

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105031.D
 Acq On : 2 May 2018 15:22
 Operator : JU/SJ
 Sample : J2616-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Quant Time: May 03 09:10:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

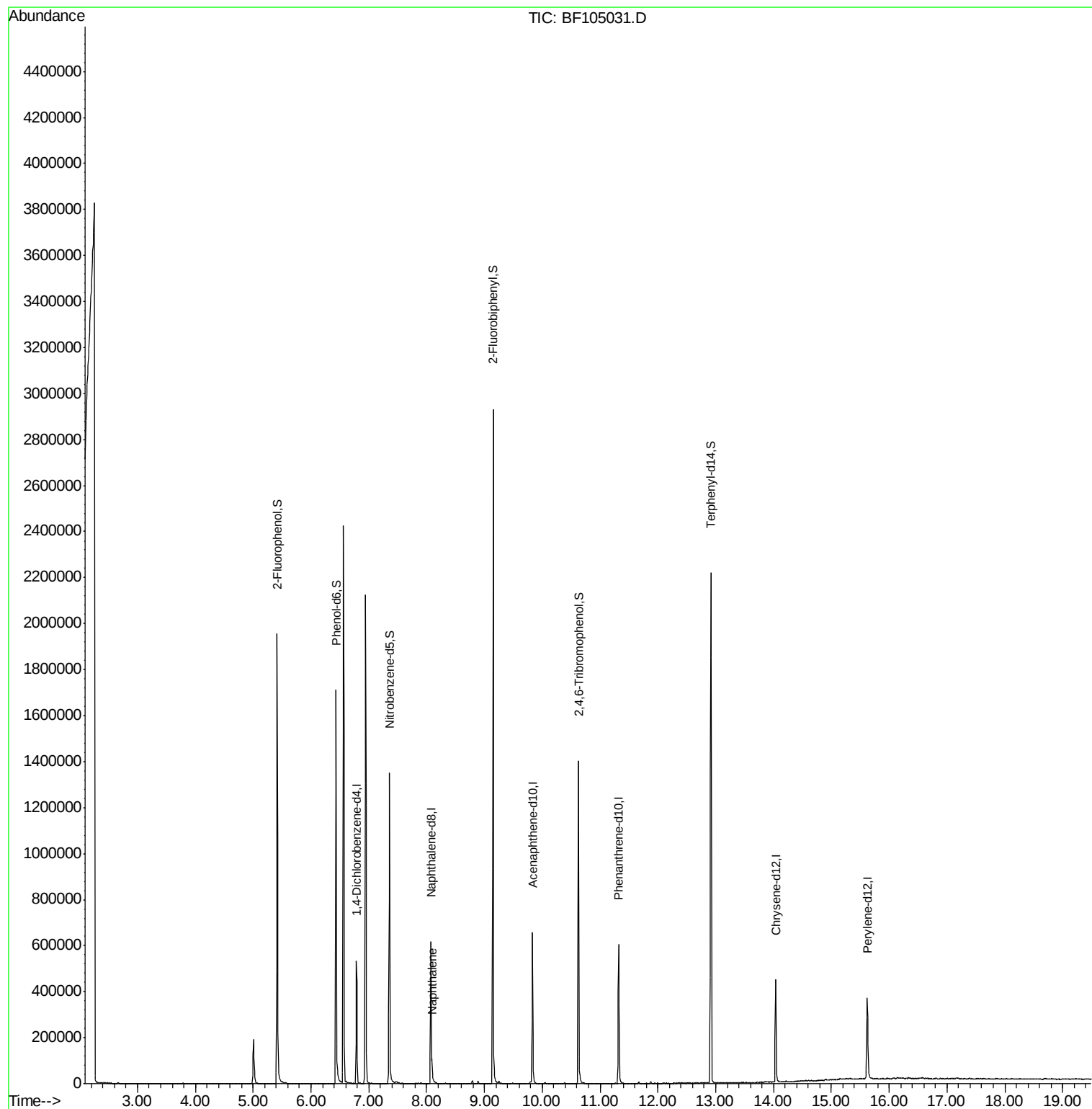
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	80632	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	326763	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	143382	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	236668	20.00	ng	0.00
75) Chrysene-d12	14.04	240	185981	20.00	ng	0.06
86) Perylene-d12	15.62	264	175550	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	609621	115.60	ng	0.01
7) Phenol-d6	6.43	99	644952	99.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	493204	98.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	199742	134.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	942019	103.79	ng	0.00
78) Terphenyl-d14	12.92	244	807471	98.98	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	38846	2.387	ng	Qvalue 98

