

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088282.D
 Acq On : 23 Jun 2016 8:26
 Operator : UM/SJ
 Sample : H3065-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511

Quant Time: Jun 23 13:17:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

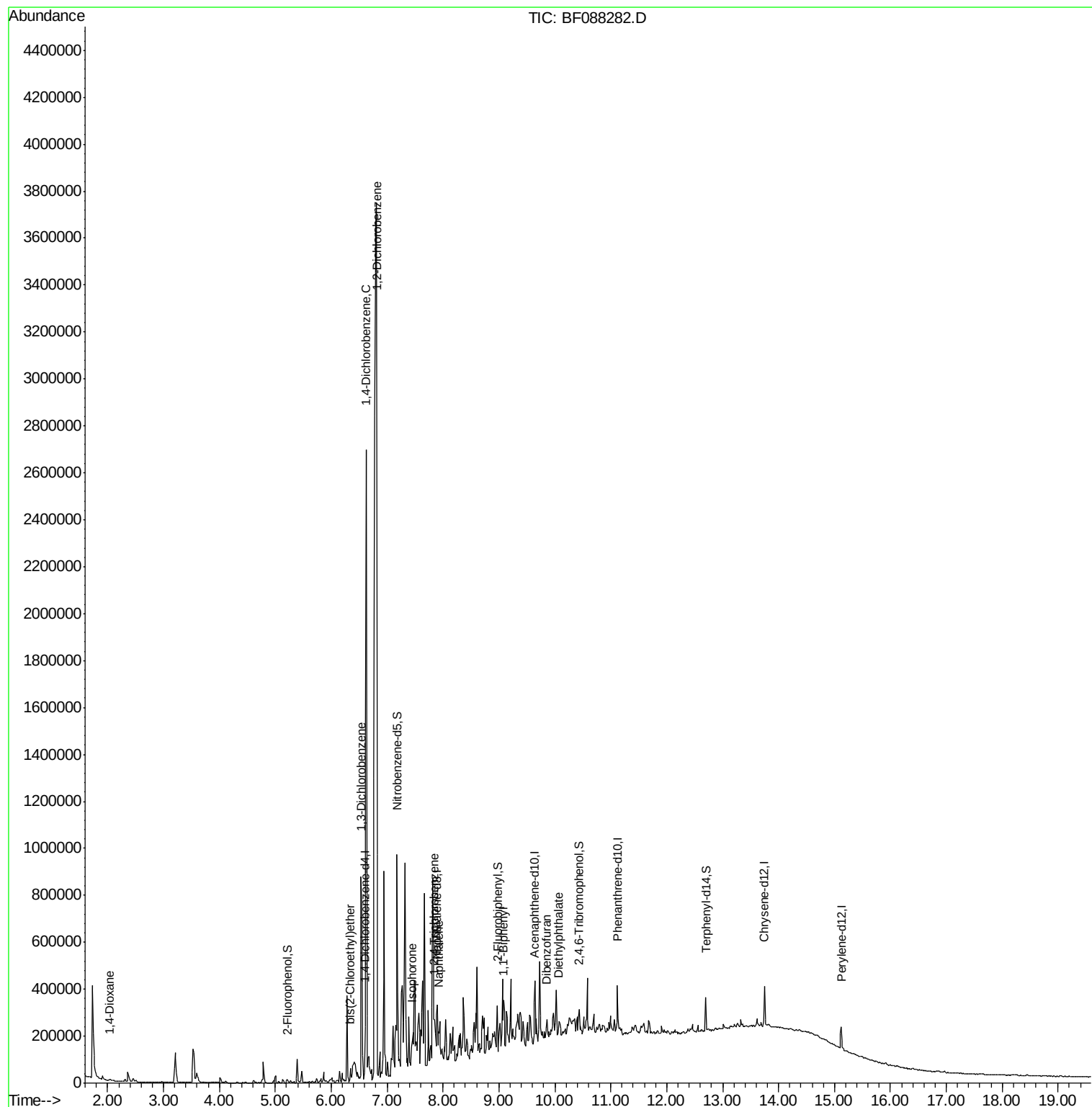
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	24787	5.00	ng	0.00
21) Naphthalene-d8	7.90	136	100699	5.00	ng	0.00
38) Acenaphthene-d10	9.63	164	40977	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	64484	5.00	ng	0.00
75) Chrysene-d12	13.75	240	57533	5.00	ng	0.00
86) Perylene-d12	15.12	264	43864	5.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	10934	1.89	ng	0.03
7) Phenol-d6	6.31	99	3107	0.44	ng	0.05
23) Nitrobenzene-d5	7.18	82	27875	4.04	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	10692	6.18	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	55185	4.18	ng	0.00
78) Terphenyl-d14	12.70	244	40212	3.98	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	6.54	146	279851	38.00	ng	99
13) 1,4-Dichlorobenzene	6.63	146	782460	105.46	ng	98
14) 1,2-Dichlorobenzene	6.81	146	2732401	404.95	ng	# 92

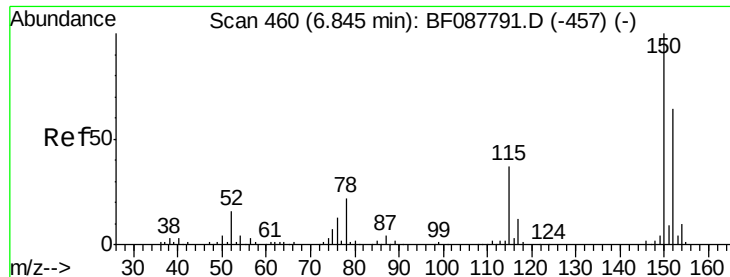
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511

