

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088817.D
 Acq On : 8 Jul 2016 10:17
 Operator : UM/SJ
 Sample : H3879-14RE
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-03RE

Quant Time: Jul 08 12:05:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

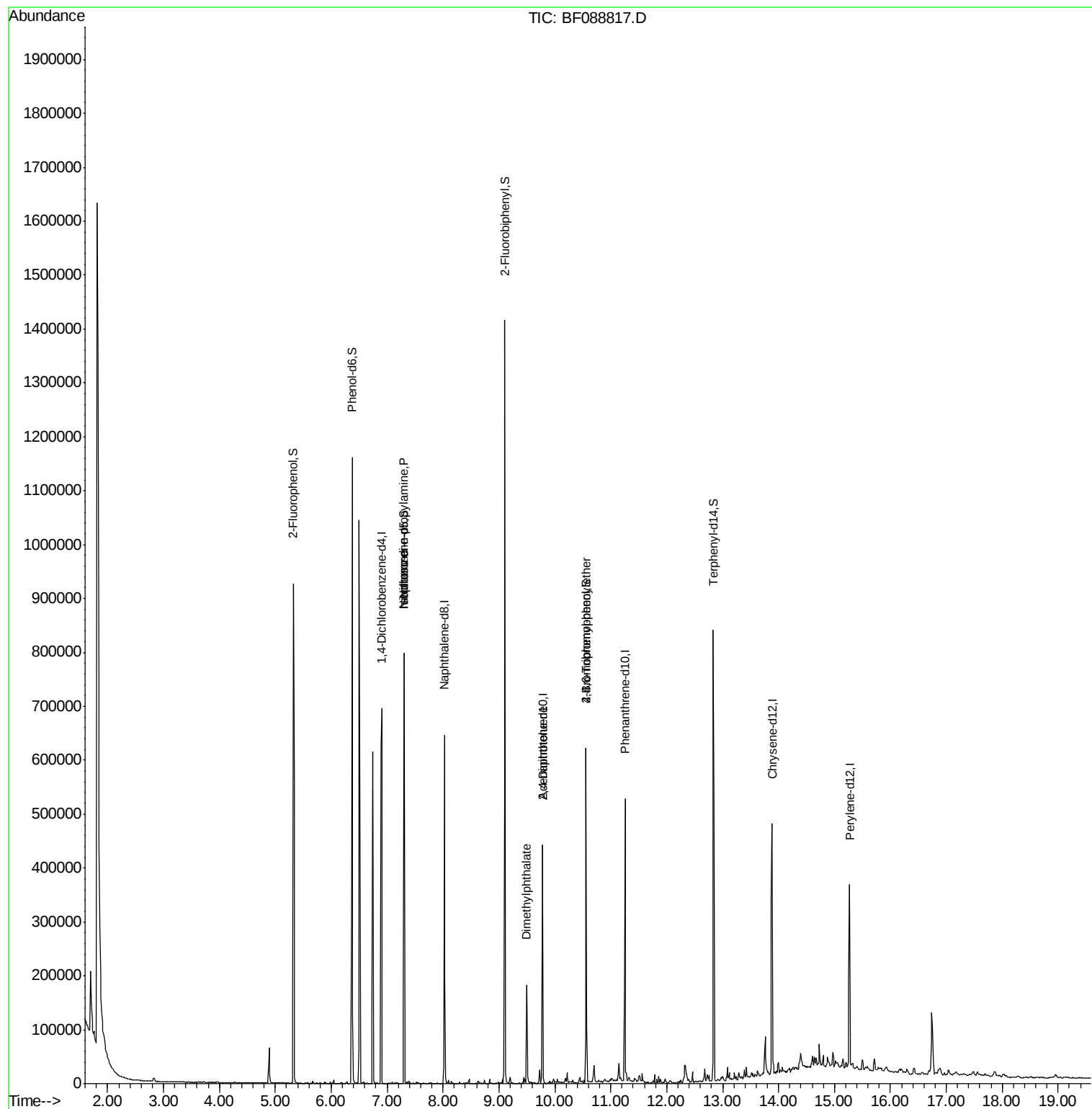
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	155500	20.00	ng	0.13
21) Naphthalene-d8	8.02	136	295868	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	115979	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	194067	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	184336	20.00	ng	-0.03
86) Perylene-d12	15.27	264	138041	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	321351	30.97	ng	-0.05
7) Phenol-d6	6.38	99	394478	29.42	ng	-0.03
23) Nitrobenzene-d5	7.30	82	248359	43.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	62750	58.26	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	468739	63.84	ng	-0.03
78) Terphenyl-d14	12.83	244	315140	38.08	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	33571	3.73	ng	# 72
25) Isophorone	7.30	82	216083	20.66	ng	# 65
49) Dimethylphthalate	9.50	163	68578	8.30	ng	99
56) 2,4-Dinitrotoluene	9.78	165	14956	6.25	ng	# 36
66) 4-Bromophenyl-phenylether	10.56	248	4306	2.20	ng	# 1

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

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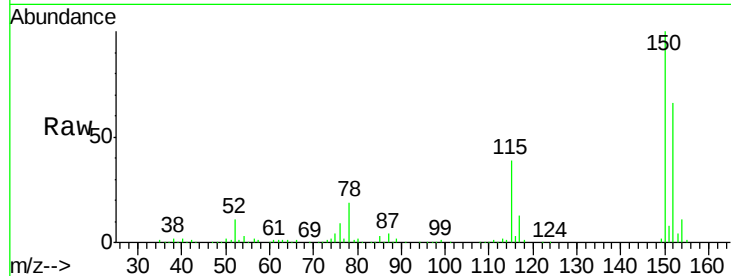