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

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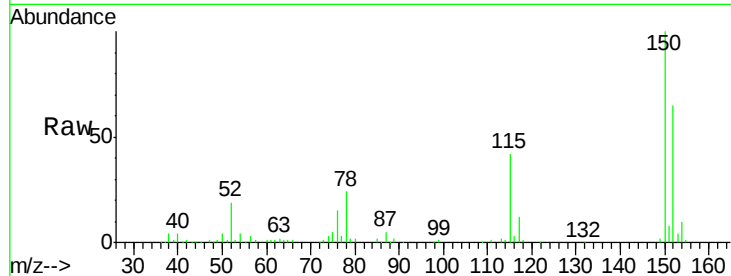




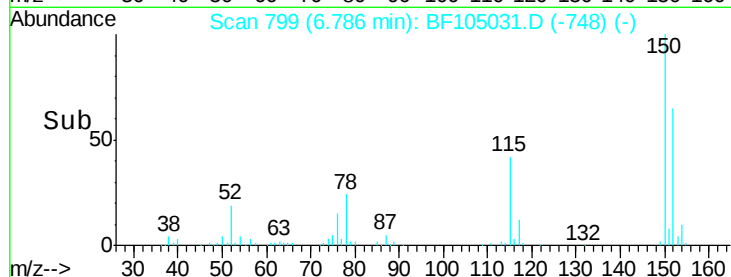
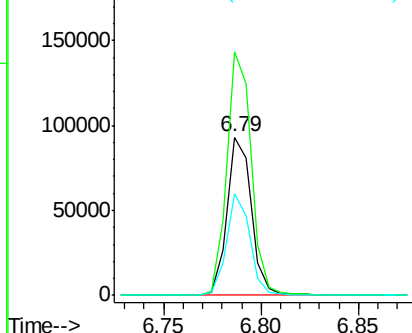
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tot Ion:152 Resp: 80632
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 64.7 50.1 75.1

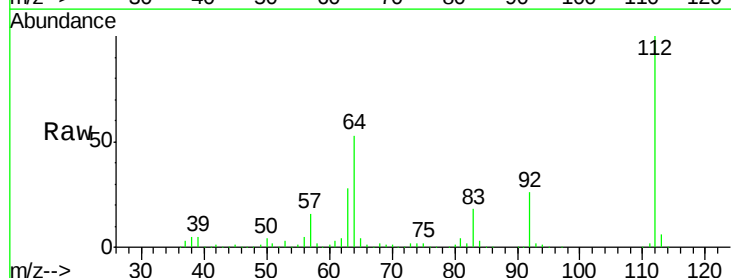


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

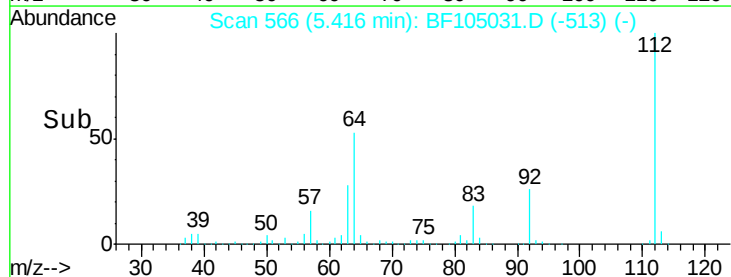
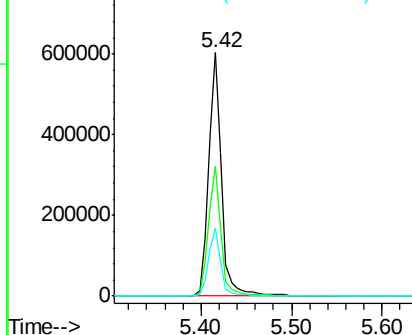


