

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105051.D
 Acq On : 3 May 2018 1:10
 Operator : JU/SJ
 Sample : J2666-01 50X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Quant Time: May 03 04:30:07 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

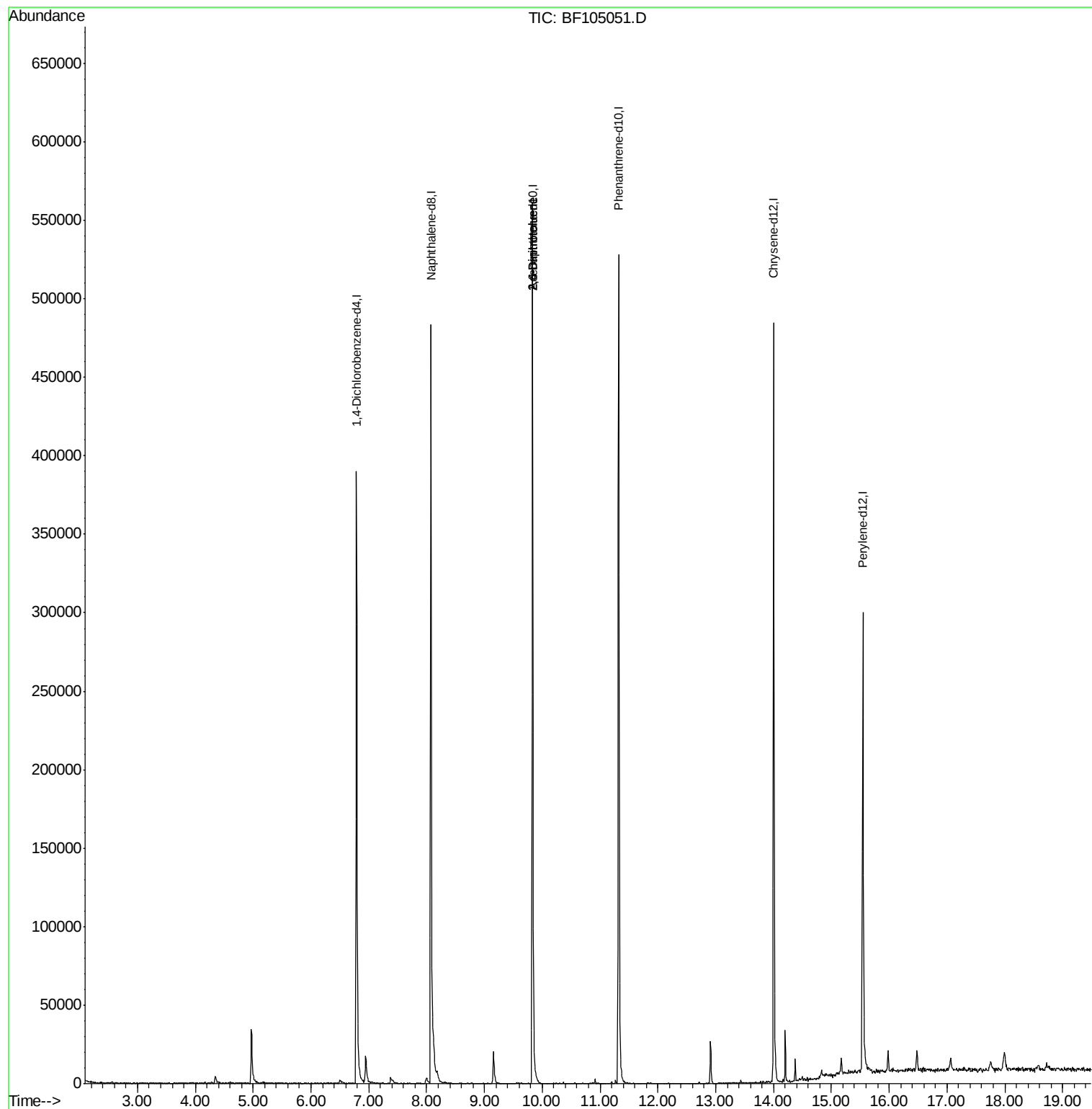
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	76686	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	326268	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	143043	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	244299	20.00	ng	0.00
75) Chrysene-d12	14.00	240	206434	20.00	ng	-0.03
86) Perylene-d12	15.54	264	160275	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.49	99	1001	0.16	ng	0.05
23) Nitrobenzene-d5	7.39	82	6226	1.25	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	15825	1.75	ng	0.00
78) Terphenyl-d14	12.91	244	14263	1.58	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.83	165	18686	8.952	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18686	6.825	ng	# 21

