

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086243.D
 Acq On : 16 Apr 2016 4:40
 Operator : UM/SJ
 Sample : H2471-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSh10

Quant Time: Apr 16 05:15:14 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

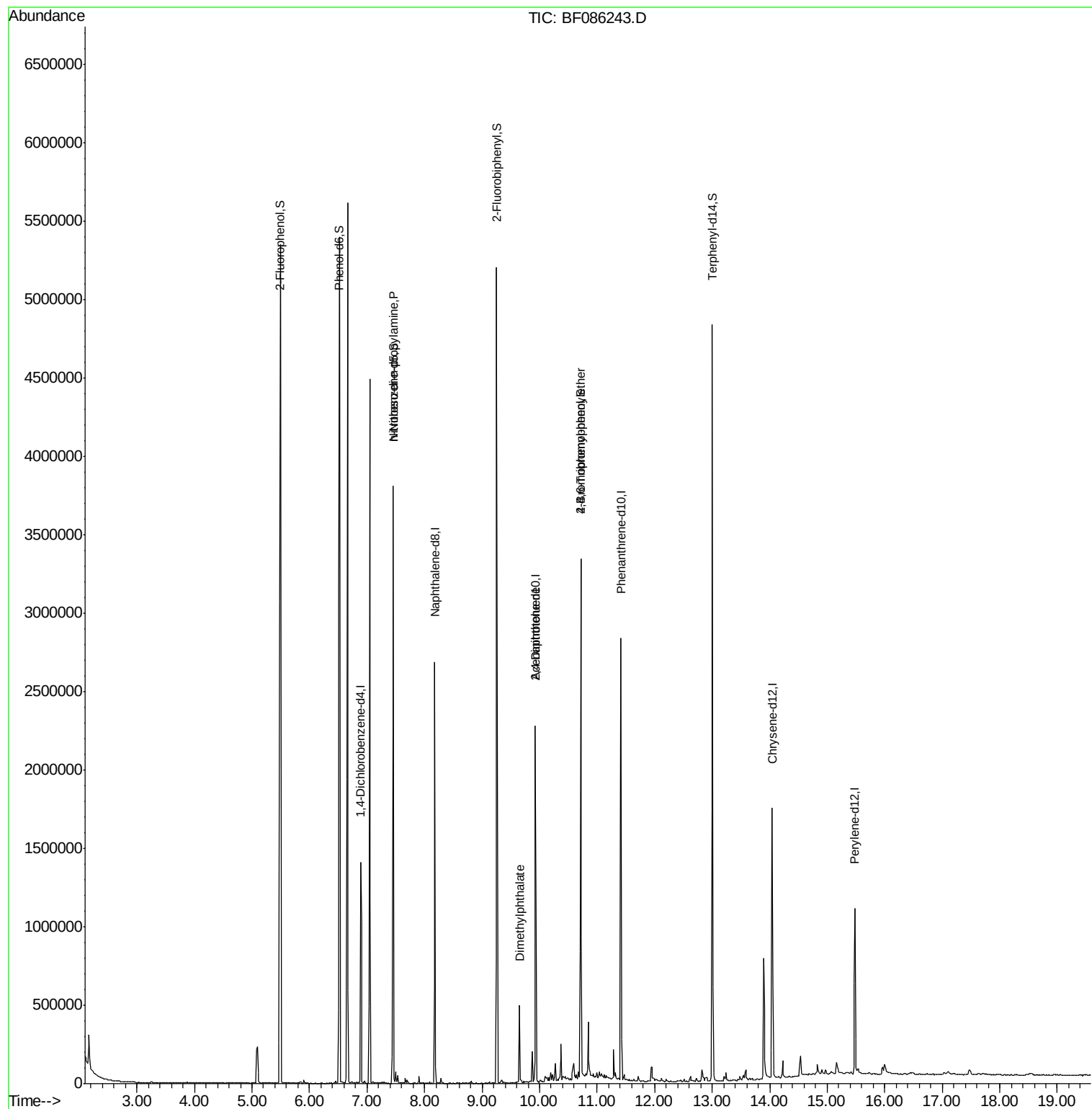
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	277881	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1166710	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	508771	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	896544	20.00	ng	0.00
75) Chrysene-d12	14.04	240	568801	20.00	ng	-0.01
86) Perylene-d12	15.48	264	465881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1692791	99.81	ng	0.01
7) Phenol-d6	6.52	99	2178485	102.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	1481823	73.26	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	394912	96.66	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1935816	70.21	ng	-0.01
78) Terphenyl-d14	13.00	244	1499946	66.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	205384	15.13	ng	# 77
22) Acetophenone	7.30	105	599	Below	Cal	# 63
49) Dimethylphthalate	9.65	163	289402	7.82	ng	98
56) 2,4-Dinitrotoluene	9.93	165	66631	6.36	ng	# 31
57) Fluorene	10.48	166	747	Below	Cal	# 80
66) 4-Bromophenyl-phenylether	10.72	248	22969	2.75	ng	# 1
71) Anthracene	11.44	178	8816	Below	Cal	98
74) Fluoranthene	12.63	202	14504	Below	Cal	93

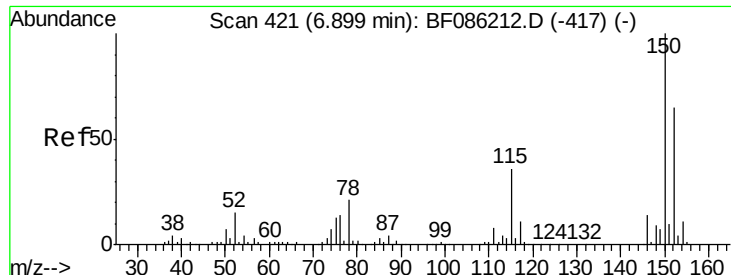
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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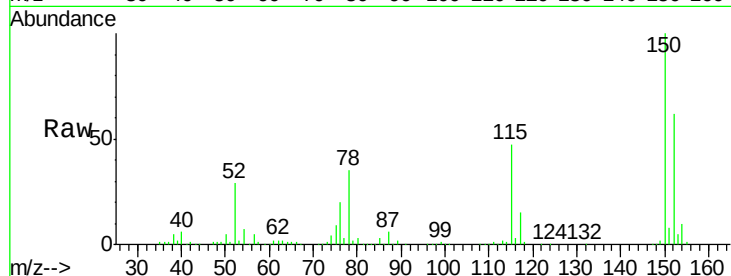




