

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088554.D
 Acq On : 1 Jul 2016 3:15
 Operator : UM/SJ
 Sample : H3630-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224

Quant Time: Jul 01 05:59:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

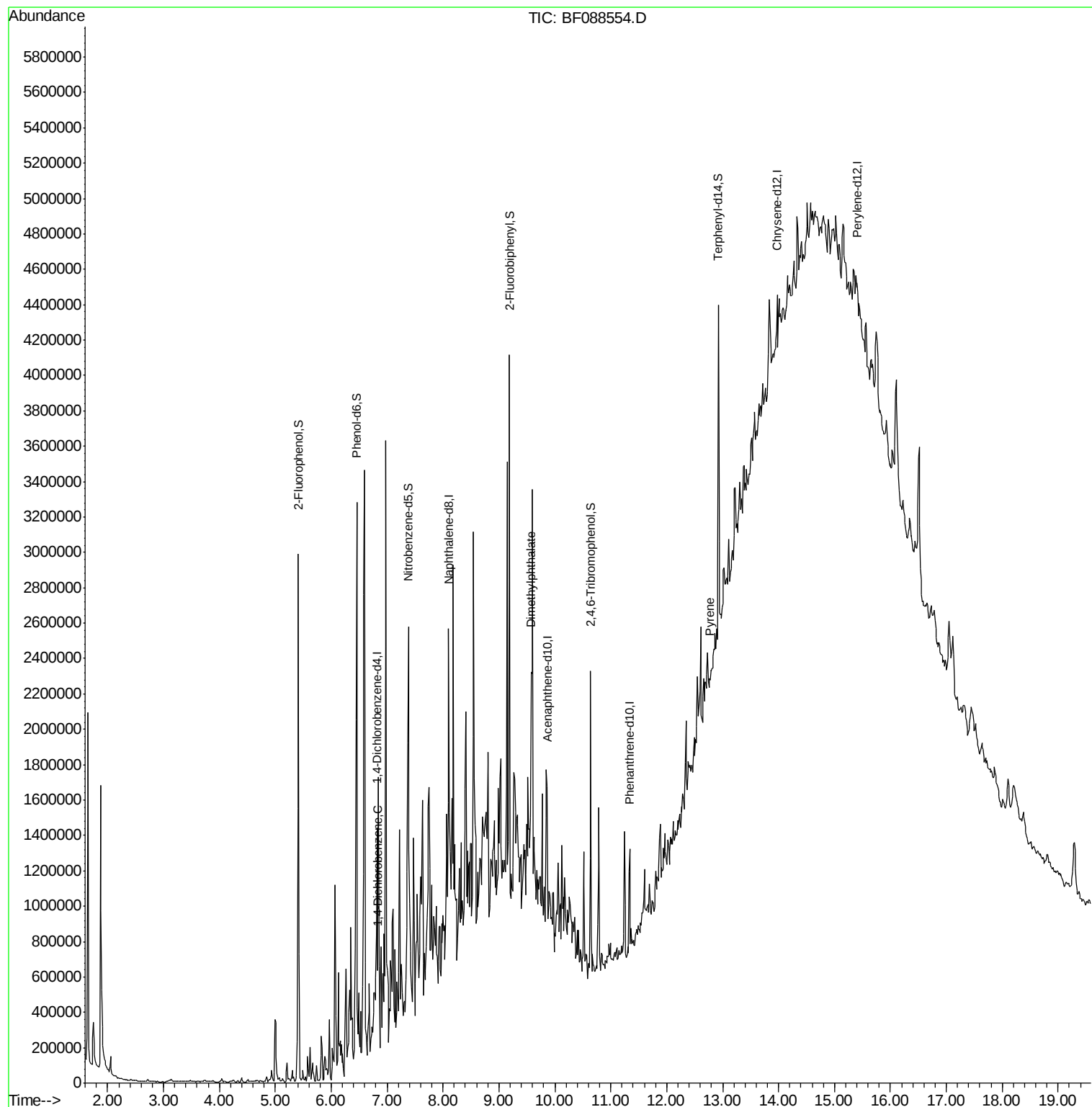
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	135650	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	427289	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	174983	20.00	ng	0.01
63) Phenanthrene-d10	11.34	188	303113	20.00	ng	0.01
75) Chrysene-d12	13.98	240	195015	20.00	ng	0.02
86) Perylene-d12	15.41	264	174943	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1049525	115.95	ng	0.01
7) Phenol-d6	6.46	99	1382970	118.25	ng	0.01
23) Nitrobenzene-d5	7.38	82	808486	99.16	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	197055	121.27	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1186982	107.15	ng	0.01
78) Terphenyl-d14	12.93	244	687905	78.57	ng	0.01
Target Compounds						
13) 1,4-Dichlorobenzene	6.83	146	26569	2.50	ng	# 90
49) Dimethylphthalate	9.58	163	218293	17.51	ng	# 94
77) Pyrene	12.78	202	47905	2.90	ng	# 91

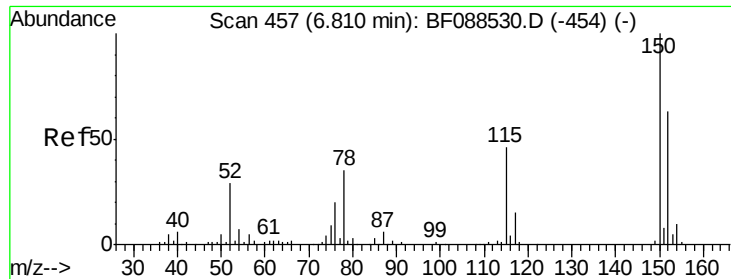
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