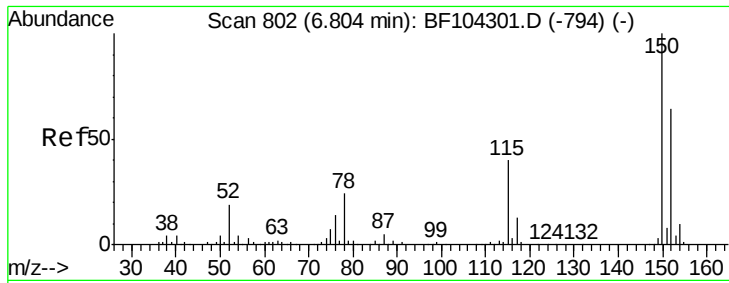
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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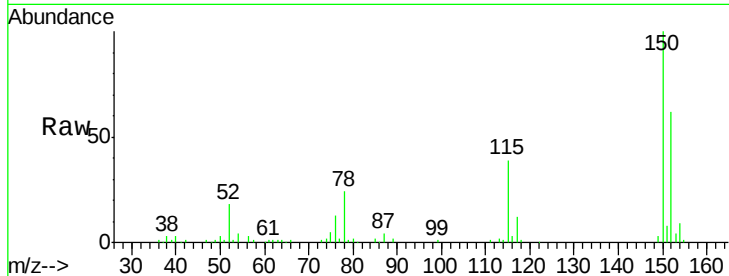




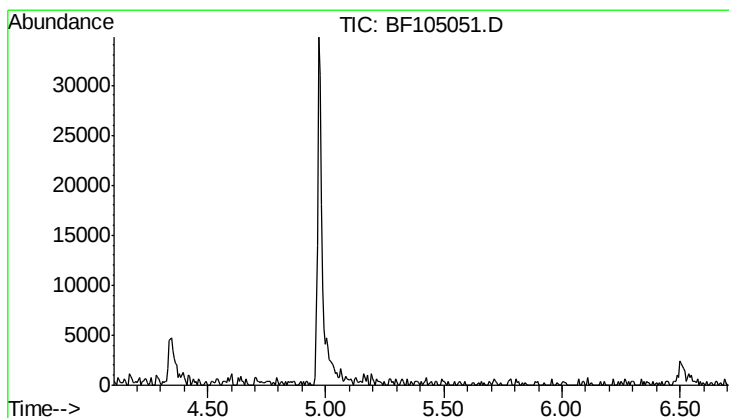
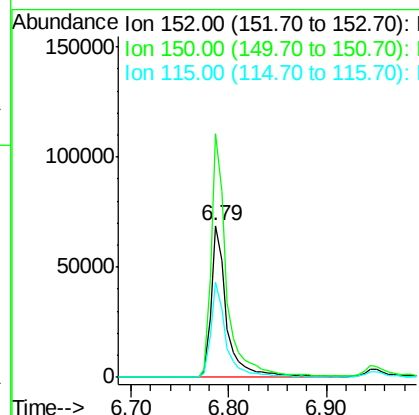
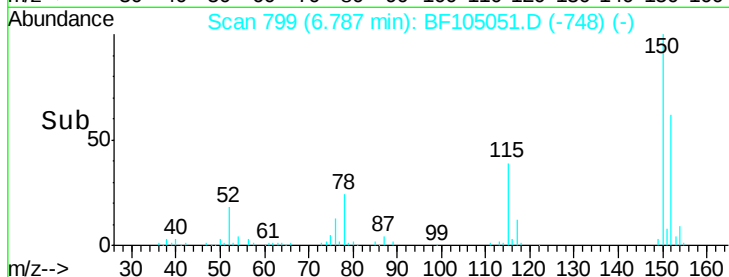
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Tgt Ion:152 Resp: 76686
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 62.4 50.1 75.1

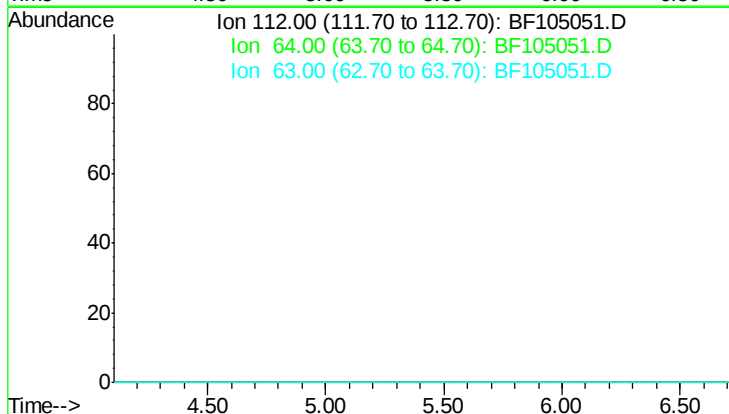


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.162 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF105051.D