#5
 2-Fluorophenol
 Concen: 115.605 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Tgt Ion:112 Resp: 609621
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.542 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF105031.D

Acq: 2 May 2018 15:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

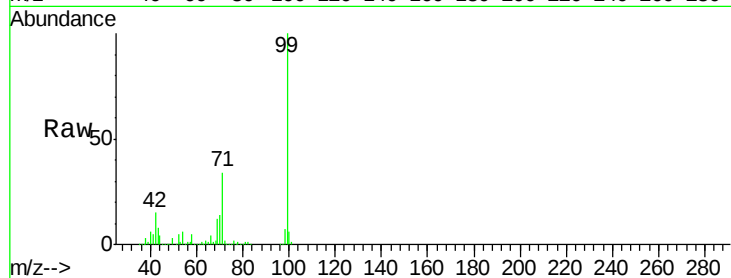
Tot Ion: 99 Resp: 644952

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

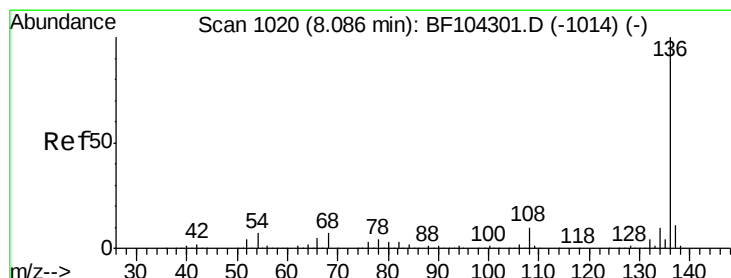
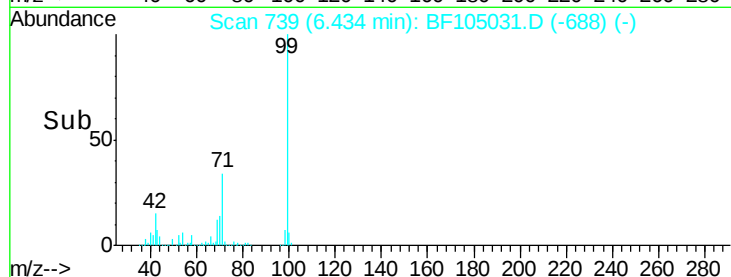
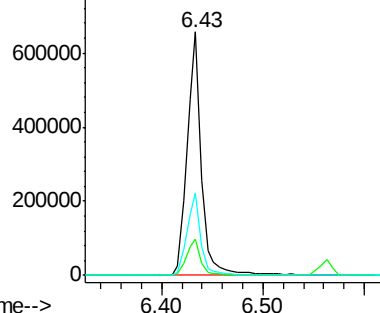
71 33.6 25.4 38.0



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: BF105031.D

Acq: 2 May 2018 15:22

Tgt Ion: 136 Resp: 326763

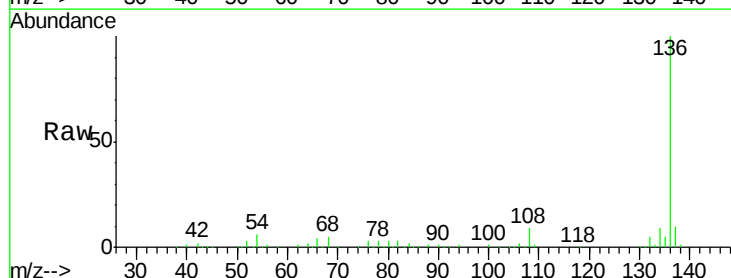
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 5.6 6.6 9.8#