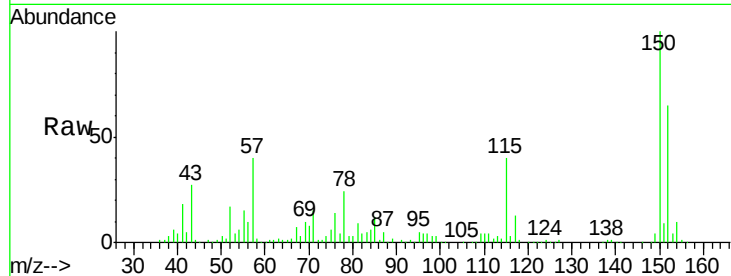
Tot Ion:152 Resp: 135650

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

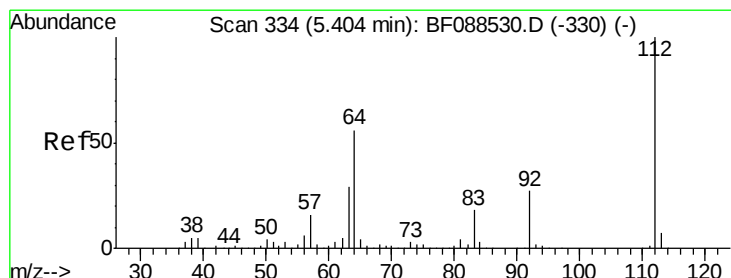
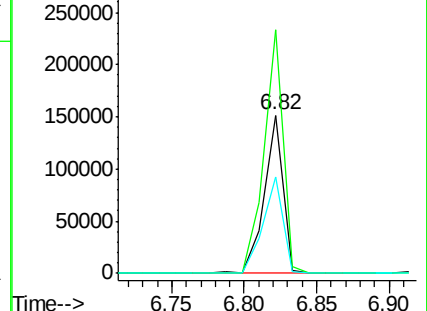
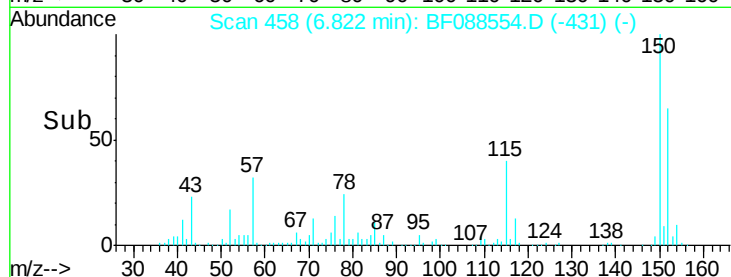
115 61.0 39.6 59.4#



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: 115.95 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

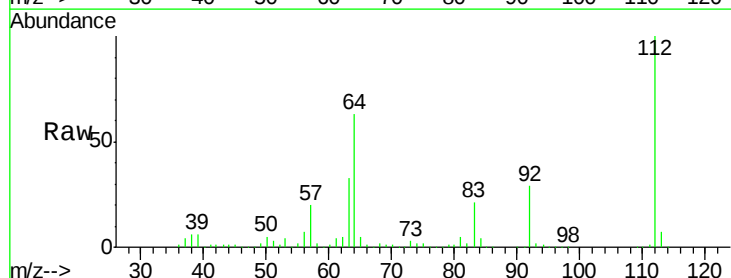
Tgt Ion:112 Resp: 1049525

Ion Ratio Lower Upper

112 100

64 63.0 42.2 63.2

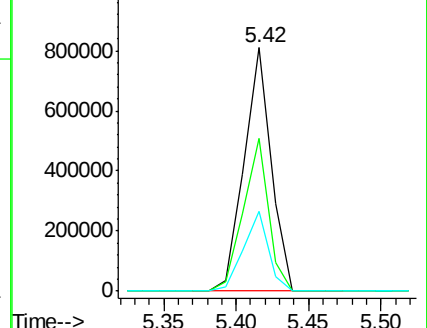
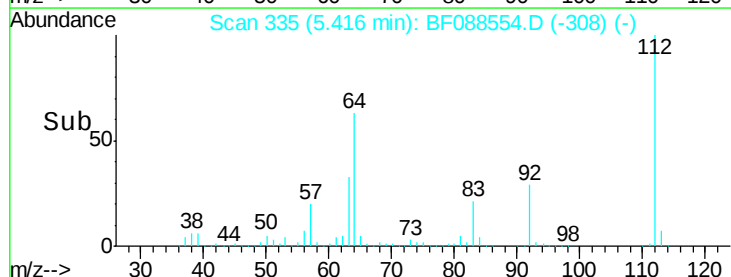
63 33.0 21.8 32.8#



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: 118.25 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