Acq: 3 May 2018 1:10

Instrument :

BNA_F

ClientSampleId :

CURB-A-CONCRETE

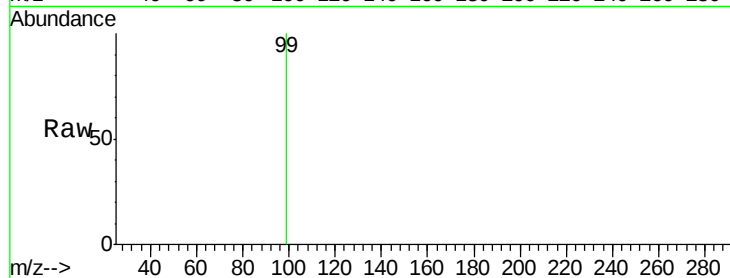
Tgt Ion: 99 Resp: 1001

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

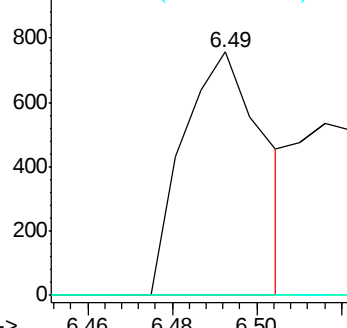
71 0.0 25.4 38.0#



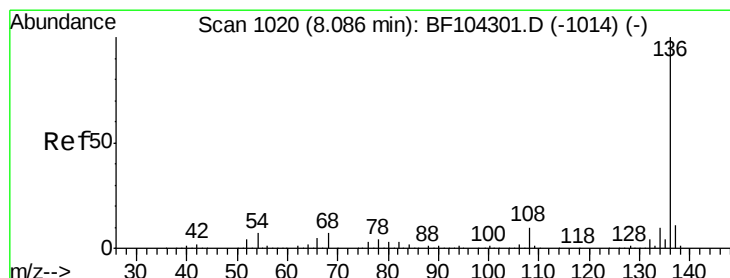
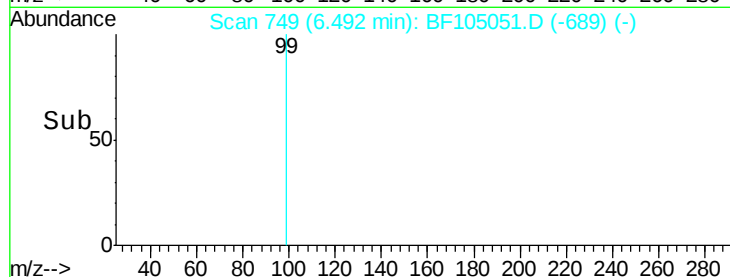
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105051.D

Acq: 3 May 2018 1:10

Tgt Ion: 136 Resp: 326268

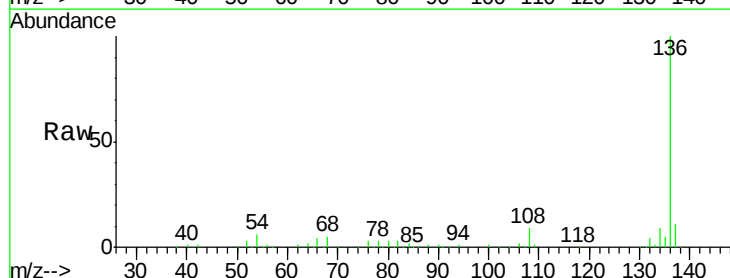
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.7 6.6 9.8#

