

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086242.D
 Acq On : 16 Apr 2016 4:12
 Operator : UM/SJ
 Sample : H2471-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH8

Quant Time: Apr 16 05:14:59 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	288243	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1199802	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	519836	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	922720	20.00	ng	0.00
75) Chrysene-d12	14.04	240	598451	20.00	ng	-0.01
86) Perylene-d12	15.48	264	482282	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1638582	93.14	ng	0.01
7) Phenol-d6	6.52	99	2166069	98.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1439705	69.21	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	384535	92.12	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1771360	62.88	ng	-0.01
78) Terphenyl-d14	13.00	244	1471935	61.85	ng	0.00

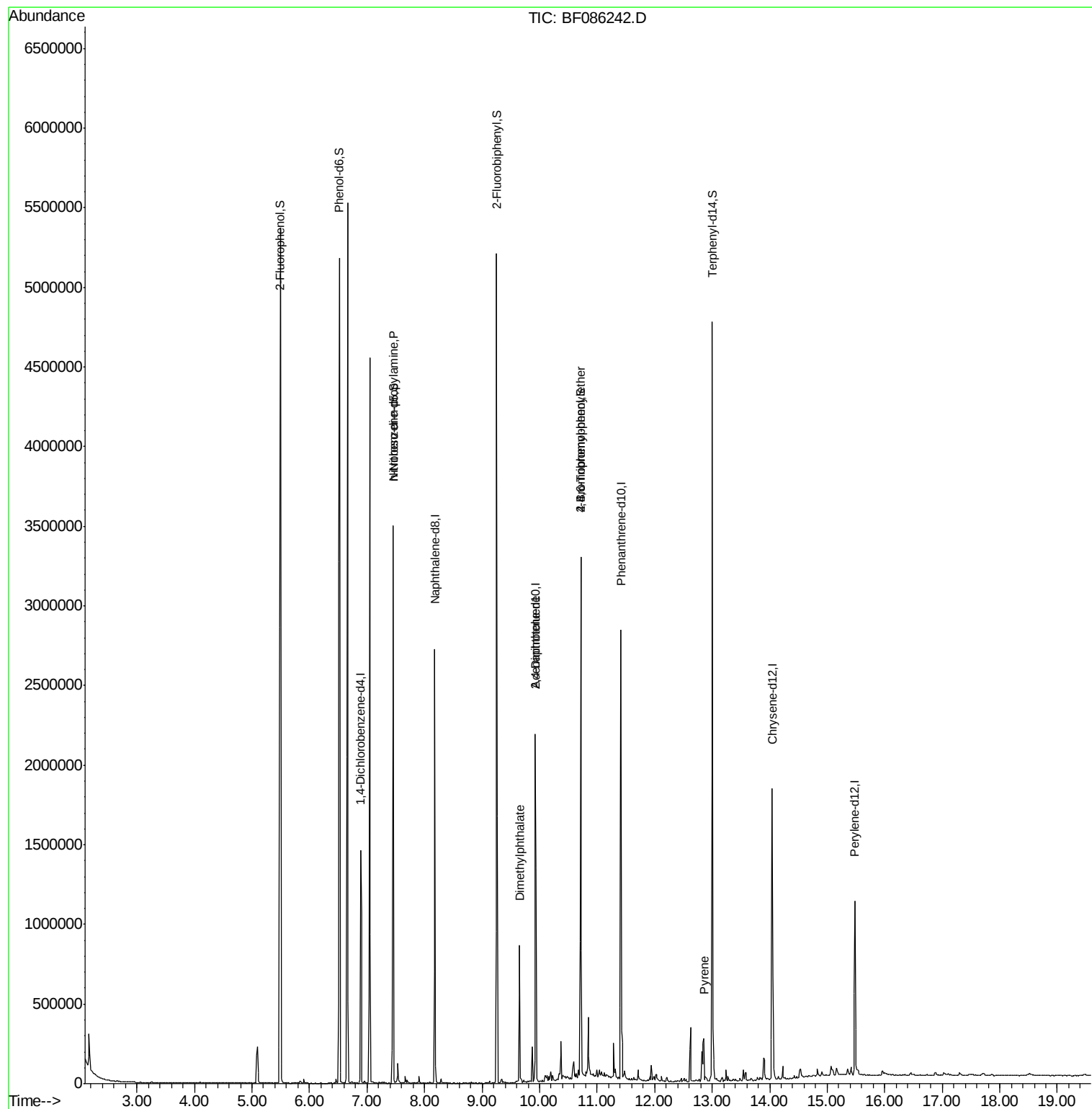
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	194834	13.84	ng	# 75
22) Acetophenone	7.30	105	360	Below Cal		# 23
49) Dimethylphthalate	9.65	163	461571	12.21	ng	98
56) 2,4-Dinitrotoluene	9.93	165	68551	6.40	ng	# 31
57) Fluorene	10.48	166	1582	Below Cal		# 73
66) 4-Bromophenyl-phenylether	10.72	248	22564	2.62	ng	# 1
71) Anthracene	11.48	178	18334	Below Cal		95
74) Fluoranthene	12.63	202	163790	Below Cal		90
77) Pyrene	12.85	202	145748	3.17	ng	96

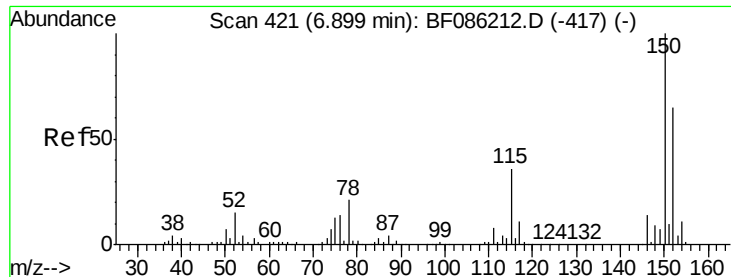
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