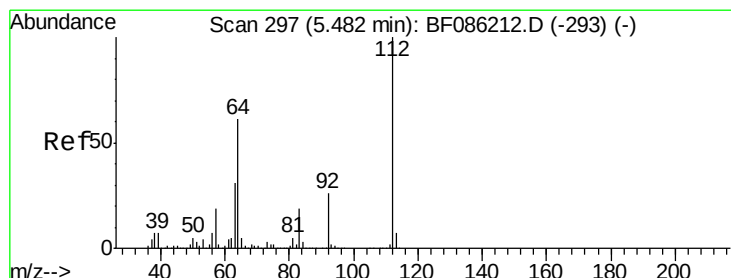
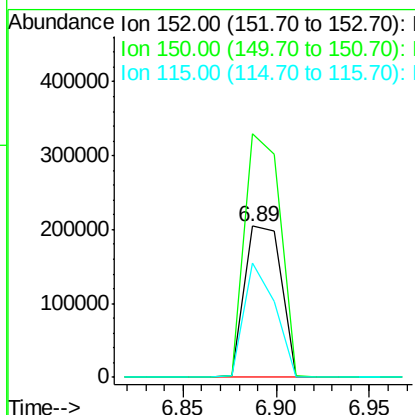
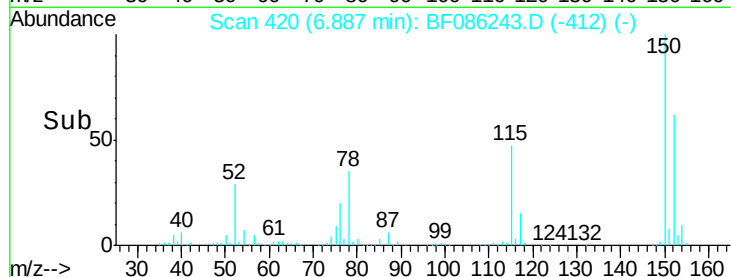
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Tgt Ion:152 Resp: 277881
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.1 186.1
 115 76.1 43.9 65.9#

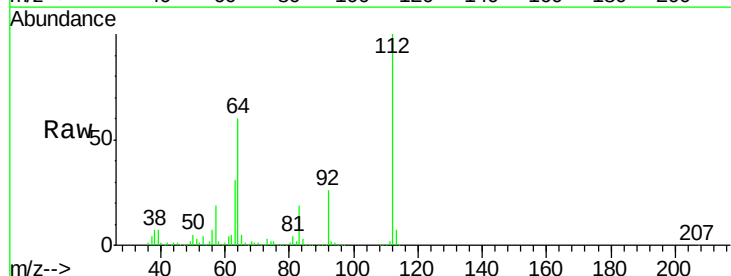


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

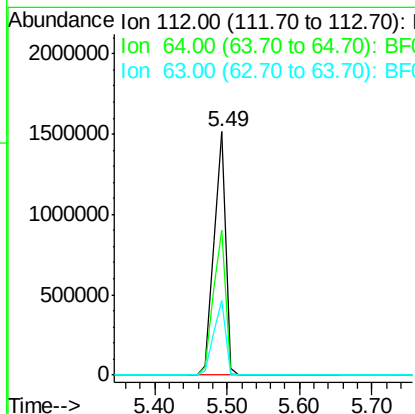
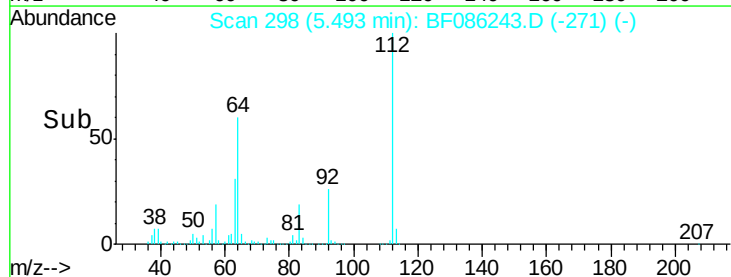


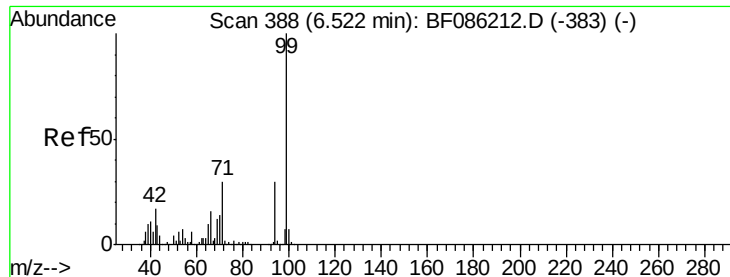
#5
 2-Fluorophenol
 Concen: 99.81 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Tgt Ion:112 Resp: 1692791
 Ion Ratio Lower Upper
 112 100
 64 59.6 48.1 72.1
 63 30.7 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: 102.69 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

Instrument :

BNA_F

ClientSampleId :