68 5.1 5.0 7.4

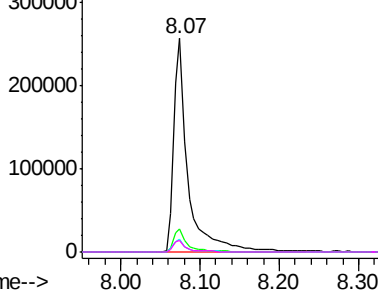


Abundance Ion 136.00 (135.70 to 136.70): E

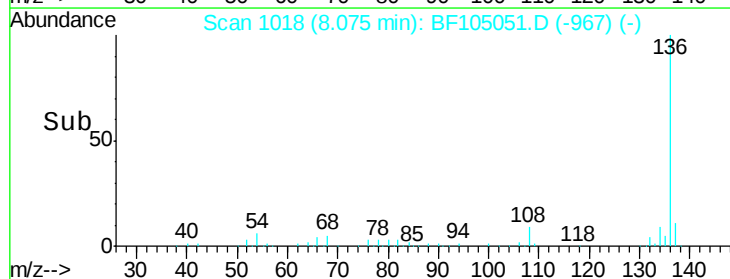
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

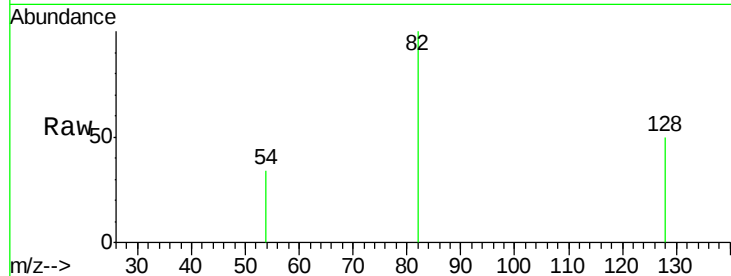




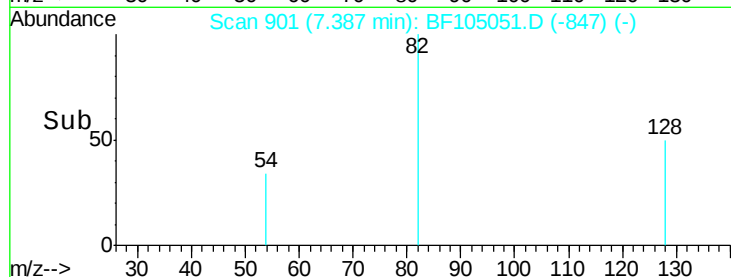
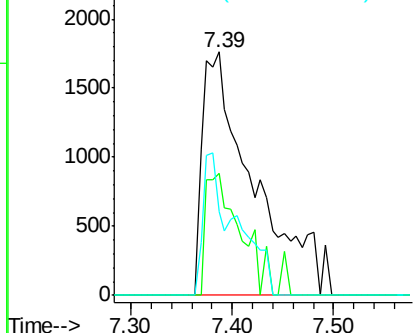
#23
 Nitrobenzene-d5
 Concen: 1.246 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.02 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Tgt Ion: 82 Resp: 6226
 Ion Ratio Lower Upper
 82 100
 128 50.0 36.1 54.1
 54 34.5 41.4 62.2#

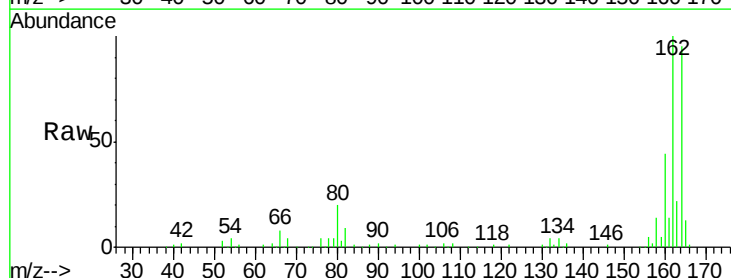


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

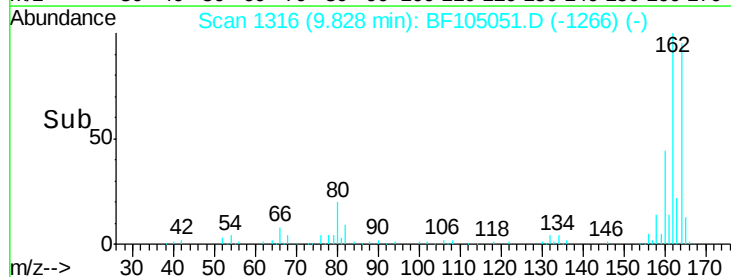
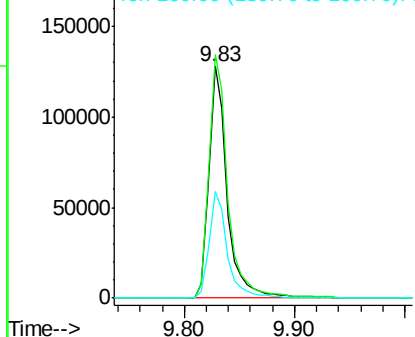


