

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089672.D
 Acq On : 8 Aug 2016 21:15
 Operator : UM/SJ
 Sample : H4287-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Quant Time: Aug 09 04:08:06 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

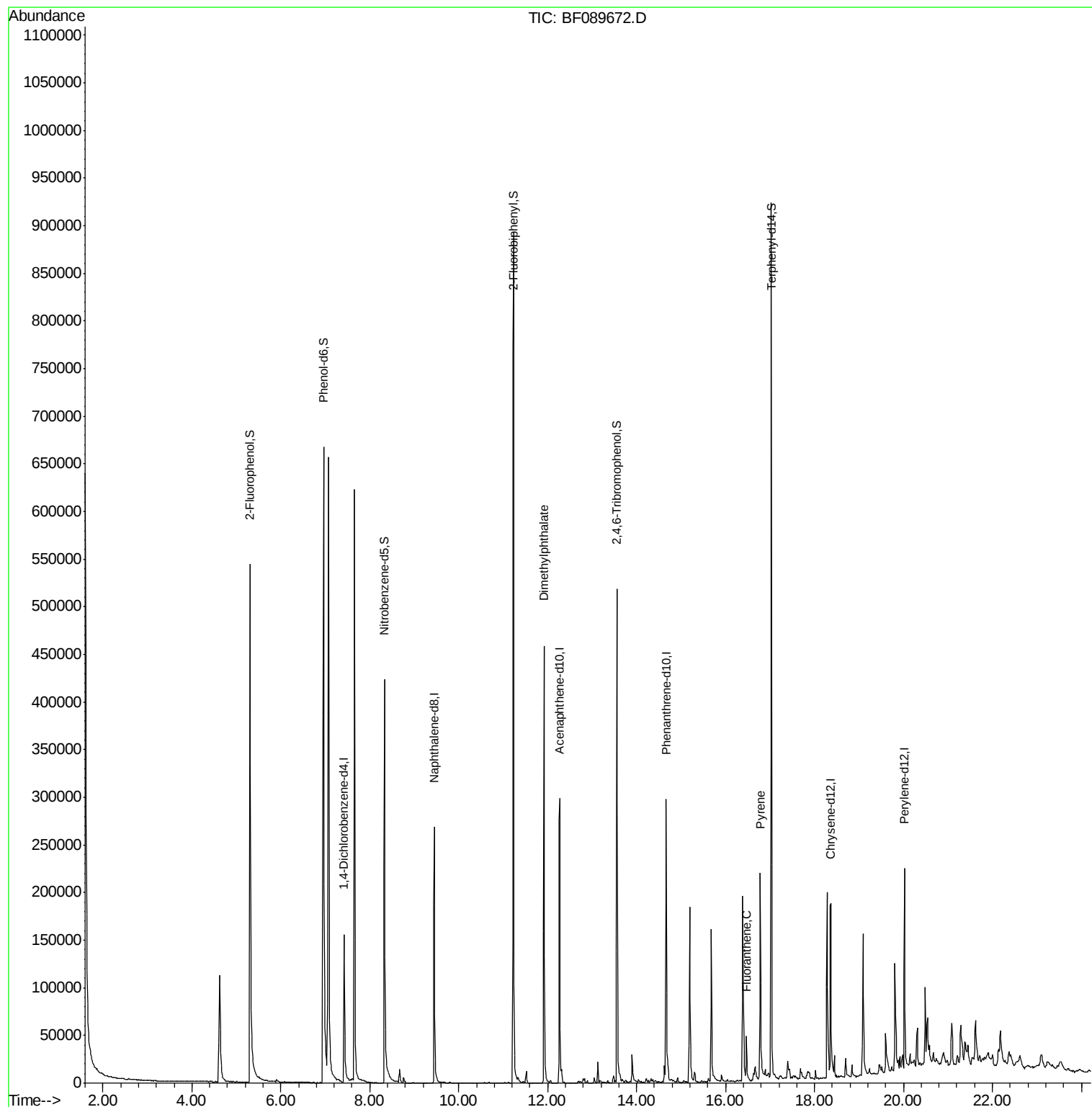
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	49356	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	214254	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	99576	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	184386	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	104197	20.00	ng	-0.02
86) Perylene-d12	20.02	264	99416	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	285112	96.82	ng	-0.01
7) Phenol-d6	6.96	99	412977	103.38	ng	-0.02
23) Nitrobenzene-d5	8.33	82	255419	65.94	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	80197	97.59	ng	-0.03
44) 2-Fluorobiphenyl	11.23	172	483288	63.08	ng	-0.02
78) Terphenyl-d14	17.03	244	345339	65.43	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.92	163	250302	32.07	ng	99
74) Fluoranthene	16.47	202	25781	2.50	ng	98
77) Pyrene	16.78	202	23708	2.57	ng	# 94

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

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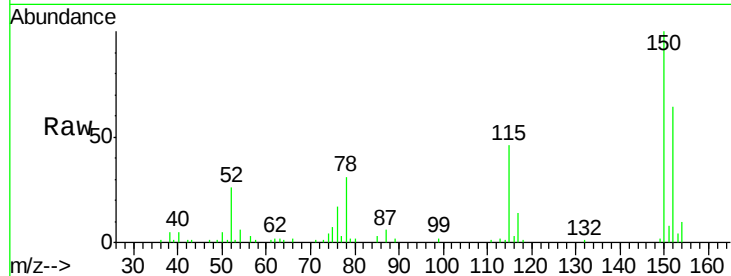