68 5.3 5.0 7.4

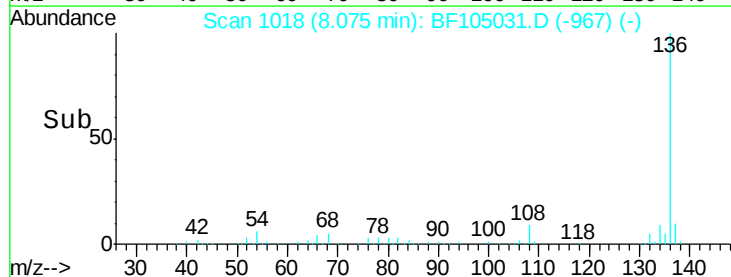
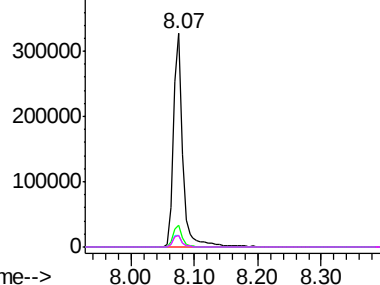


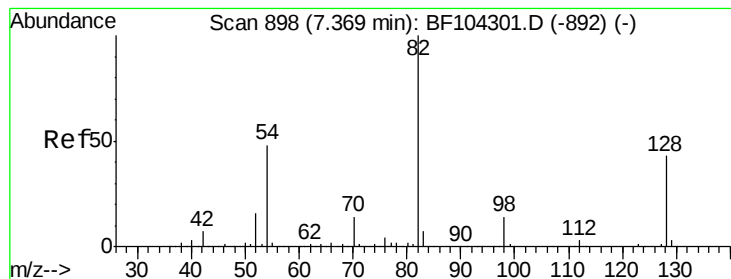
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.558 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105031.D

Acq: 2 May 2018 15:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1

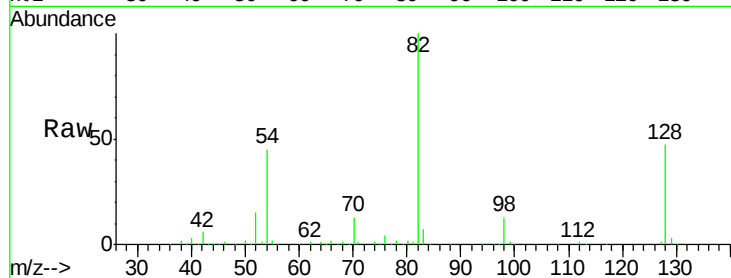
Tot Ion: 82 Resp: 493204

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

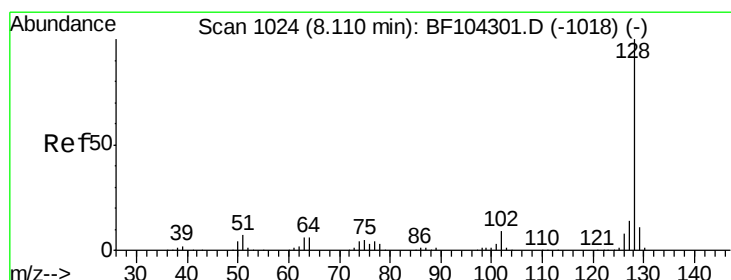
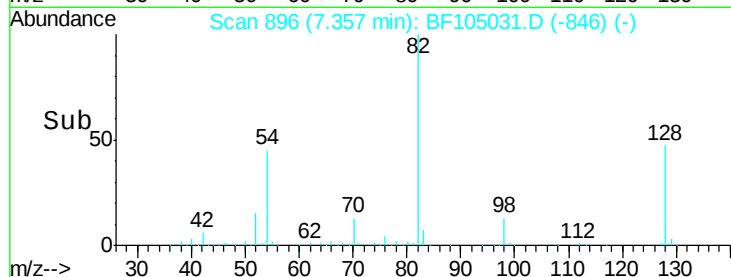
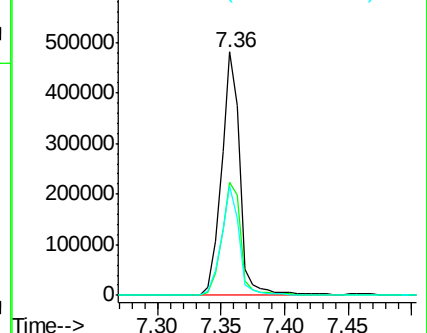
54 44.8 41.4 62.2



