

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086241.D
 Acq On : 16 Apr 2016 3:44
 Operator : UM/SJ
 Sample : H2471-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH7

Quant Time: Apr 16 05:14:44 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

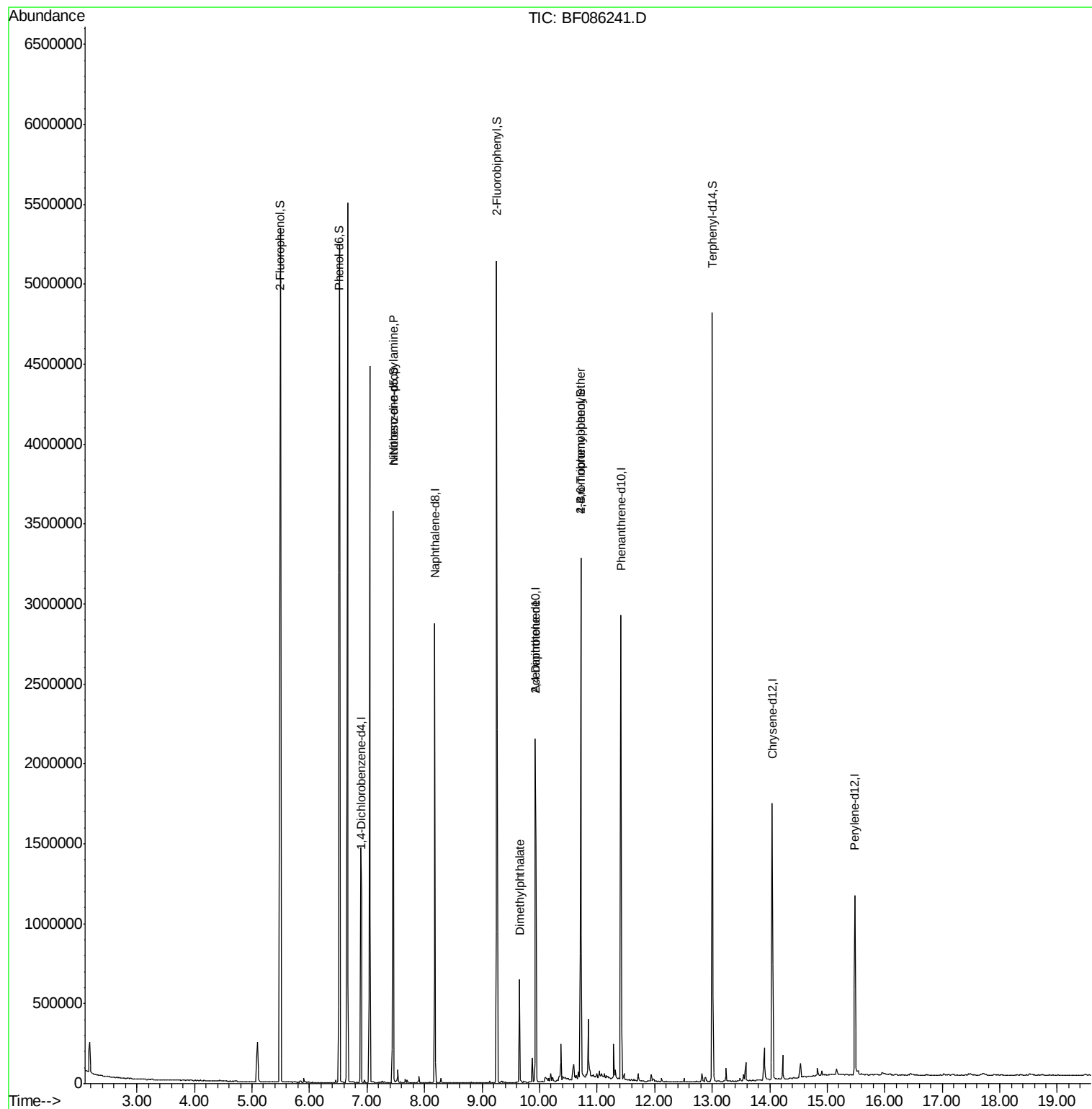
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	303821	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1241412	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	532527	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	951125	20.00	ng	0.00
75) Chrysene-d12	14.04	240	612319	20.00	ng	-0.01
86) Perylene-d12	15.48	264	492248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1582798	85.36	ng	0.01
7) Phenol-d6	6.52	99	2154959	92.91	ng	0.00
23) Nitrobenzene-d5	7.46	82	1459032	67.79	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	387107	90.53	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1891165	65.53	ng	-0.01
78) Terphenyl-d14	13.00	244	1475603	60.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	198773	13.39	ng	# 75
22) Acetophenone	7.30	105	328	Below	Cal	# 1
49) Dimethylphthalate	9.65	163	361099	9.33	ng	98
56) 2,4-Dinitrotoluene	9.93	165	67467	6.15	ng	# 31
57) Fluorene	10.72	166	19890	Below	Cal	# 93
66) 4-Bromophenyl-phenylether	10.72	248	23353	2.63	ng	# 1
71) Anthracene	11.48	178	566	Below	Cal	# 59
74) Fluoranthene	12.63	202	2232	Below	Cal	76

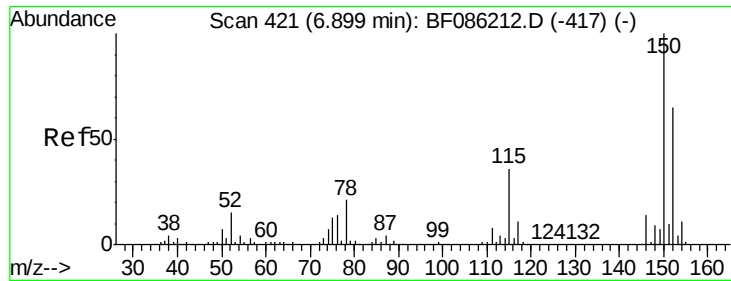
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