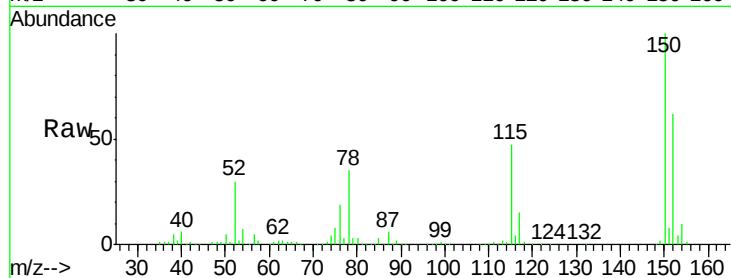
Tgt Ion:152 Resp: 288243

Ion Ratio Lower Upper

152 100

150 161.5 124.1 186.1

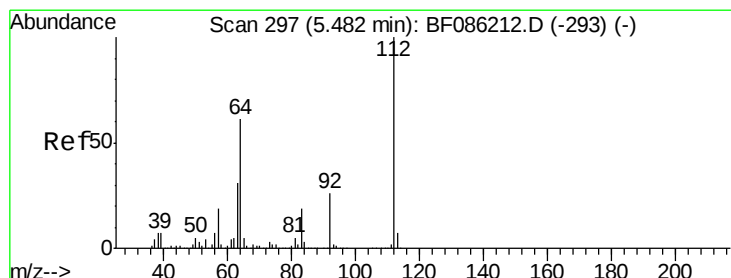
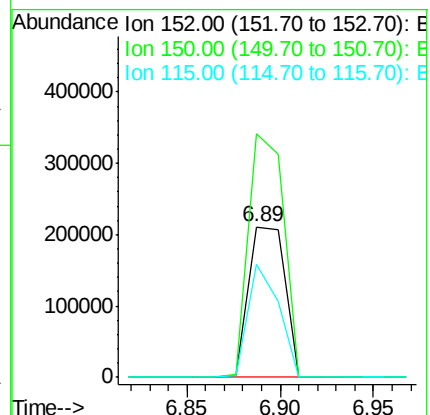
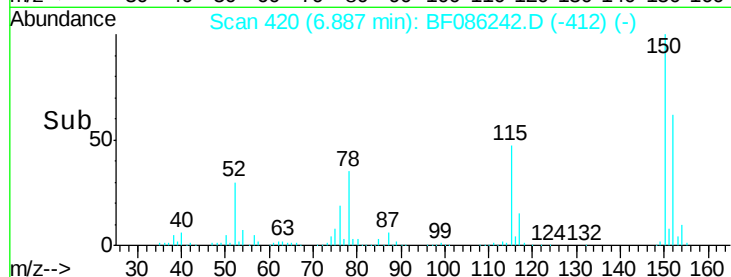
115 75.3 43.9 65.9#



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: 93.14 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

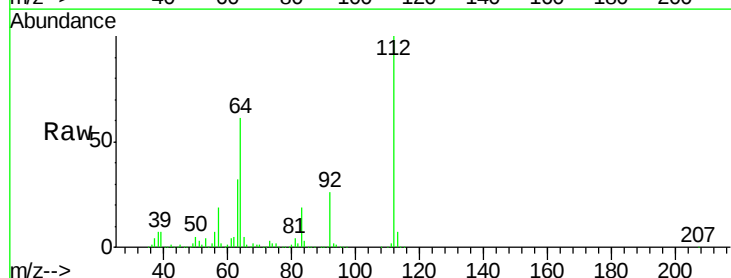
Tgt Ion:112 Resp: 1638582

Ion Ratio Lower Upper

112 100

64 60.7 48.1 72.1

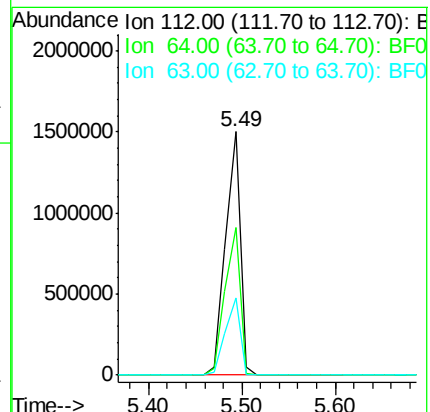
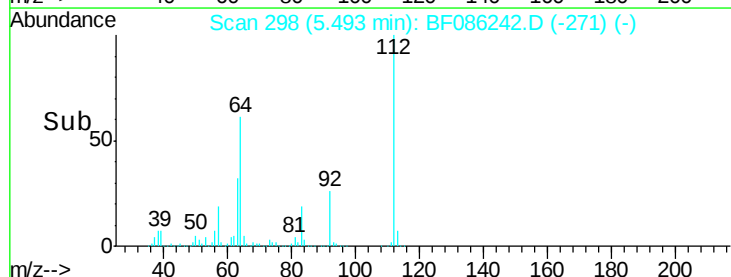
63 31.6 25.5 38.3

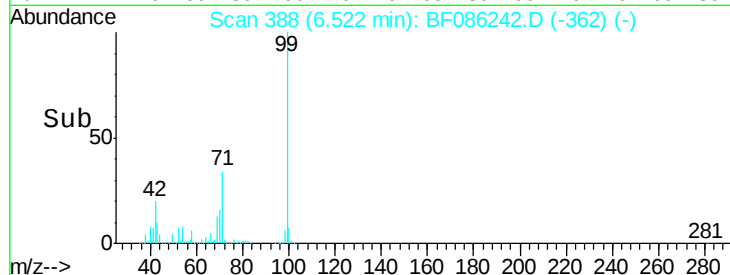
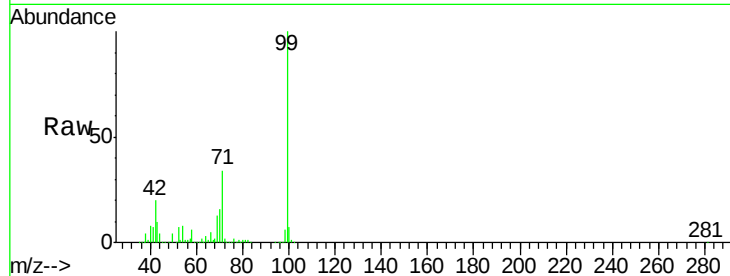
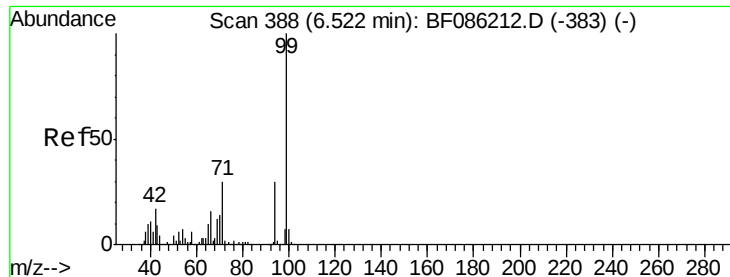


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.44 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

