

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086240.D
 Acq On : 16 Apr 2016 3:16
 Operator : UM/SJ
 Sample : H2471-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSh6

Quant Time: Apr 16 03:57:38 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

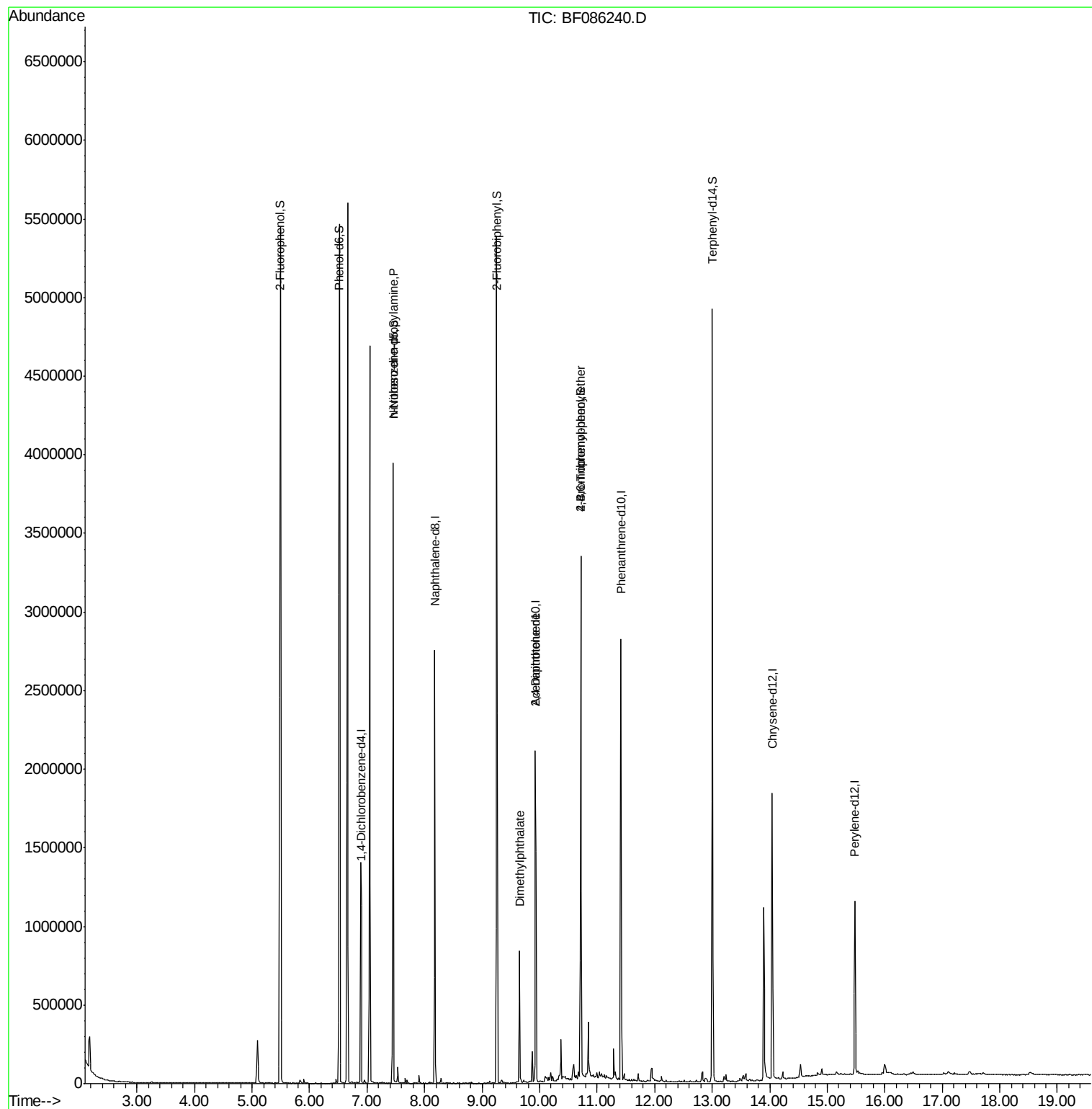
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	287293	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1203201	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	520819	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	913391	20.00	ng	0.00
75) Chrysene-d12	14.04	240	600183	20.00	ng	-0.01
86) Perylene-d12	15.48	264	475849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1626603	92.77	ng	0.01
7) Phenol-d6	6.52	99	2147681	97.92	ng	0.00
23) Nitrobenzene-d5	7.46	82	1543200	73.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	428943	102.57	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1983129	70.26	ng	-0.01
78) Terphenyl-d14	13.00	244	1584125	66.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	210294	14.98	ng	# 77
22) Acetophenone	7.30	105	476	Below	Cal	# 54
49) Dimethylphthalate	9.65	163	439355	11.60	ng	98
56) 2,4-Dinitrotoluene	9.93	165	68022	6.34	ng	# 31
57) Fluorene	10.72	166	20862	Below	Cal	# 93
66) 4-Bromophenyl-phenylether	10.72	248	25735	3.02	ng	# 1
71) Anthracene	11.44	178	3828	Below	Cal	96
74) Fluoranthene	12.62	202	4160	Below	Cal	82

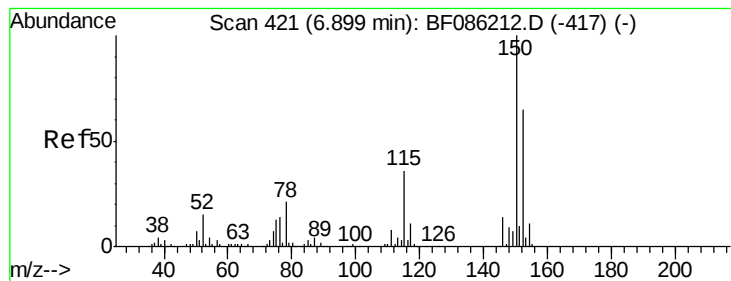
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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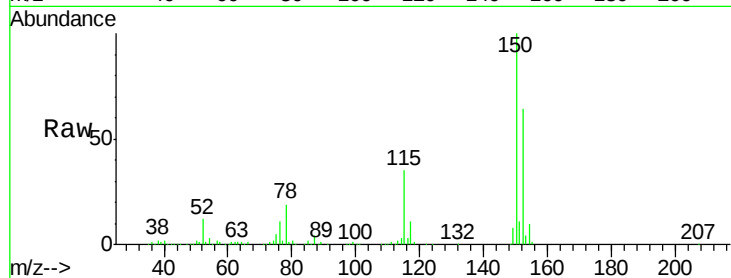