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



#31

Naphthalene

Concen: 2.387 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105031.D

Acq: 2 May 2018 15:22

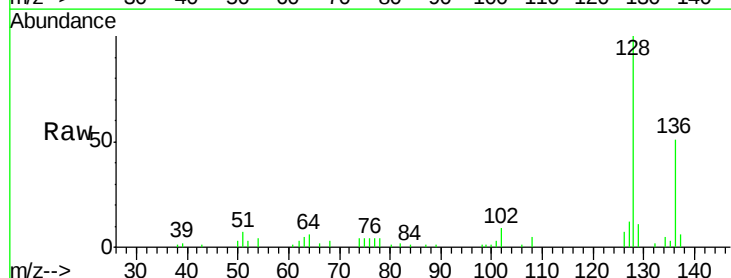
Tgt Ion: 128 Resp: 38846

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

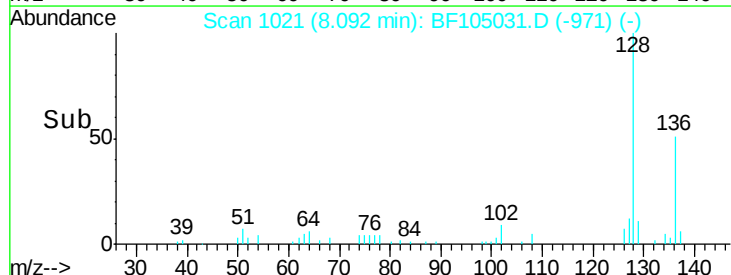
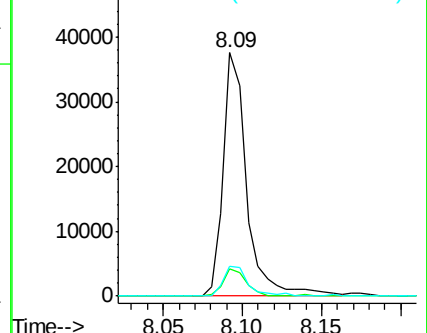
127 12.4 10.9 16.3