#1

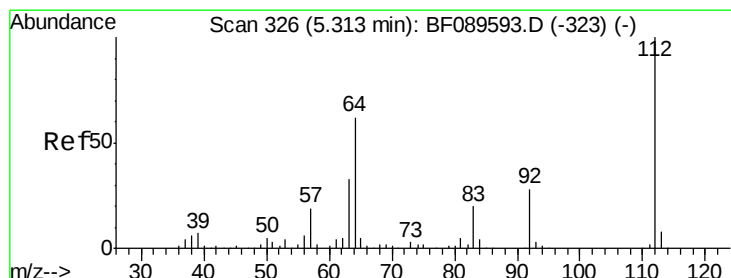
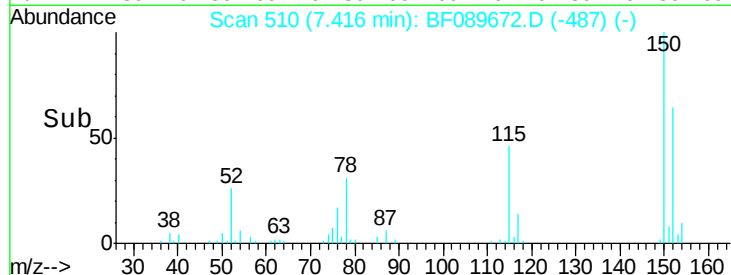
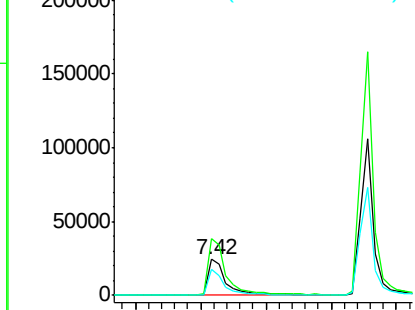
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Instrument :
BNA_F
ClientSampleId :
SB-60-0.5-1.5

Tgt Ion:152 Resp: 49356
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 71.7 52.0 78.0



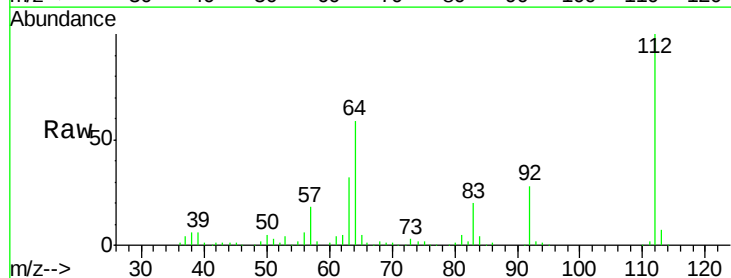
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



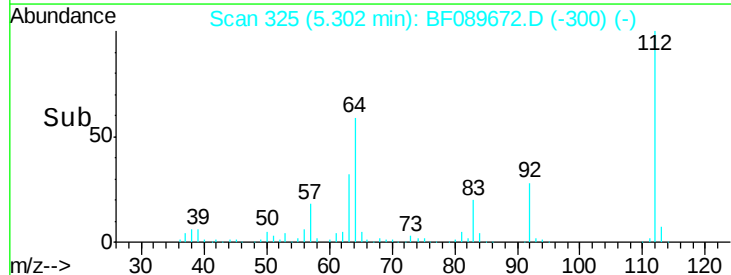
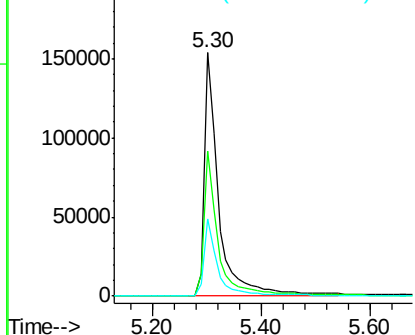
#5

2-Fluorophenol
Concen: 96.82 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.01 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Tgt Ion:112 Resp: 285112
Ion Ratio Lower Upper
112 100
64 59.4 49.9 74.9
63 31.7 26.1 39.1



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: 103.38 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