#1

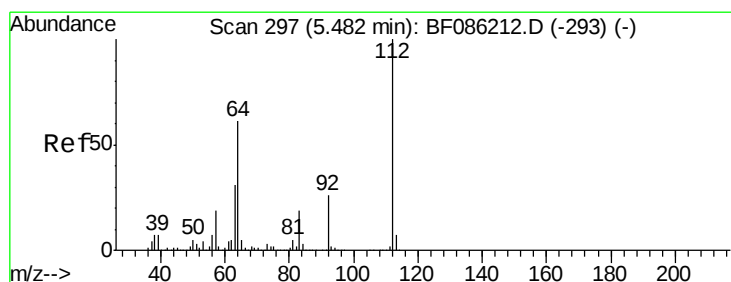
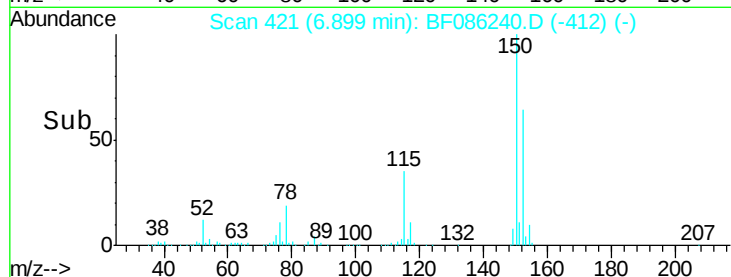
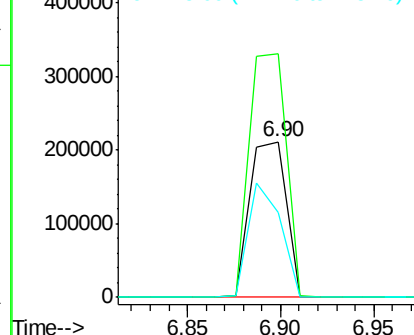
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086240.D
Acq: 16 Apr 2016 3:16

Instrument :
BNA_F
ClientSampled :
CDMSH6

Tgt Ion:152 Resp: 287293
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 54.8 43.9 65.9



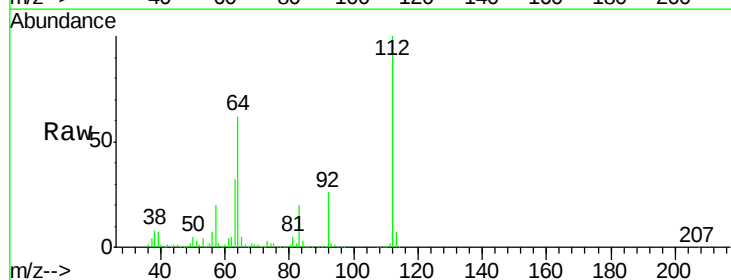
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



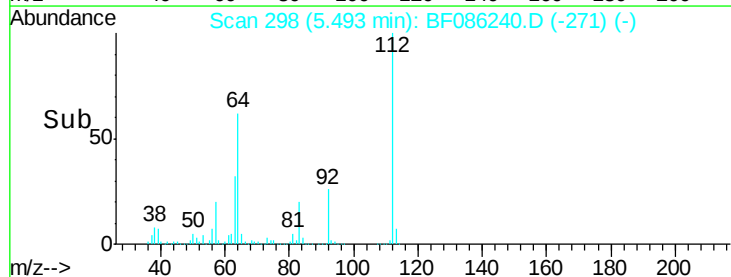
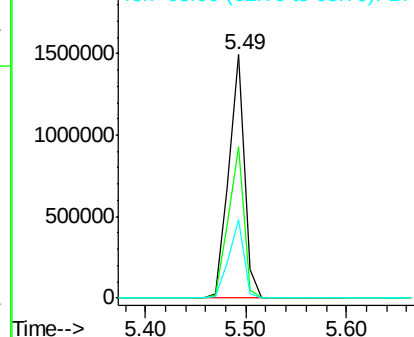
#5

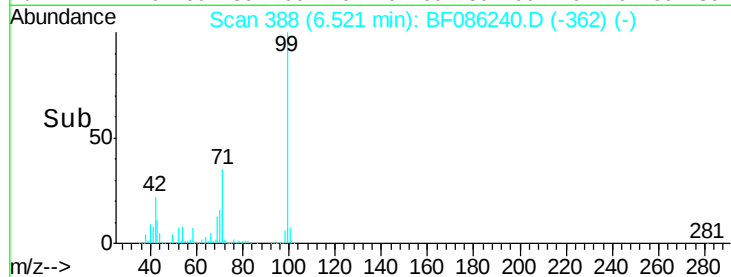
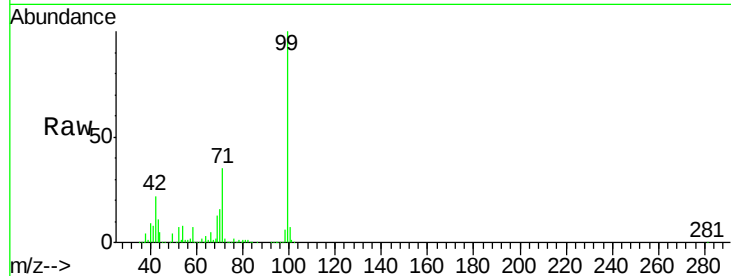
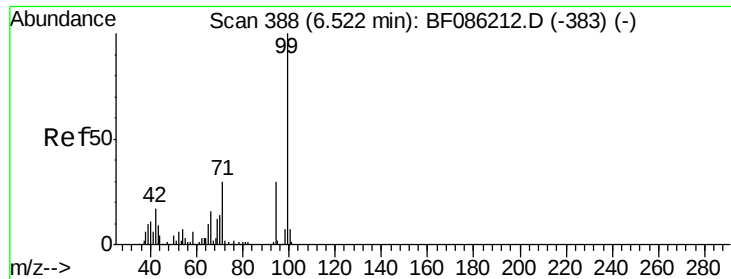
2-Fluorophenol
Concen: 92.77 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086240.D
Acq: 16 Apr 2016 3:16

Tgt Ion:112 Resp: 1626603
Ion Ratio Lower Upper
112 100
64 62.0 48.1 72.1
63 32.2 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: 97.92 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086240.D

Acq: 16 Apr 2016 3:16

Instrument :

BNA_F

ClientSampleId :