CDMSH7

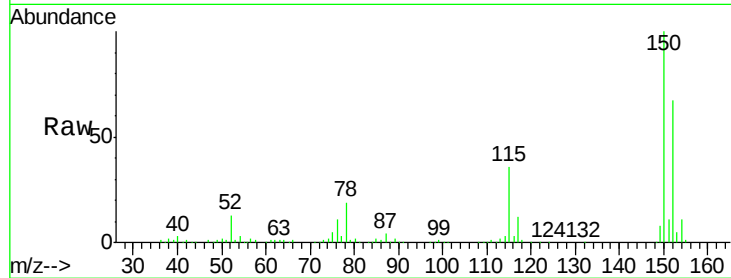
Tgt Ion:152 Resp: 303821

Ion Ratio Lower Upper

152 100

150 150.4 124.1 186.1

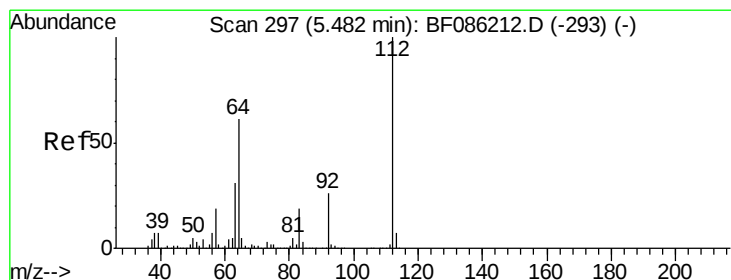
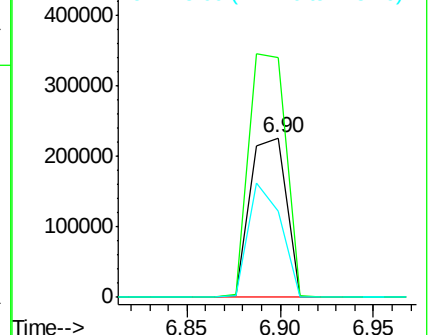
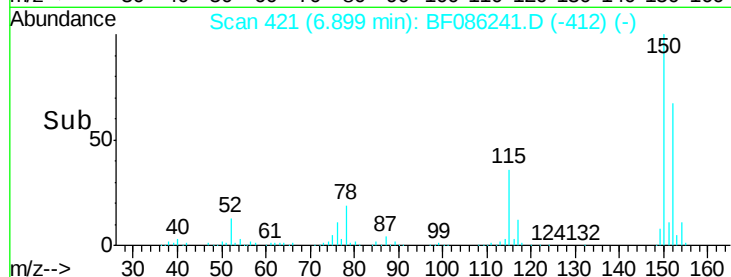
115 53.8 43.9 65.9



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: 85.36 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

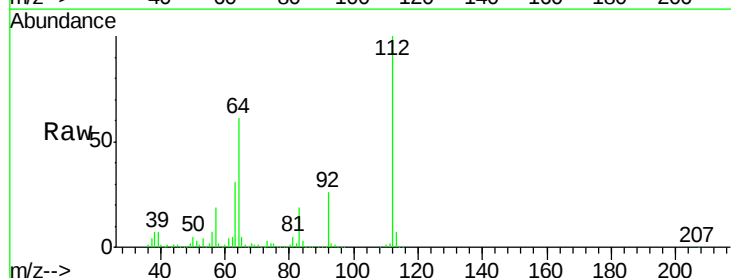
Tgt Ion:112 Resp: 1582798

Ion Ratio Lower Upper

112 100

64 61.2 48.1 72.1

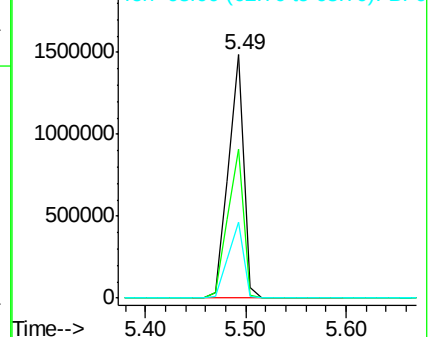
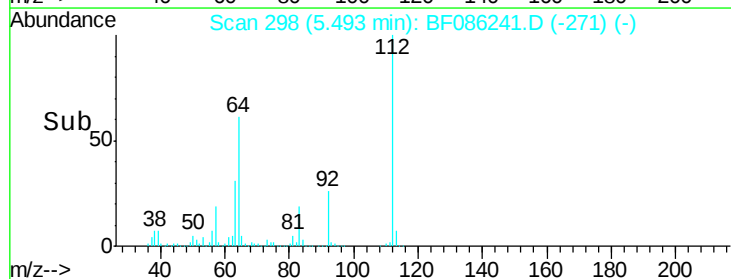
63 31.2 25.5 38.3

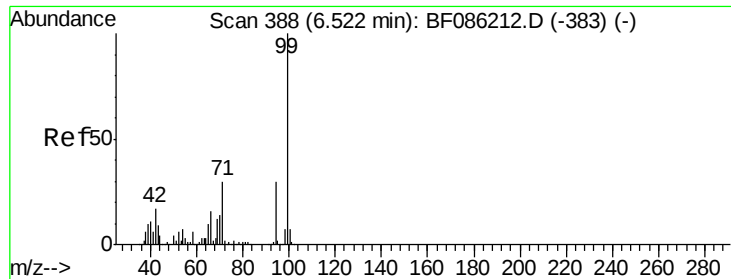


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.91 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

CDMSH7

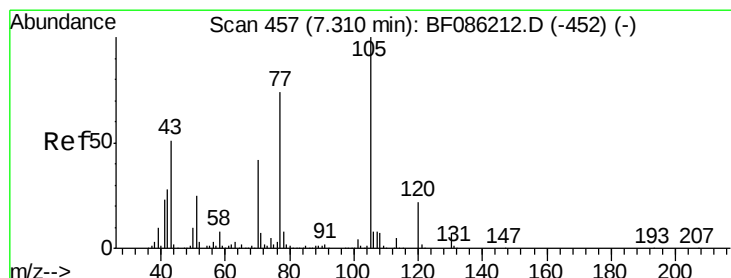
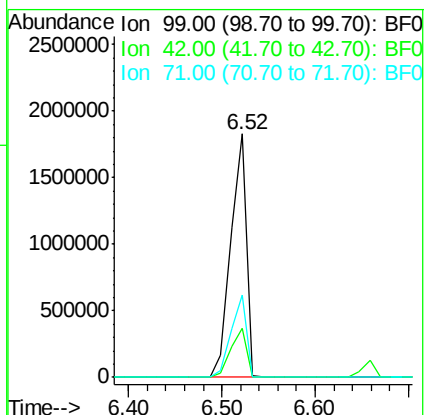
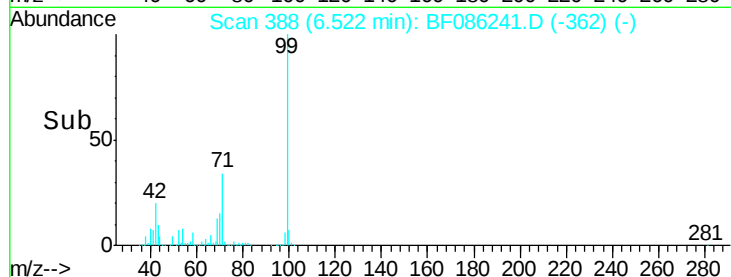
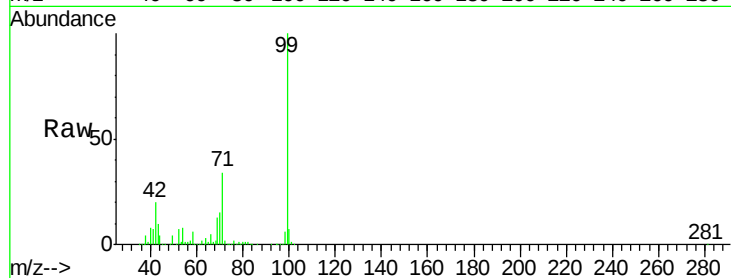
Tgt Ion: 99 Resp: 2154959

