

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
 Data File : BF105053.D
 Acq On : 3 May 2018 2:03
 Operator : JU/SJ
 Sample : J2666-05 50X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CURB-B-CONCRETE

Quant Time: May 03 04:30:34 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

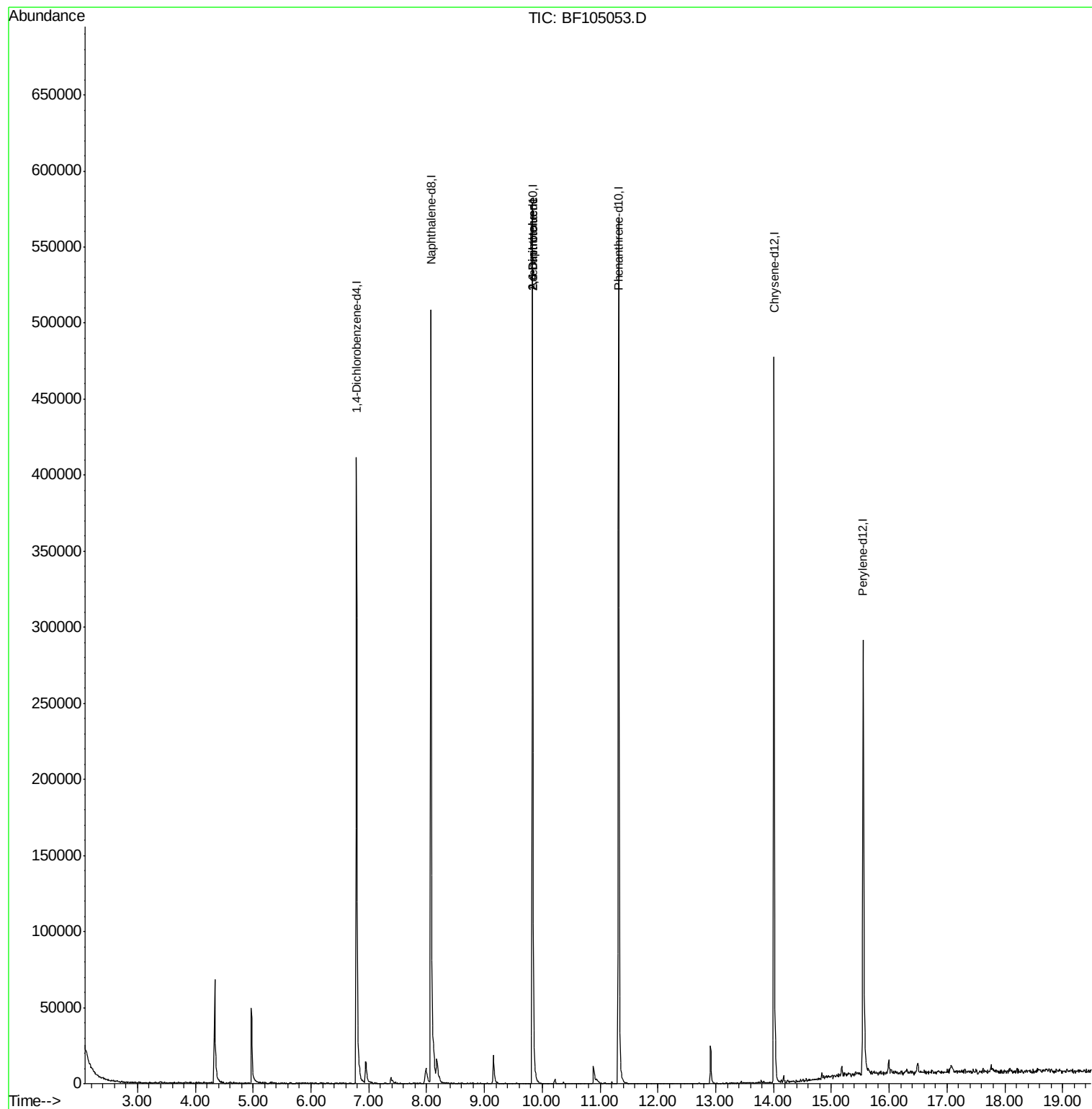
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79138	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	333575	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	145865	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	244635	20.00	ng	0.00
75) Chrysene-d12	14.01	240	208386	20.00	ng	-0.02
86) Perylene-d12	15.55	264	164925	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.50	99	143	0.02	ng	0.06
23) Nitrobenzene-d5	7.38	82	5048	0.99	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	14531	1.57	ng	0.00
78) Terphenyl-d14	12.91	244	13225	1.45	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.83	165	18606	8.742	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18606	6.664	ng	# 21