CDMSH6

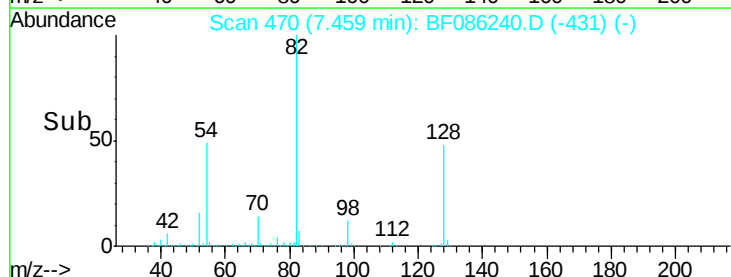
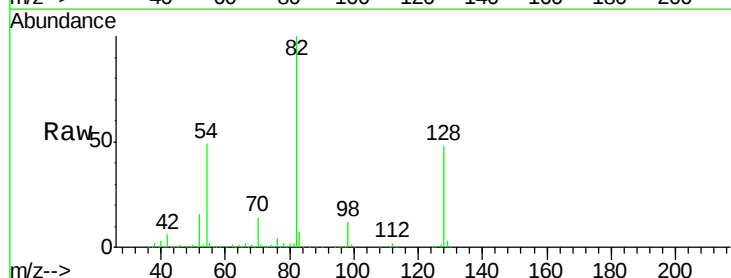
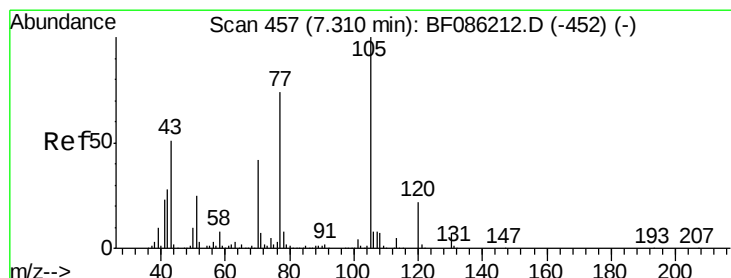
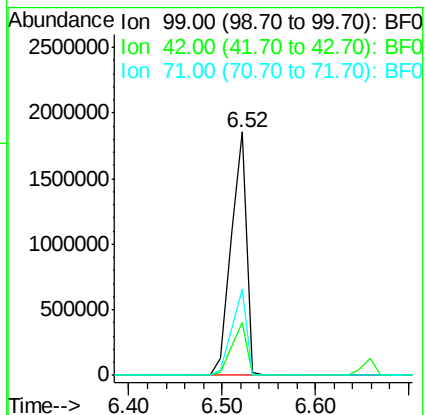
Tgt Ion: 99 Resp: 2147681

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.2

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.98 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086240.D

Acq: 16 Apr 2016 3:16

Tgt Ion: 70 Resp: 210294

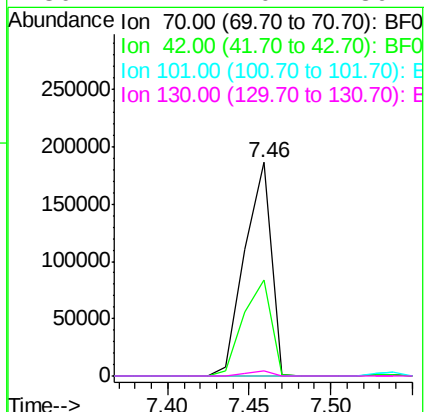
Ion Ratio Lower Upper

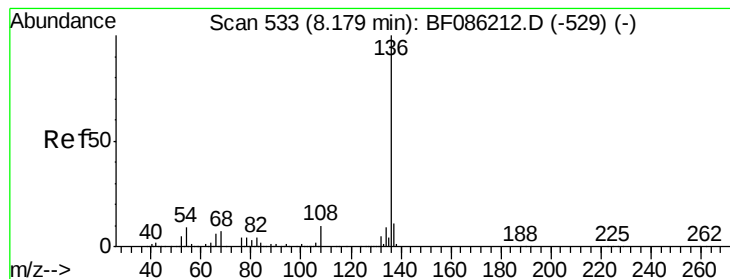
70 100

42 45.2 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: BF086240.D

Acq: 16 Apr 2016 3:16

Instrument :

BNA_F

ClientSampleId :

CDMSH6

Tgt Ion:136 Resp: 1203201

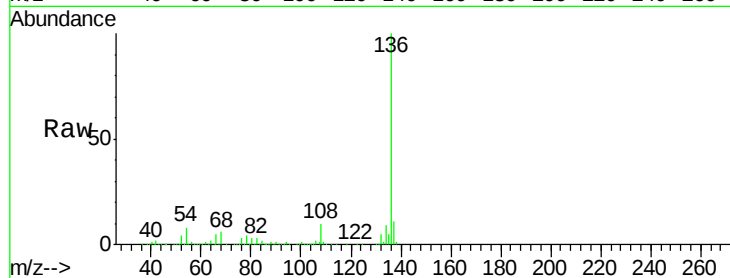
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.5 7.3 10.9

68 6.2 5.7 8.5

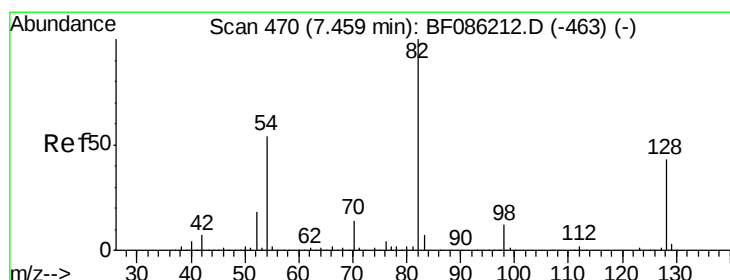
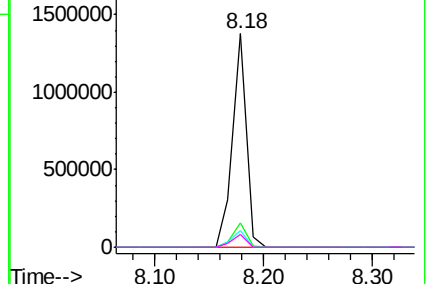
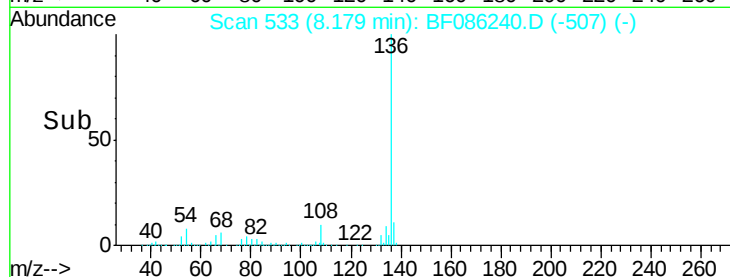


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 73.98 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086240.D