CDMSH10

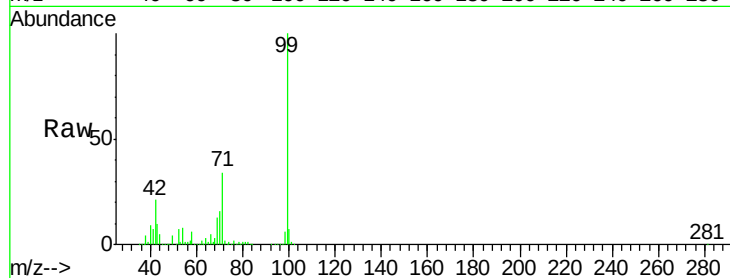
Tgt Ion: 99 Resp: 2178485

Ion Ratio Lower Upper

99 100

42 21.2 15.4 23.2

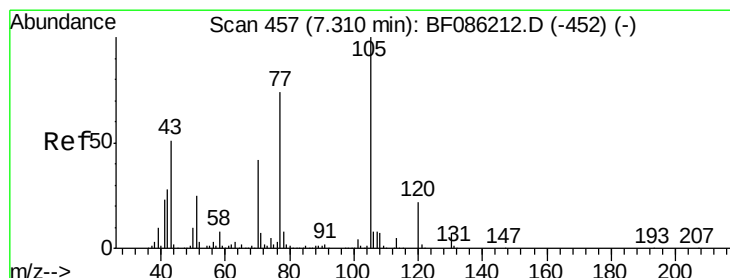
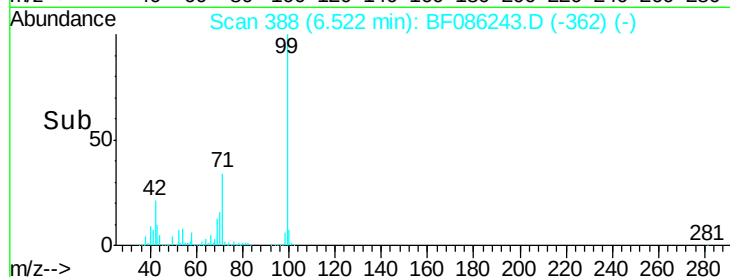
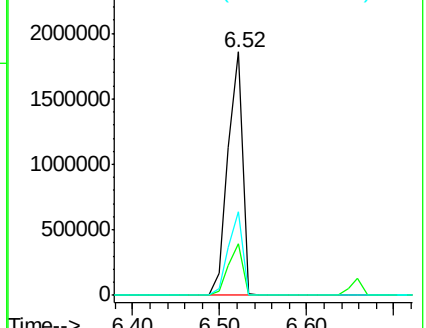
71 34.5 25.6 38.4



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: 15.13 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

Tgt Ion: 70 Resp: 205384

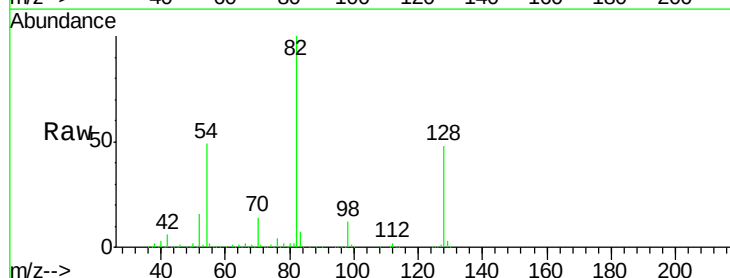
Ion Ratio Lower Upper

70 100

42 44.6 43.0 64.4

101 0.0 8.1 12.1#

130 2.5 20.1 30.1#

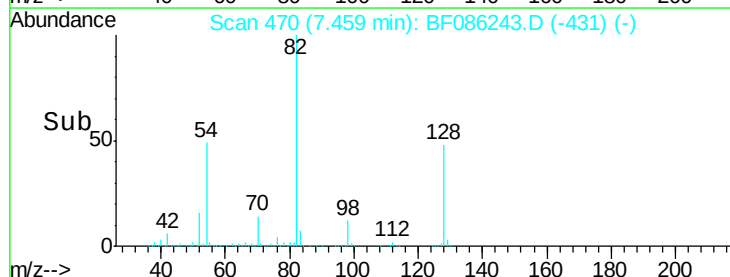
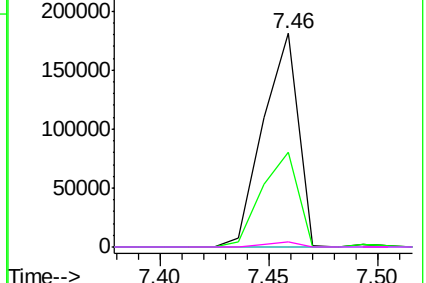


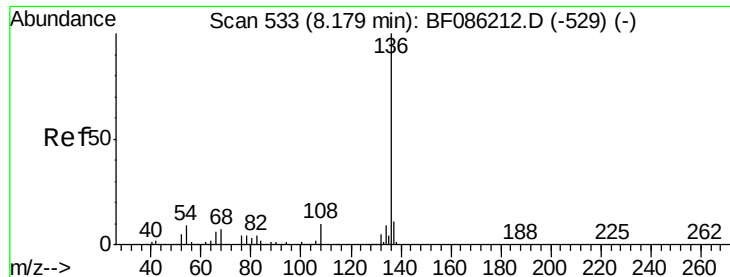
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

Instrument :

BNA_F

ClientSampleId :

CDMSH10

Tgt Ion: 136 Resp: 1166710

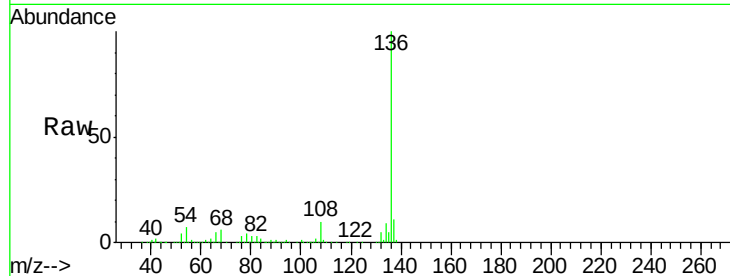
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 7.3 10.9

68 6.2 5.7 8.5

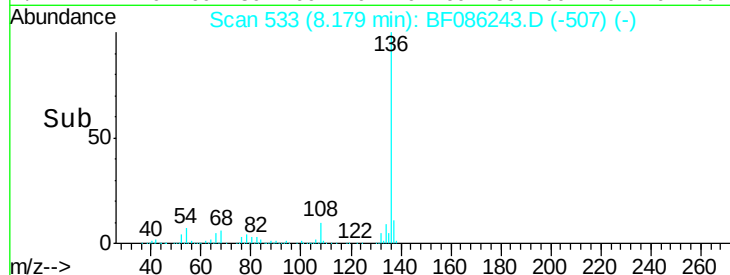


Abundance Ion 136.00 (135.70 to 136.70): E

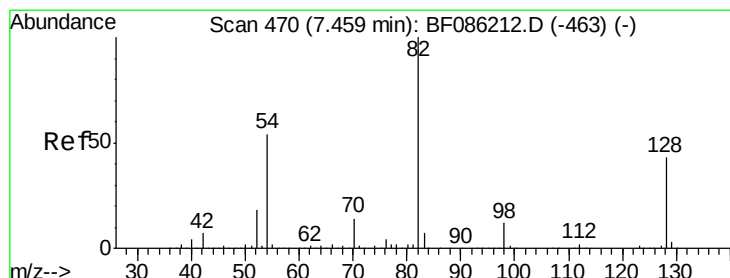
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 73.26 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

