

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086278.D
 Acq On : 18 Apr 2016 13:26
 Operator : UM/SJ
 Sample : H2471-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

Quant Time: Apr 19 00:47:47 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

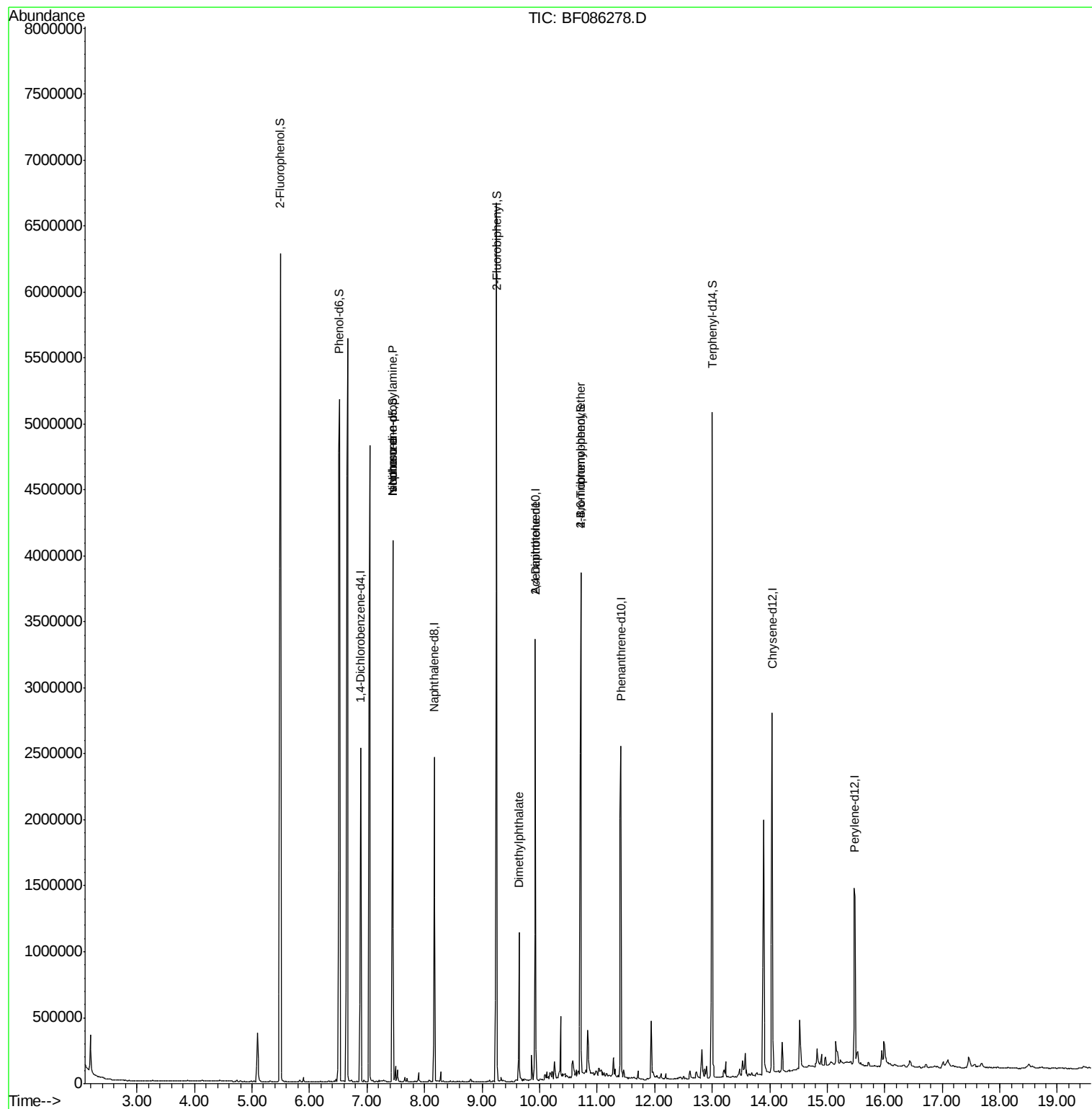
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	356908	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1416541	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	670383	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1228798	20.00	ng	0.00
75) Chrysene-d12	14.04	240	888090	20.00	ng	-0.01
86) Perylene-d12	15.48	264	737398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2055576	94.37	ng	0.01
7) Phenol-d6	6.52	99	2832575	103.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	1618922	65.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	502999	93.44	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2411134	66.37	ng	-0.01
78) Terphenyl-d14	13.00	244	2059785	58.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	219131	12.57	ng	# 83
22) Acetophenone	7.29	105	1133	Below Cal	#	1
25) Isophorone	7.45	82	1218275	25.00	ng	# 67
49) Dimethylphthalate	9.64	163	410637	8.42	ng	99
56) 2,4-Dinitrotoluene	9.93	165	87311	6.32	ng	# 31
57) Fluorene	10.46	166	944	Below Cal	#	73
60) 4-Chlorophenyl-phenylether	10.46	204	322	Below Cal	#	75
66) 4-Bromophenyl-phenylether	10.72	248	32692	2.85	ng	# 1
71) Anthracene	11.48	178	2581	Below Cal		96
74) Fluoranthene	12.61	202	21099	Below Cal		95

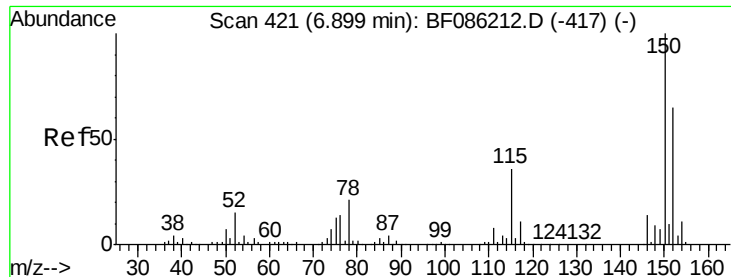
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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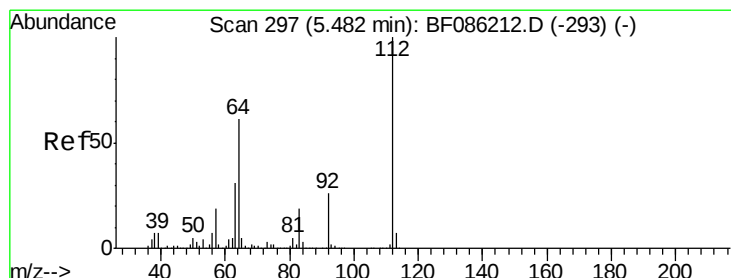
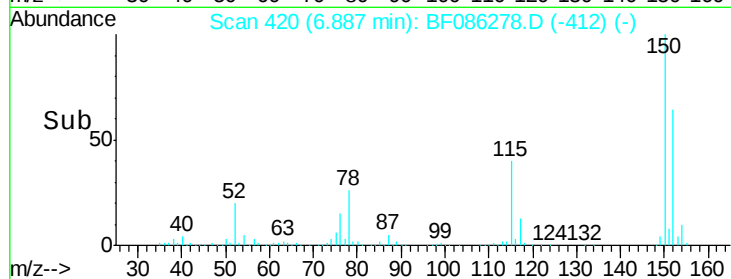
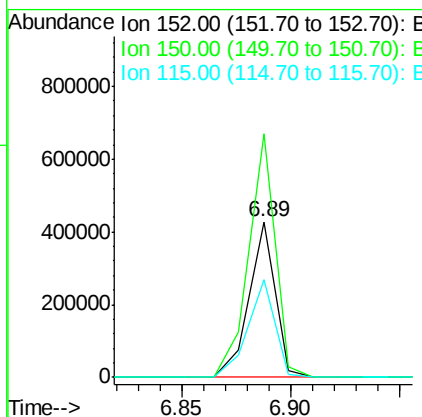
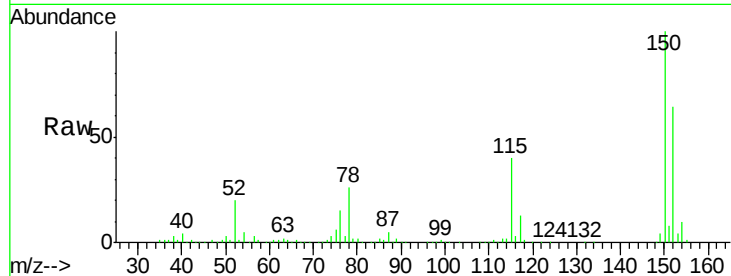