Ion Ratio Lower Upper

99 100

42 20.2 15.4 23.2

71 33.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.39 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

Tgt Ion: 70 Resp: 198773

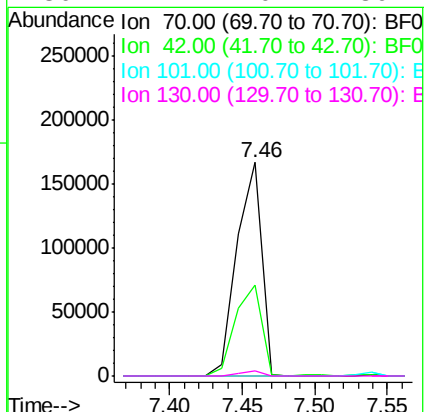
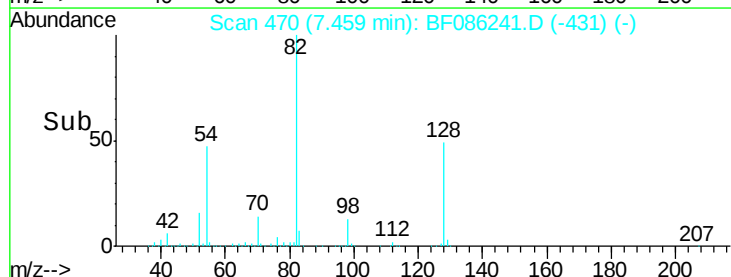
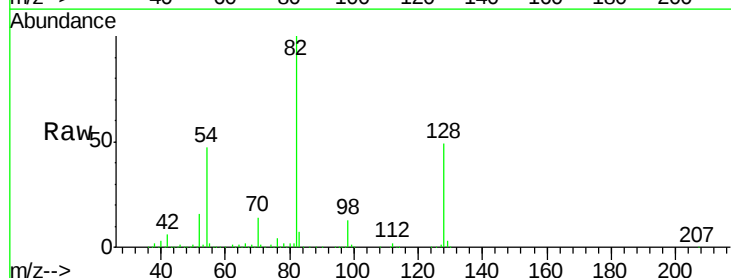
Ion Ratio Lower Upper

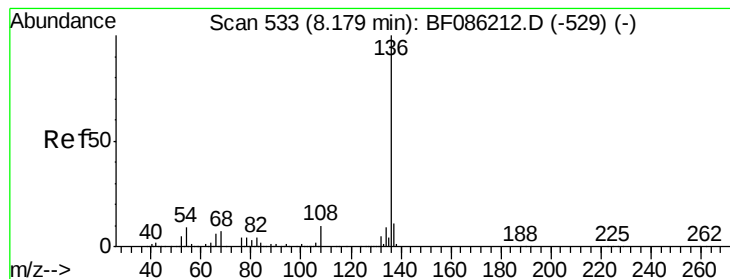
70 100

42 42.8 43.0 64.4#

101 0.0 8.1 12.1#

130 2.2 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: BF086241.D

Acq: 16 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

CDMSH7

Tgt Ion:136 Resp: 1241412

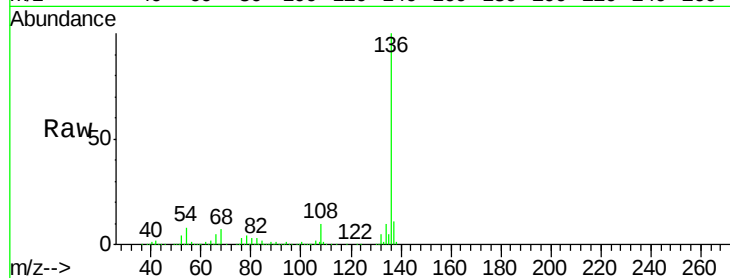
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 7.3 10.9

68 6.6 5.7 8.5

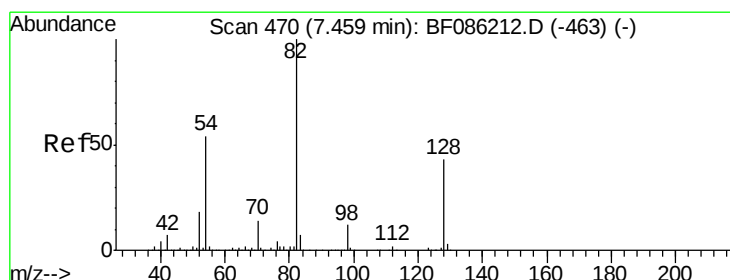
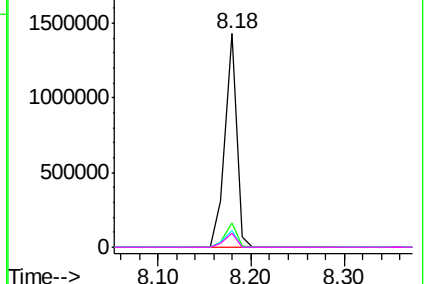
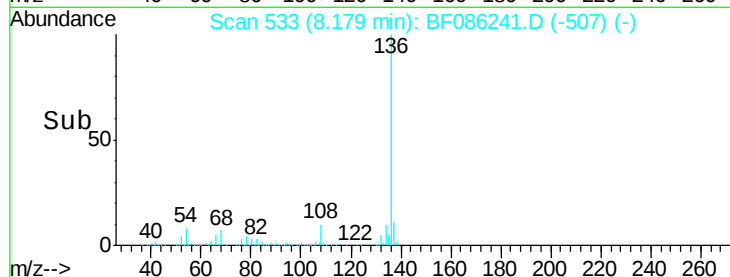