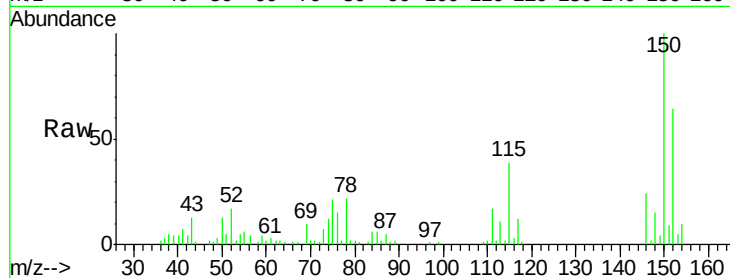
Tot Ion:152 Resp: 24787

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

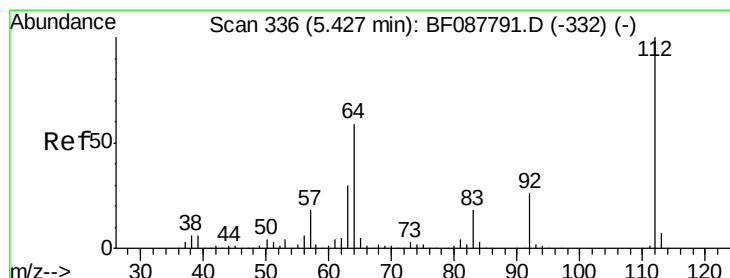
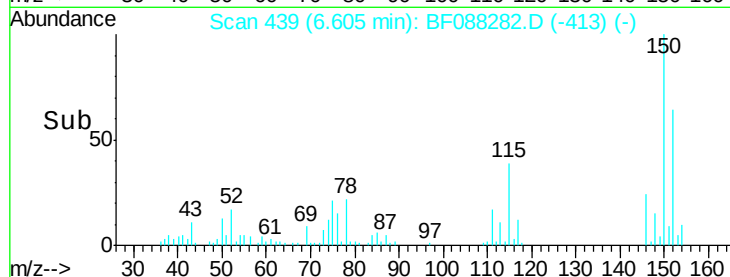
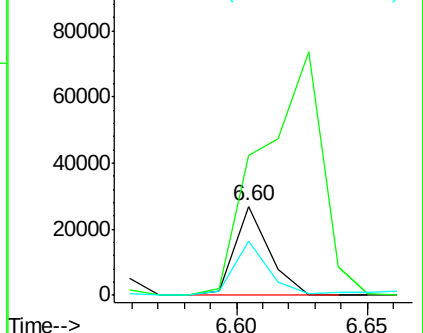
115 60.8 39.6 59.4#



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: 1.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

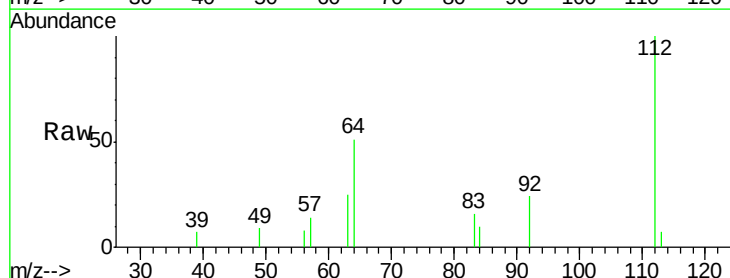
Tgt Ion:112 Resp: 10934

Ion Ratio Lower Upper

112 100

64 51.3 42.2 63.2

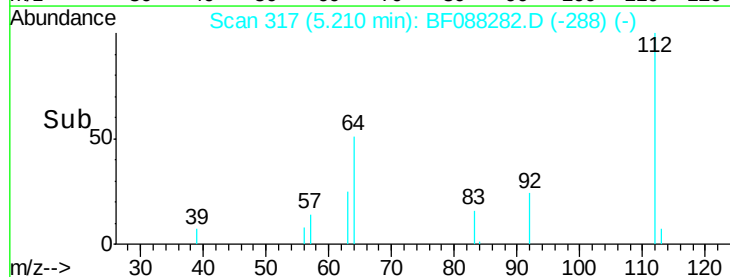
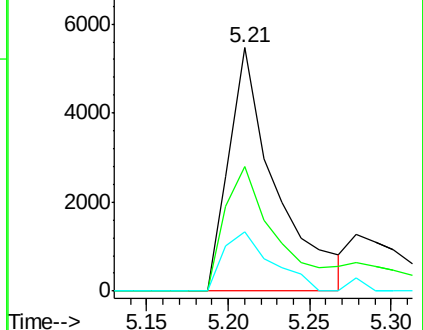
63 24.5 21.8 32.8

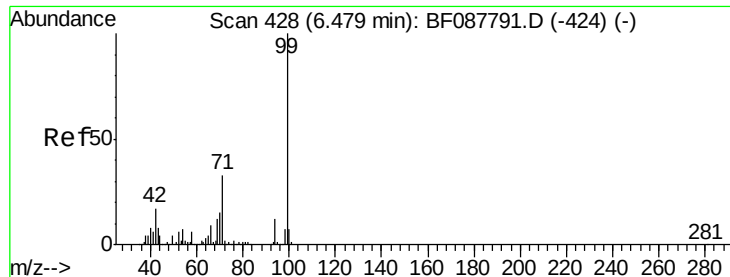


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.44 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.05 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511