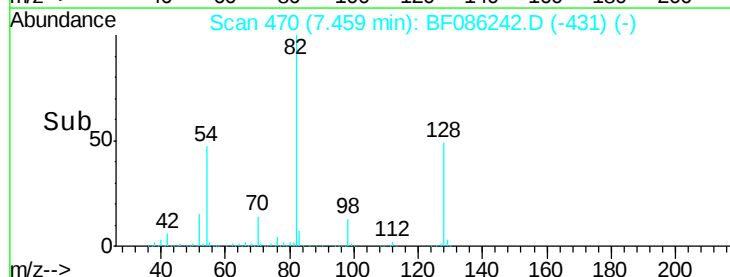
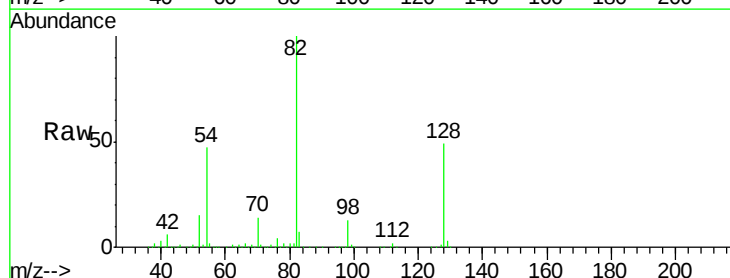
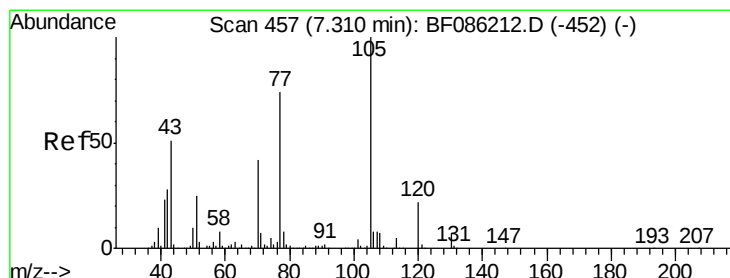
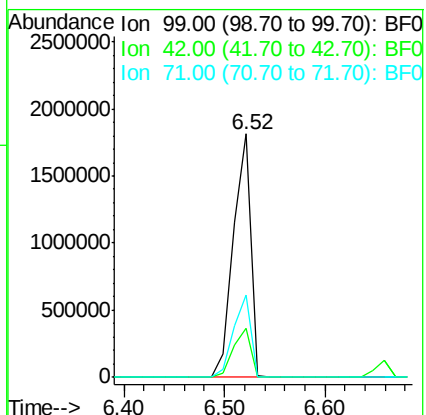
Tgt Ion: 99 Resp: 2166069

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.2

71 33.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.84 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Tgt Ion: 70 Resp: 194834

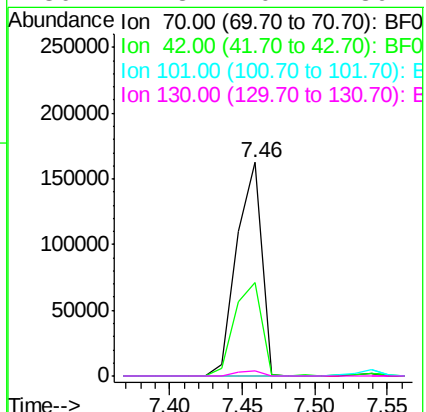
Ion Ratio Lower Upper

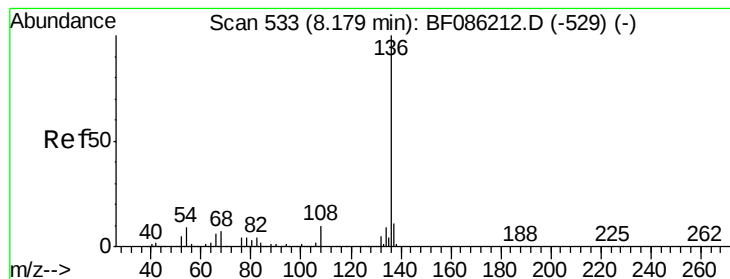
70 100

42 43.5 43.0 64.4

101 0.0 8.1 12.1#

130 2.3 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: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

Tgt Ion:136 Resp: 1199802

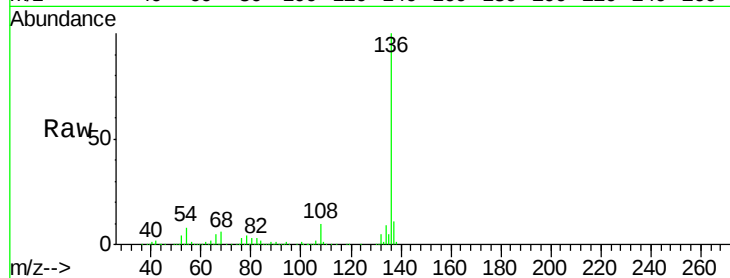
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.5 7.3 10.9

68 6.1 5.7 8.5

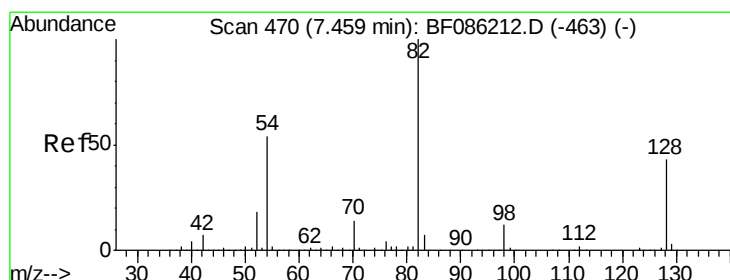
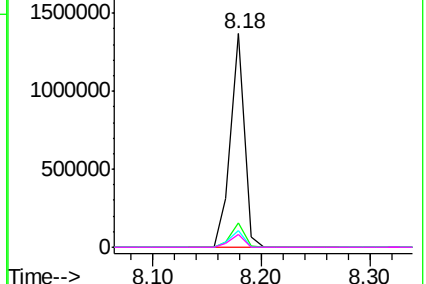
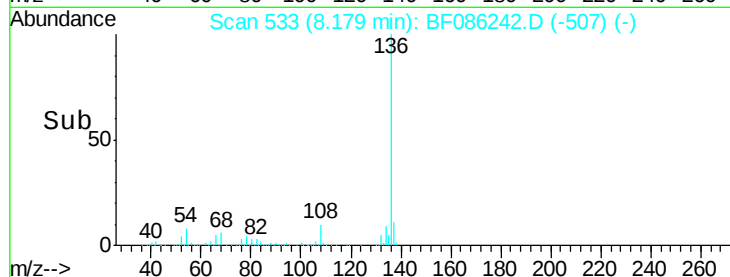


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 69.21 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

