

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086265.D
 Acq On : 16 Apr 2016 14:53
 Operator : UM/SJ
 Sample : H2471-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSHDUP

Quant Time: Apr 18 04:11:11 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

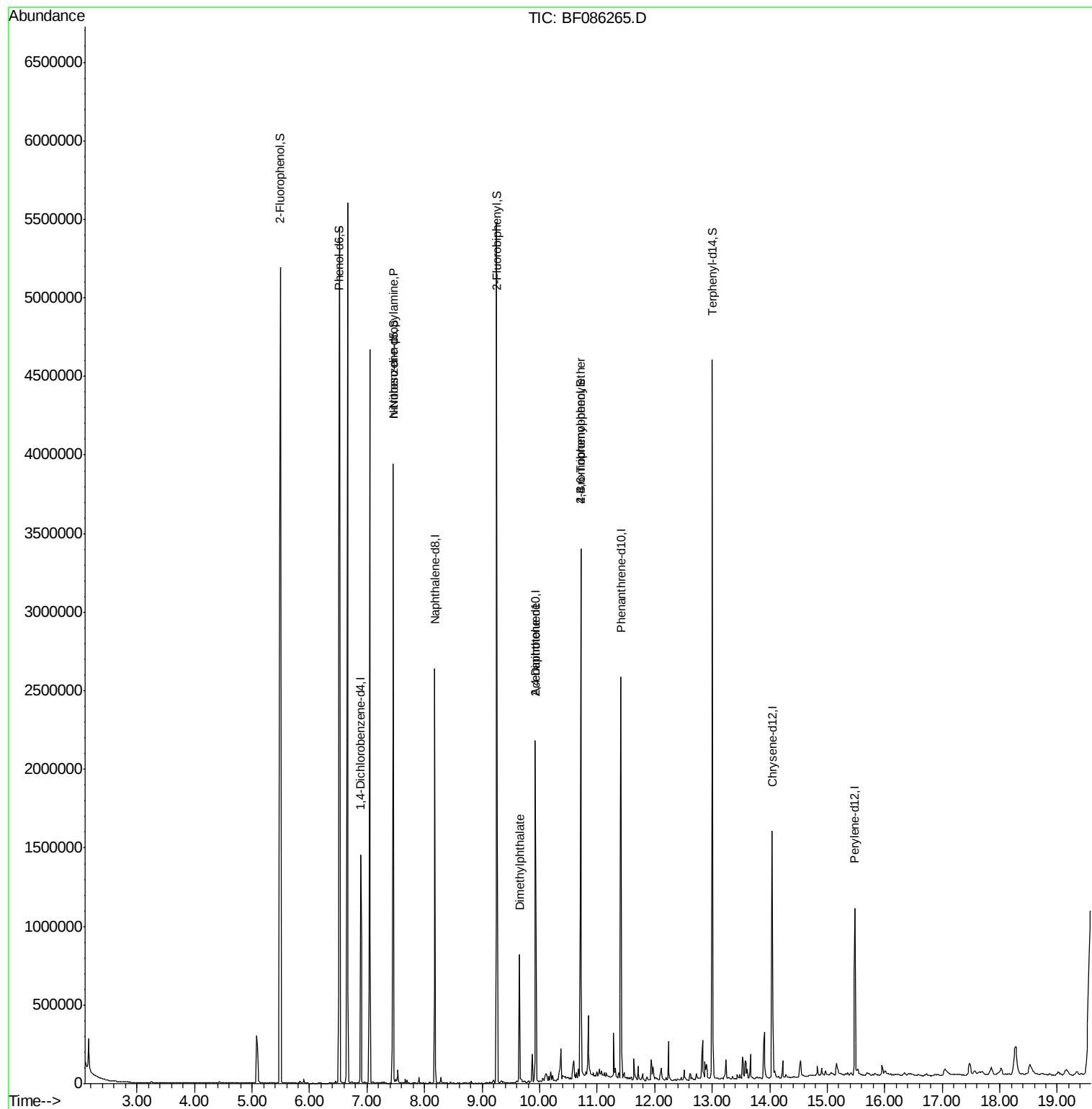
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	272781	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1136949	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	477947	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	853809	20.00	ng	0.00
75) Chrysene-d12	14.04	240	492185	20.00	ng	-0.01
86) Perylene-d12	15.48	264	475901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1754584	105.39	ng	0.01
7) Phenol-d6	6.52	99	2222052	106.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	1522501	77.24	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	380268	99.08	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1867373	72.10	ng	-0.01
78) Terphenyl-d14	13.00	244	1429359	73.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	208095	15.61	ng	# 78
22) Acetophenone	7.30	105	601	Below	Cal	# 73
49) Dimethylphthalate	9.65	163	516659	14.87	ng	98
56) 2,4-Dinitrotoluene	9.93	165	61551	6.25	ng	# 31
57) Fluorene	10.72	166	21346	Below	Cal	# 92
66) 4-Bromophenyl-phenylether	10.72	248	23421	2.94	ng	# 1
71) Anthracene	11.44	178	10333	Below	Cal	97
74) Fluoranthene	12.62	202	17946	Below	Cal	90

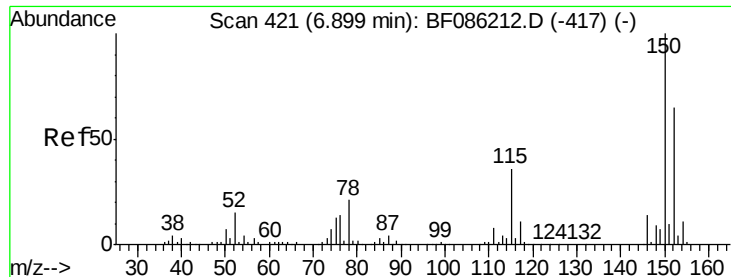
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086265.D

Acq: 16 Apr 2016 14:53

Instrument :

BNA_F

ClientSampleId :

