

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089563.D
 Acq On : 2 Aug 2016 23:10
 Operator : UM/SJ
 Sample : H4288-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-67-5.5-6.5

Quant Time: Aug 03 02:18:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

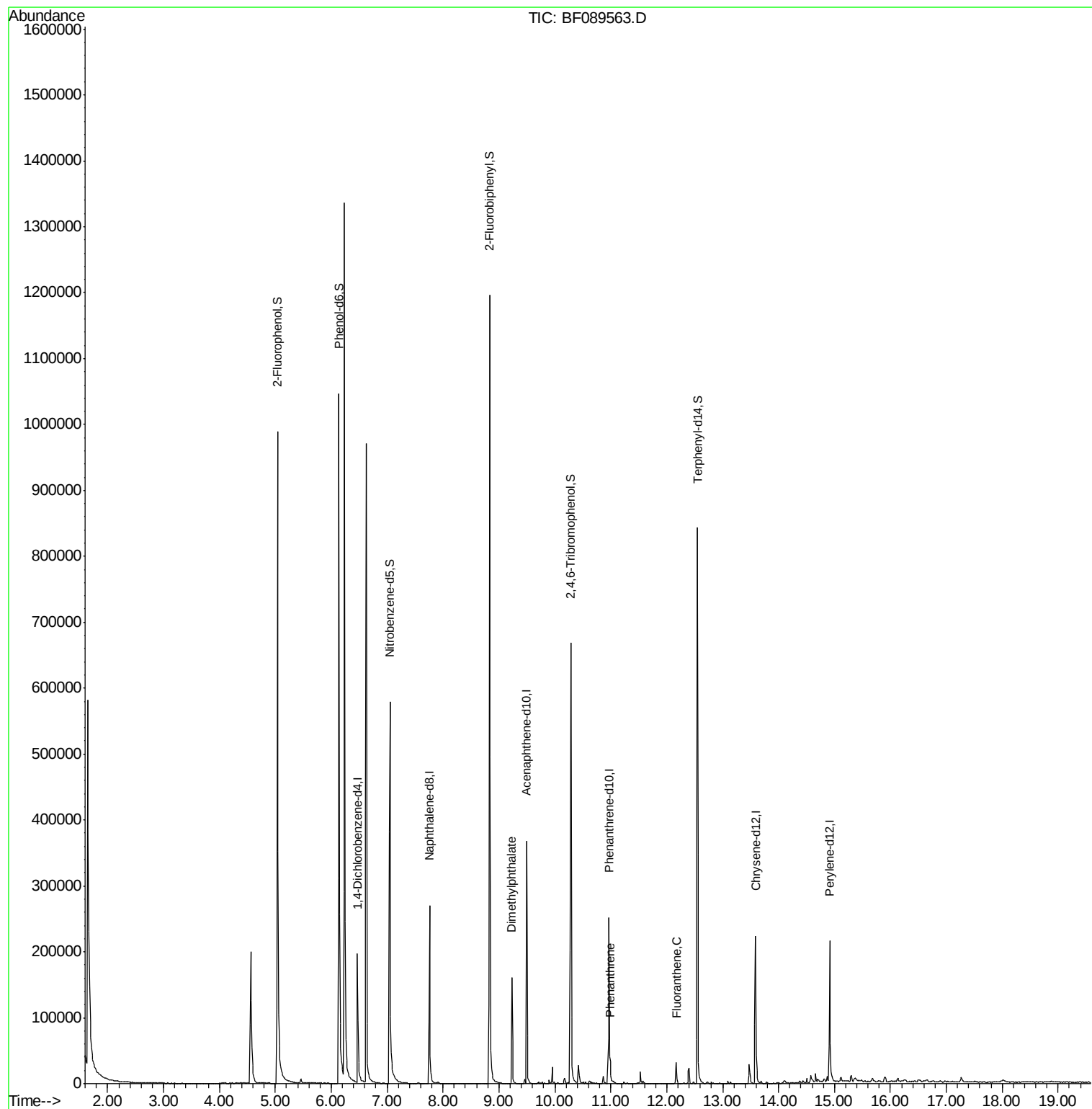
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	43002	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	165771	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	72377	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	115869	20.00	ng	0.00
75) Chrysene-d12	13.59	240	91957	20.00	ng	-0.01
86) Perylene-d12	14.91	264	91625	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	359513	133.49	ng	0.01
7) Phenol-d6	6.14	99	476894	133.99	ng	0.00
23) Nitrobenzene-d5	7.05	82	310517	110.57	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	76569	127.73	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	460282	93.33	ng	-0.01
78) Terphenyl-d14	12.55	244	296512	75.47	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.23	163	75738	13.75	ng	Qvalue # 98
70) Phenanthrene	10.99	178	11955	2.00	ng	98
74) Fluoranthene	12.17	202	16011	2.55	ng	97

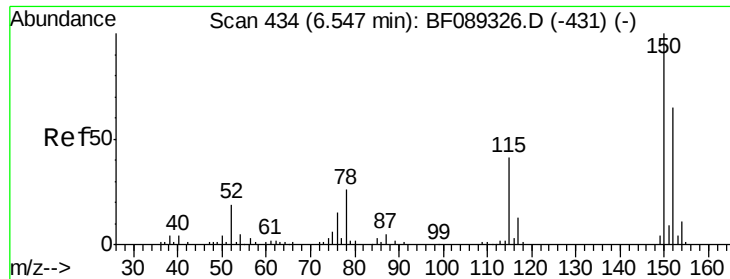
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-67-5.5-6.5