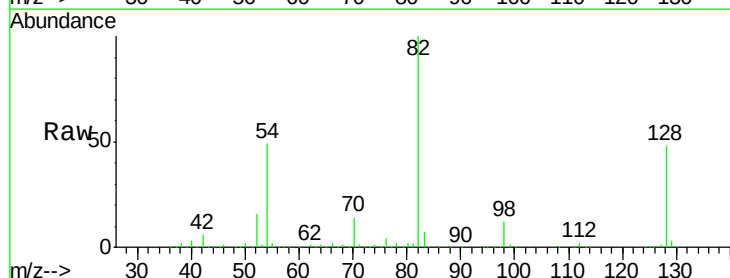
Tgt Ion: 82 Resp: 1481823

Ion Ratio Lower Upper

82 100

128 47.7 35.4 53.2

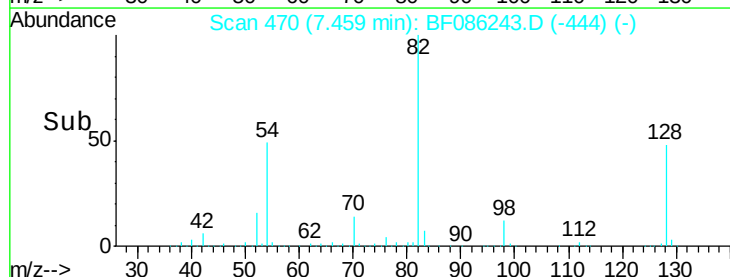
54 48.7 43.4 65.0



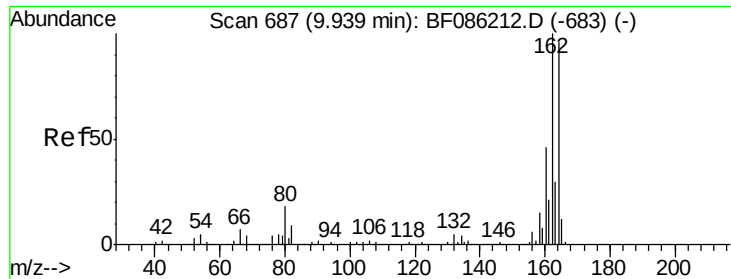
Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF086243.D

Acq: 16 Apr 2016 4:40

Instrument :

BNA_F

ClientSampleId :

CDMSH10

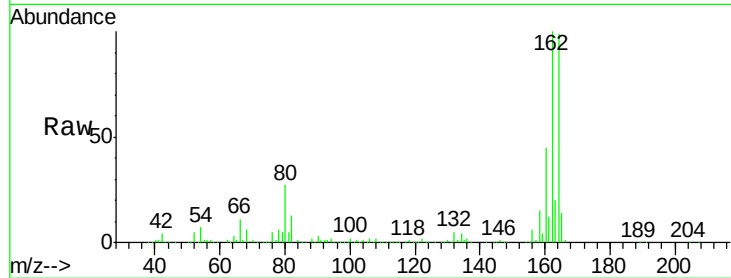
Tgt Ion:164 Resp: 508771

Ion Ratio Lower Upper

164 100

162 101.0 82.8 124.2

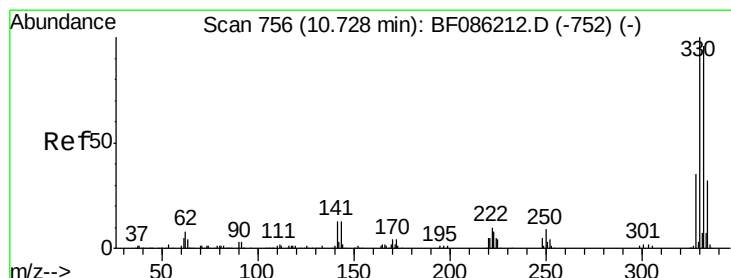
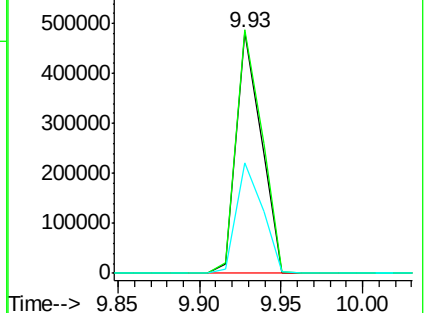
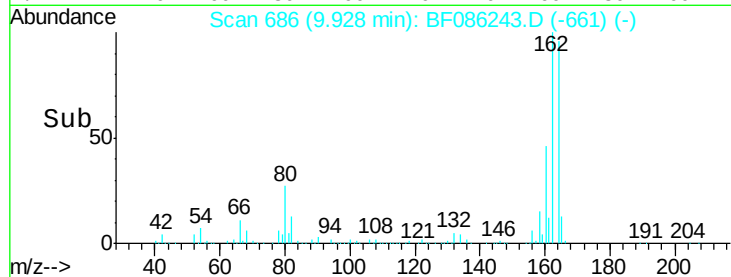
160 45.9 38.9 58.3



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: 96.66 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

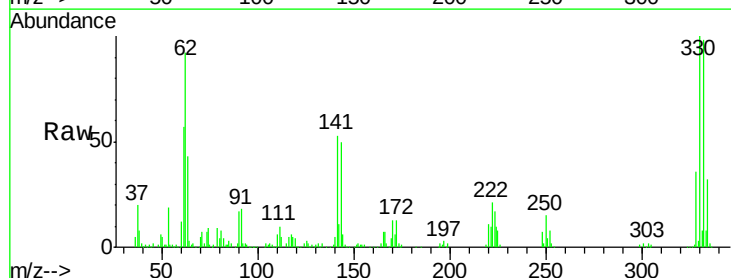
Tgt Ion:330 Resp: 394912

Ion Ratio Lower Upper

330 100

332 97.8 78.7 118.1

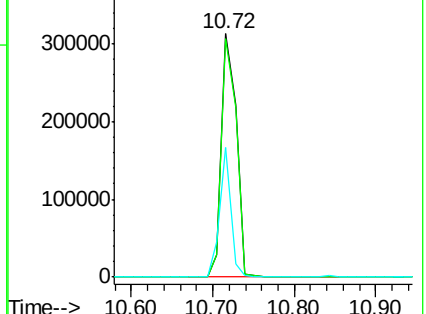
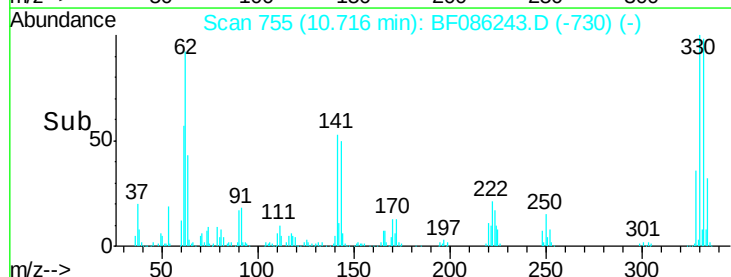
141 40.7 28.6 42.8

