

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088208.D
 Acq On : 21 Jun 2016 9:28
 Operator : UM/SJ
 Sample : H3580-27
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(6-12)C

Quant Time: Jun 21 12:56:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

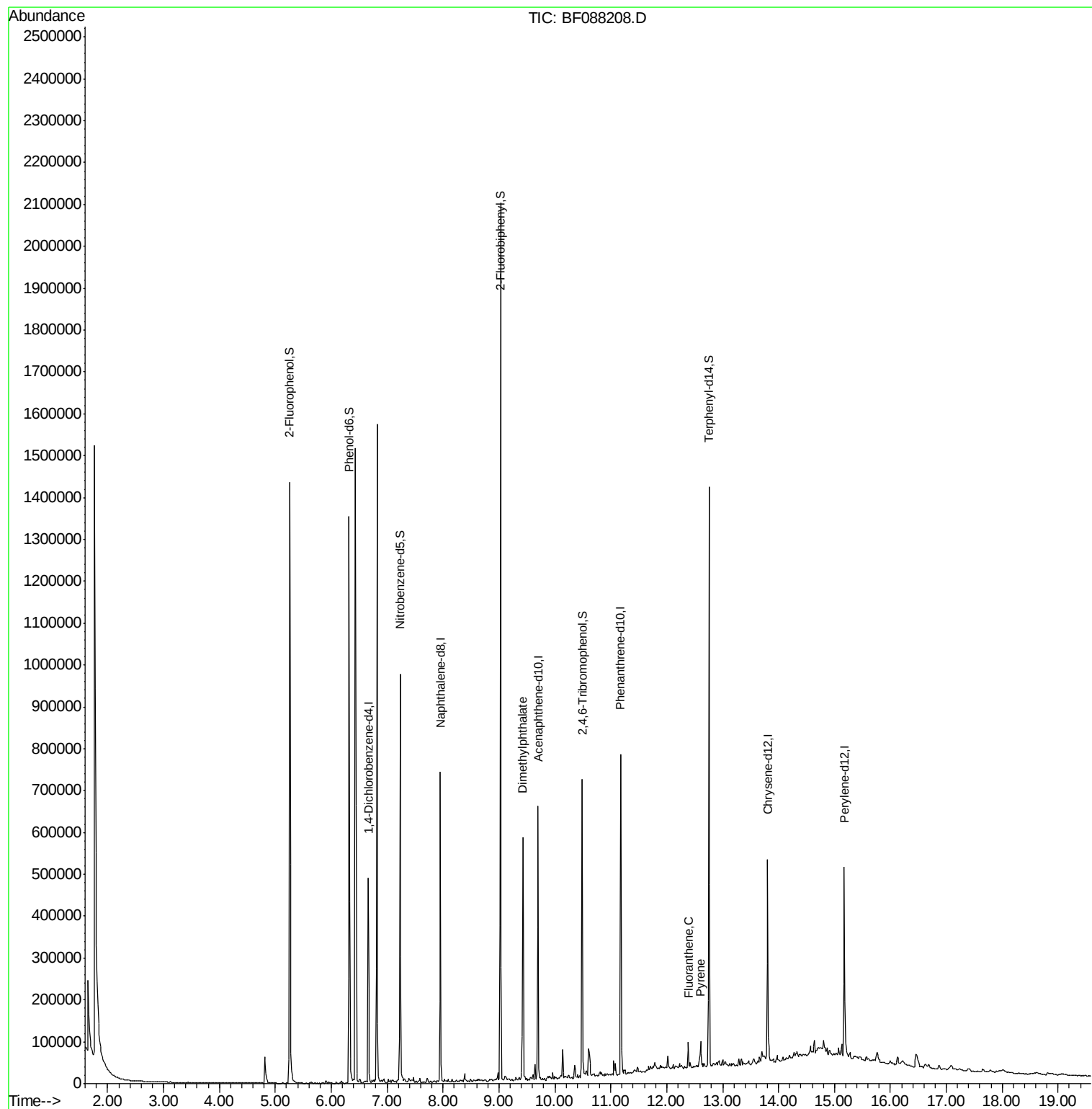
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	87614	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	350785	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	153972	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	268125	20.00	ng	0.00
75) Chrysene-d12	13.81	240	173478	20.00	ng	0.00
86) Perylene-d12	15.18	264	188783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	477331	93.14	ng	0.00
7) Phenol-d6	6.32	99	571204	91.97	ng	-0.01
23) Nitrobenzene-d5	7.23	82	345650	57.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	137434	84.53	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	649940	65.01	ng	-0.01
78) Terphenyl-d14	12.75	244	446151	58.52	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	232190	20.82	ng	99
74) Fluoranthene	12.39	202	31503	2.12	ng	94
77) Pyrene	12.61	202	29025	2.25	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: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

Instrument :

BNA_F

ClientSampleId :

