

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086277.D
 Acq On : 18 Apr 2016 12:58
 Operator : UM/SJ
 Sample : H2471-10
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH8

Quant Time: Apr 19 01:12:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

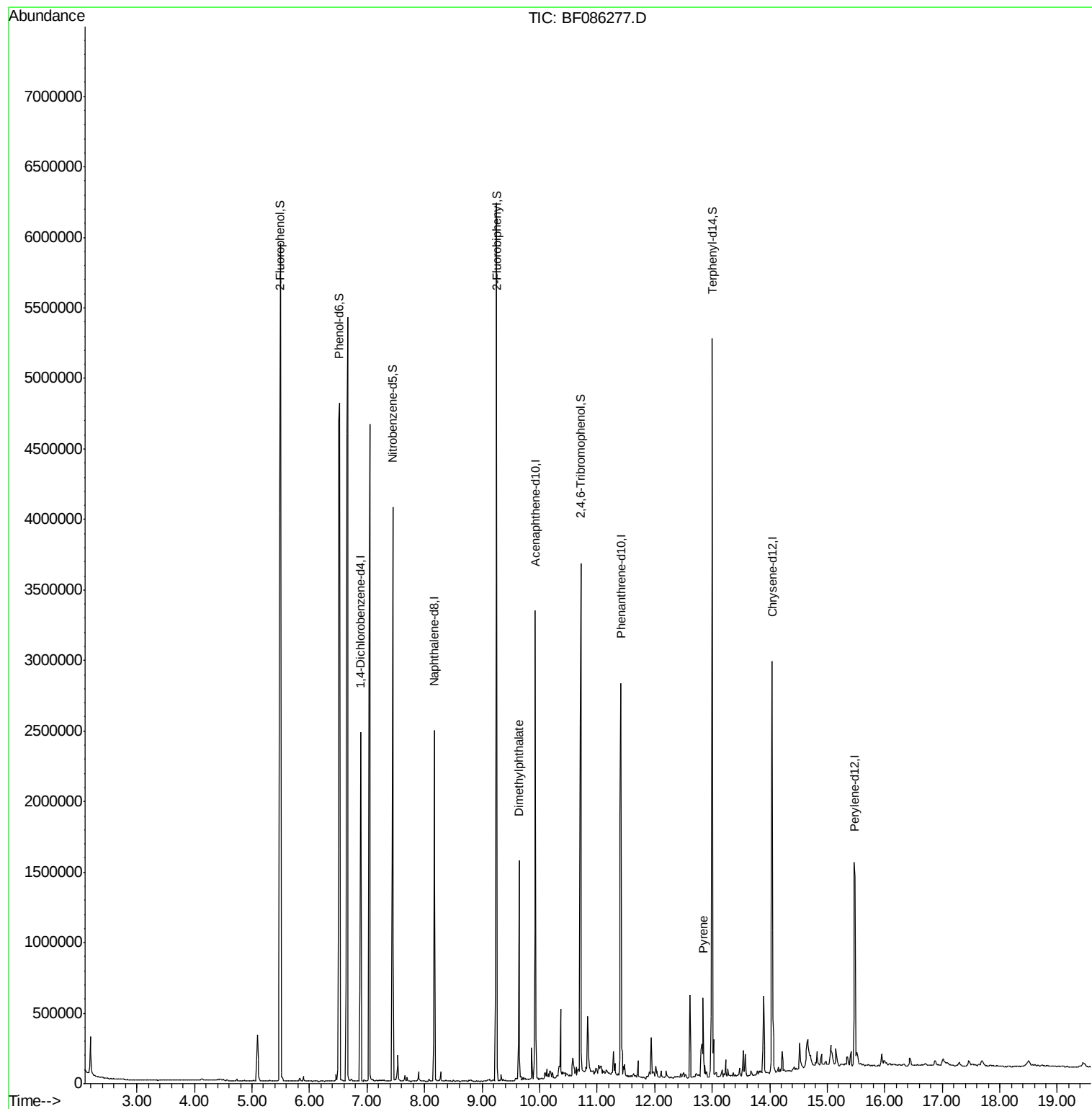
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	362883	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1431371	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	675575	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1266934	20.00	ng	0.00
75) Chrysene-d12	14.04	240	935592	20.00	ng	-0.01
86) Perylene-d12	15.48	264	790948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2036176	91.94	ng	0.01
7) Phenol-d6	6.52	99	2749952	99.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	1561873	62.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	495318	91.31	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2309526	63.08	ng	-0.01
78) Terphenyl-d14	13.00	244	2006757	53.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.64	163	595723	12.13	ng	99
74) Fluoranthene	12.61	202	224156	Below Cal		96
77) Pyrene	12.84	202	209248	2.92	ng	99

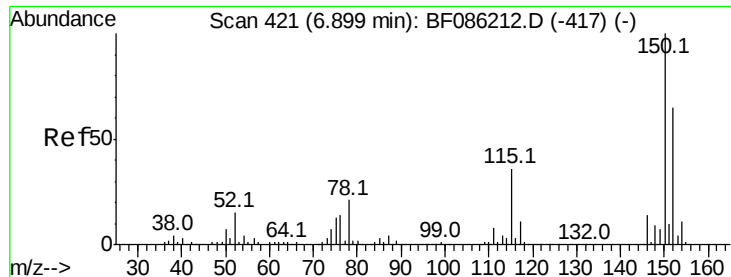
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086277.D
Acq On : 18 Apr 2016 12:58
Operator : UM/SJ
Sample : H2471-10
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CDMSH8

