

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086258.D
 Acq On : 16 Apr 2016 11:39
 Operator : UM/SJ
 Sample : H2471-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSh2

Quant Time: Apr 18 04:00:00 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

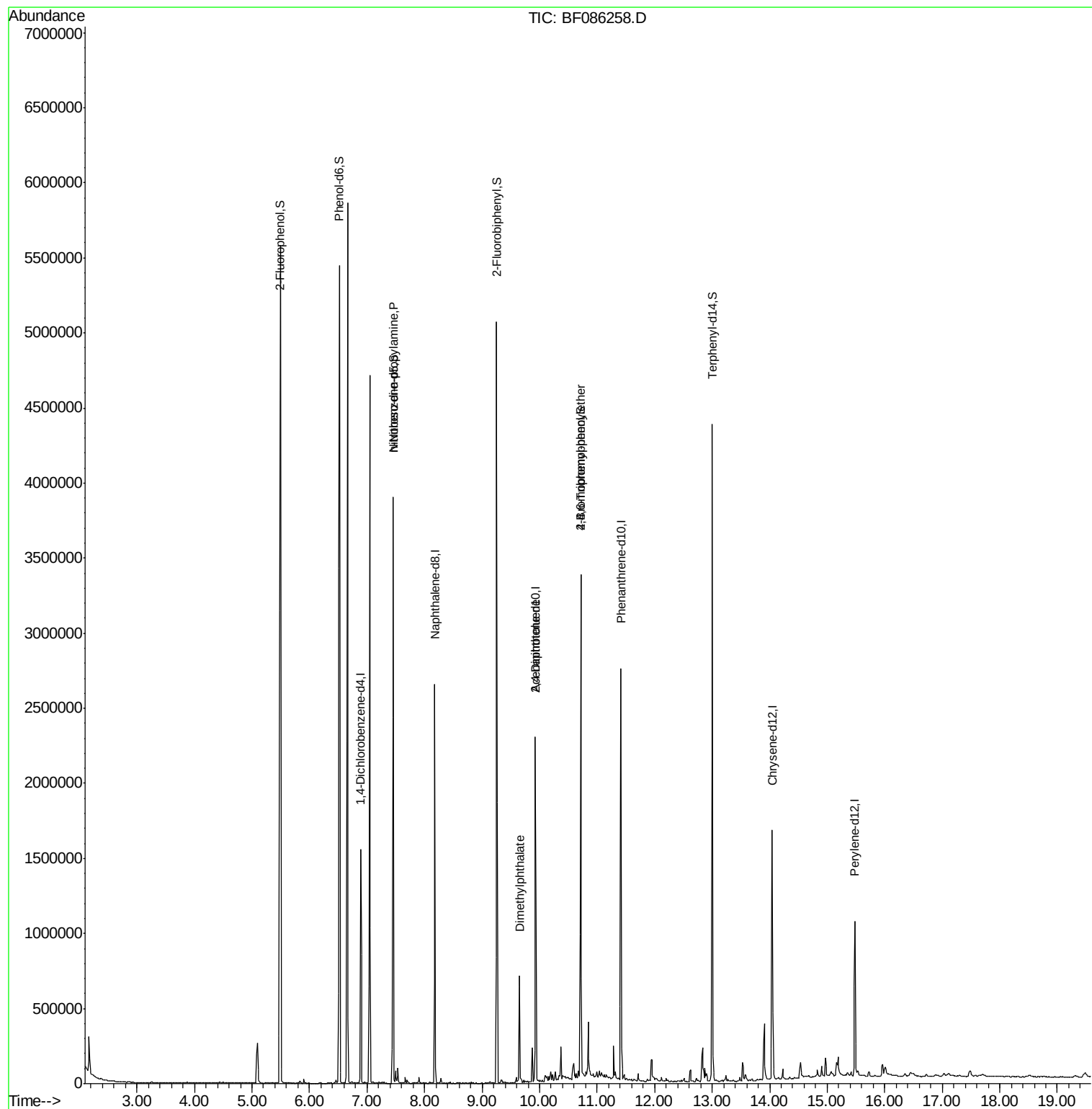
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	274280	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1167271	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	493710	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	898849	20.00	ng	0.00
75) Chrysene-d12	14.04	240	523514	20.00	ng	-0.01
86) Perylene-d12	15.48	264	474659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1736199	103.72	ng	0.01
7) Phenol-d6	6.52	99	2273444	108.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	1544070	76.30	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	378997	95.60	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1761655	65.84	ng	-0.01
78) Terphenyl-d14	13.00	244	1431243	68.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	214378	16.00	ng	# 77
22) Acetophenone	7.30	105	759	Below	Cal	# 41
49) Dimethylphthalate	9.65	163	427010	11.89	ng	98
56) 2,4-Dinitrotoluene	9.93	165	63155	6.21	ng	# 31
57) Fluorene	10.48	166	1095	Below	Cal	# 73
66) 4-Bromophenyl-phenylether	10.72	248	23846	2.85	ng	# 1
71) Anthracene	11.44	178	22186	Below	Cal	99
74) Fluoranthene	12.63	202	42700	Below	Cal	93

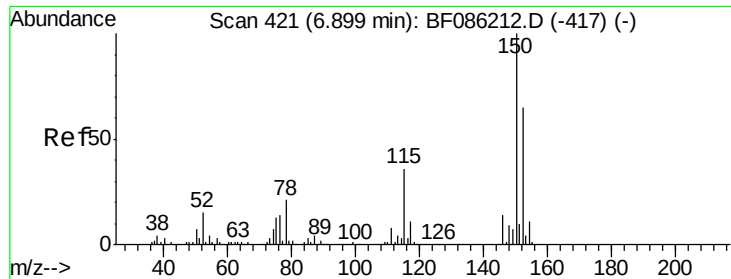
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086258.D

