

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089611.D
 Acq On : 5 Aug 2016 4:08
 Operator : UM/SJ
 Sample : H4345-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER

Quant Time: Aug 05 05:40:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

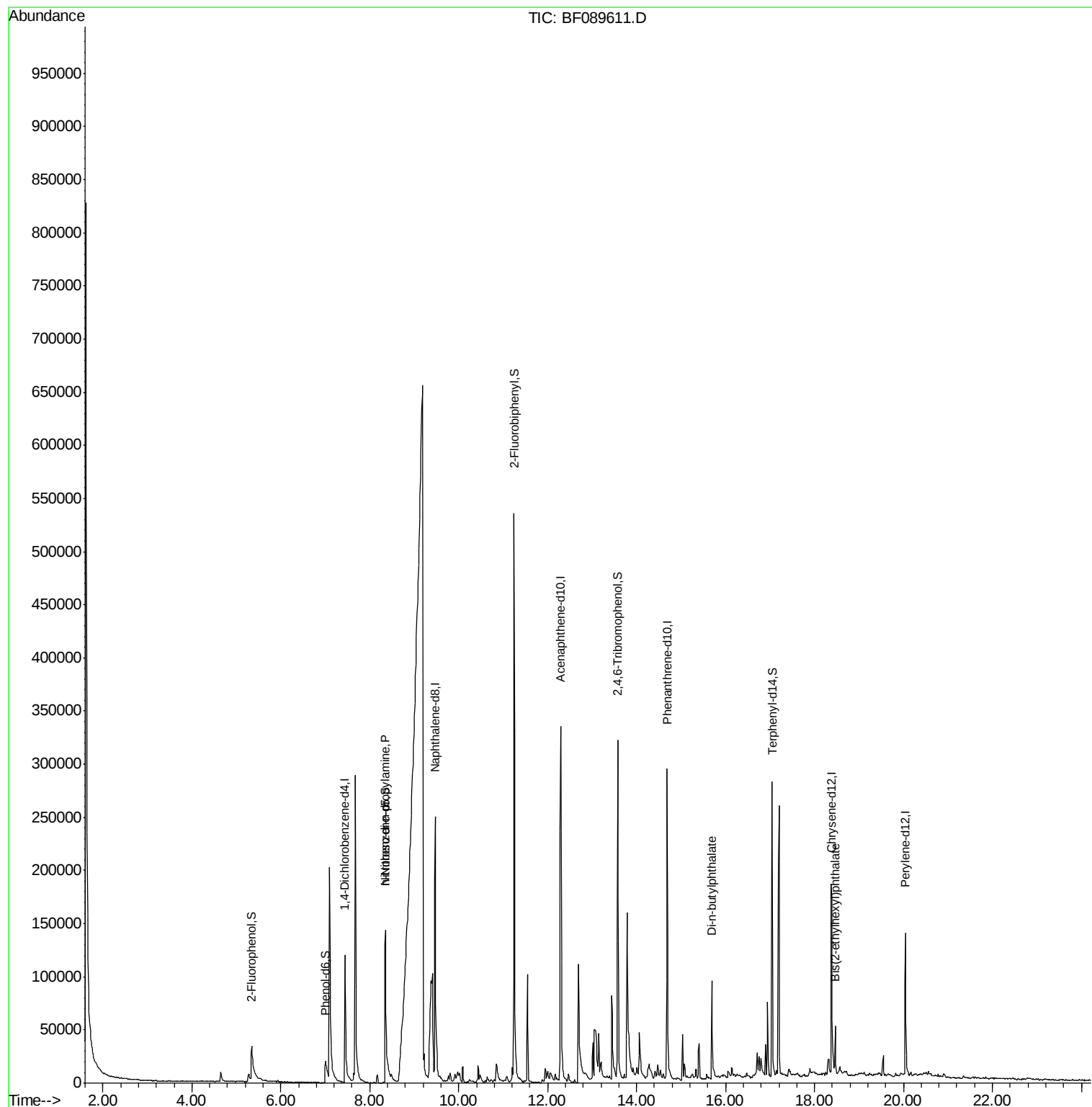
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	43138	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	186644	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	93405	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	171125	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	110675	20.00	ng	0.00
86) Perylene-d12	20.05	264	79191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	45312	17.61	ng	0.04
7) Phenol-d6	7.00	99	40291	11.54	ng	0.02
23) Nitrobenzene-d5	8.35	82	131564	38.99	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	44728	58.03	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	259034	36.04	ng	-0.01
78) Terphenyl-d14	17.05	244	145479	25.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.35	70	14790	5.86	ng	Qvalue # 78
73) Di-n-butylphthalate	15.69	149	43142	3.84	ng	98
83) Bis(2-ethylhexyl)phthalate	18.47	149	15612	2.71	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