CDMSHDUP

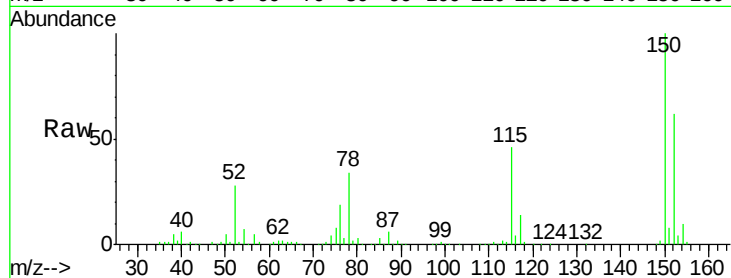
Tgt Ion:152 Resp: 272781

Ion Ratio Lower Upper

152 100

150 160.2 124.1 186.1

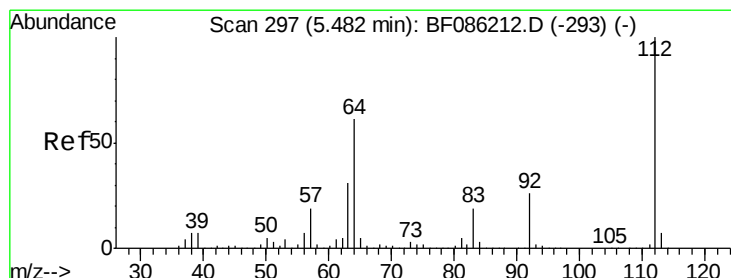
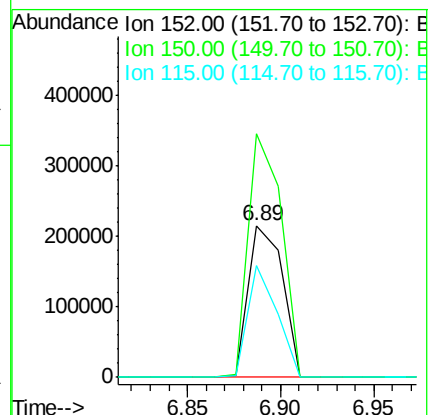
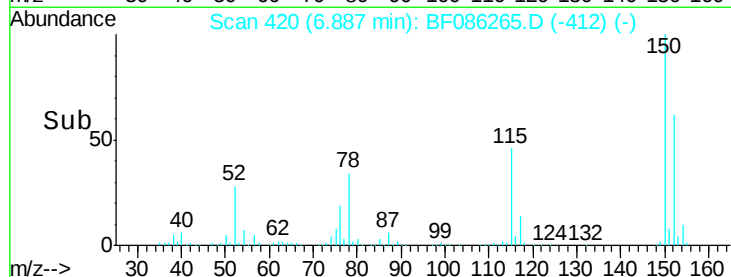
115 73.5 43.9 65.9#



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: 105.39 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

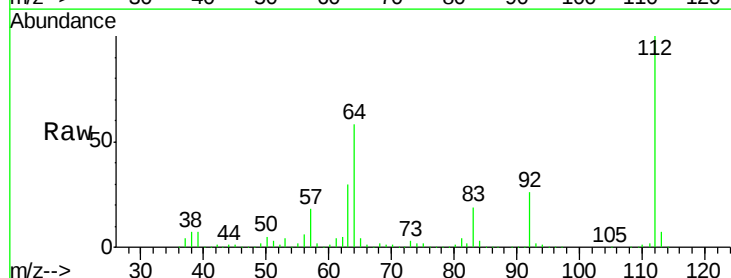
Tgt Ion:112 Resp: 1754584

Ion Ratio Lower Upper

112 100

64 58.3 48.1 72.1

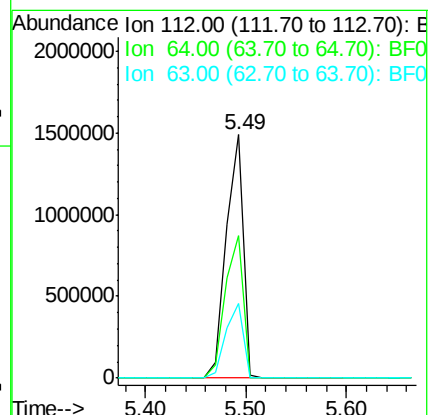
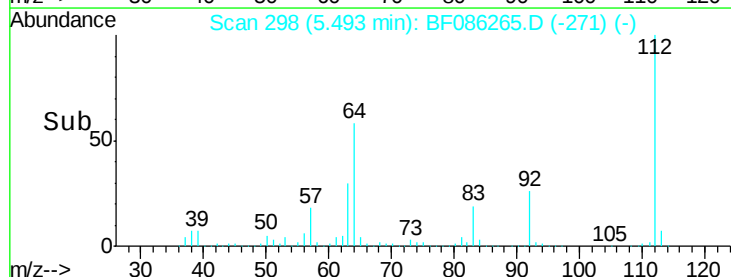
63 30.5 25.5 38.3

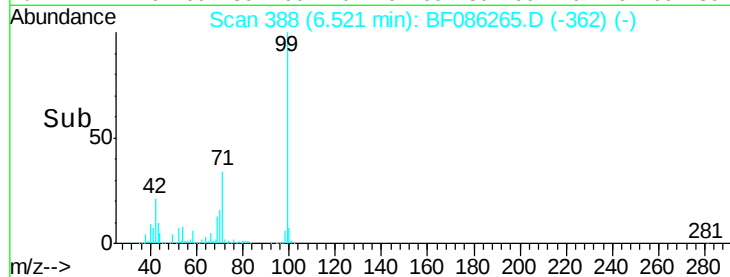
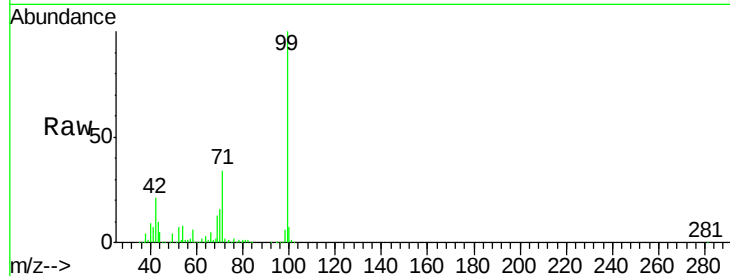
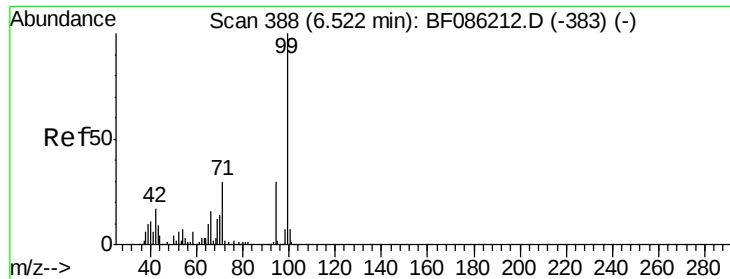


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

Instrument :

BNA_F

ClientSampleId :