Quant Time: Aug 03 02:18:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SB-67-5.5-6.5

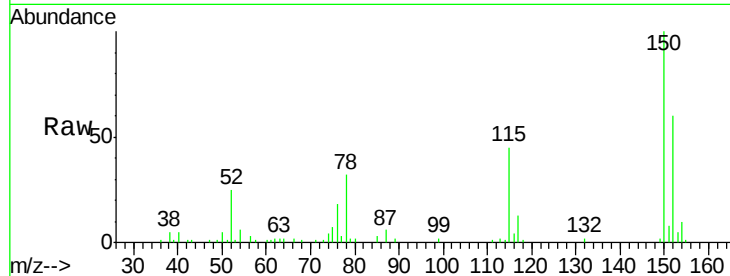
Tot Ion:152 Resp: 43002

Ion Ratio Lower Upper

152 100

150 166.4 129.5 194.3

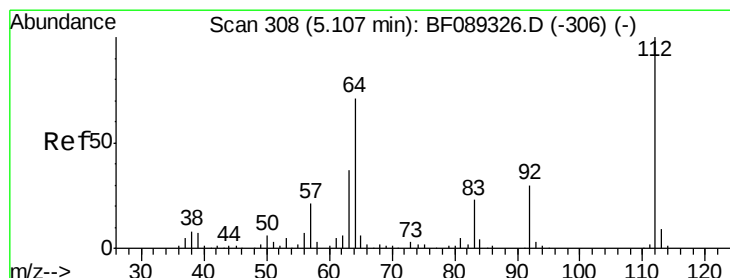
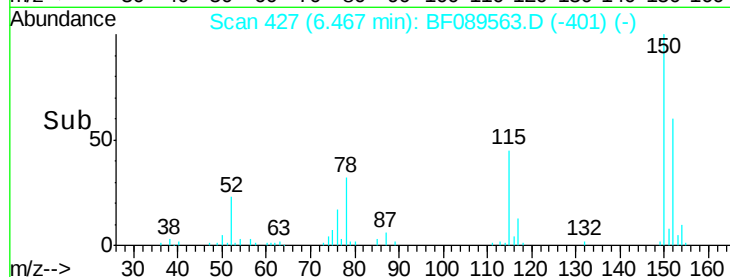
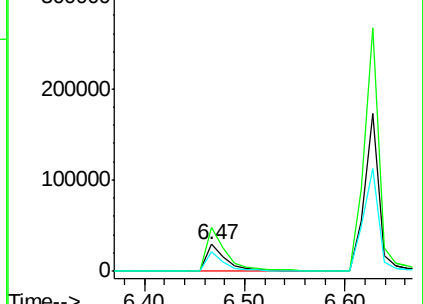
115 74.9 51.4 77.2



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: 133.49 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

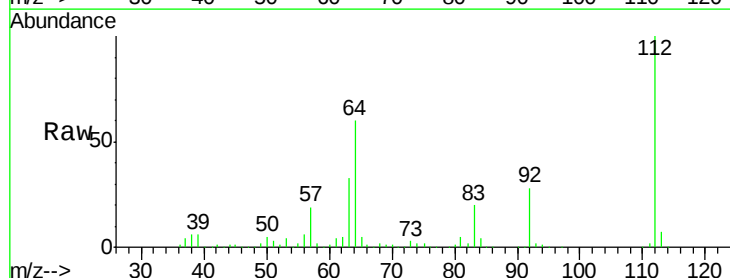
Tgt Ion:112 Resp: 359513

Ion Ratio Lower Upper

112 100

64 60.2 55.0 82.6

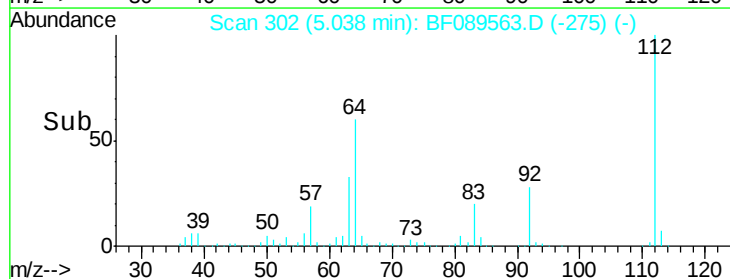
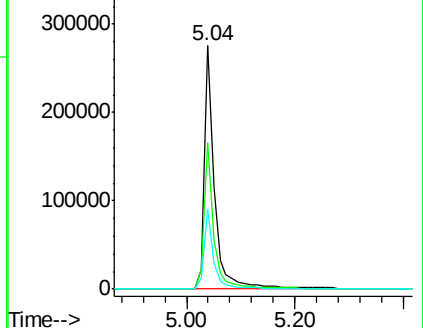
63 32.6 29.4 44.2



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: 133.99 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SB-67-5.5-6.5