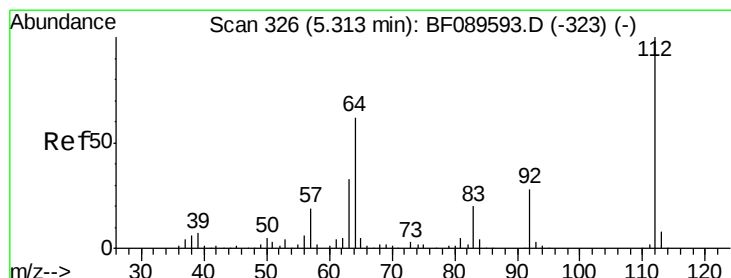
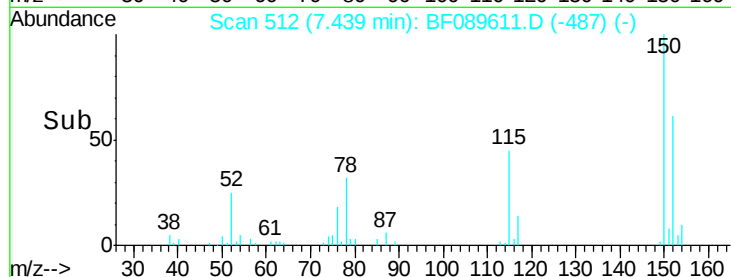
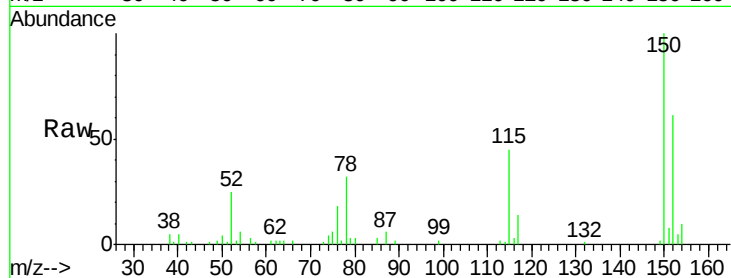
Tgt Ion:152 Resp: 43138

Ion Ratio Lower Upper

152 100

150 165.1 125.5 188.3

115 74.2 52.0 78.0



#5

2-Fluorophenol

Concen: 17.61 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

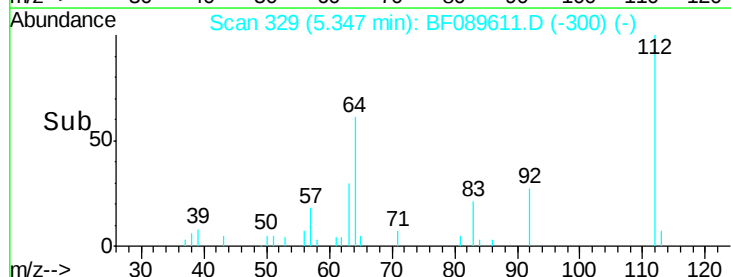
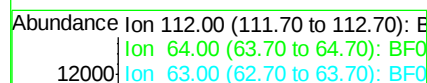
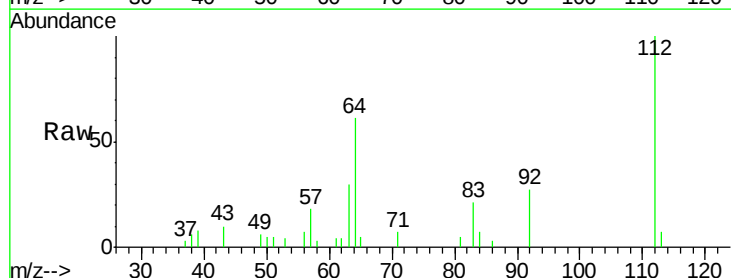
Tgt Ion:112 Resp: 45312

Ion Ratio Lower Upper

112 100

64 61.4 49.9 74.9

63 30.0 26.1 39.1





#7

Phenol-d6

Concen: 11.54 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.02 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

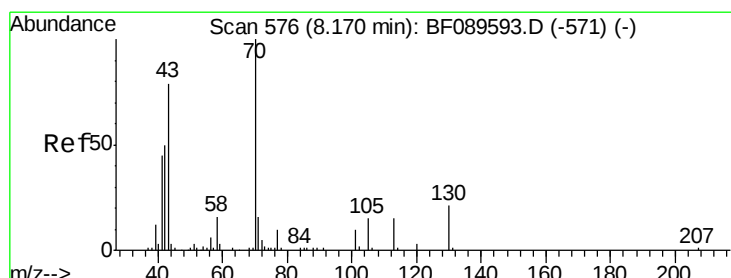
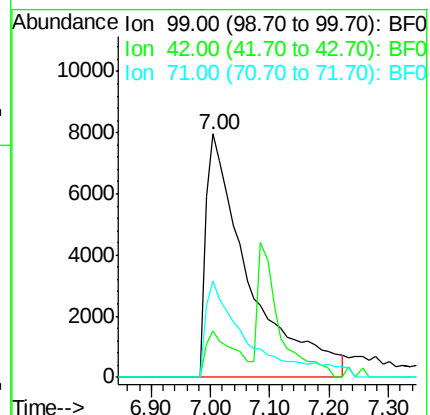
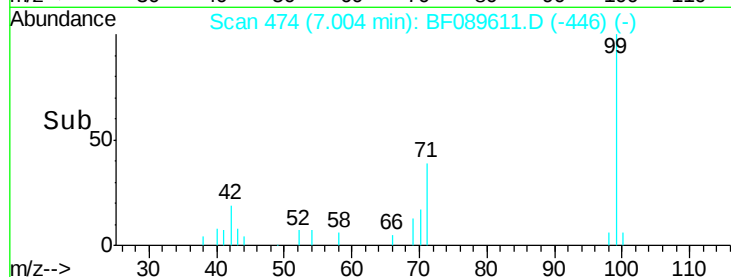
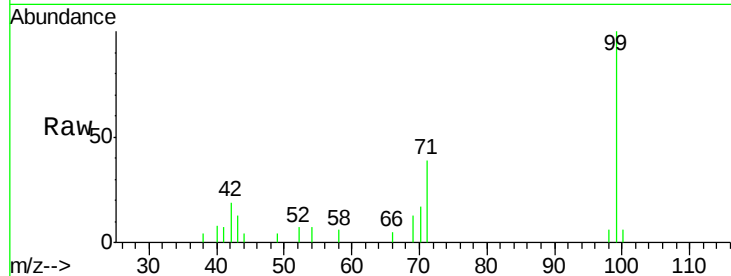
Tgt Ion: 99 Resp: 40291