Acq: 16 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

CDMSH2

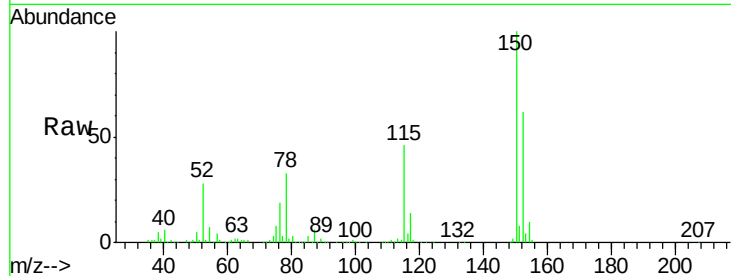
Tgt Ion:152 Resp: 274280

Ion Ratio Lower Upper

152 100

150 160.7 124.1 186.1

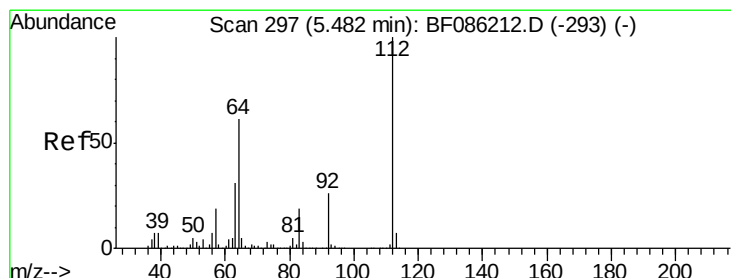
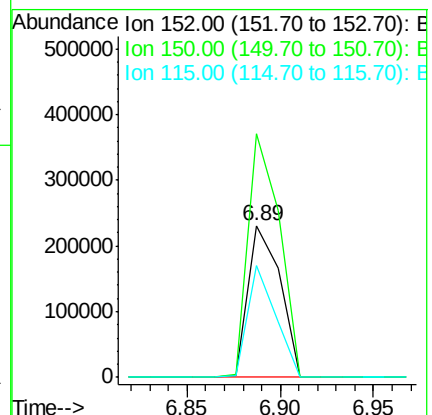
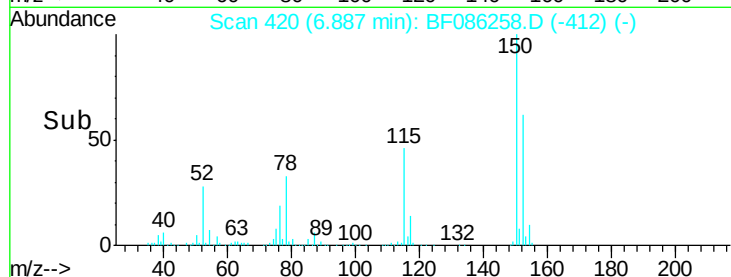
115 73.9 43.9 65.9#



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: 103.72 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086258.D

Acq: 16 Apr 2016 11:39

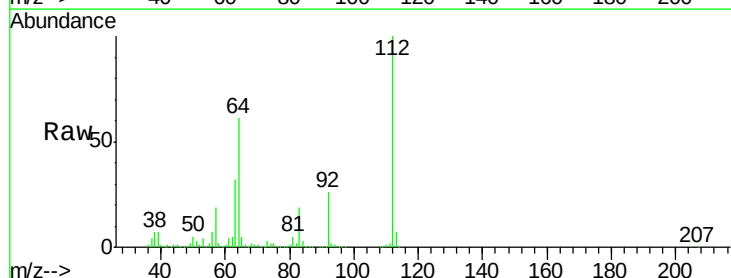
Tgt Ion:112 Resp: 1736199

Ion Ratio Lower Upper

112 100

64 60.9 48.1 72.1

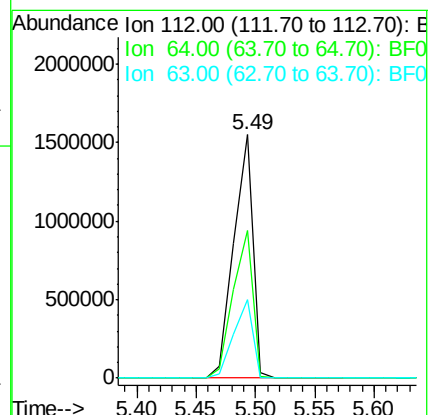
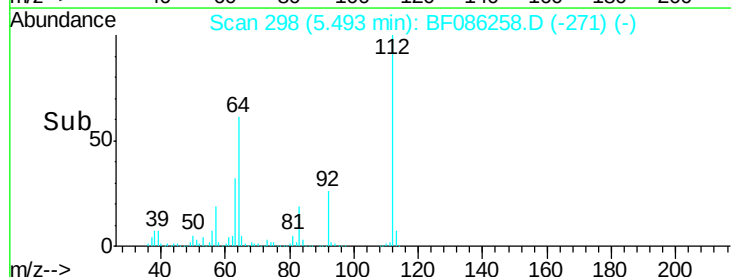
63 32.1 25.5 38.3

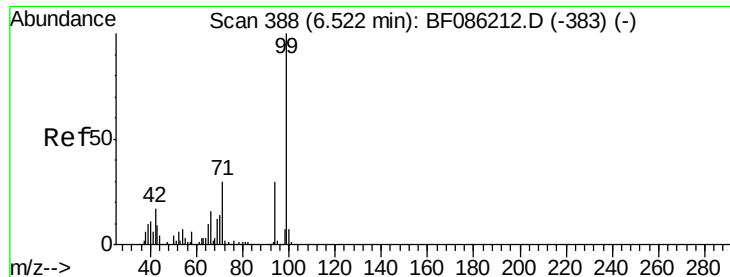


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.58 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086258.D