Acq: 16 Apr 2016 3:16

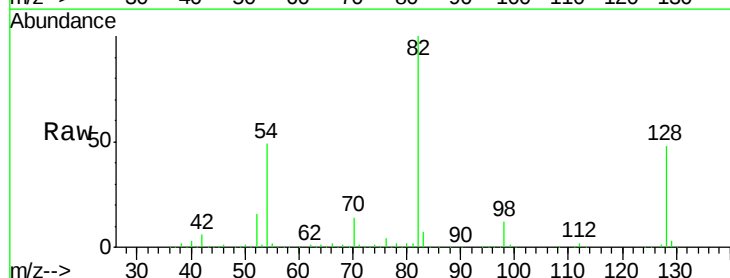
Tgt Ion: 82 Resp: 1543200

Ion Ratio Lower Upper

82 100

128 47.6 35.4 53.2

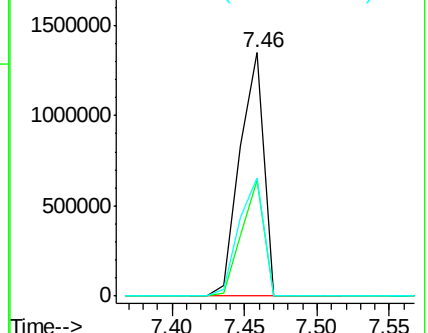
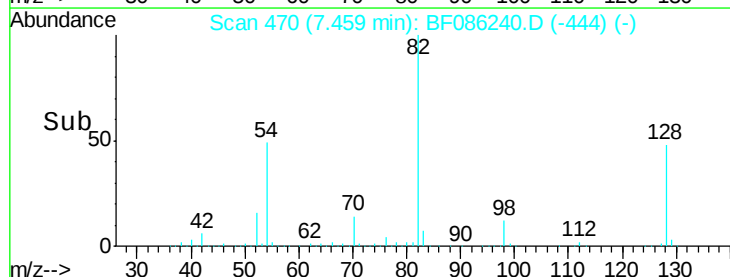
54 48.8 43.4 65.0

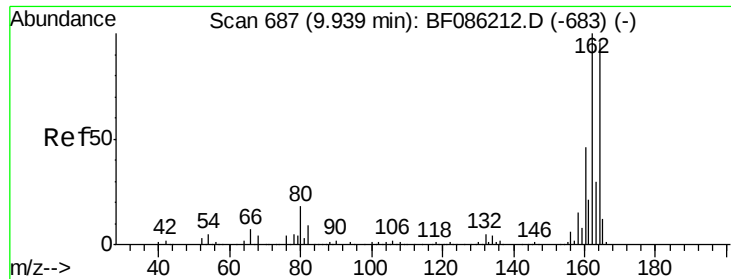


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF086240.D

Acq: 16 Apr 2016 3:16

Instrument :

BNA_F

ClientSampleId :

CDMSH6

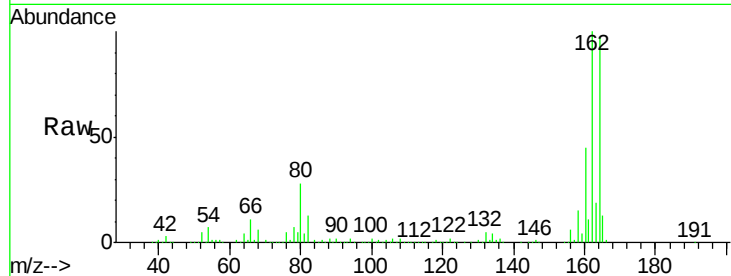
Tgt Ion:164 Resp: 520819

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

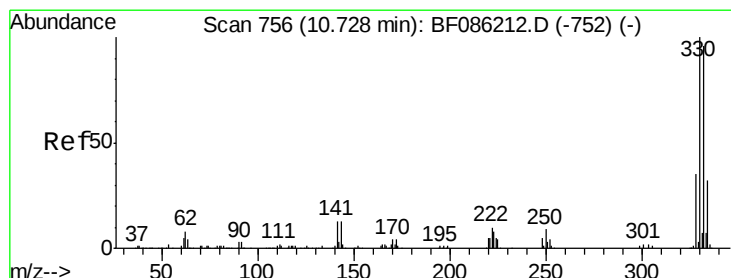
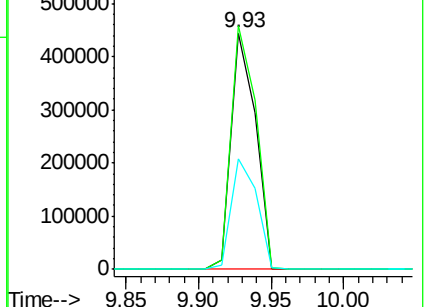
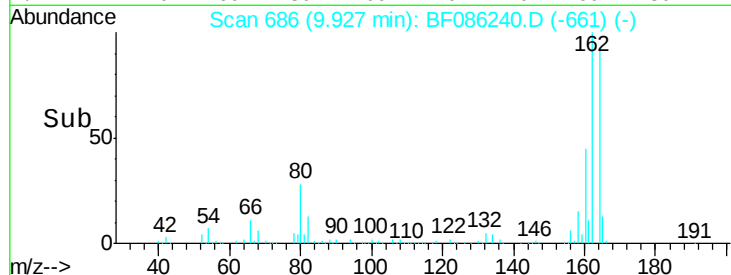
160 46.5 38.9 58.3



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: 102.57 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086240.D

Acq: 16 Apr 2016 3:16

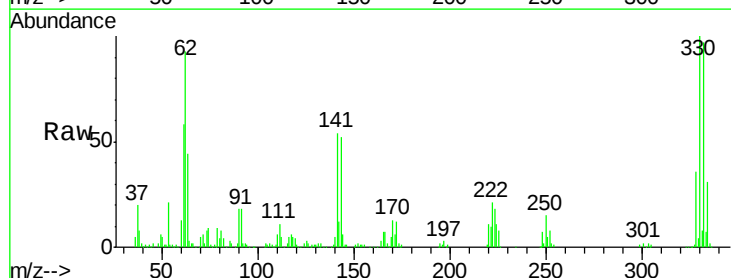
Tgt Ion:330 Resp: 428943

Ion Ratio Lower Upper

330 100

332 96.1 78.7 118.1

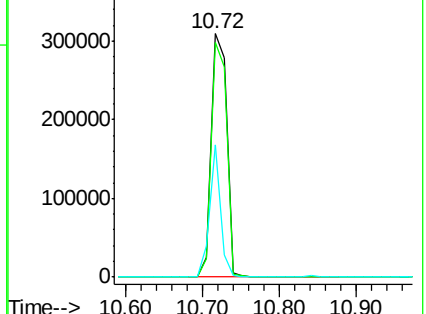
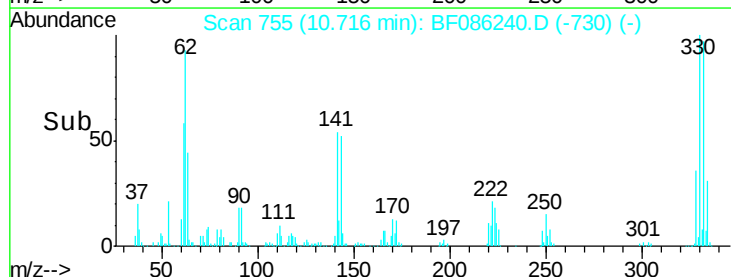
141 38.6 28.6 42.8