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

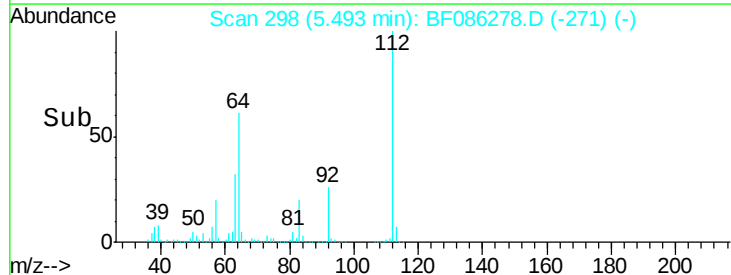
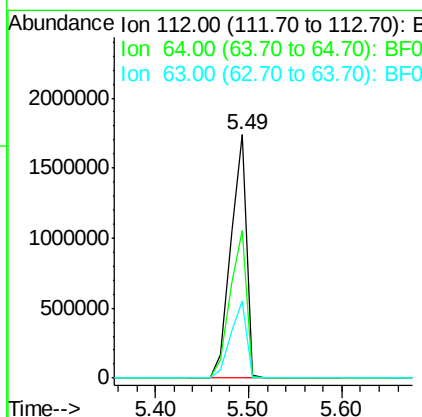
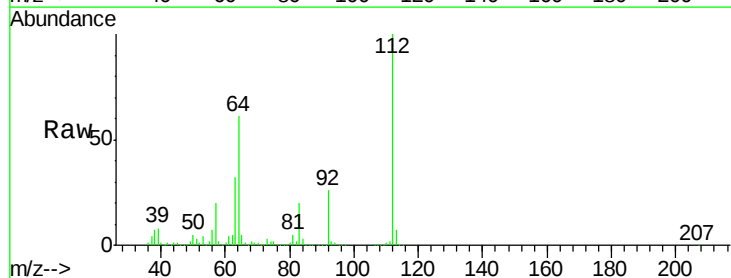
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH10

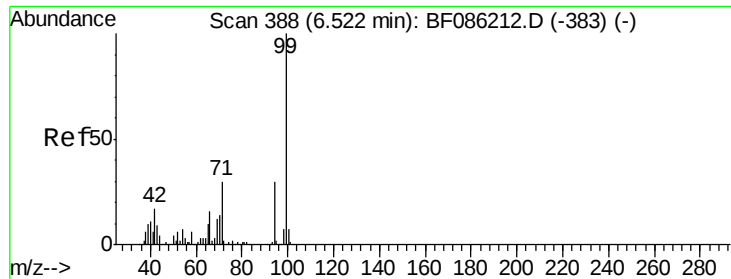
Tgt Ion:152 Resp: 356908
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.1 186.1
 115 63.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 94.37 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

Tgt Ion:112 Resp: 2055576
 Ion Ratio Lower Upper
 112 100
 64 60.9 48.1 72.1
 63 31.7 25.5 38.3





#7

Phenol-d6

Concen: 103.96 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

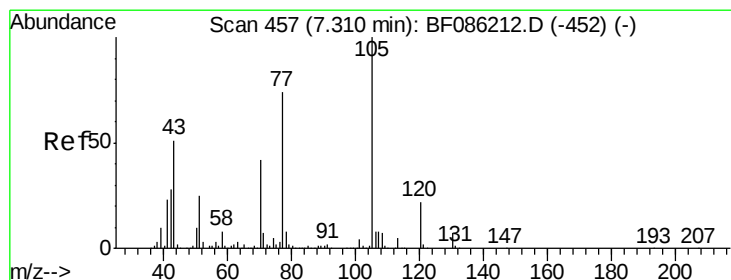
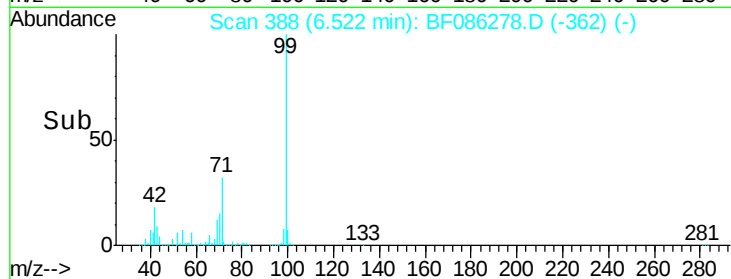
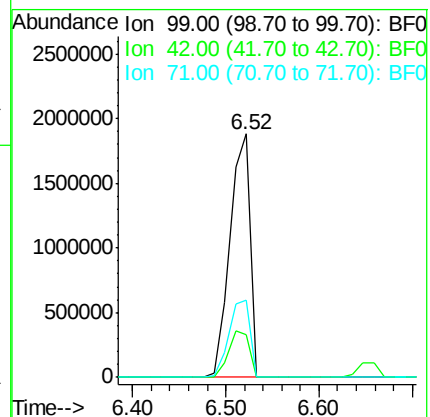
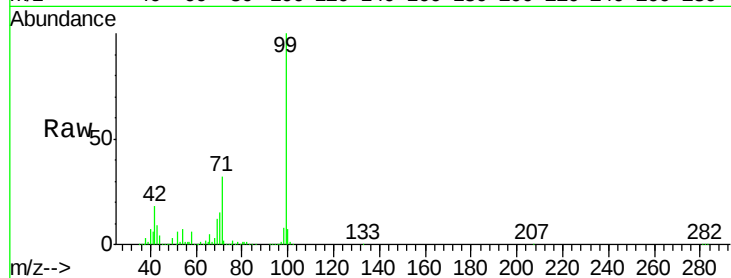
Tgt Ion: 99 Resp: 2832575

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.2

71 31.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.57 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Tgt Ion: 70 Resp: 219131