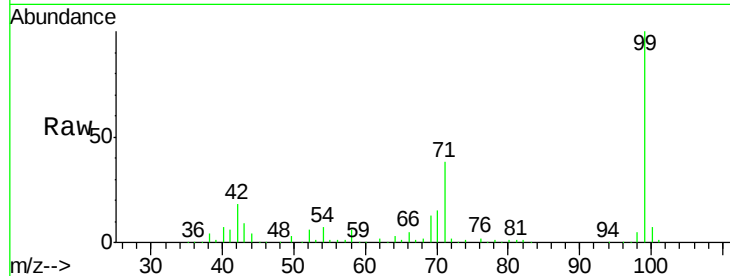
Tot Ion: 99 Resp: 476894

Ion Ratio Lower Upper

99 100

42 18.4 13.6 20.4

71 37.9 29.4 44.2



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

400000

300000

200000

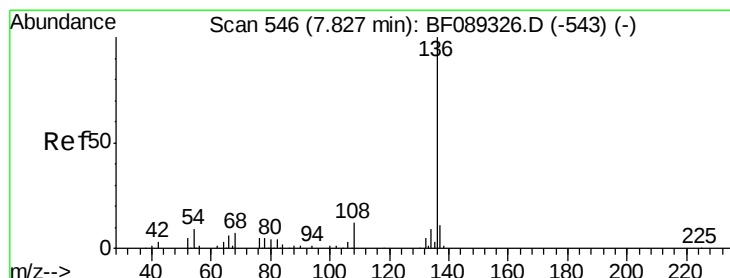
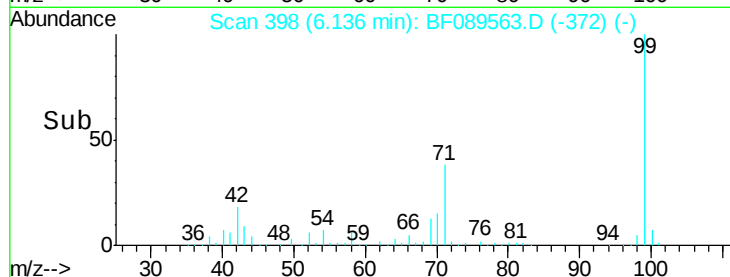
100000

0

6.14

6.00 6.20 6.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

Tgt Ion: 136 Resp: 165771

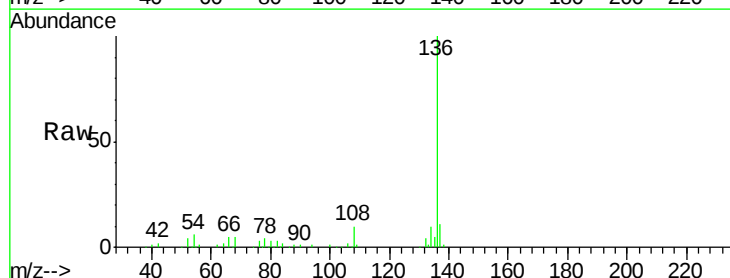
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.2 7.0 10.4#