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.79 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

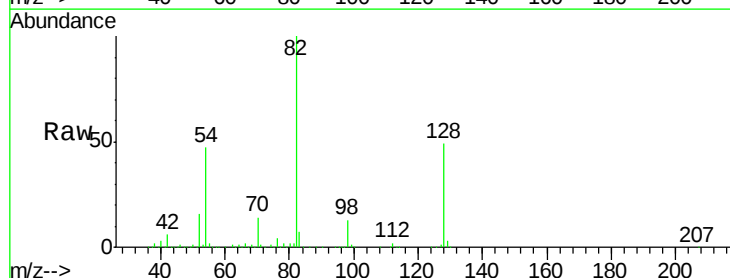
Tgt Ion: 82 Resp: 1459032

Ion Ratio Lower Upper

82 100

128 48.7 35.4 53.2

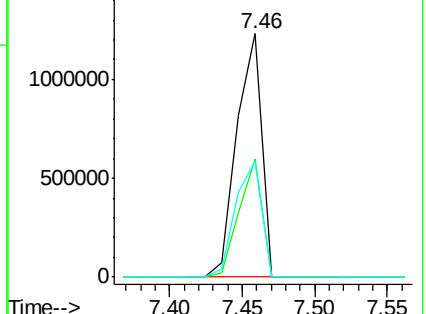
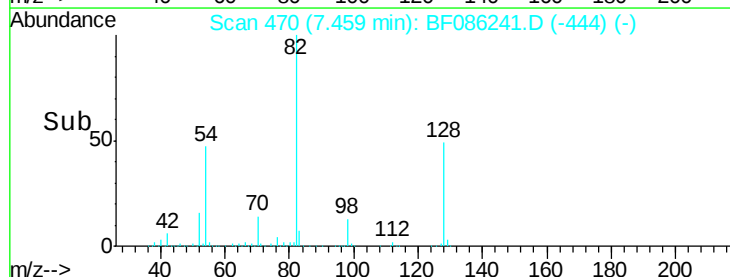
54 47.3 43.4 65.0

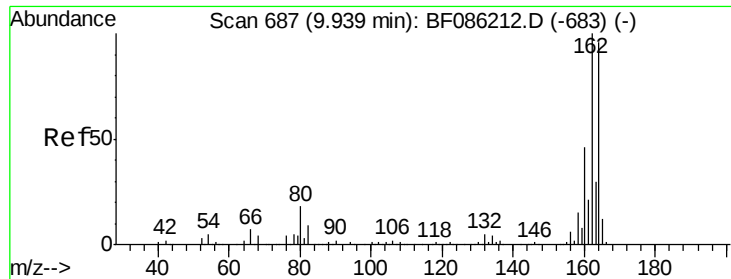


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

CDMSH7

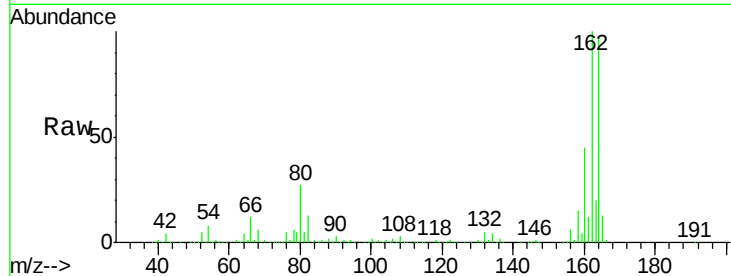
Tgt Ion:164 Resp: 532527

Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

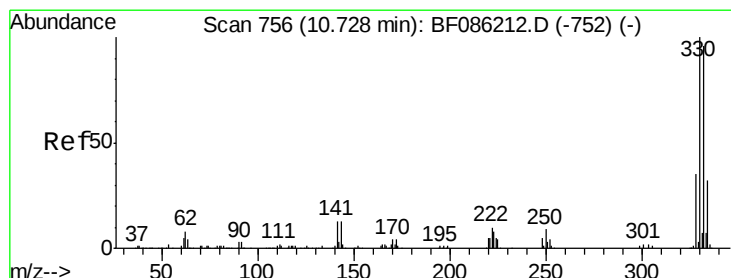
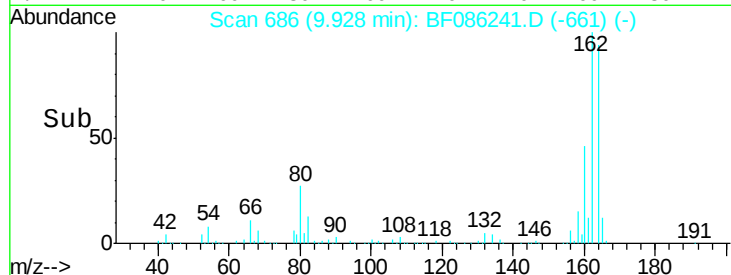
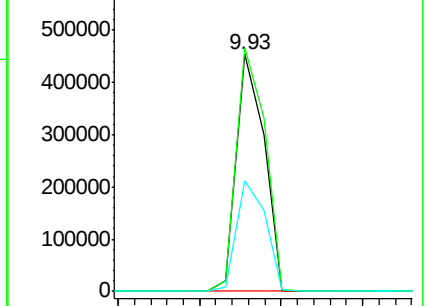
160 46.7 38.9 58.3



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: 90.53 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

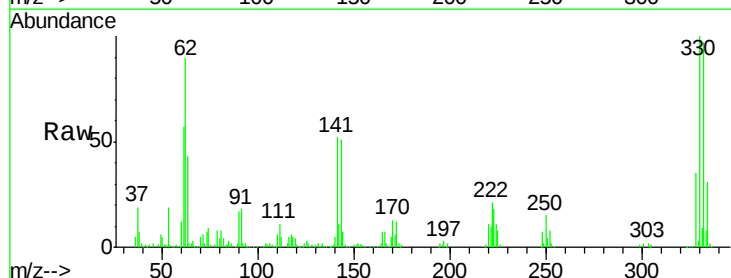
Tgt Ion:330 Resp: 387107

Ion Ratio Lower Upper

330 100

332 98.4 78.7 118.1

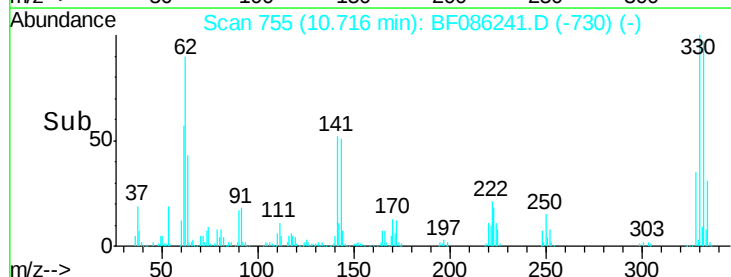
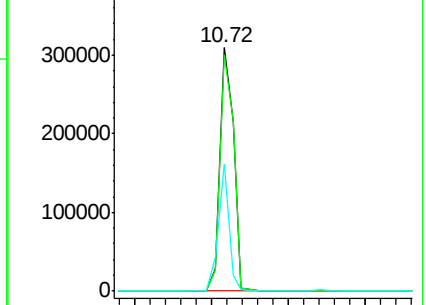
141 40.9 28.6 42.8