Quant Time: Apr 19 01:12:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration



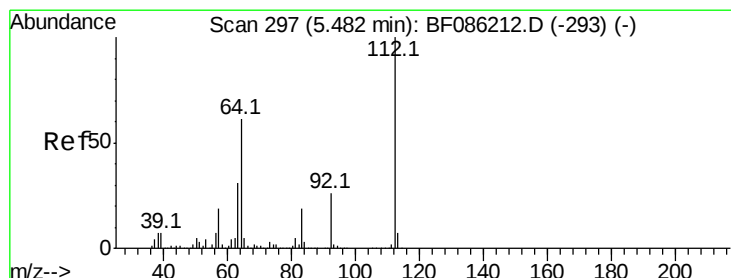
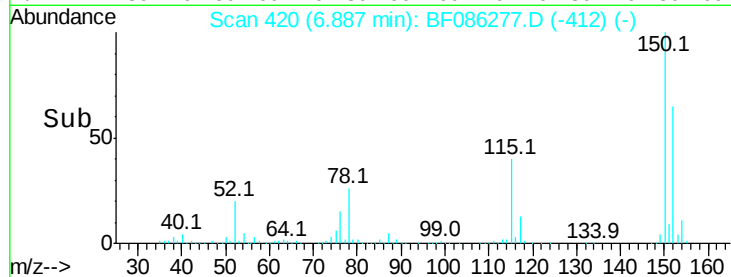
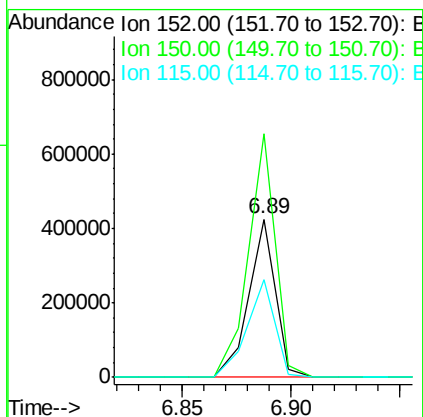
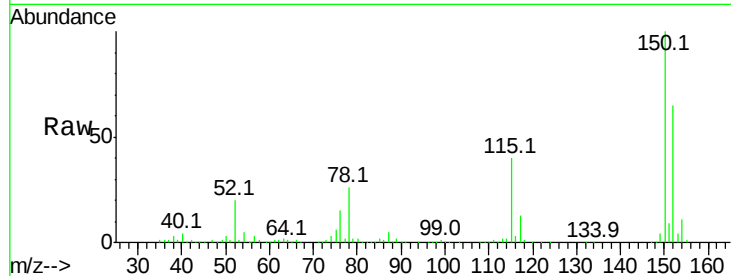


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Instrument :
BNA_F
ClientSampleId :
CDMSH8

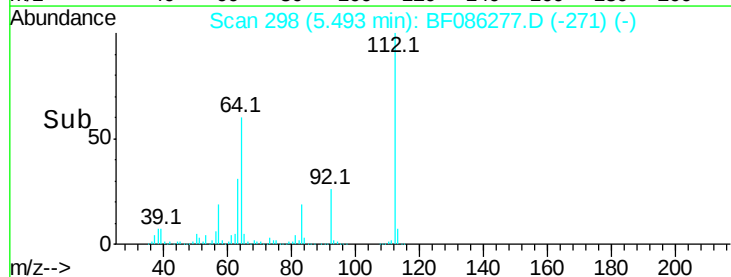
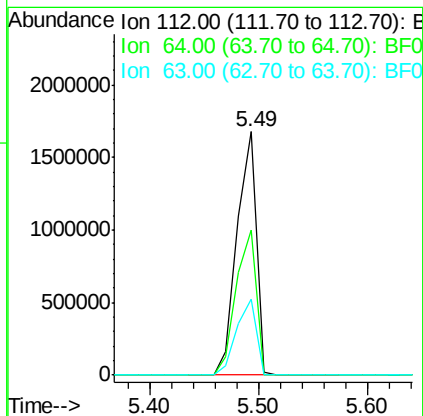
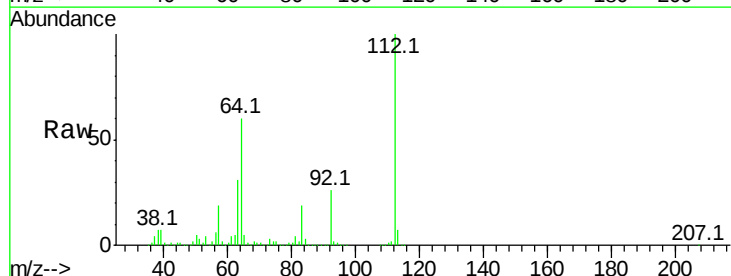
Tot Ion:152 Resp: 362883
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 61.6 43.9 65.9