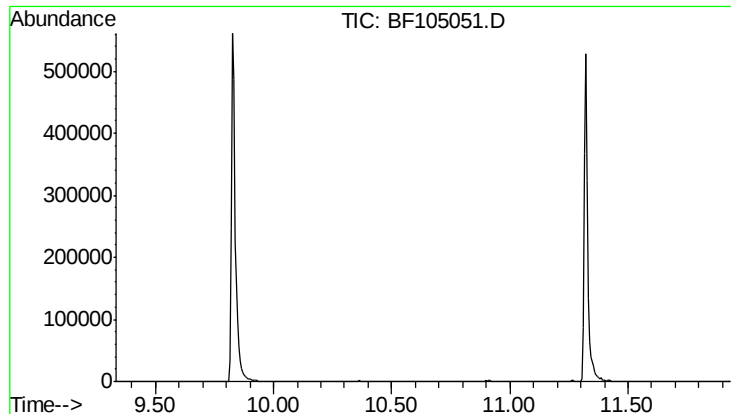
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Tgt Ion: 164 Resp: 143043
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 46.0 38.3 57.5



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

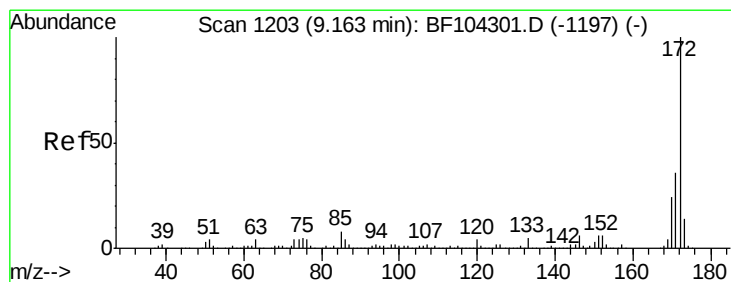
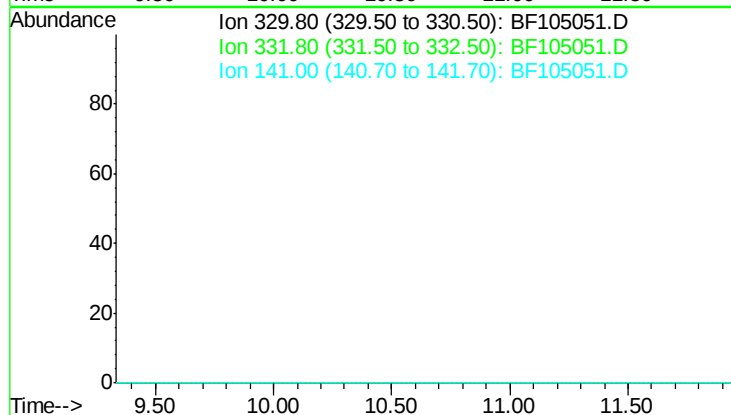




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

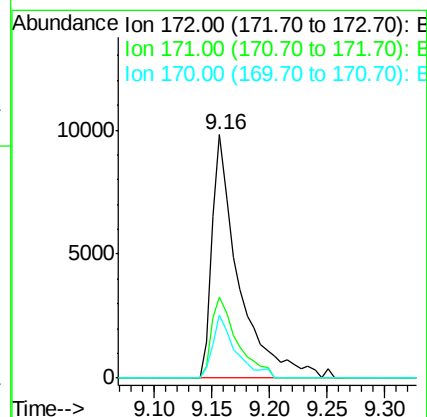
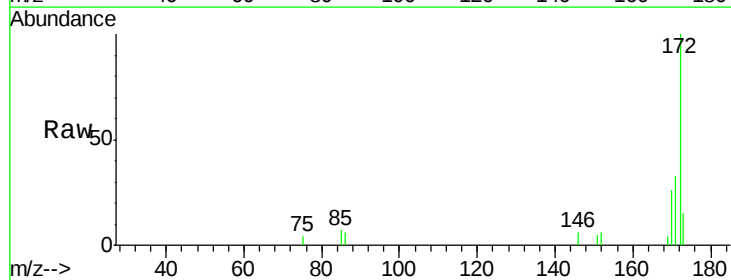
Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