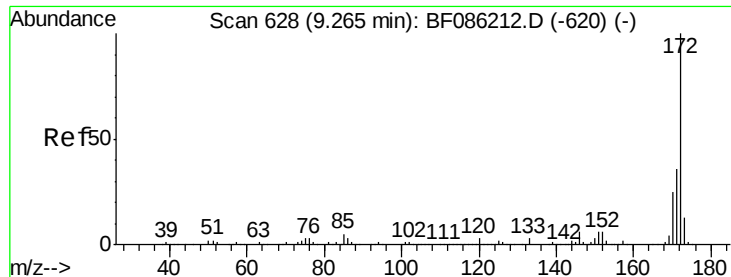


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

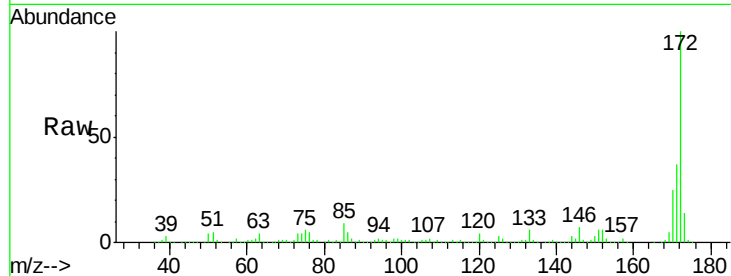




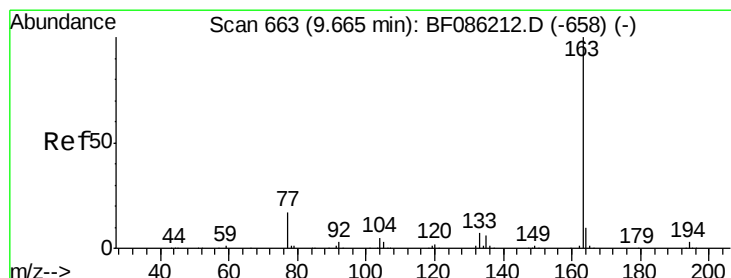
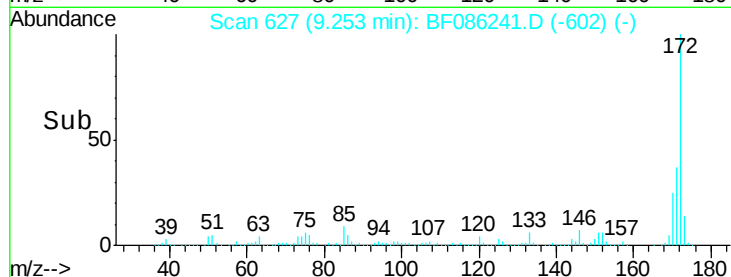
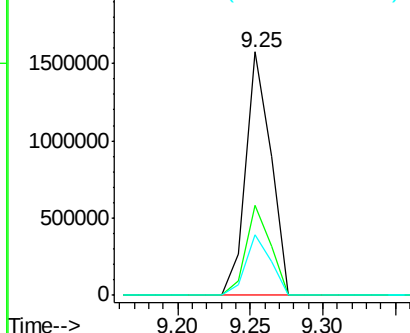
#44
 2-Fluorobiphenyl
 Concen: 65.53 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086241.D
 Acq: 16 Apr 2016 3:44

Instrument :
 BNA_F
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 CDMSH7

Tgt Ion:172 Resp: 1891165
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.1 43.7
 170 25.0 19.9 29.9

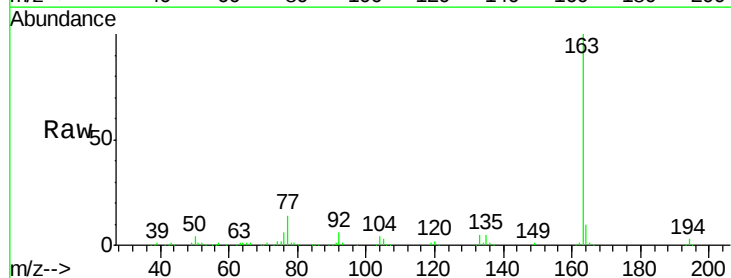


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

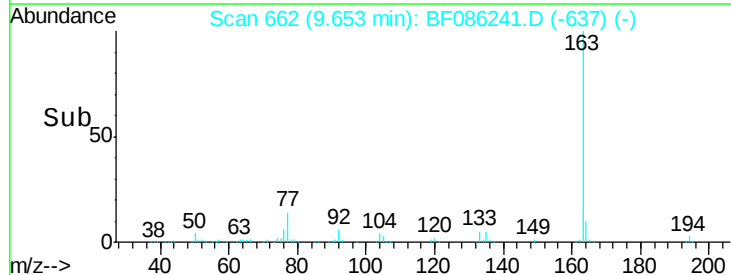
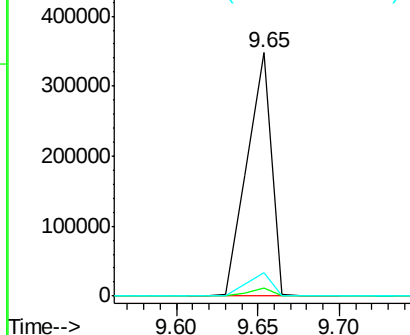


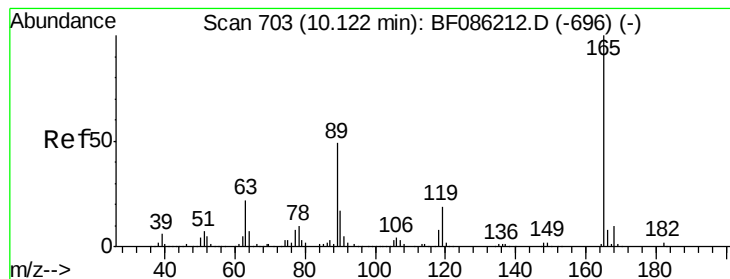
#49
 Dimethylphthalate
 Concen: 9.33 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086241.D
 Acq: 16 Apr 2016 3:44