CDMSHDUP

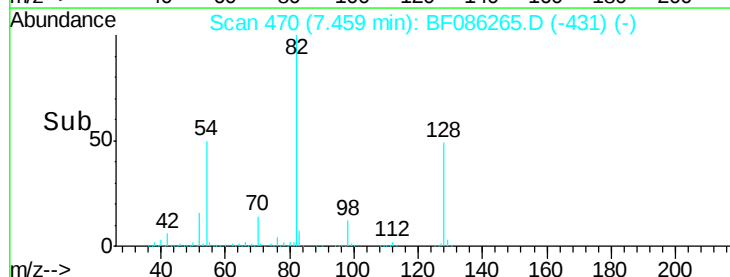
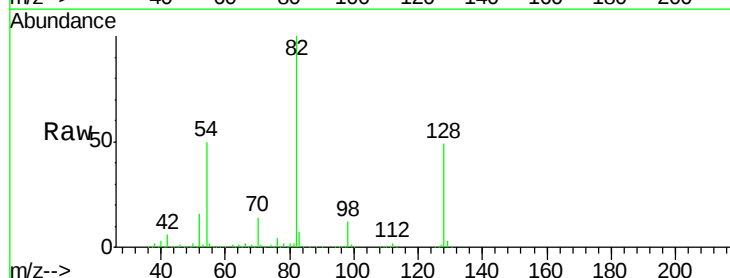
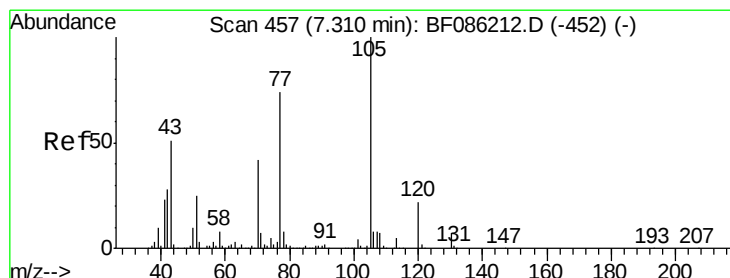
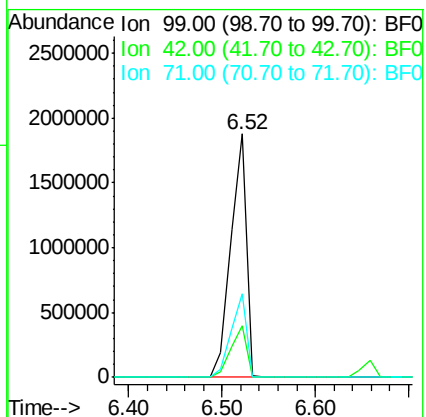
Tgt Ion: 99 Resp: 2222052

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.2

71 34.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.61 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

Tgt Ion: 70 Resp: 208095

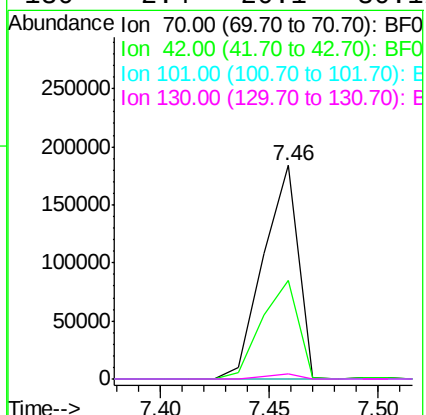
Ion Ratio Lower Upper

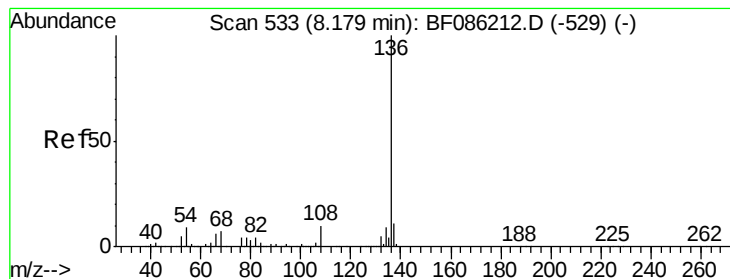
70 100

42 46.0 43.0 64.4

101 0.0 8.1 12.1#

130 2.4 20.1 30.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

Instrument :

BNA_F

ClientSampleId :

CDMSHDUP

Tgt Ion:136 Resp: 1136949

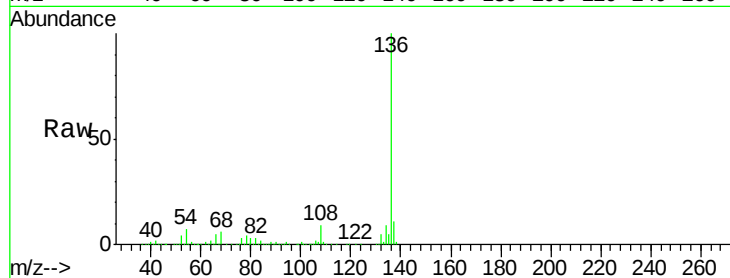
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 7.3 10.9#

68 6.1 5.7 8.5

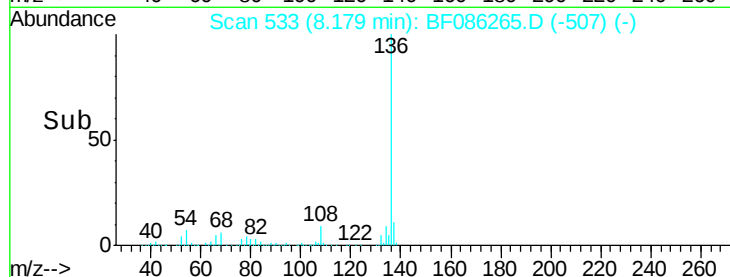


Abundance Ion 136.00 (135.70 to 136.70): E

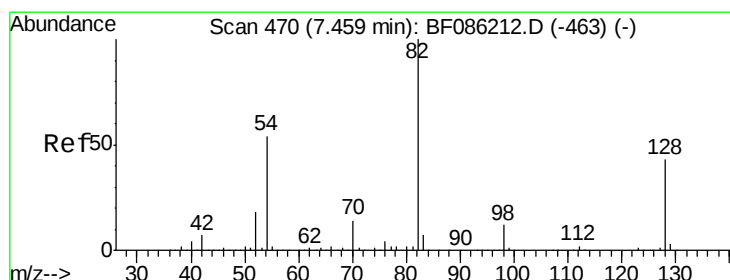
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 77.24 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