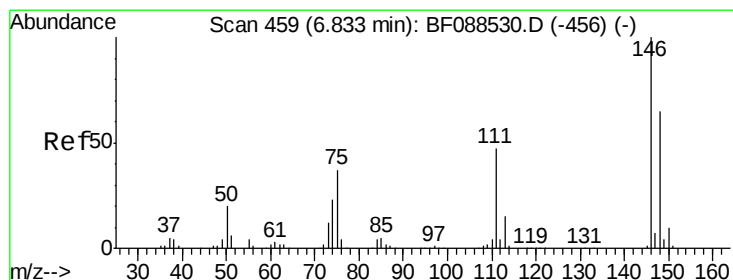
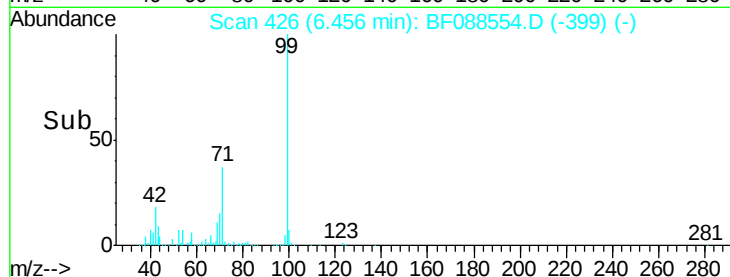
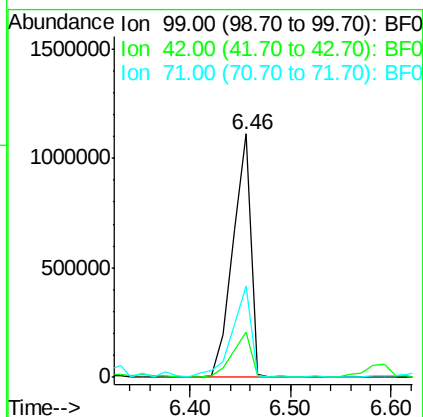
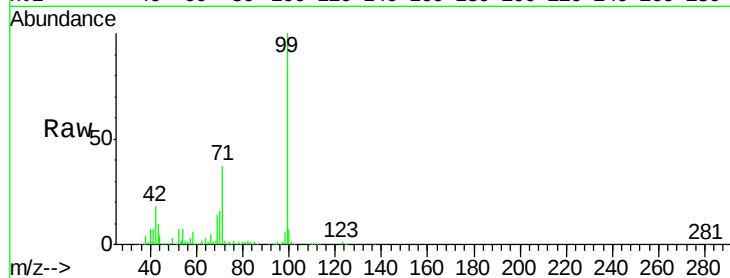
Tot Ion: 99 Resp: 1382970

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 37.3 23.4 35.0#



#13

1,4-Dichlorobenzene

Concen: 2.50 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

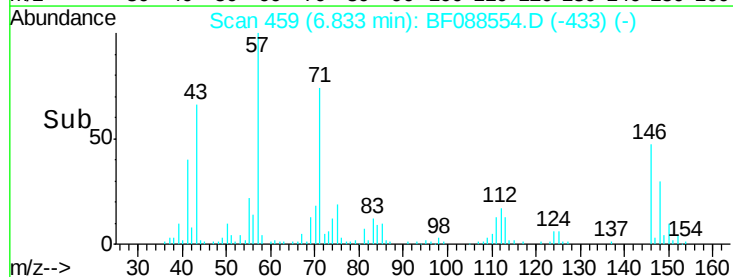
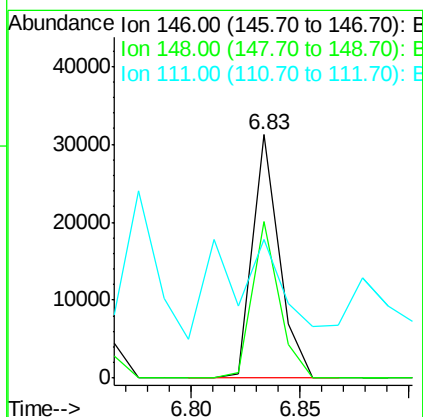
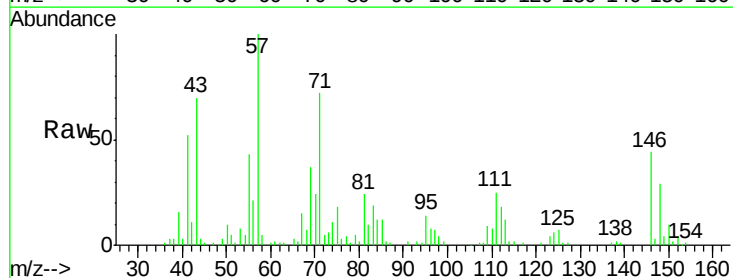
Tgt Ion: 146 Resp: 26569

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 56.9 33.8 50.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