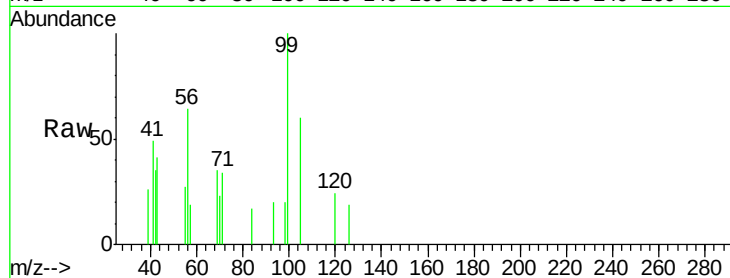
Tot Ion: 99 Resp: 3107

Ion Ratio Lower Upper

99 100

42 35.3 12.2 18.2#

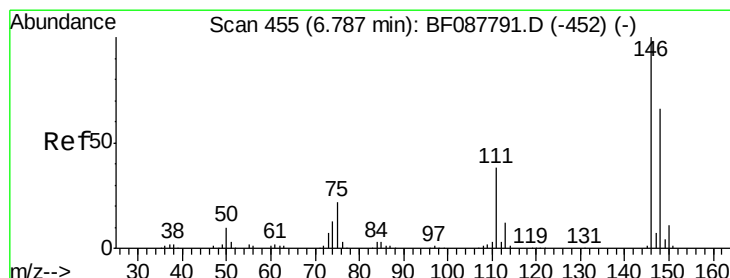
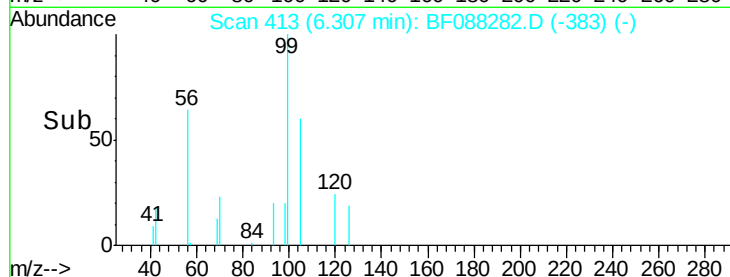
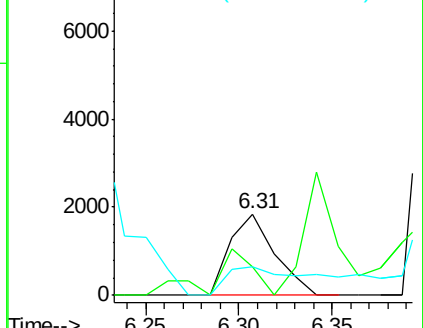
71 34.4 23.4 35.0



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



#12

1,3-Dichlorobenzene

Concen: 38.00 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

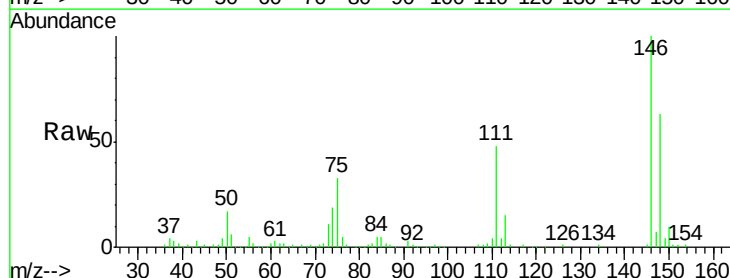
Tgt Ion: 146 Resp: 279851

Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

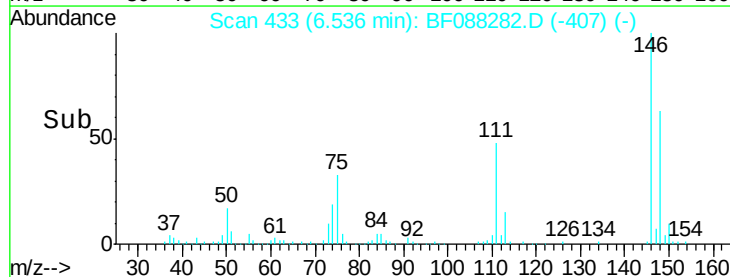
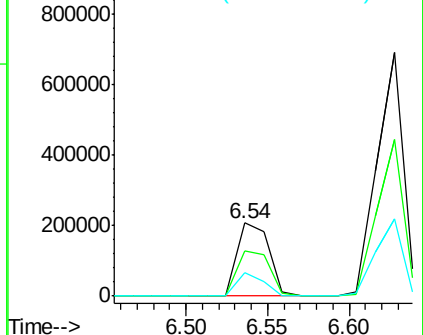
75 33.1 25.6 38.4

