

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 00:47:29 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

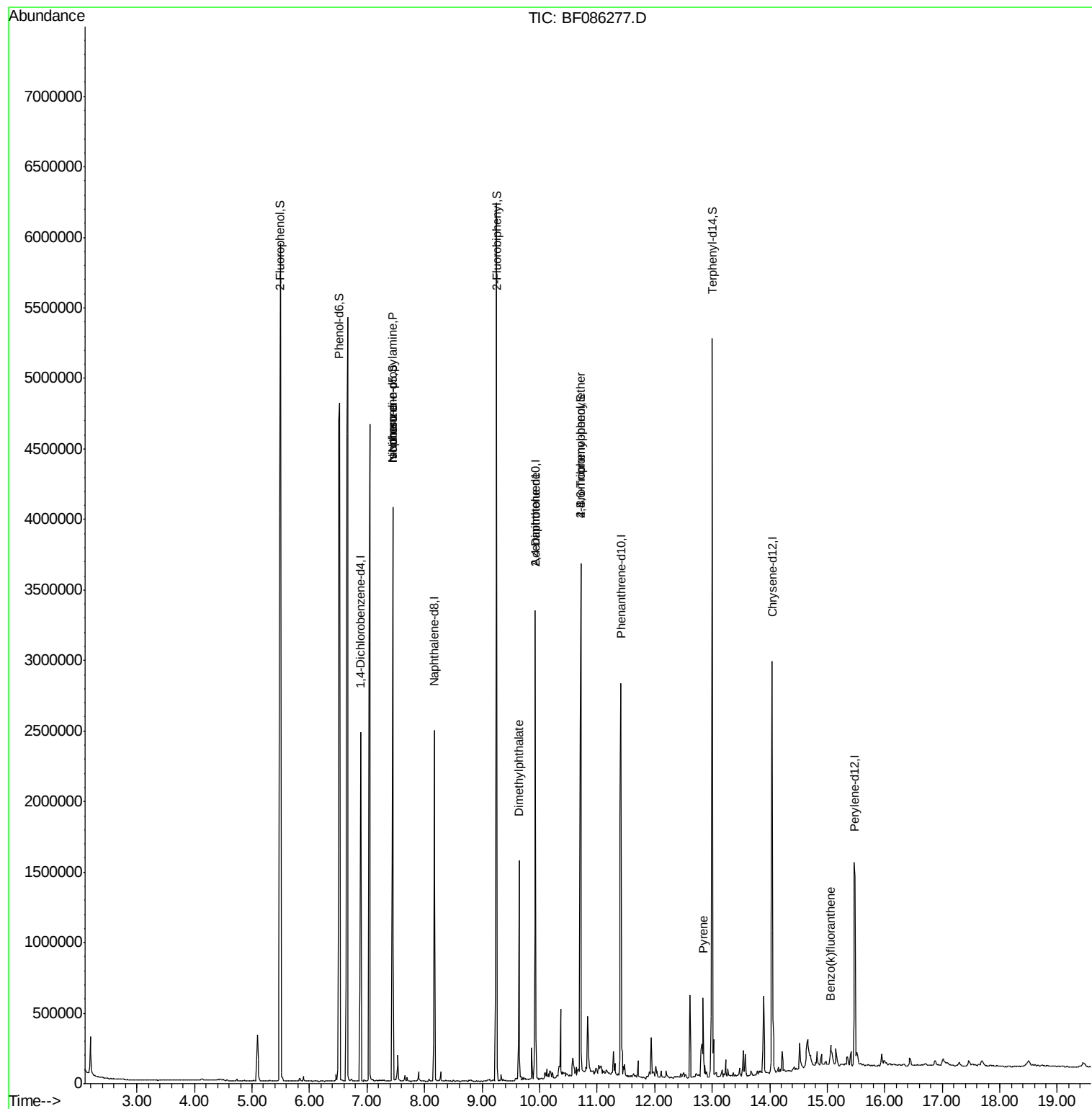
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	362883	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1431371	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	675575	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1266934	20.00	ng	0.00
75) Chrysene-d12	14.04	240	935592	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						
19) n-Nitroso-di-n-propylamine	7.45	70	211326	11.92	ng	# 82
22) Acetophenone	7.29	105	1066	Below Cal	#	1
25) Isophorone	7.45	82	1171976	23.80	ng	# 67
49) Dimethylphthalate	9.64	163	595723	12.13	ng	99
56) 2,4-Dinitrotoluene	9.93	165	87591	6.29	ng	# 31
57) Fluorene	10.46	166	2520	Below Cal	#	76
66) 4-Bromophenyl-phenylether	10.72	248	32187	2.73	ng	# 1
71) Anthracene	11.48	178	27039	Below Cal		98
74) Fluoranthene	12.61	202	224156	Below Cal		96
77) Pyrene	12.84	202	209248	2.92	ng	99
88) Benzo(k)fluoranthene	15.06	252	96871	2.18	ng	# 94

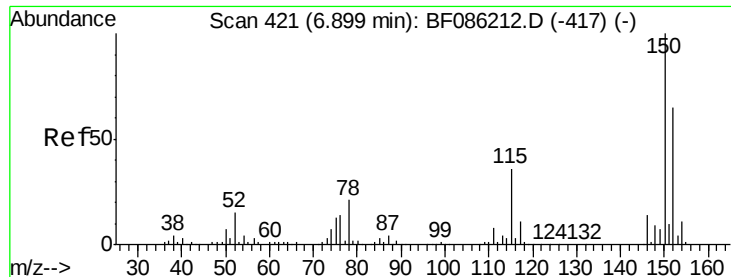
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

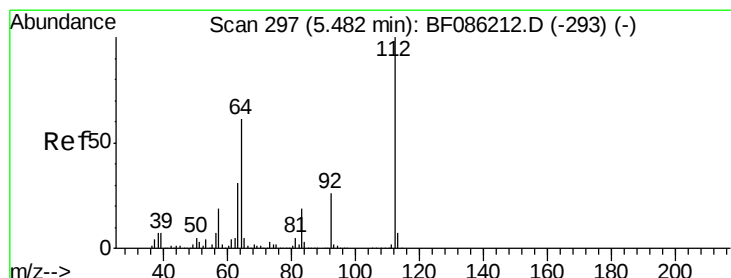
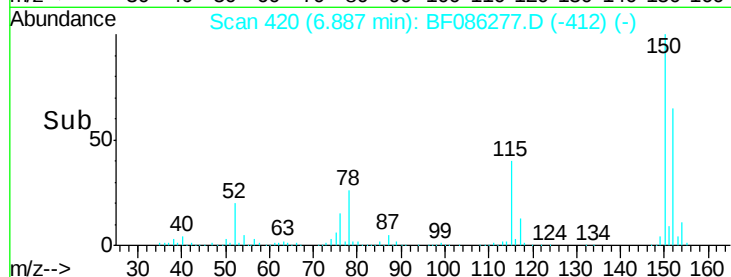
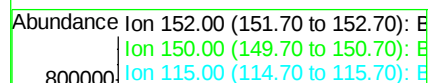
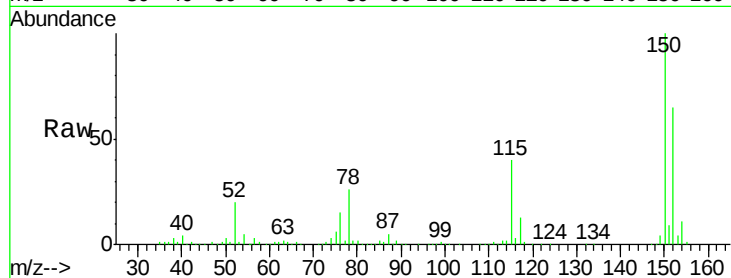
Tgt Ion:152 Resp: 362883