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

71 39.3 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.86 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

Tgt Ion: 70 Resp: 14790

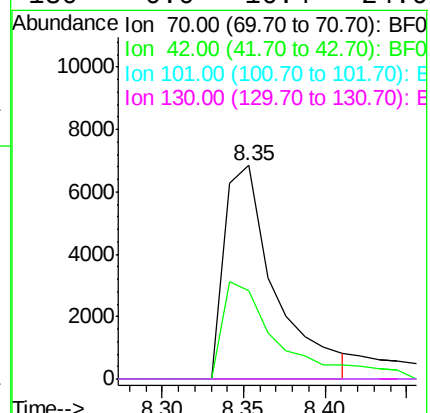
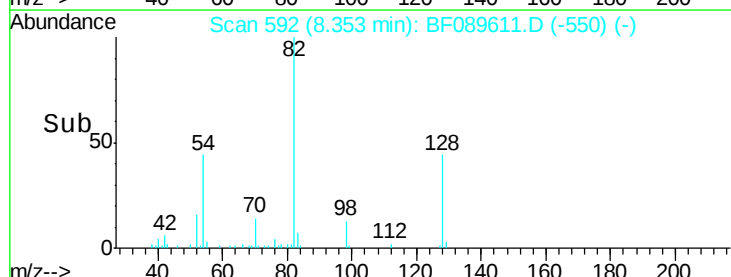
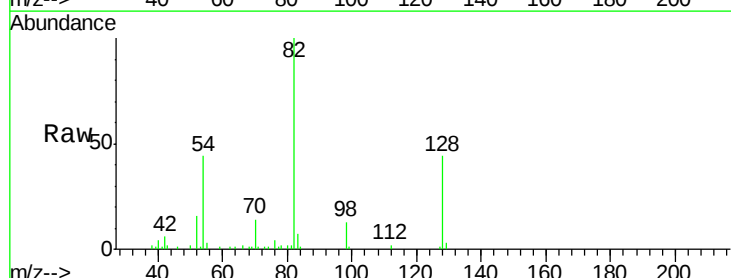
Ion Ratio Lower Upper

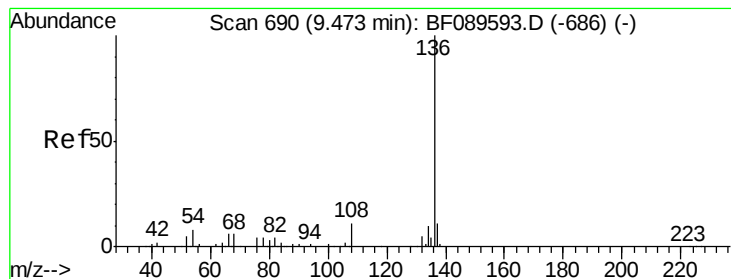
70 100

42 41.6 40.2 60.2

101 0.0 7.8 11.6#

130 0.0 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

Tgt Ion:136 Resp: 186644

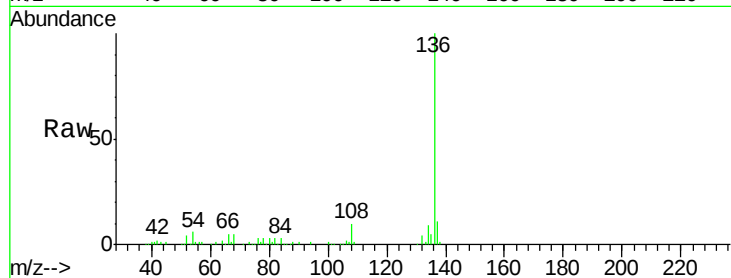
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.4 6.0 9.0