#1

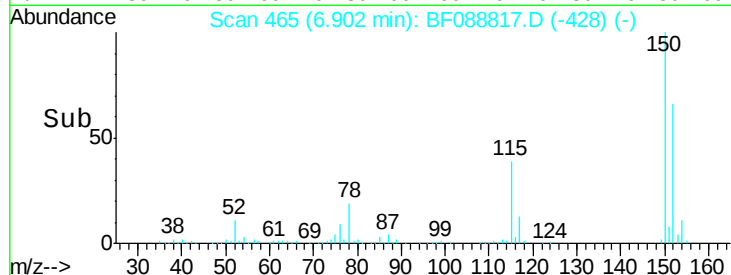
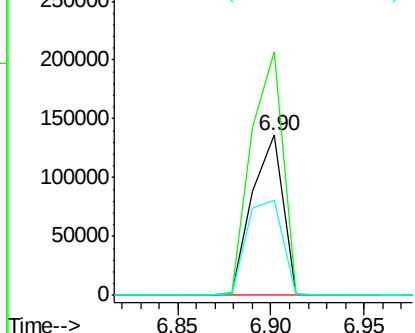
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF088817.D
Acq: 8 Jul 2016 10:17

Instrument :
BNA_F
ClientSampleId :
C2.1-03RE

Tot Ion:152 Resp: 155500
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 59.1 39.6 59.4



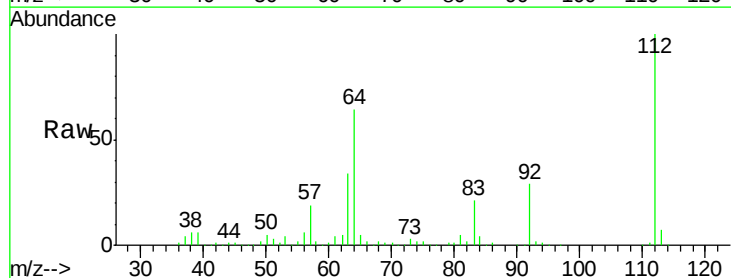
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



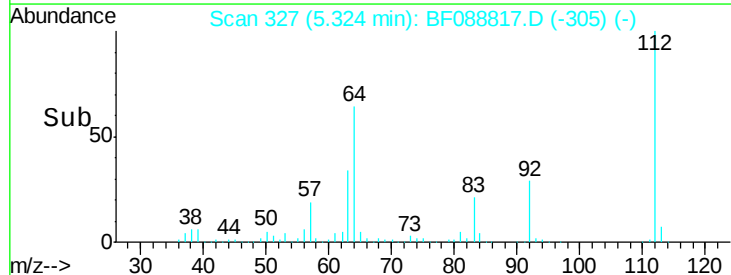
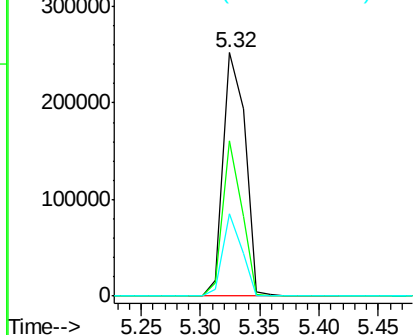
#5

2-Fluorophenol
Concen: 30.97 ng
RT: 5.32 min Scan# 327
Delta R.T. -0.05 min
Lab File: BF088817.D
Acq: 8 Jul 2016 10:17

Tgt Ion:112 Resp: 321351
Ion Ratio Lower Upper
112 100
64 63.6 42.2 63.2#
63 33.6 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: 29.42 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Instrument :

BNA_F

ClientSampled :

C2.1-03RE

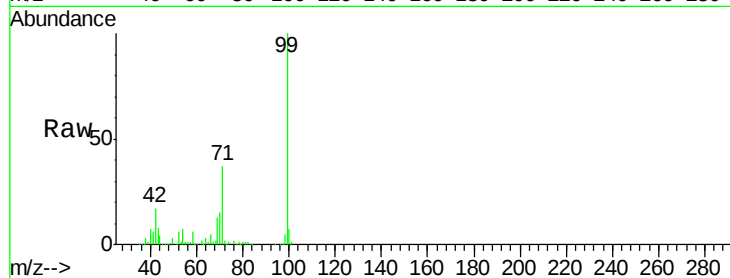
Tot Ion: 99 Resp: 394478

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

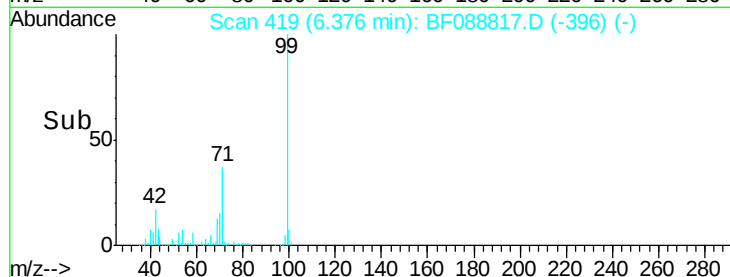
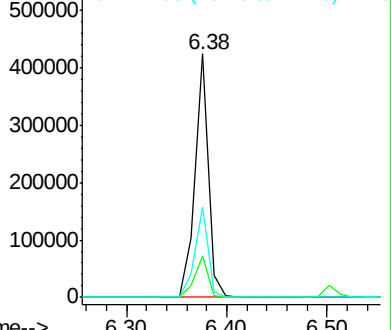
71 36.9 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.73 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.10 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Tgt Ion: 70 Resp: 33571