68 4.9 4.9 7.3#



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

200000

150000

100000

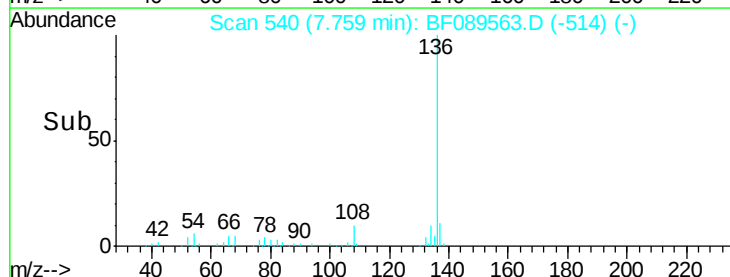
50000

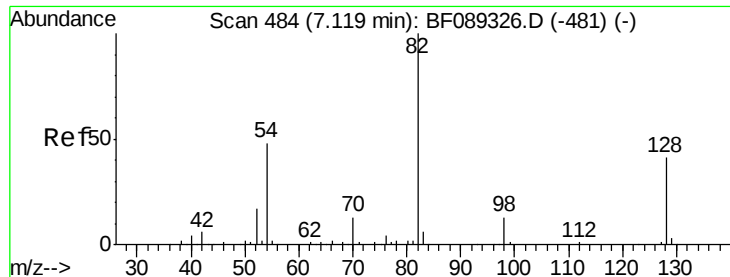
0

7.76

7.60 7.70 7.80 7.90 8.00

Time-->

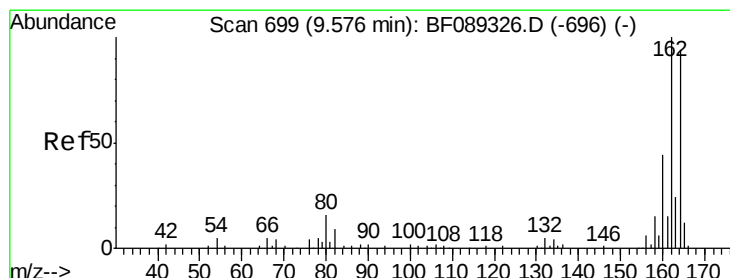
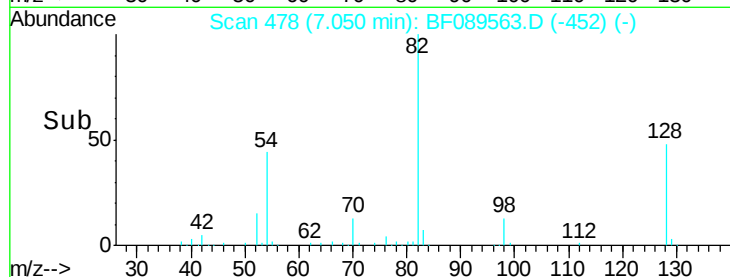
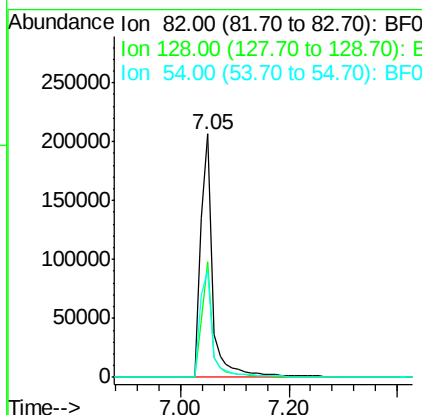
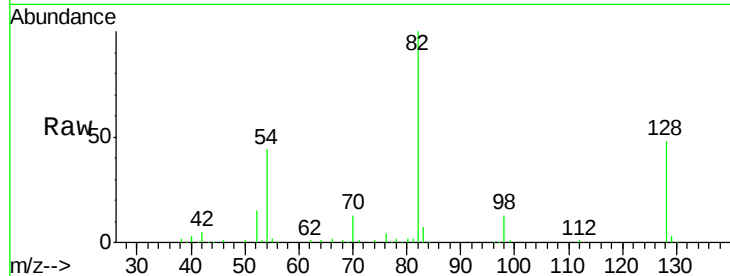




#23
 Nitrobenzene-d5
 Concen: 110.57 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF089563.D
 Acq: 2 Aug 2016 23:10

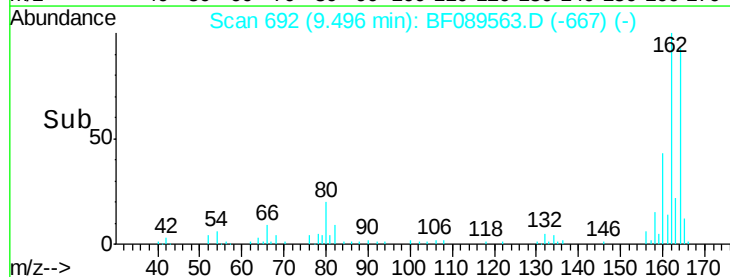
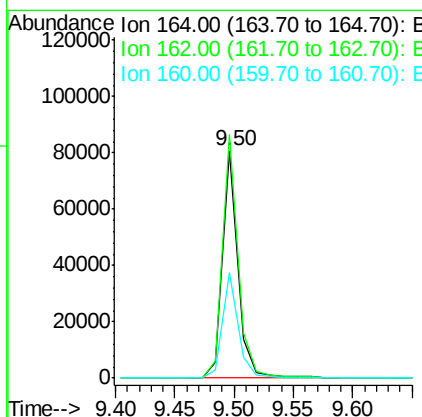
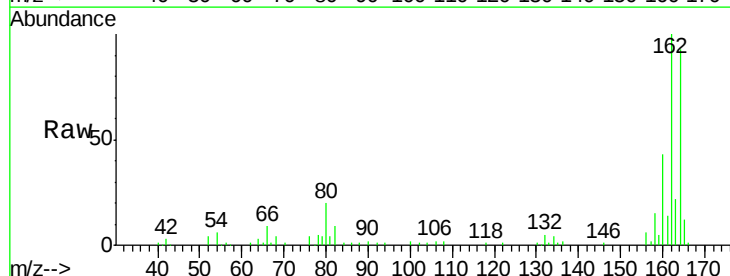
Instrument :
 BNA_F
 ClientSampled :
 SB-67-5.5-6.5

Tot Ion: 82 Resp: 310517
 Ion Ratio Lower Upper
 82 100
 128 47.6 32.5 48.7
 54 43.7 38.8 58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089563.D
 Acq: 2 Aug 2016 23:10

Tgt Ion:164 Resp: 72377
 Ion Ratio Lower Upper
 164 100
 162 107.0 83.7 125.5
 160 46.3 37.8 56.6

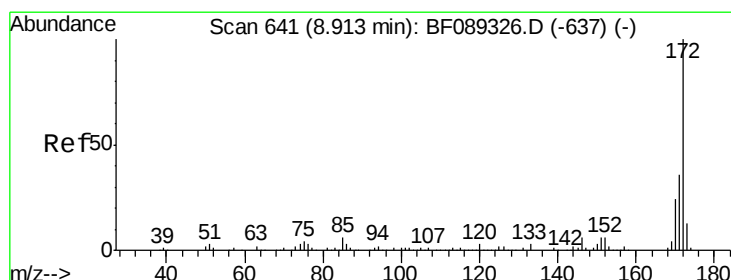
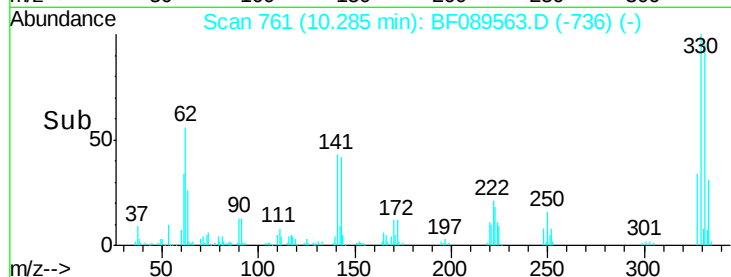
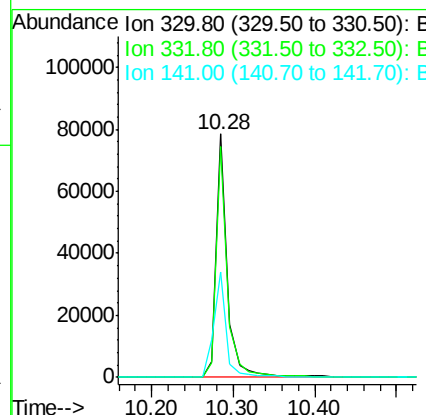
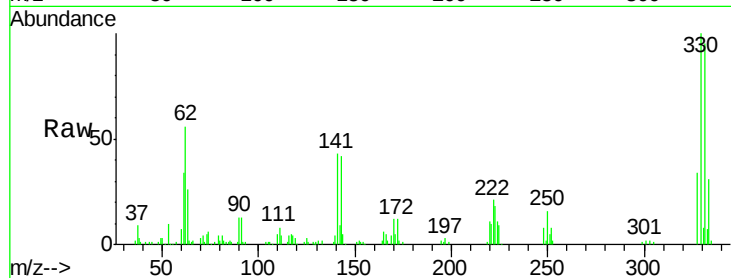