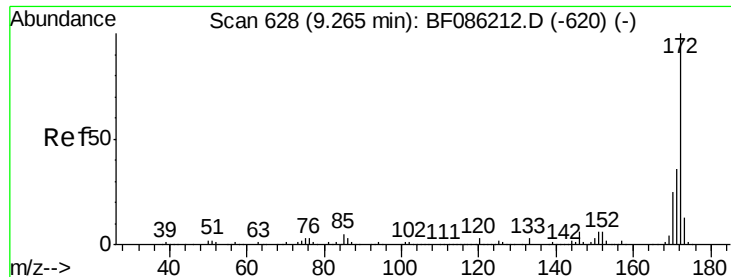


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

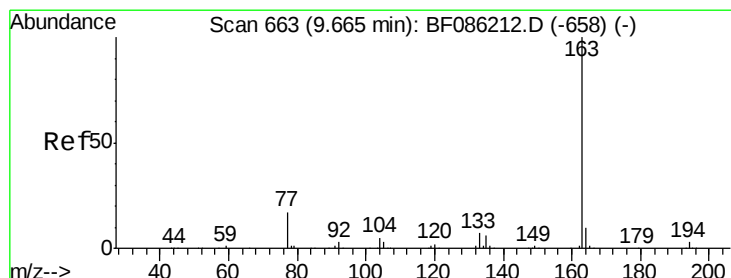
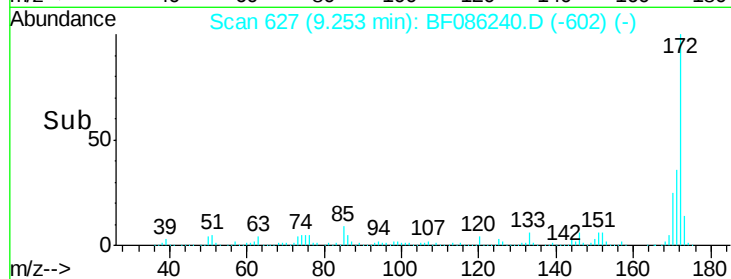
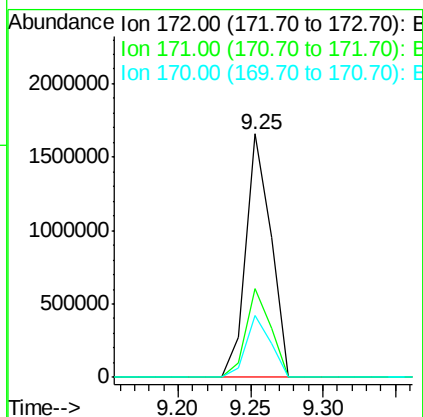
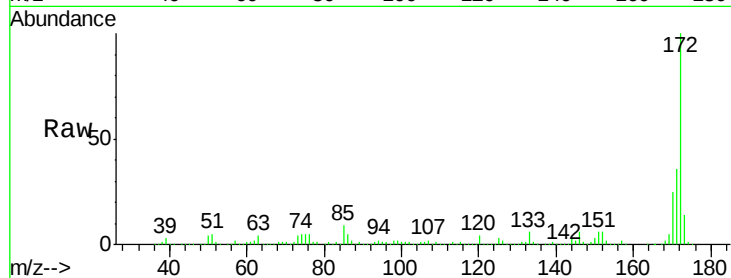




#44
 2-Fluorobiphenyl
 Concen: 70.26 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086240.D
 Acq: 16 Apr 2016 3:16

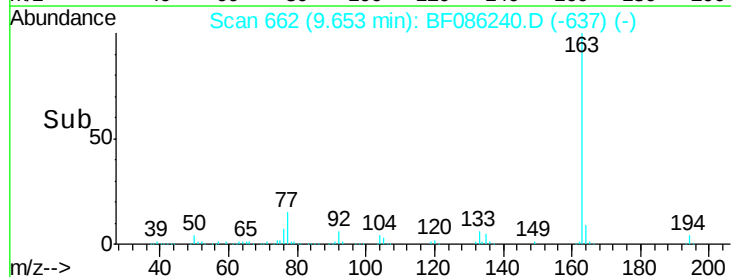
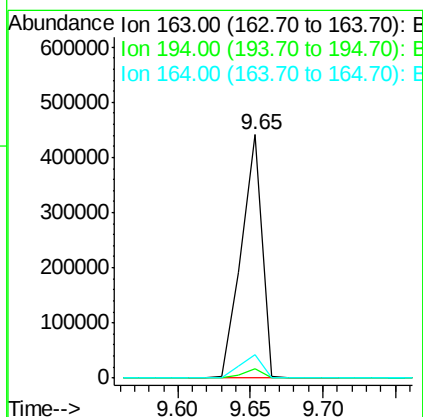
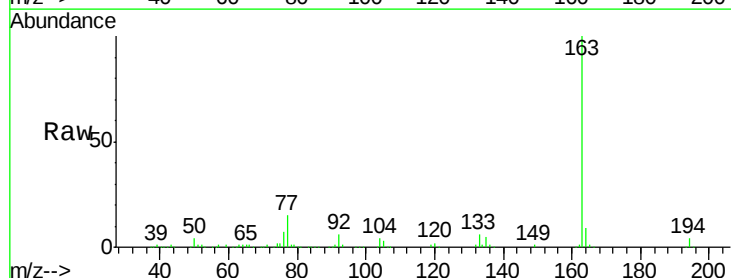
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH6