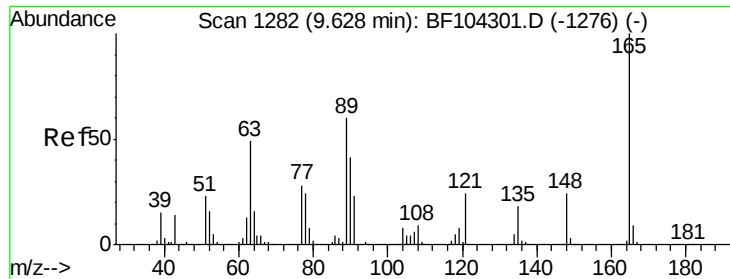
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 1.748 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Tgt Ion: 172 Resp: 15825
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 26.1 19.6 29.4

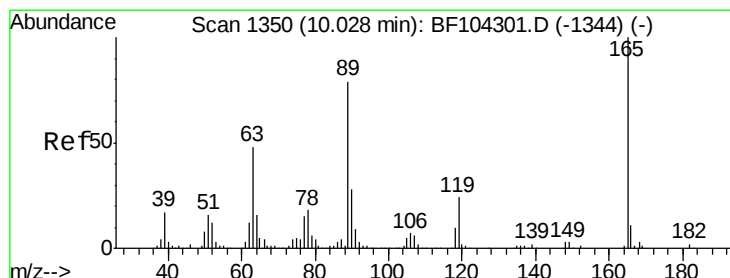
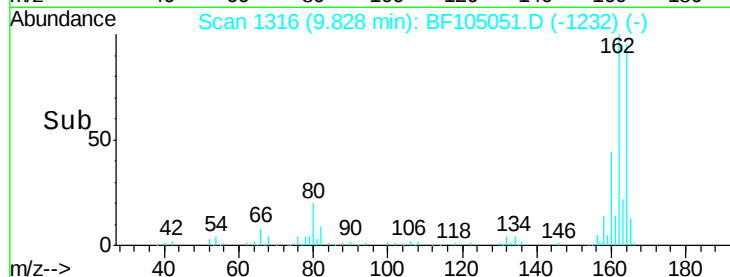
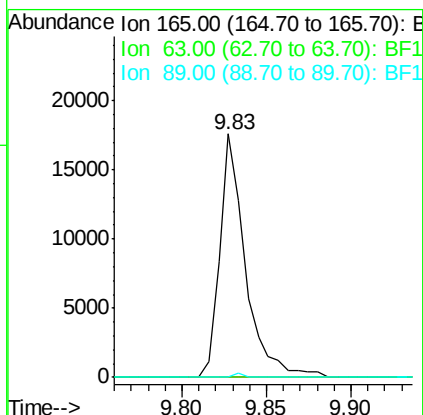
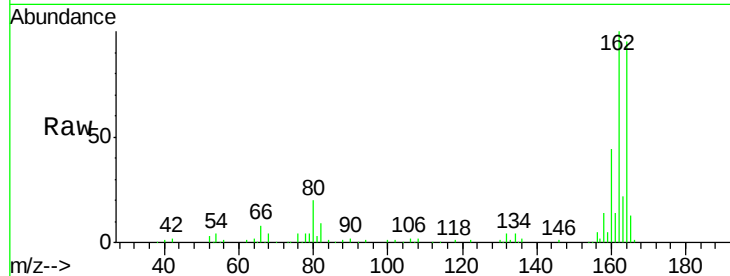




#50
 2,6-Dinitrotoluene
 Concen: 8.952 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

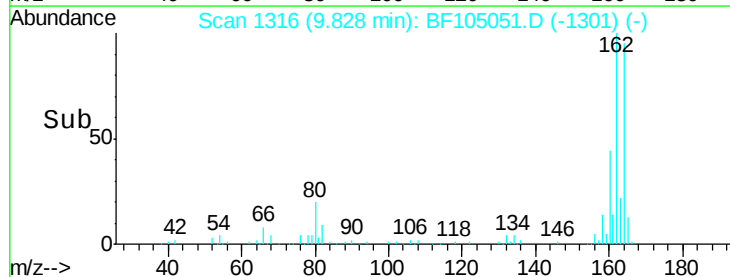
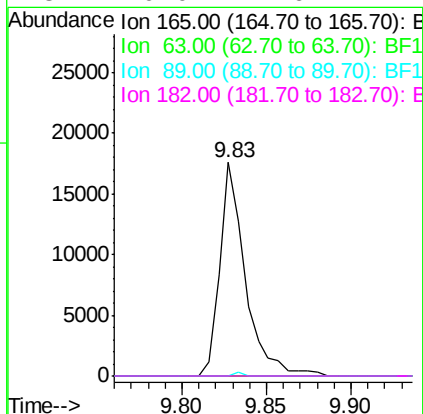
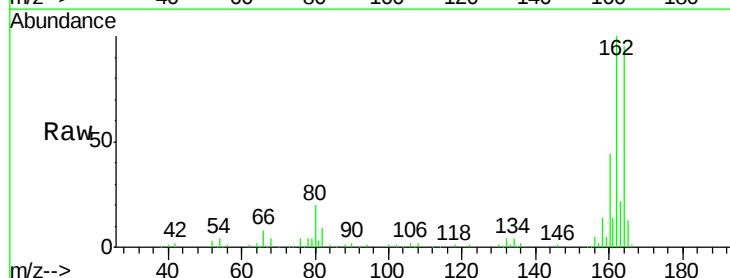
Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.825 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