08-B3(6-12)C

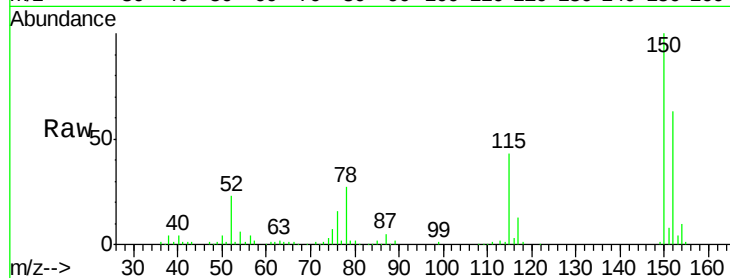
Tot Ion:152 Resp: 87614

Ion Ratio Lower Upper

152 100

150 159.1 123.8 185.6

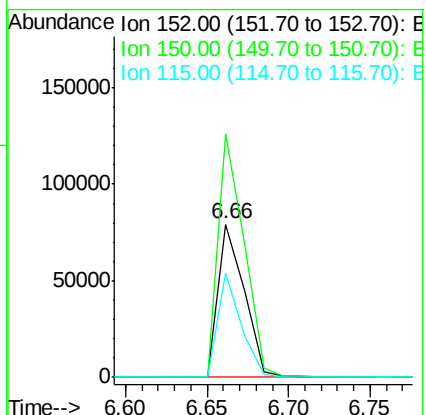
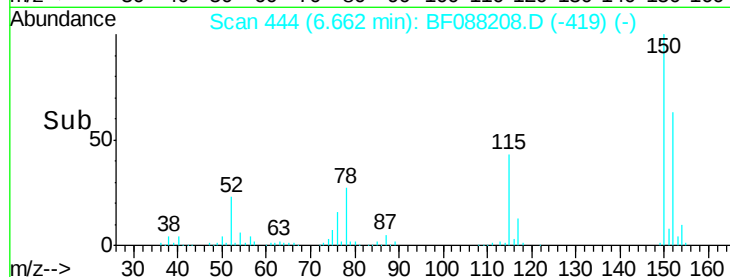
115 68.0 39.6 59.4#



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: 93.14 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

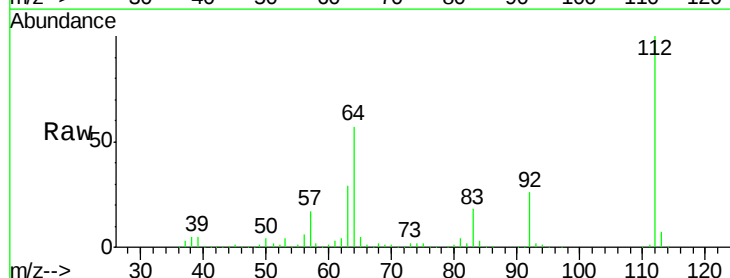
Tgt Ion:112 Resp: 477331

Ion Ratio Lower Upper

112 100

64 57.0 42.2 63.2

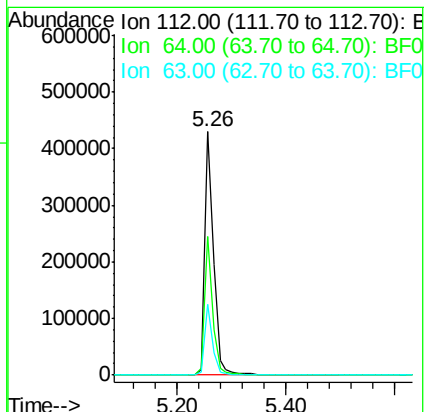
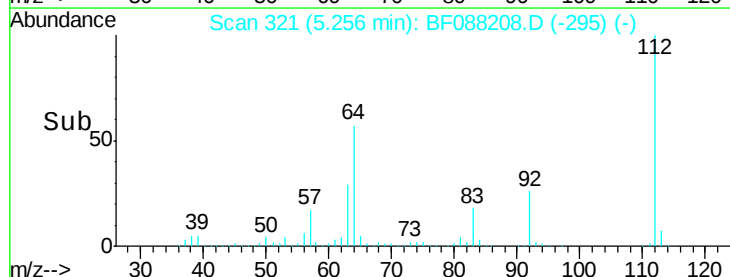
63 29.0 21.8 32.8



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: 91.97 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

Instrument :

BNA_F

ClientSampleId :

08-B3(6-12)C

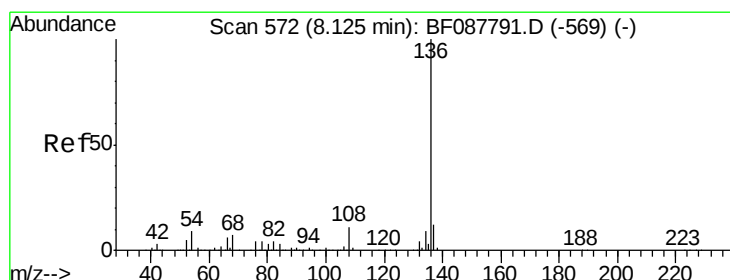
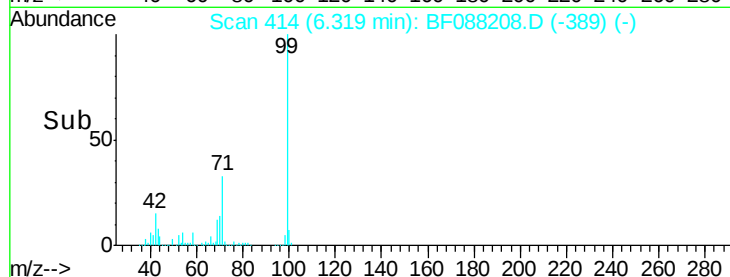
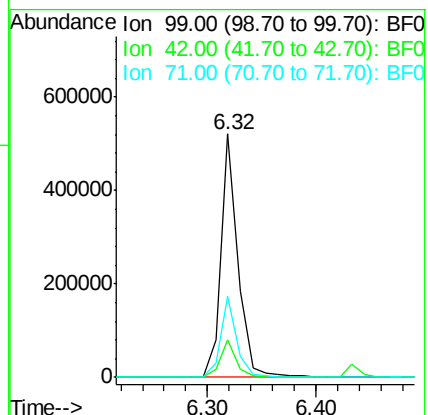
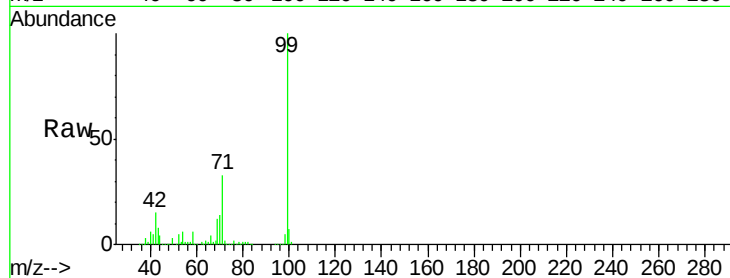
Tot Ion: 99 Resp: 571204