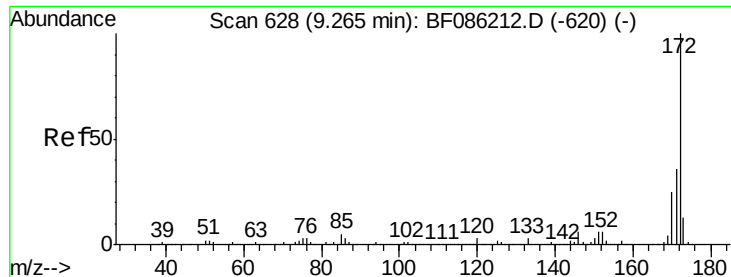


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

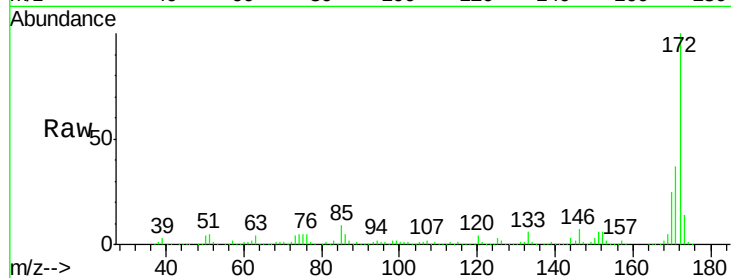




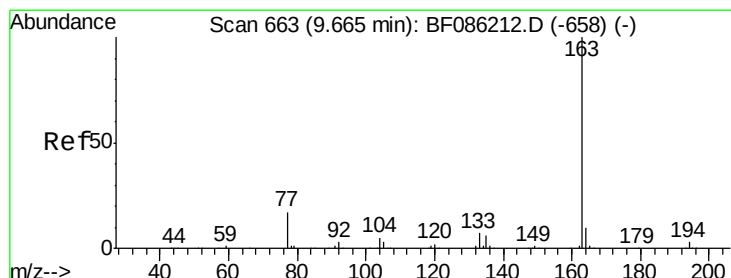
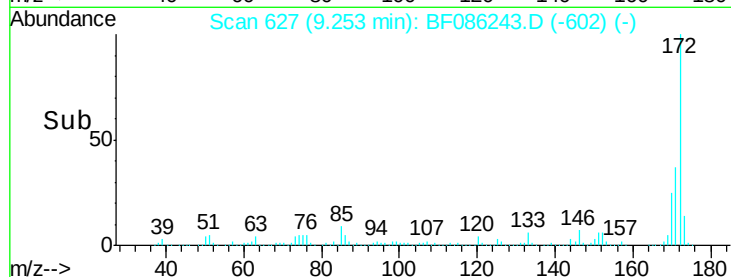
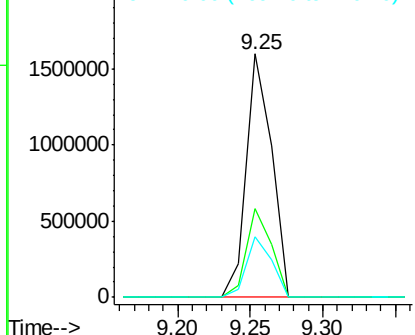
#44
 2-Fluorobiphenyl
 Concen: 70.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Tgt Ion:172 Resp: 1935816
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.8 19.9 29.9

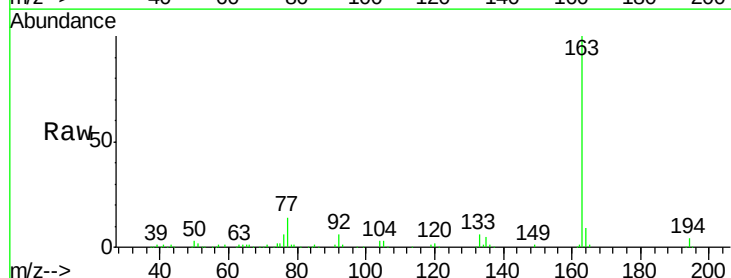


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

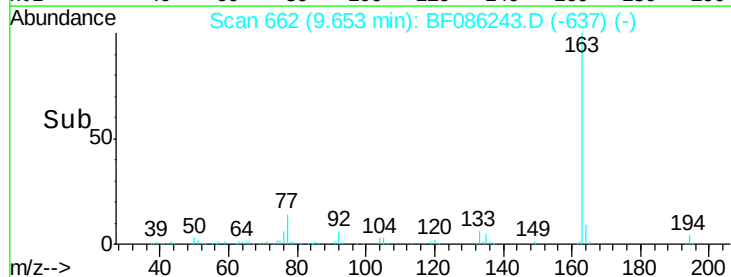
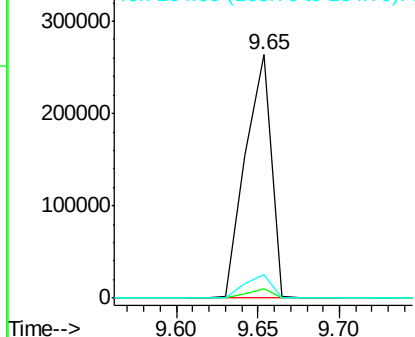


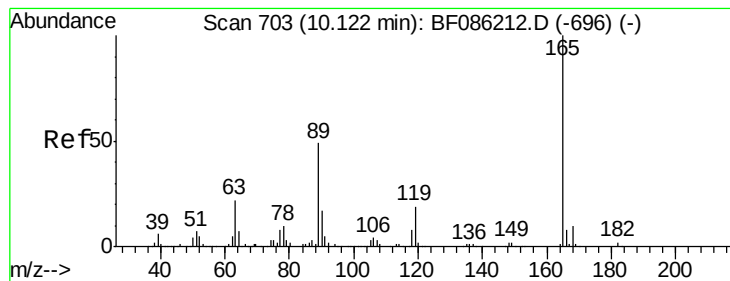
#49
 Dimethylphthalate
 Concen: 7.82 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Tgt Ion:163 Resp: 289402
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.4 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: 6.36 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