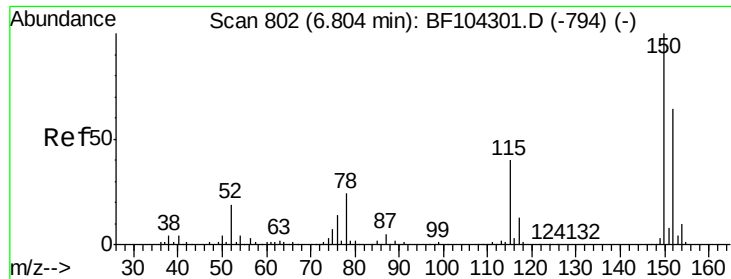
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF105053.D

Acq: 3 May 2018 2:03

Instrument :

BNA_F

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CURB-B-CONCRETE

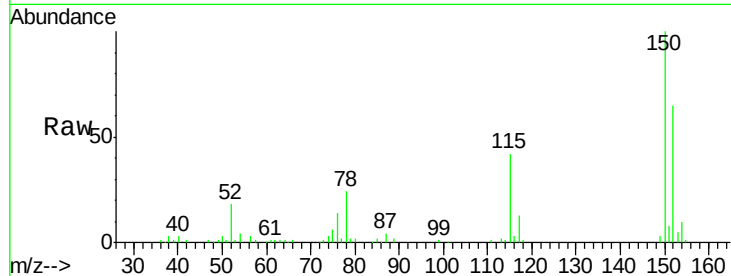
Tgt Ion:152 Resp: 79138

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

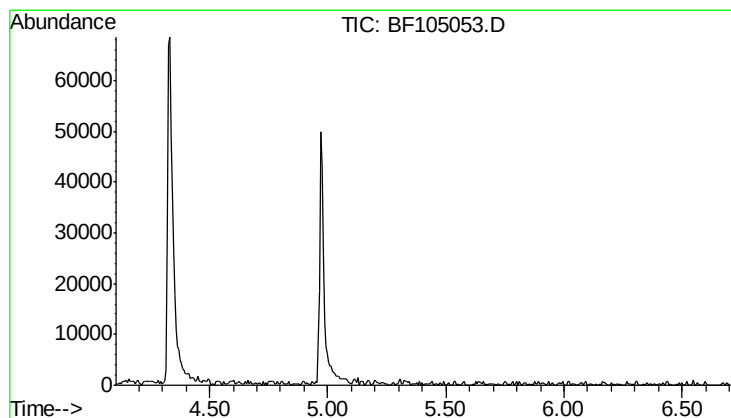
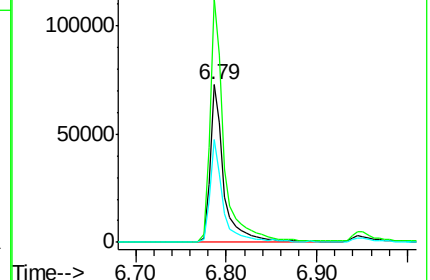
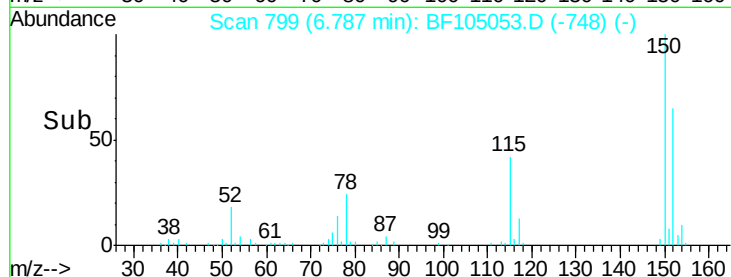
115 65.3 50.1 75.1



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: BF105053.D

Acq: 3 May 2018 2:03

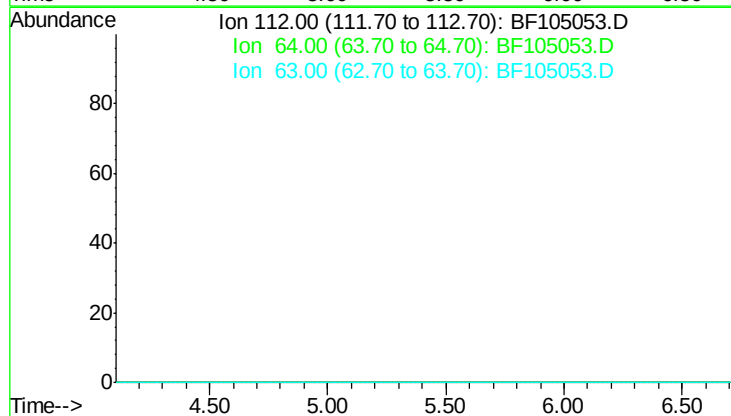
Tgt Ion: 112

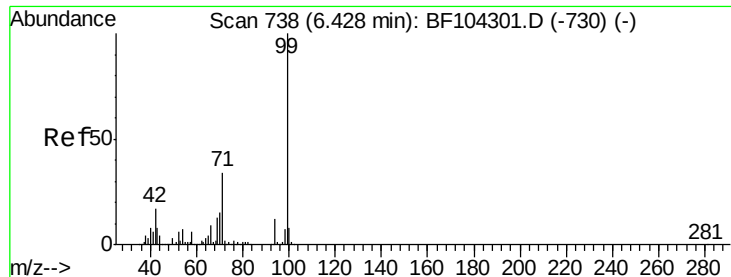
Sig Exp Ratio

112 100

64 59.9

63 29.6





#7

Phenol-d6

Concen: 0.022 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.06 min

Lab File: BF105053.D

Acq: 3 May 2018 2:03

Instrument :