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

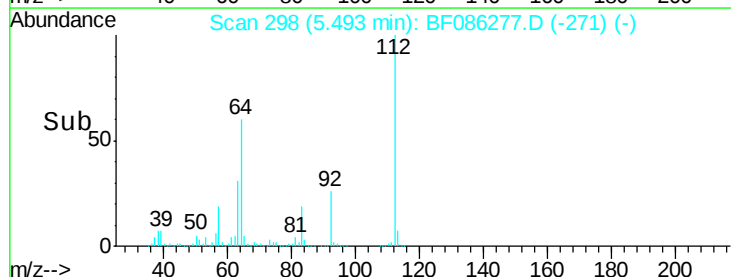
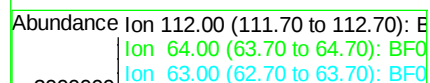
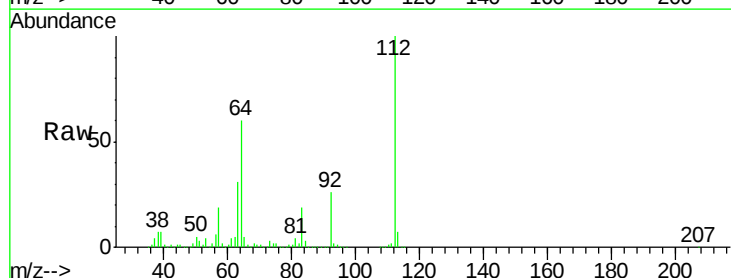
Tgt Ion:112 Resp: 2036176

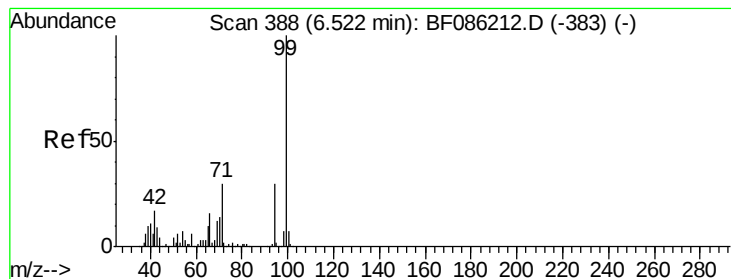
Ion Ratio Lower Upper

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

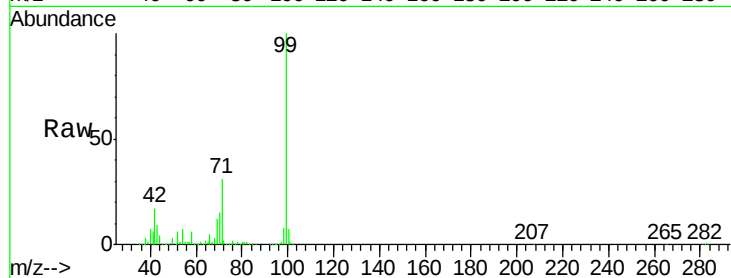
Tgt Ion: 99 Resp: 2749952

Ion Ratio Lower Upper

99 100

42 16.8 15.4 23.2

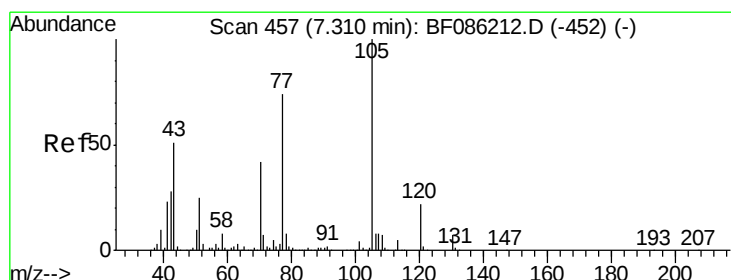
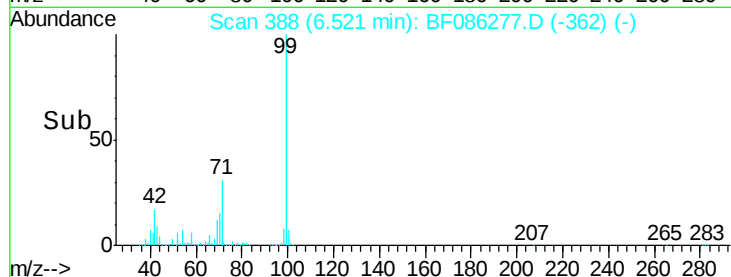
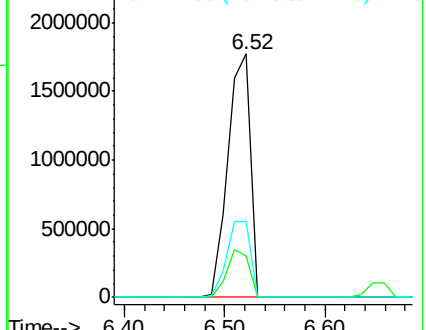
71 31.4 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.92 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Tgt Ion: 70 Resp: 211326

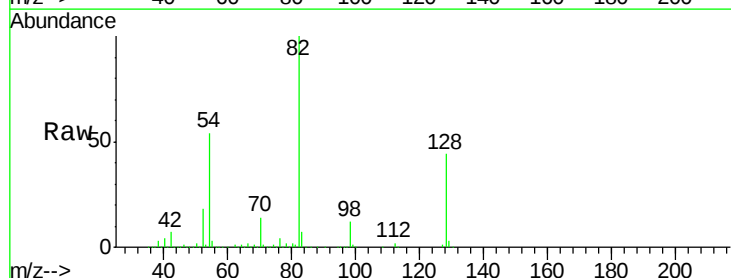
Ion Ratio Lower Upper

70 100

42 51.1 43.0 64.4

101 0.0 8.1 12.1#

130 2.4 20.1 30.1#

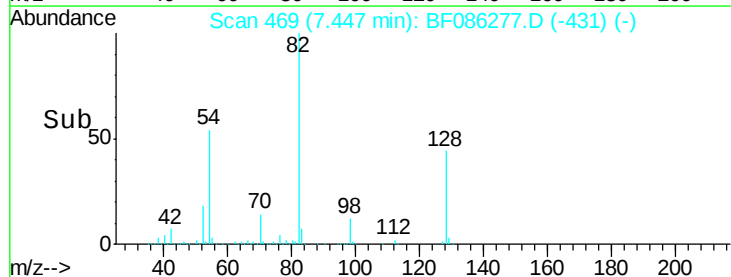
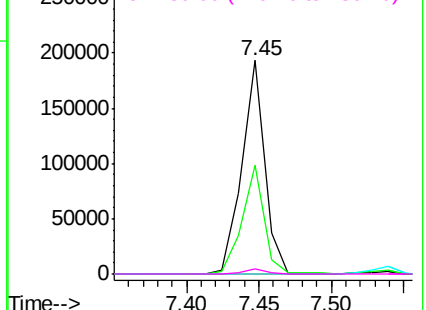