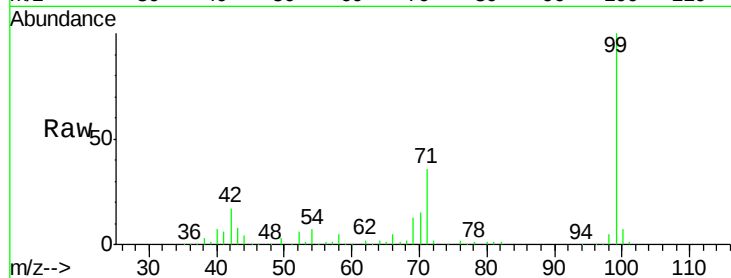
Tgt Ion: 99 Resp: 412977

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

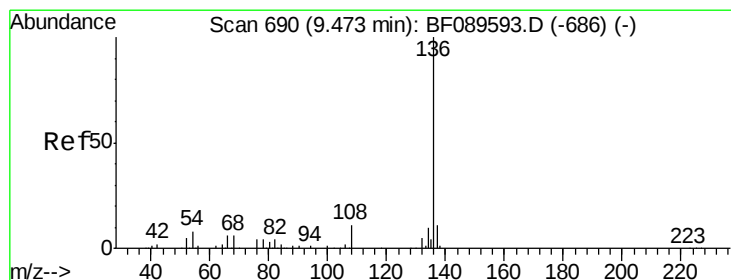
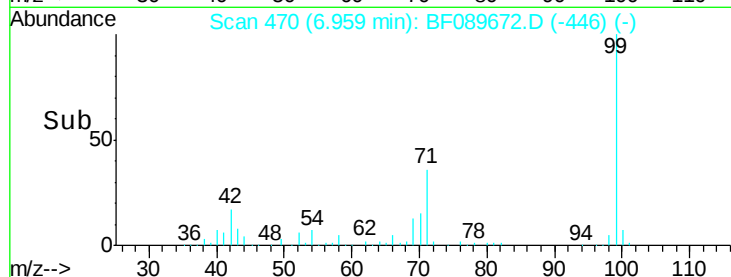
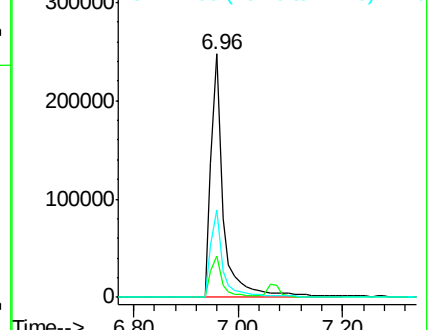
71 36.0 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Tgt Ion: 136 Resp: 214254

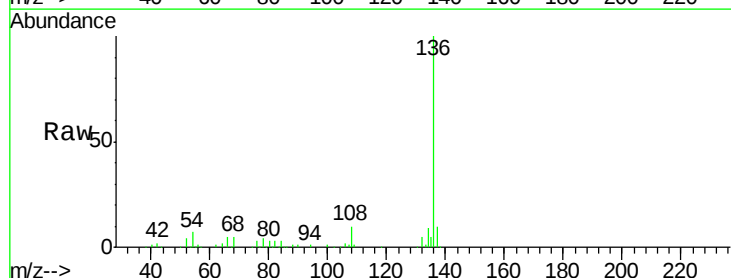
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.6 6.0 9.0

68 5.1 4.6 6.8

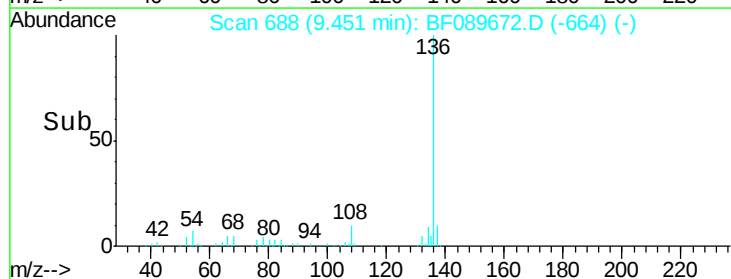
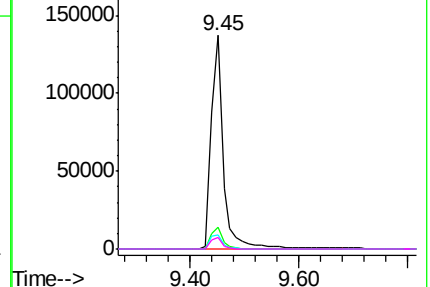


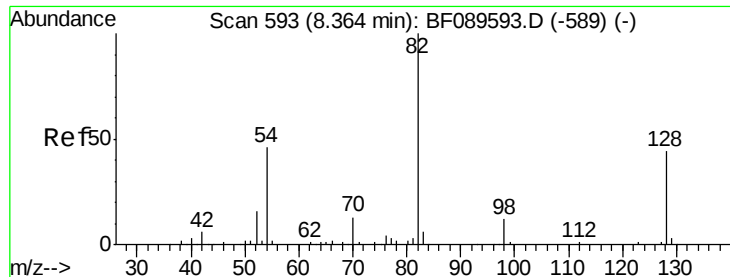
Abundance Ion 136.00 (135.70 to 136.70): E