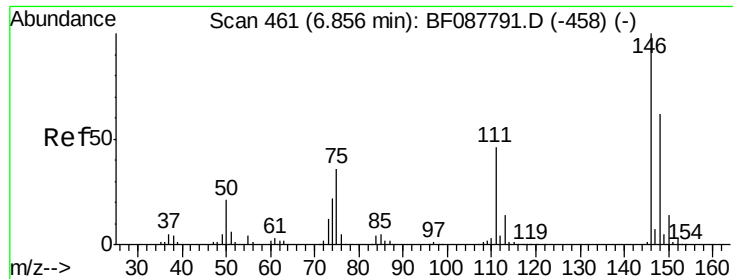


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

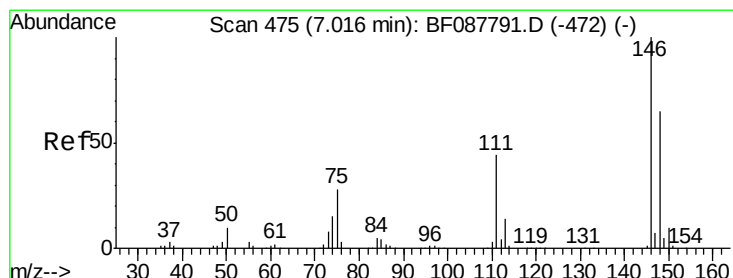
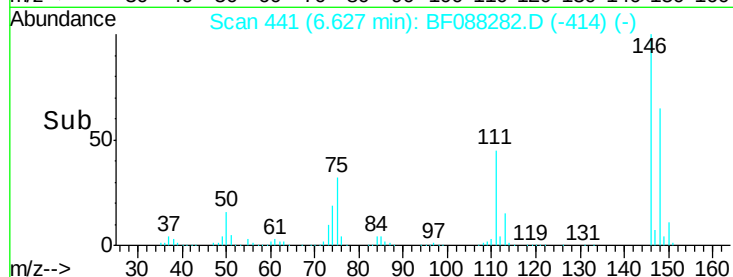
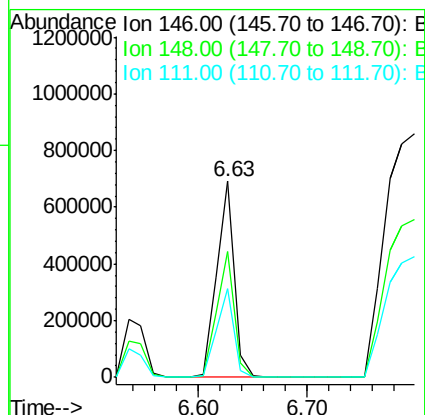
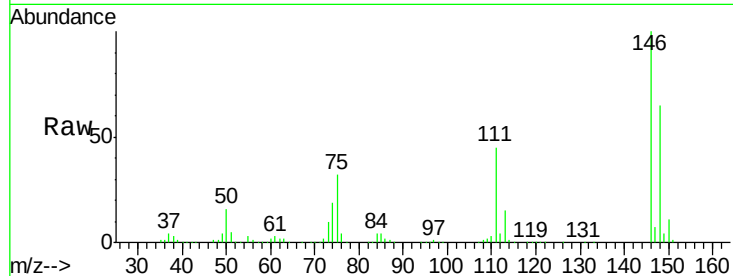




#13
 1,4-Dichlorobenzene
 Concen: 105.46 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

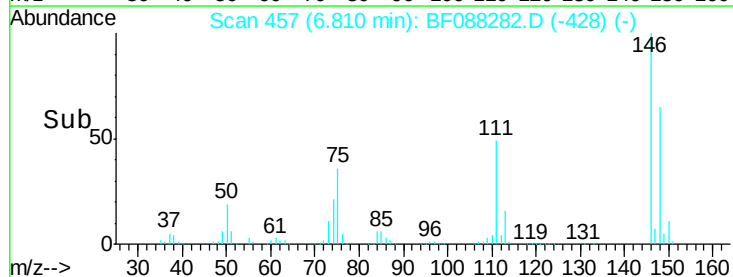
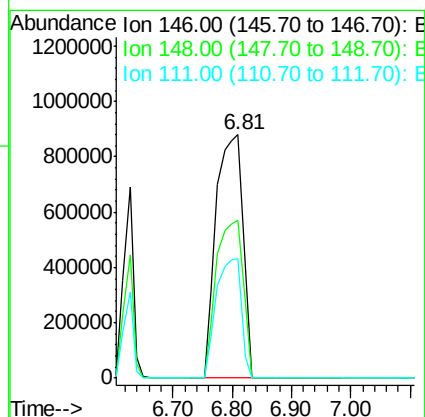
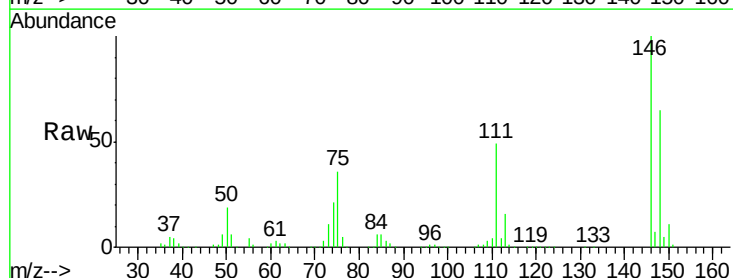
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511

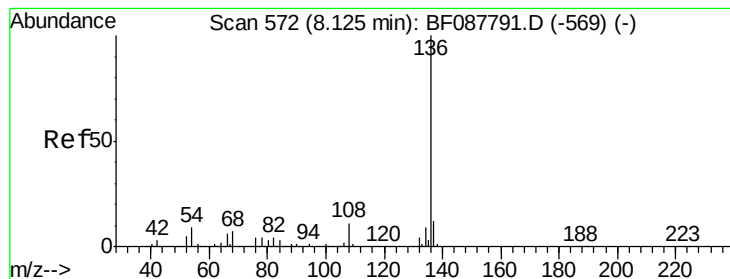
Tot Ion:146 Resp: 782460
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 45.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 404.95 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.03 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