Acq: 16 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

CDMSH2

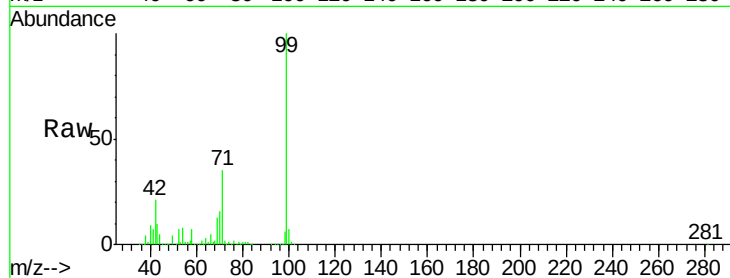
Tgt Ion: 99 Resp: 2273444

Ion Ratio Lower Upper

99 100

42 21.1 15.4 23.2

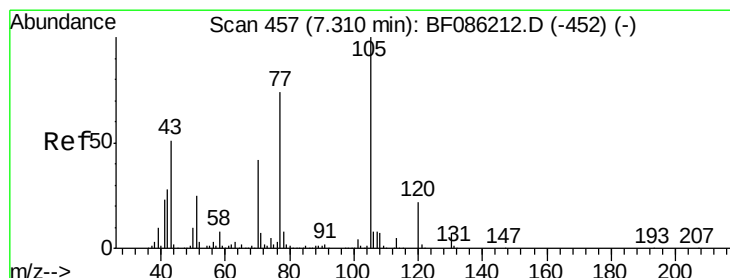
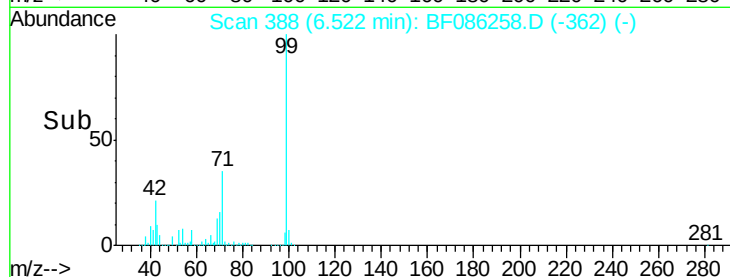
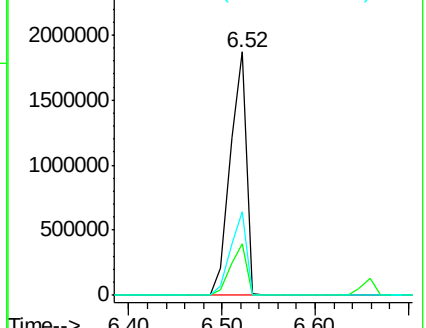
71 34.6 25.6 38.4



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: 16.00 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086258.D

Acq: 16 Apr 2016 11:39

Tgt Ion: 70 Resp: 214378

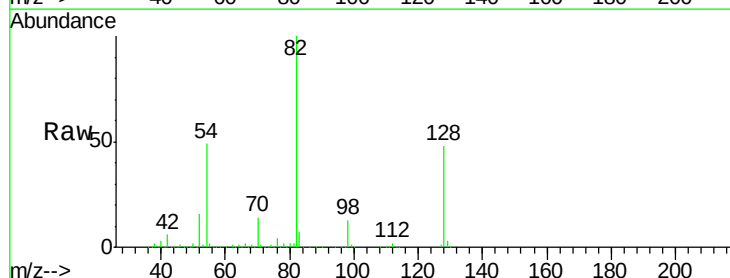
Ion Ratio Lower Upper

70 100

42 45.9 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#

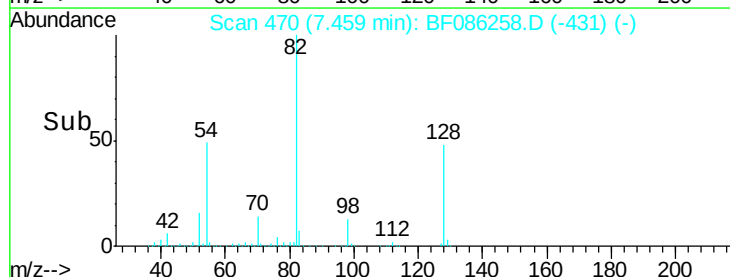
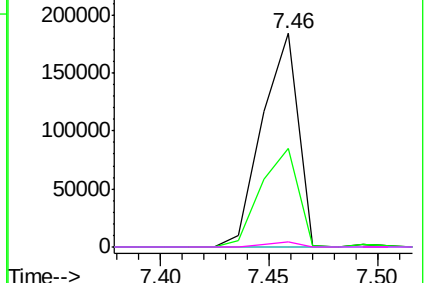


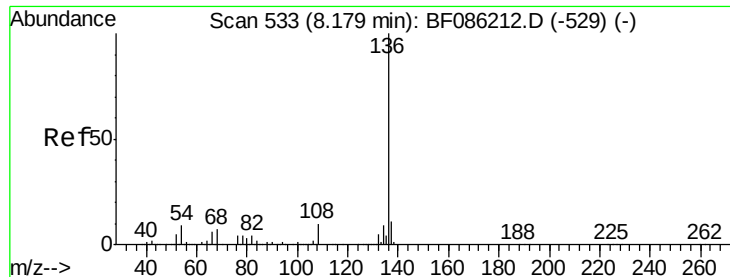
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

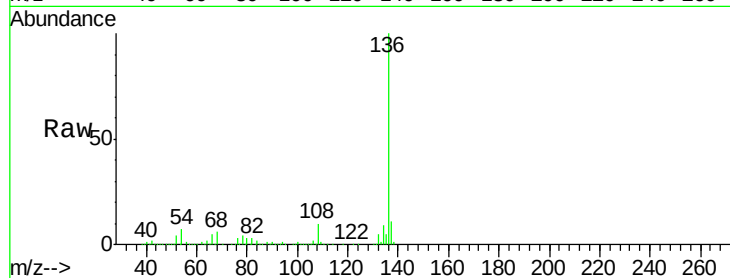




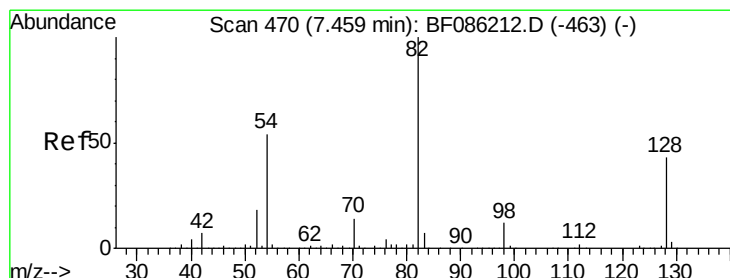
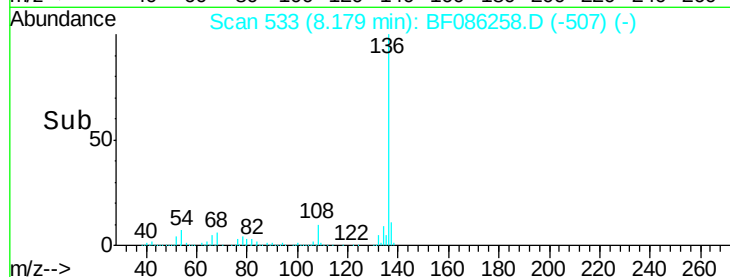
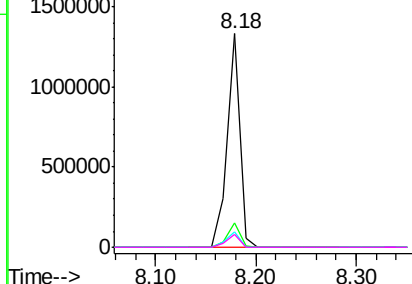
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086258.D
Acq: 16 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
CDMSH2

Tgt Ion:	136	Resp:	1167271
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	7.3	10.9
68	6.3	5.7	8.5