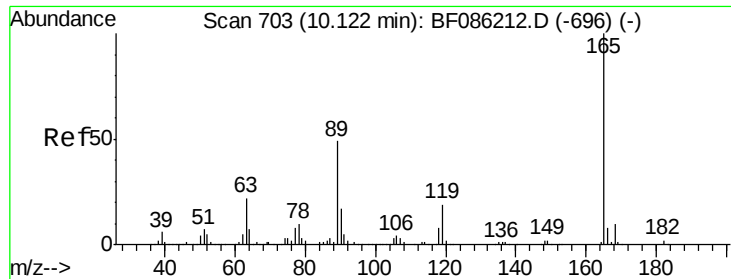
Tgt Ion:172 Resp: 1983129
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 25.2 19.9 29.9



#49
 Dimethylphthalate
 Concen: 11.60 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086240.D
 Acq: 16 Apr 2016 3:16

Tgt Ion:163 Resp: 439355
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.4 8.4 12.6

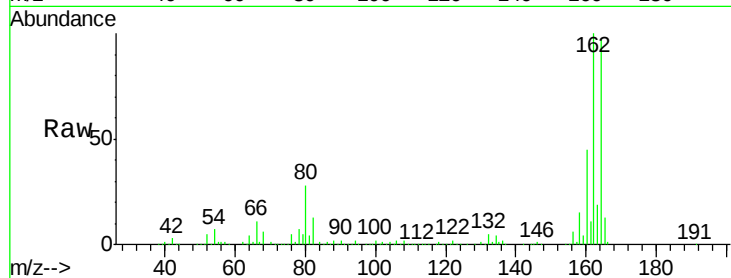




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF086240.D
 Acq: 16 Apr 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH6

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.3	49.5	74.3#
182	0.0	1.9	2.9#

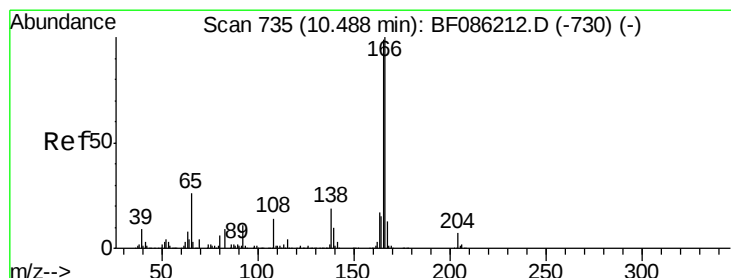
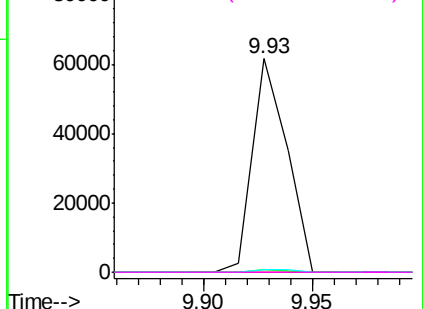
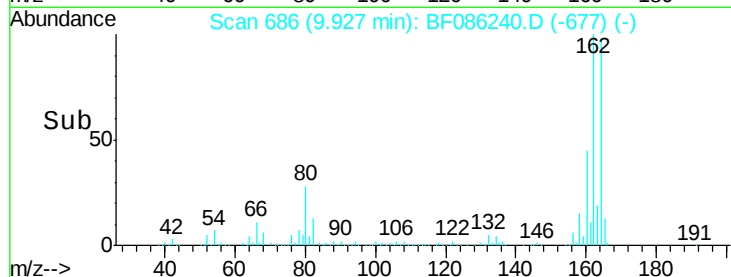


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

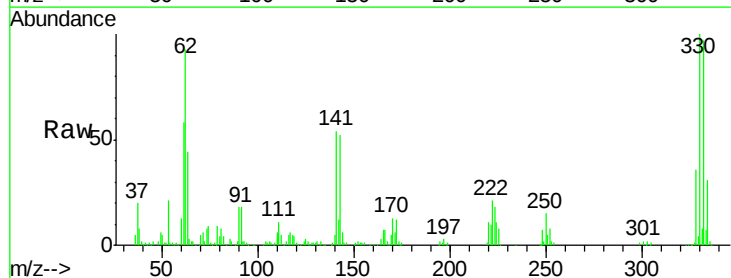
Ion 89.00 (88.70 to 89.70): BF0

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: BF086240.D
 Acq: 16 Apr 2016 3:16

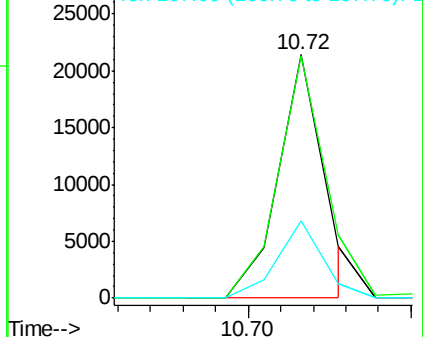
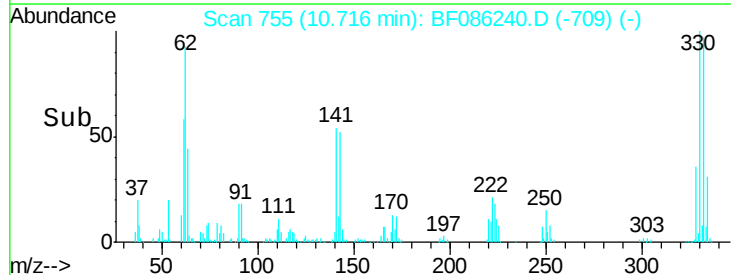
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	31.8	10.4	15.6#