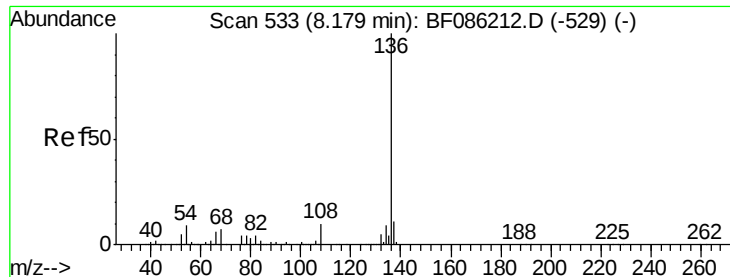
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#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

Instrument :

BNA_F

ClientSampleId :

CDMSH8

Tgt Ion:136 Resp: 1431371

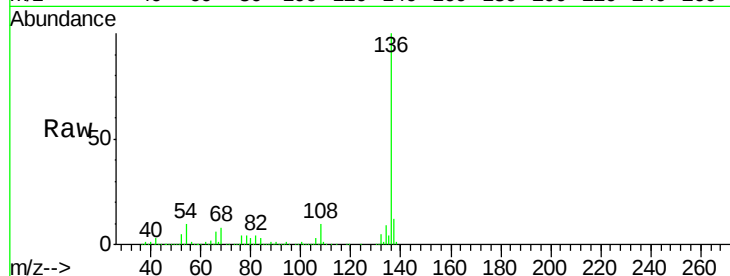
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.0 7.3 10.9

68 8.0 5.7 8.5

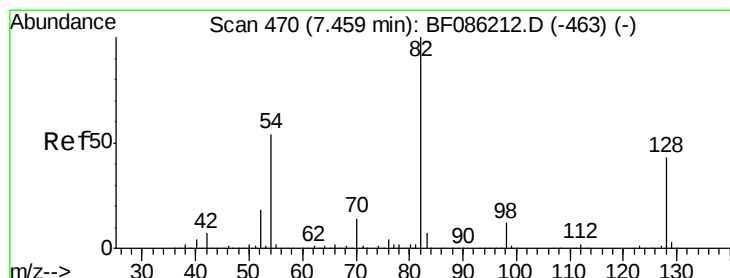
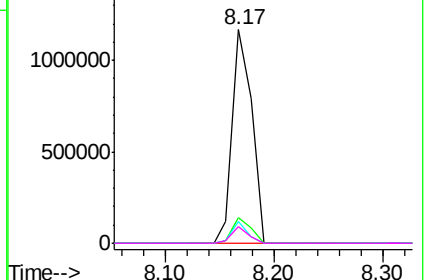
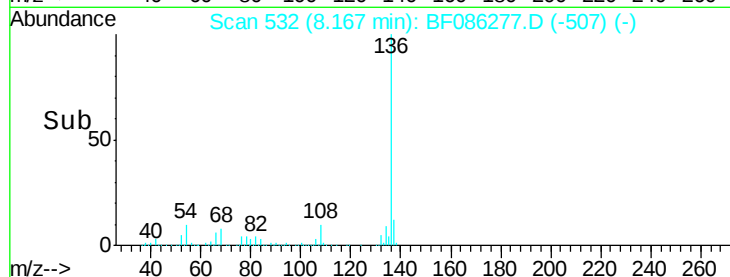


Abundance Ion 136.00 (135.70 to 136.70): E

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

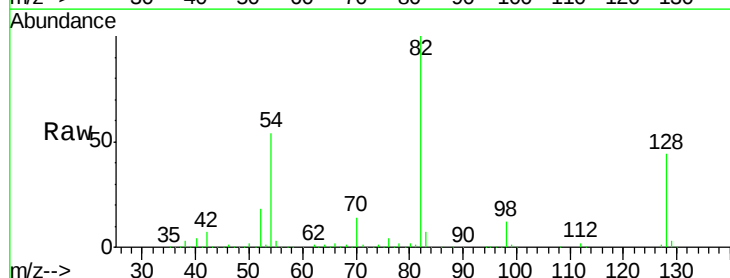
Tgt Ion: 82 Resp: 1561873

Ion Ratio Lower Upper

82 100

128 44.2 35.4 53.2

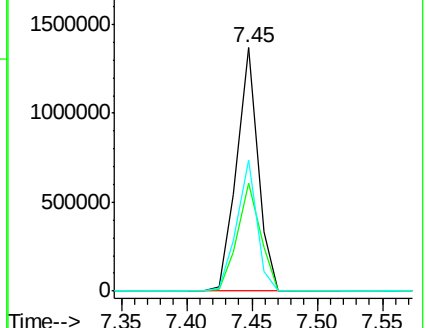
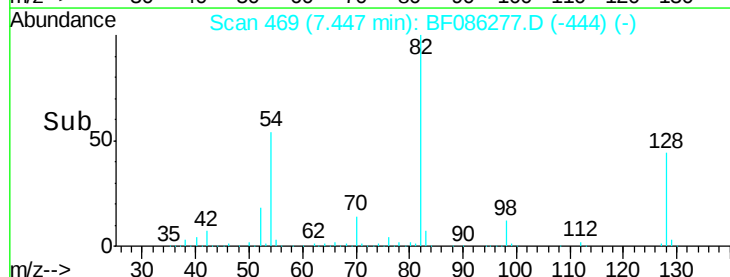
54 53.6 43.4 65.0