Instrument :

BNA_F

ClientSampleId :

CDMSH10

Tgt Ion:165 Resp: 66631

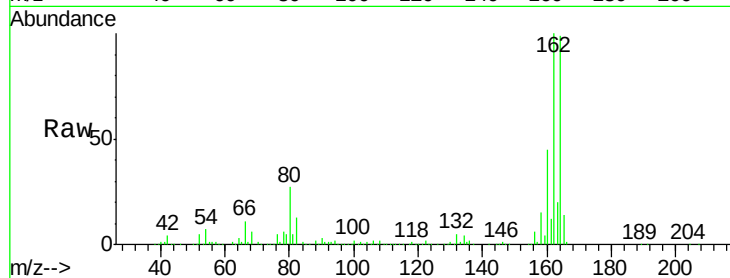
Ion Ratio Lower Upper

165 100

63 1.2 26.6 40.0#

89 1.4 49.5 74.3#

182 0.0 1.9 2.9#

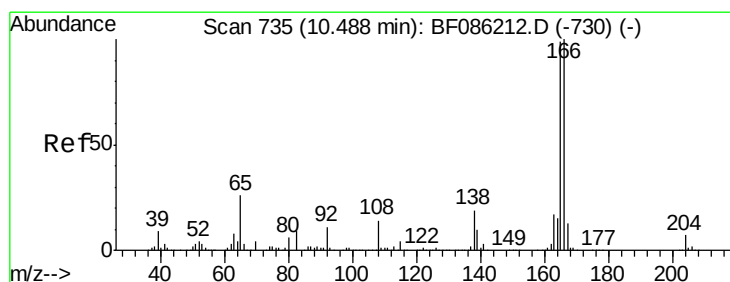
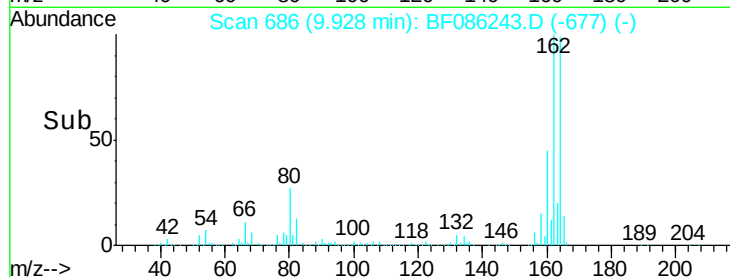
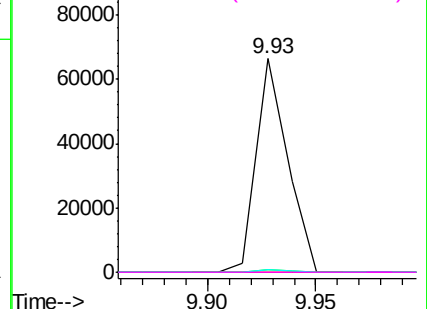


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086243.D

Acq: 16 Apr 2016 4:40

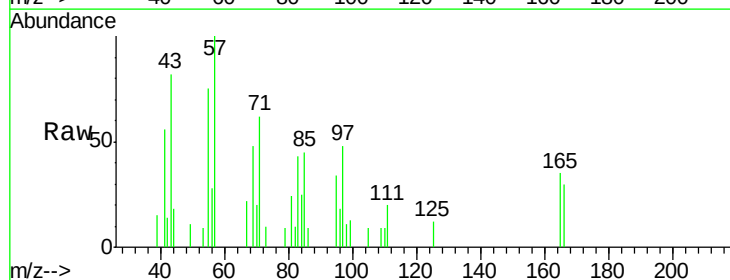
Tgt Ion:166 Resp: 747

Ion Ratio Lower Upper

166 100

165 116.5 78.6 117.8

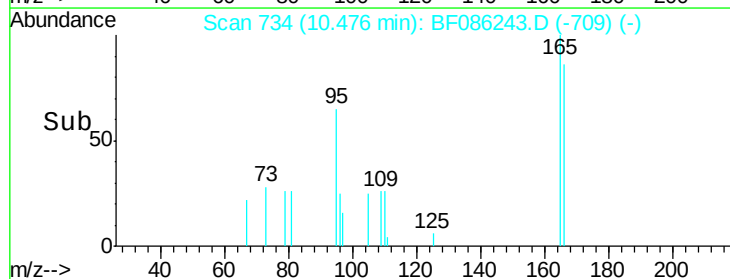
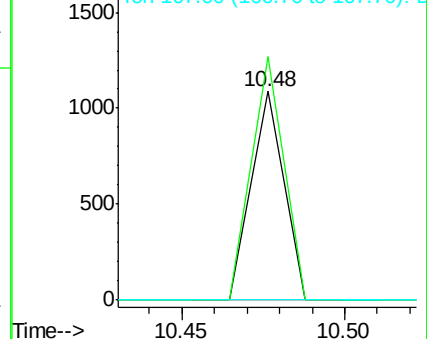
167 0.0 10.4 15.6#