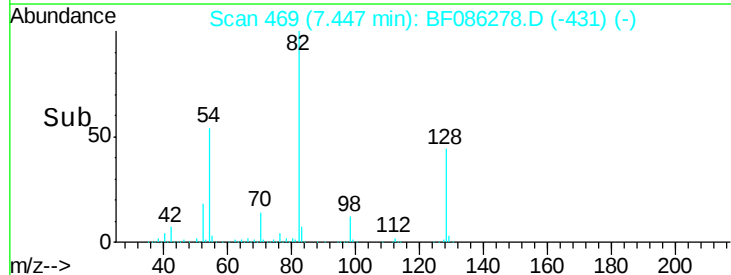
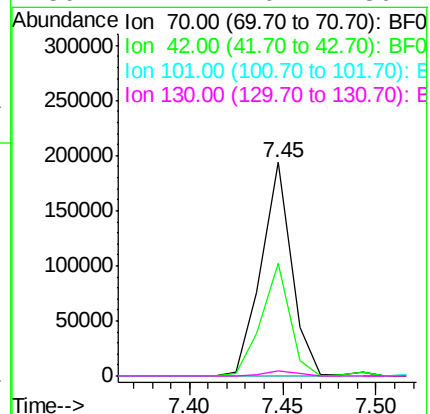
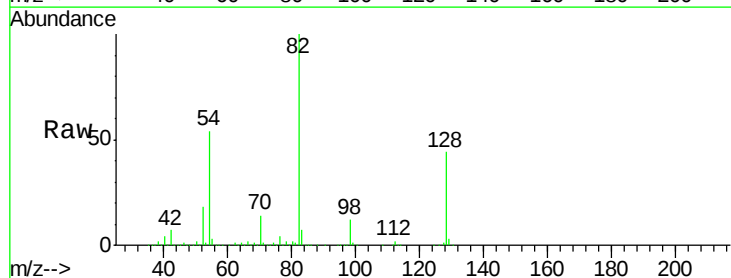
Ion Ratio Lower Upper

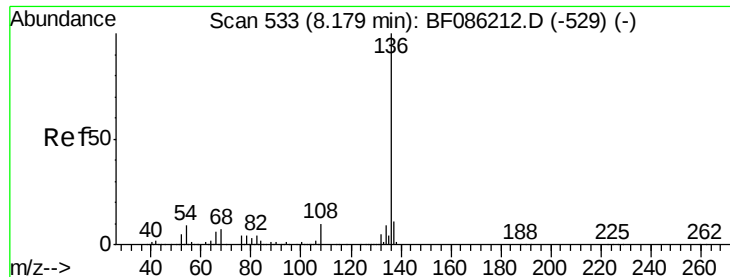
70 100

42 52.5 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: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

Tgt Ion:136 Resp: 1416541

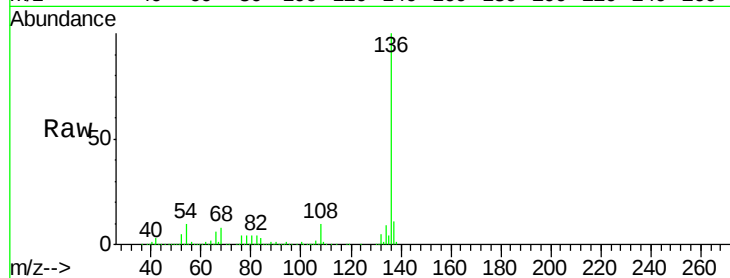
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.9 7.3 10.9

68 8.0 5.7 8.5

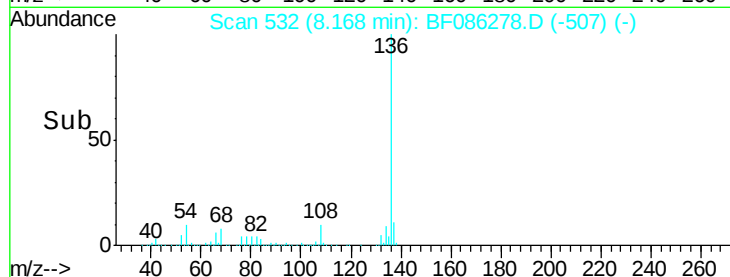


Abundance Ion 136.00 (135.70 to 136.70): E

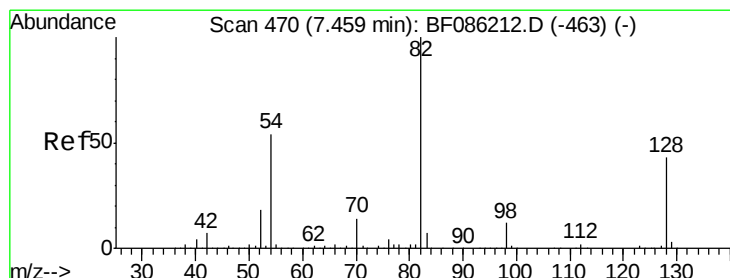
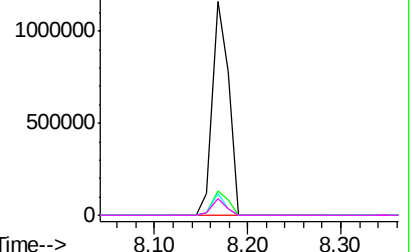
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 65.92 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

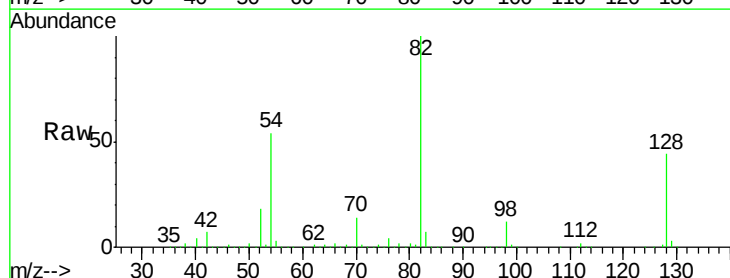
Tgt Ion: 82 Resp: 1618922

Ion Ratio Lower Upper

82 100

128 44.1 35.4 53.2

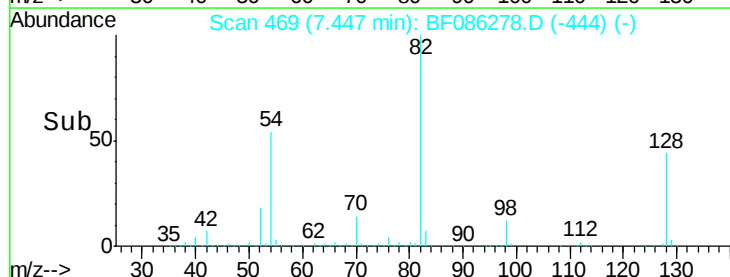
54 54.2 43.4 65.0



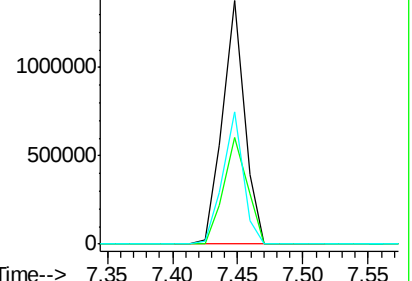
Abundance Ion 82.00 (81.70 to 82.70): BF0