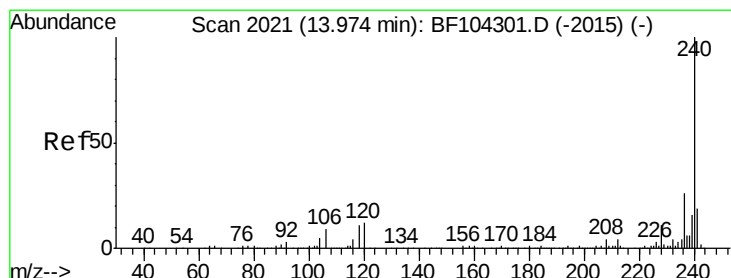
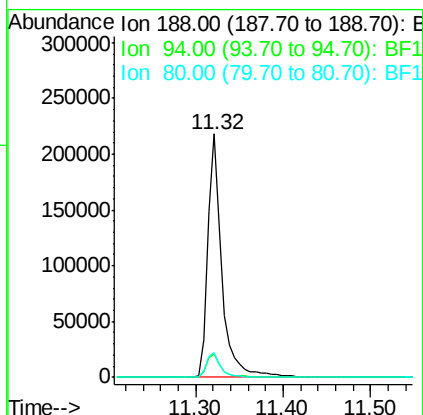
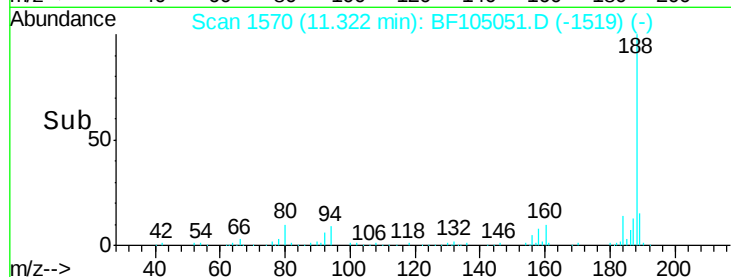
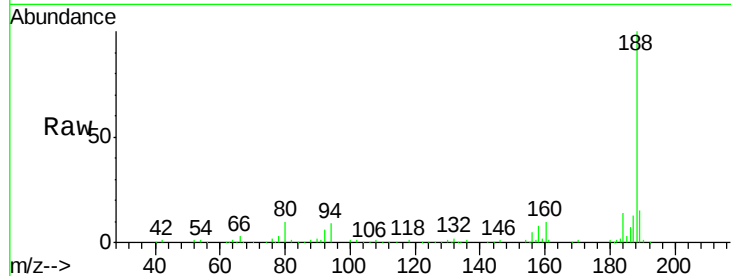




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105051.D
Acq: 3 May 2018 1:10