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

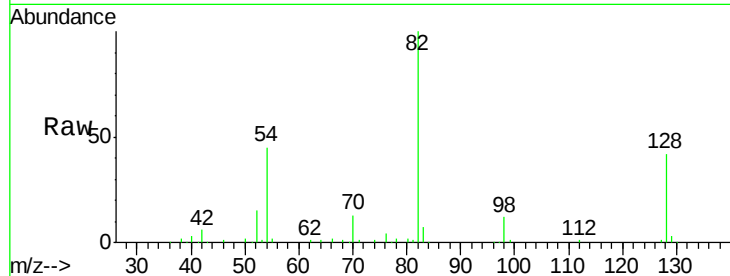




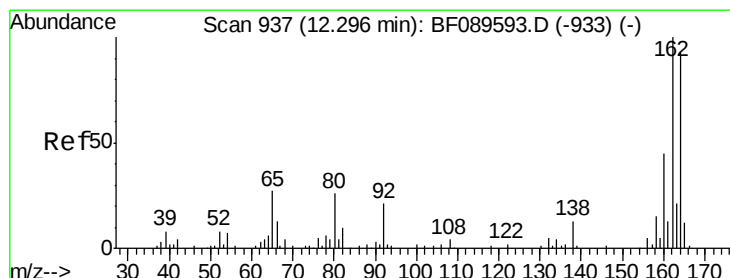
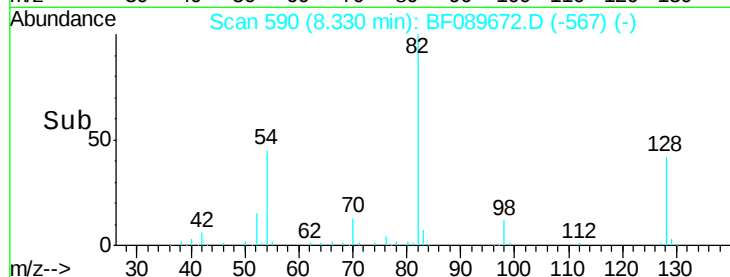
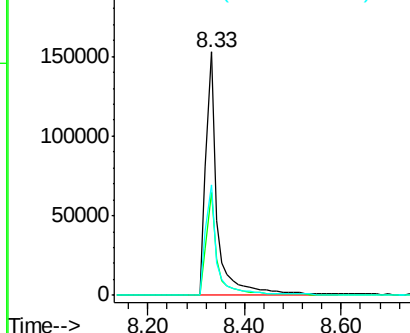
#23
 Nitrobenzene-d5
 Concen: 65.94 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Tgt Ion: 82 Resp: 255419
 Ion Ratio Lower Upper
 82 100
 128 42.4 35.4 53.0
 54 45.3 36.4 54.6

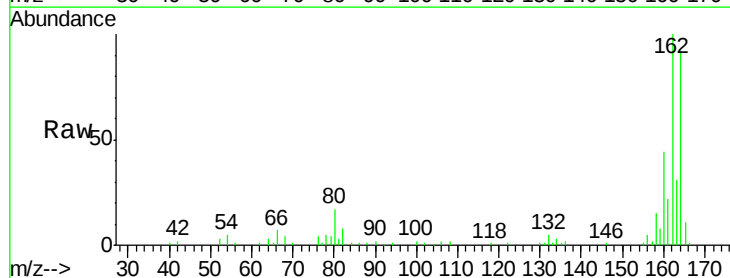


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

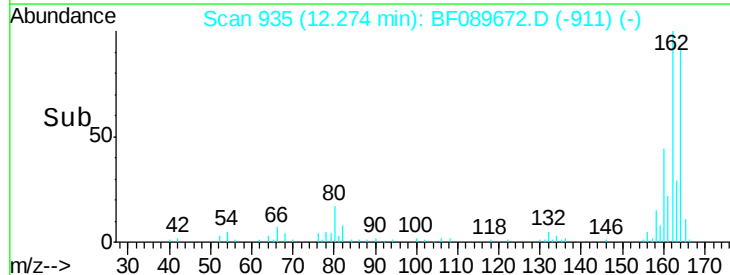
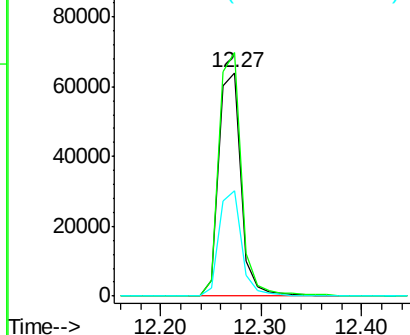


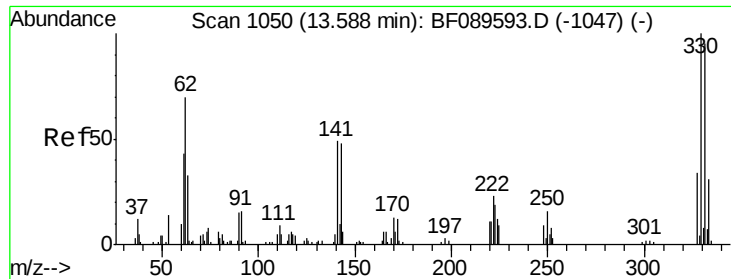
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion: 164 Resp: 99576
 Ion Ratio Lower Upper
 164 100
 162 109.1 85.7 128.5
 160 47.4 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