Tot Ion:136 Resp: 427289

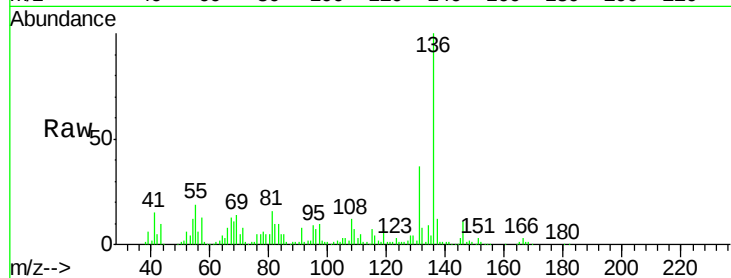
Ion Ratio Lower Upper

136 100

137 12.2 9.1 13.7

54 11.7 6.6 10.0#

68 11.0 5.1 7.7#

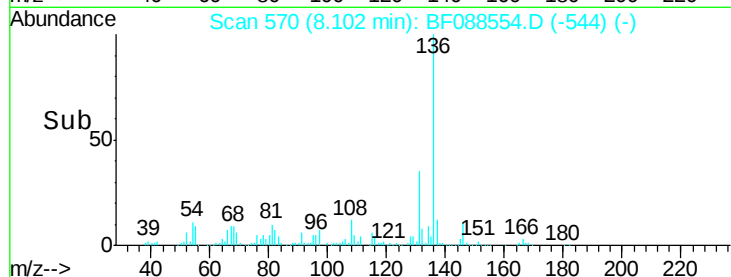


Abundance Ion 136.00 (135.70 to 136.70): E

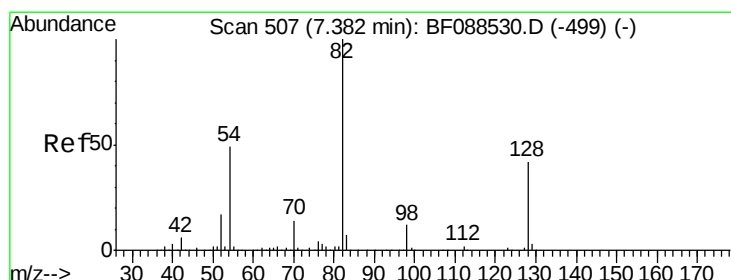
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 99.16 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

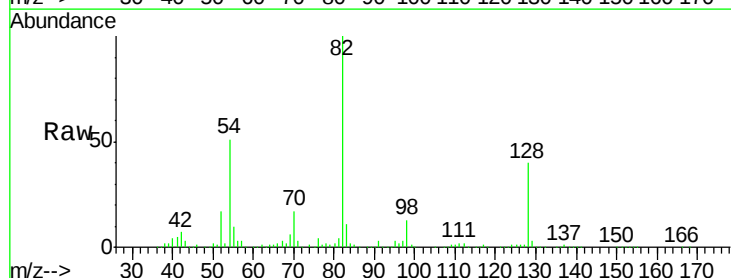
Tgt Ion: 82 Resp: 808486

Ion Ratio Lower Upper

82 100

128 40.0 35.9 53.9

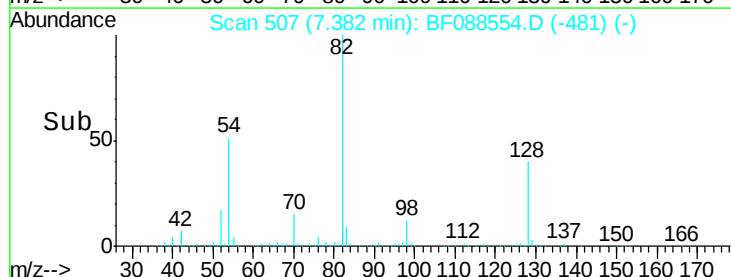
54 50.5 40.9 61.3



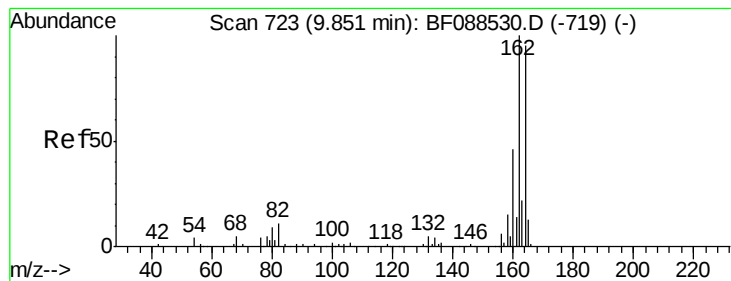
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