#41
 2,4,6-Tribromophenol
 Concen: 127.73 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089563.D
 Acq: 2 Aug 2016 23:10

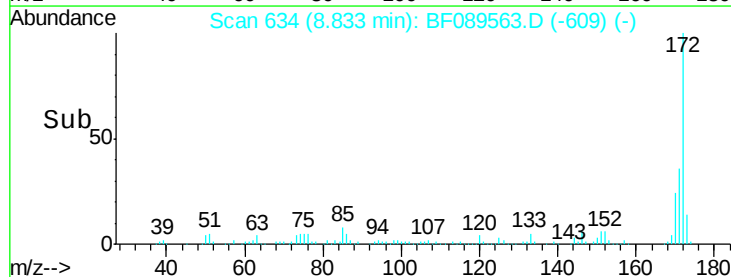
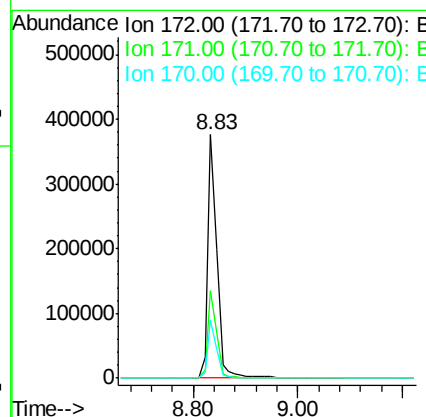
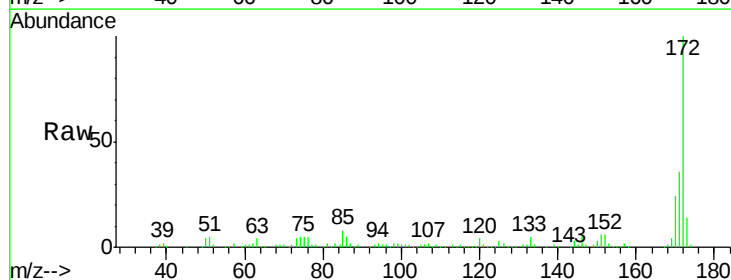
Instrument :
 BNA_F
 ClientSampleId :
 SB-67-5.5-6.5

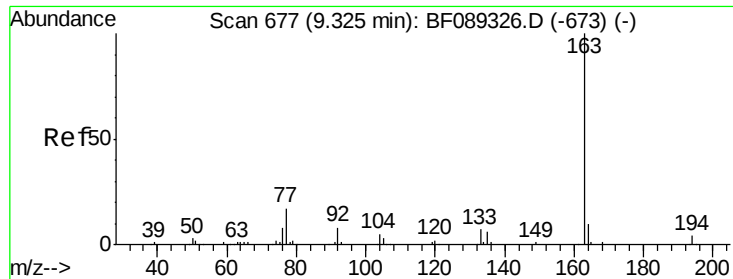
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	48.6	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 93.33 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089563.D
 Acq: 2 Aug 2016 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.8	19.2	28.8