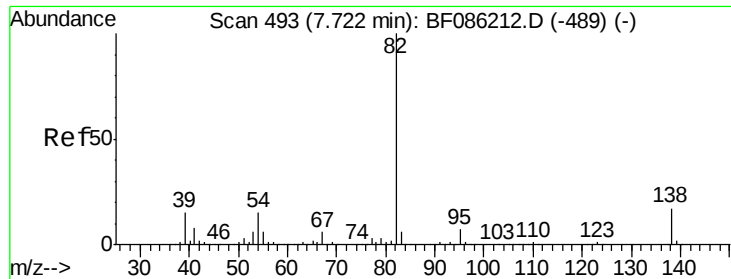
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

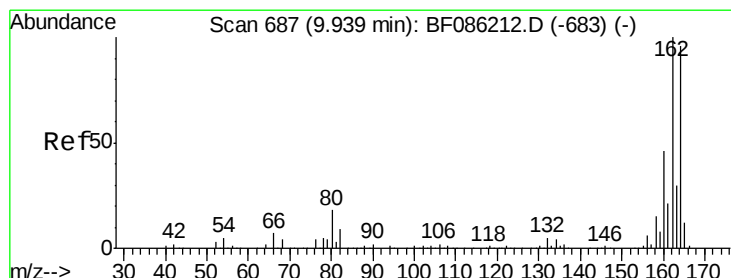
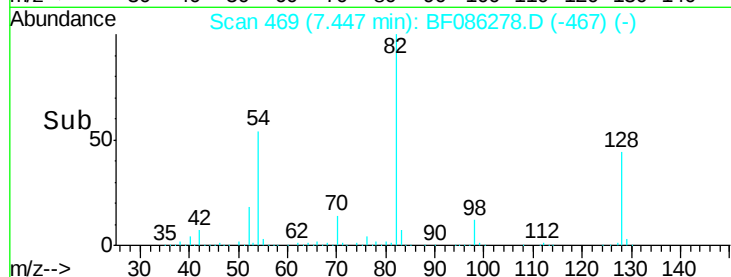
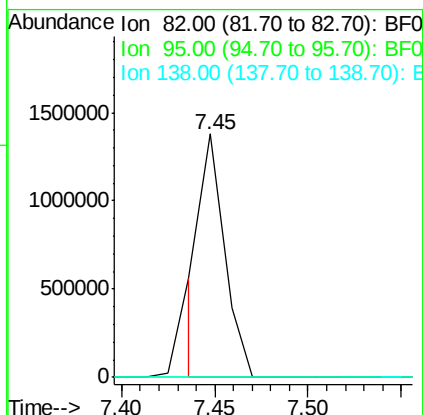
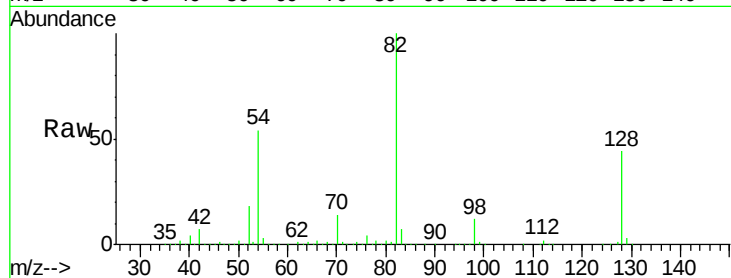




#25
Isophorone
Concen: 25.00 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF086278.D
Acq: 18 Apr 2016 13:26

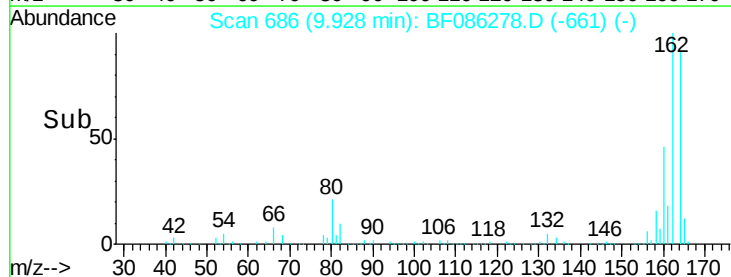
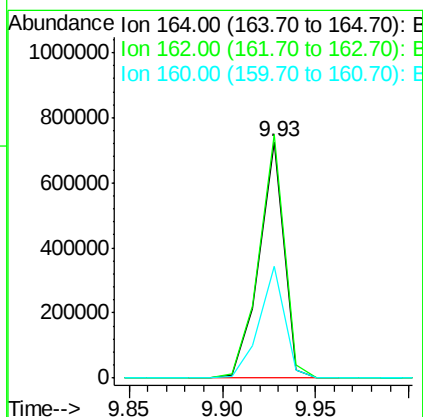
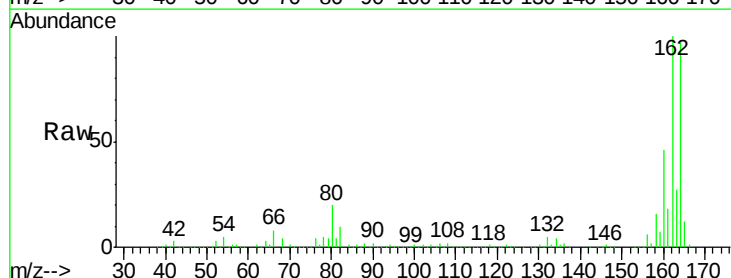
Instrument :
BNA_F
ClientSampleId :
CDMSH10

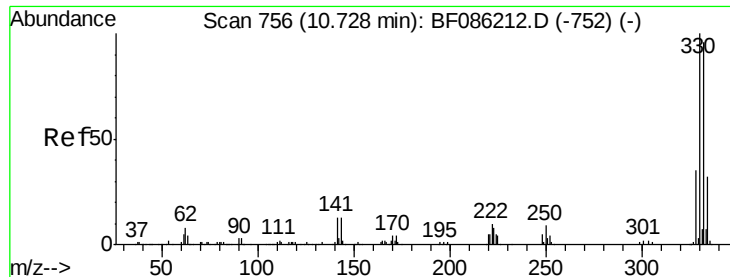
Tgt Ion: 82 Resp: 1218275
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.4 20.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086278.D
Acq: 18 Apr 2016 13:26

Tgt Ion: 164 Resp: 670383
Ion Ratio Lower Upper
164 100
162 103.1 82.8 124.2
160 47.4 38.9 58.3