BNA_F

ClientSampleId :

CURB-B-CONCRETE

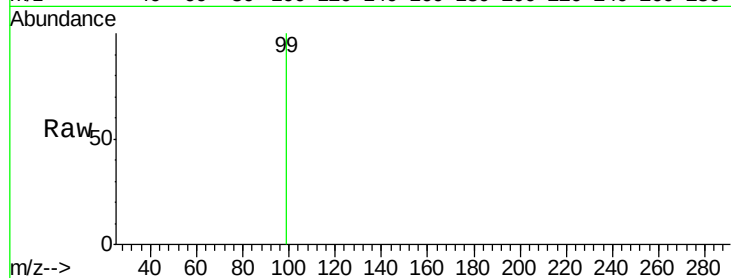
Tgt Ion: 99 Resp: 143

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

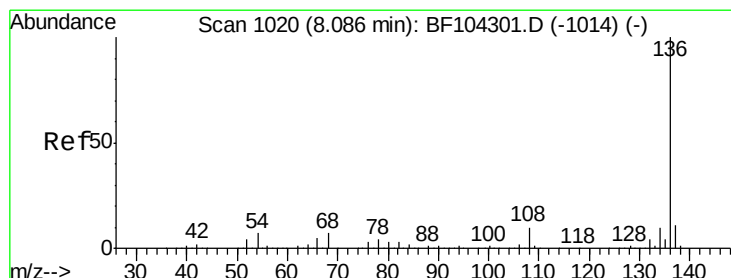
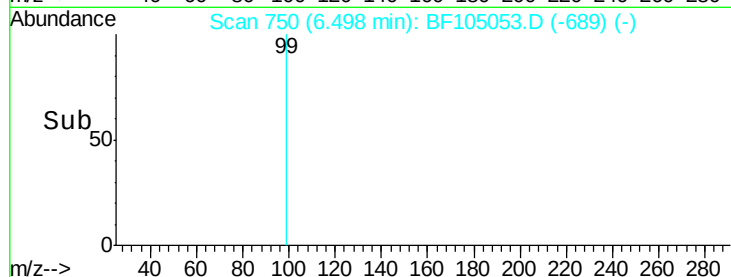
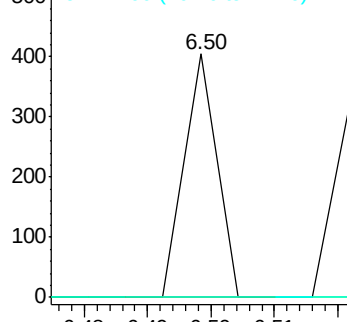
71 0.0 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105053.D

Acq: 3 May 2018 2:03

Tgt Ion: 136 Resp: 333575

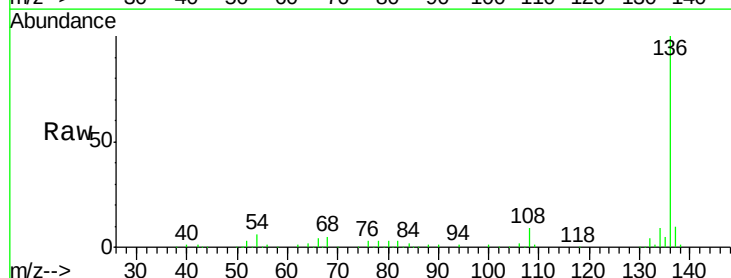
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 6.1 6.6 9.8#

68 5.1 5.0 7.4

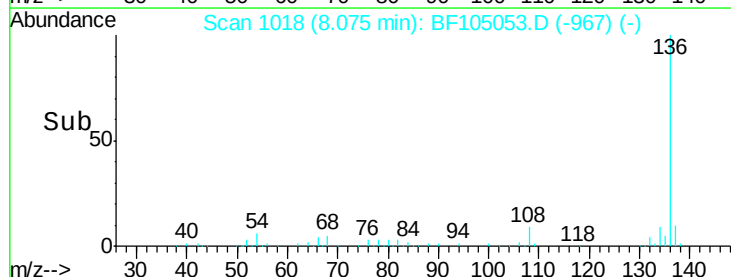
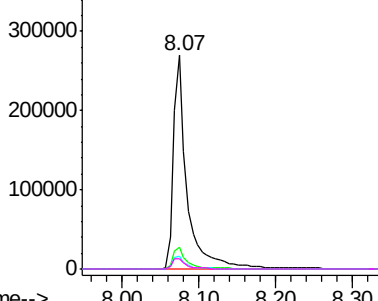