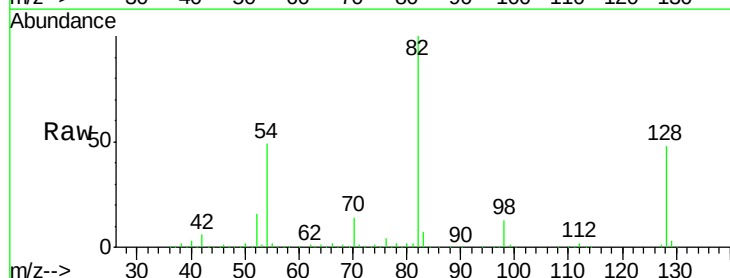


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

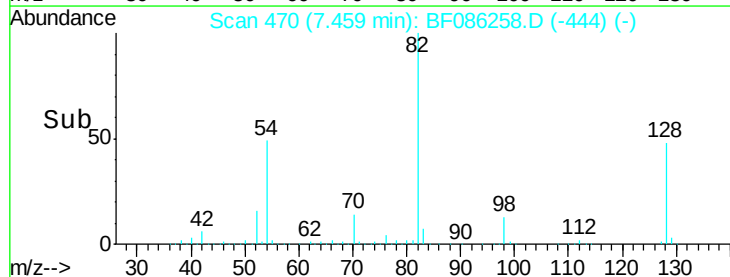
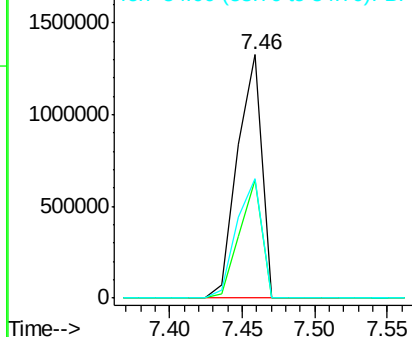


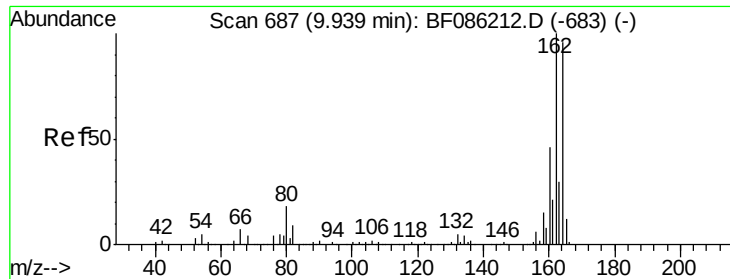
#23
Nitrobenzene-d5
Concen: 76.30 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086258.D
Acq: 16 Apr 2016 11:39

Tgt Ion:	82	Resp:	1544070
Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.4	53.2
54	49.0	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: BF086258.D

Acq: 16 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

CDMSH2

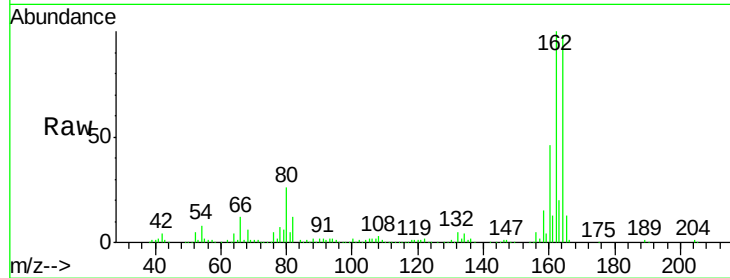
Tgt Ion:164 Resp: 493710

Ion Ratio Lower Upper

164 100

162 102.0 82.8 124.2

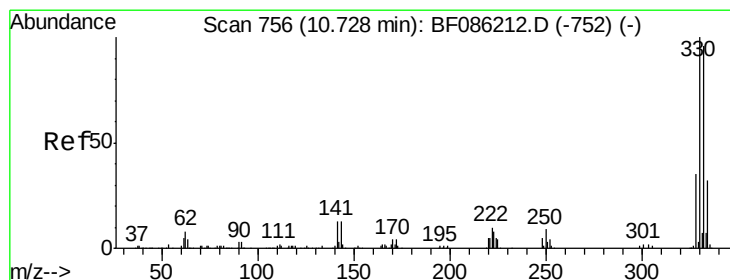
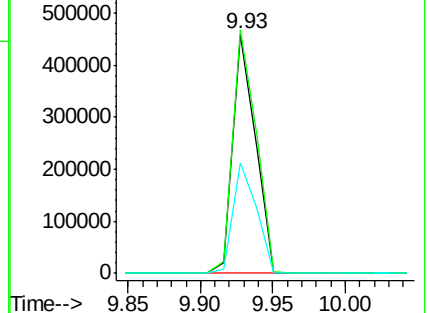
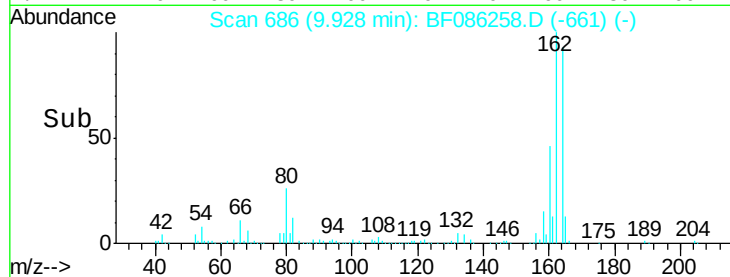
160 46.5 38.9 58.3



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: 95.60 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086258.D

Acq: 16 Apr 2016 11:39

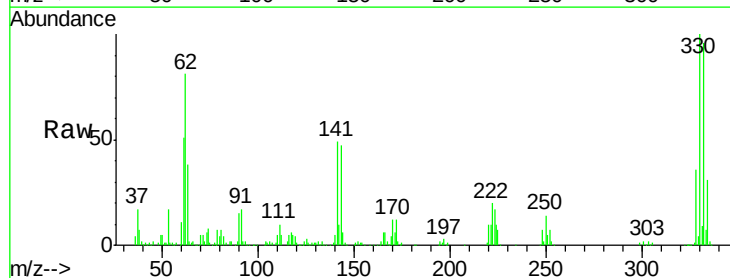
Tgt Ion:330 Resp: 378997

Ion Ratio Lower Upper

330 100

332 96.5 78.7 118.1

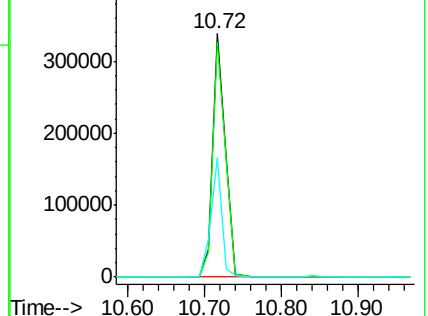
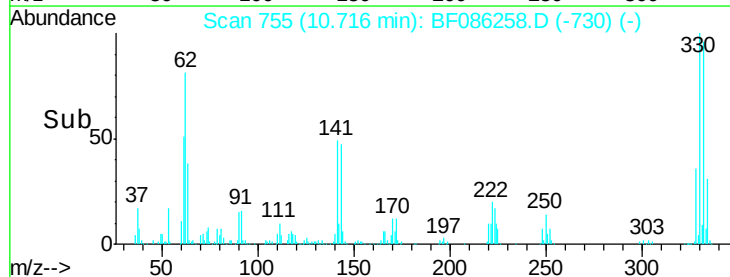
141 42.7 28.6 42.8