Tgt Ion:146 Resp: 2732401
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 49.2 28.7 43.1#





#21

Naphthalene-d8

Concen: 5.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511

Tot Ion:136 Resp: 100699

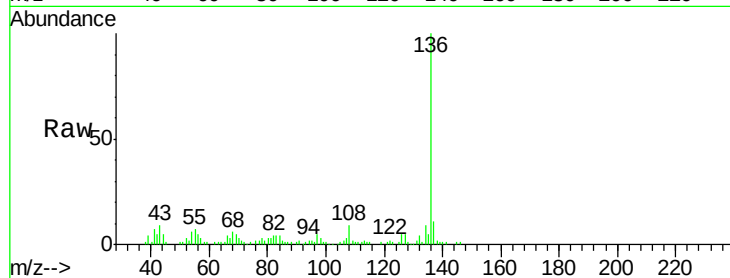
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 6.6 10.0#

68 5.9 5.1 7.7

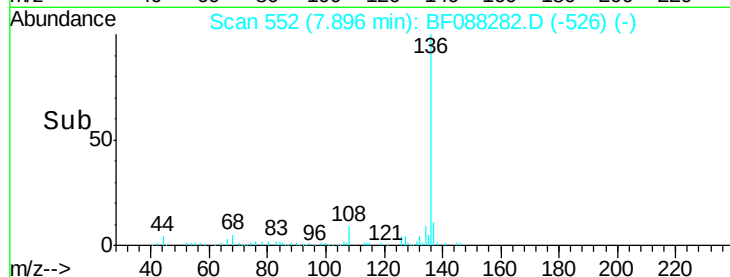


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

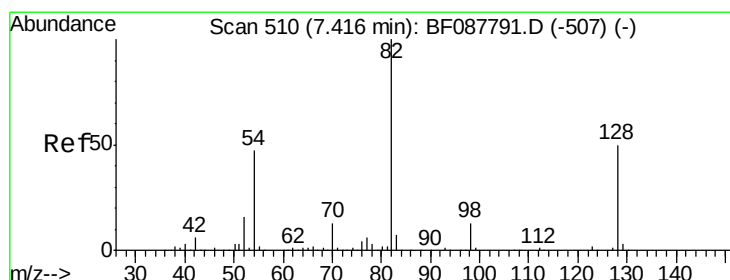
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.90



#23

Nitrobenzene-d5

Concen: 4.04 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

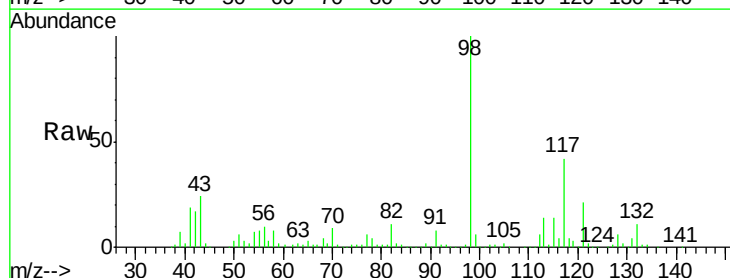
Tgt Ion: 82 Resp: 27875

Ion Ratio Lower Upper

82 100

128 52.0 35.9 53.9

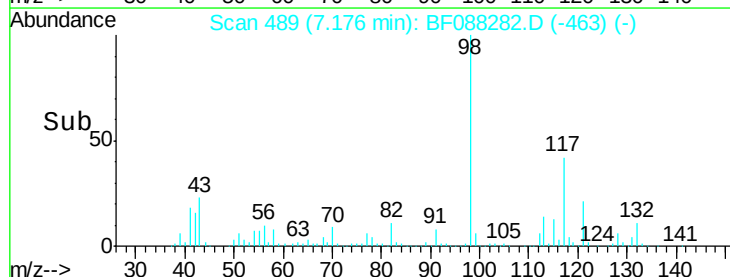
54 63.6 40.9 61.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

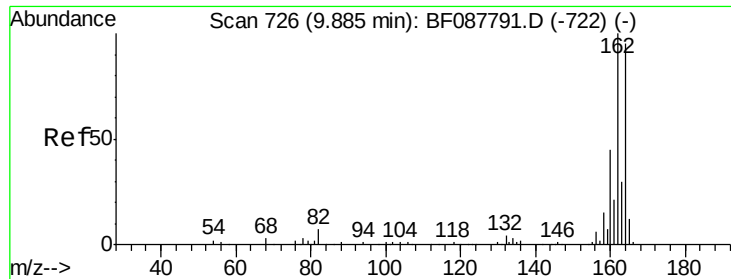
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.18