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.4 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

Tgt Ion: 136 Resp: 350785

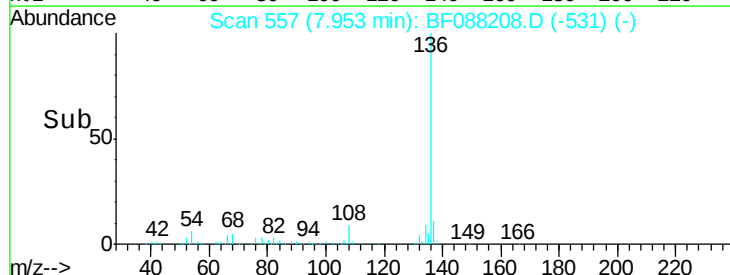
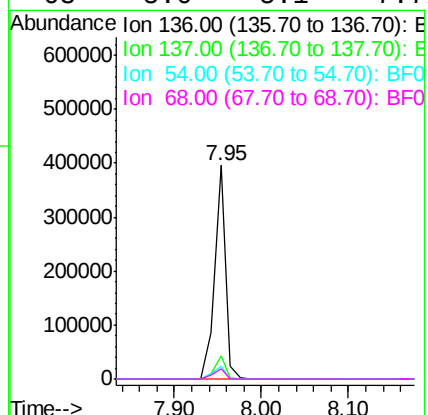
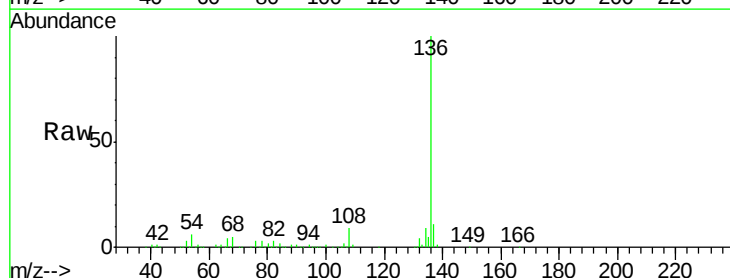
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.8 6.6 10.0#

68 5.0 5.1 7.7#

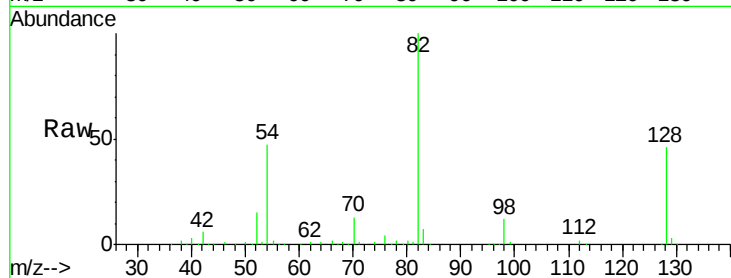




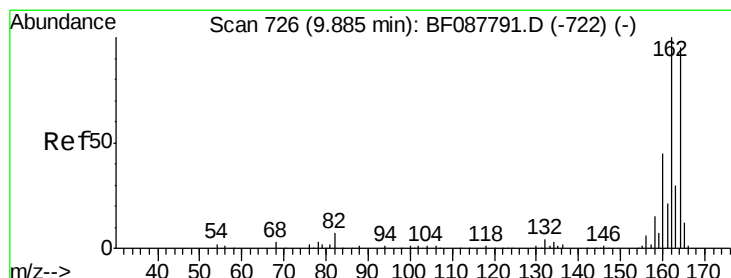
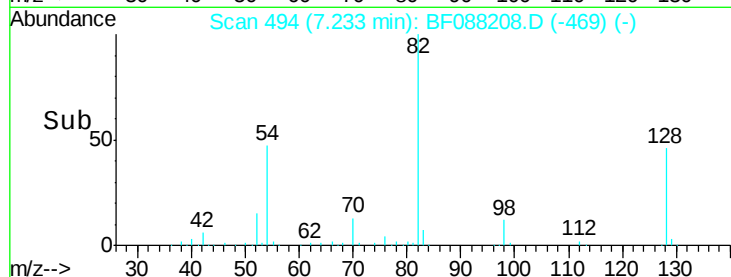
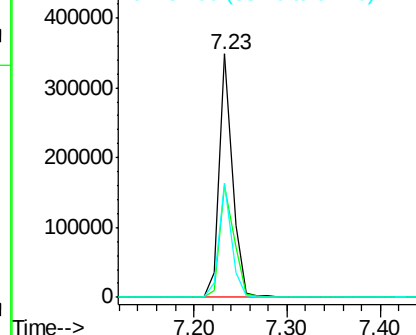
#23
Nitrobenzene-d5
Concen: 57.54 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088208.D
Acq: 21 Jun 2016 9:28