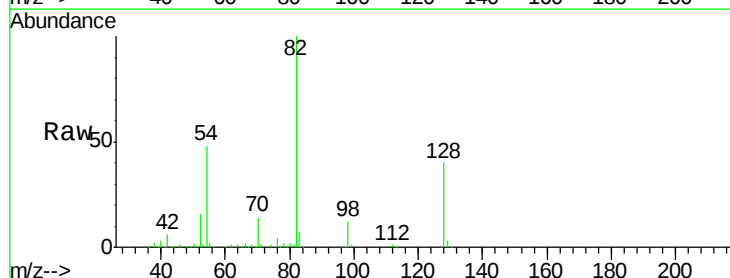
Ion Ratio Lower Upper

70 100

42 42.3 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

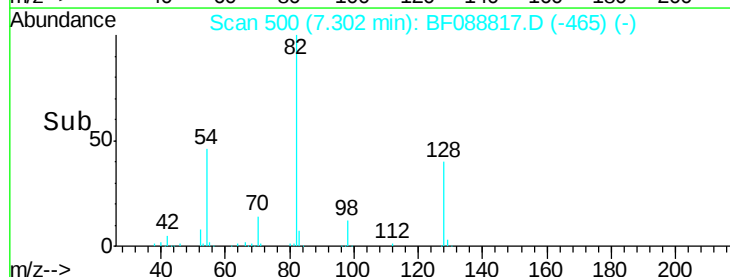
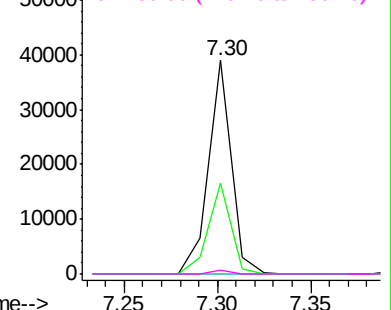


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Instrument :

BNA_F

ClientSampleId :

C2.1-03RE

Tot Ion:136 Resp: 295868

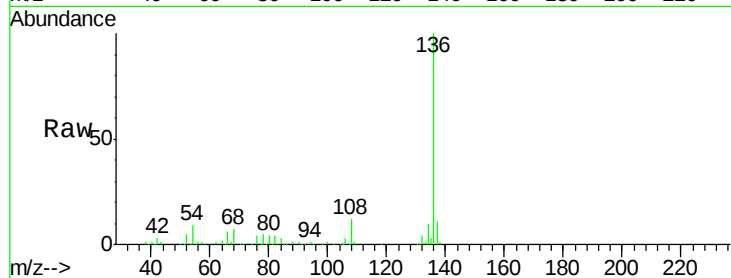
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.9 6.6 10.0

68 7.2 5.1 7.7

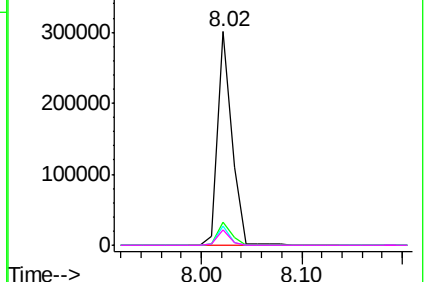
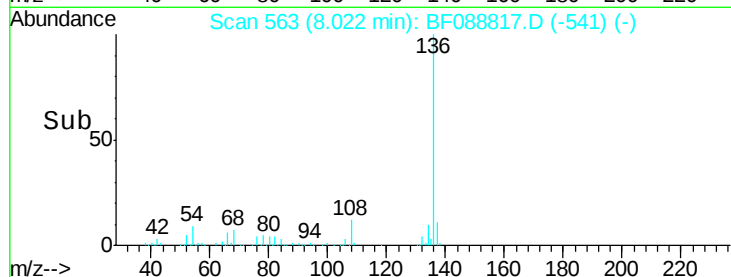


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 43.99 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

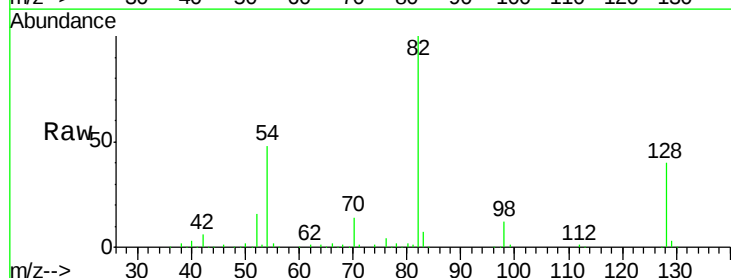
Tgt Ion: 82 Resp: 248359

Ion Ratio Lower Upper

82 100

128 39.8 35.9 53.9

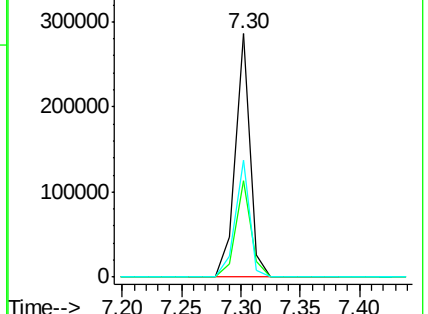
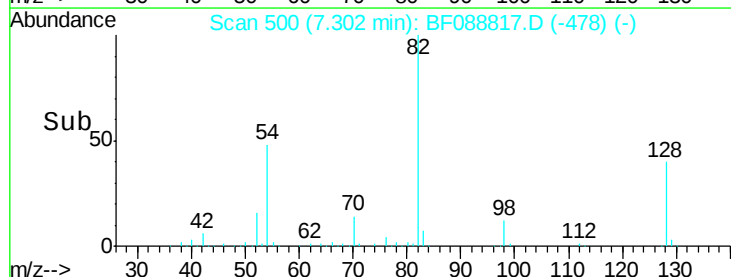
54 47.8 40.9 61.3