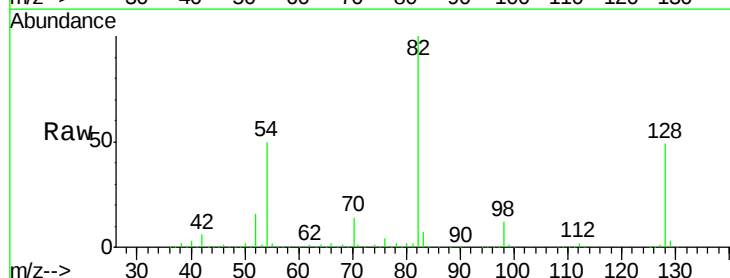
Tgt Ion: 82 Resp: 1522501

Ion Ratio Lower Upper

82 100

128 48.9 35.4 53.2

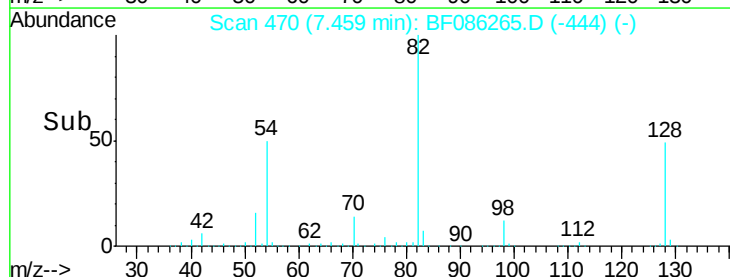
54 49.7 43.4 65.0



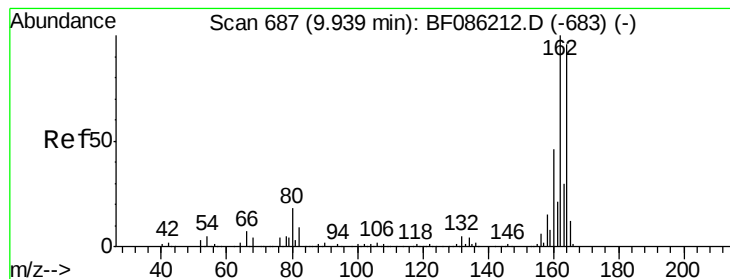
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

Instrument :

BNA_F

ClientSampleId :

CDMSHDUP

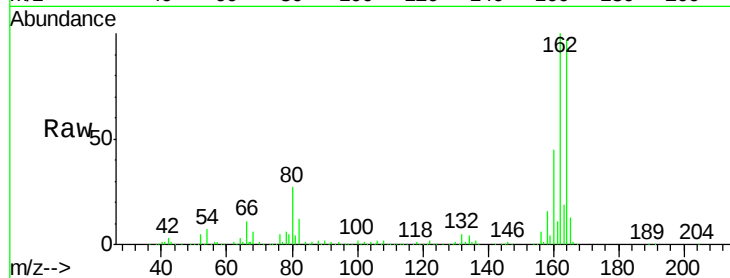
Tgt Ion:164 Resp: 477947

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

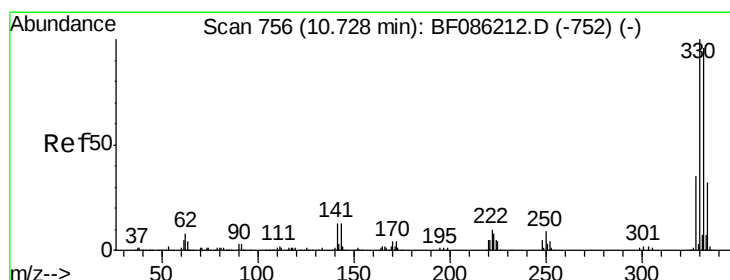
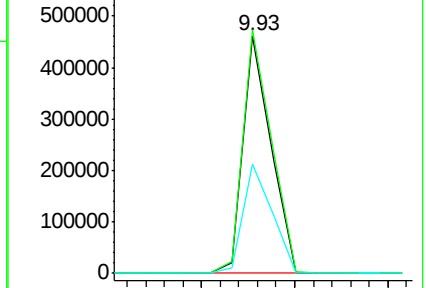
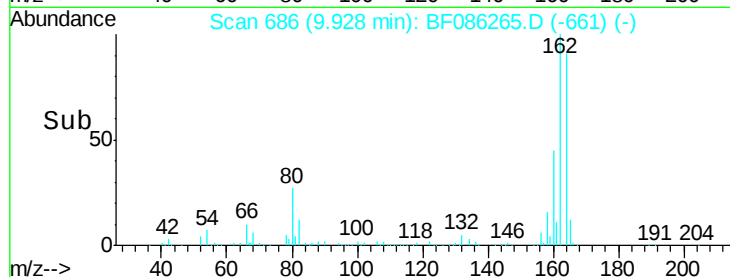
160 46.3 38.9 58.3



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: 99.08 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

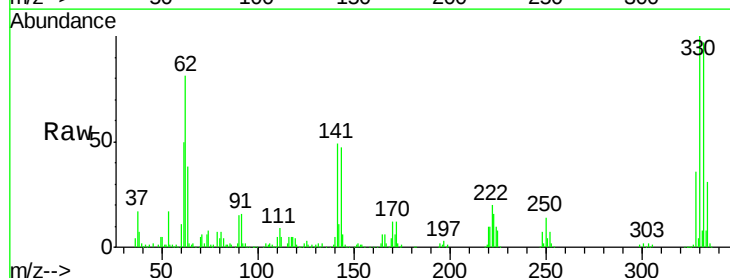
Tgt Ion:330 Resp: 380268

Ion Ratio Lower Upper

330 100

332 97.0 78.7 118.1

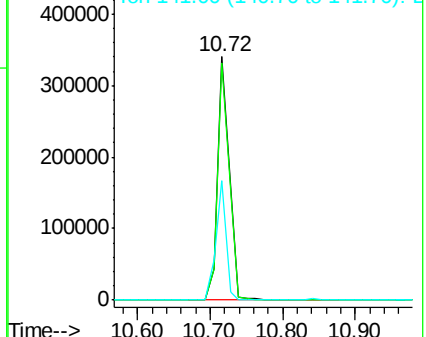
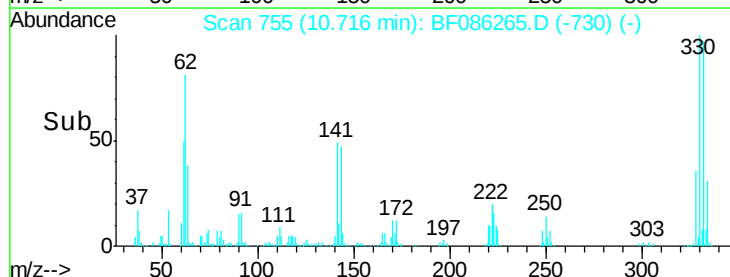
141 43.6 28.6 42.8#