Instrument :
BNA_F
ClientSampleId :
08-B3(6-12)C

Tot Ion: 82 Resp: 345650
Ion Ratio Lower Upper
82 100
128 45.7 35.9 53.9
54 46.8 40.9 61.3

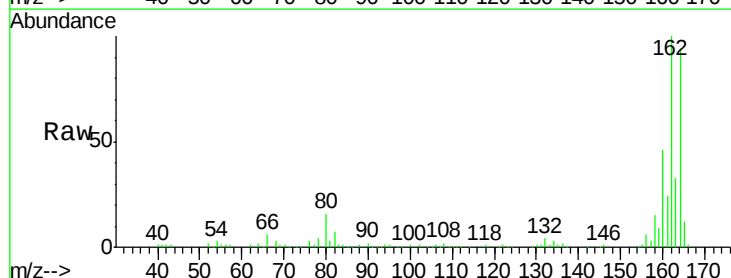


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

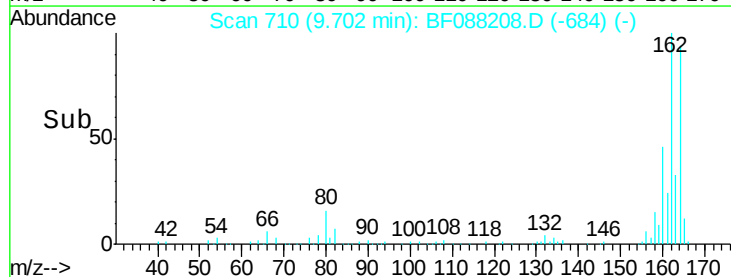
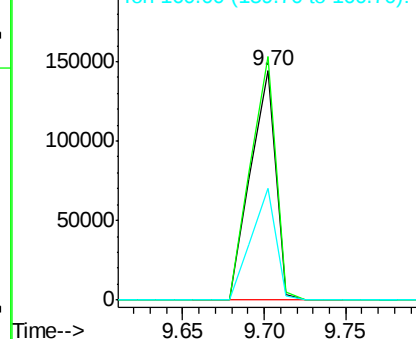


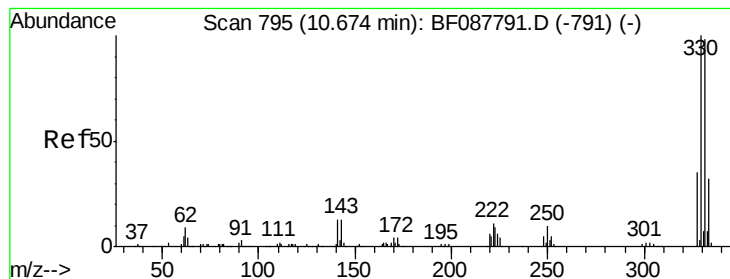
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088208.D
Acq: 21 Jun 2016 9:28

Tgt Ion:164 Resp: 153972
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 48.9 39.5 59.3



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: 84.53 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

Instrument :

BNA_F

ClientSampleId :

08-B3(6-12)C

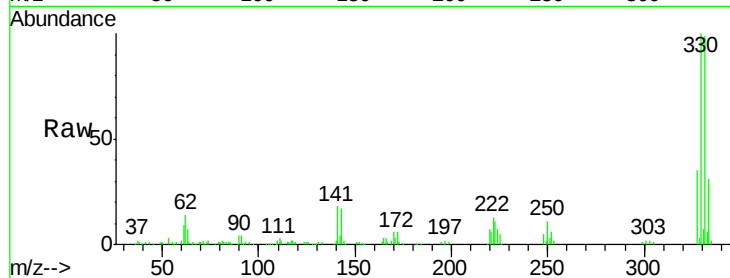
Tot Ion:330 Resp: 137434

Ion Ratio Lower Upper

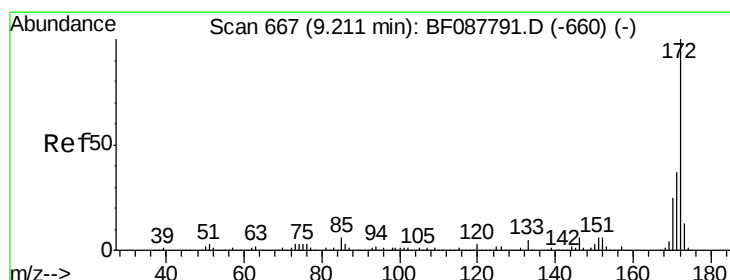
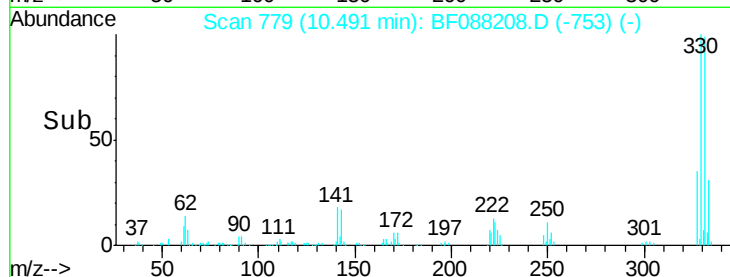
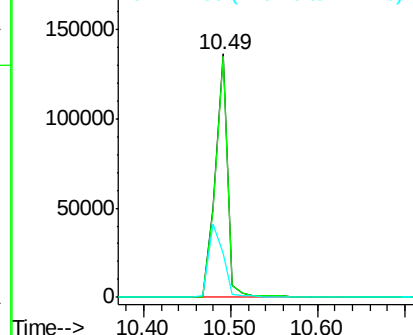
330 100