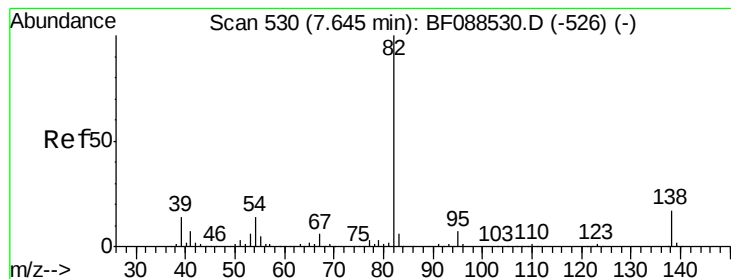


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 20.66 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.31 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Instrument :

BNA_F

ClientSampleId :

C2.1-03RE

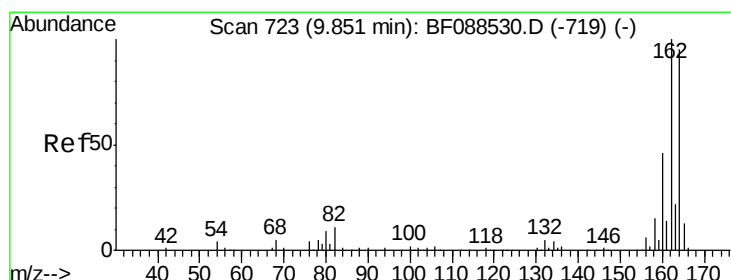
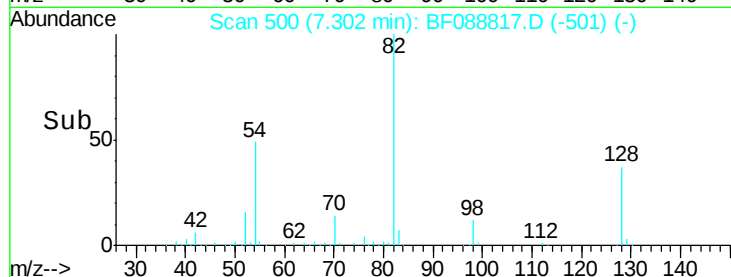
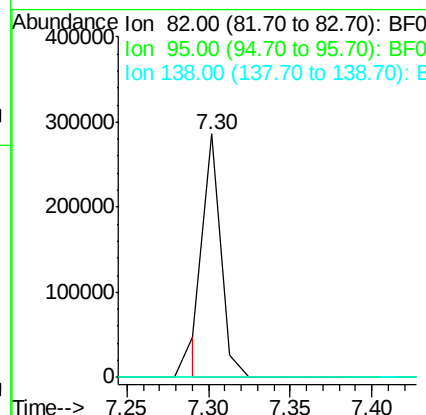
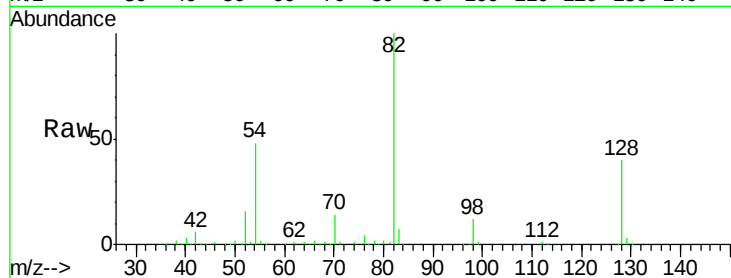
Tot Ion: 82 Resp: 216083

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

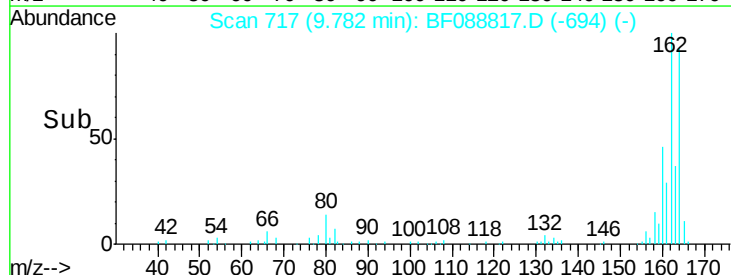
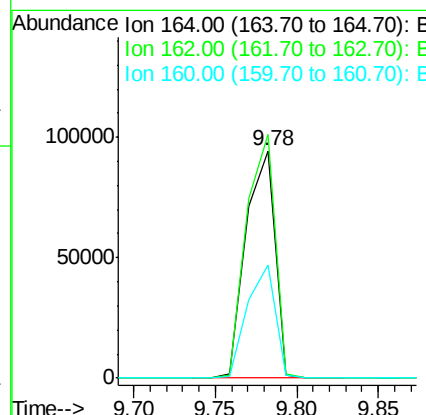
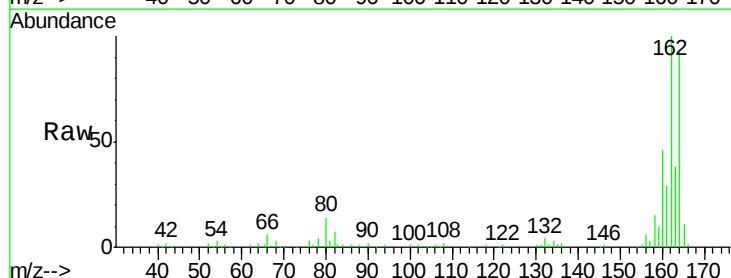
Tgt Ion: 164 Resp: 115979