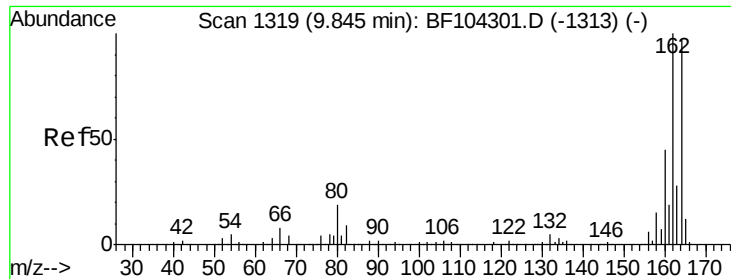


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

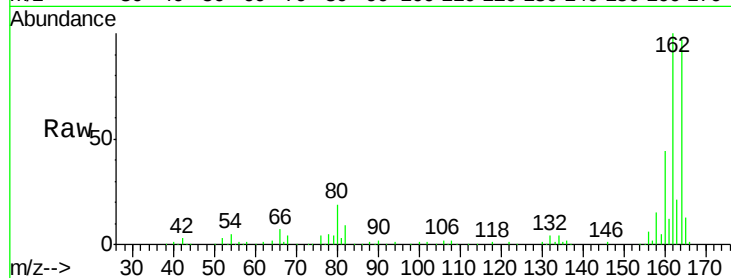




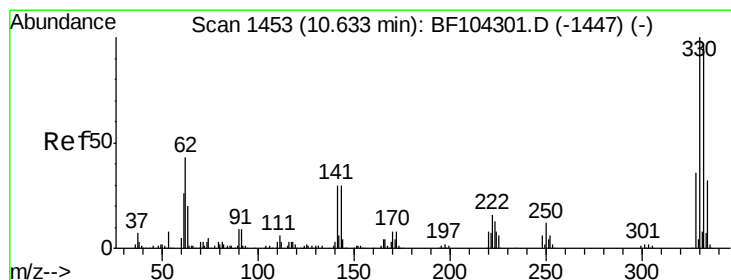
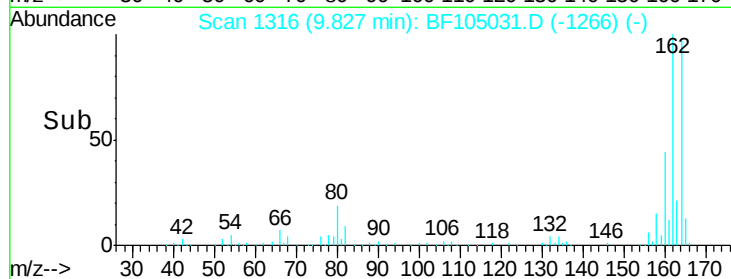
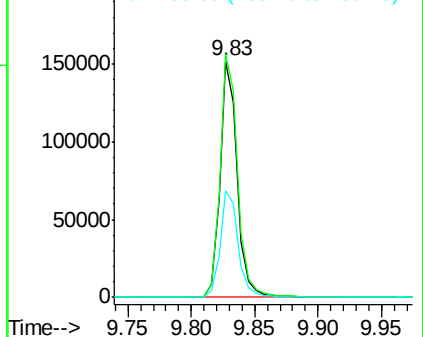
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tot Ion:164 Resp: 143382
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 45.0 38.3 57.5

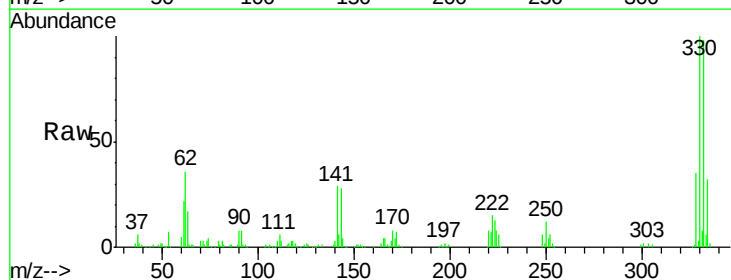


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

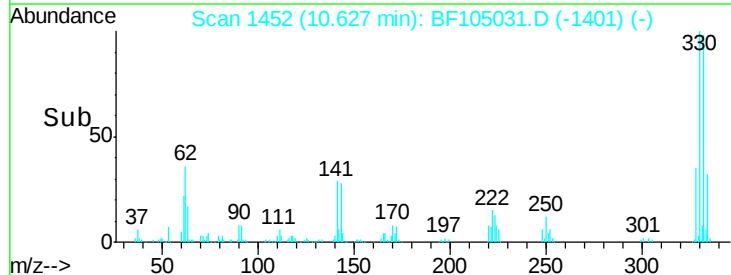
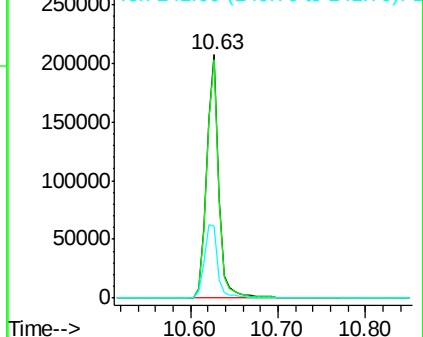


#41
 2,4,6-Tribromophenol
 Concen: 134.295 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Tgt Ion:330 Resp: 199742
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 33.5 29.9 44.9