68 5.3 4.6 6.8

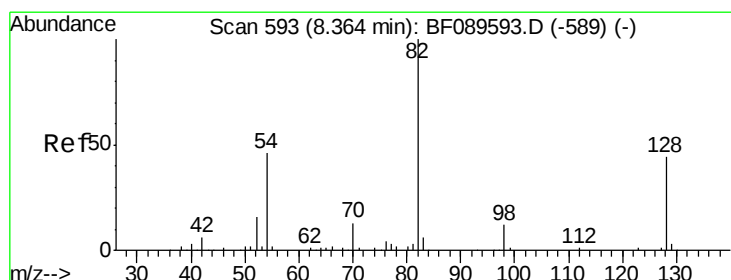
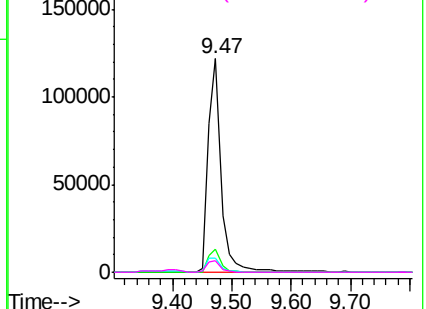
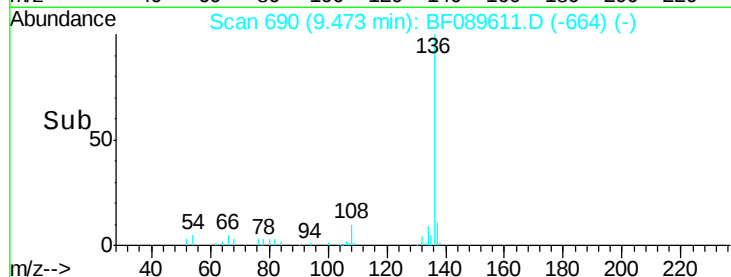


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.99 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

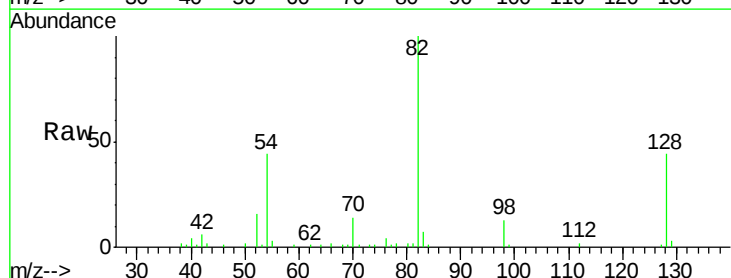
Tgt Ion: 82 Resp: 131564

Ion Ratio Lower Upper

82 100

128 43.9 35.4 53.0

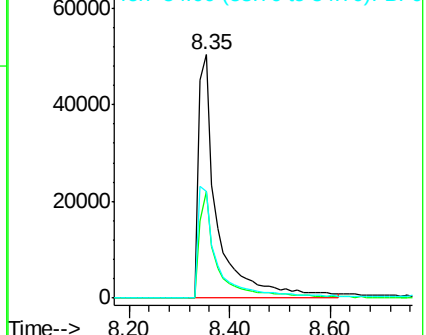
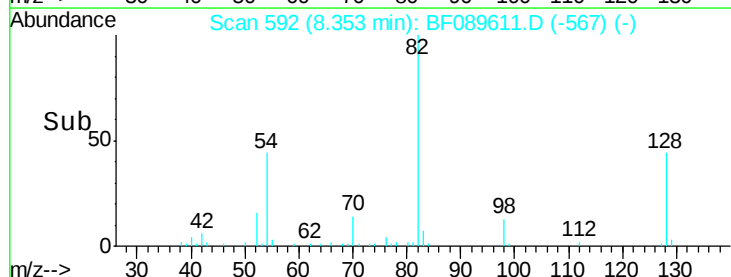
54 44.0 36.4 54.6