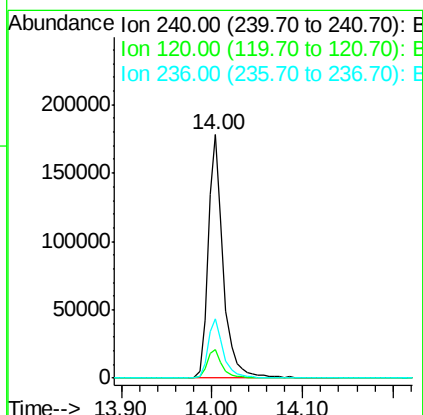
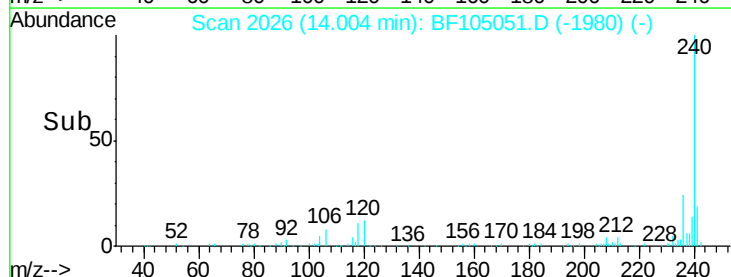
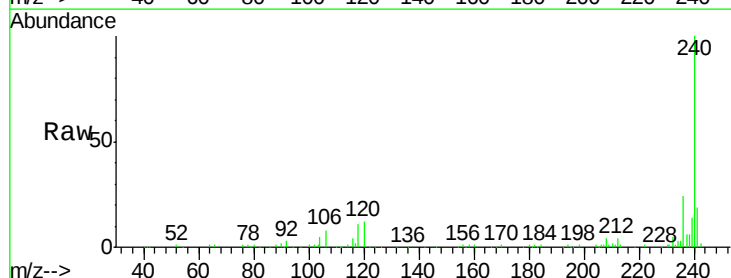
Instrument :
BNA_F
ClientSampleId :
CURB-A-CONCRETE

Tgt Ion:188 Resp: 244299
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105051.D
Acq: 3 May 2018 1:10

Tgt Ion:240 Resp: 206434
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 24.5 20.7 31.1

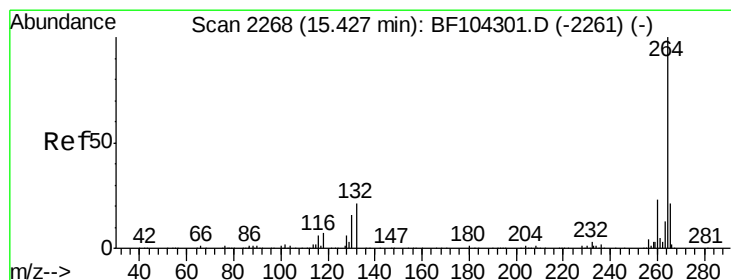
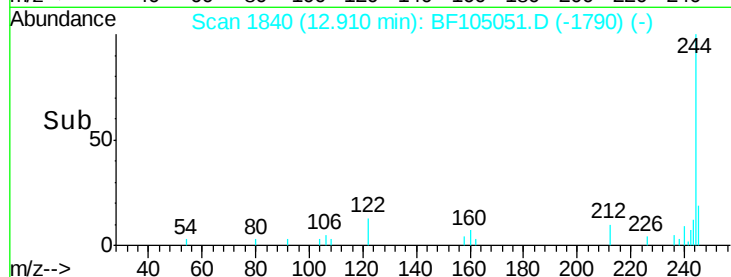
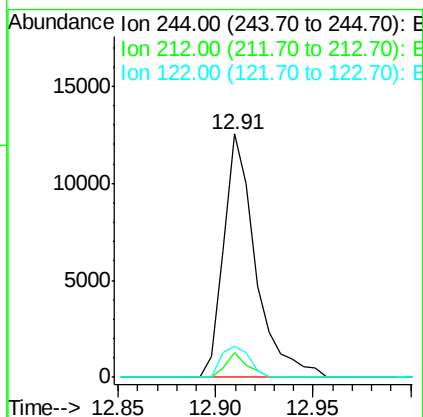
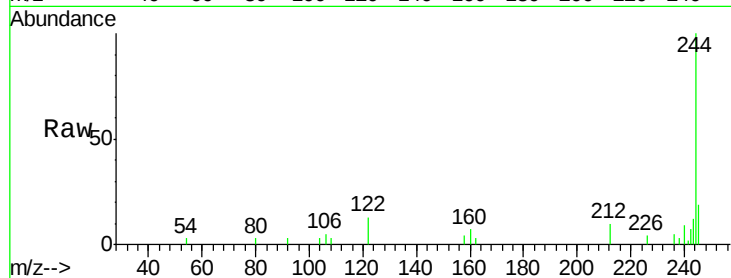




#78
 Terphenyl-d14
 Concen: 1.575 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Instrument :
 BNA_F
 ClientSampleId :
 CURB-A-CONCRETE

Tgt Ion:244 Resp: 14263
 Ion Ratio Lower Upper
 244 100
 212 10.3 5.4 8.0#
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.05 min
 Lab File: BF105051.D
 Acq: 3 May 2018 1:10

Tgt Ion:264 Resp: 160275
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.7 17.5 26.3