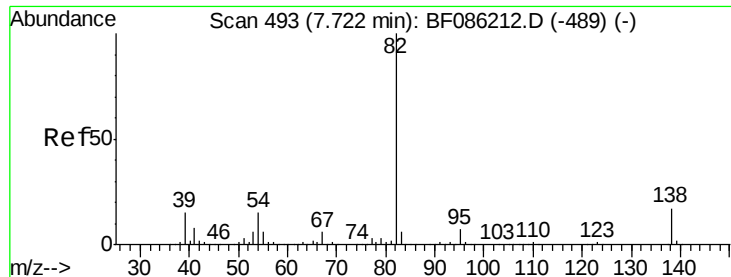


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

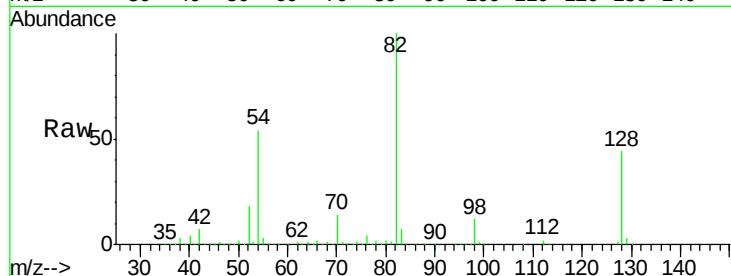




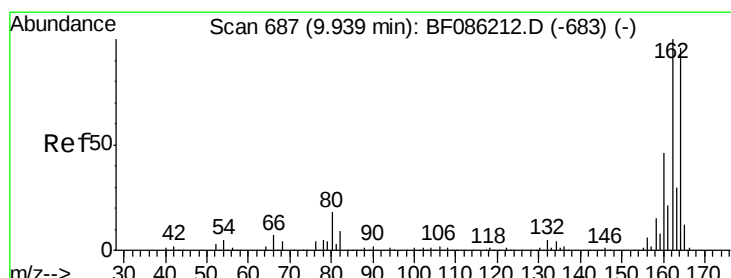
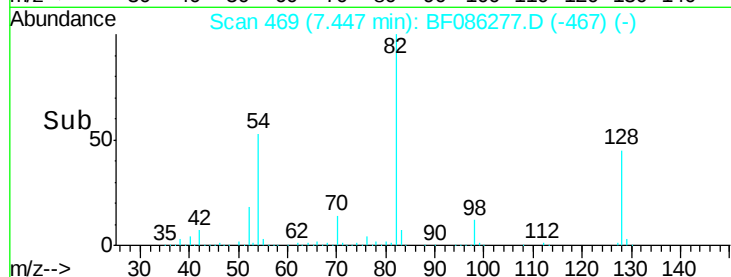
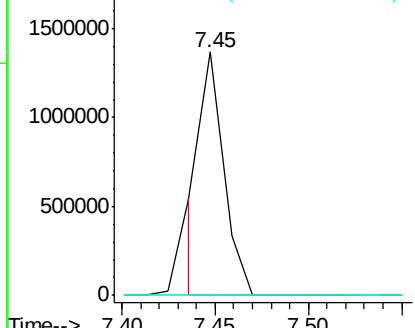
#25
Isophorone
Concen: 23.80 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Instrument :
BNA_F
ClientSampleId :
CDMSH8

Tgt Ion: 82 Resp: 1171976
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.4 20.2#

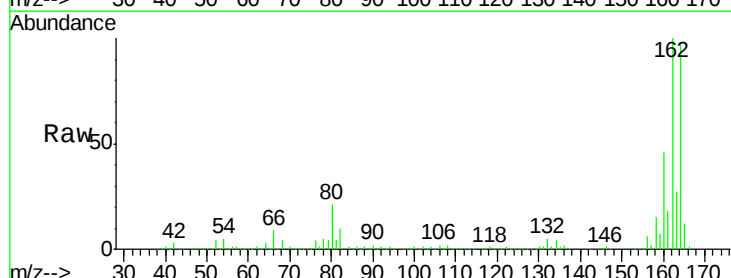


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

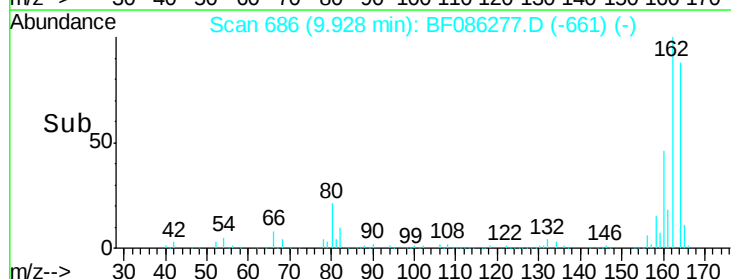
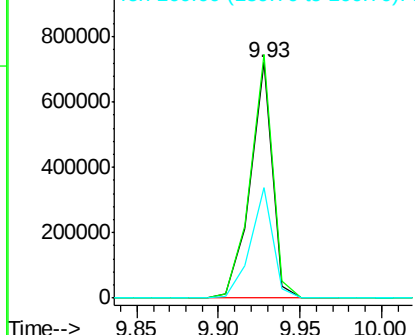


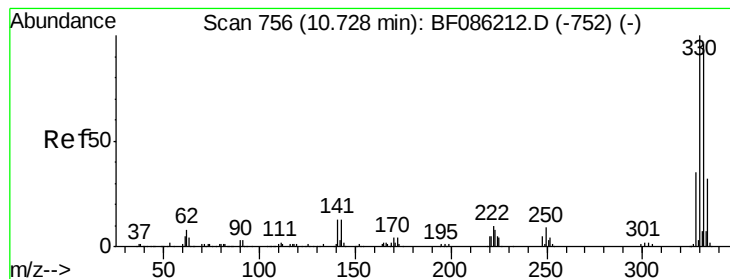
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

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): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

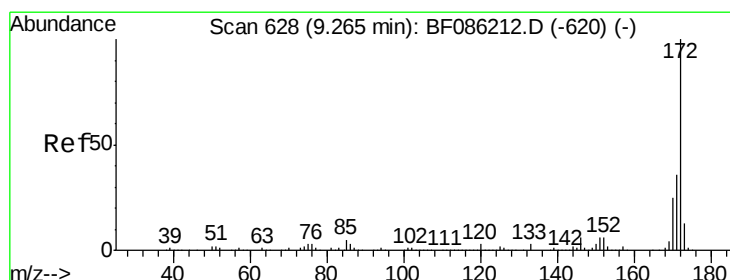
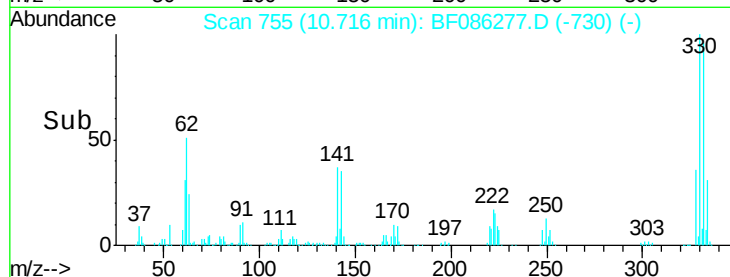
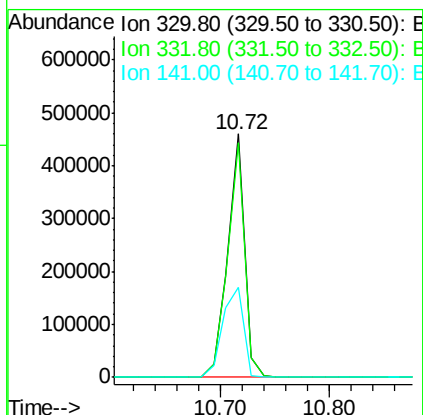
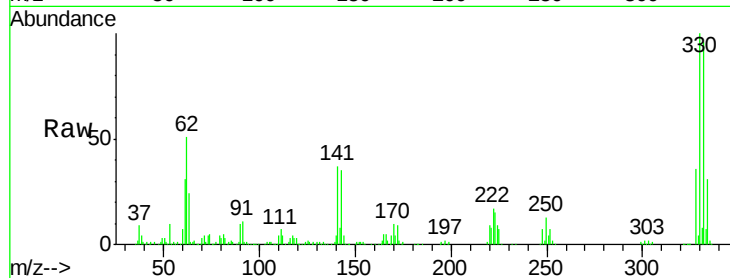