#41

2,4,6-Tribromophenol

Concen: 93.44 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

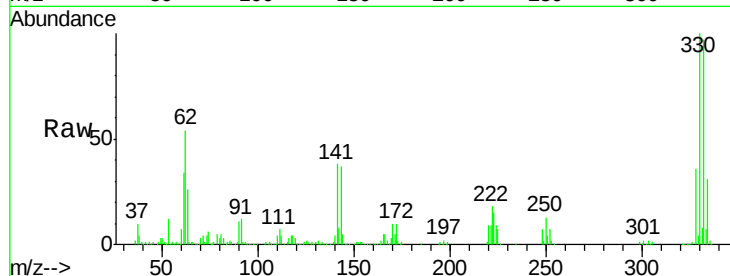
Tgt Ion:330 Resp: 502999

Ion Ratio Lower Upper

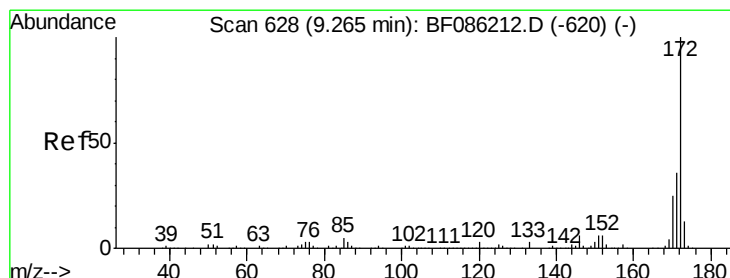
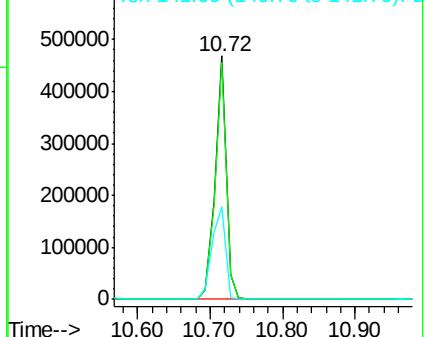
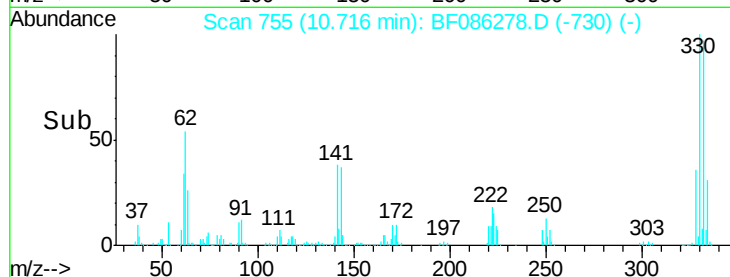
330 100

332 96.9 78.7 118.1

141 46.1 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: 66.37 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

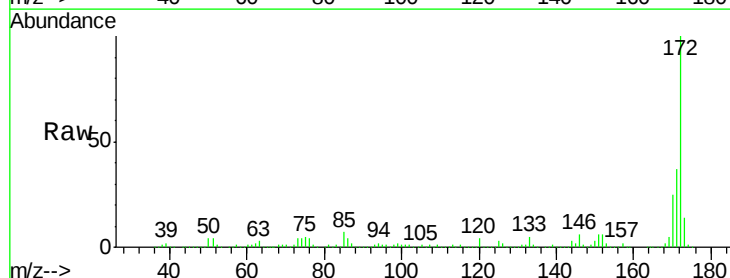
Tgt Ion:172 Resp: 2411134

Ion Ratio Lower Upper

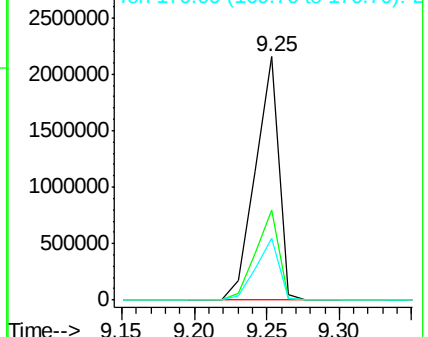
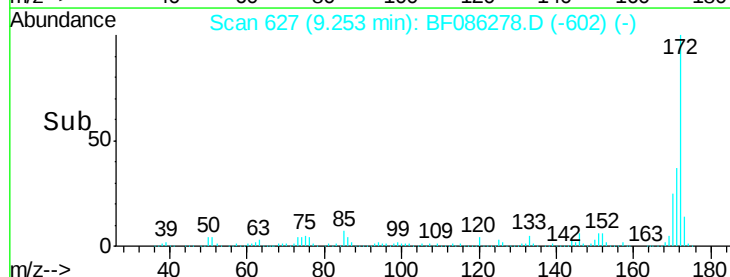
172 100

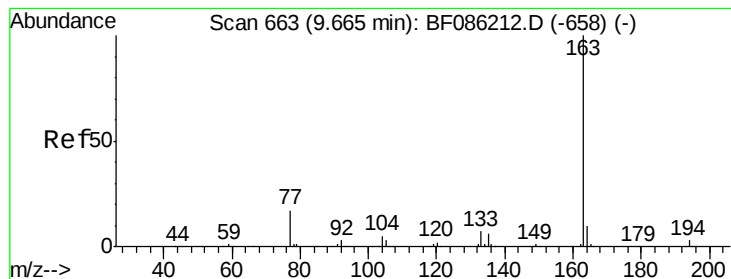
171 37.2 29.1 43.7

170 25.5 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: 8.42 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

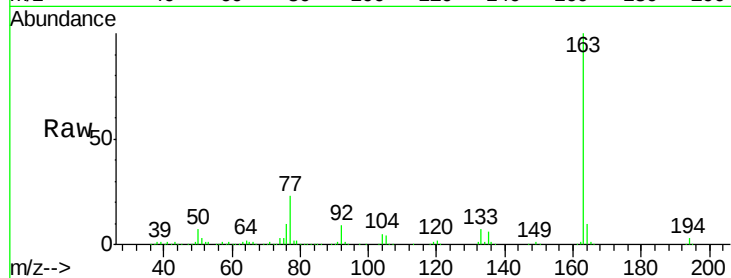
Tgt Ion:163 Resp: 410637

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

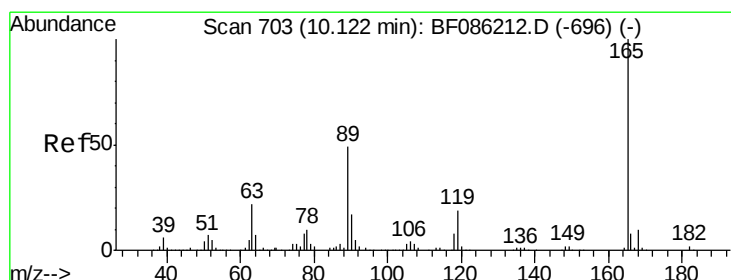
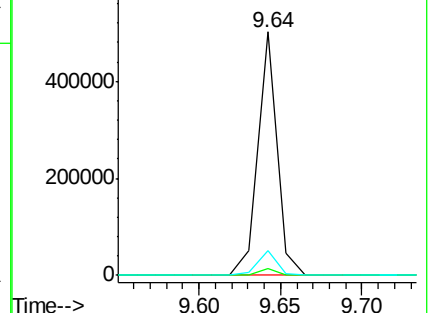
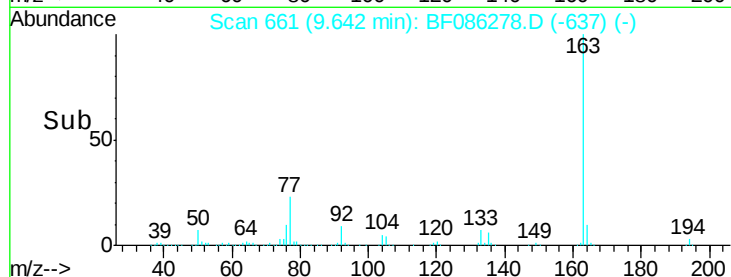
164 10.2 8.4 12.6