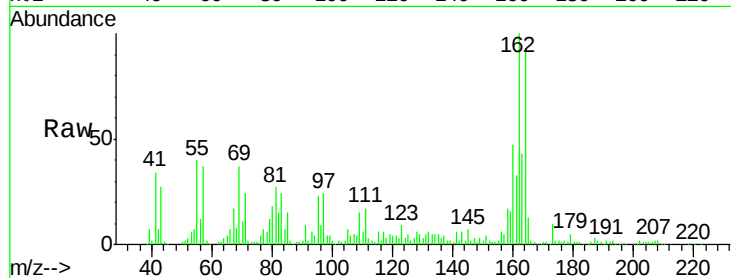
Tot Ion:164 Resp: 174983

Ion Ratio Lower Upper

164 100

162 107.7 85.4 128.2

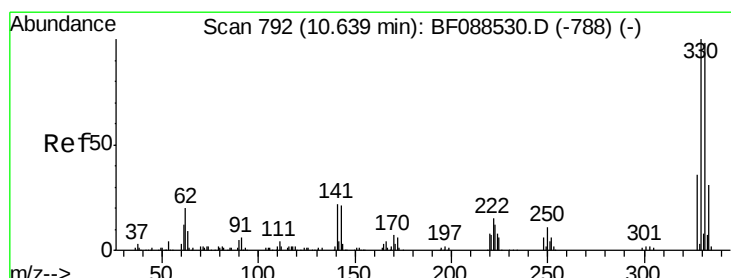
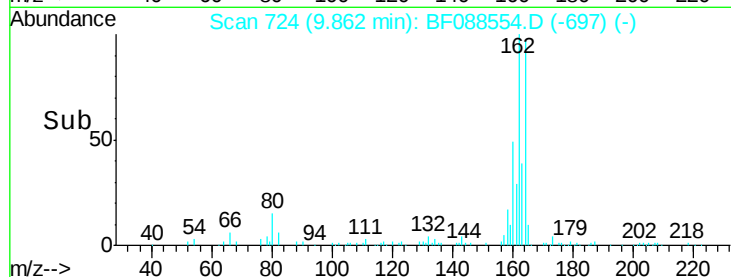
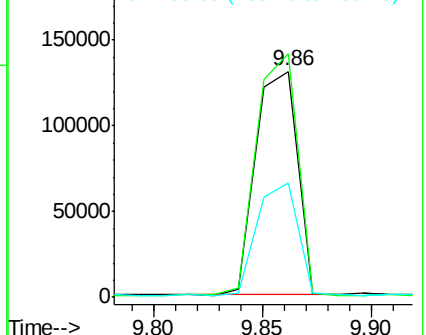
160 50.3 39.5 59.3



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: 121.27 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

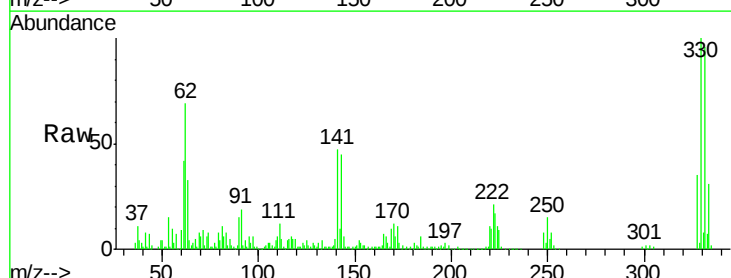
Tgt Ion:330 Resp: 197055

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

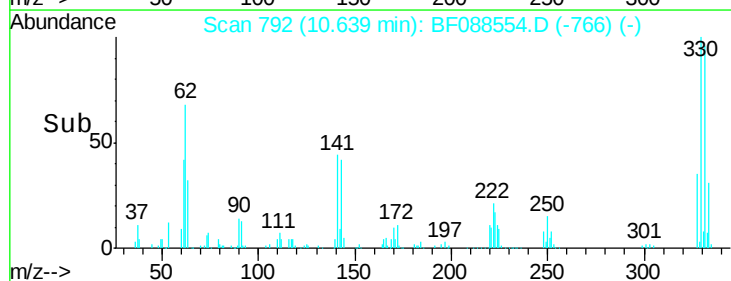
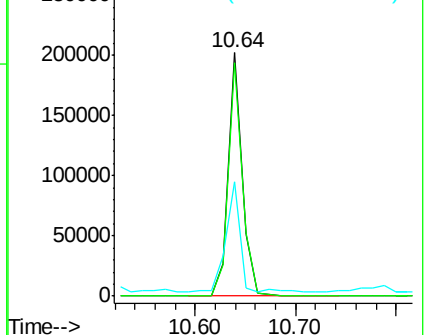
141 47.6 0.0 0.0#

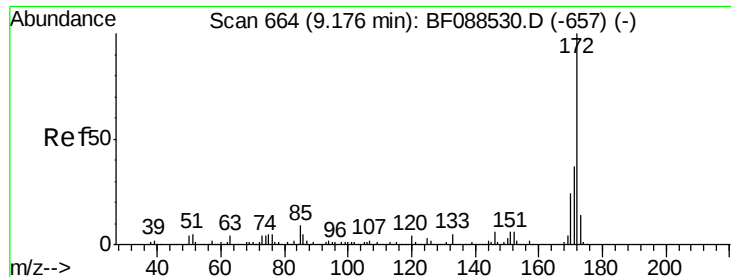


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 107.15 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

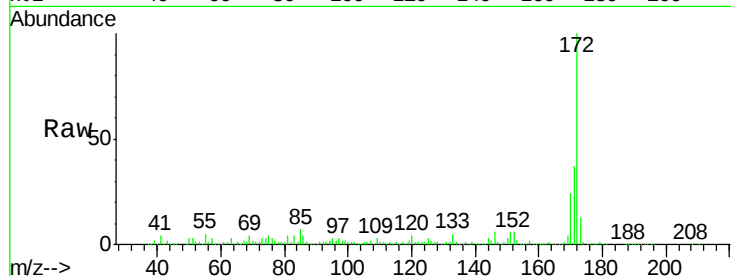
BNA_F

ClientSampleId :