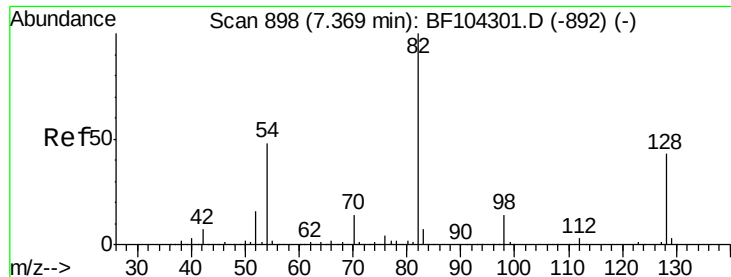
Abundance Ion 136.00 (135.70 to 136.70): E

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

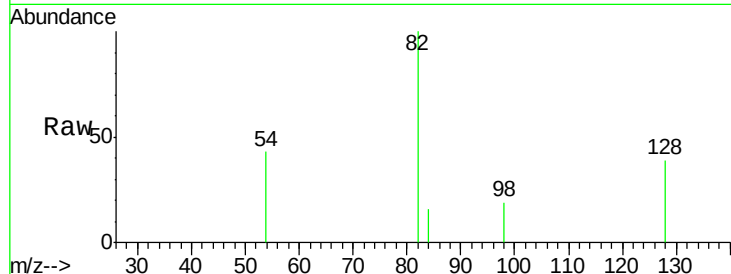




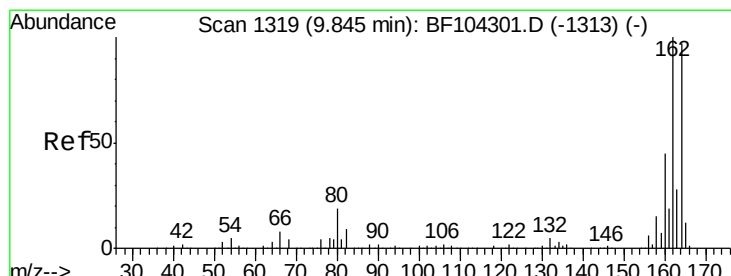
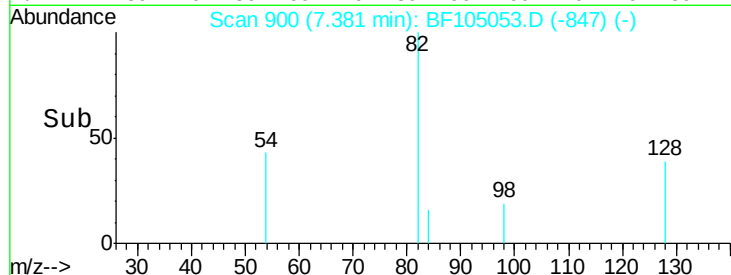
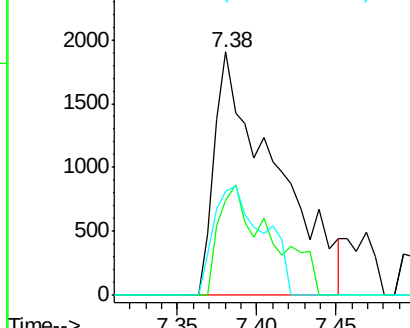
#23
 Nitrobenzene-d5
 Concen: 0.988 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

Instrument :
 BNA_F
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 CURB-B-CONCRETE

Tgt Ion: 82 Resp: 5048
 Ion Ratio Lower Upper
 82 100
 128 39.3 36.1 54.1
 54 43.0 41.4 62.2

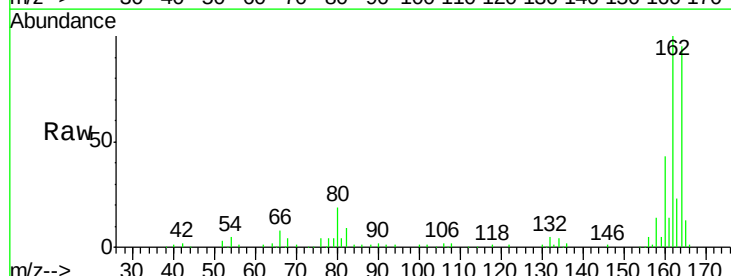


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

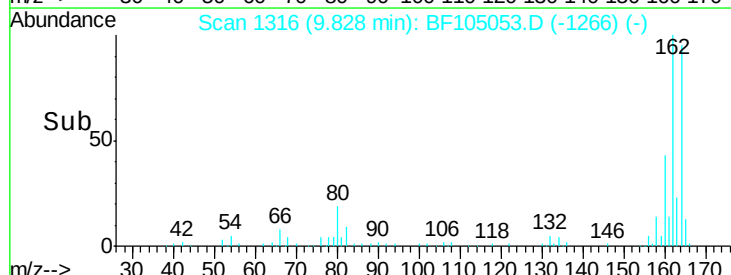
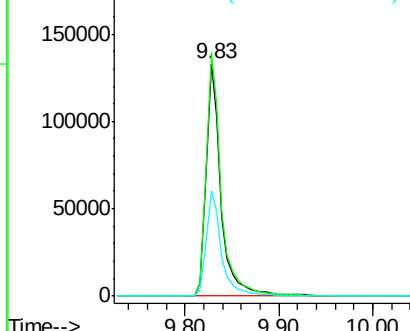