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: 6.32 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

Tgt Ion:165 Resp: 87311

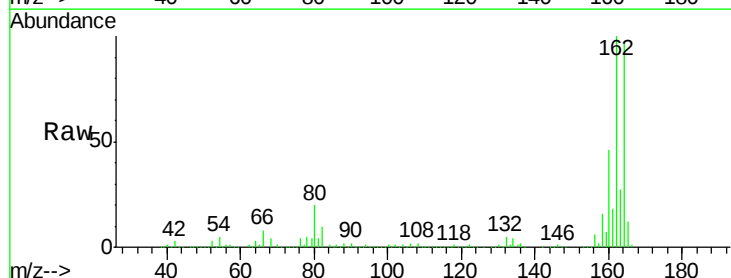
Ion Ratio Lower Upper

165 100

63 1.7 26.6 40.0#

89 1.7 49.5 74.3#

182 0.0 1.9 2.9#

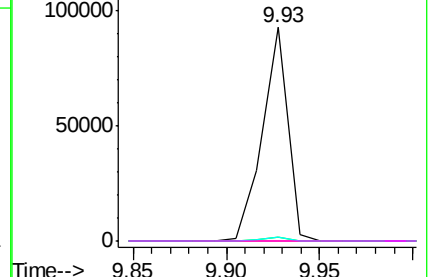
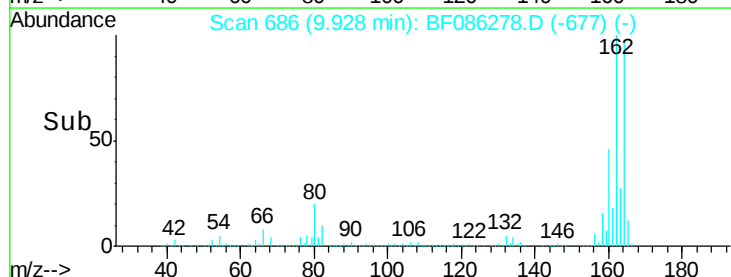


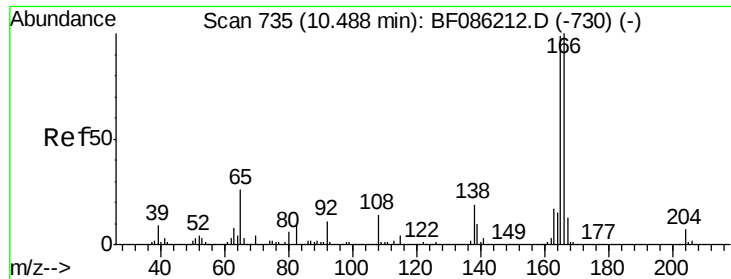
Abundance Ion 165.00 (164.70 to 165.70): E

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

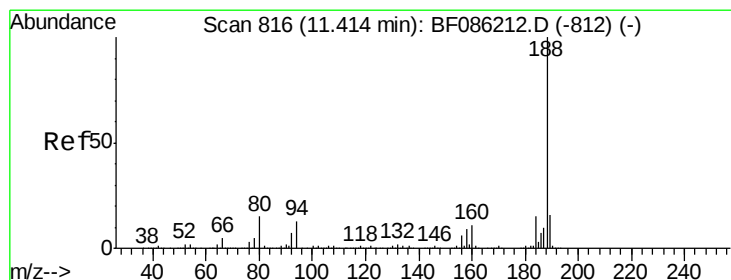
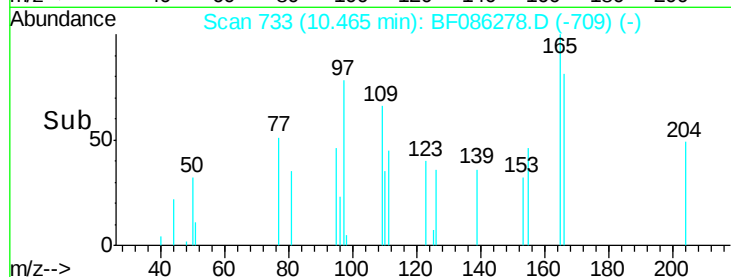
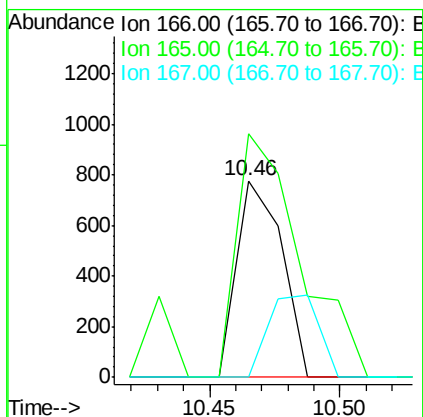
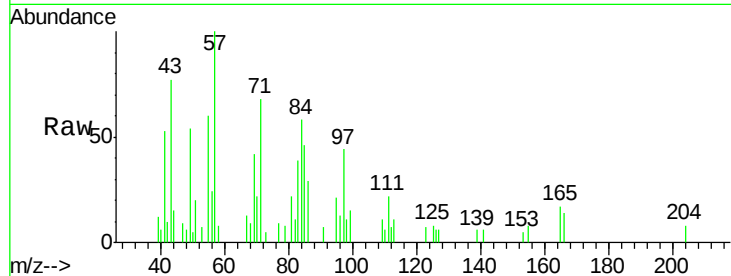




#57
Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

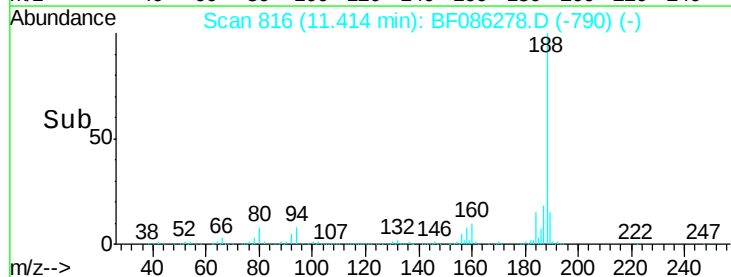
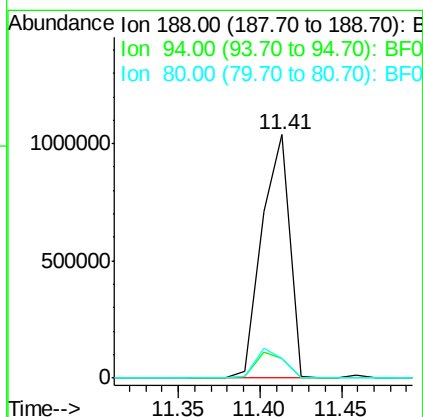
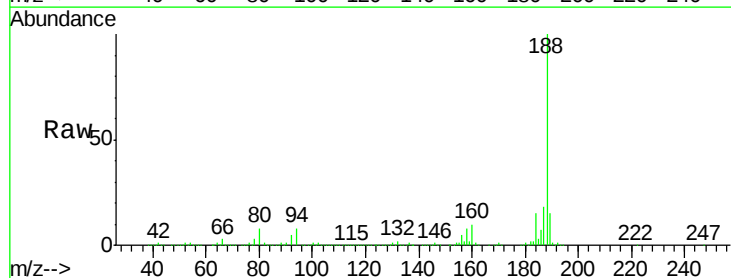
Instrument :
 BNA_F
 ClientSampleId :
 CDMSh10