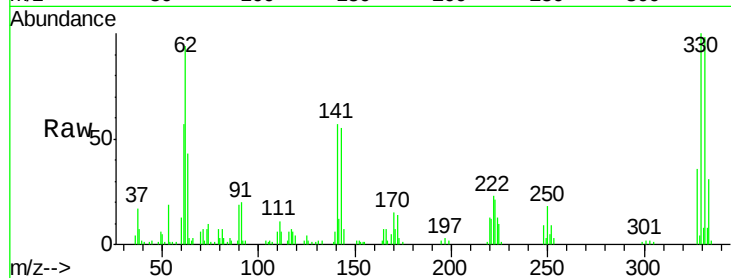




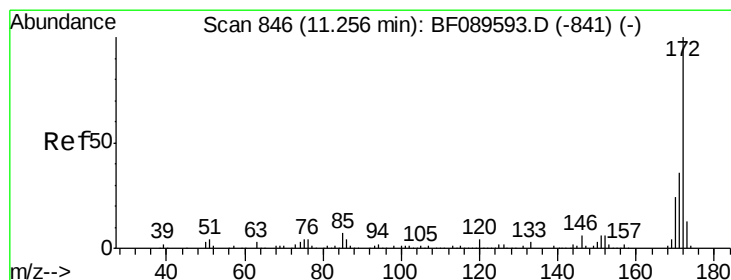
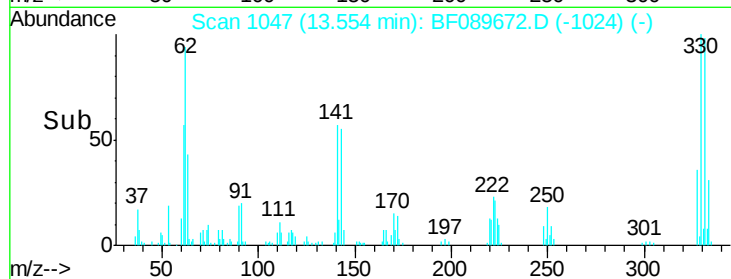
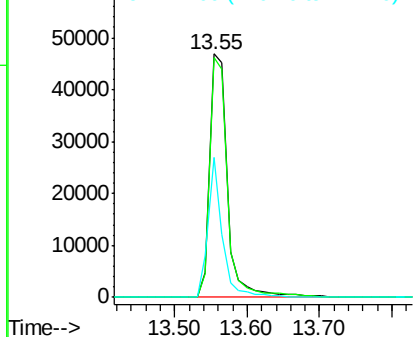
#41
 2,4,6-Tribromophenol
 Concen: 97.59 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-60-0.5-1.5

Tgt Ion:330 Resp: 80197
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 46.1 38.6 57.8

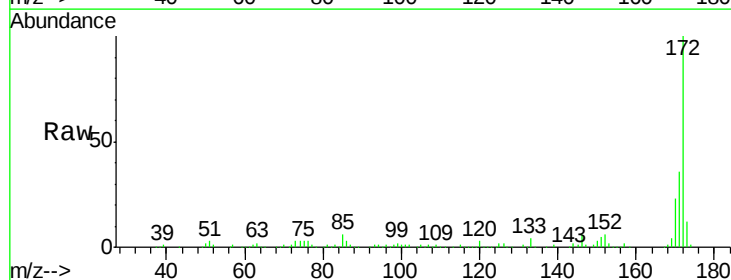


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

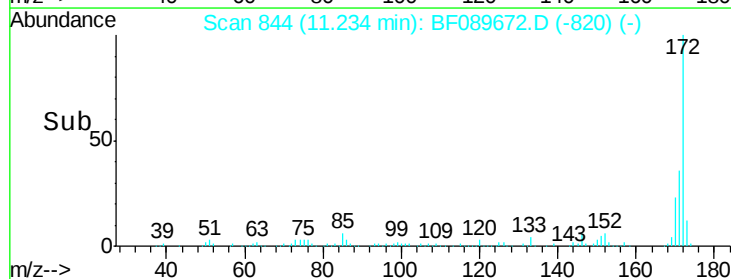
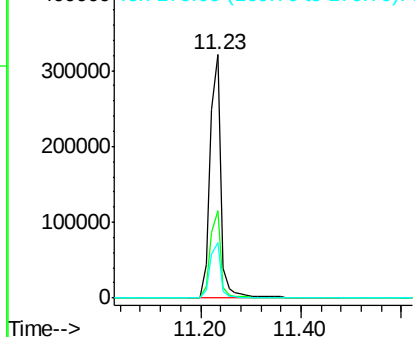


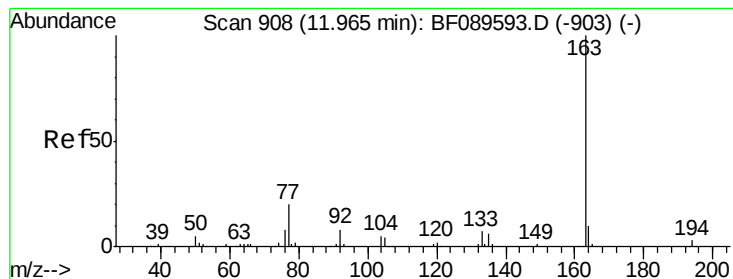
#44
 2-Fluorobiphenyl
 Concen: 63.08 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion:172 Resp: 483288
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.0 19.0 28.6



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: 32.07 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

