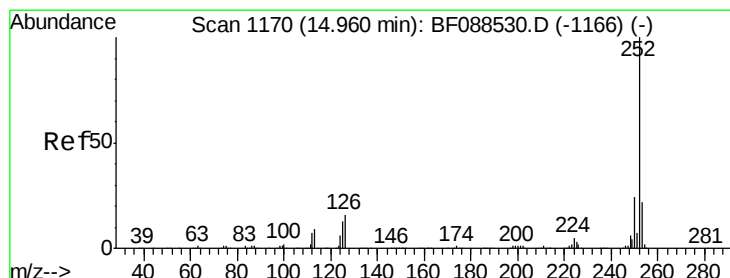
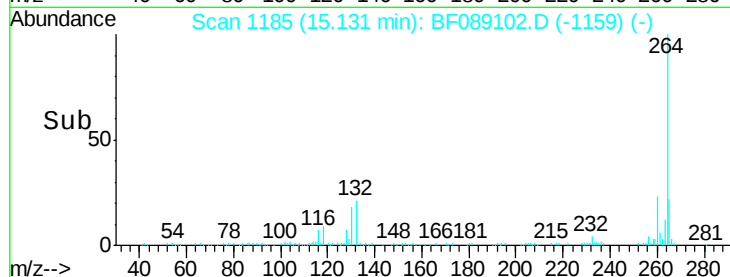
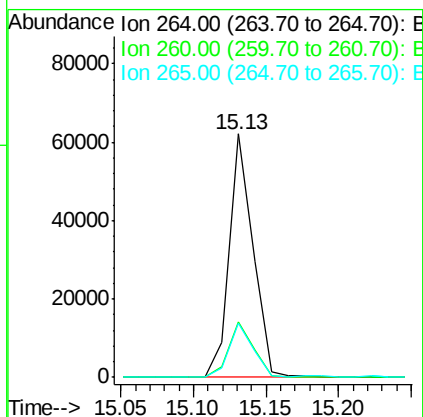
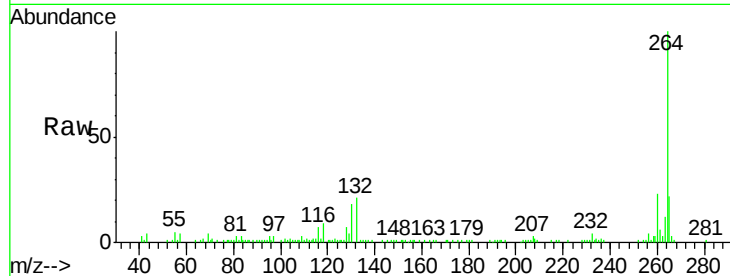




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tot Ion:264 Resp: 70685
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 22.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 2.37 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:252 Resp: 10502
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.2
125 17.9 7.1 10.7#