#41
 2,4,6-Tribromophenol
 Concen: 91.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086277.D
 Acq: 18 Apr 2016 12:58

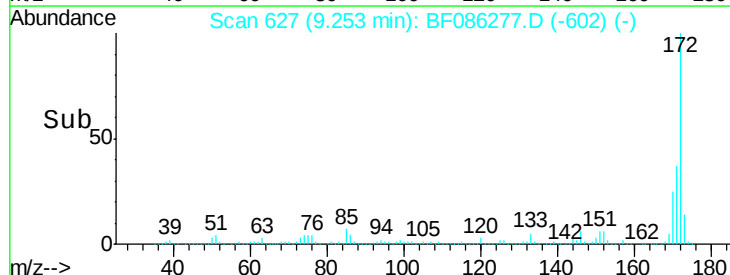
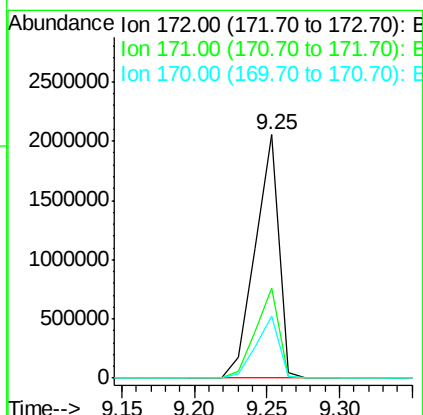
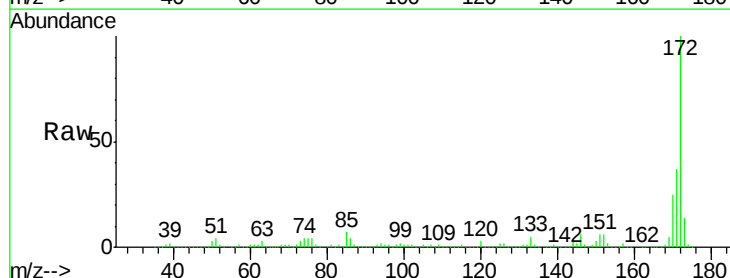
Instrument :
 BNA_F
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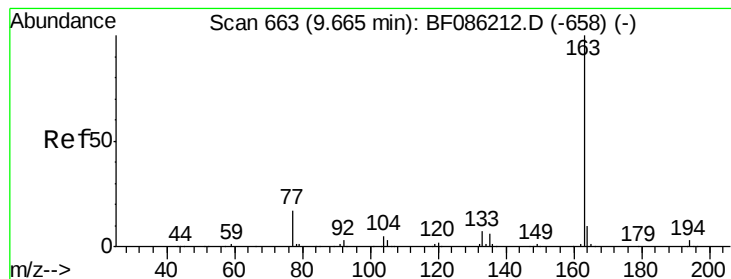
Tgt Ion:330 Resp: 495318
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.7 118.1
 141 46.1 28.6 42.8#



#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





#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

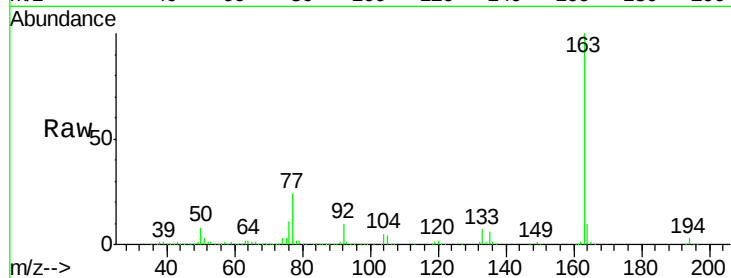
Tgt Ion:163 Resp: 595723

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

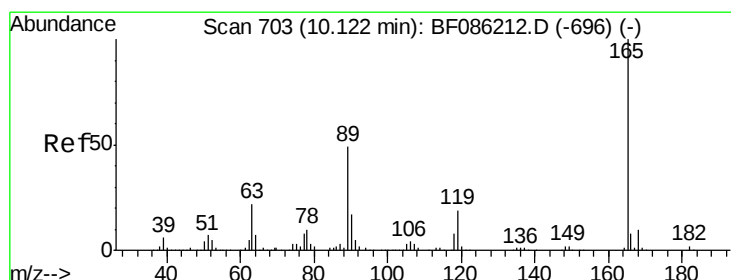
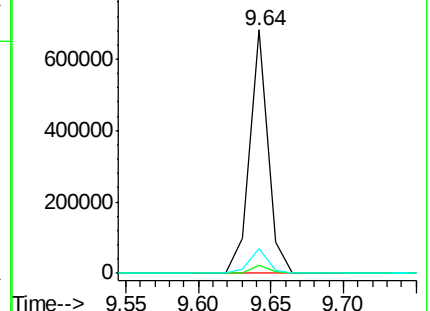
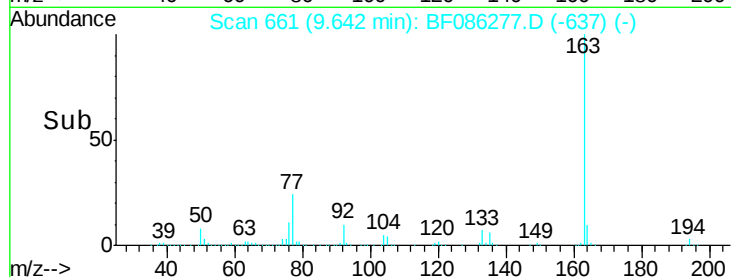
164 10.3 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086277.D