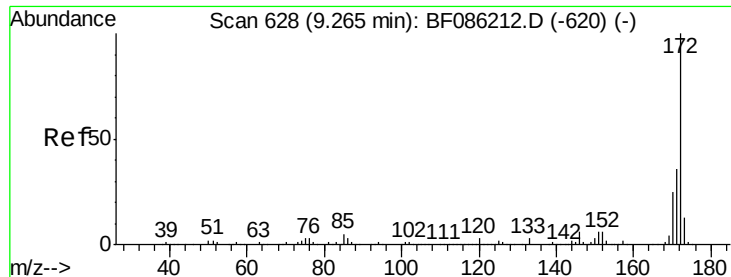


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

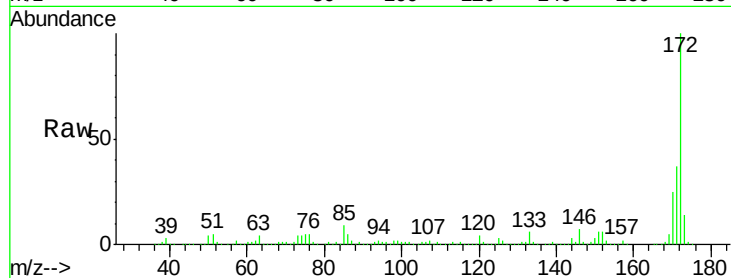




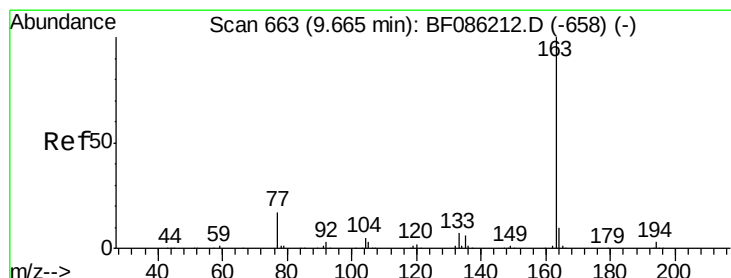
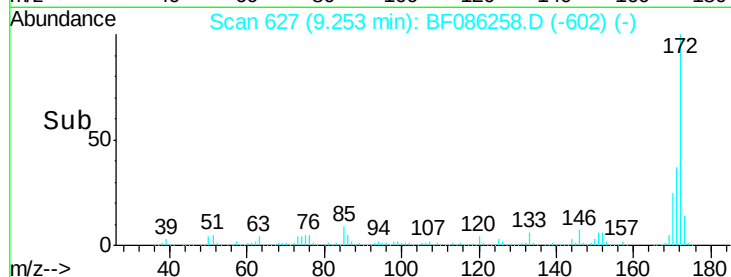
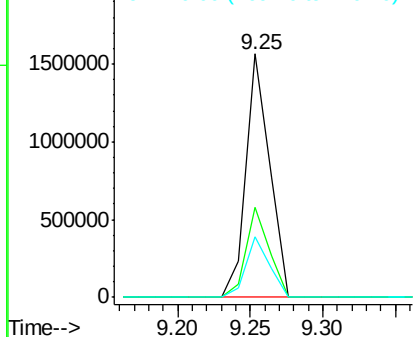
#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086258.D
 Acq: 16 Apr 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH2

Tgt Ion:172 Resp: 1761655
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 25.1 19.9 29.9

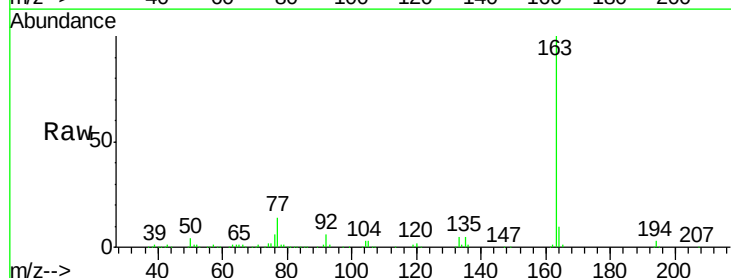


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

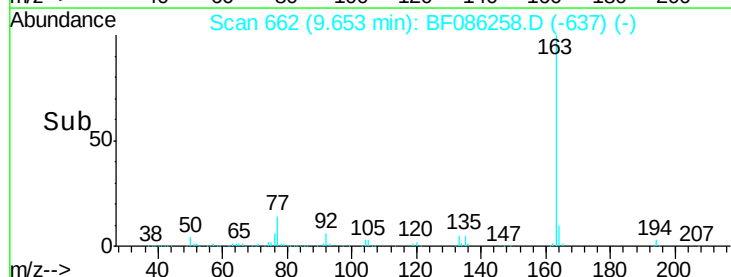
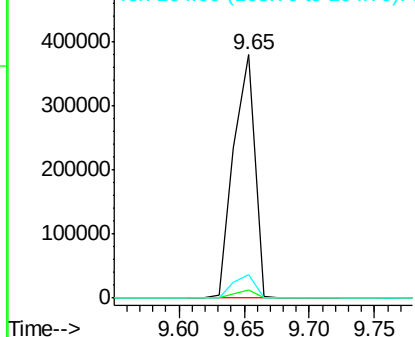


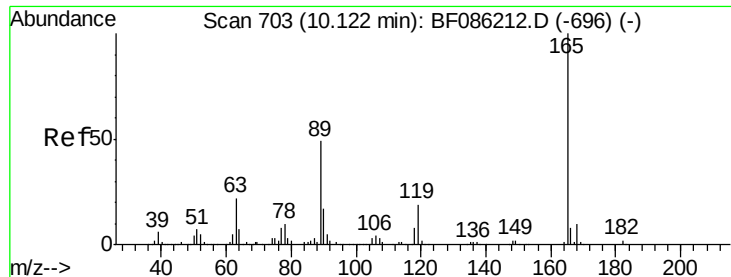
#49
 Dimethylphthalate
 Concen: 11.89 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086258.D
 Acq: 16 Apr 2016 11:39