B1409-TP03E-1224

Tot Ion:172 Resp: 1186982

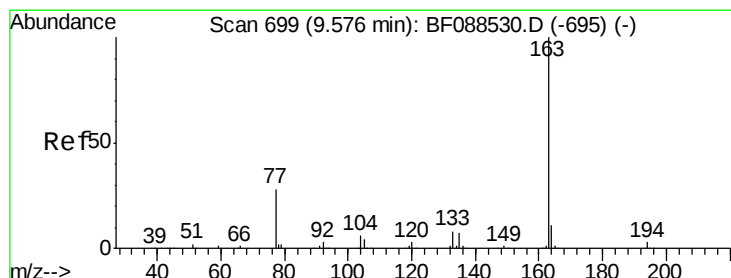
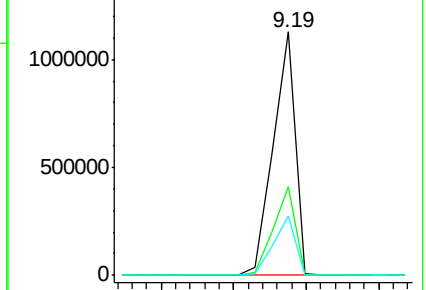
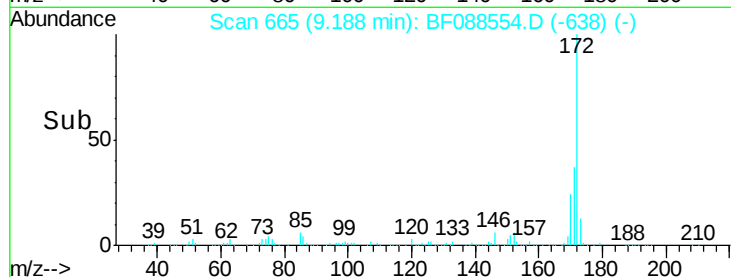
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.4	19.2	28.8



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: 17.51 ng

RT: 9.58 min Scan# 699

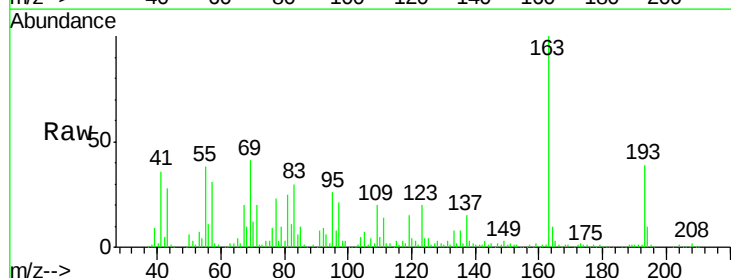
Delta R.T. 0.00 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Tgt Ion:163 Resp: 218293

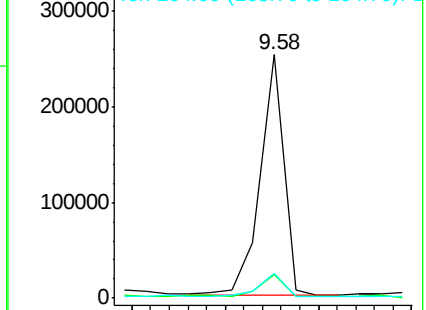
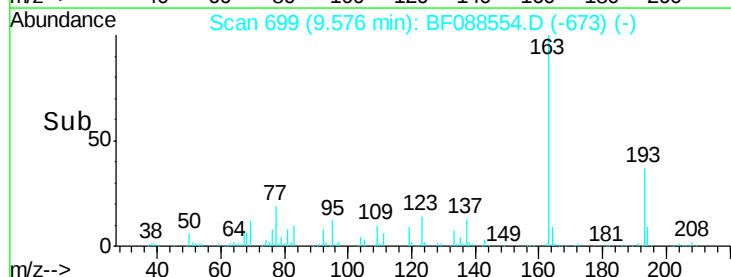
Ion	Ratio	Lower	Upper
163	100		
194	9.8	2.8	4.2#
164	10.0	8.3	12.5