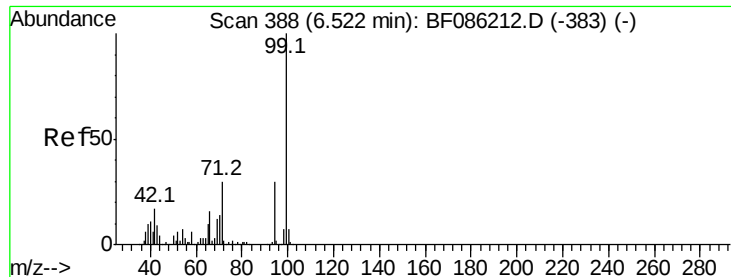


#5

2-Fluorophenol
Concen: 91.94 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Tgt Ion:112 Resp: 2036176
Ion Ratio Lower Upper
112 100
64 59.5 48.1 72.1
63 31.1 25.5 38.3





#7

Phenol-d6

Concen: 99.27 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Instrument :

BNA_F

ClientSampleId :

CDMSH8

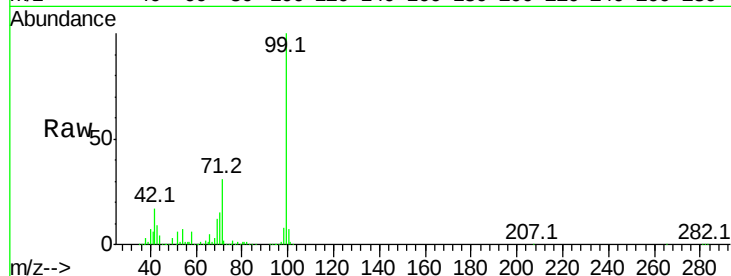
Tot Ion: 99 Resp: 2749952

Ion Ratio Lower Upper

99 100

42 16.8 15.4 23.2

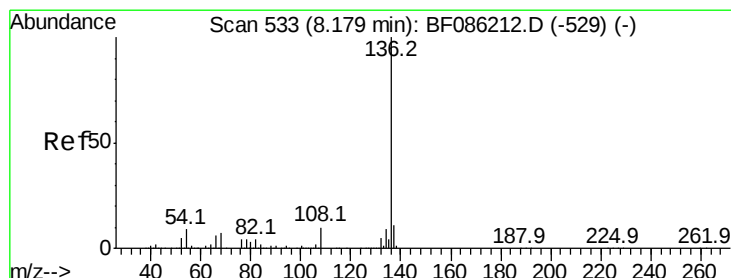
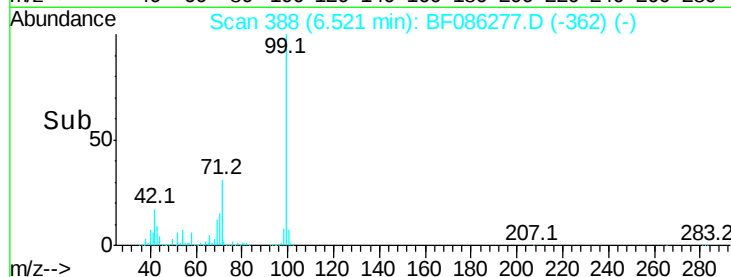
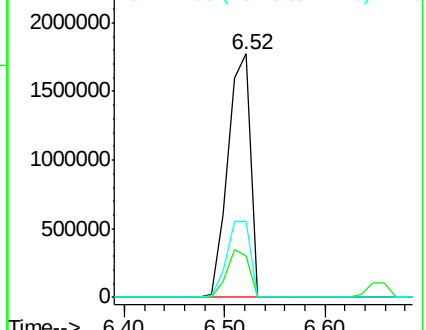
71 31.4 25.6 38.4



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: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Tgt Ion: 136 Resp: 1431371

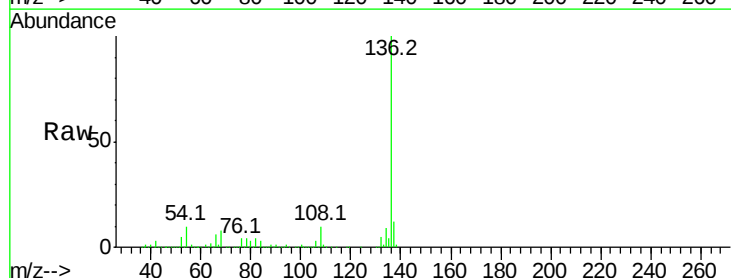
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.0 7.3 10.9

68 8.0 5.7 8.5

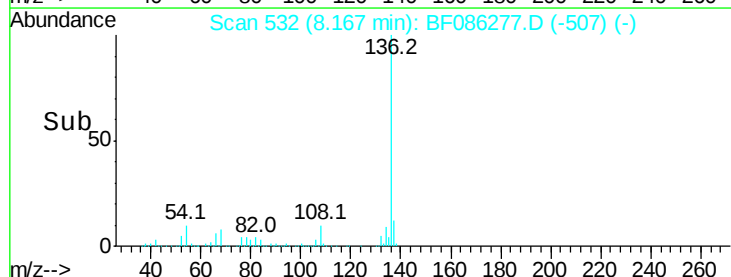
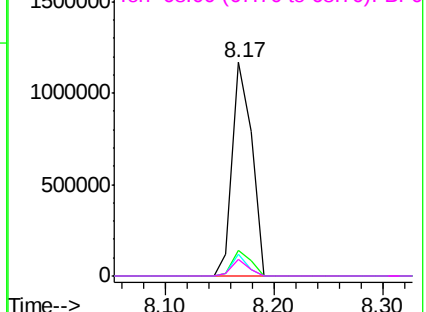