Ion Ratio Lower Upper

164 100

162 107.2 85.4 128.2

160 49.6 39.5 59.3

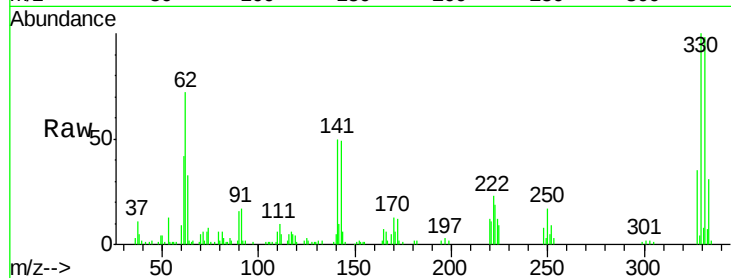




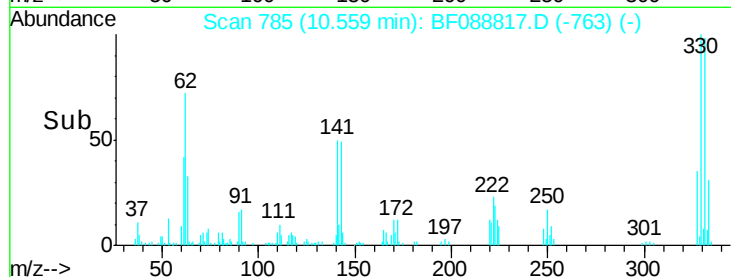
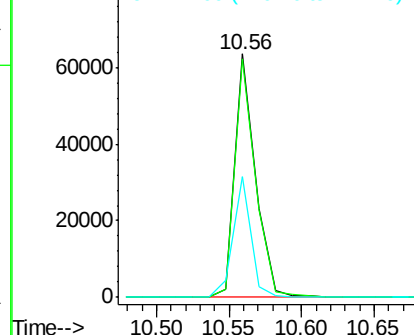
#41
 2,4,6-Tribromophenol
 Concen: 58.26 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088817.D
 Acq: 8 Jul 2016 10:17

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-03RE

Tot Ion:330 Resp: 62750
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 42.8 0.0 0.0#

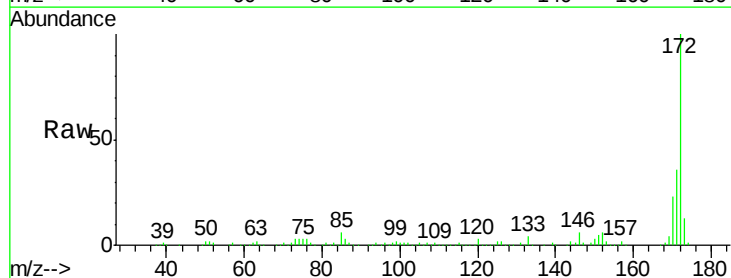


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

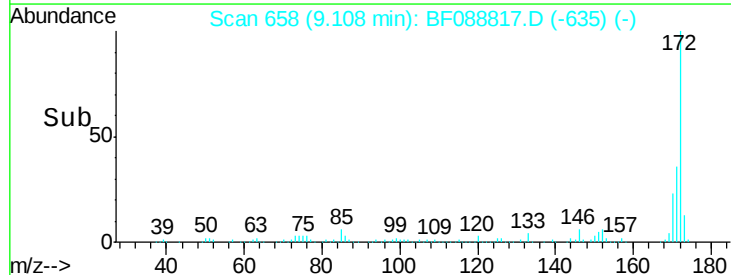
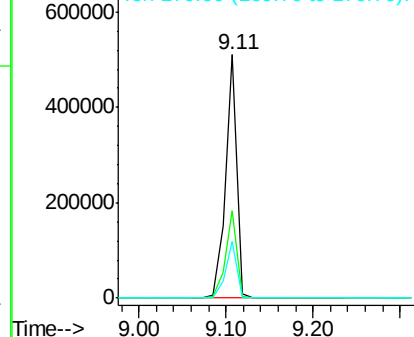


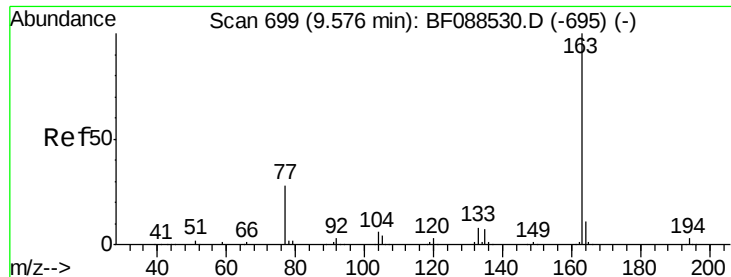
#44
 2-Fluorobiphenyl
 Concen: 63.84 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088817.D
 Acq: 8 Jul 2016 10:17