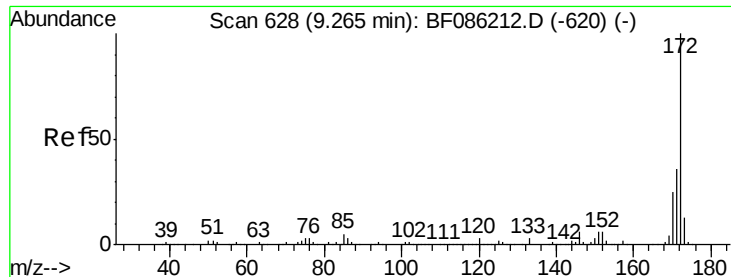


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

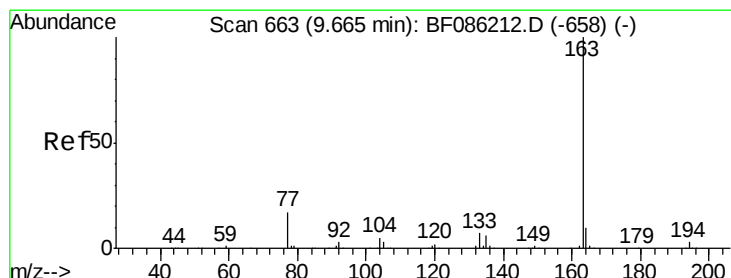
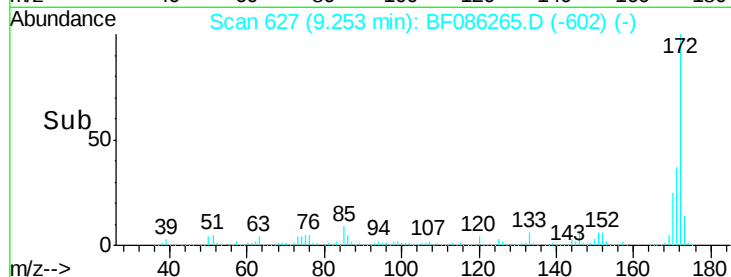
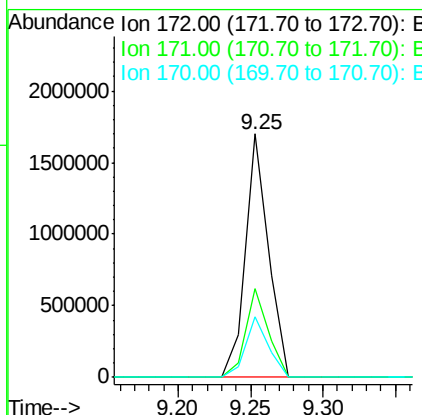
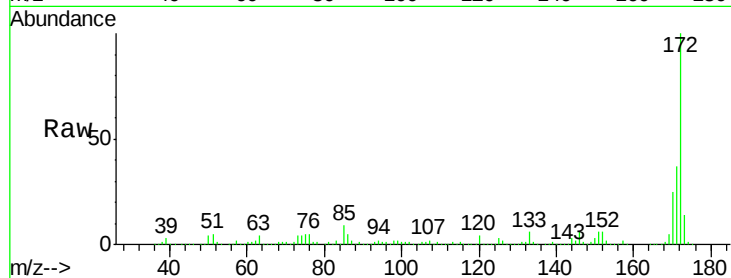




#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086265.D
 Acq: 16 Apr 2016 14:53

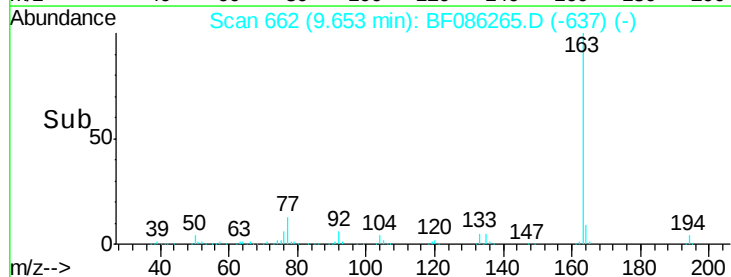
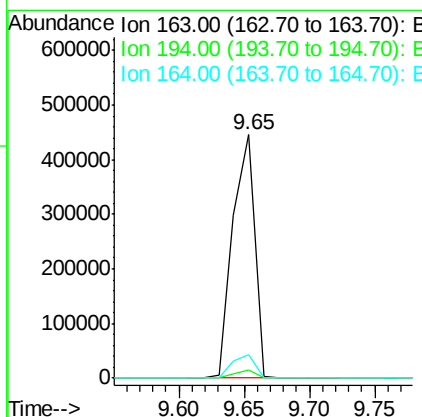
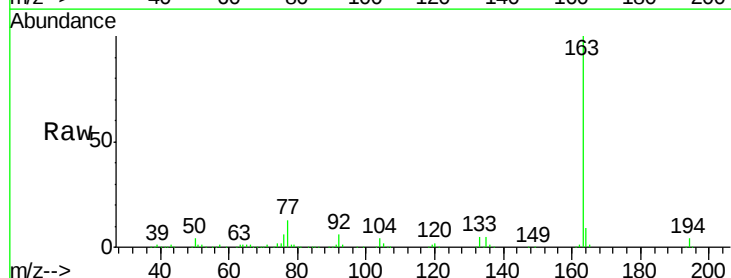
Instrument :
 BNA_F
 ClientSampleId :
 CDMSHDUP

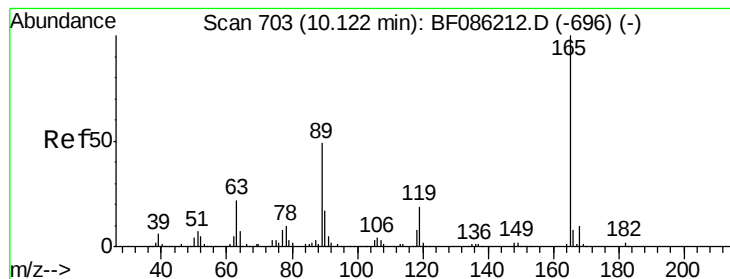
Tgt Ion:172 Resp: 1867373
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.9 19.9 29.9