Tgt Ion:163 Resp: 427010
 Ion Ratio Lower Upper
 163 100
 194 3.4 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

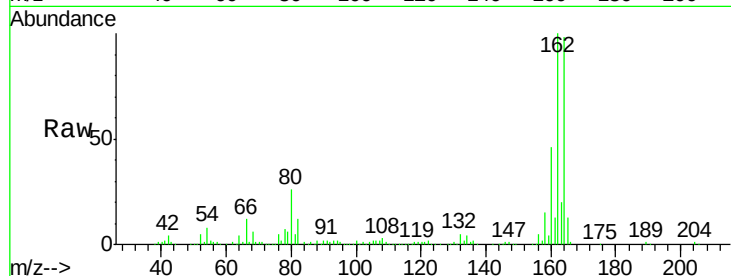




#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086258.D
Acq: 16 Apr 2016 11:39

Instrument :
BNA_F
ClientSampleId :
CDMSH2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	26.6	40.0#
89	1.8	49.5	74.3#
182	0.0	1.9	2.9#

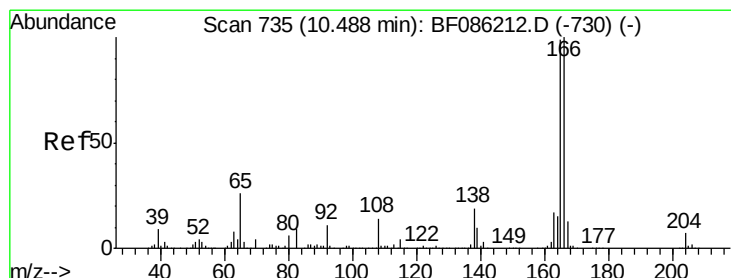
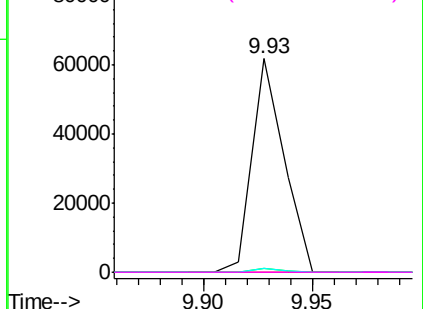
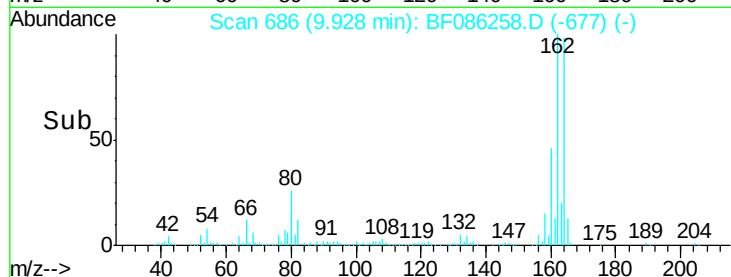


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

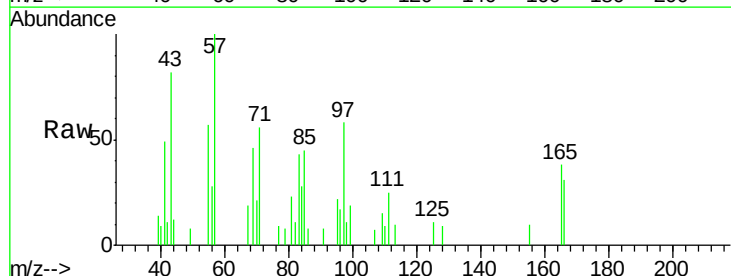
Ion 89.00 (88.70 to 89.70): BF0

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: BF086258.D
Acq: 16 Apr 2016 11:39

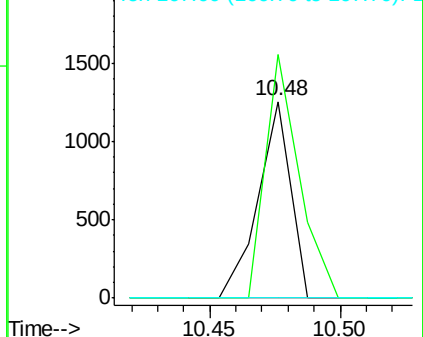
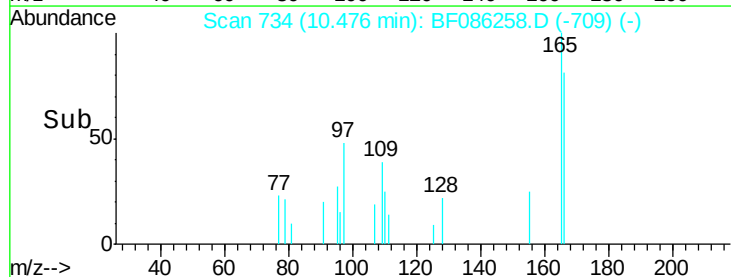
Tgt Ion	Ratio	Lower	Upper
166	100		
165	123.9	78.6	117.8#
167	0.0	10.4	15.6#