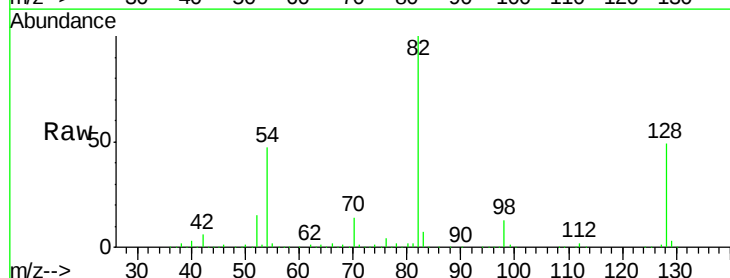
Tgt Ion: 82 Resp: 1439705

Ion Ratio Lower Upper

82 100

128 49.3 35.4 53.2

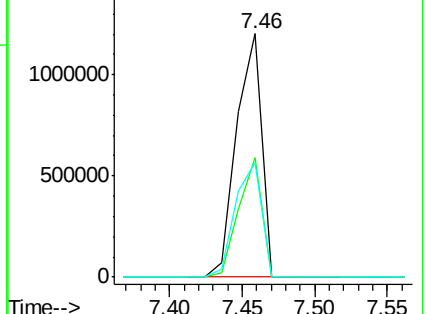
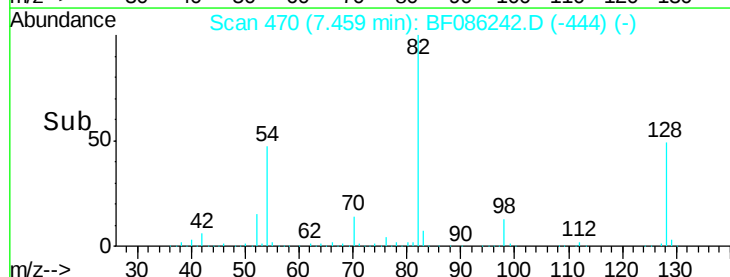
54 47.2 43.4 65.0

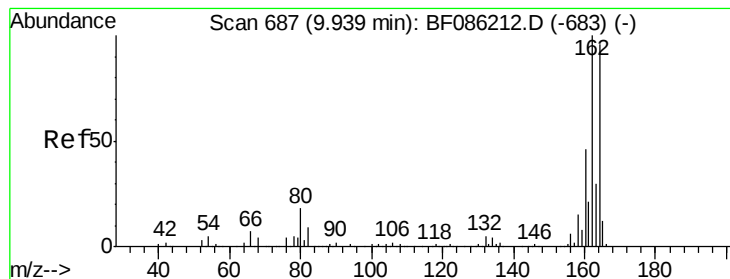


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

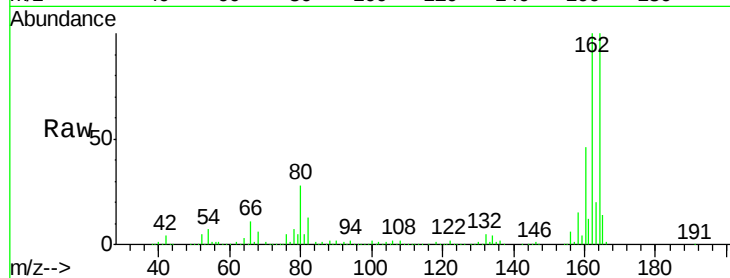
Tgt Ion:164 Resp: 519836

Ion Ratio Lower Upper

164 100

162 99.9 82.8 124.2

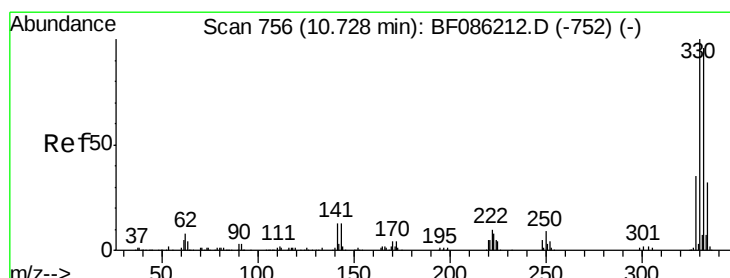
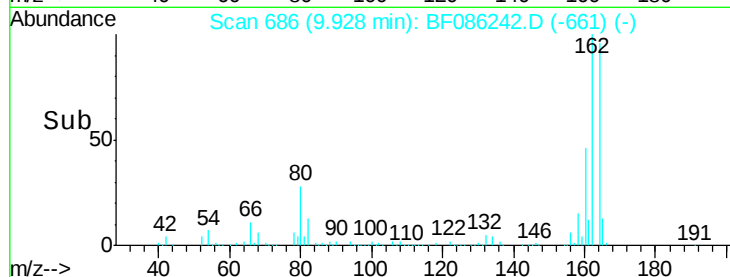
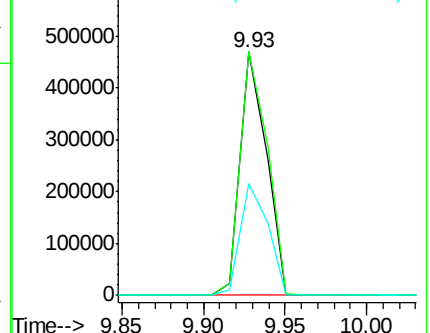
160 46.1 38.9 58.3



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: 92.12 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

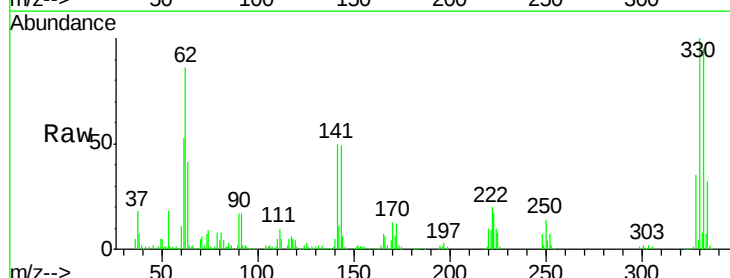
Tgt Ion:330 Resp: 384535

Ion Ratio Lower Upper

330 100

332 95.9 78.7 118.1

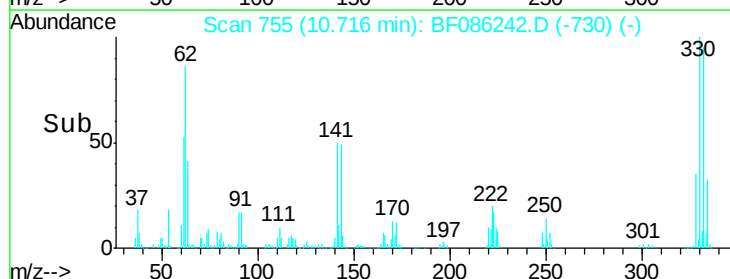
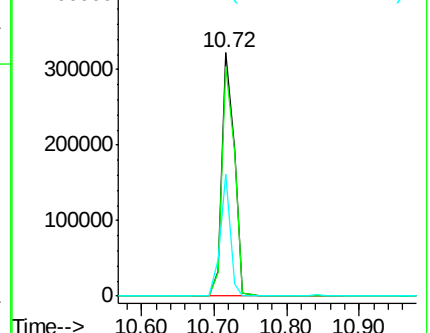
141 41.6 28.6 42.8