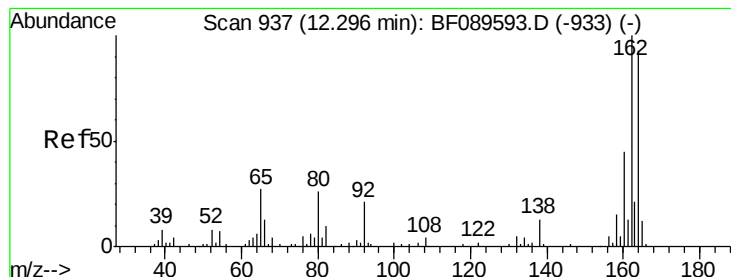


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

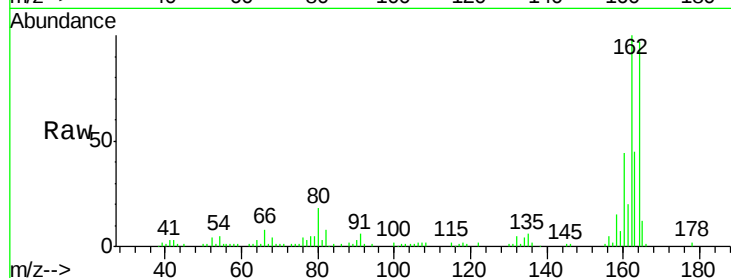
Tgt Ion:164 Resp: 93405

Ion Ratio Lower Upper

164 100

162 103.6 85.7 128.5

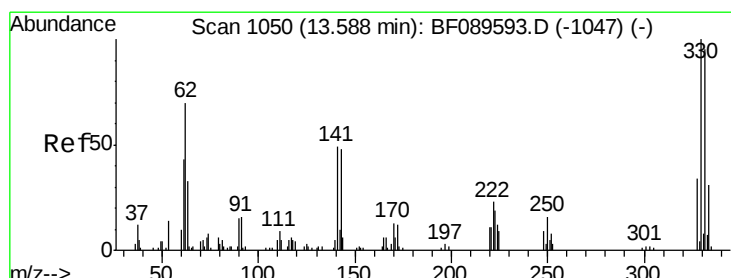
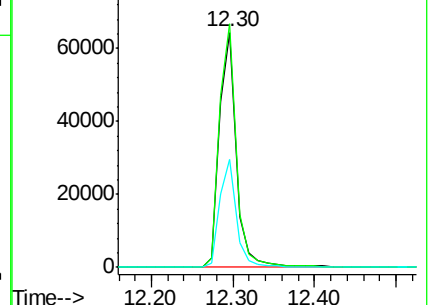
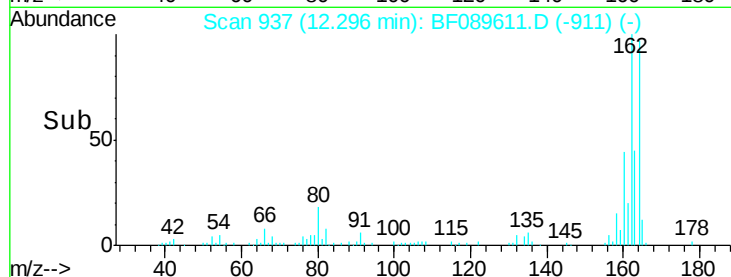
160 45.7 38.2 57.4



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: 58.03 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

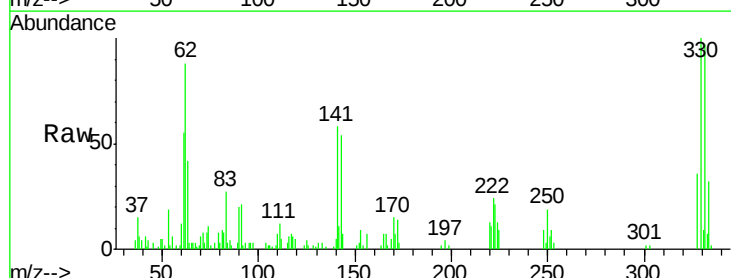
Tgt Ion:330 Resp: 44728

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

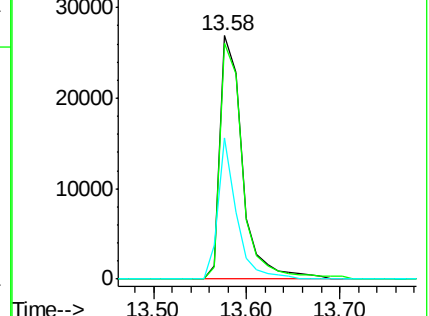
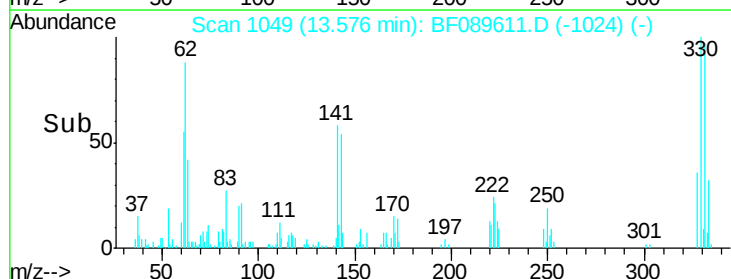
141 48.3 38.6 57.8

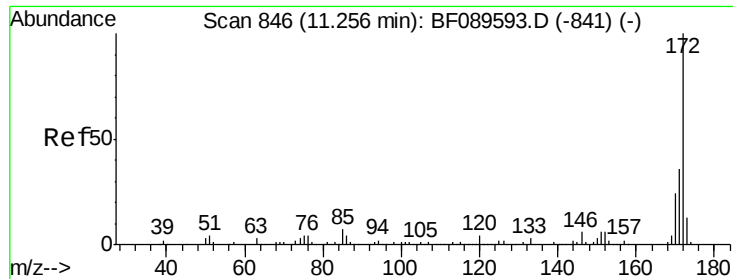


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

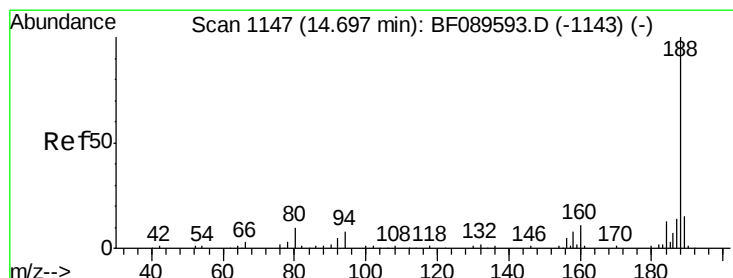
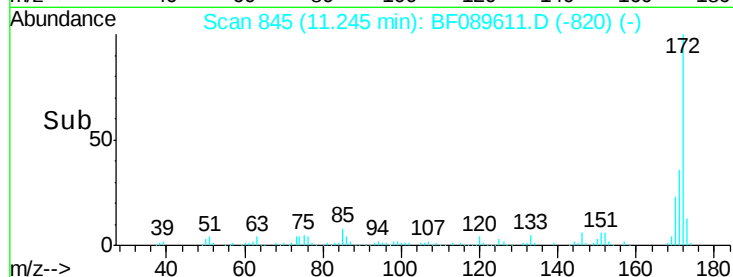
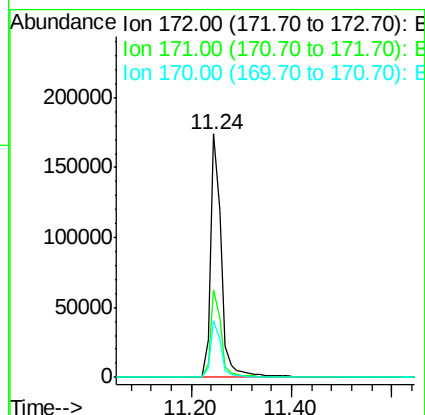
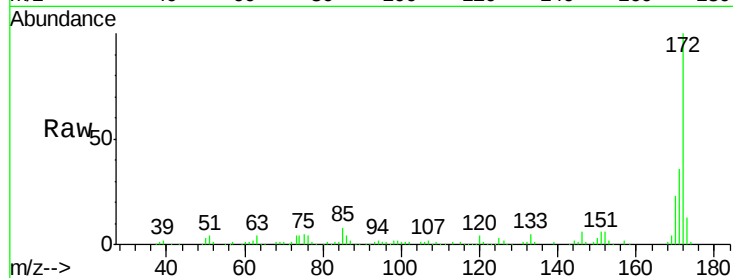