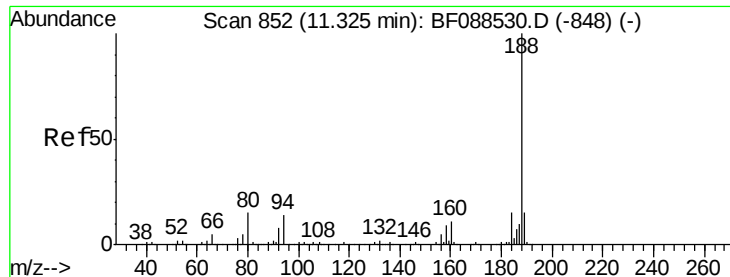


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

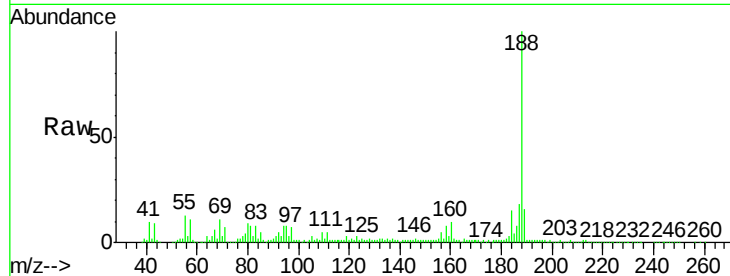




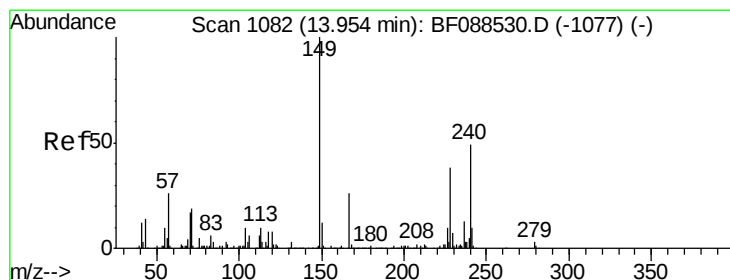
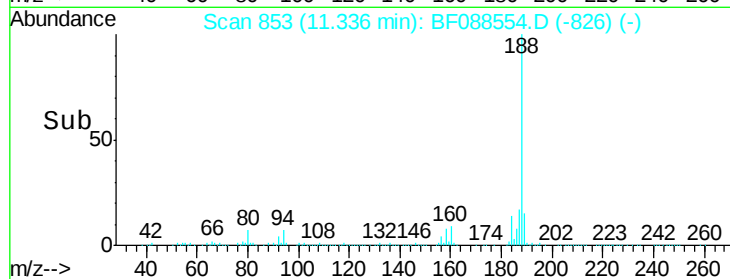
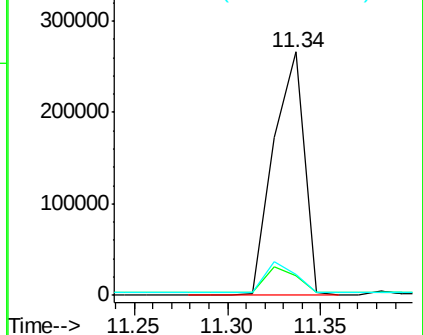
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF088554.D
Acq: 1 Jul 2016 3:15

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224

Tot Ion:188 Resp: 303113
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 8.5 10.0 15.0#

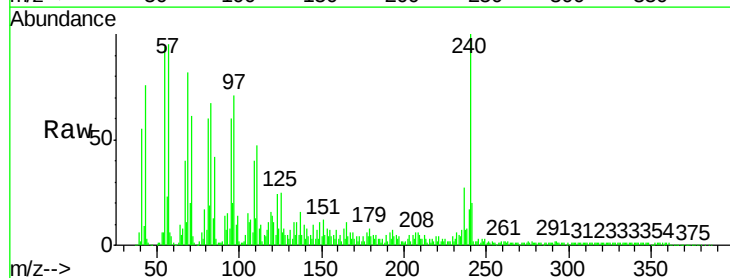


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

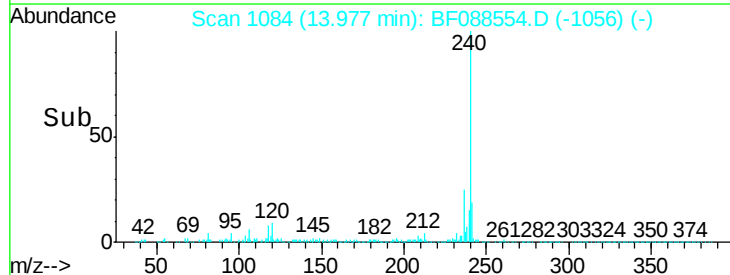
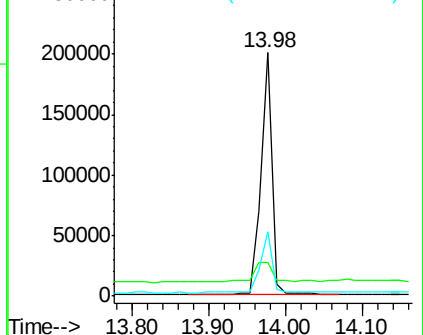


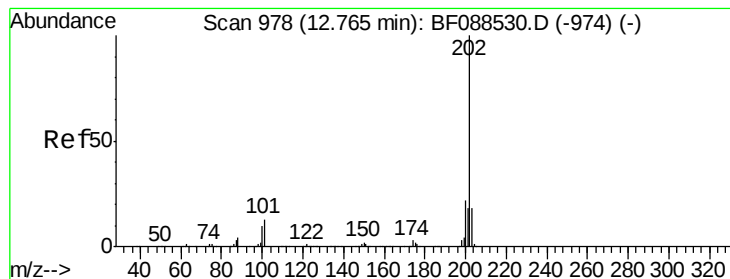
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BF088554.D
Acq: 1 Jul 2016 3:15

Tgt Ion:240 Resp: 195015
Ion Ratio Lower Upper
240 100
120 14.1 6.8 10.2#
236 26.5 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