332 98.2 0.0 0.0#

141 35.7 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: 65.01 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

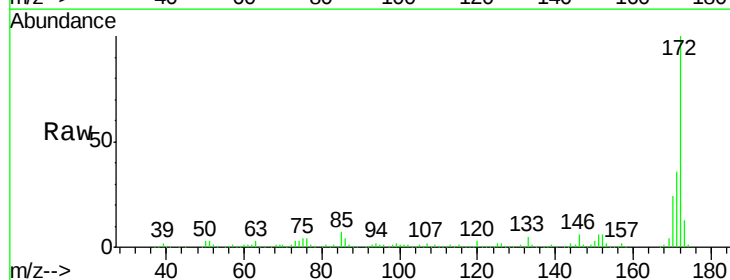
Tgt Ion:172 Resp: 649940

Ion Ratio Lower Upper

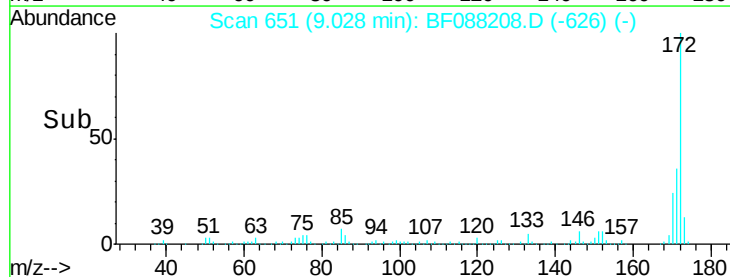
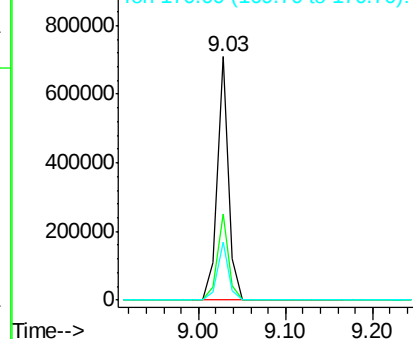
172 100

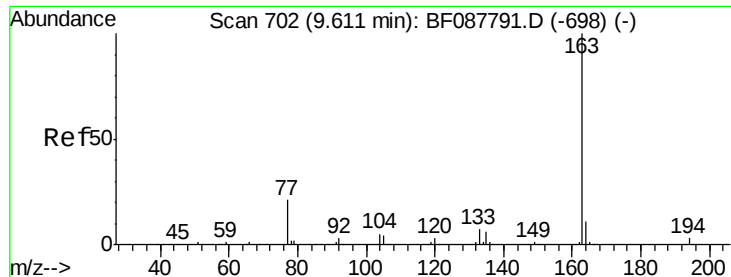
171 35.6 28.6 43.0

170 23.7 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

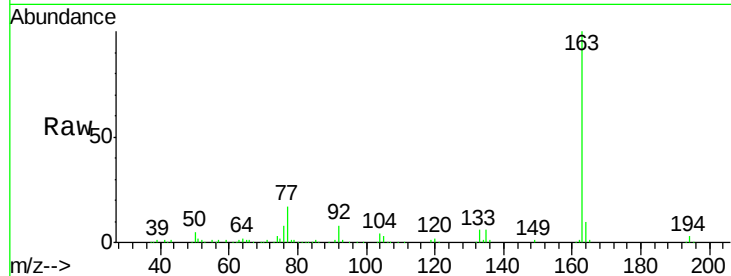




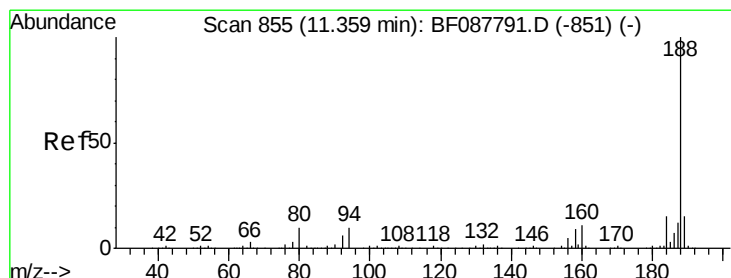
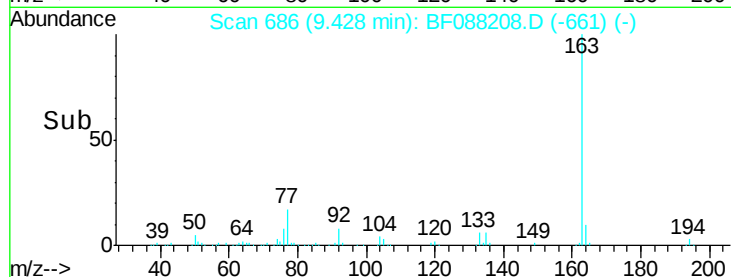
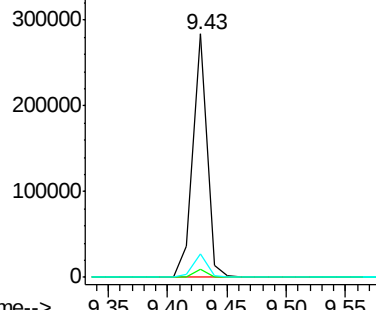
#49
Dimethylphthalate
Concen: 20.82 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088208.D
Acq: 21 Jun 2016 9:28