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

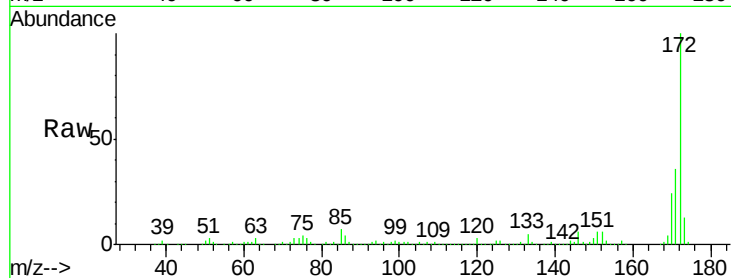




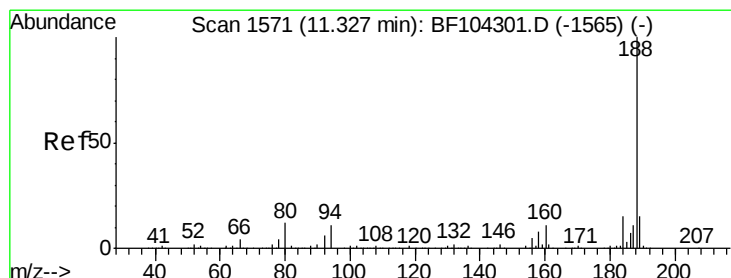
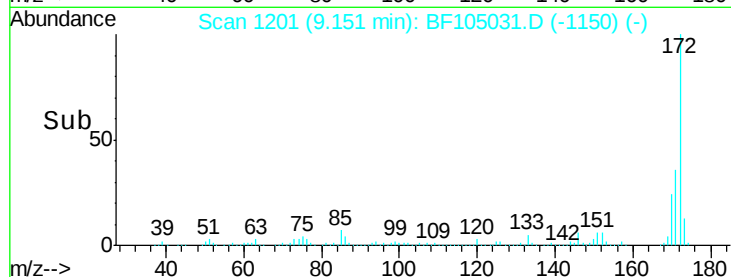
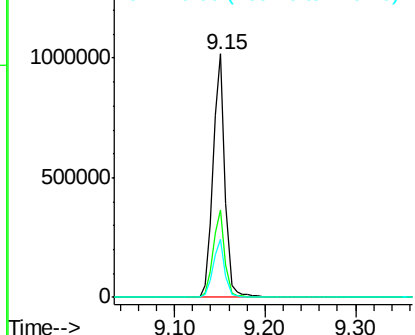
#44
 2-Fluorobiphenyl
 Concen: 103.790 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tot Ion:172 Resp: 942019
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.7 19.6 29.4

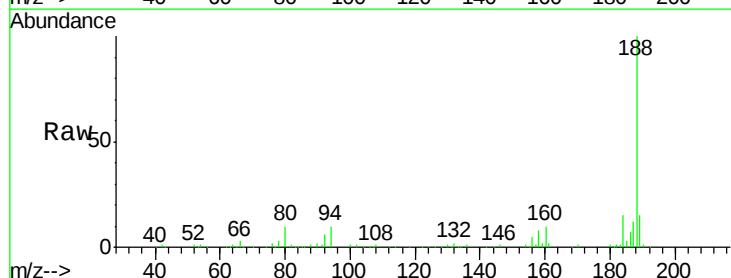


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

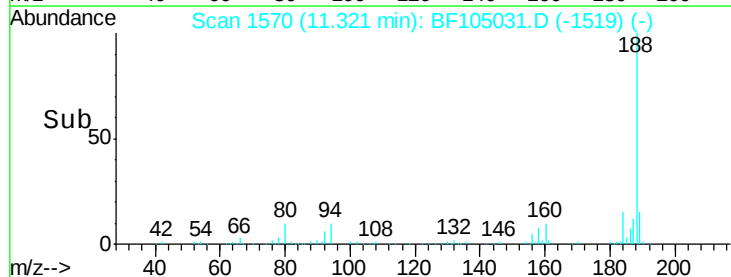
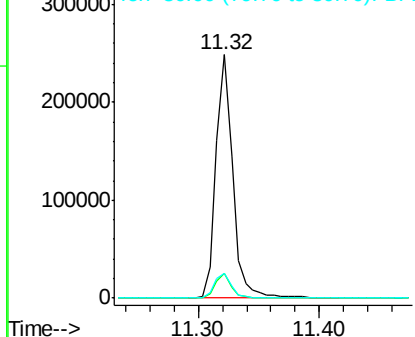