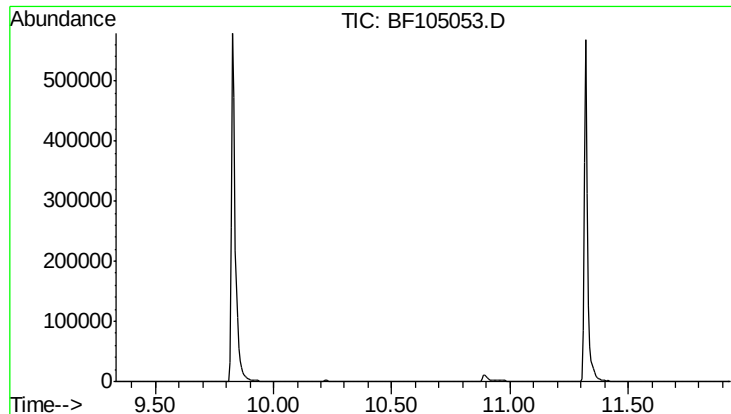
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

Tgt Ion: 164 Resp: 145865
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

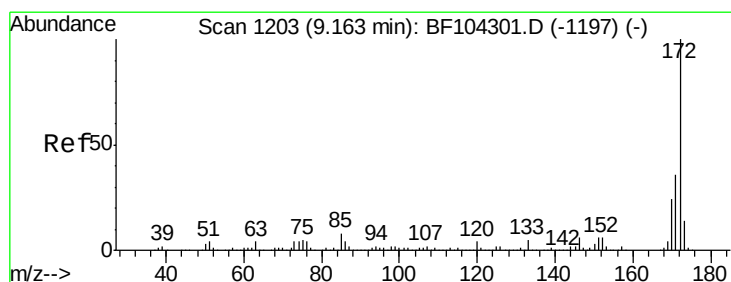
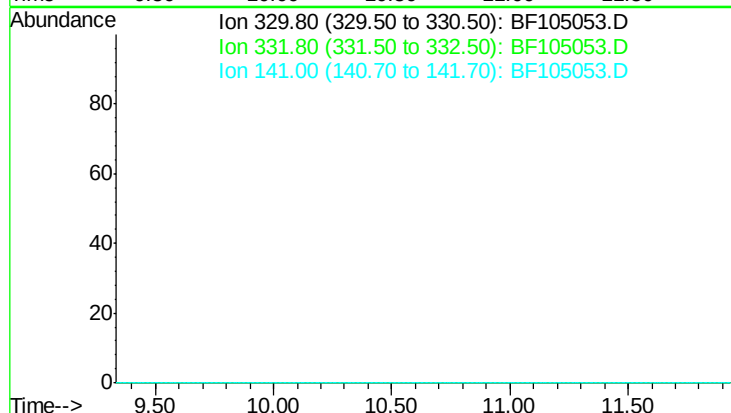




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

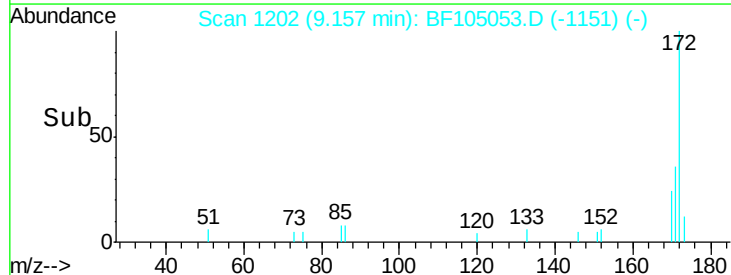
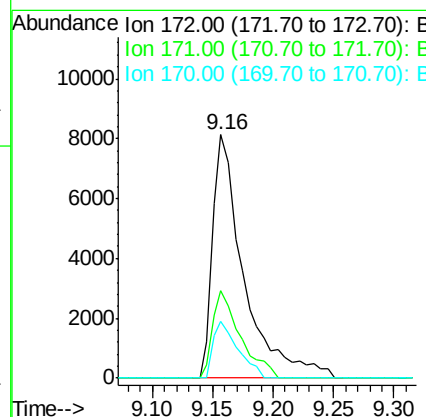
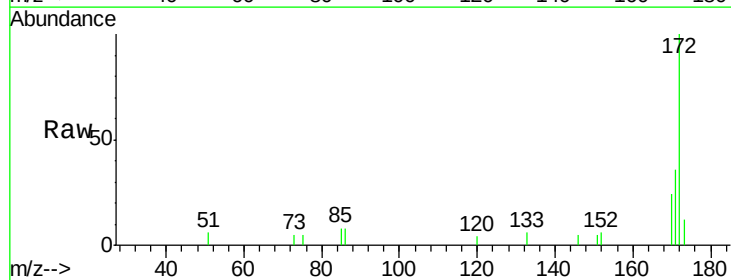
Instrument :
 BNA_F
 ClientSampleId :
 CURB-B-CONCRETE