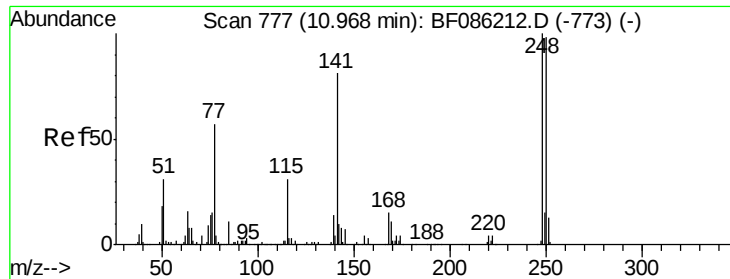
Tgt Ion:166 Resp: 944
 Ion Ratio Lower Upper
 166 100
 165 123.7 78.6 117.8#
 167 0.0 10.4 15.6#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086278.D
 Acq: 18 Apr 2016 13:26

Tgt Ion:188 Resp: 1228798
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.8 14.8#
 80 8.3 10.5 15.7#

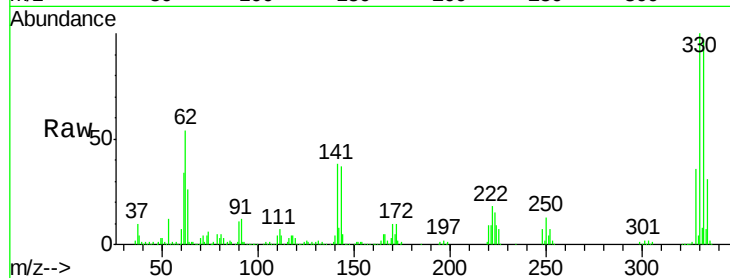




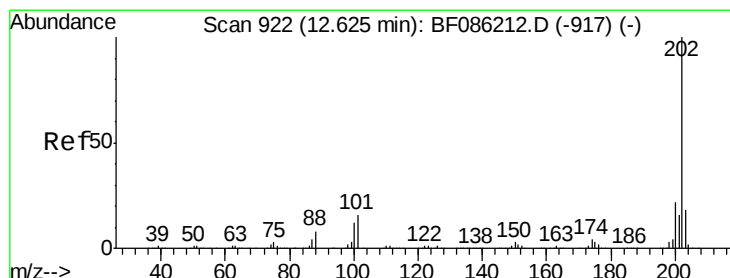
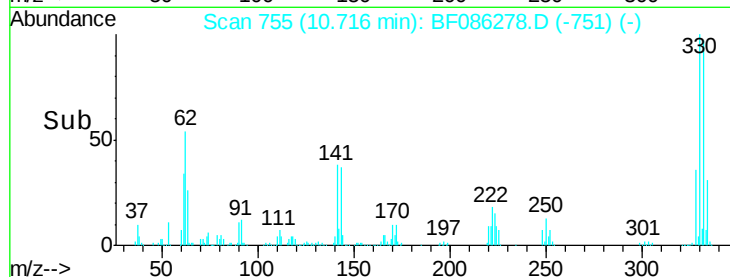
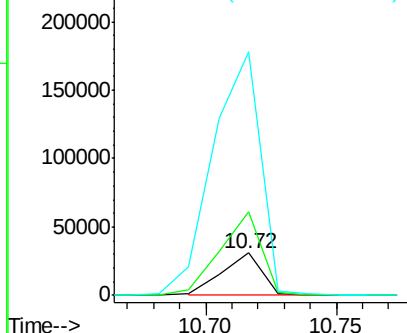
#66
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086278.D
Acq: 18 Apr 2016 13:26

Instrument :
BNA_F
ClientSampleId :
CDMSH10

Tgt Ion:248 Resp: 32692
Ion Ratio Lower Upper
248 100
250 198.1 78.6 118.0#
141 573.9 57.9 86.9#

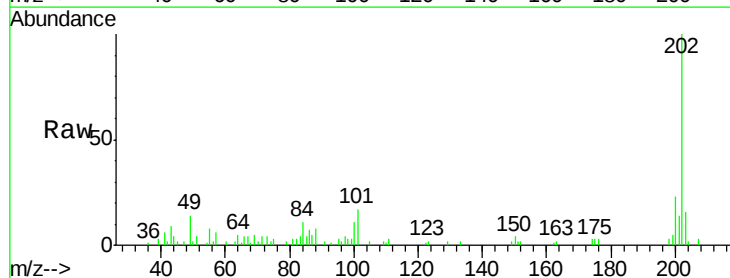


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

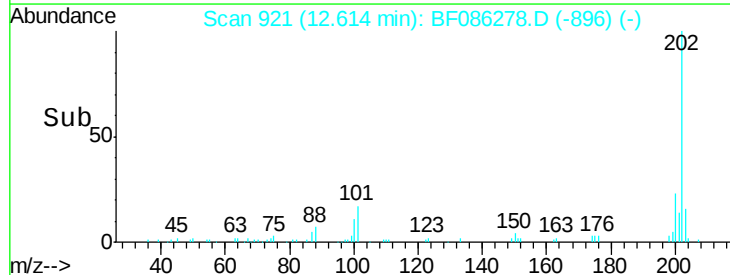
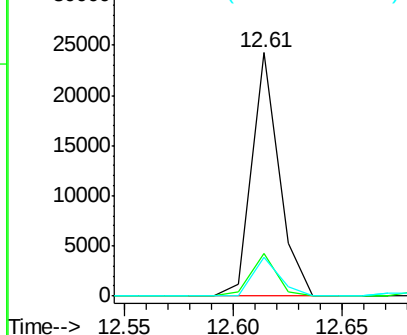


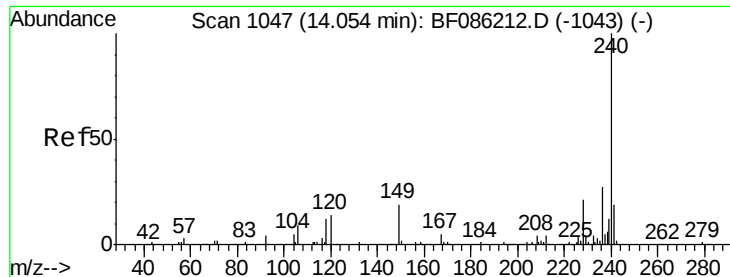
#74
Fluoranthene
Concen: Below Cal
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF086278.D
Acq: 18 Apr 2016 13:26

Tgt Ion:202 Resp: 21099
Ion Ratio Lower Upper
202 100
101 17.4 0.0 35.2
203 16.1 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: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