Instrument :
BNA_F
ClientSampleId :
08-B3(6-12)C

Tot Ion:163 Resp: 232190
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.3 12.5

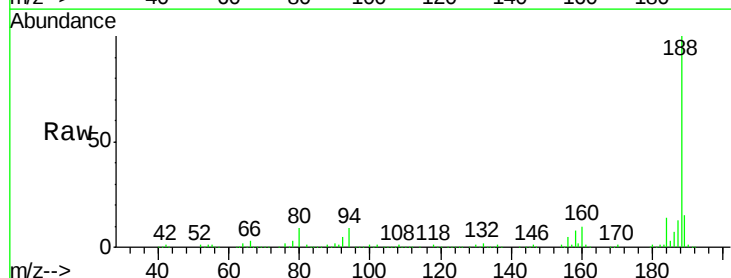


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

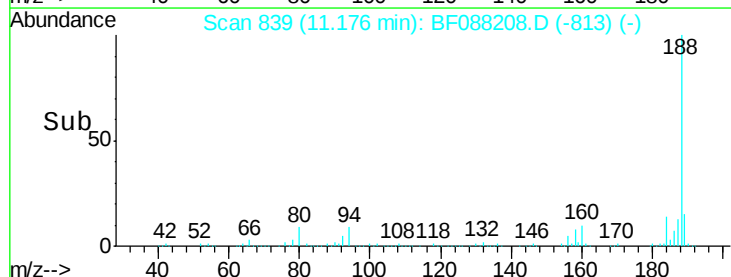
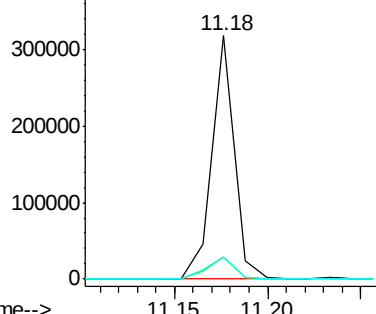


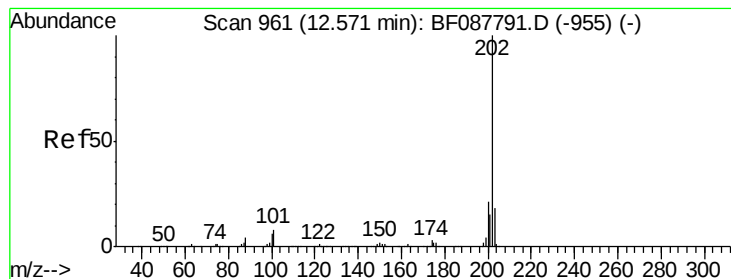
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088208.D
Acq: 21 Jun 2016 9:28

Tgt Ion:188 Resp: 268125
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.6
80 9.1 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: 2.12 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

Instrument :

BNA_F

ClientSampleId :

08-B3(6-12)C

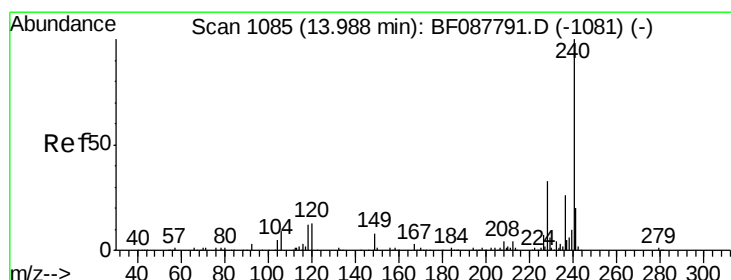
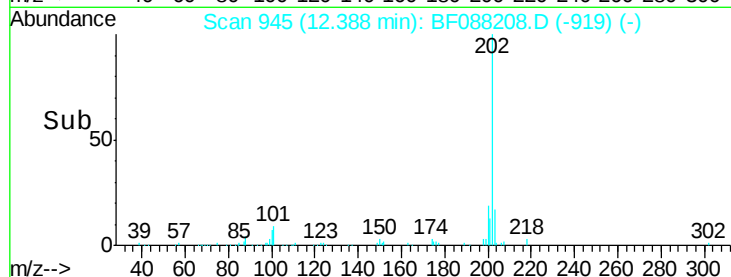
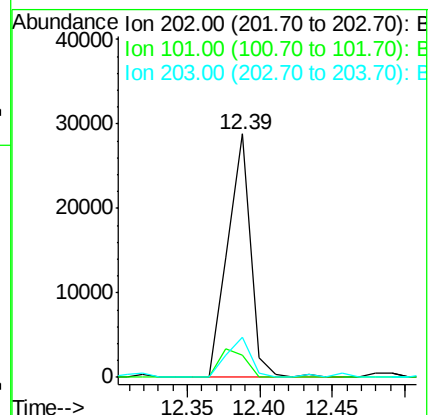
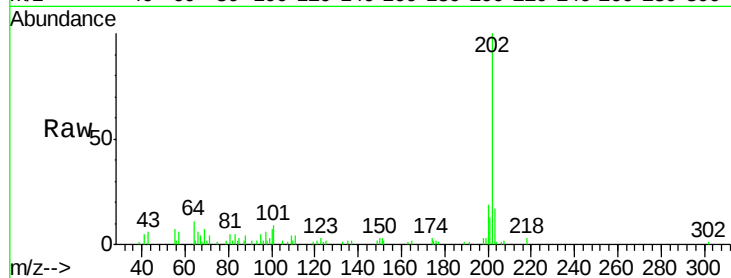
Tot Ion:202 Resp: 31503

Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.1

203 16.7 0.0 38.1



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

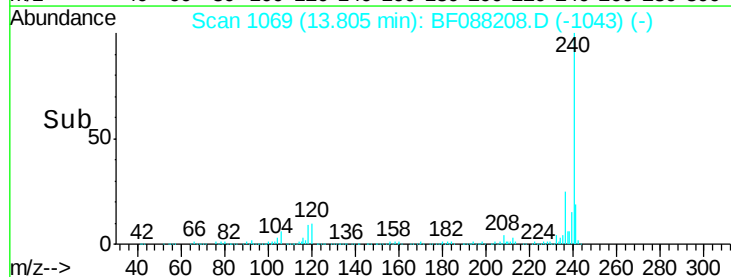
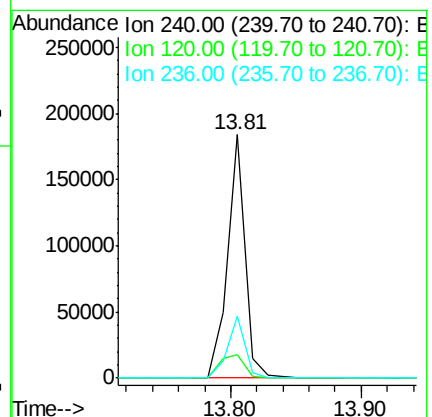
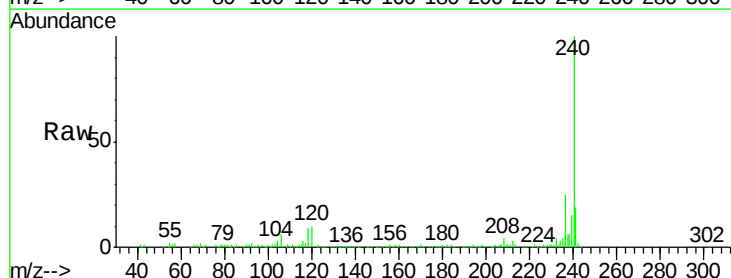
Tgt Ion:240 Resp: 173478

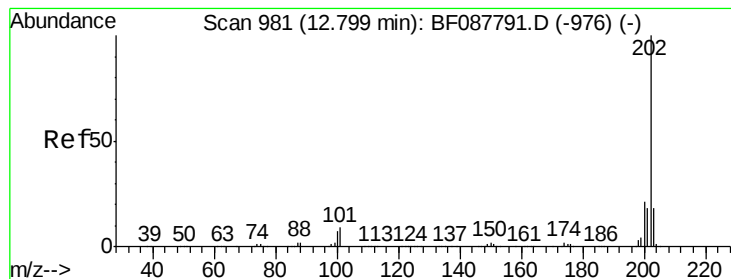
Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

236 25.3 20.2 30.2





#77

Pvrene

Concen: 2.25 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

Instrument :