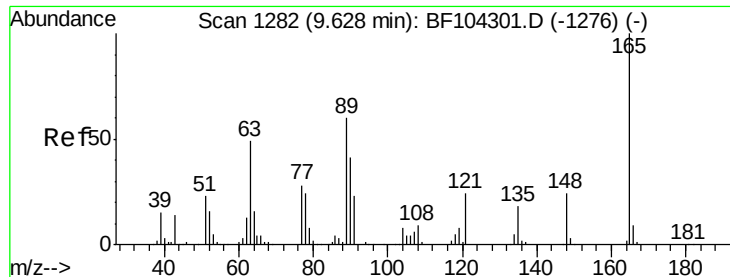
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 1.574 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

Tgt Ion: 172 Resp: 14531
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.5 19.6 29.4

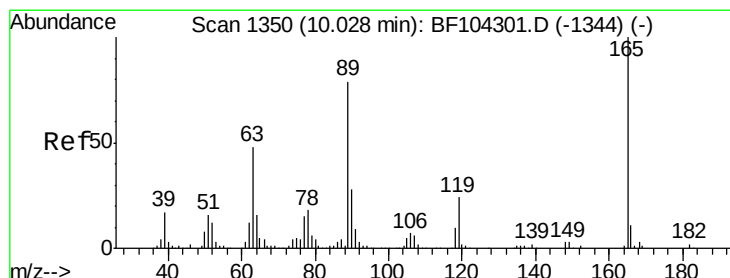
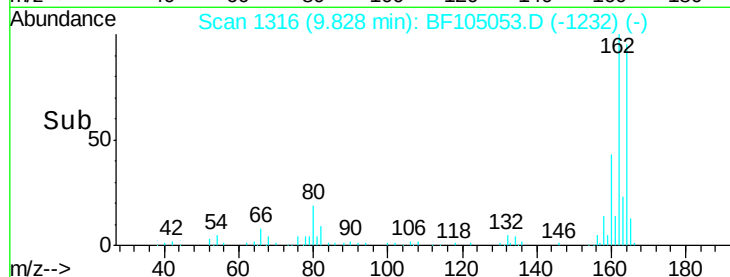
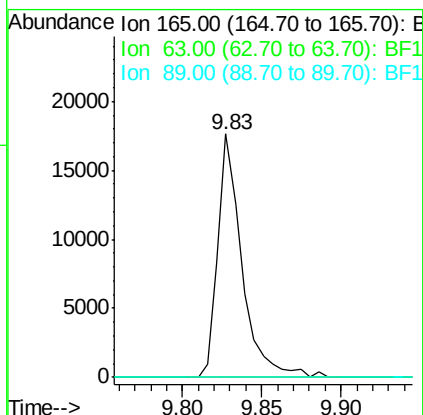
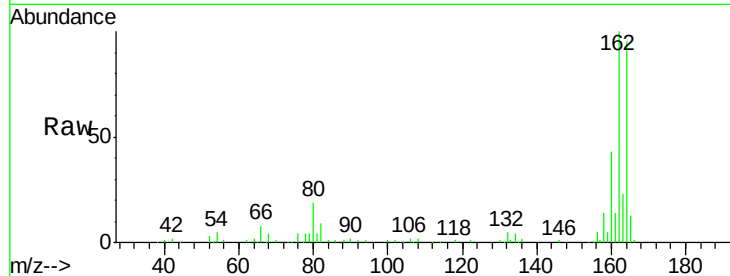




#50
 2,6-Dinitrotoluene
 Concen: 8.742 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

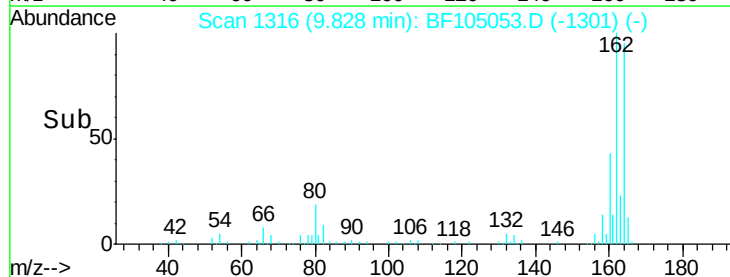
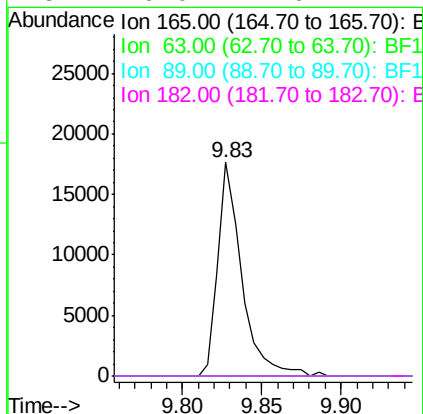
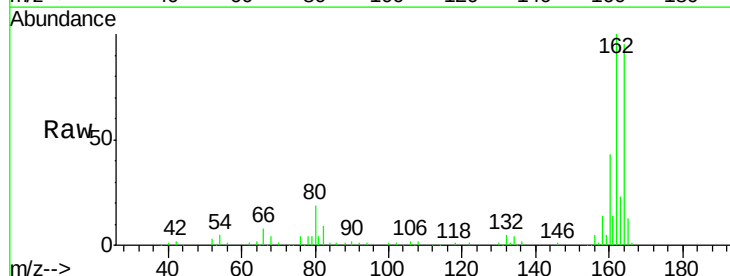
Instrument :
 BNA_F
 ClientSampleId :
 CURB-B-CONCRETE