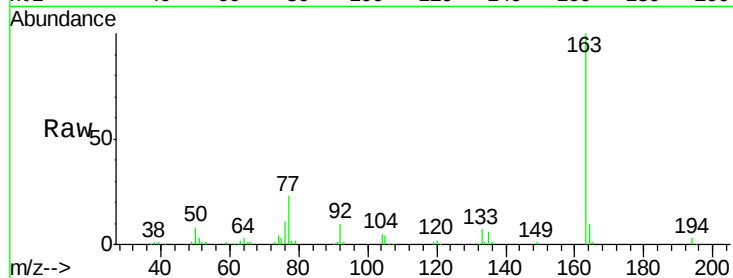
Tgt Ion:163 Resp: 250302

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

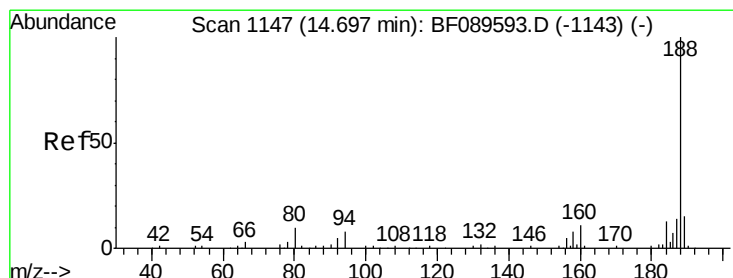
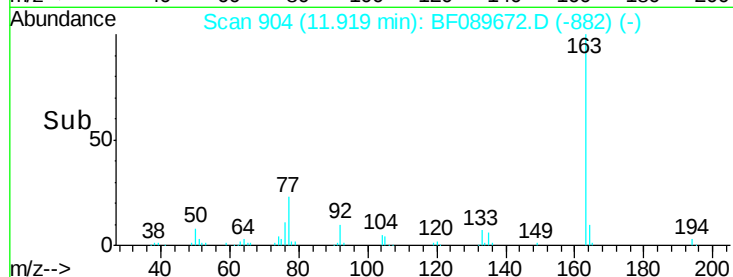
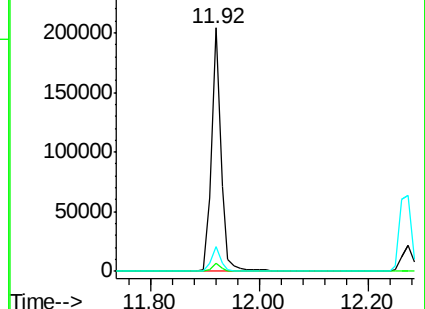
164 10.1 7.8 11.6



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: 14.66 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

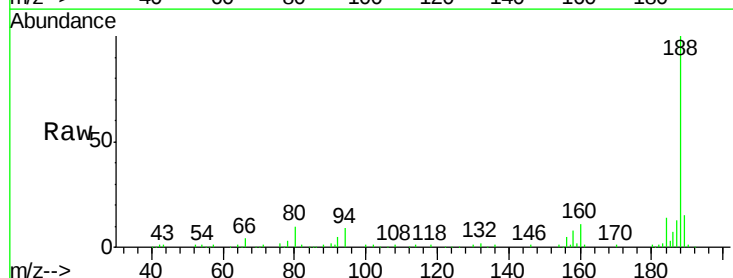
Tgt Ion:188 Resp: 184386

Ion Ratio Lower Upper

188 100

94 8.6 6.5 9.7

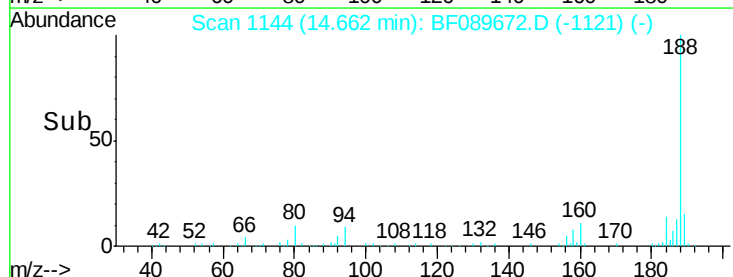
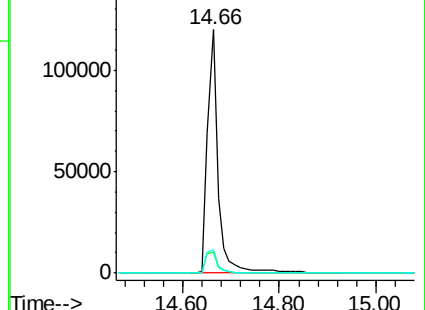
80 9.9 8.0 12.0