Acq: 18 Apr 2016 12:58

Tgt Ion:165 Resp: 87591

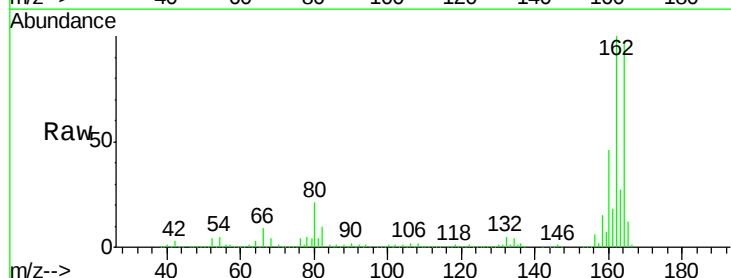
Ion Ratio Lower Upper

165 100

63 1.5 26.6 40.0#

89 1.6 49.5 74.3#

182 0.0 1.9 2.9#

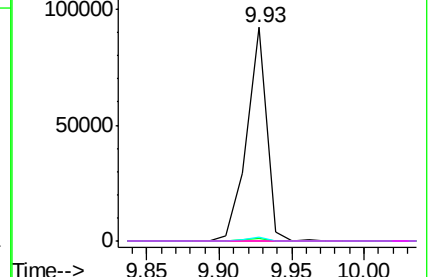
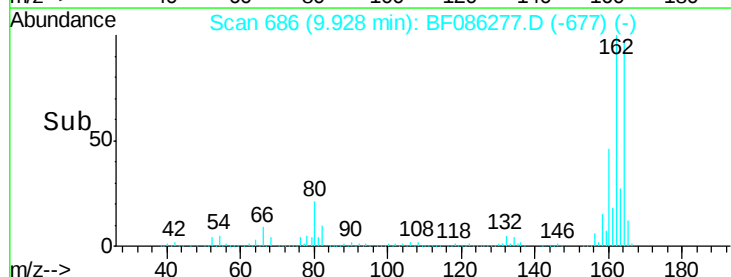


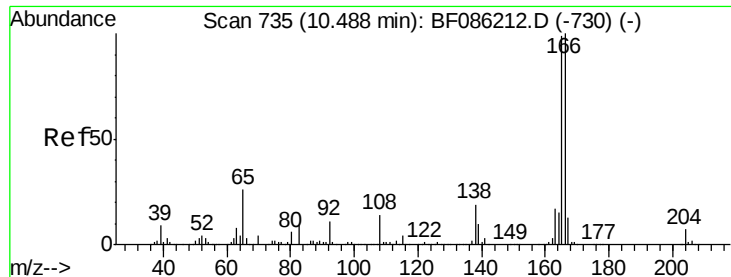
Abundance Ion 165.00 (164.70 to 165.70): E

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

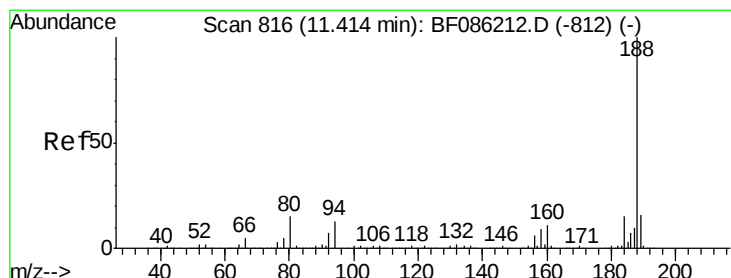
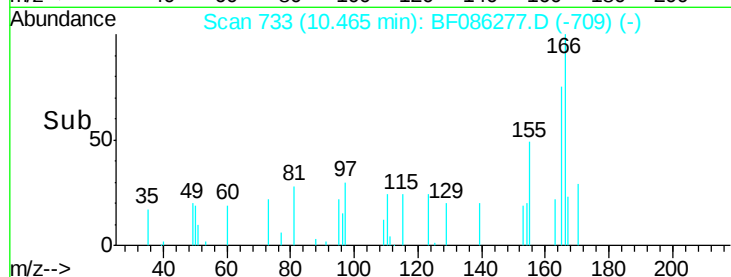
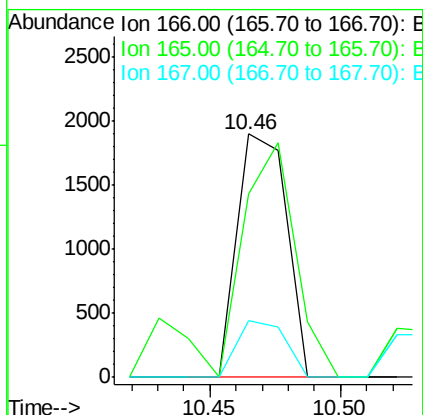
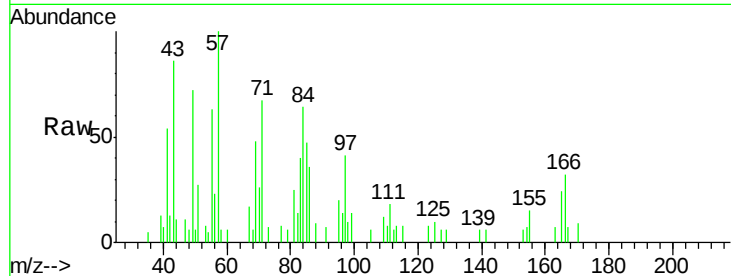




#57
Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF086277.D
 Acq: 18 Apr 2016 12:58

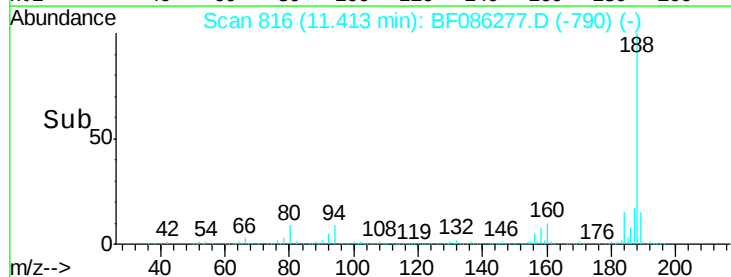
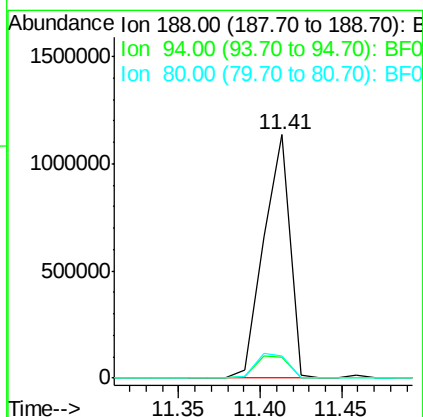
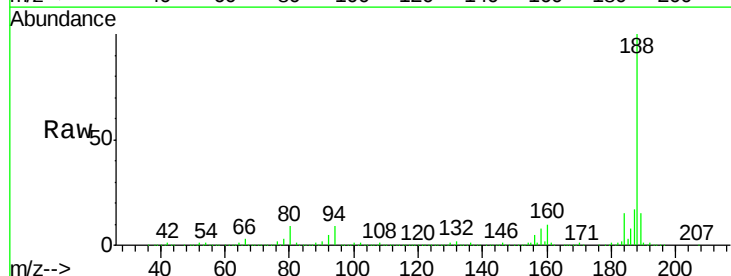
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH8

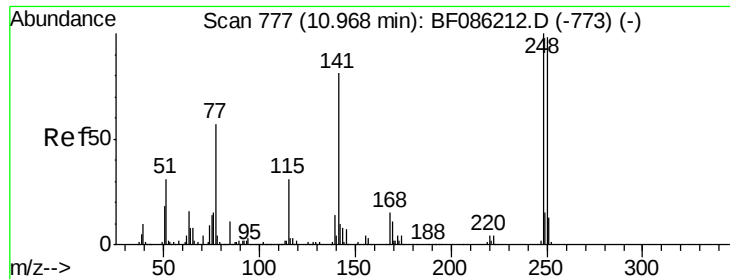
Tgt Ion:166 Resp: 2520
 Ion Ratio Lower Upper
 166 100
 165 75.2 78.6 117.8#
 167 23.3 10.4 15.6#