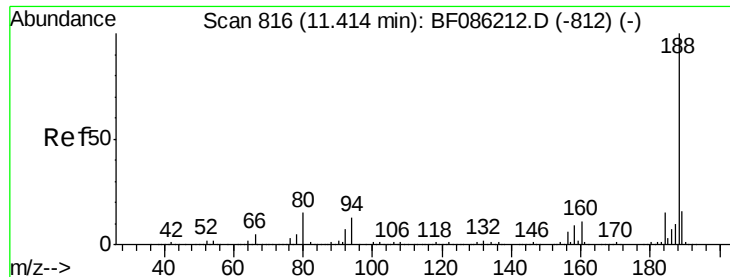


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

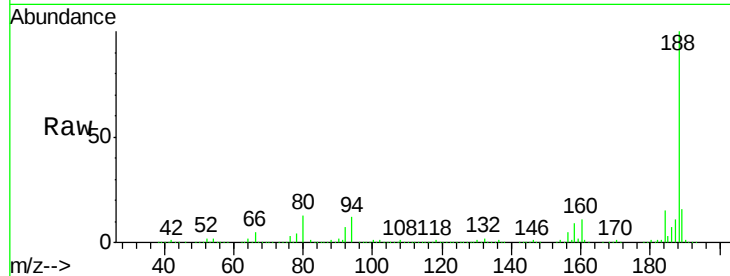




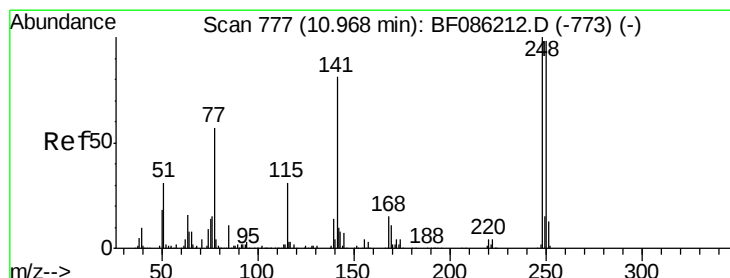
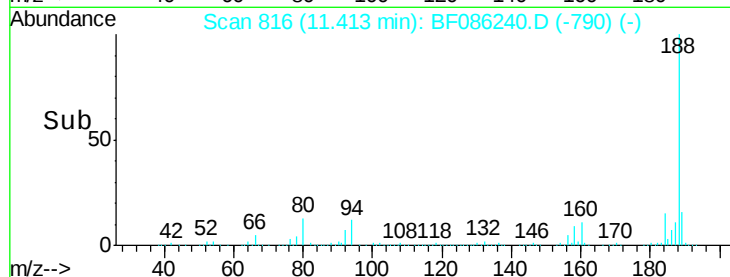
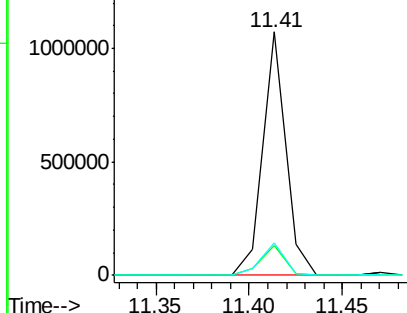
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086240.D
 Acq: 16 Apr 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH6

Tgt Ion:188 Resp: 913391
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.8 14.8
 80 13.3 10.5 15.7

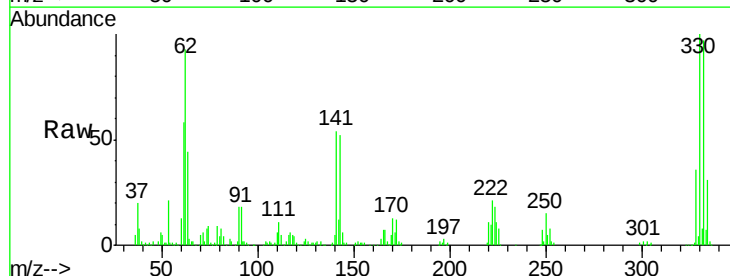


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

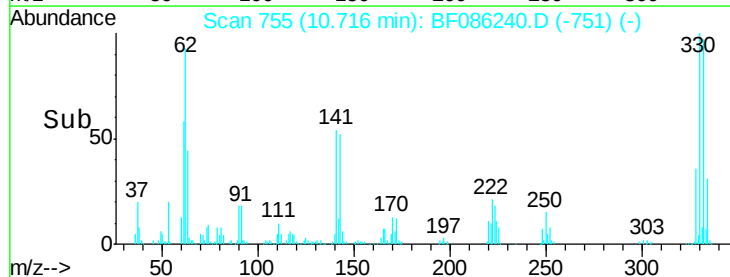
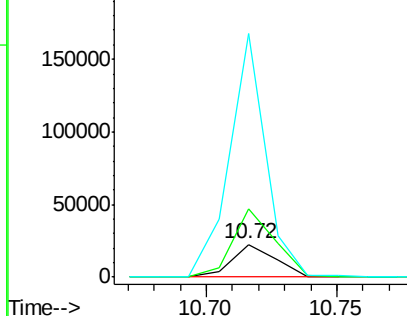


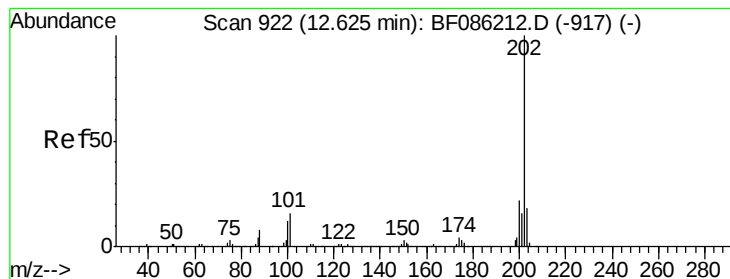
#66
 4-Bromophenyl-phenylether
 Concen: 3.02 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086240.D
 Acq: 16 Apr 2016 3:16

Tgt Ion:248 Resp: 25735
 Ion Ratio Lower Upper
 248 100
 250 208.7 78.6 118.0#
 141 747.0 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: BF086240.D

Acq: 16 Apr 2016 3:16

Instrument :

BNA_F

ClientSampleId :

CDMSH6

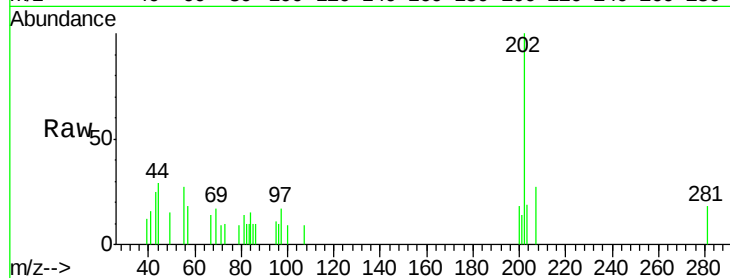
Tgt Ion:202 Resp: 4160

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

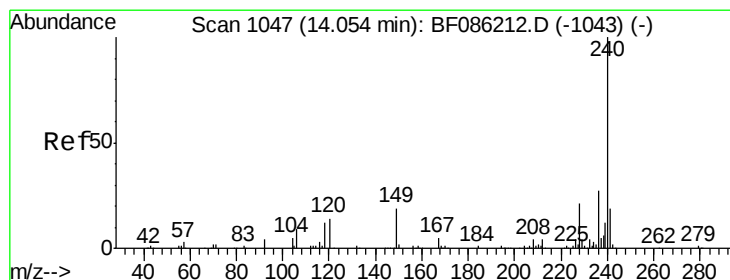
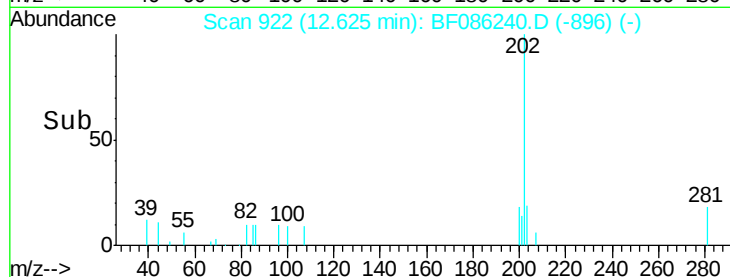
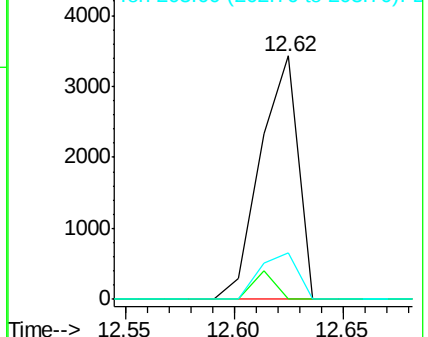
203 19.3 0.0 38.2