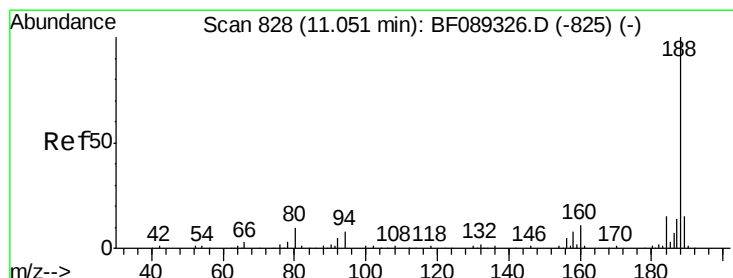
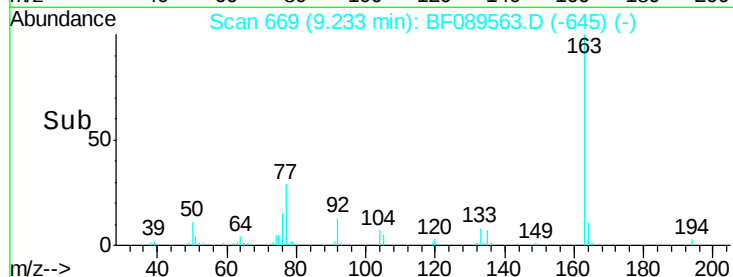
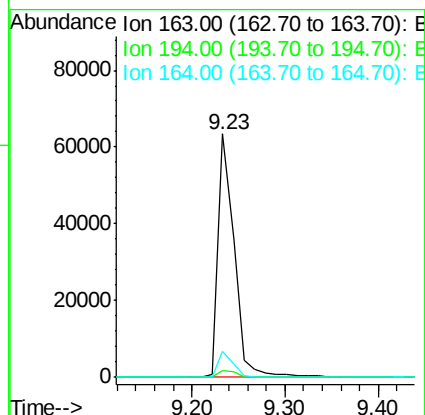
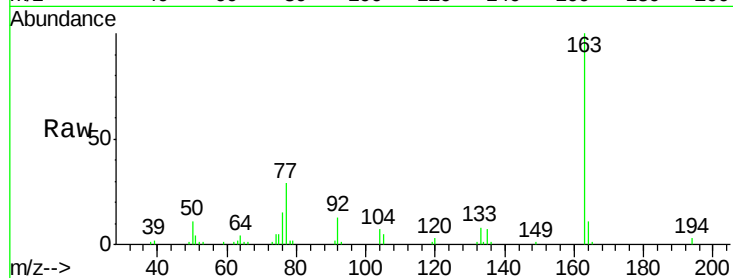




#49
Dimethylphthalate
Concen: 13.75 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF089563.D
Acq: 2 Aug 2016 23:10

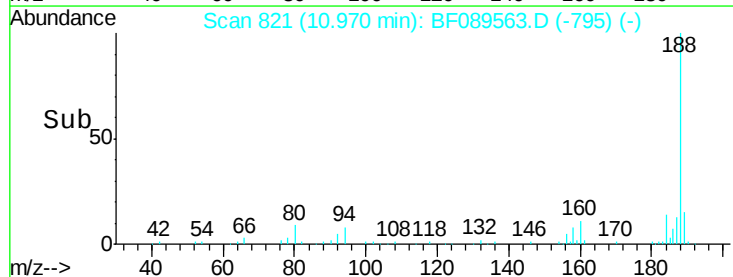
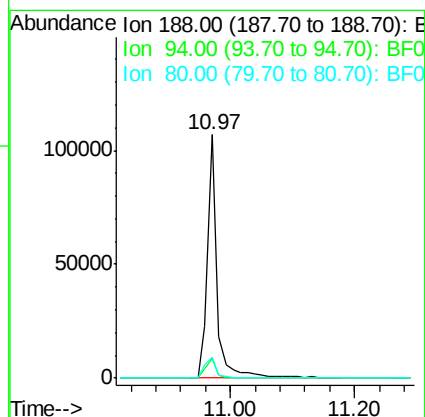
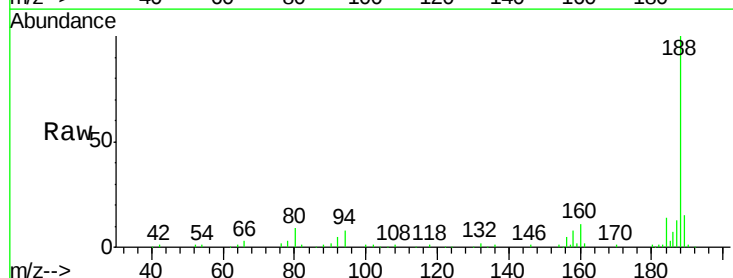
Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

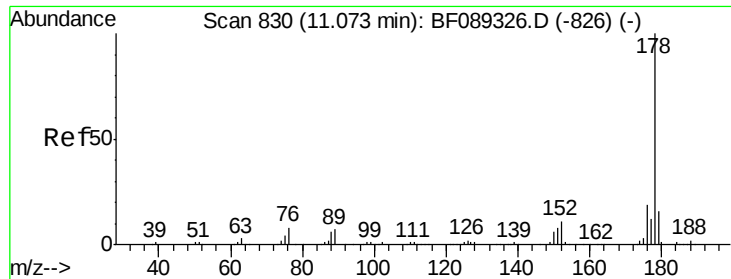
Tot Ion:163 Resp: 75738
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 10.5 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF089563.D
Acq: 2 Aug 2016 23:10

Tgt Ion:188 Resp: 115869
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.7 7.2 10.8