#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#

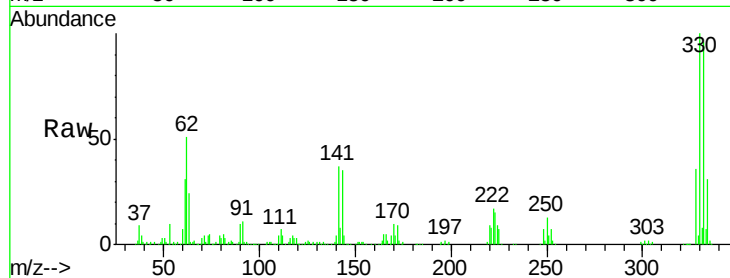




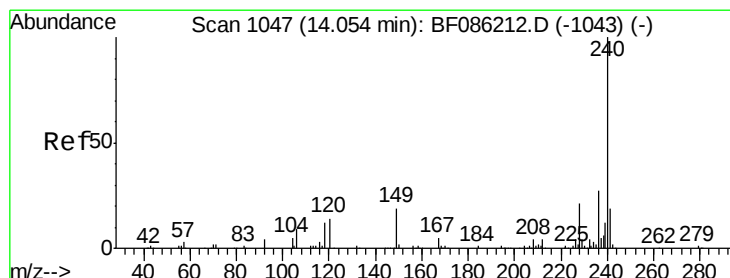
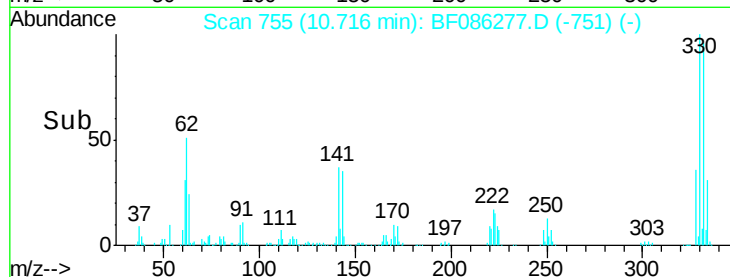
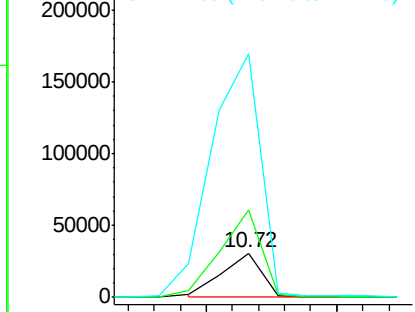
#66
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Instrument :
BNA_F
ClientSampleId :
CDMSH8

Tgt Ion:248 Resp: 32187
Ion Ratio Lower Upper
248 100
250 198.2 78.6 118.0#
141 554.1 57.9 86.9#

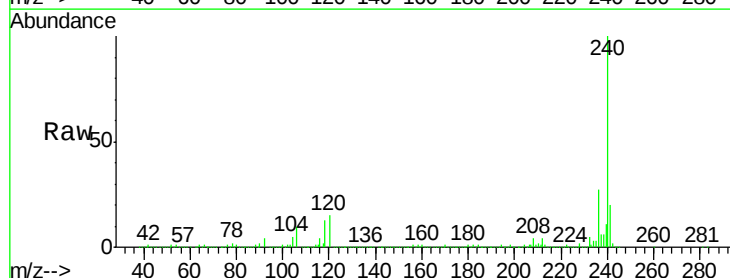


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

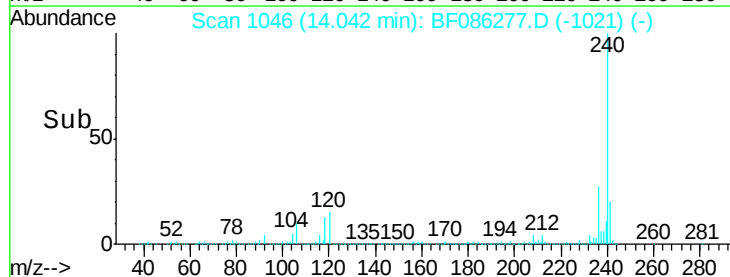
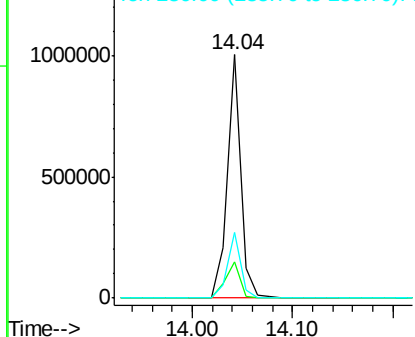


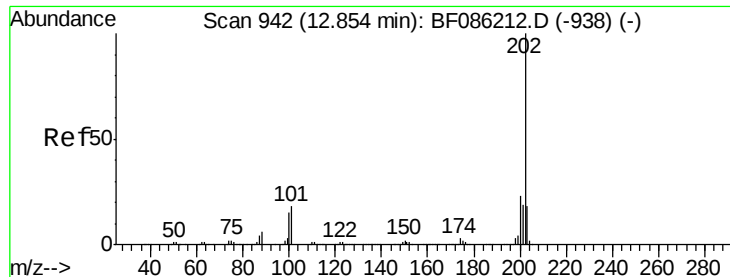
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Tgt 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

Instrument :

BNA_F

ClientSampleId :