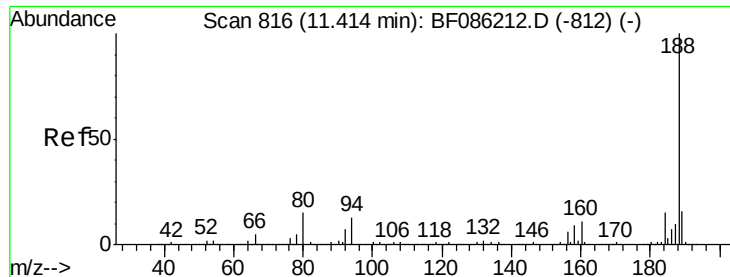


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

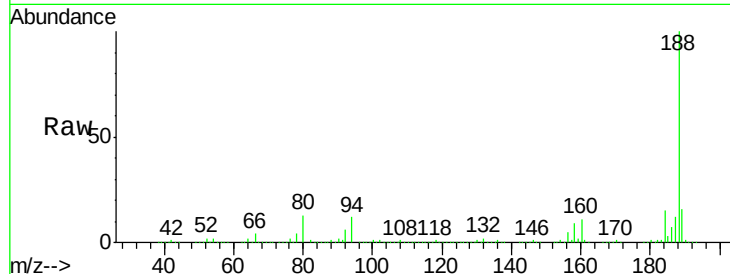




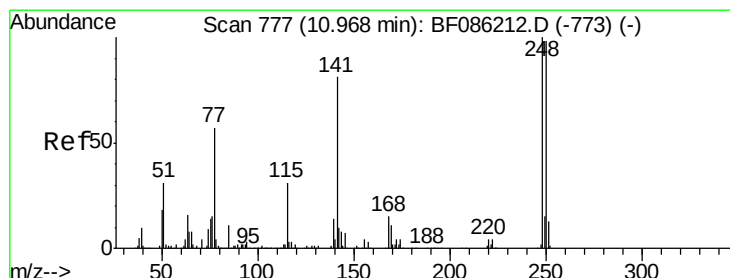
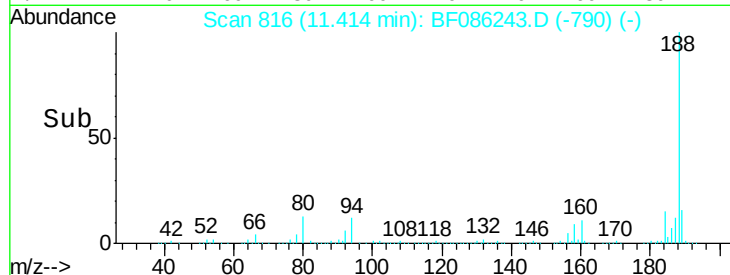
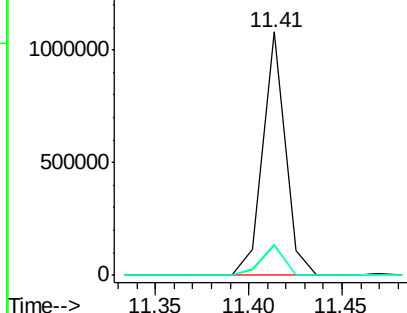
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Tgt Ion:188 Resp: 896544
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.8 14.8
 80 12.7 10.5 15.7

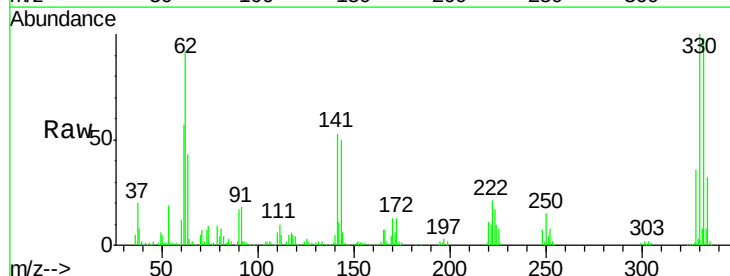


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

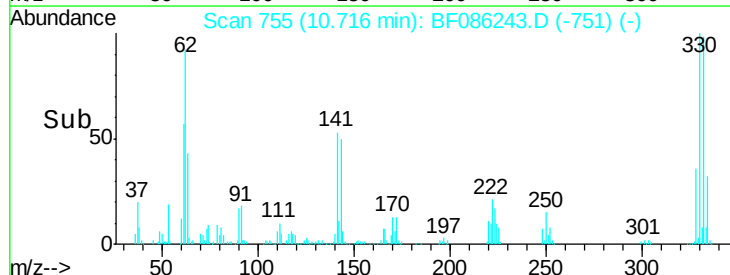
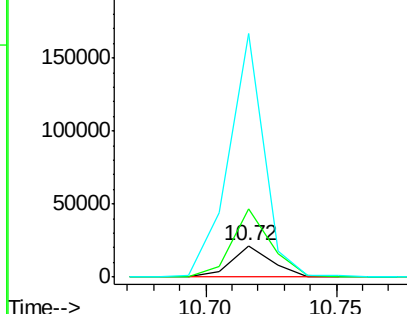


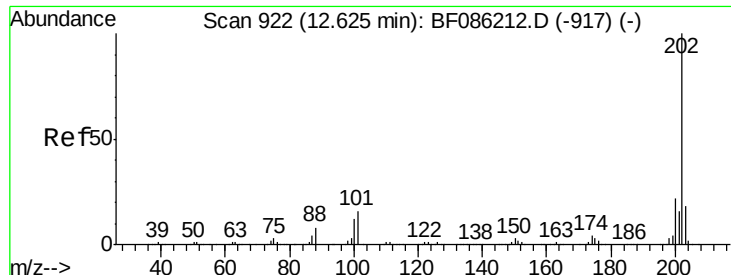
#66
 4-Bromophenyl-phenylether
 Concen: 2.75 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Tgt Ion:248 Resp: 22969
 Ion Ratio Lower Upper
 248 100
 250 215.1 78.6 118.0#
 141 771.8 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

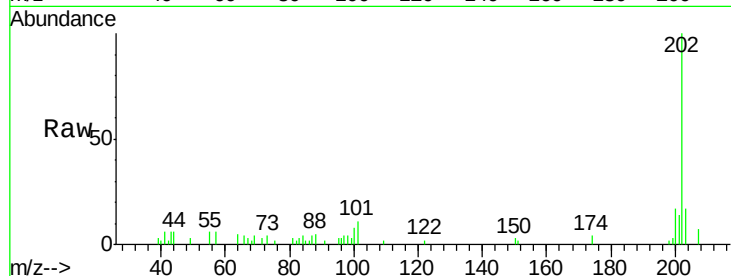




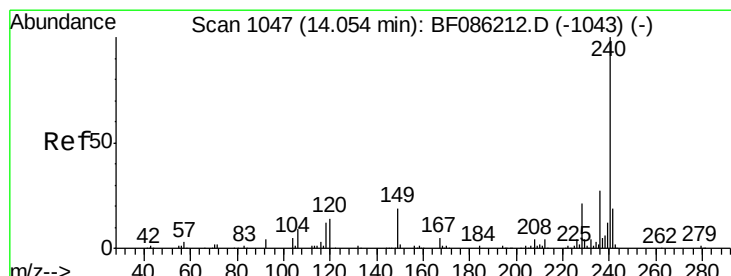
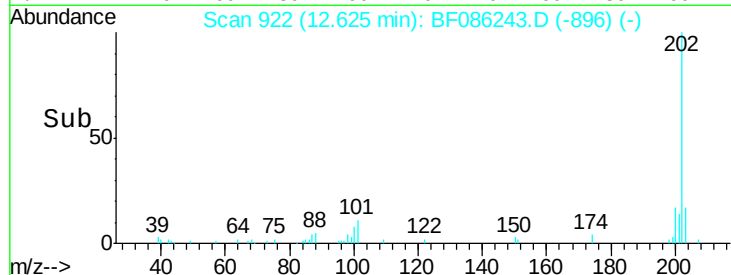
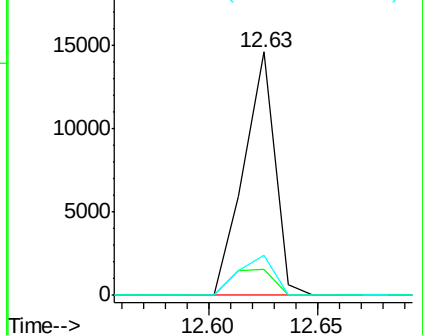
#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.63 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	35.2
203	16.7	0.0	38.2