#38

Acenaphthene-d10

Concen: 5.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511

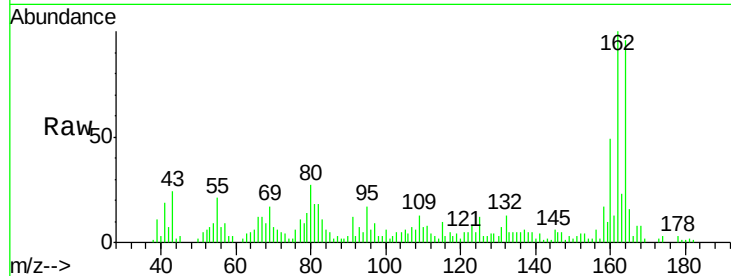
Tot Ion:164 Resp: 40977

Ion Ratio Lower Upper

164 100

162 103.7 85.4 128.2

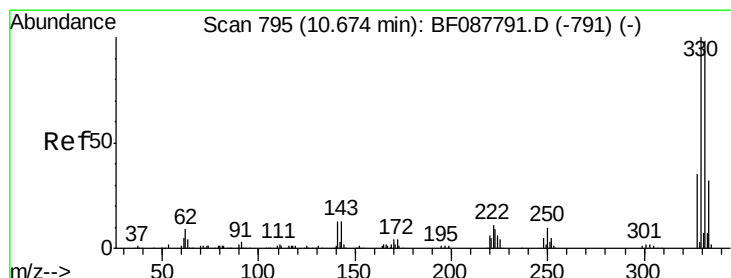
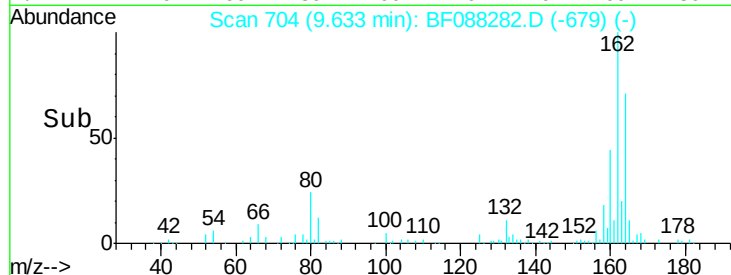
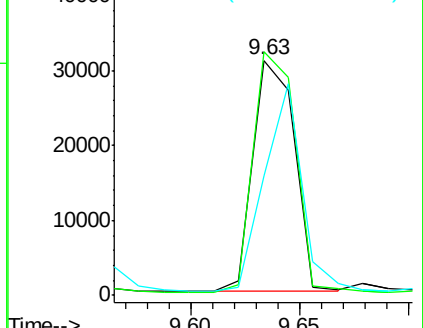
160 51.0 39.5 59.3



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: 6.18 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

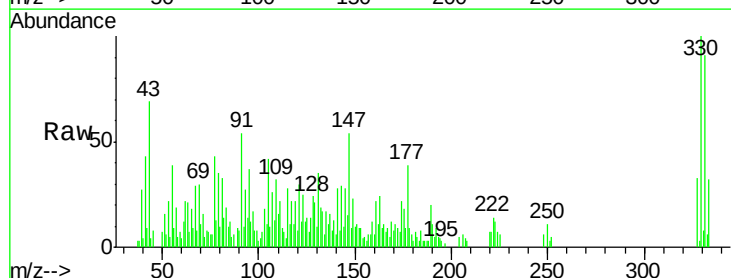
Tgt Ion:330 Resp: 10692

Ion Ratio Lower Upper

330 100

332 93.4 0.0 0.0#

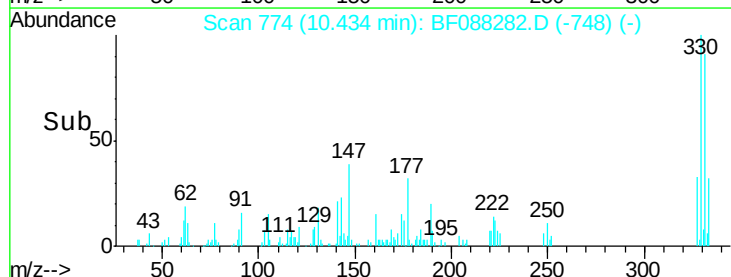
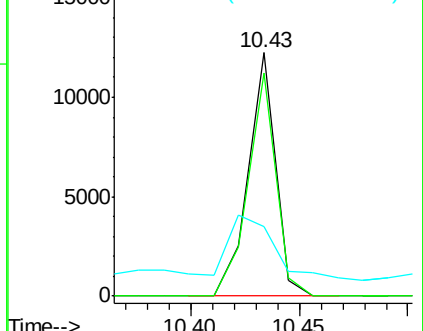
141 45.6 0.0 0.0#