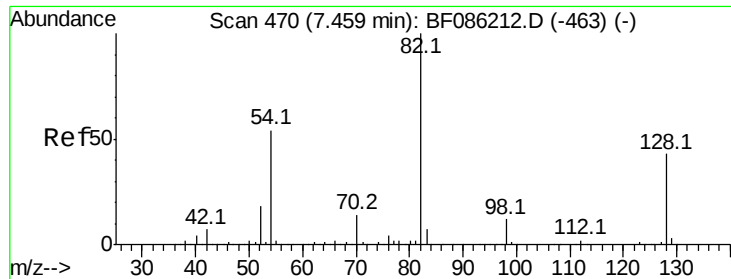
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.94 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Instrument :

BNA_F

ClientSampleId :

CDMSH8

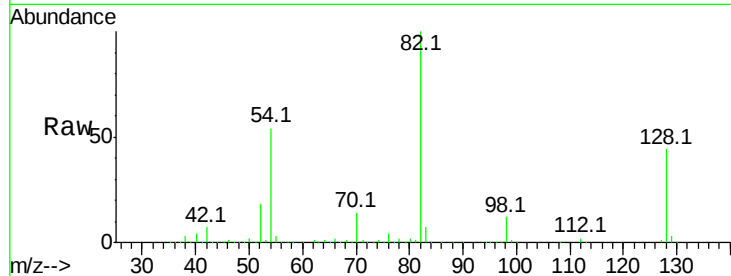
Tot Ion: 82 Resp: 1561873

Ion Ratio Lower Upper

82 100

128 44.2 35.4 53.2

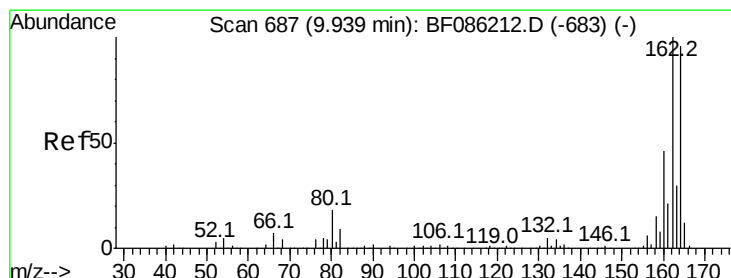
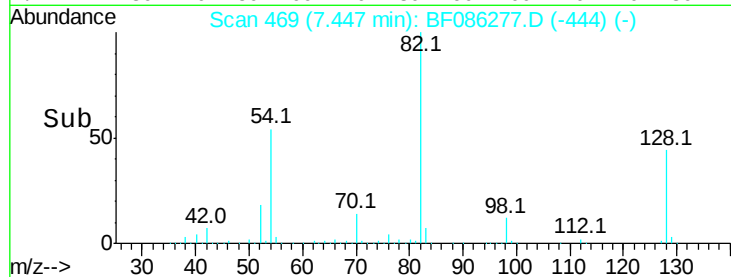
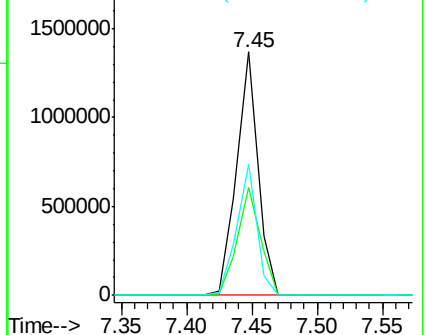
54 53.6 43.4 65.0



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: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

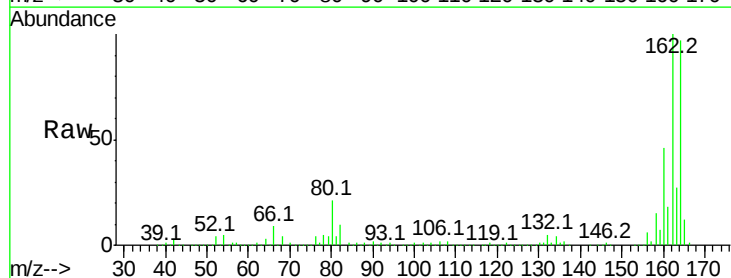
Tgt Ion: 164 Resp: 675575

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

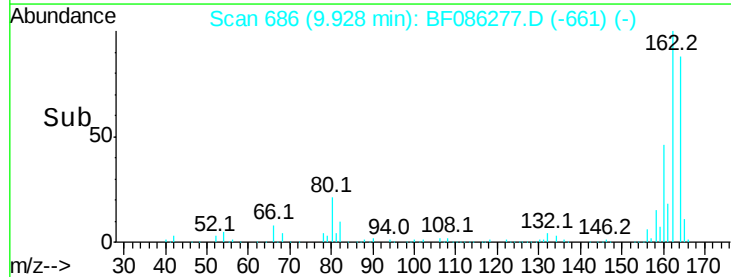
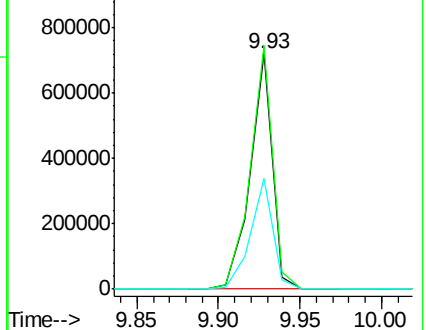
160 47.1 38.9 58.3