#70

Phenanthrene

Concen: 2.00 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SB-67-5.5-6.5

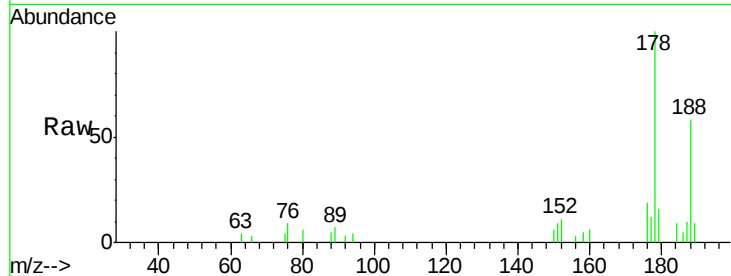
Tot Ion:178 Resp: 11955

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

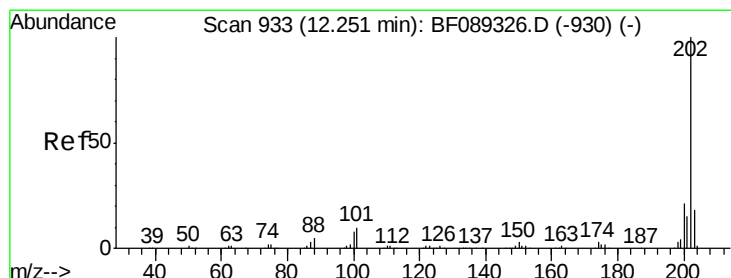
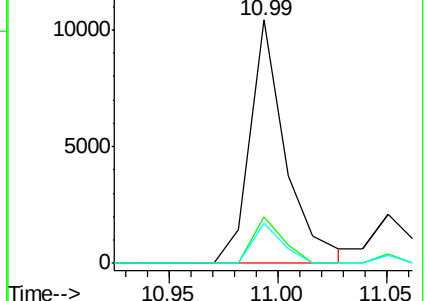
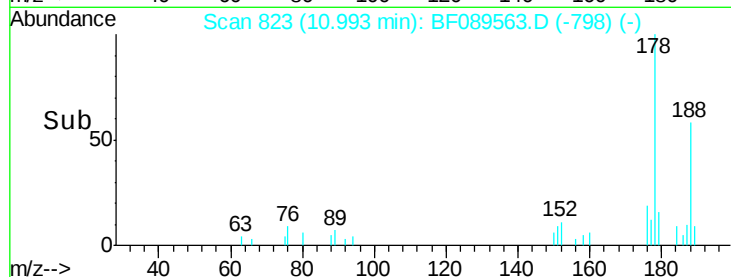
179 16.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.55 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

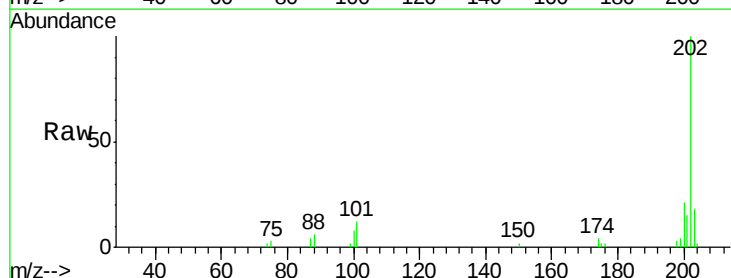
Tgt Ion:202 Resp: 16011

Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.9

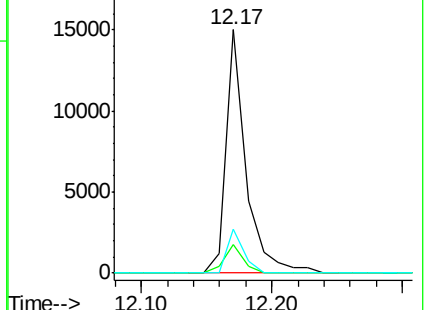
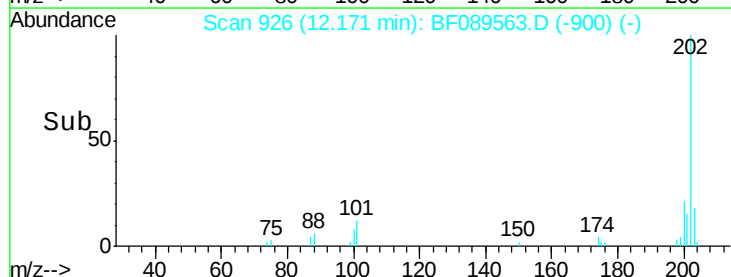
203 18.3 0.0 37.3

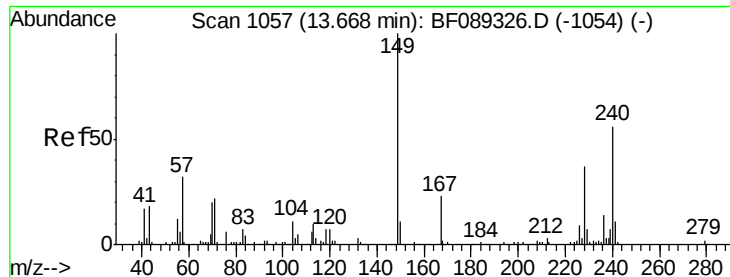


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

Instrument :

BNA_F

ClientSampleId :