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08-B3(6-12)C

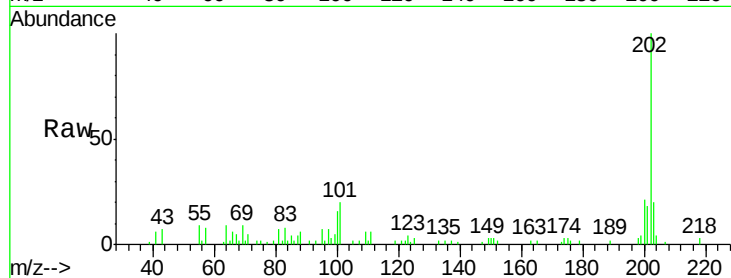
Tot Ion:202 Resp: 29025

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

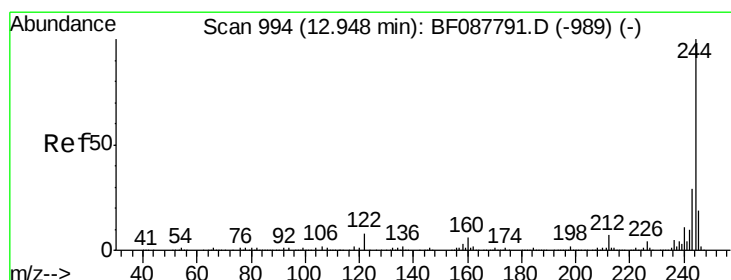
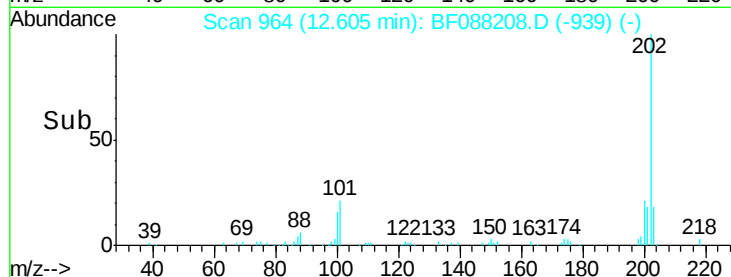
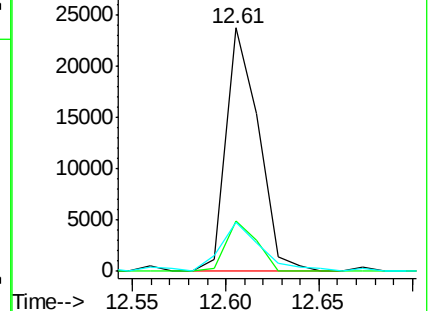
203 19.9 14.5 21.7



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: 58.52 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088208.D

Acq: 21 Jun 2016 9:28

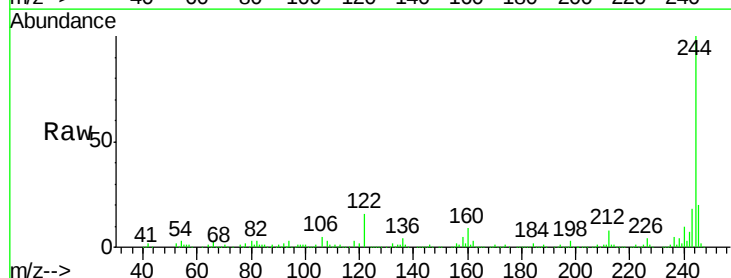
Tgt Ion:244 Resp: 446151

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

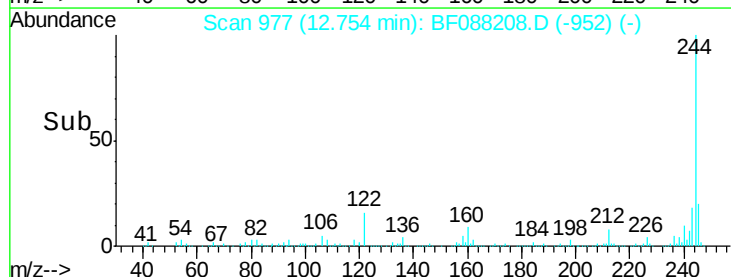
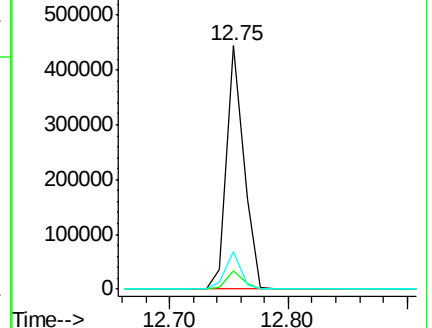
122 15.6 11.2 16.8

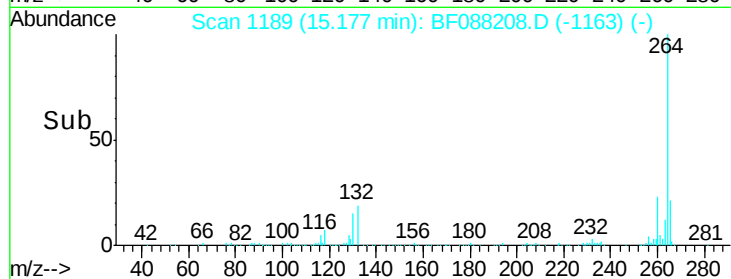
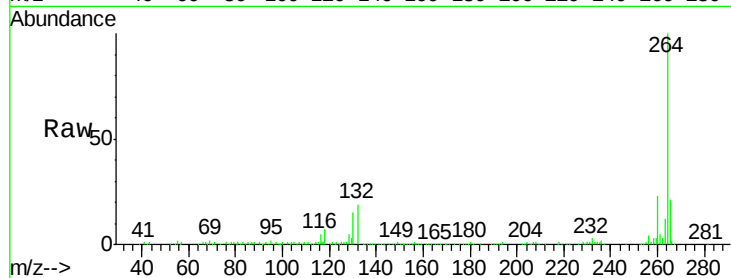
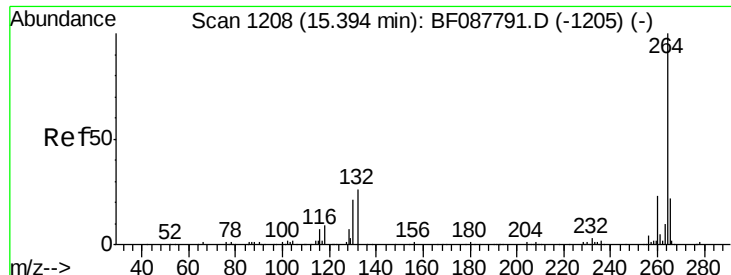


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088208.D
 Acq: 21 Jun 2016 9:28

Instrument :
 BNA_F
 ClientSampleId :
 08-B3(6-12)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	16.9	25.3