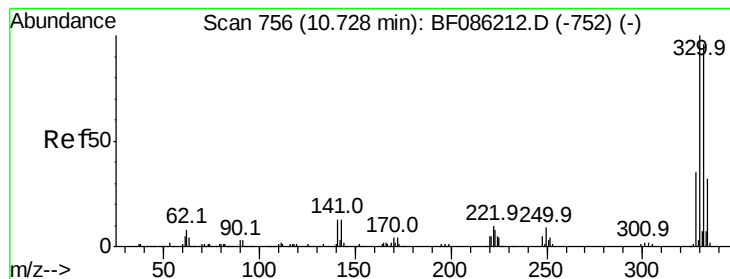


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0





#41

2,4,6-Tribromophenol

Concen: 91.31 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Instrument :

BNA_F

ClientSampleId :

CDMSH8

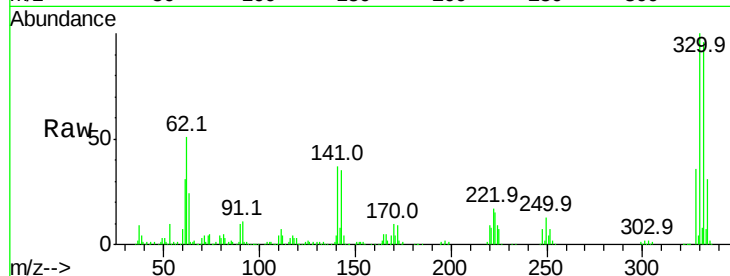
Tot Ion:330 Resp: 495318

Ion Ratio Lower Upper

330 100

332 97.3 78.7 118.1

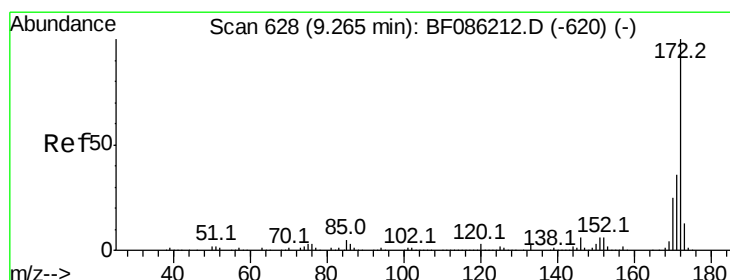
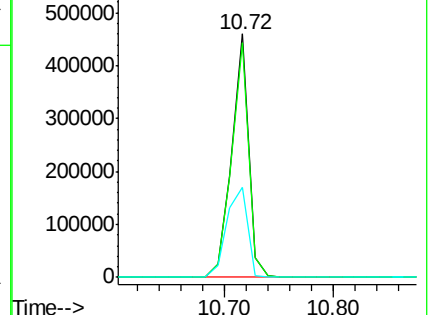
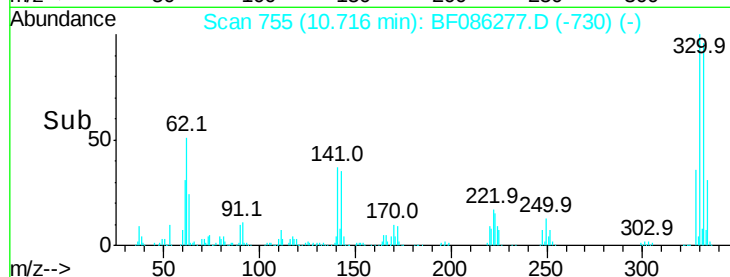
141 46.1 28.6 42.8#



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: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

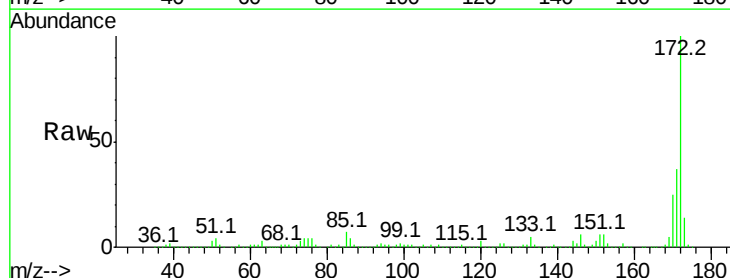
Tgt Ion:172 Resp: 2309526

Ion Ratio Lower Upper

172 100

171 36.8 29.1 43.7

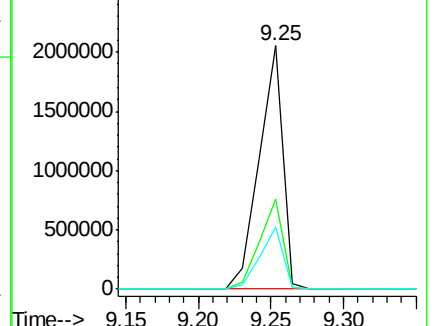
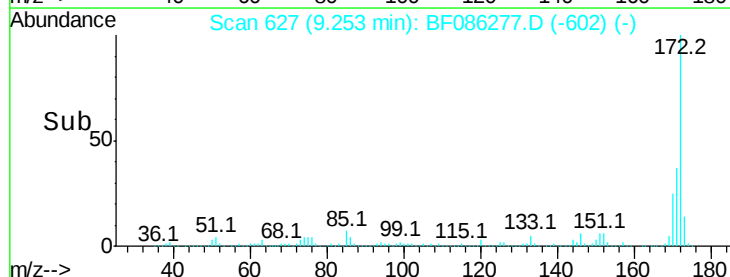
170 25.5 19.9 29.9