Tgt Ion:163 Resp: 361099
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 9.7 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: 6.15 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

CDMSH7

Tgt Ion:165 Resp: 67467

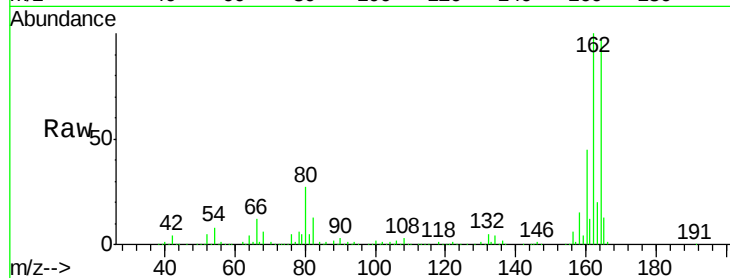
Ion Ratio Lower Upper

165 100

63 1.4 26.6 40.0#

89 1.9 49.5 74.3#

182 0.0 1.9 2.9#

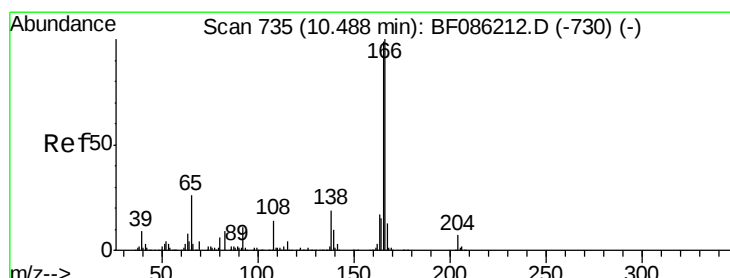
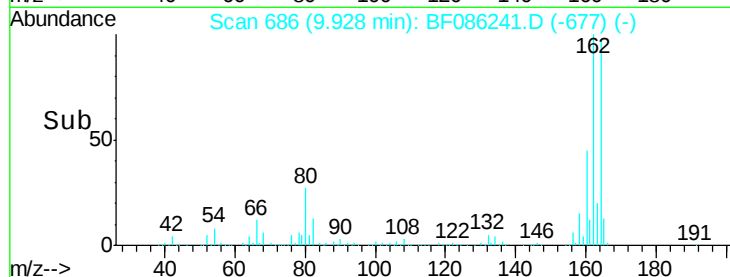
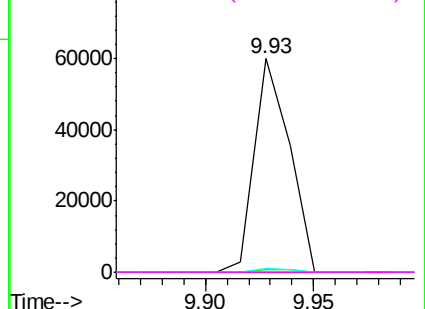


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF086241.D

Acq: 16 Apr 2016 3:44

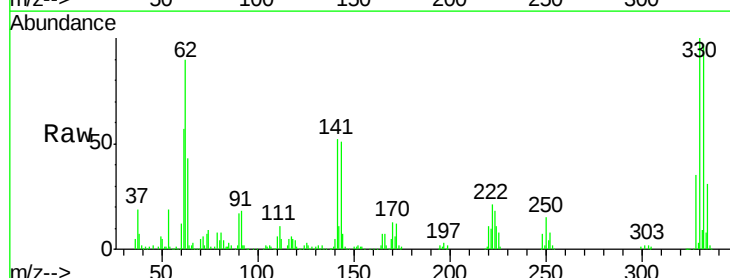
Tgt Ion:166 Resp: 19890

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

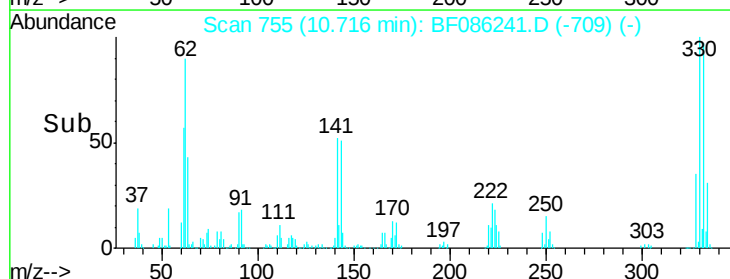
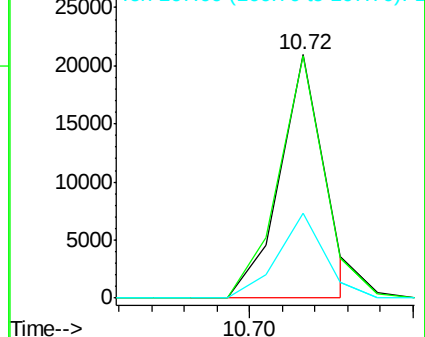
167 35.0 10.4 15.6#

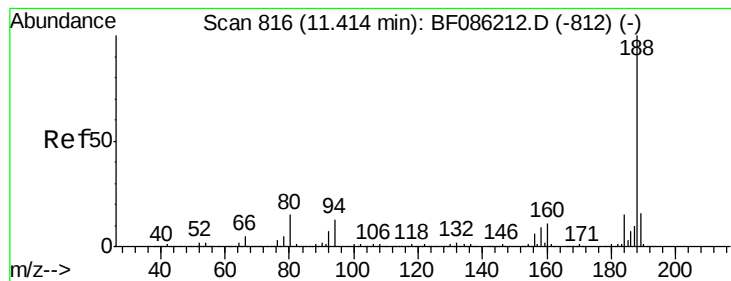


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF086241.D

Acq: 16 Apr 2016 3:44

Instrument :

BNA_F

ClientSampleId :