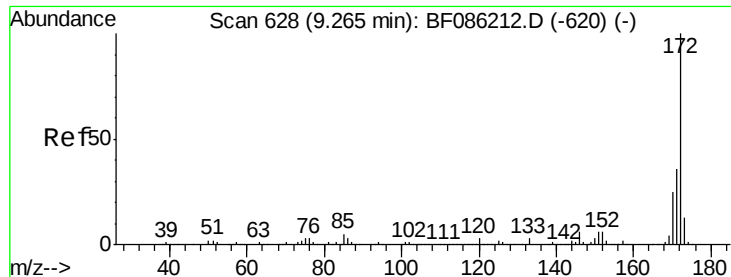


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

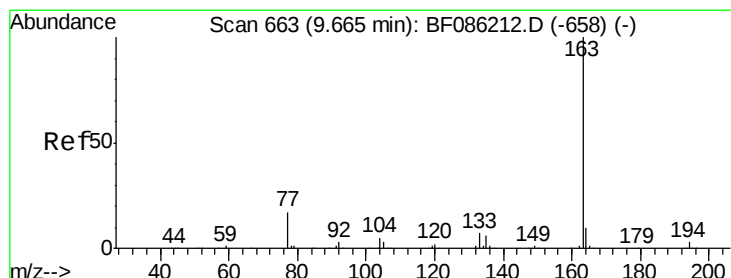
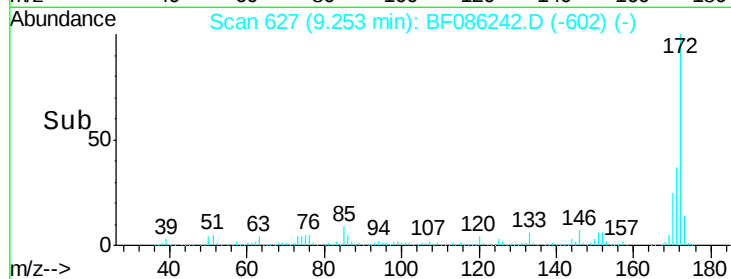
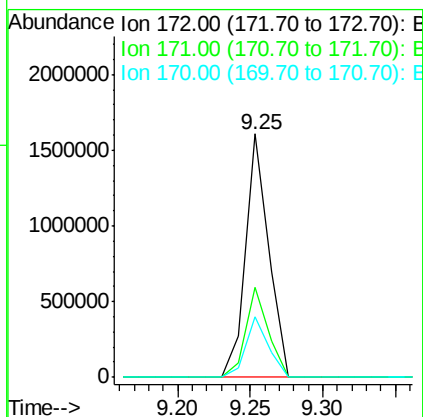
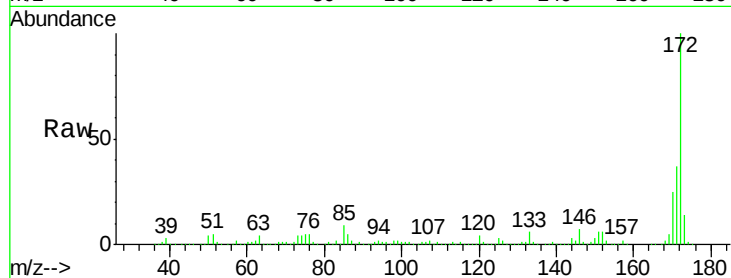




#44
 2-Fluorobiphenyl
 Concen: 62.88 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

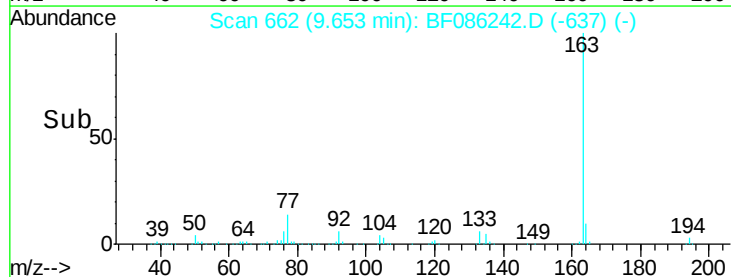
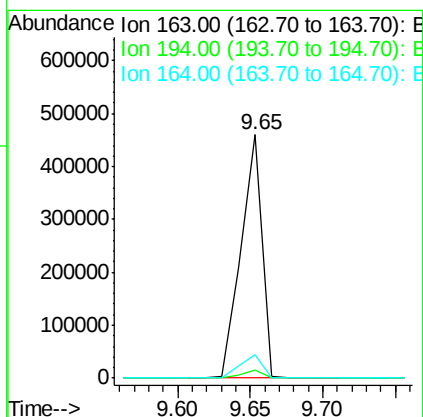
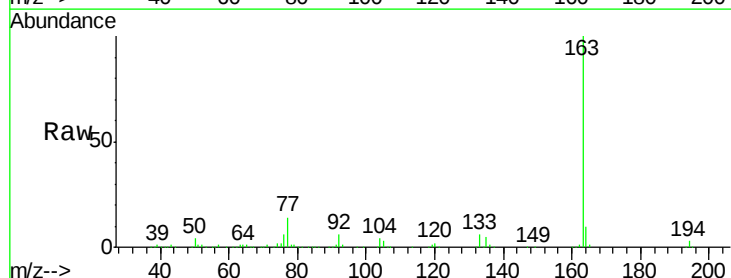
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH8

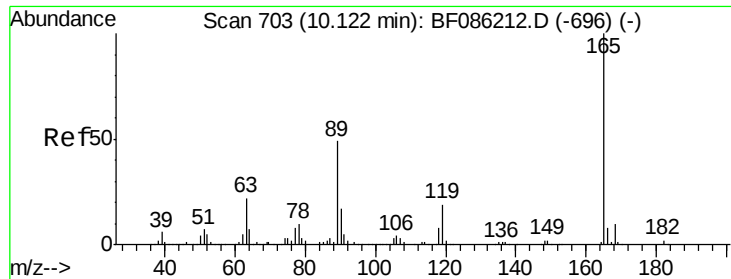
Tgt Ion:172 Resp: 1771360
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.1 43.7
 170 24.9 19.9 29.9