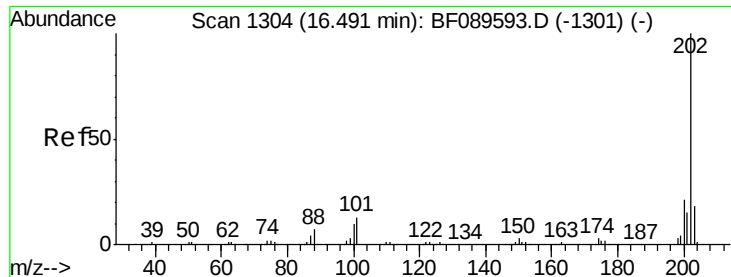


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

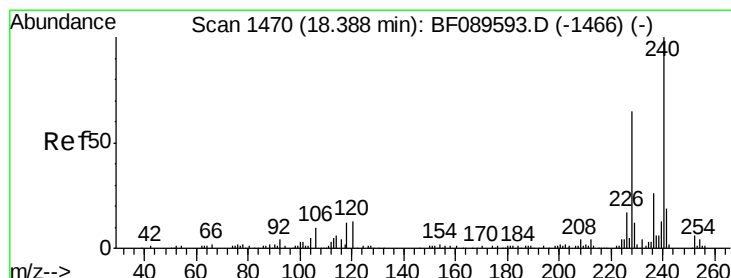
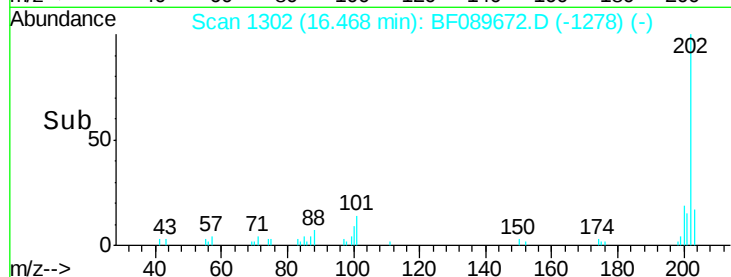
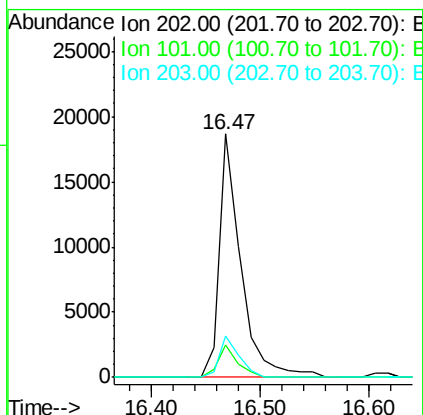
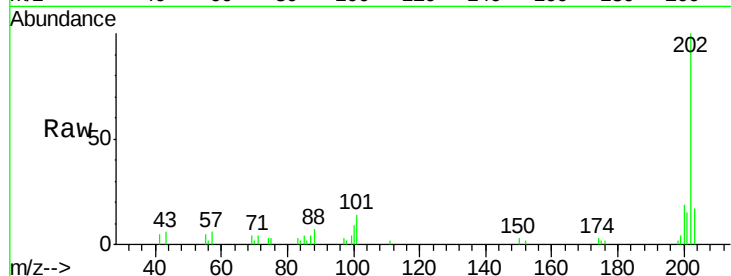




#74
Fluoranthene
 Concen: 2.50 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

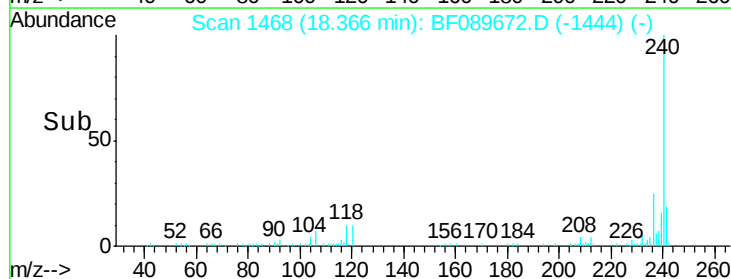
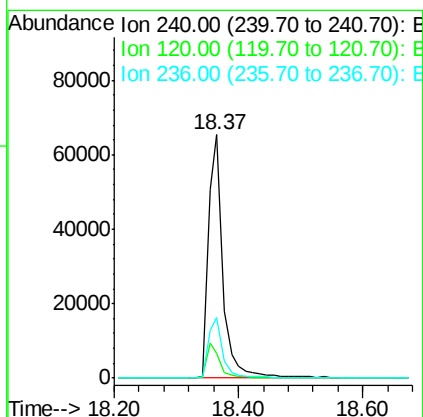
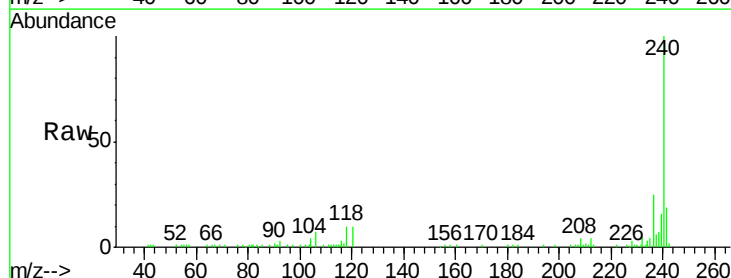
Instrument :
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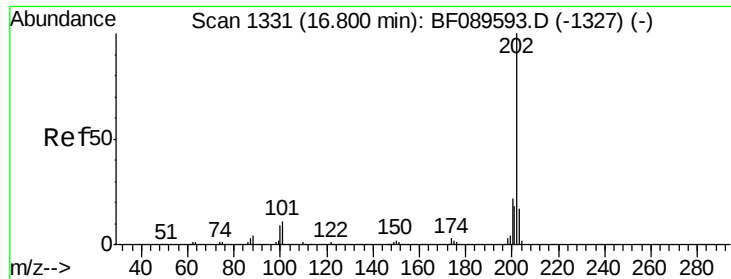
Tgt Ion: 202 Resp: 25781
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 32.7
 203 16.8 0.0 37.8