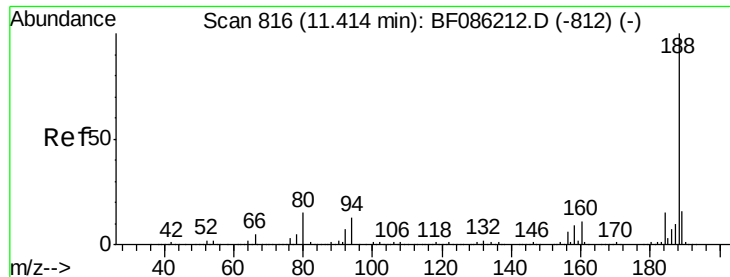


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

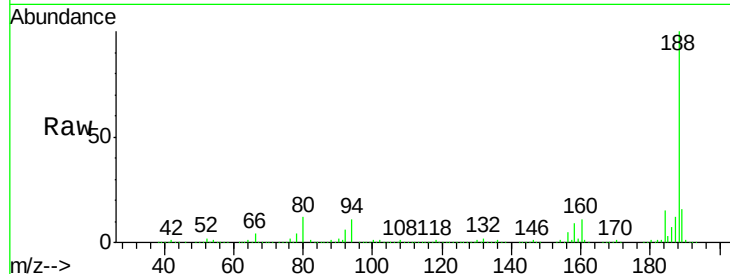




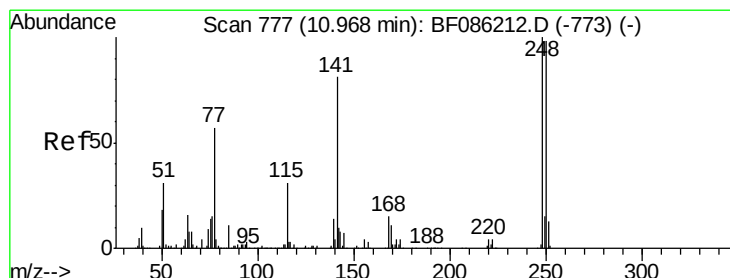
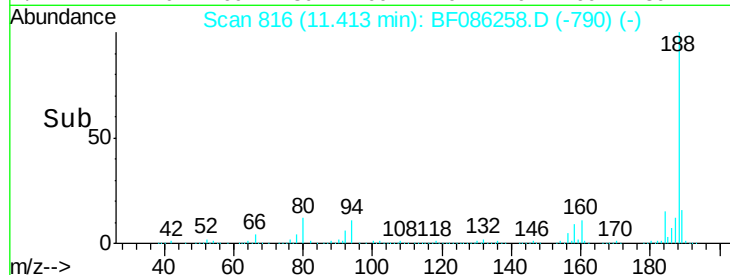
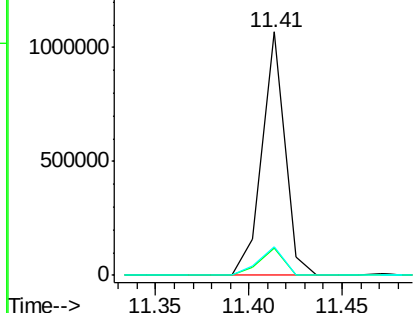
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086258.D
 Acq: 16 Apr 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 CDMSh2

Tgt Ion:188 Resp: 898849
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.8 14.8
 80 11.6 10.5 15.7

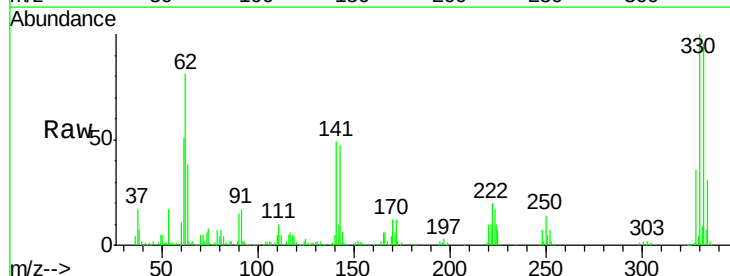


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

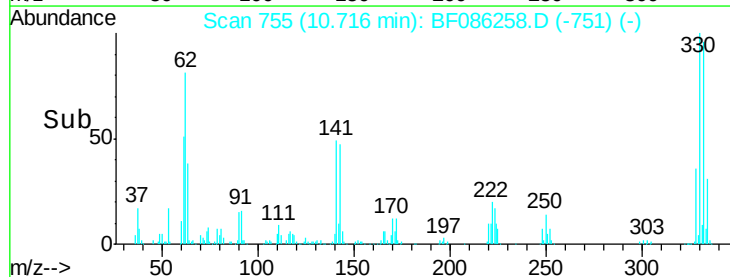
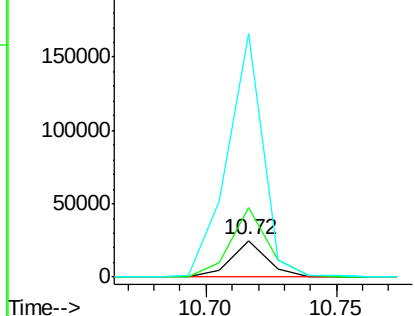


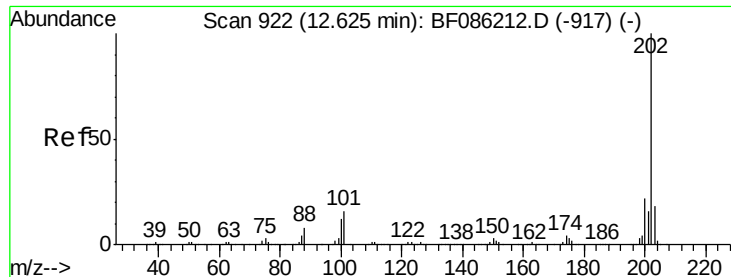
#66
 4-Bromophenyl-phenylether
 Concen: 2.85 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086258.D
 Acq: 16 Apr 2016 11:39

Tgt Ion:248 Resp: 23846
 Ion Ratio Lower Upper
 248 100
 250 188.3 78.6 118.0#
 141 662.6 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: BF086258.D

Acq: 16 Apr 2016 11:39

Instrument :

BNA_F

ClientSampleId :

CDMSH2

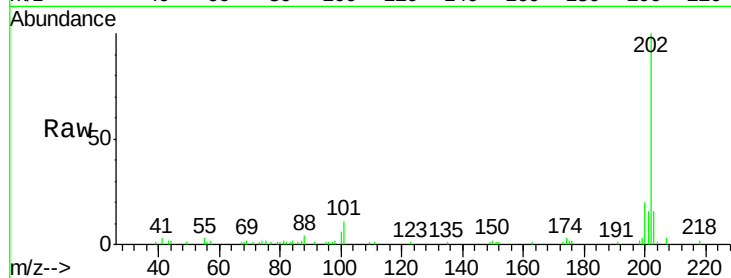
Tgt Ion:202 Resp: 42700

Ion Ratio Lower Upper

202 100

101 10.6 0.0 35.2

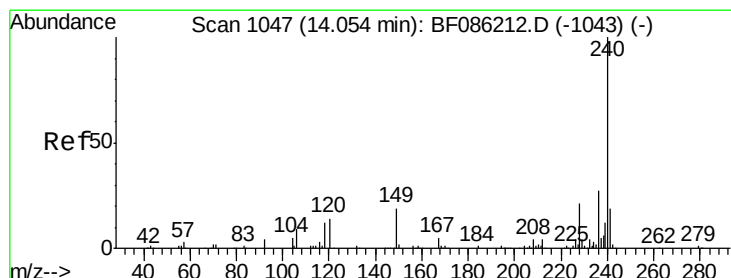
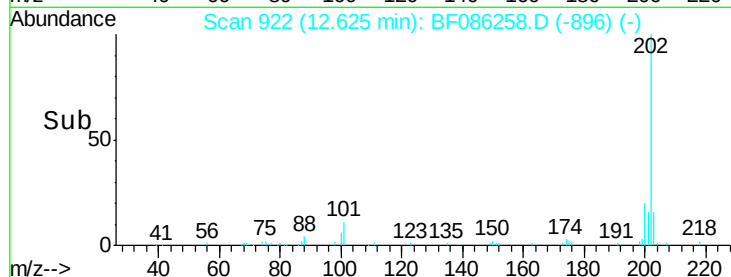
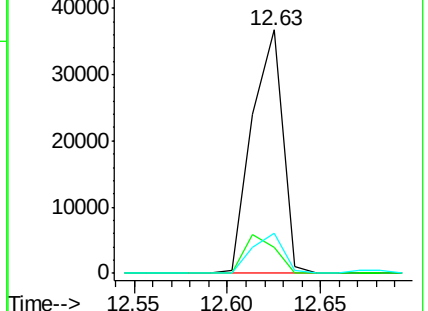
203 16.2 0.0 38.2