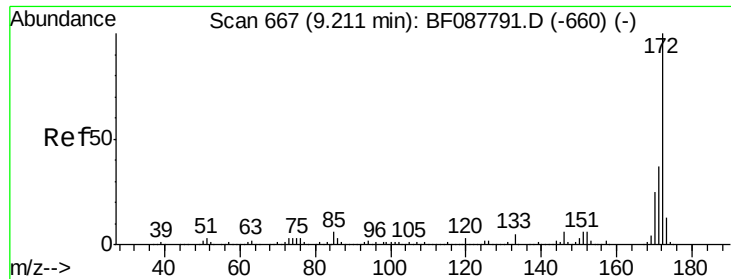


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

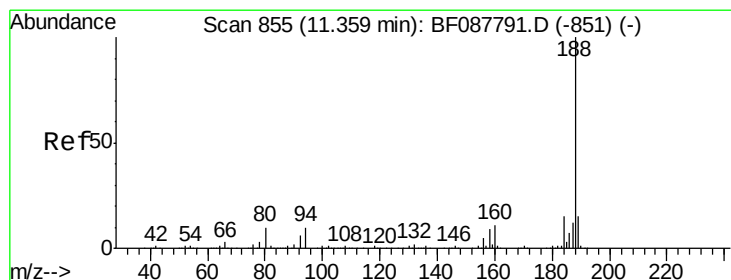
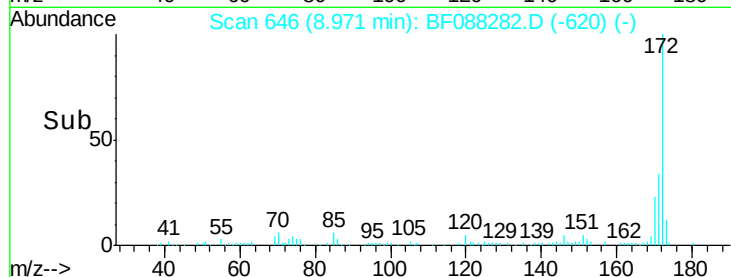
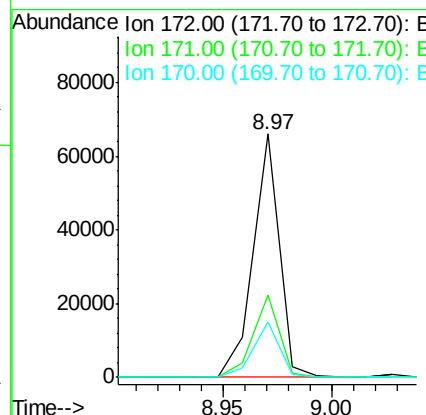
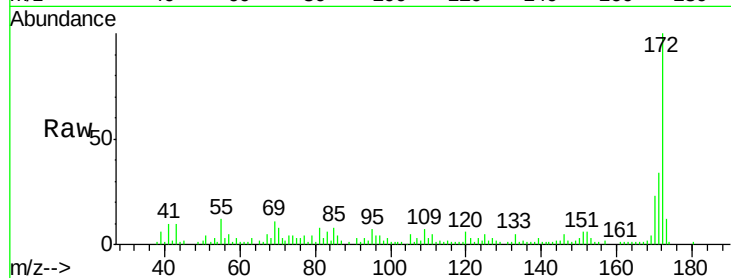




#44
 2-Fluorobiphenyl
 Concen: 4.18 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

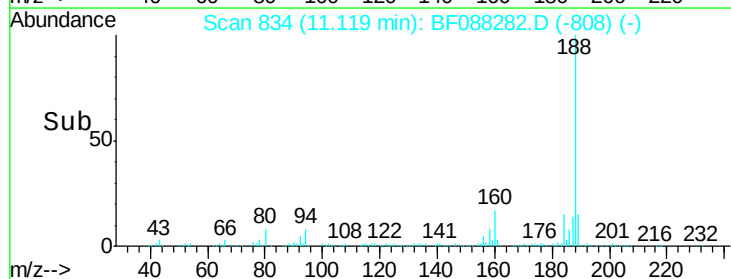
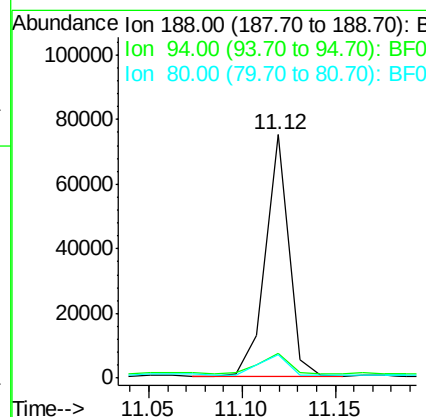
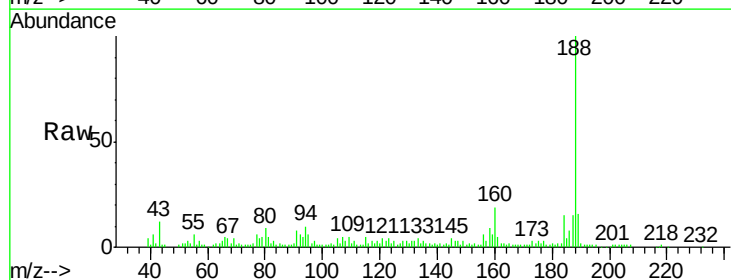
Instrument :
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 SS043MW009-160511

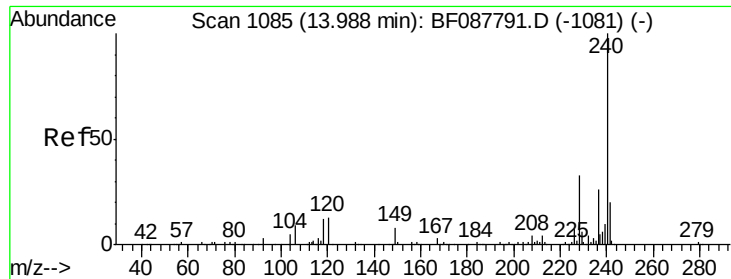
Tot Ion:172 Resp: 55185
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 43.0
 170 22.5 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

Tgt Ion:188 Resp: 64484
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.0 13.6
 80 9.4 10.0 15.0#