#44
 2-Fluorobiphenyl
 Concen: 36.04 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089611.D
 Acq: 5 Aug 2016 4:08

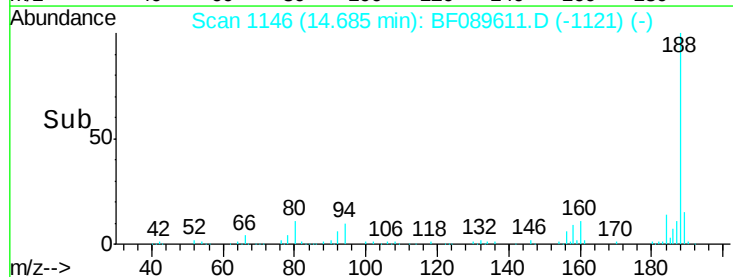
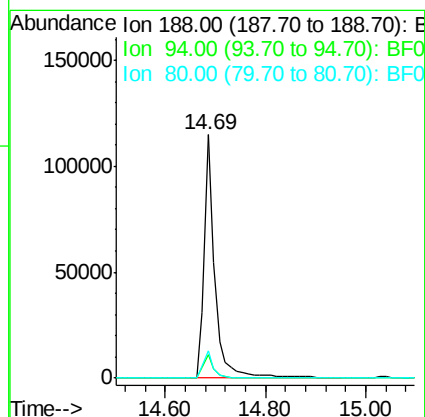
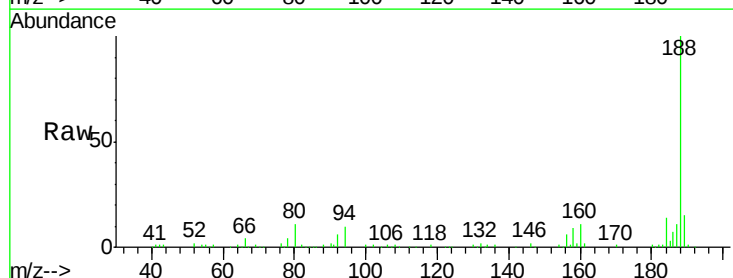
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER

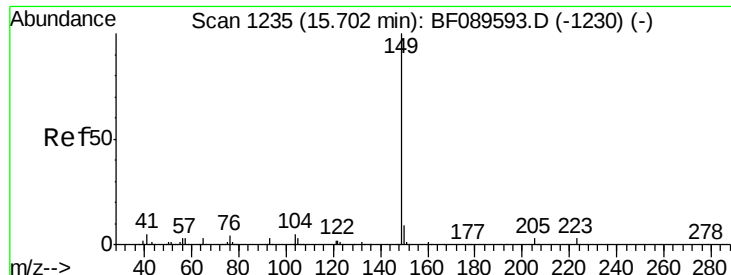
Tgt Ion:172 Resp: 259034
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.3 19.0 28.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF089611.D
 Acq: 5 Aug 2016 4:08

Tgt Ion:188 Resp: 171125
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.5 9.7#
 80 11.2 8.0 12.0

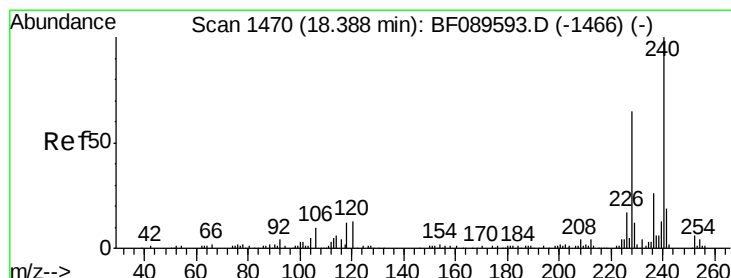
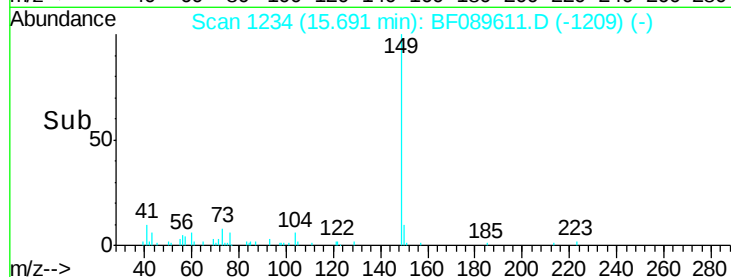
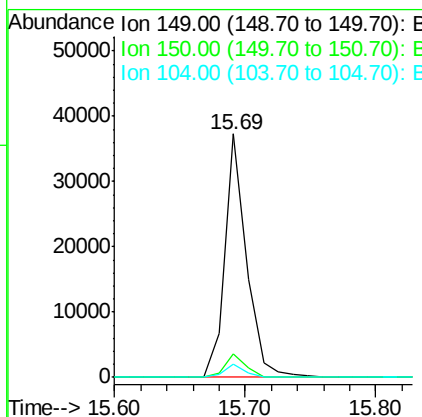
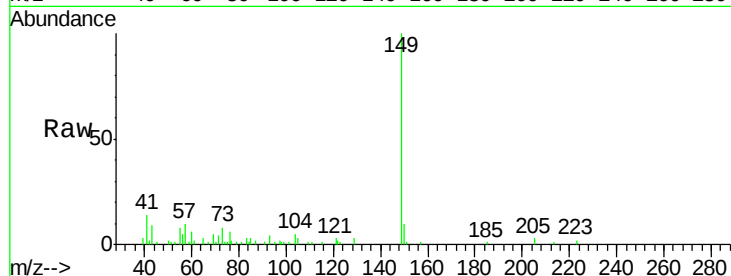