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: BF086240.D

Acq: 16 Apr 2016 3:16

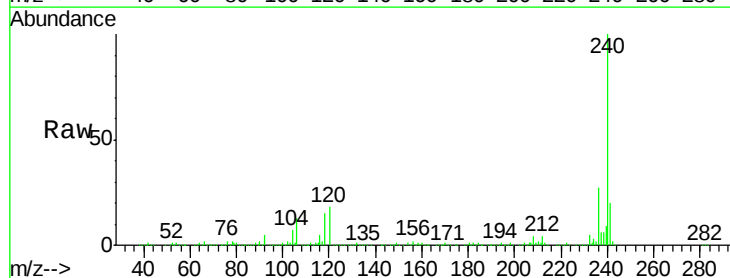
Tgt Ion:240 Resp: 600183

Ion Ratio Lower Upper

240 100

120 18.2 9.3 13.9#

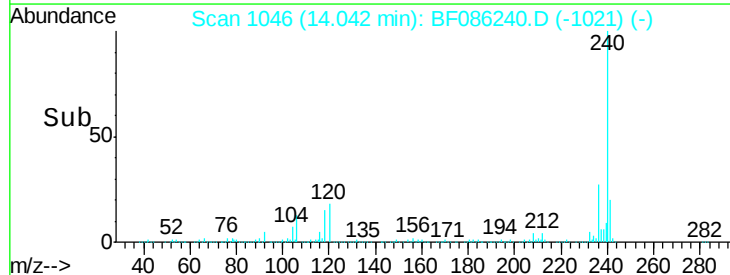
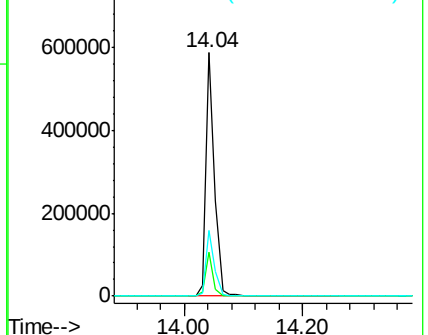
236 26.8 21.1 31.7

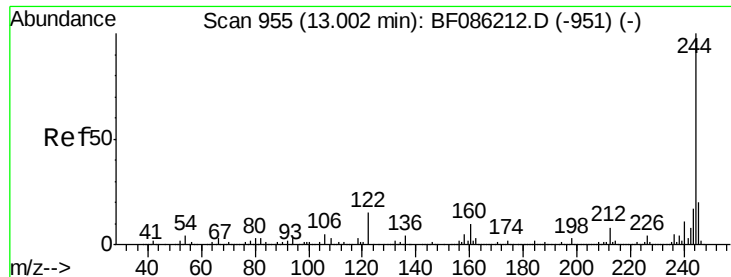


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

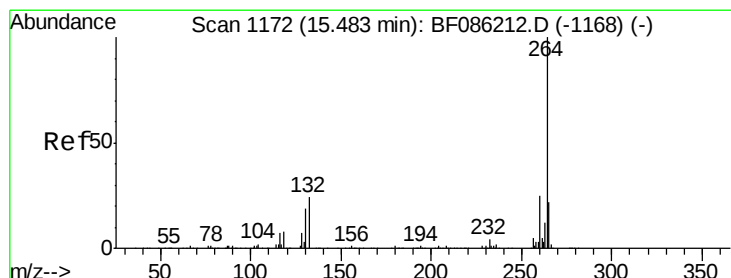
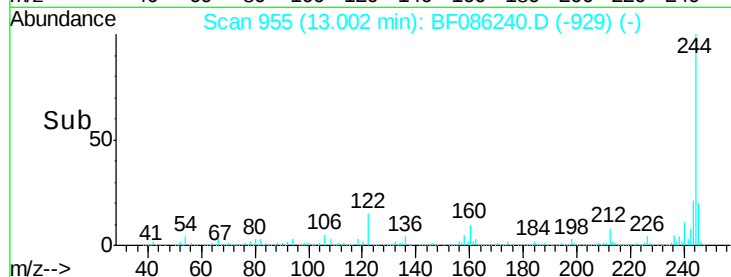
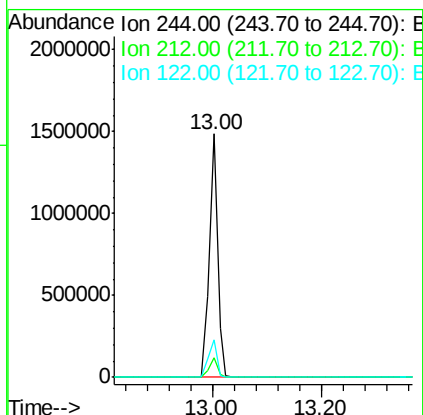
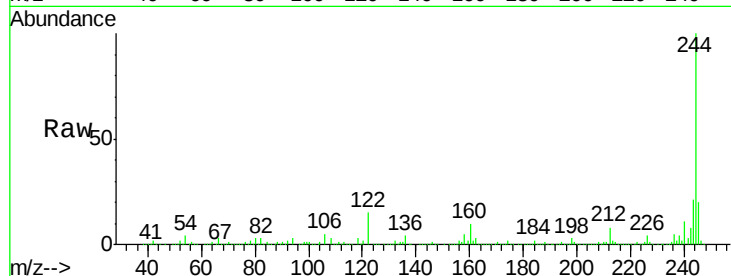




#78
 Terphenyl-d14
 Concen: 66.37 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086240.D
 Acq: 16 Apr 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH6

Tgt Ion:244 Resp: 1584125
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 15.4 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: BF086240.D
 Acq: 16 Apr 2016 3:16

Tgt Ion:264 Resp: 475849
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.8 17.4 26.0