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511

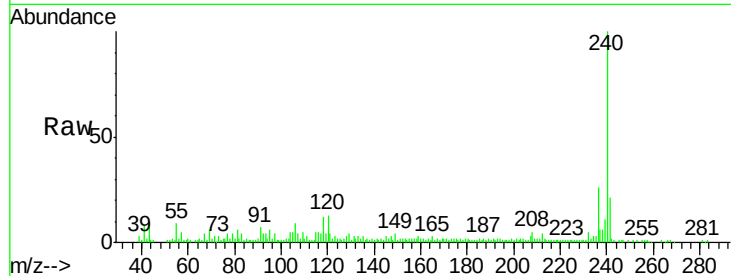
Tot Ion:240 Resp: 57533

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

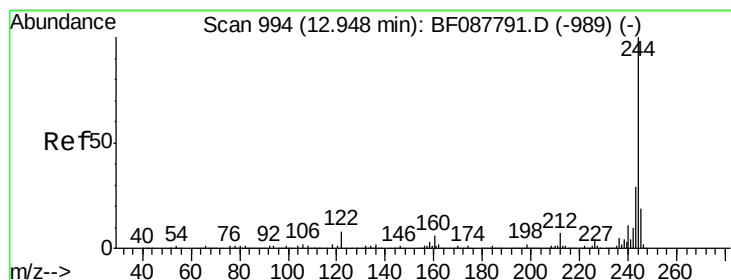
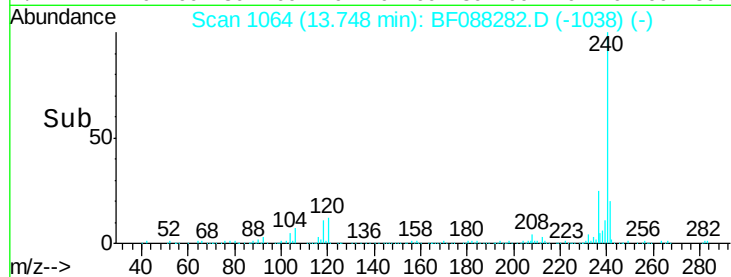
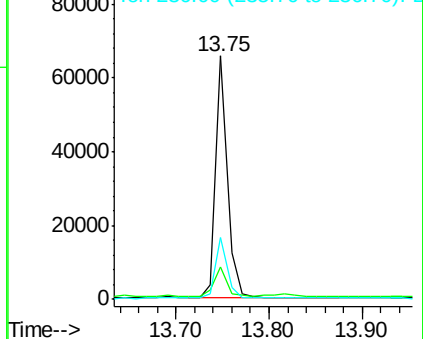
236 25.7 20.2 30.2



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



#78

Terphenyl-d14

Concen: 3.98 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

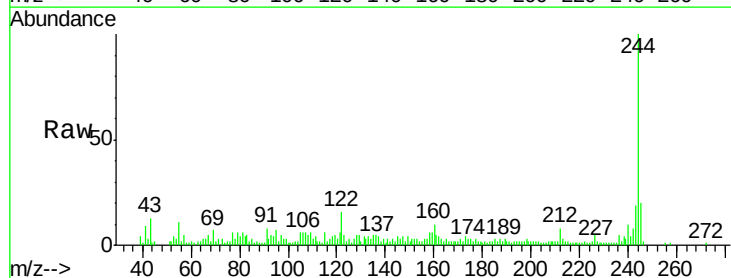
Tgt Ion:244 Resp: 40212

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

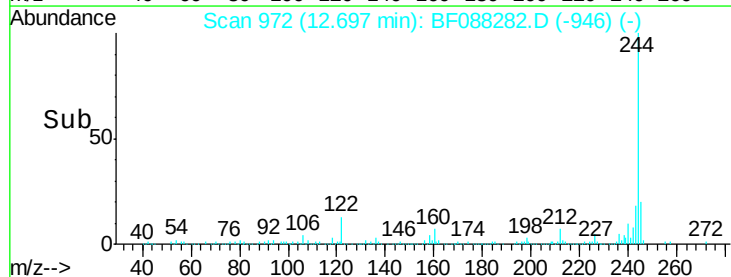
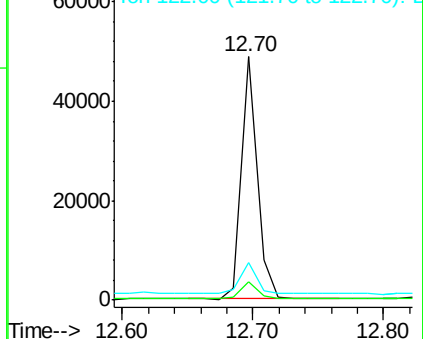
122 15.6 11.2 16.8

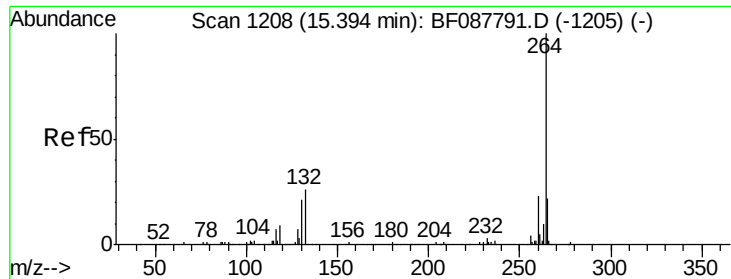


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

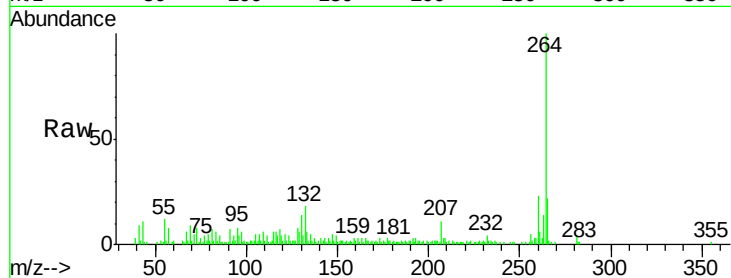




#86
Pervlene-d12
Concen: 5.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Instrument :
BNA_F
ClientSampleId :
SS043MW009-160511

Tot Ion: 264 Resp: 43864
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.8 16.9 25.3



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