CDMSH7

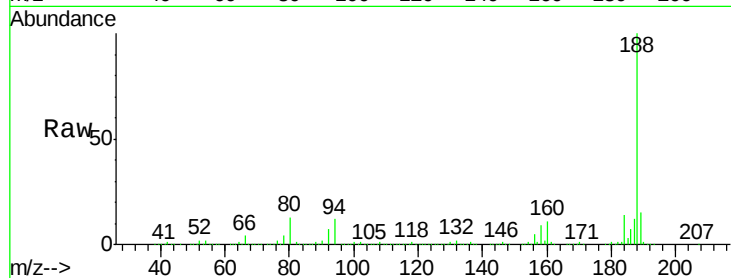
Tgt Ion:188 Resp: 951125

Ion Ratio Lower Upper

188 100

94 11.9 9.8 14.8

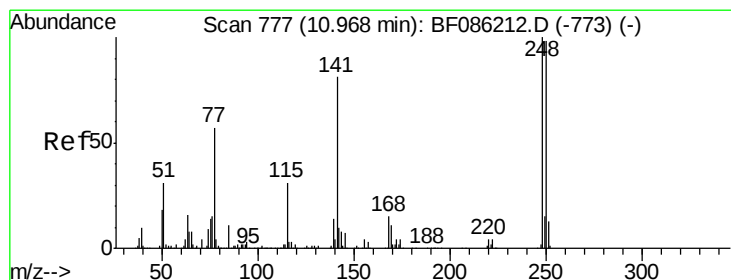
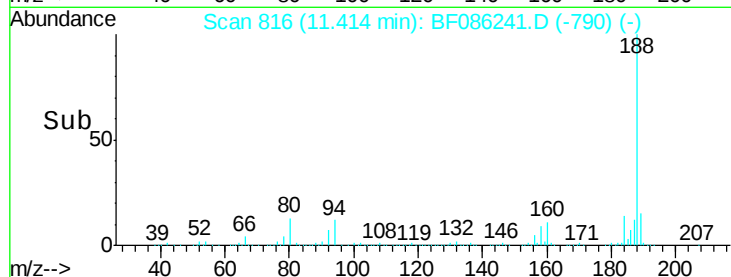
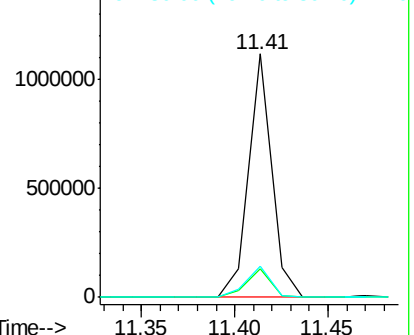
80 12.8 10.5 15.7



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: 2.63 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086241.D

Acq: 16 Apr 2016 3:44

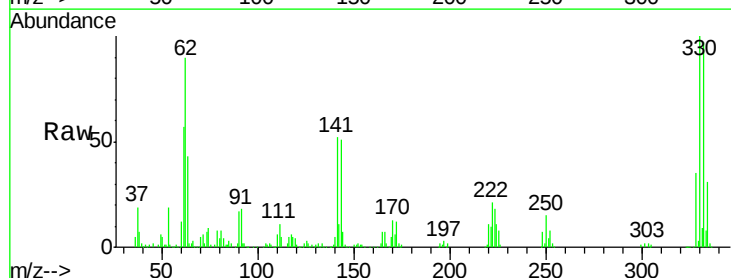
Tgt Ion:248 Resp: 23353

Ion Ratio Lower Upper

248 100

250 199.5 78.6 118.0#

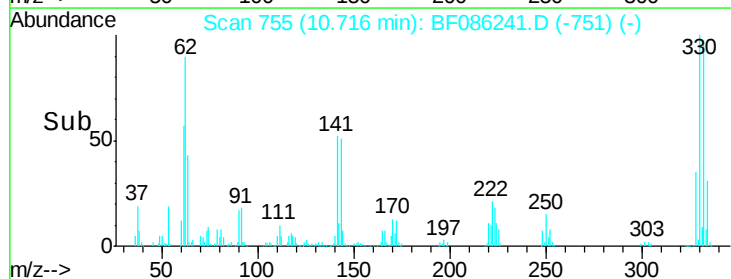
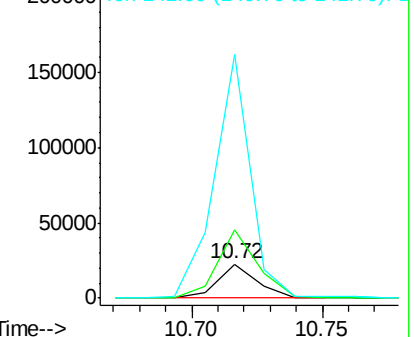
141 714.1 57.9 86.9#

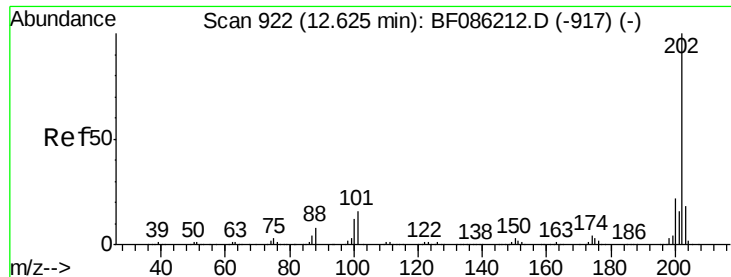


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

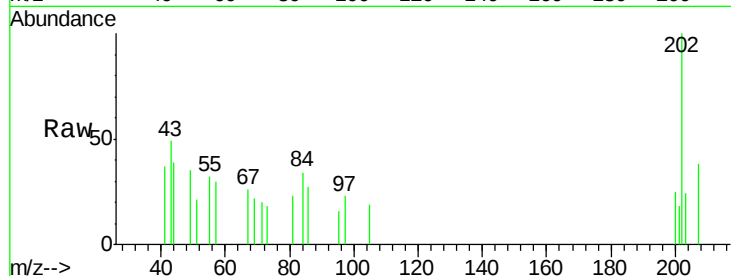




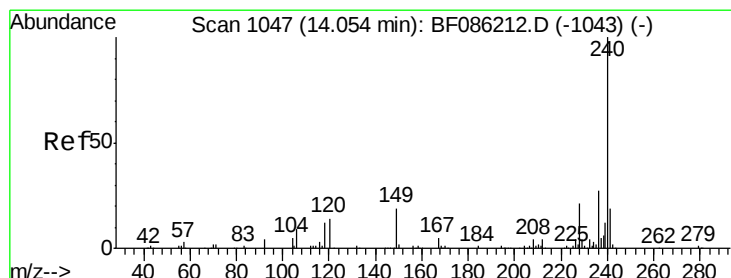
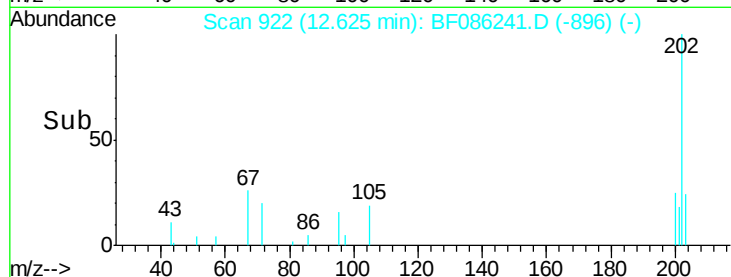
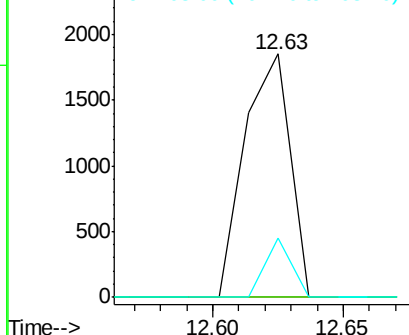
#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.63 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF086241.D
 Acq: 16 Apr 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	35.2
203	24.3	0.0	38.2