#73
Di-n-butylphthalate
Concen: 3.84 ng
RT: 15.69 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF089611.D
Acq: 5 Aug 2016 4:08

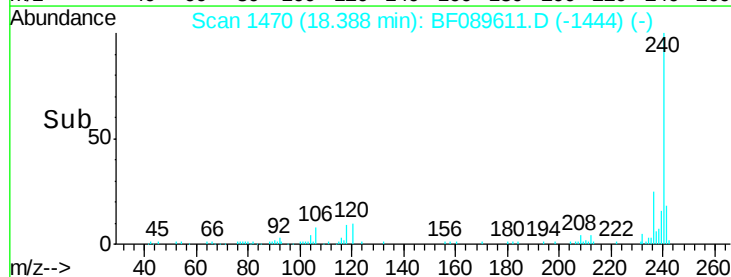
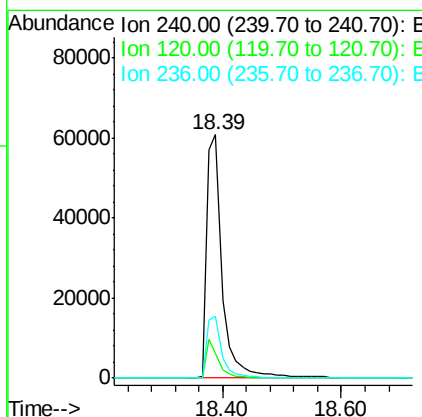
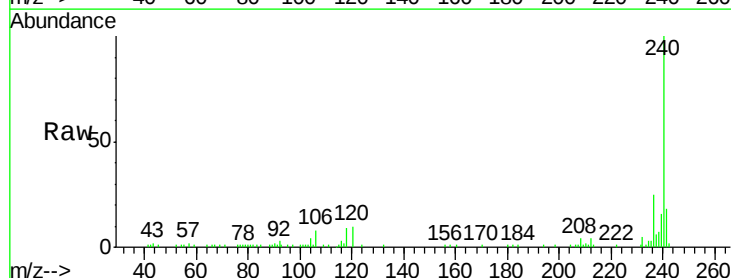
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER

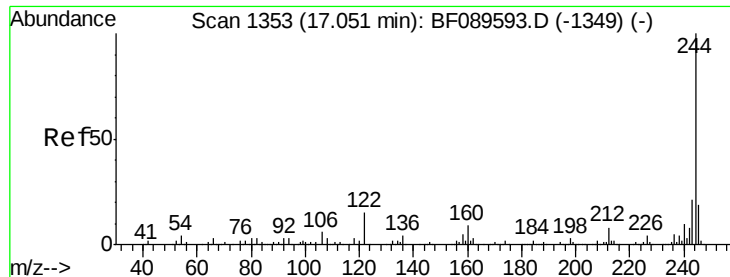
Tgt Ion:149 Resp: 43142
Ion Ratio Lower Upper
149 100
150 9.7 7.2 10.8
104 5.5 3.8 5.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089611.D
Acq: 5 Aug 2016 4:08

Tgt Ion:240 Resp: 110675
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 25.4 20.6 30.8