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: BF086258.D

Acq: 16 Apr 2016 11:39

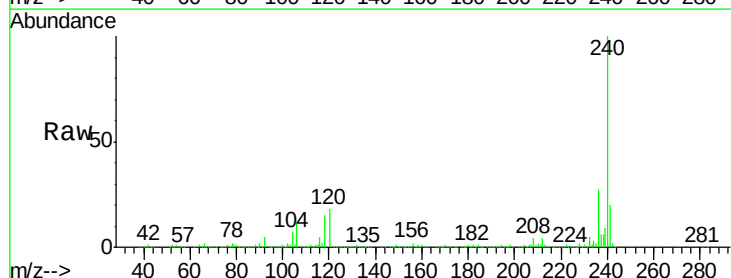
Tgt Ion:240 Resp: 523514

Ion Ratio Lower Upper

240 100

120 17.7 9.3 13.9#

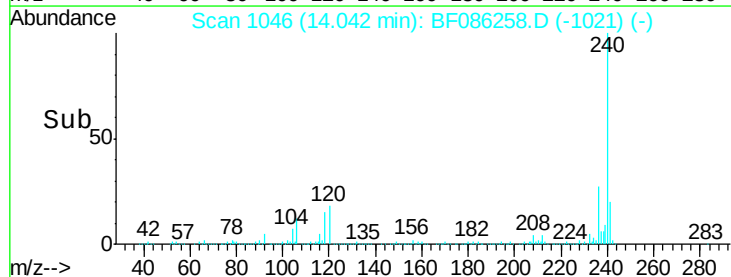
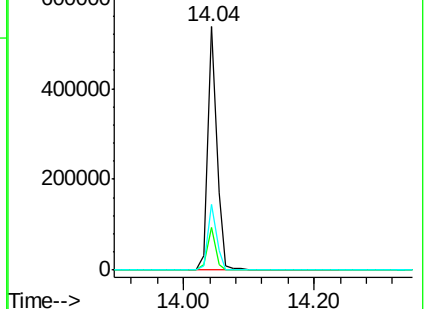
236 27.1 21.1 31.7

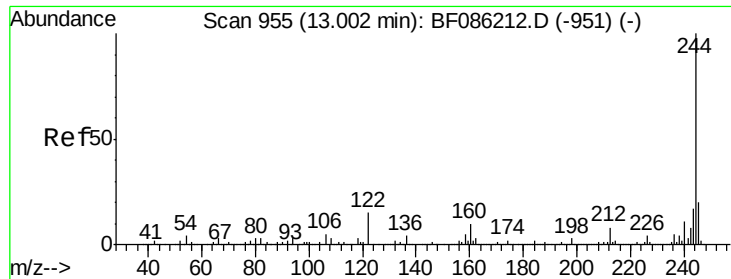


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

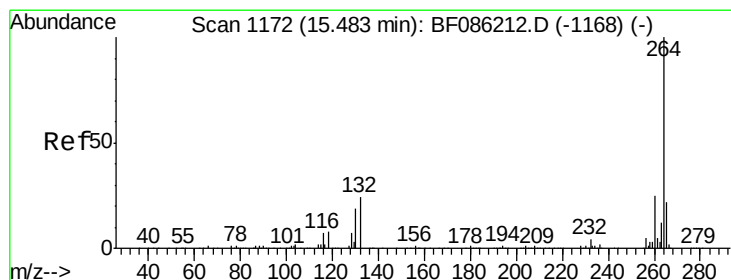
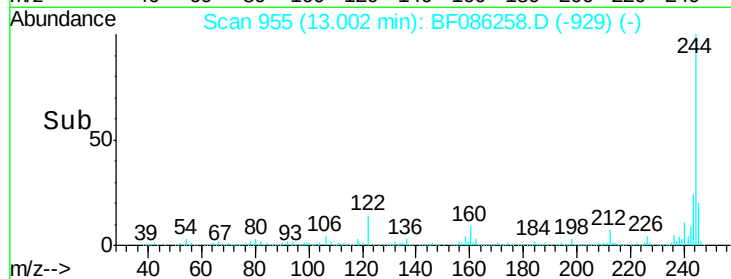
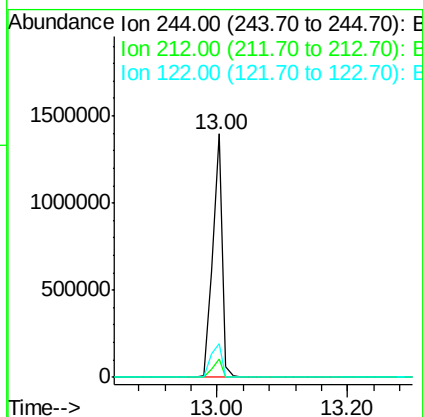
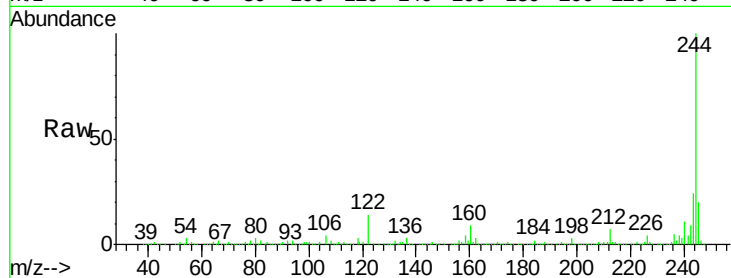




#78
 Terphenyl-d14
 Concen: 68.75 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086258.D
 Acq: 16 Apr 2016 11:39

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH2

Tgt Ion:244 Resp: 1431243
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 13.7 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: BF086258.D
 Acq: 16 Apr 2016 11:39

Tgt Ion:264 Resp: 474659
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.0 30.0
 265 21.3 17.4 26.0