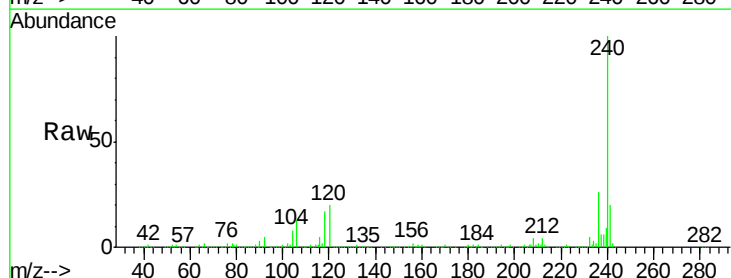


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

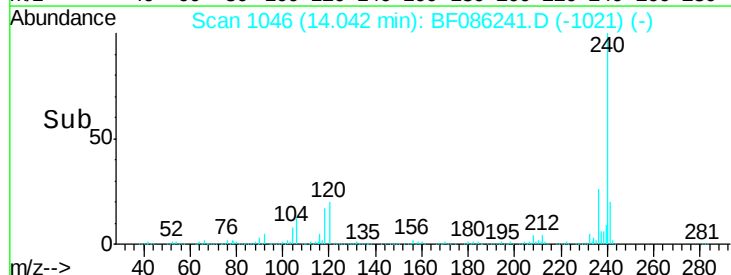
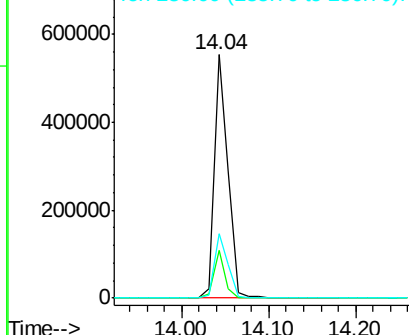


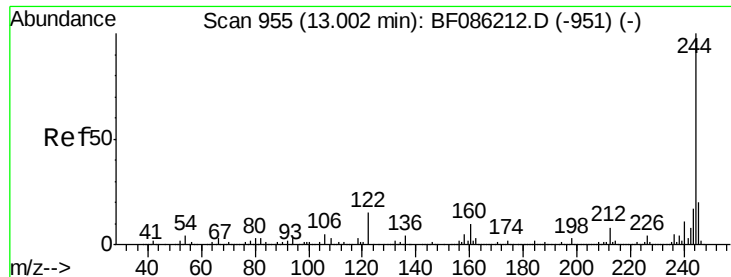
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086241.D
 Acq: 16 Apr 2016 3:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.6	9.3	13.9#
236	26.3	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

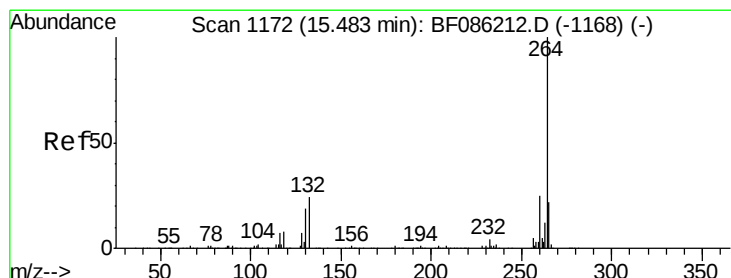
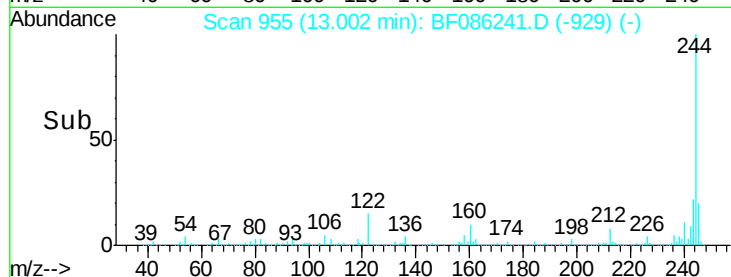
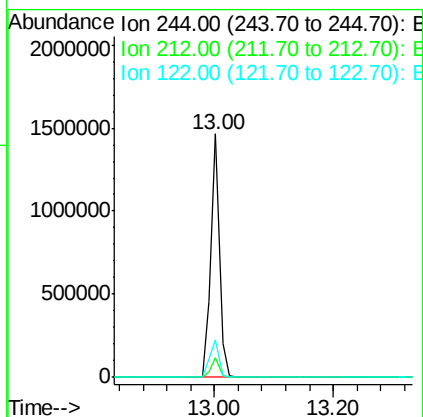
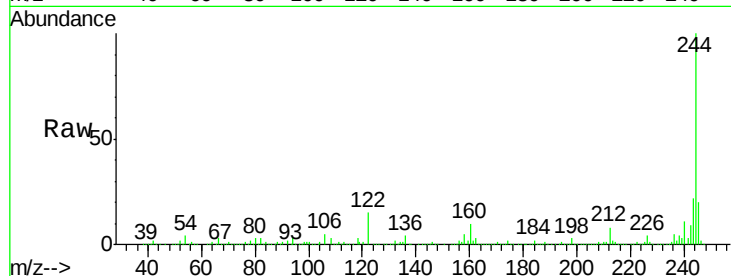




#78
 Terphenyl-d14
 Concen: 60.60 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086241.D
 Acq: 16 Apr 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH7

Tgt Ion:244 Resp: 1475603
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.3 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: BF086241.D
 Acq: 16 Apr 2016 3:44

Tgt Ion:264 Resp: 492248
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 22.5 17.4 26.0