Tgt Ion:172 Resp: 468739
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.3 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: 8.30 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Instrument :

BNA_F

ClientSampleId :

C2.1-03RE

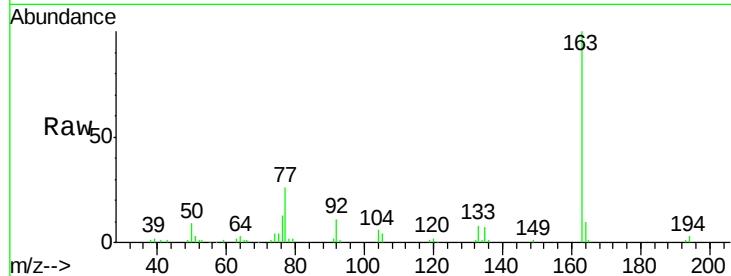
Tot Ion:163 Resp: 68578

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

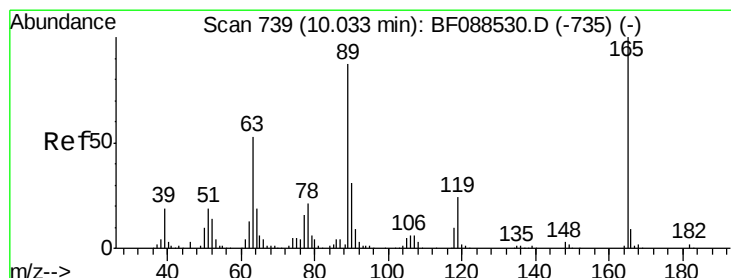
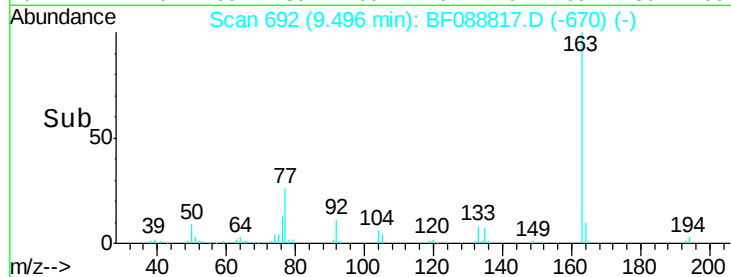
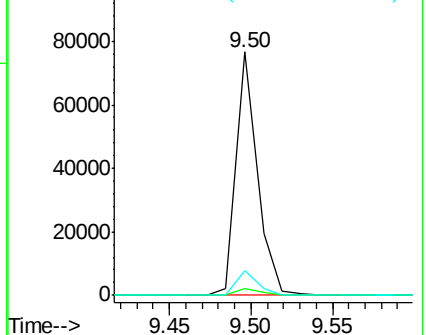
164 10.2 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Tgt Ion:165 Resp: 14956

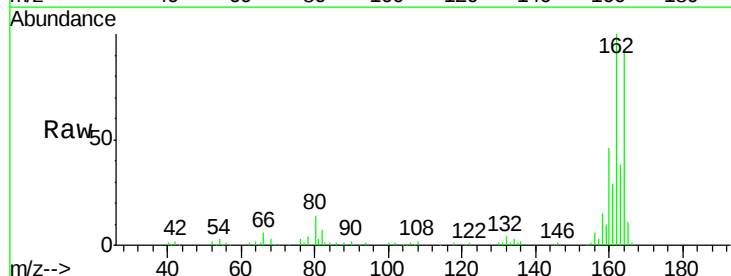
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

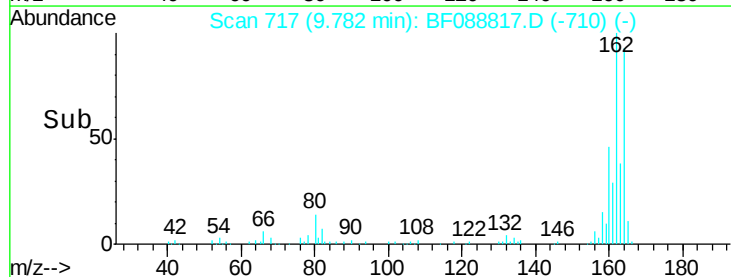
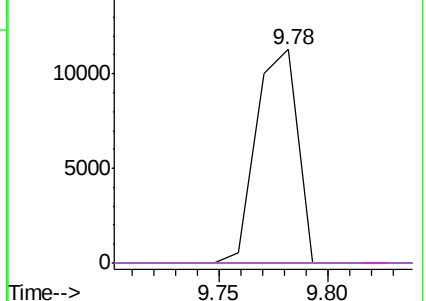