#49
 Dimethylphthalate
 Concen: 12.21 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Tgt Ion:163 Resp: 461571
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 9.7 8.4 12.6

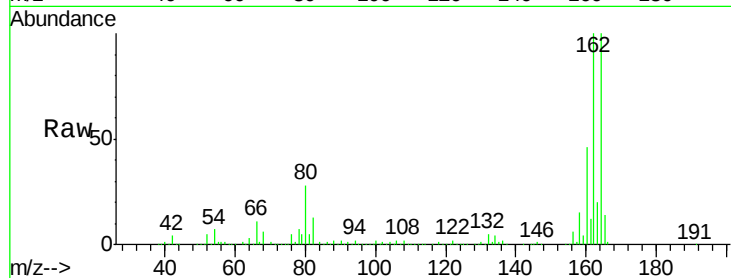




#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086242.D
Acq: 16 Apr 2016 4:12

Instrument :
BNA_F
ClientSampleId :
CDMSH8

Tgt Ion:	165	Resp:	68551
Ion Ratio	Lower	Upper	
165	100		
63	1.3	26.6	40.0#
89	1.7	49.5	74.3#
182	0.0	1.9	2.9#

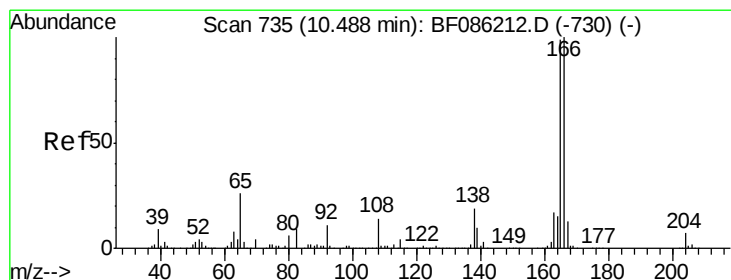
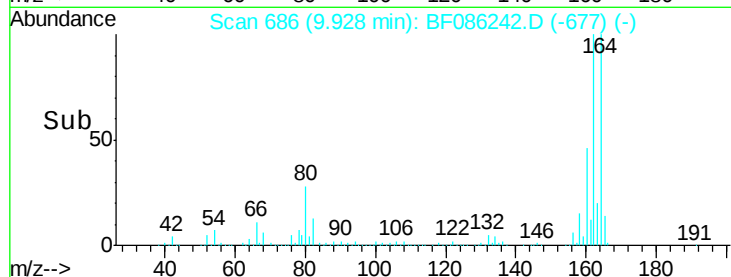
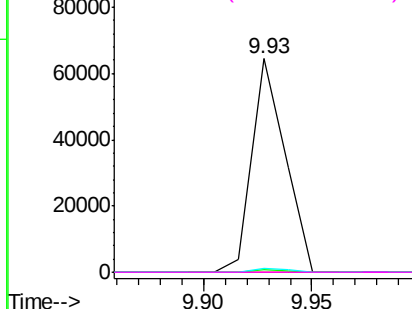


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

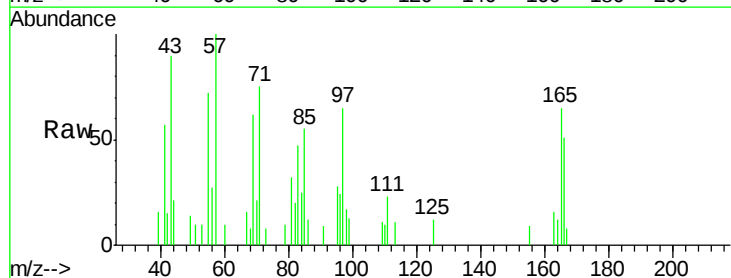
Ion 89.00 (88.70 to 89.70): BF0

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: BF086242.D
Acq: 16 Apr 2016 4:12

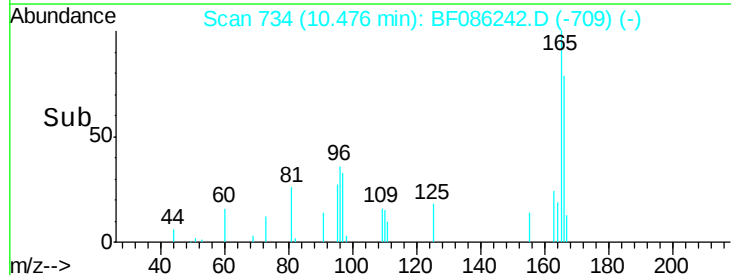
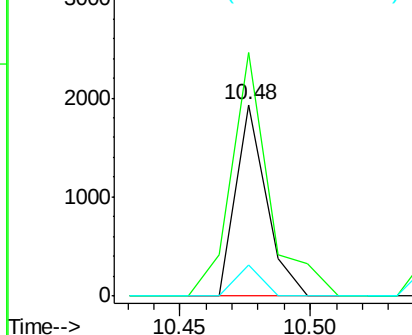
Tgt Ion:	166	Resp:	1582
Ion Ratio	Lower	Upper	
166	100		
165	127.2	78.6	117.8#
167	16.4	10.4	15.6#