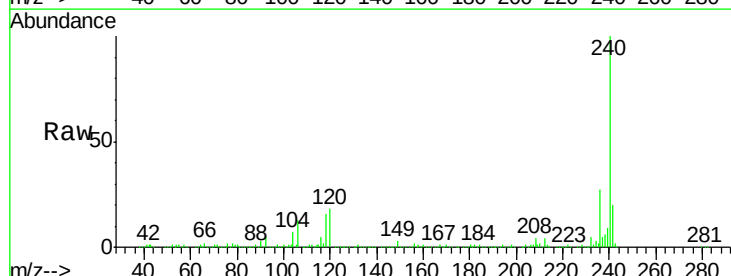


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

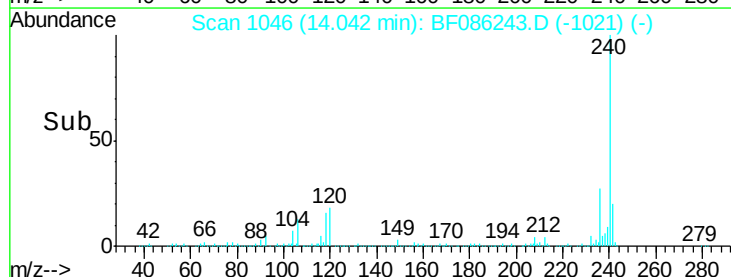
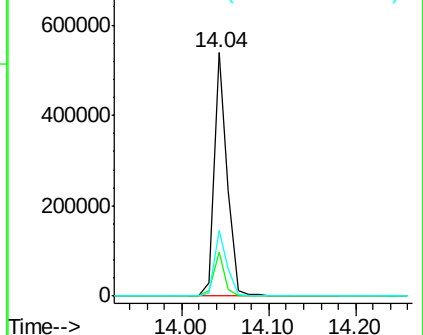


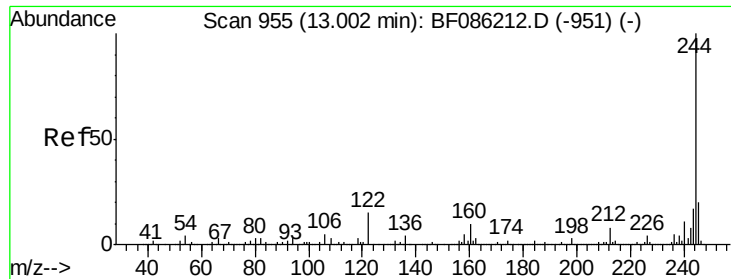
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.2	9.3	13.9#
236	27.0	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

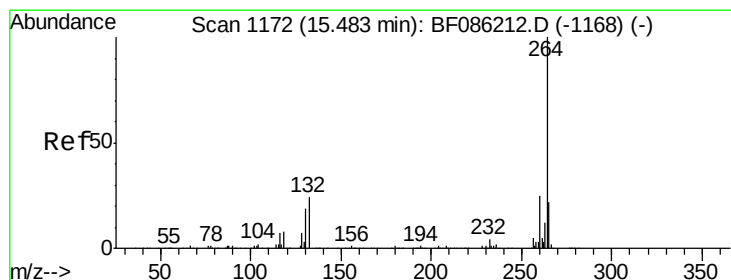
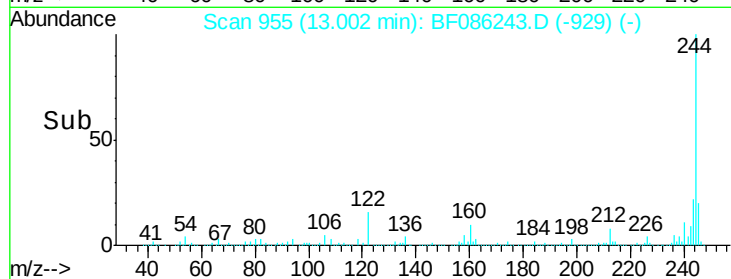
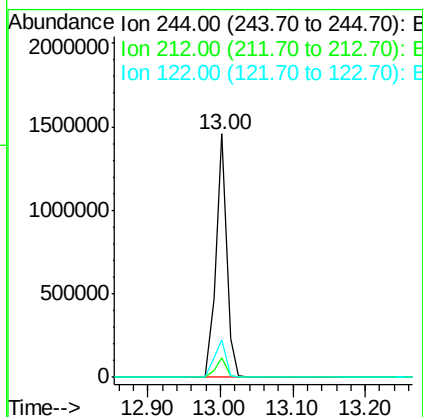
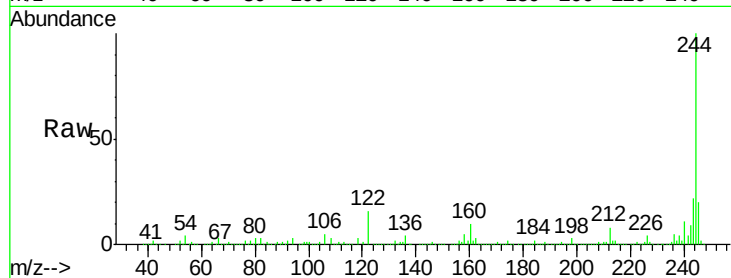




#78
 Terphenyl-d14
 Concen: 66.31 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086243.D
 Acq: 16 Apr 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Tgt Ion:244 Resp: 1499946
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.6 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: BF086243.D
 Acq: 16 Apr 2016 4:40

Tgt Ion:264 Resp: 465881
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 21.6 17.4 26.0