#49
 Dimethylphthalate
 Concen: 14.87 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086265.D
 Acq: 16 Apr 2016 14:53

Tgt Ion:163 Resp: 516659
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 9.5 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

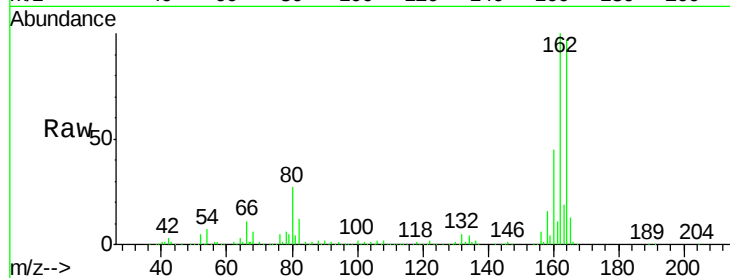
Instrument :

BNA_F

ClientSampleId :

CDMSHDUP

Tgt Ion:	165	Resp:	61551
Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.2	49.5	74.3#
182	0.0	1.9	2.9#

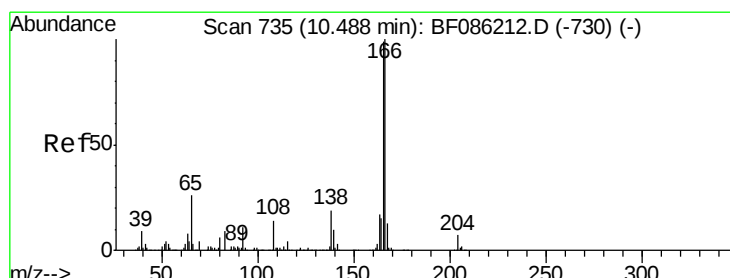
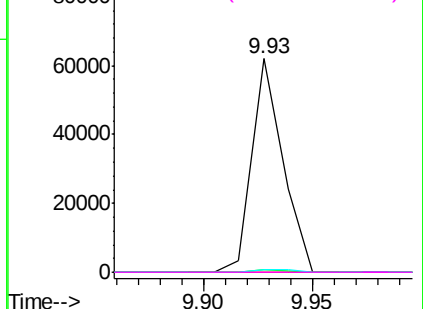
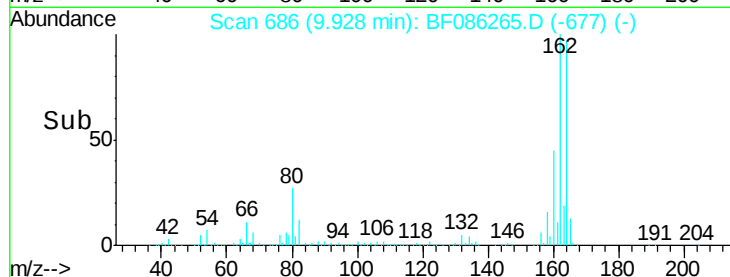


Abundance Ion 165.00 (164.70 to 165.70): E

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

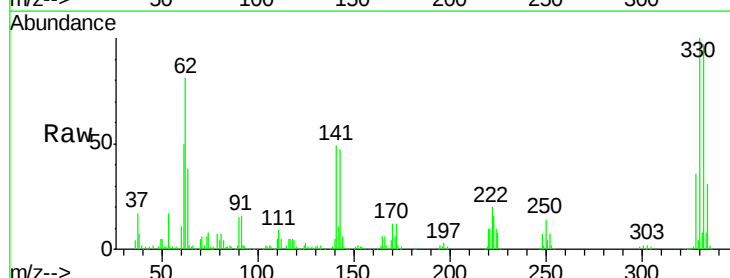
RT: 10.72 min Scan# 755

Delta R.T. 0.23 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

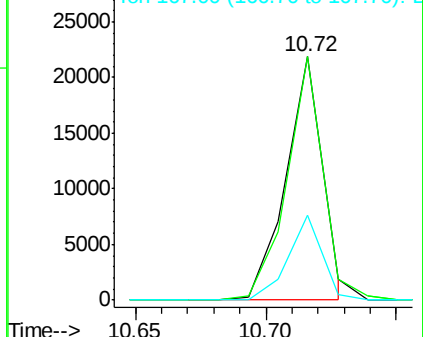
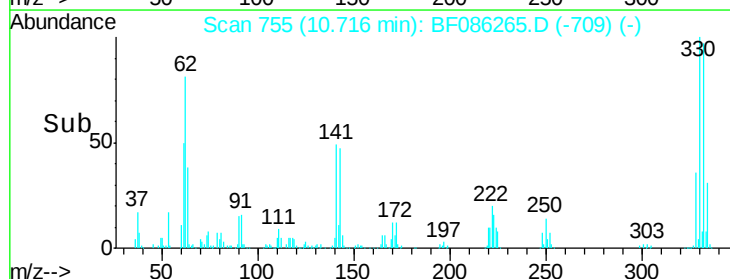
Tgt Ion:	166	Resp:	21346
Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.6	117.8
167	35.0	10.4	15.6#

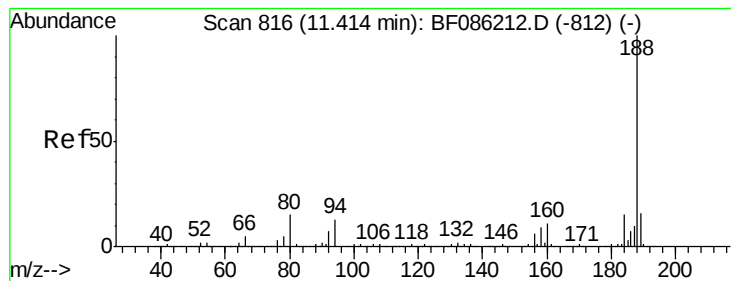


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

Instrument :