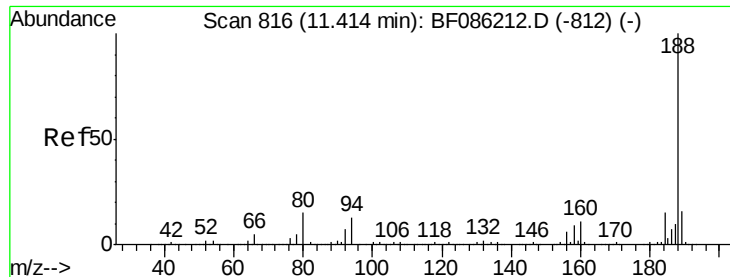


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

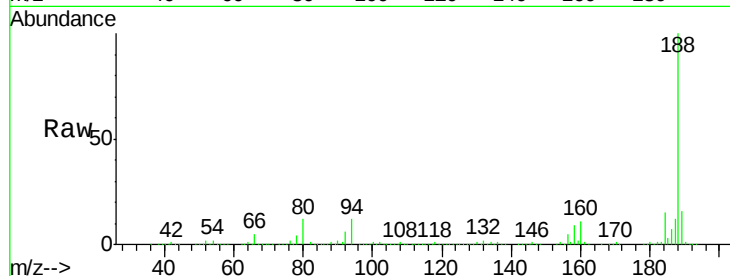




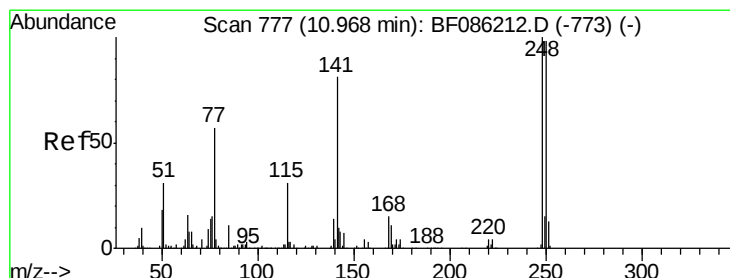
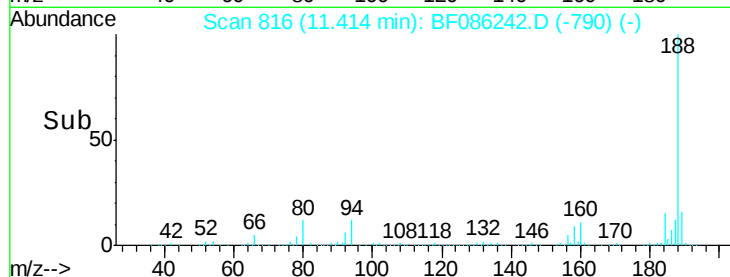
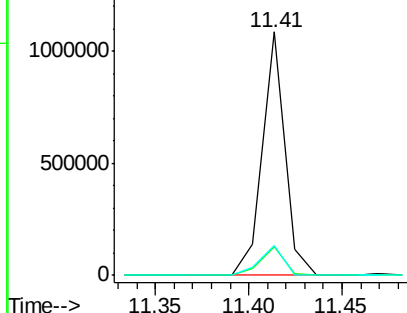
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 CDMSh8

Tgt Ion:188 Resp: 922720
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.8 14.8
 80 12.4 10.5 15.7

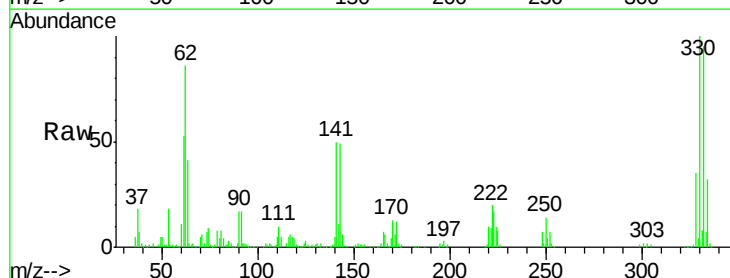


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

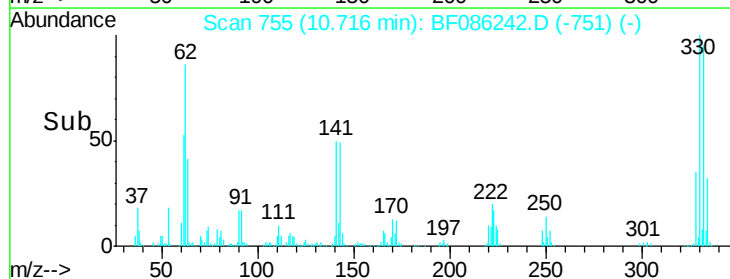
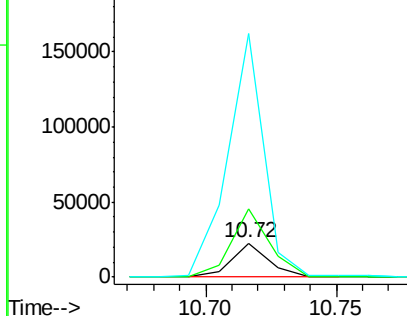


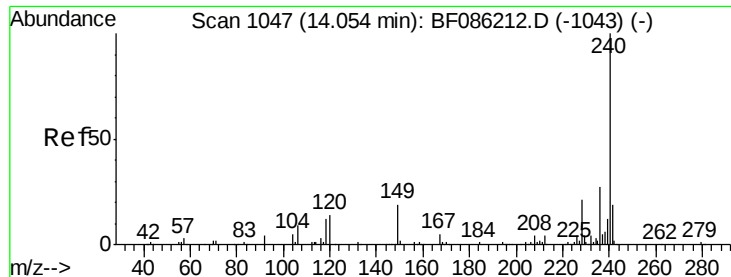
#66
 4-Bromophenyl-phenylether
 Concen: 2.62 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086242.D
 Acq: 16 Apr 2016 4:12

Tgt Ion:248 Resp: 22564
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.6 118.0#
 141 716.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

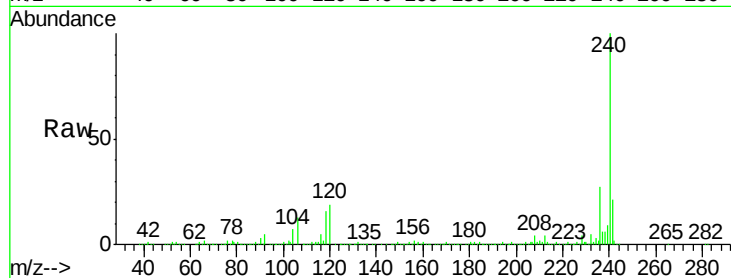
Tgt Ion:240 Resp: 598451

Ion Ratio Lower Upper

240 100

120 18.6 9.3 13.9#

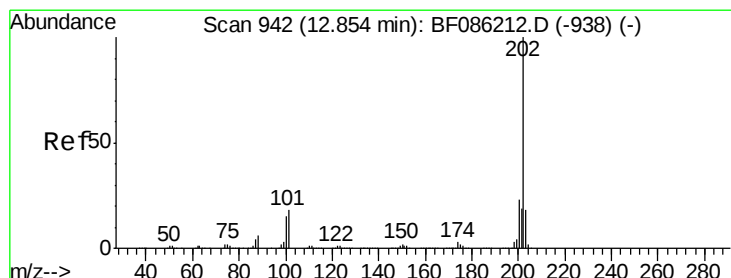
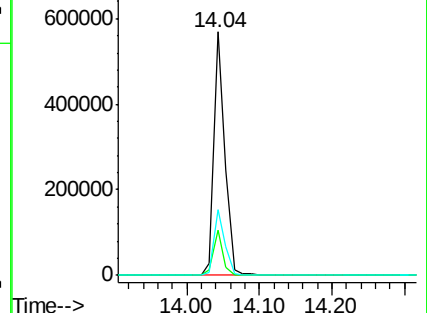
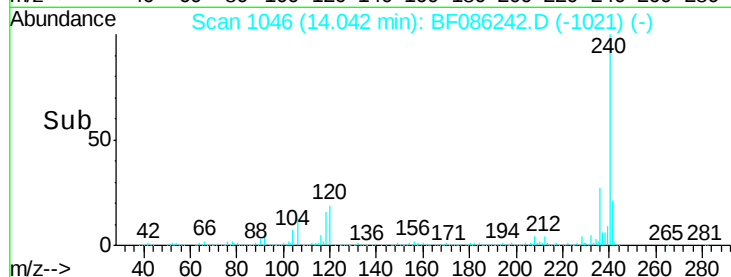
236 26.7 21.1 31.7