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

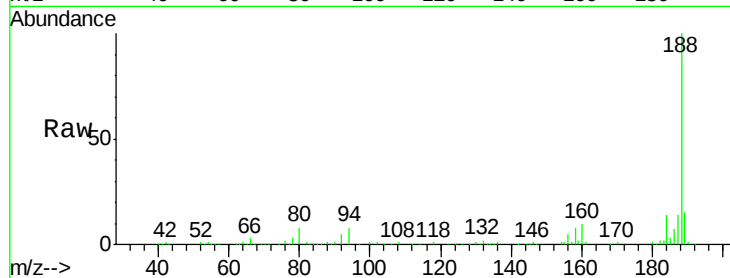




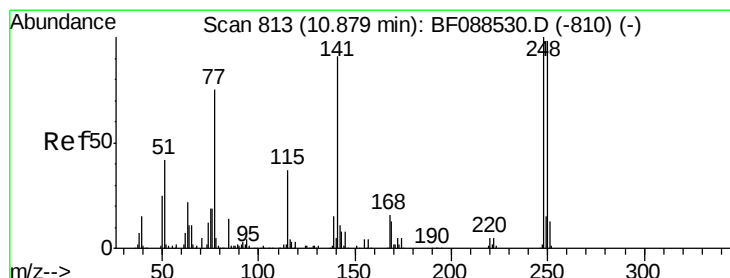
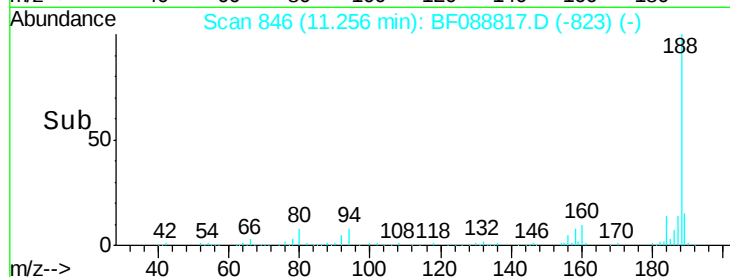
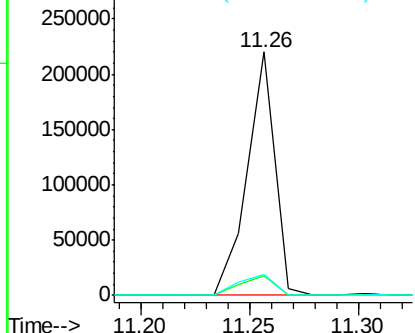
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088817.D
Acq: 8 Jul 2016 10:17

Instrument :
BNA_F
ClientSampleId :
C2.1-03RE

Tot Ion:188 Resp: 194067
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 8.3 10.0 15.0#

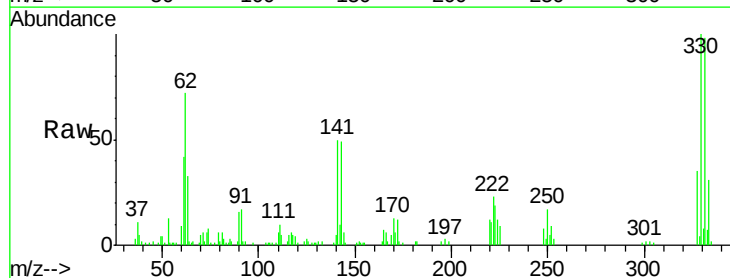


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

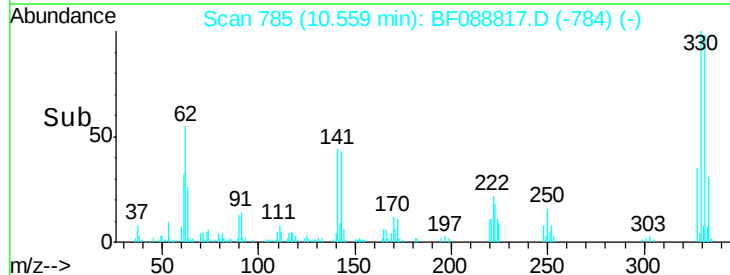
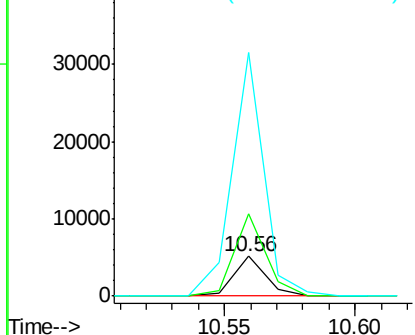


#66
4-Bromophenyl-phenylether
Concen: 2.20 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088817.D
Acq: 8 Jul 2016 10:17

Tgt Ion:248 Resp: 4306
Ion Ratio Lower Upper
248 100
250 209.8 77.1 115.7#
141 615.7 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

Instrument :

BNA_F

ClientSampleId :