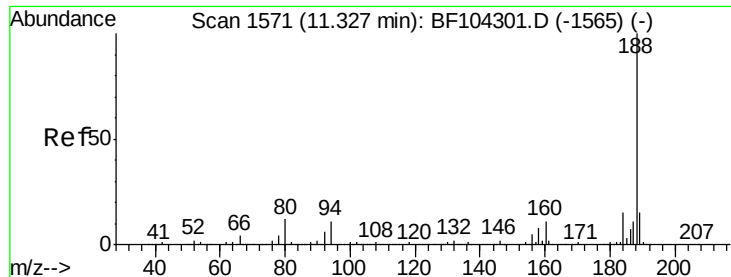
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.664 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

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#

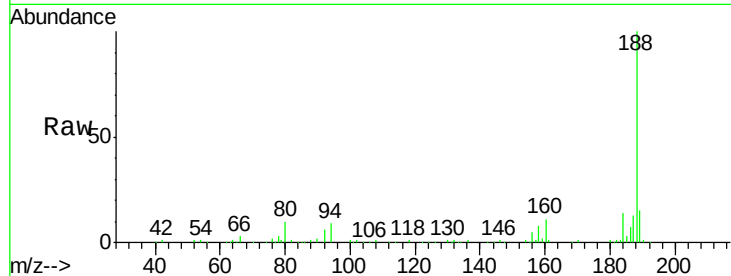




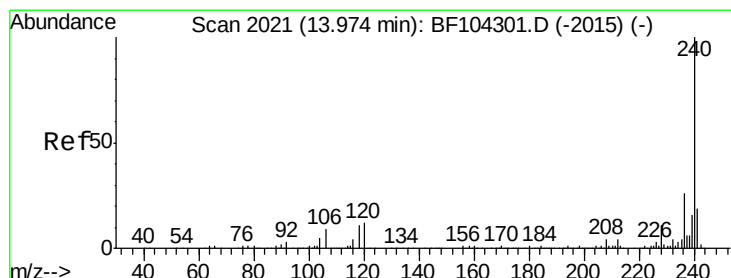
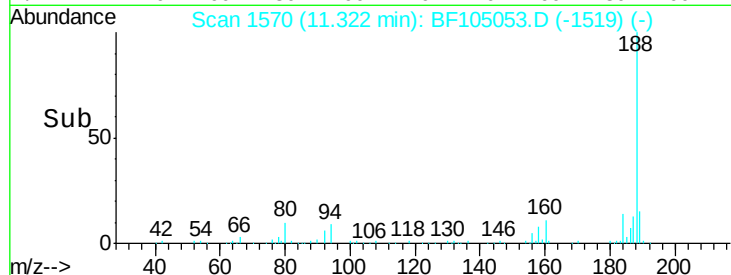
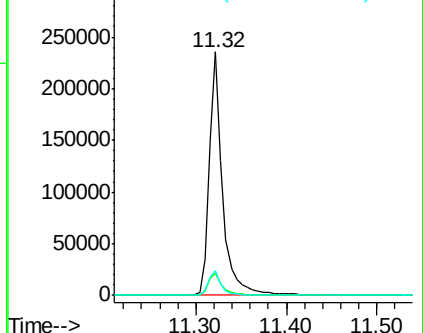
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105053.D
Acq: 3 May 2018 2:03

Instrument :
BNA_F
ClientSampleId :
CURB-B-CONCRETE

Tgt Ion:188 Resp: 244635
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.3 9.2 13.8