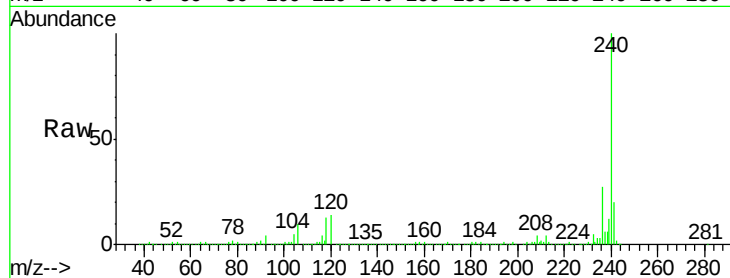
Tgt Ion:240 Resp: 888090

Ion Ratio Lower Upper

240 100

120 14.4 9.3 13.9#

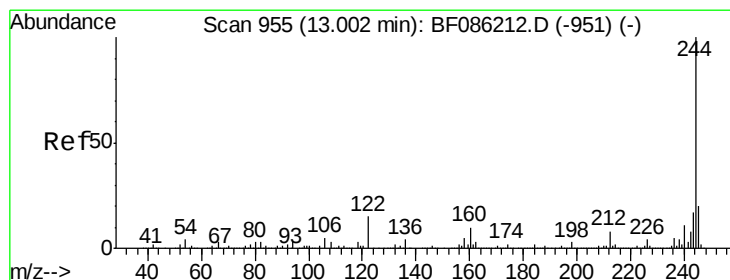
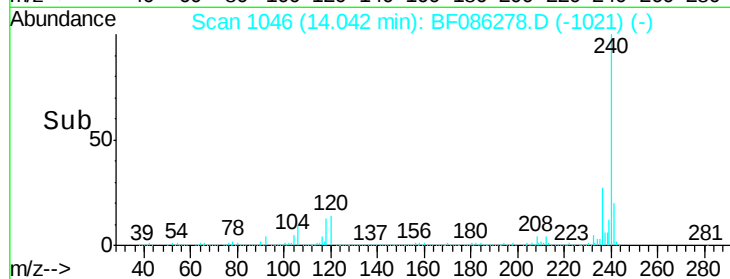
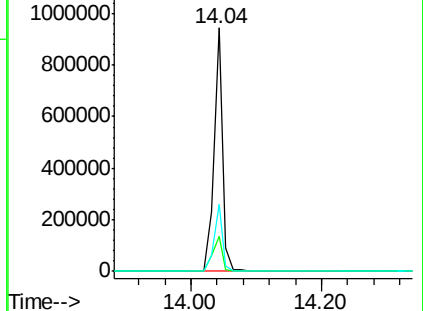
236 27.4 21.1 31.7



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: 58.32 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086278.D

Acq: 18 Apr 2016 13:26

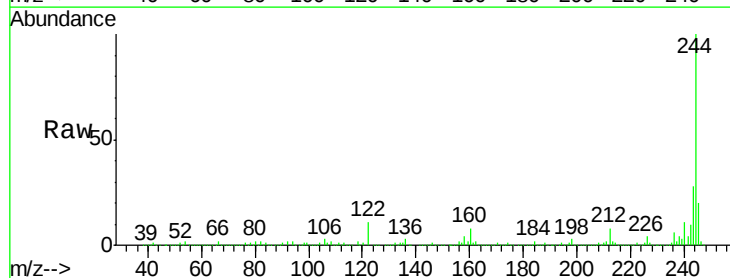
Tgt Ion:244 Resp: 2059785

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

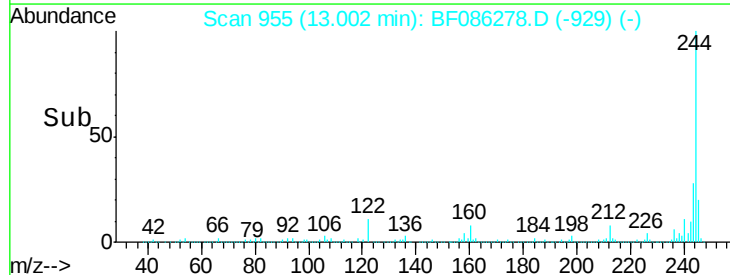
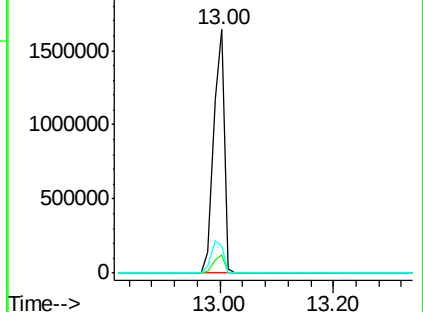
122 11.3 11.7 17.5#

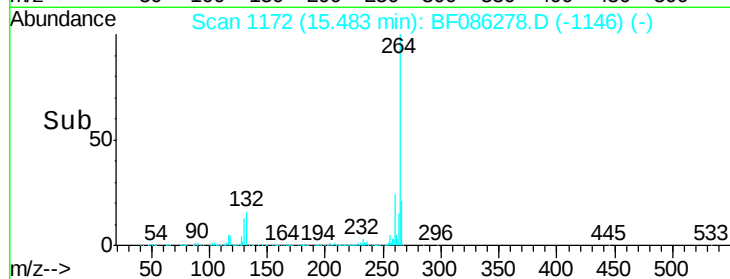
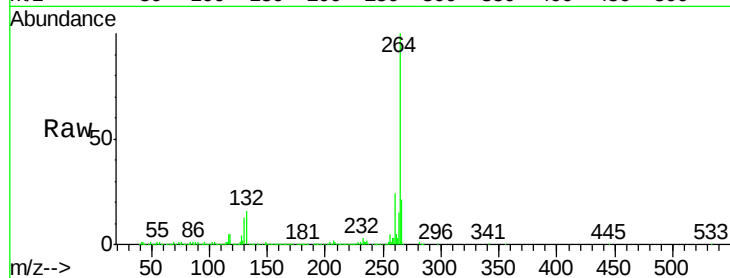
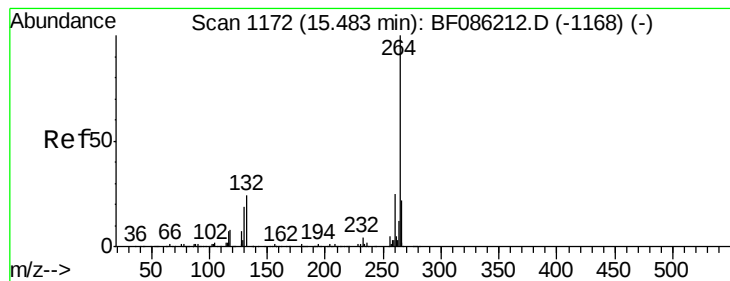


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086278.D

Acq: 18 Apr 2016 13:26

Instrument :

BNA_F

ClientSampleId :

CDMSH10

Tgt Ion:264 Resp: 737398

Ion Ratio Lower Upper

264 100

260 23.9 20.0 30.0

265 21.0 17.4 26.0