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CDMSHDUP

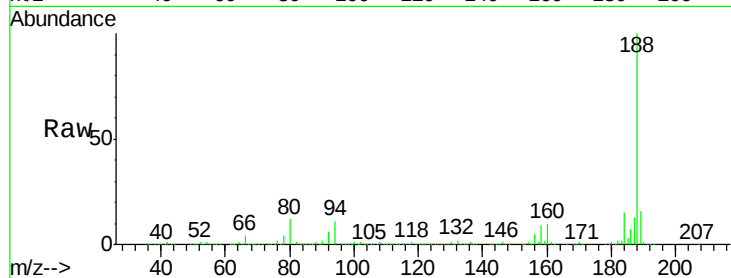
Tgt Ion:188 Resp: 853809

Ion Ratio Lower Upper

188 100

94 11.1 9.8 14.8

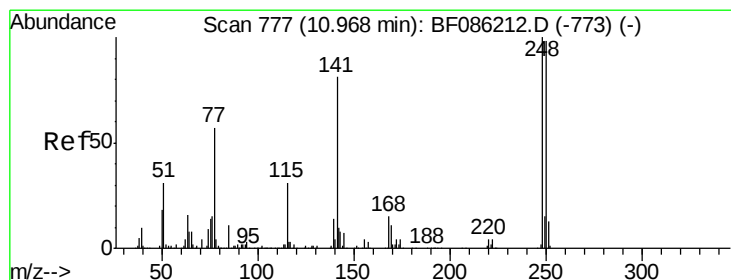
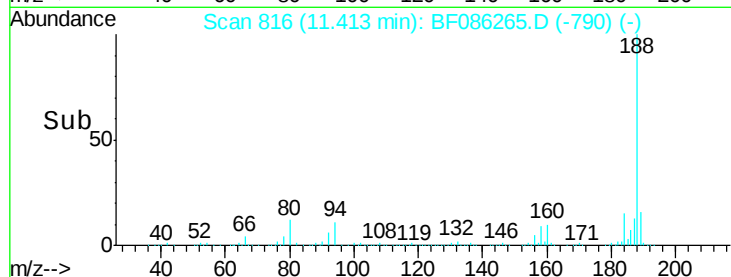
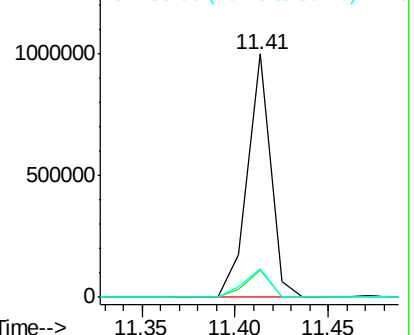
80 11.7 10.5 15.7



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



#66

4-Bromophenyl-phenylether

Concen: 2.94 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

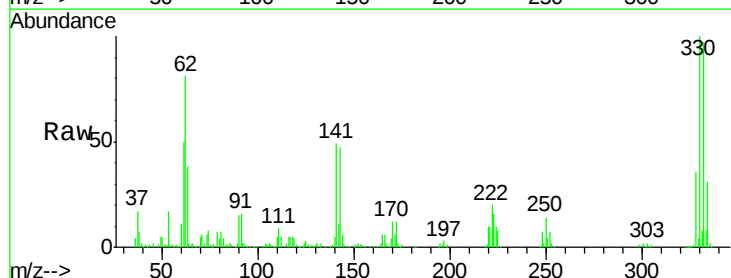
Tgt Ion:248 Resp: 23421

Ion Ratio Lower Upper

248 100

250 204.7 78.6 118.0#

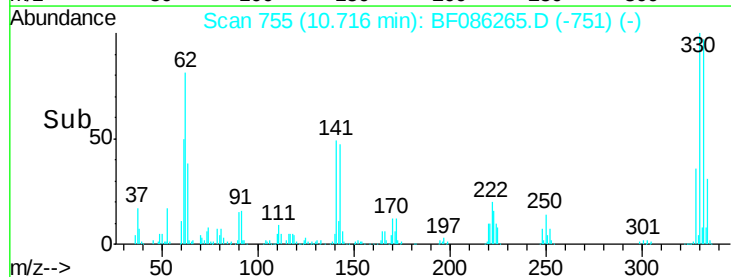
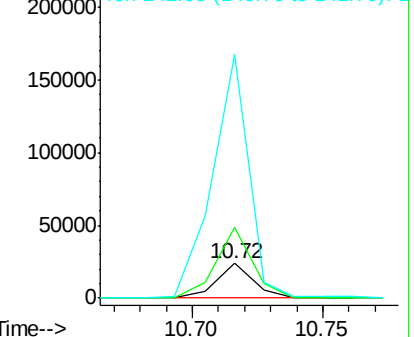
141 708.3 57.9 86.9#

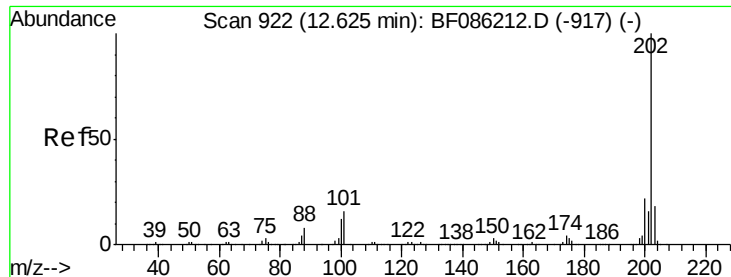


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

Instrument :

BNA_F

ClientSampleId :

CDMSHDUP

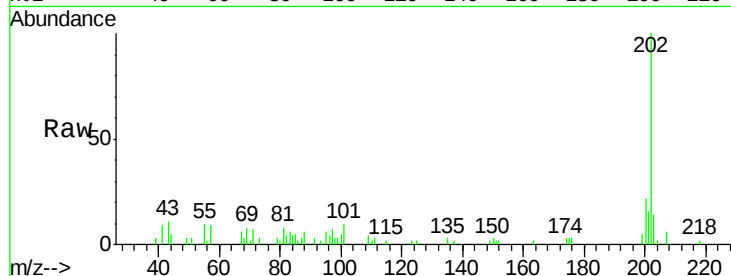
Tgt Ion:202 Resp: 17946

Ion Ratio Lower Upper

202 100

101 10.3 0.0 35.2

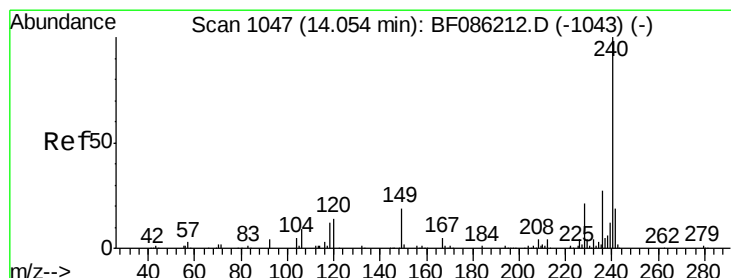
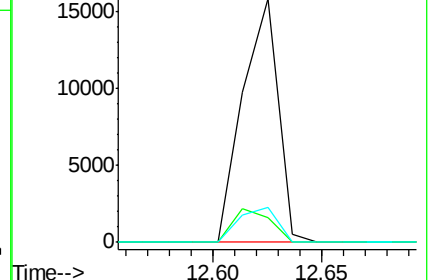
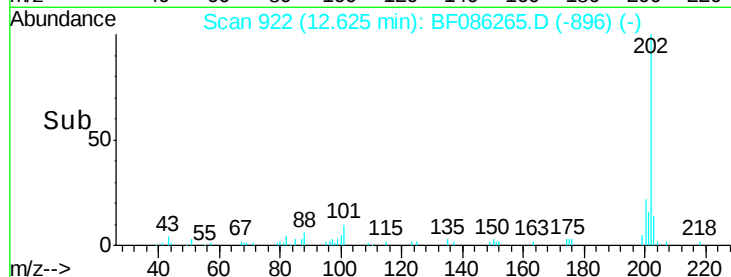
203 14.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086265.D