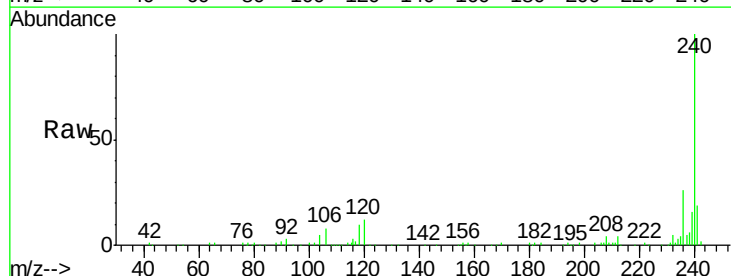


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

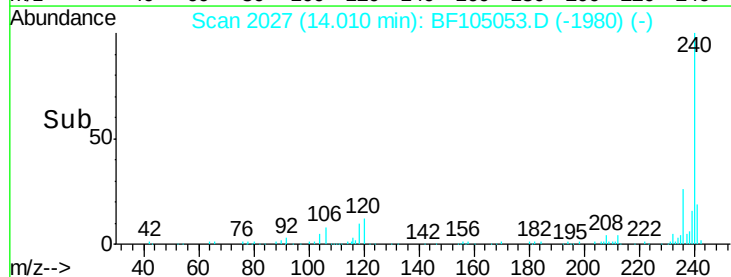
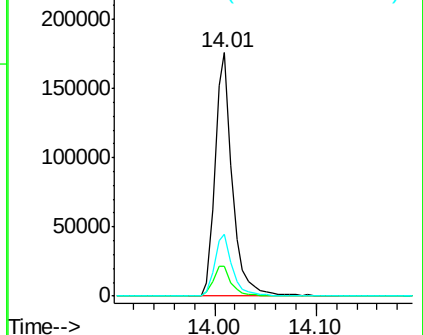


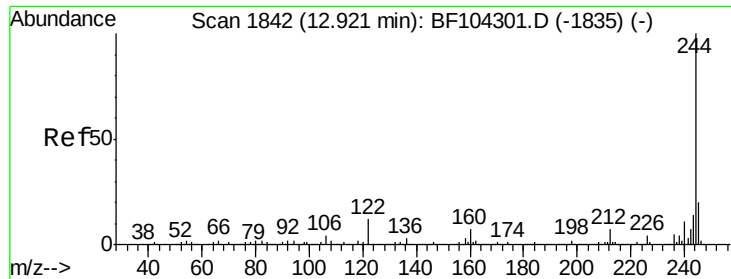
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105053.D
Acq: 3 May 2018 2:03

Tgt Ion:240 Resp: 208386
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.6 20.7 31.1



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

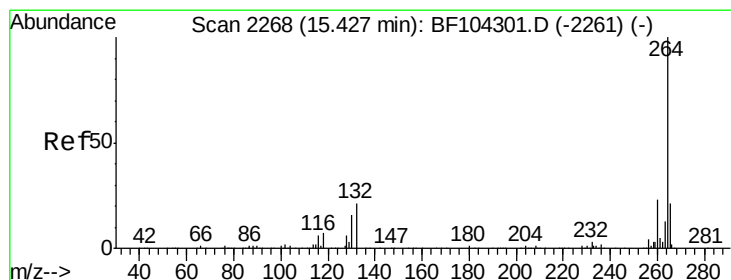
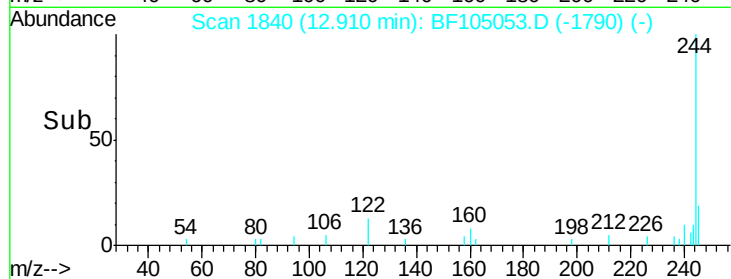
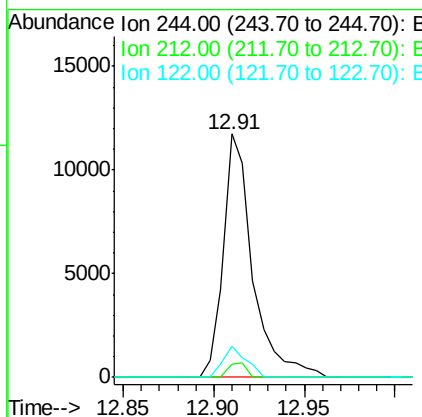
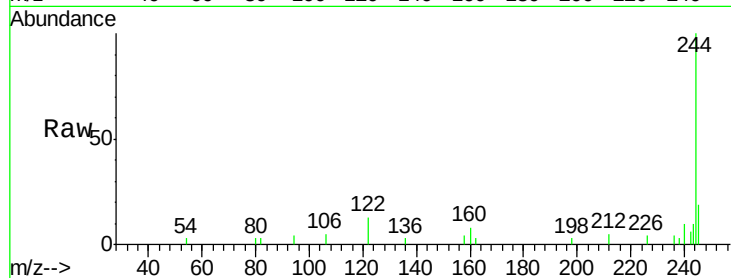




#78
 Terphenyl-d14
 Concen: 1.447 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

Instrument :
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 CURB-B-CONCRETE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.4	5.4	8.0
122	12.5	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.04 min
 Lab File: BF105053.D
 Acq: 3 May 2018 2:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.5	26.3