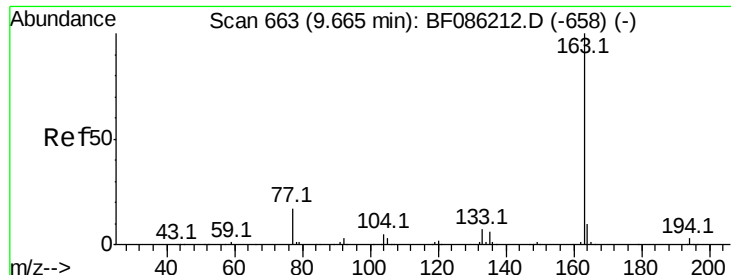


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.13 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Instrument :

BNA_F

ClientSampleId :

CDMSH8

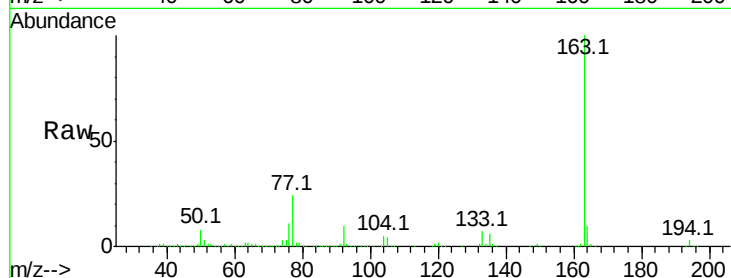
Tot Ion:163 Resp: 595723

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

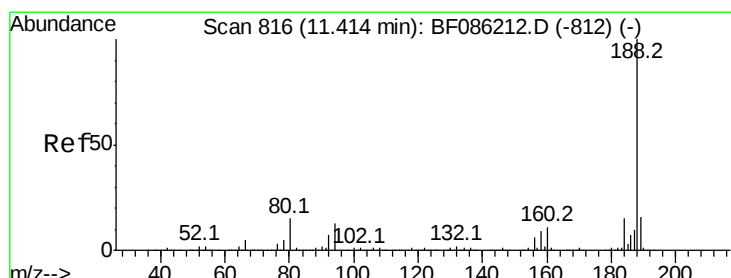
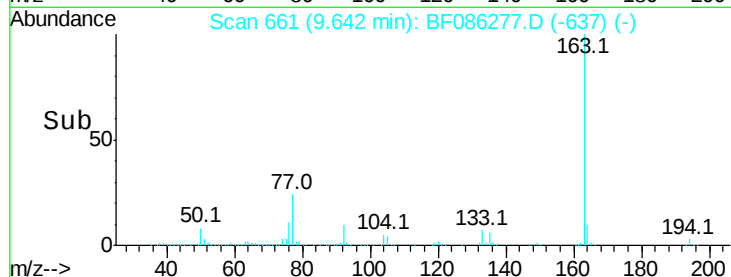
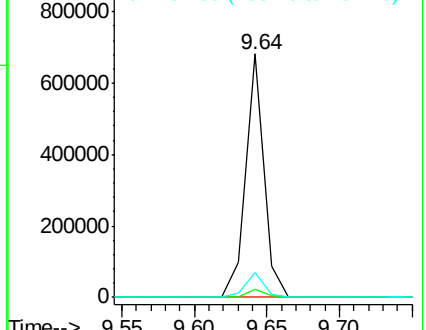
164 10.3 8.4 12.6



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: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