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



#77

Pyrene

Concen: 3.17 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

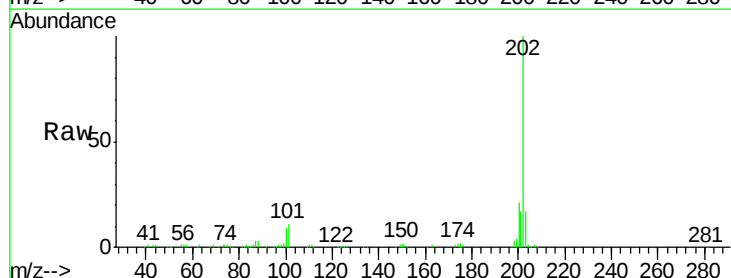
Tgt Ion:202 Resp: 145748

Ion Ratio Lower Upper

202 100

200 20.6 18.3 27.5

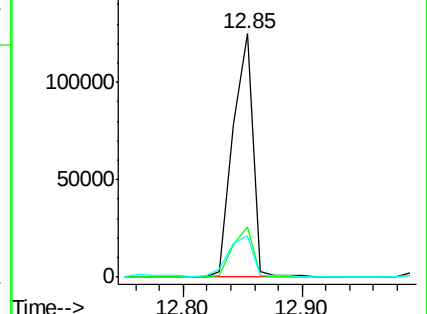
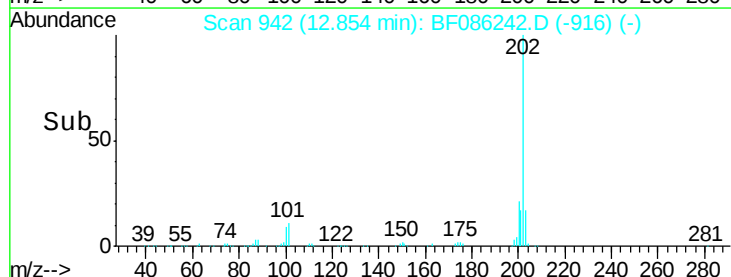
203 17.2 14.9 22.3

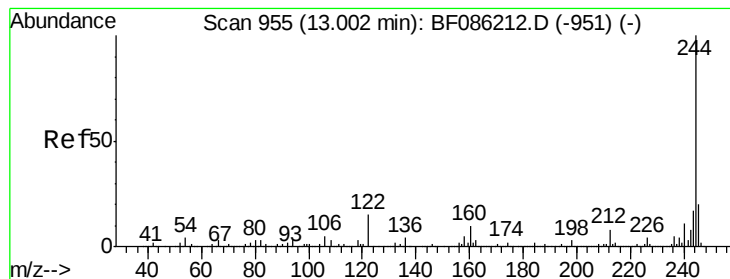


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.85 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

Instrument :

BNA_F

ClientSampleId :

CDMSH8

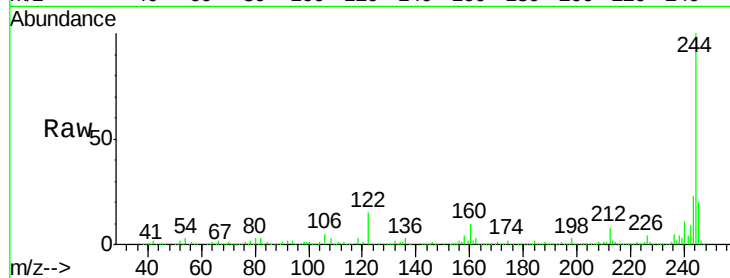
Tgt Ion:244 Resp: 1471935

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

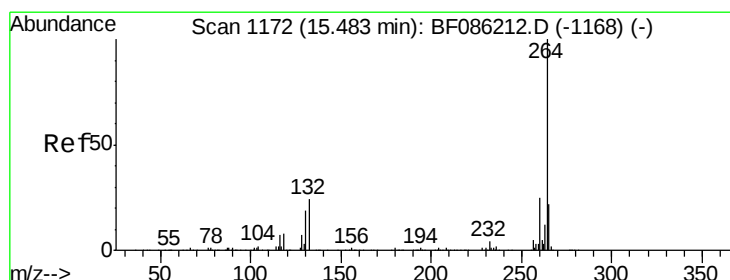
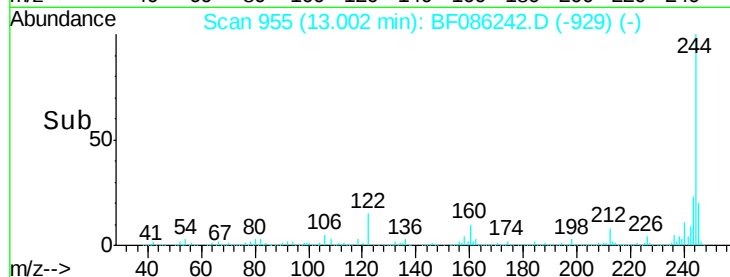
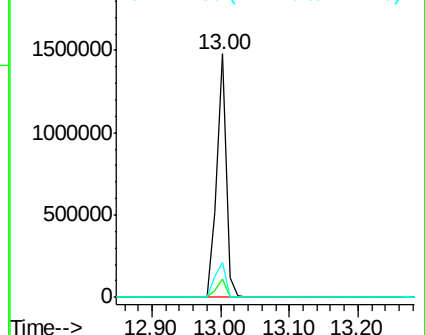
122 14.6 11.7 17.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086242.D

Acq: 16 Apr 2016 4:12

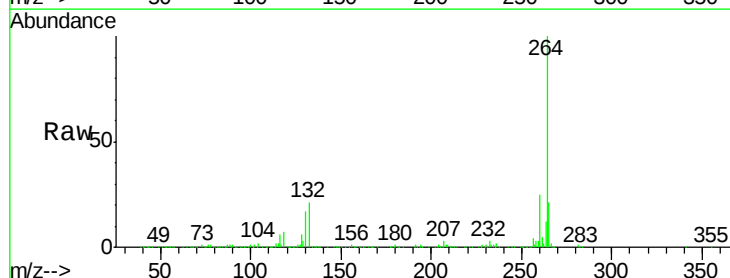
Tgt Ion:264 Resp: 482282

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 20.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