SB-67-5.5-6.5

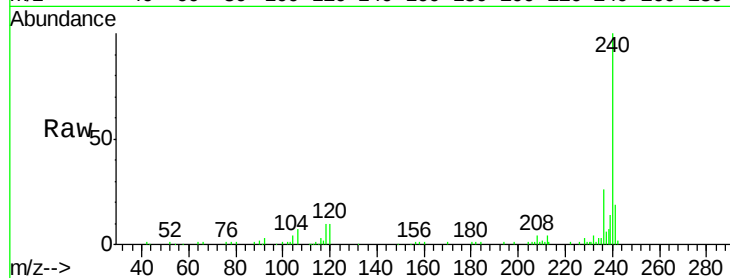
Tot Ion:240 Resp: 91957

Ion Ratio Lower Upper

240 100

120 10.1 9.1 13.7

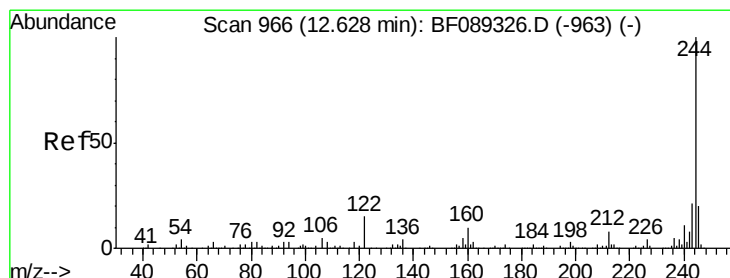
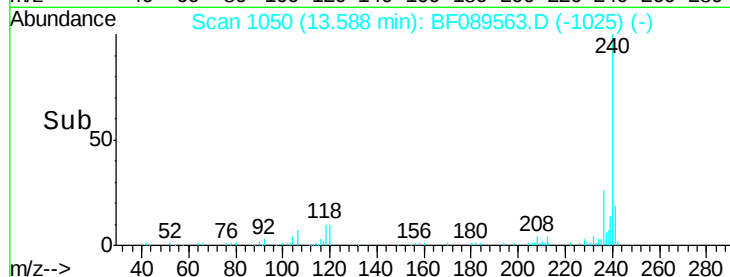
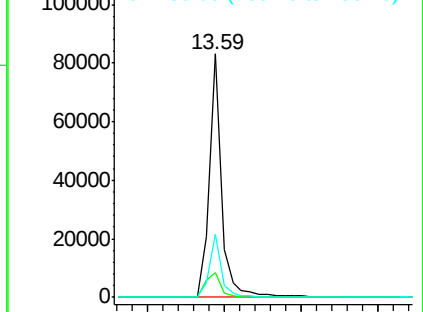
236 26.0 20.6 30.8



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: 75.47 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF089563.D

Acq: 2 Aug 2016 23:10

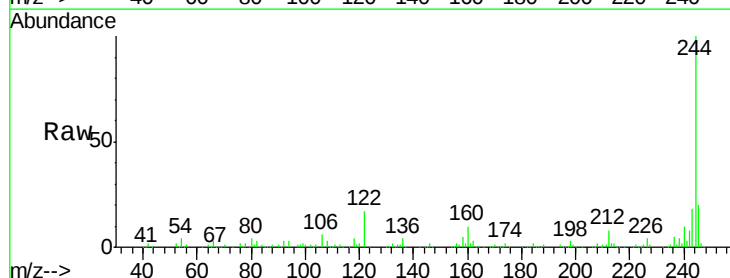
Tgt Ion:244 Resp: 296512

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

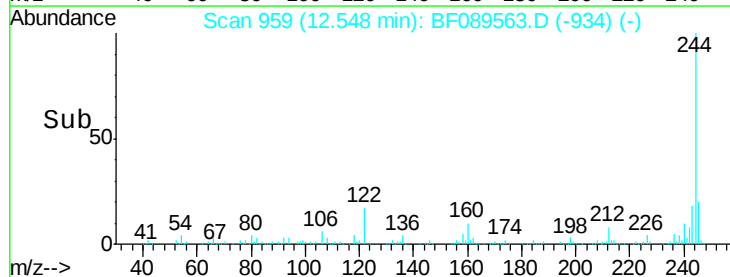
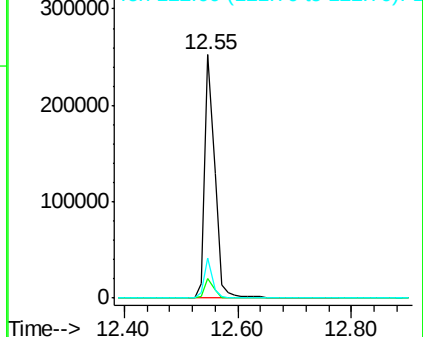
122 16.7 11.4 17.0

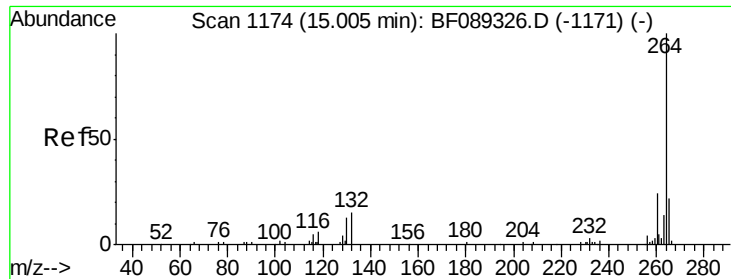


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

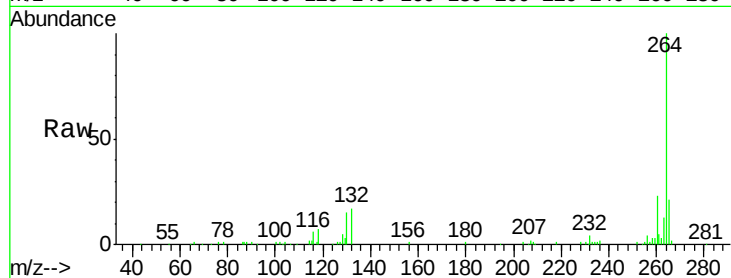




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF089563.D
Acq: 2 Aug 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tot Ion:264 Resp: 91625
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 20.5 17.5 26.3



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