Acq: 16 Apr 2016 14:53

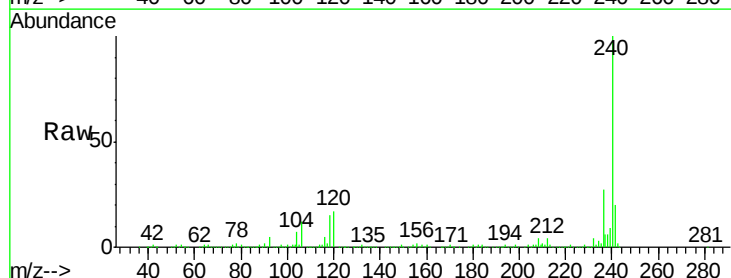
Tgt Ion:240 Resp: 492185

Ion Ratio Lower Upper

240 100

120 17.3 9.3 13.9#

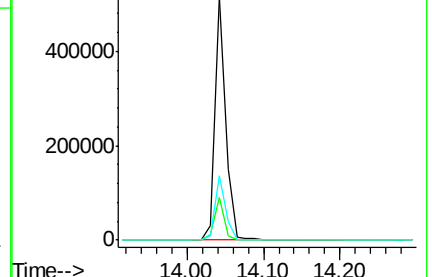
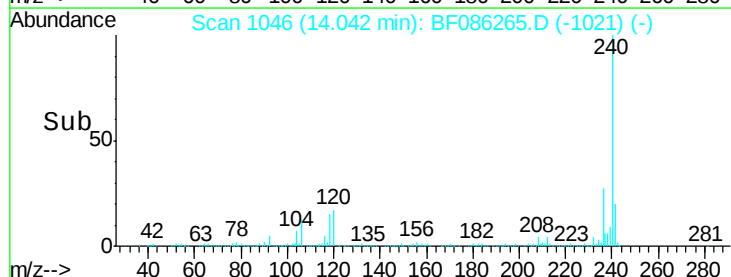
236 26.7 21.1 31.7

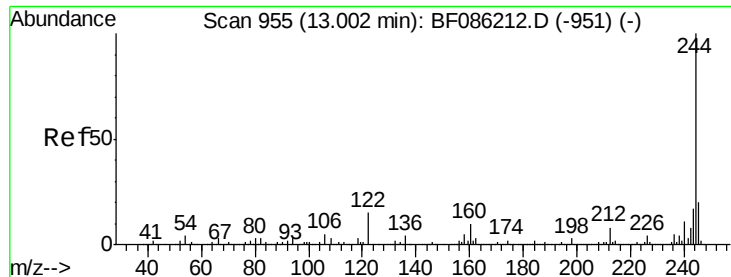


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

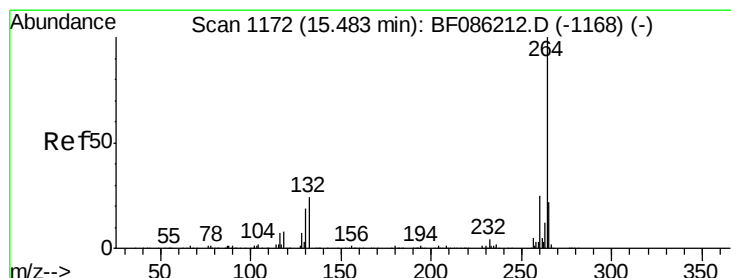
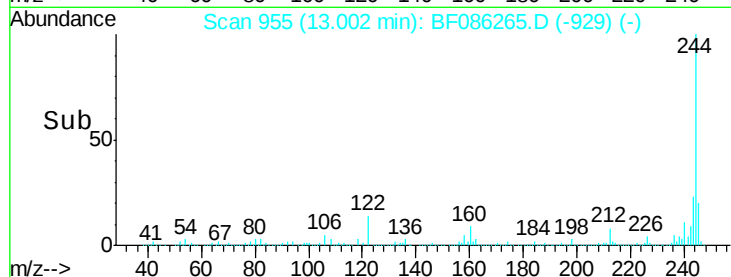
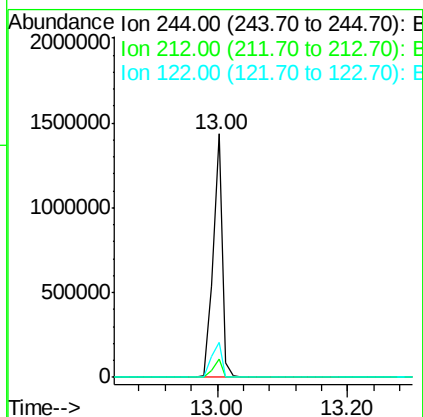
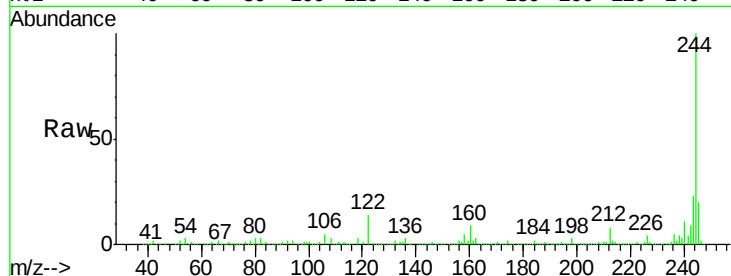




#78
 Terphenyl-d14
 Concen: 73.03 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086265.D
 Acq: 16 Apr 2016 14:53

Instrument :
 BNA_F
 ClientSampleId :
 CDMSHDUP

Tgt Ion:244 Resp: 1429359
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 14.4 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086265.D
 Acq: 16 Apr 2016 14:53

Tgt Ion:264 Resp: 475901
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 22.4 17.4 26.0