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF089672.D
 Acq: 8 Aug 2016 21:15

Tgt Ion: 240 Resp: 104197
 Ion Ratio Lower Upper
 240 100
 120 10.2 10.6 15.8#
 236 24.8 20.6 30.8





#77

Pyrene

Concen: 2.57 ng

RT: 16.78 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

Instrument :

BNA_F

ClientSampleId :

SB-60-0.5-1.5

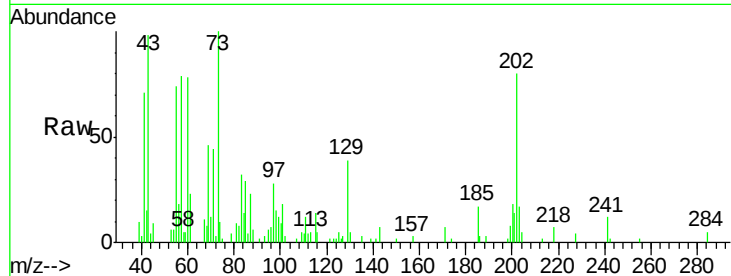
Tgt Ion:202 Resp: 23708

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.0

203 21.3 13.6 20.4#

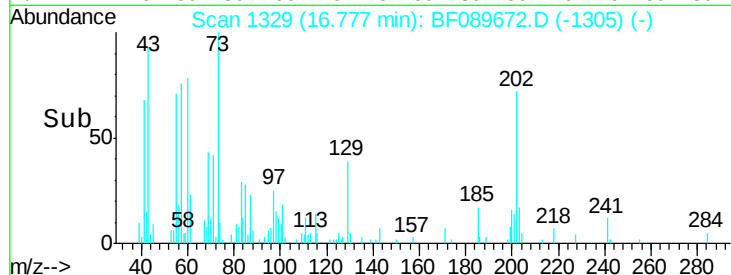


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



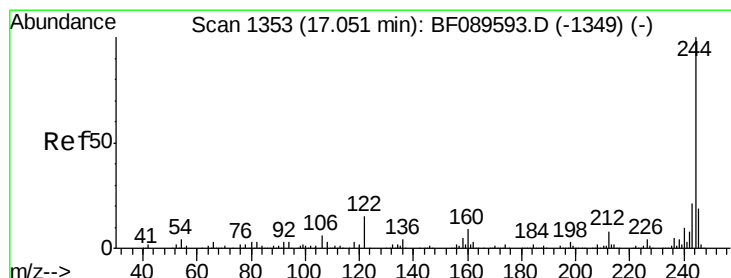
Abundance

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

Time-->



#78

Terphenyl-d14

Concen: 65.43 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089672.D

Acq: 8 Aug 2016 21:15

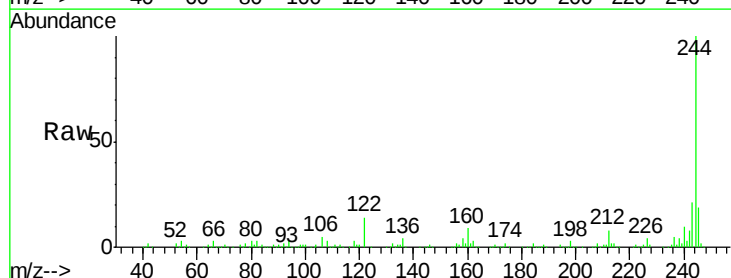
Tgt Ion:244 Resp: 345339

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 13.9 12.2 18.2

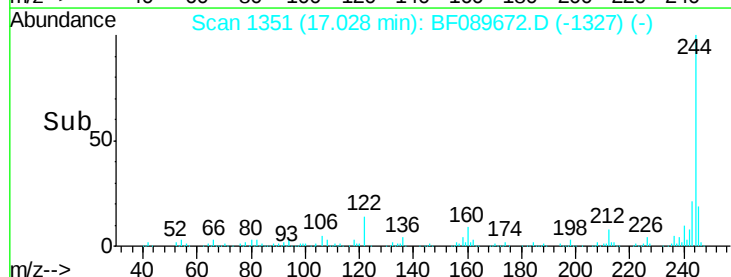


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



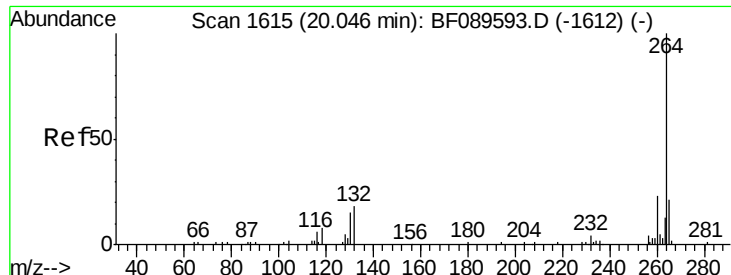
Abundance

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

Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089672.D
Acq: 8 Aug 2016 21:15

Instrument :
BNA_F
ClientSampleId :
SB-60-0.5-1.5

Tgt Ion: 264 Resp: 99416
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.9 16.5 24.7