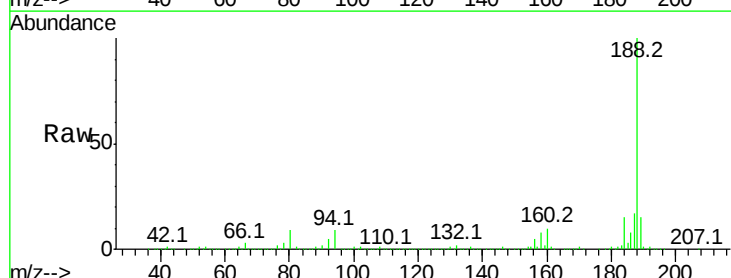
Tgt Ion:188 Resp: 1266934

Ion Ratio Lower Upper

188 100

94 8.5 9.8 14.8#

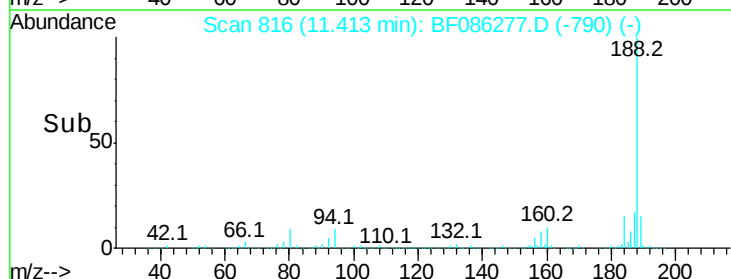
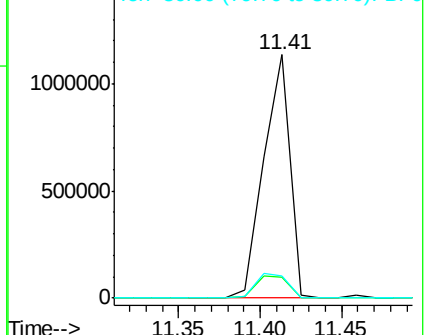
80 9.0 10.5 15.7#

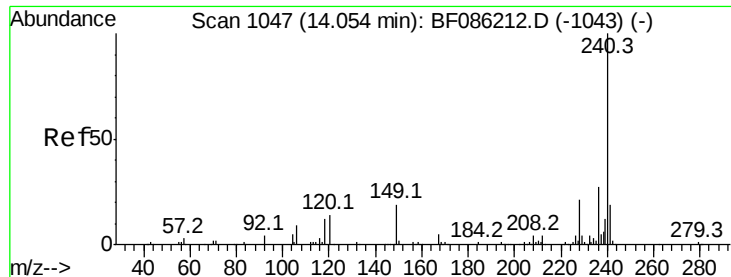


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Instrument :

BNA_F

ClientSampleId :

CDMSH8

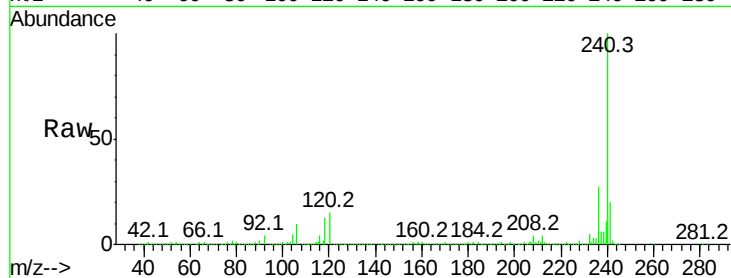
Tot Ion:240 Resp: 935592

Ion Ratio Lower Upper

240 100

120 14.8 9.3 13.9#

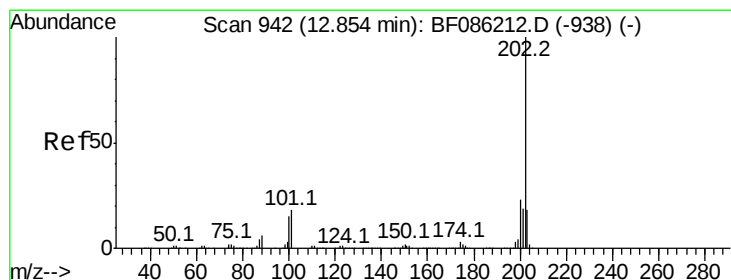
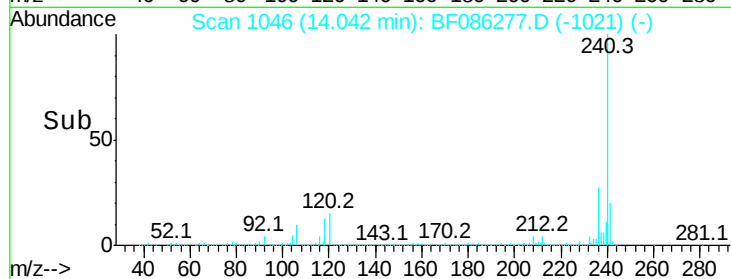
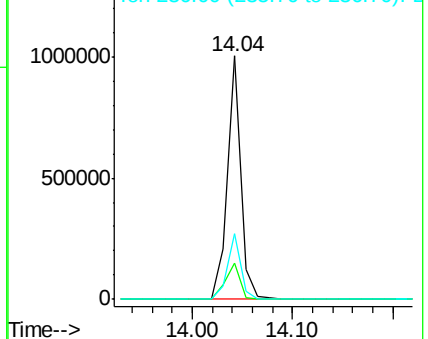
236 27.1 21.1 31.7