C2.1-03RE

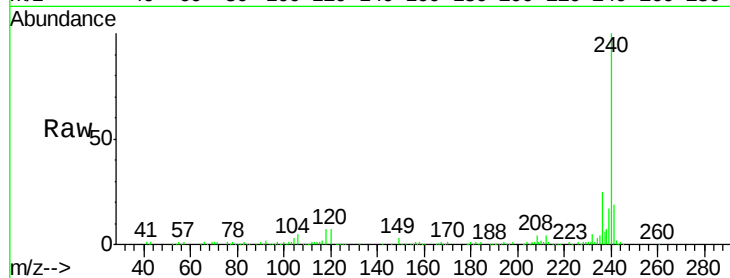
Tot Ion:240 Resp: 184336

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

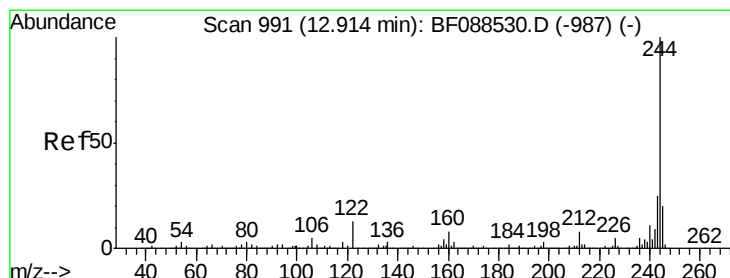
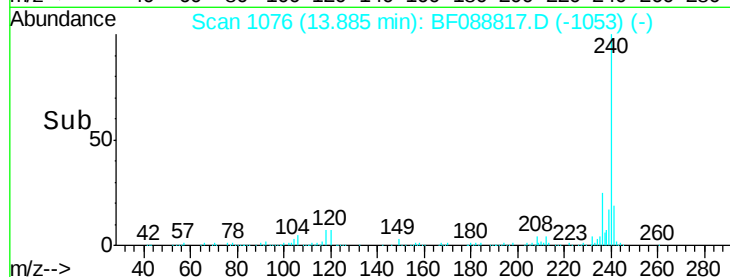
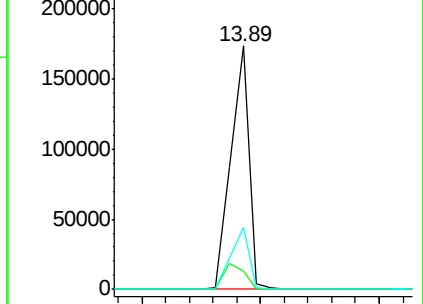
236 25.5 20.2 30.2



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: 38.08 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF088817.D

Acq: 8 Jul 2016 10:17

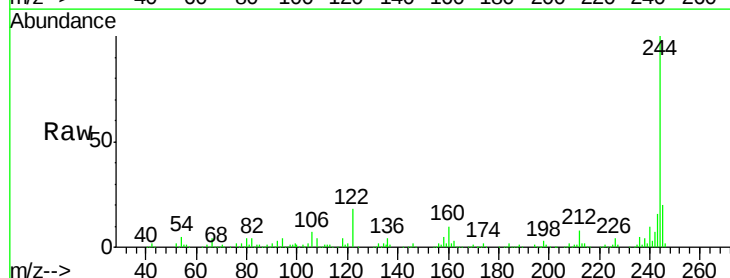
Tgt Ion:244 Resp: 315140

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

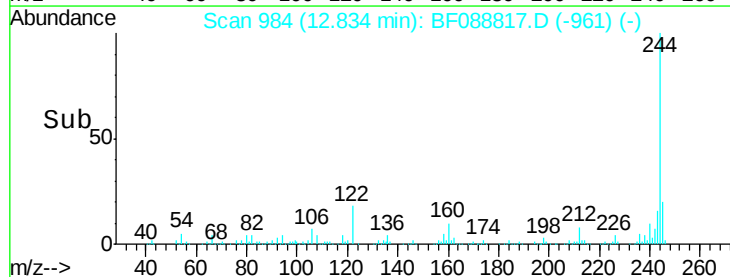
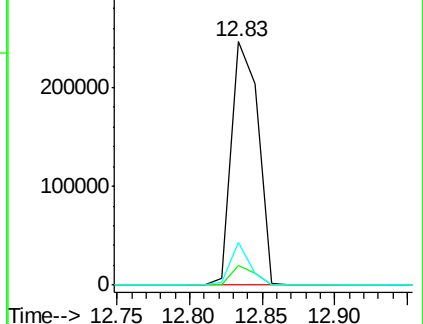
122 17.7 11.2 16.8#

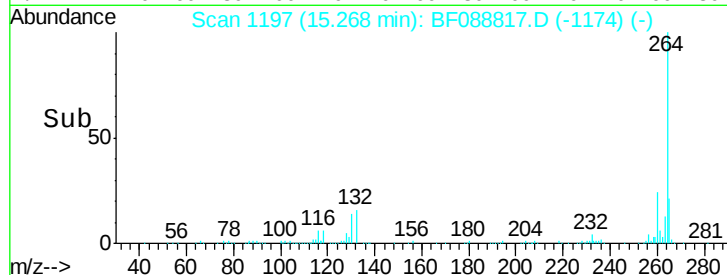
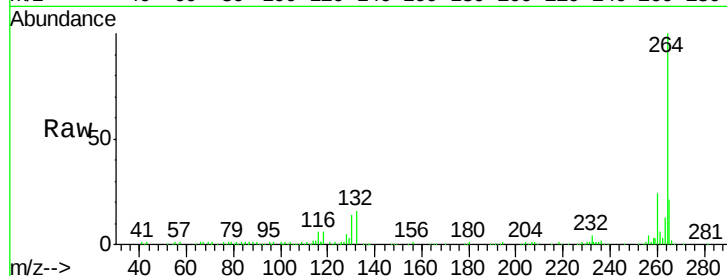
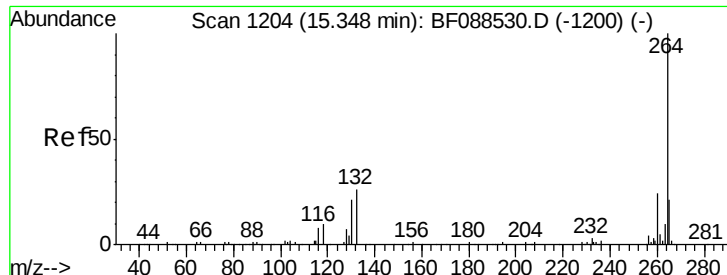


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088817.D
Acq: 8 Jul 2016 10:17

Instrument :
BNA_F
ClientSampleId :
C2.1-03RE

Tot Ion:	264	Resp:	138041
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.4	16.9	25.3