#77

Pvrene

Concen: 2.90 ng

RT: 12.78 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

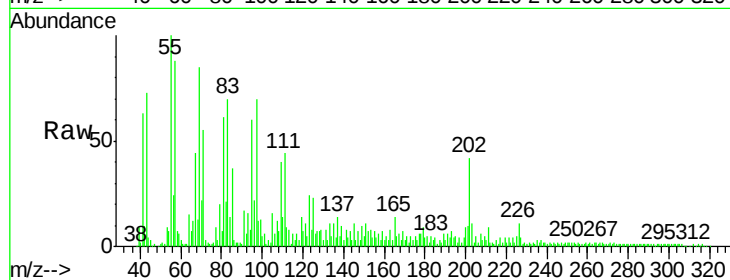
Tot Ion:202 Resp: 47905

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

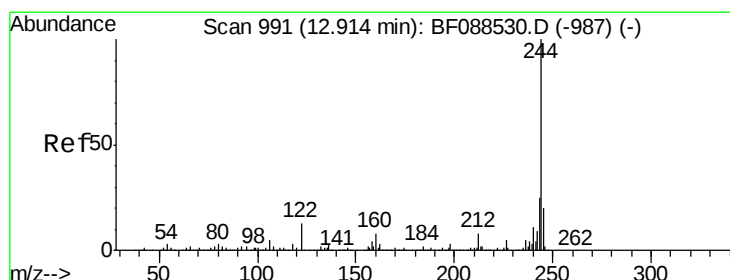
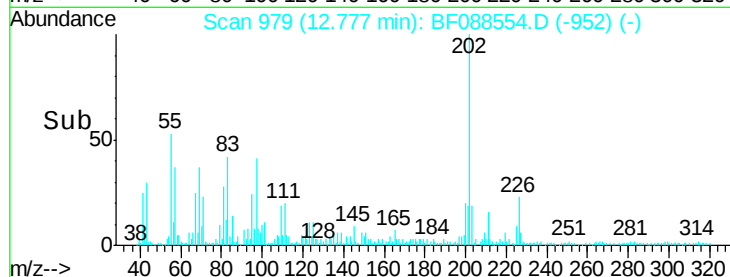
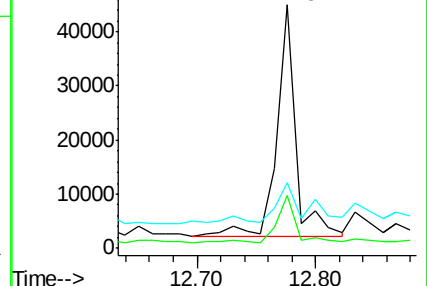
203 27.1 14.5 21.7#



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: 78.57 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

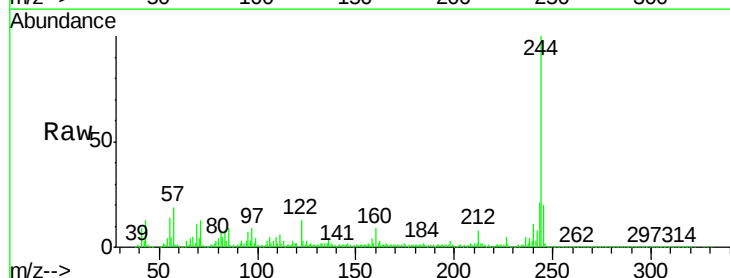
Tgt Ion:244 Resp: 687905

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

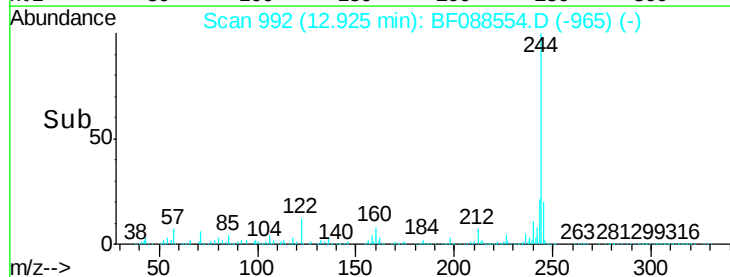
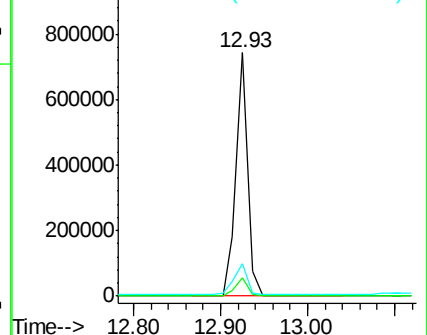
122 13.1 11.2 16.8

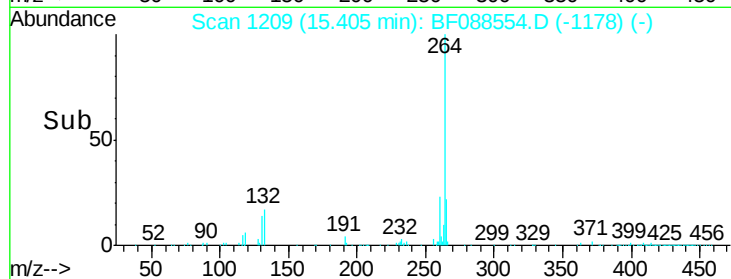
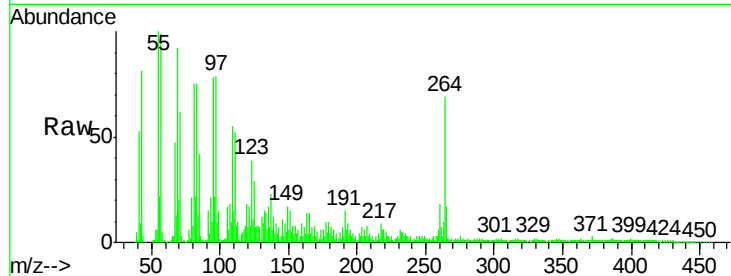
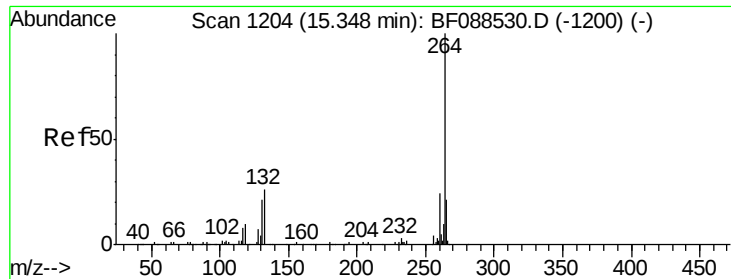


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1209

Delta R.T. 0.06 min

Lab File: BF088554.D

Acq: 1 Jul 2016 3:15

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224

Tot Ion:264 Resp: 174943

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 24.4 16.9 25.3