CDMSH8

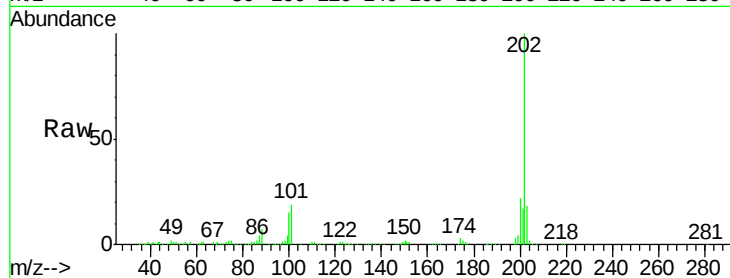
Tgt Ion:202 Resp: 209248

Ion Ratio Lower Upper

202 100

200 22.2 18.3 27.5

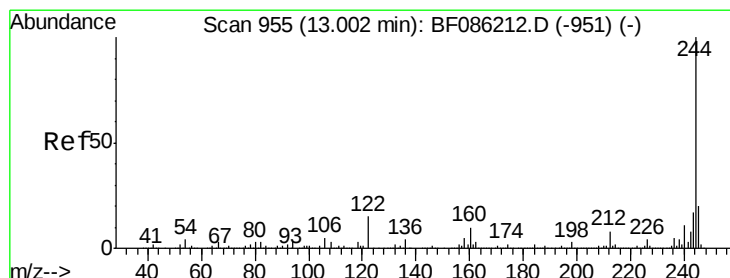
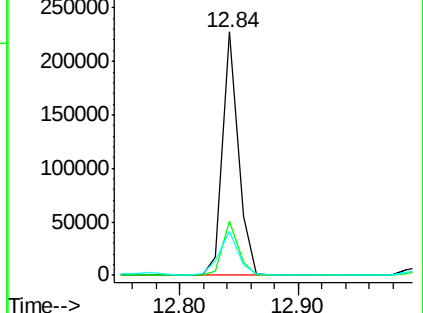
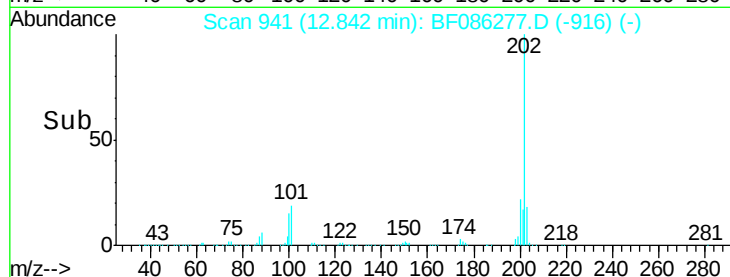
203 17.9 14.9 22.3



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

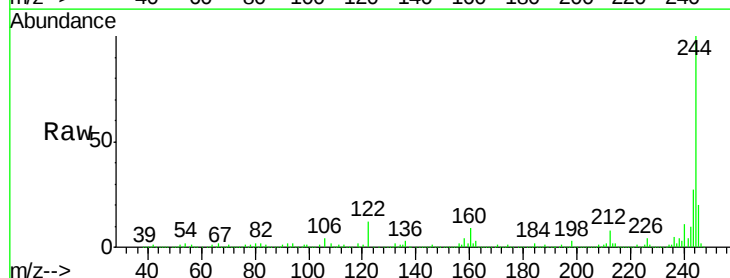
Tgt Ion:244 Resp: 2006757

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

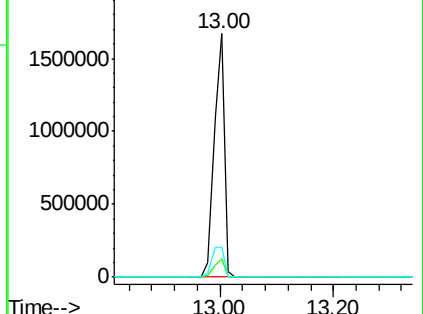
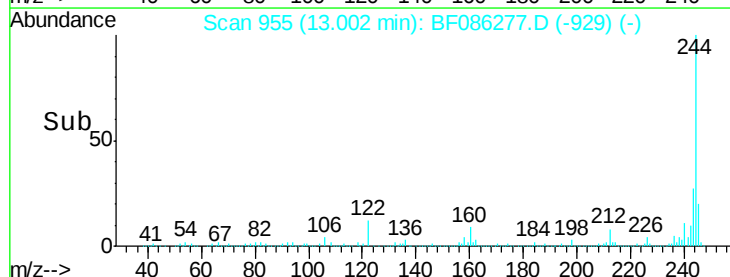
122 12.4 11.7 17.5

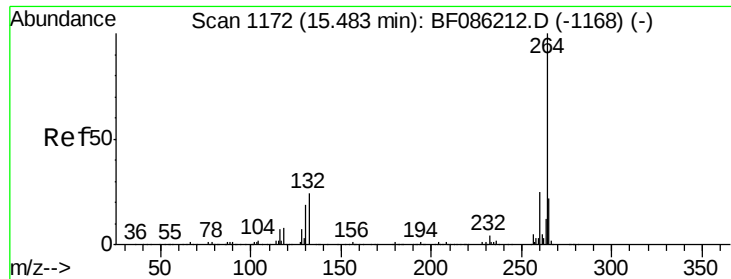


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

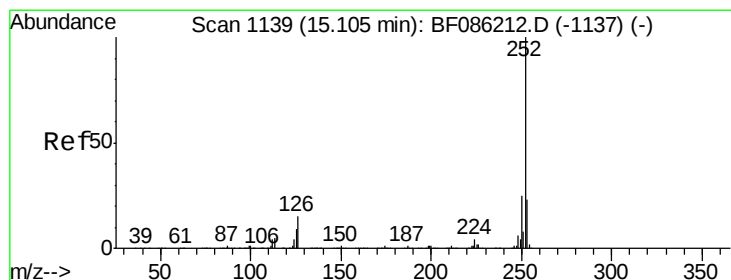
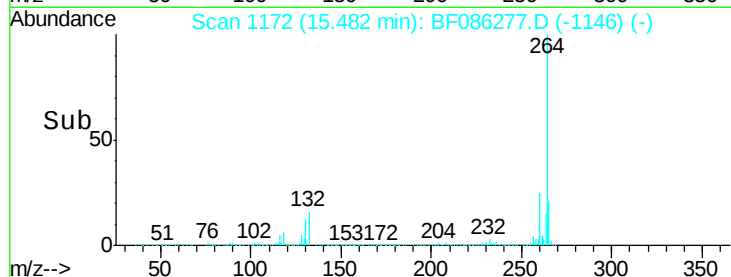
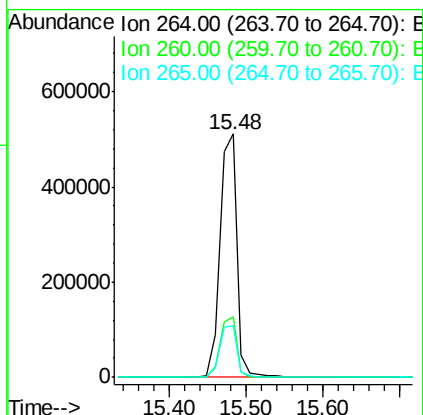
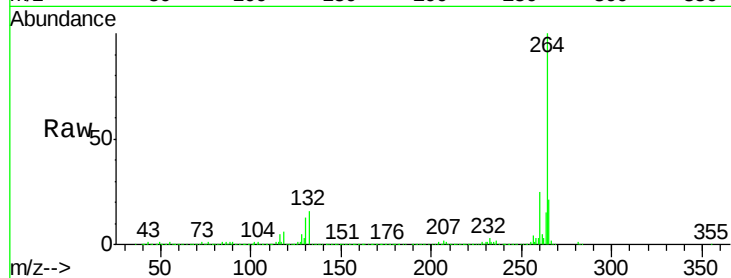




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Instrument :
BNA_F
ClientSampleId :
CDMSH8

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



#88
Benzo(k)fluoranthene
Concen: 2.18 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF086277.D
Acq: 18 Apr 2016 12:58

Tgt Ion:252 Resp: 96871
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 15.3 7.8 11.6#