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

Pyrene

Concen: 2.92 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

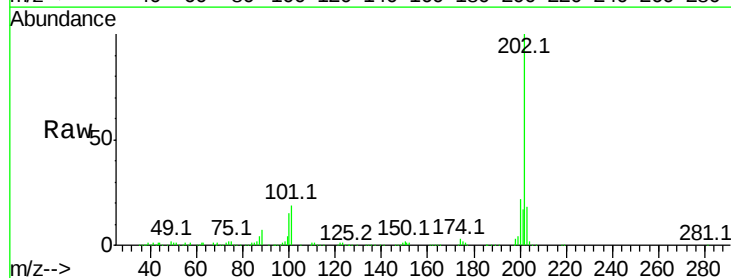
Tgt Ion:202 Resp: 209248

Ion Ratio Lower Upper

202 100

200 22.2 18.3 27.5

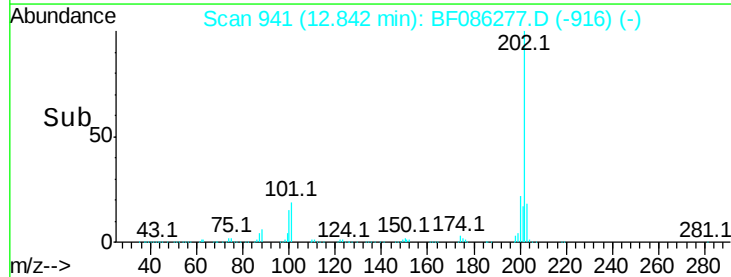
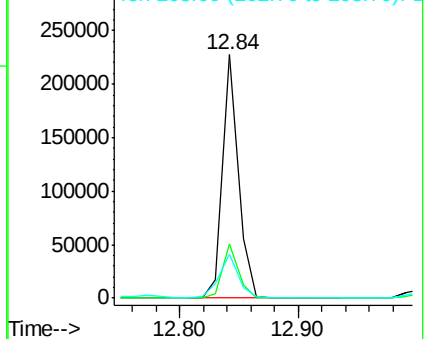
203 17.9 14.9 22.3

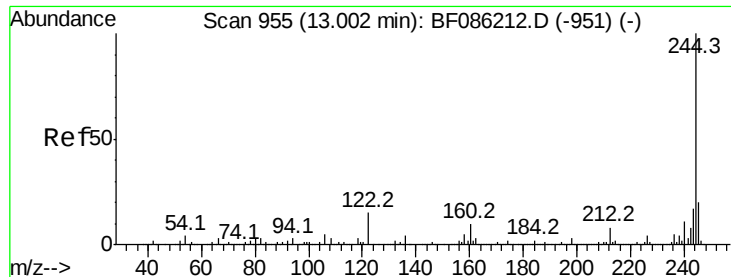


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.93 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Instrument :

BNA_F

ClientSampleId :

CDMSH8

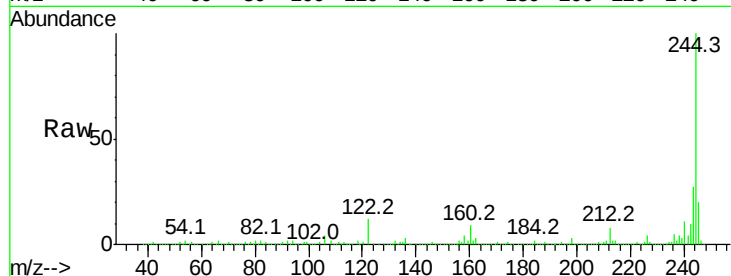
Tot Ion:244 Resp: 2006757

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

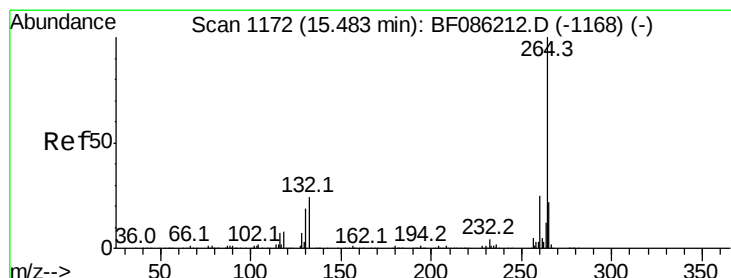
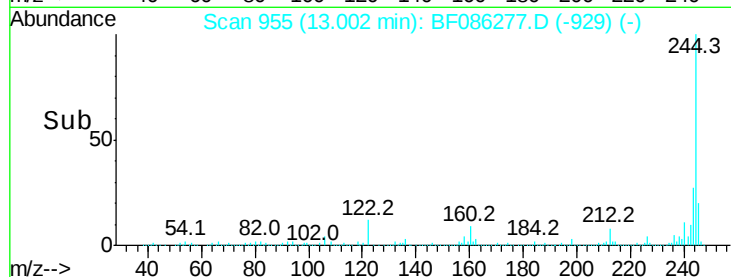
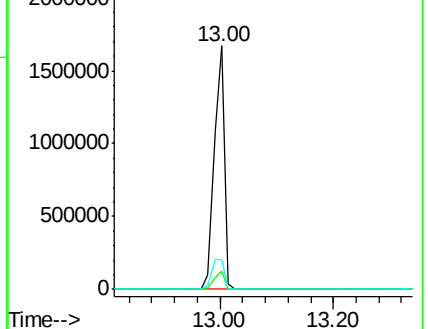
122 12.4 11.7 17.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

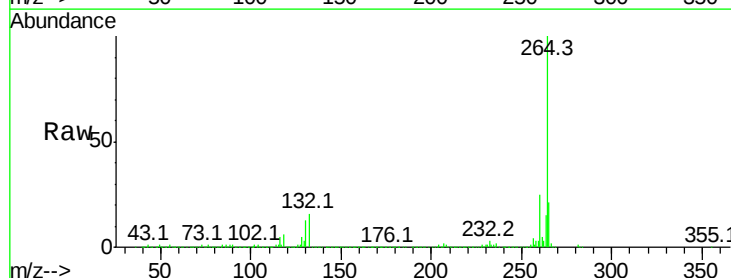
Tgt Ion:264 Resp: 790948

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.0 17.4 26.0



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