#78

Terphenyl-d14

Concen: 25.95 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER

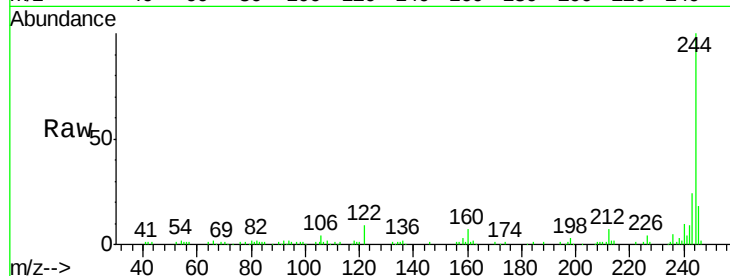
Tgt Ion:244 Resp: 145479

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

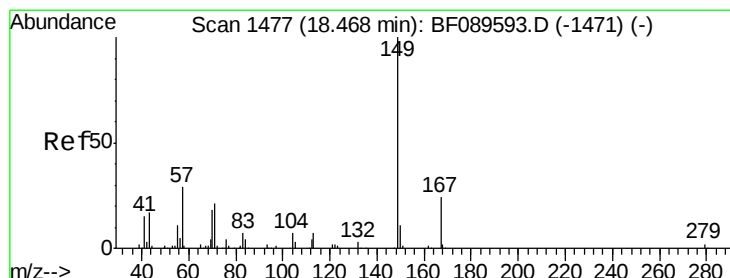
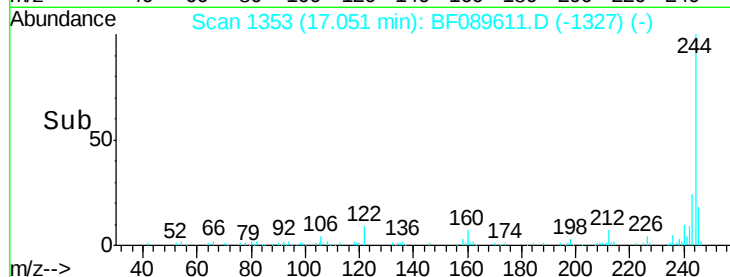
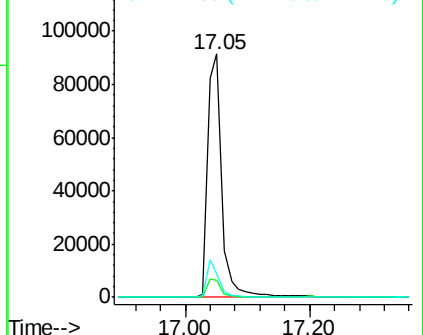
122 9.4 12.2 18.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.71 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089611.D

Acq: 5 Aug 2016 4:08

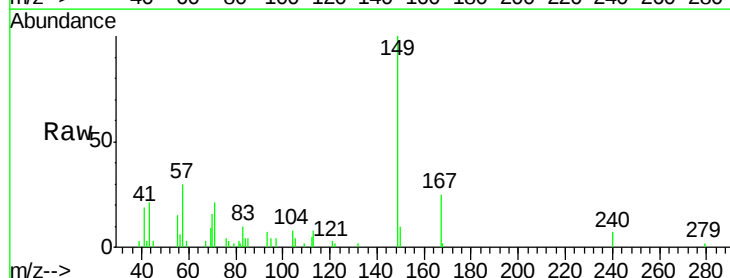
Tgt Ion:149 Resp: 15612

Ion Ratio Lower Upper

149 100

167 25.3 19.0 28.4

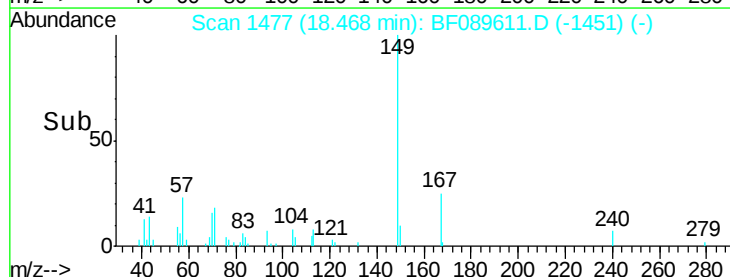
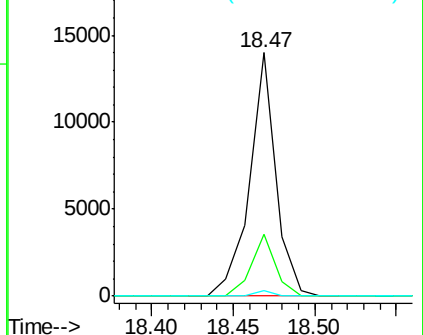
279 2.5 1.8 2.6

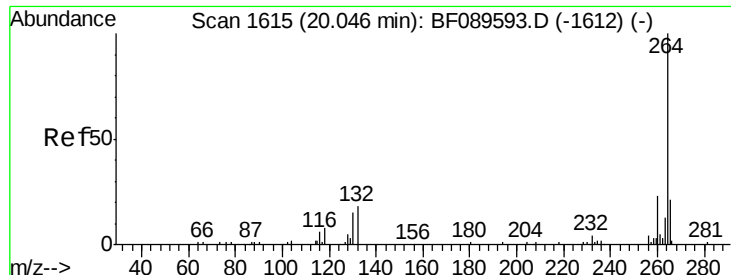


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

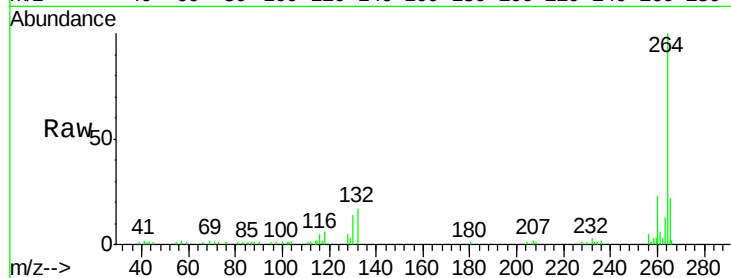




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089611.D
Acq: 5 Aug 2016 4:08

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER

Tgt Ion: 264 Resp: 79191
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.6 16.5 24.7



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