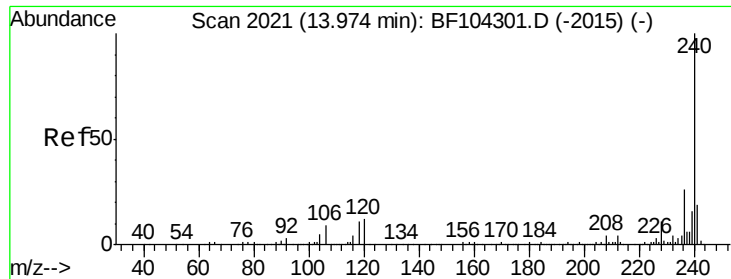
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Tgt Ion:188 Resp: 236668
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.1 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

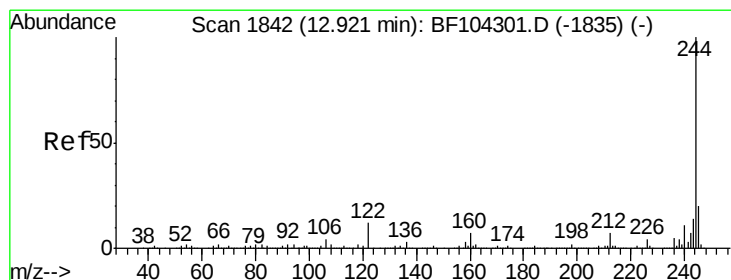
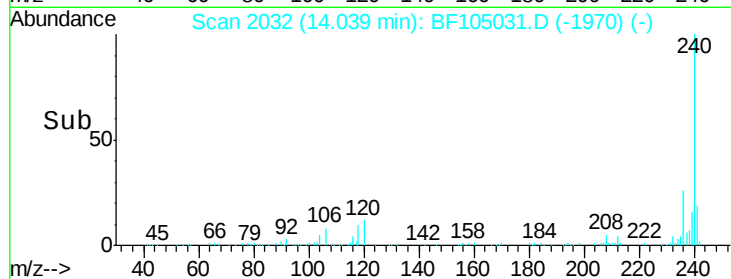
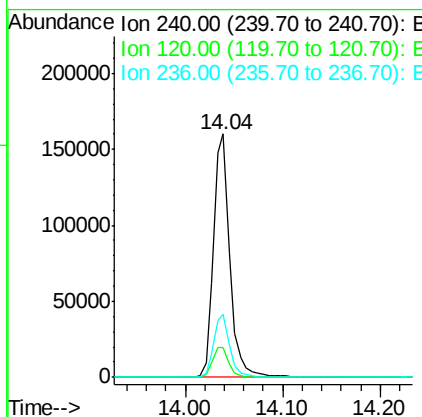
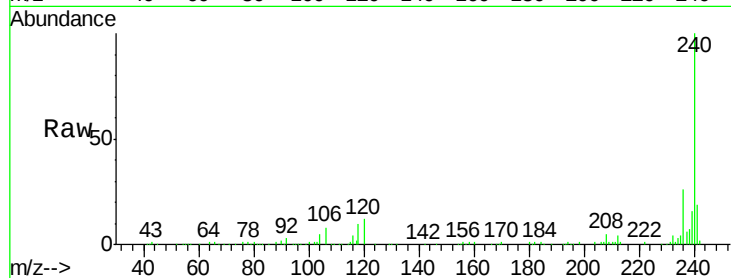




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.06 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

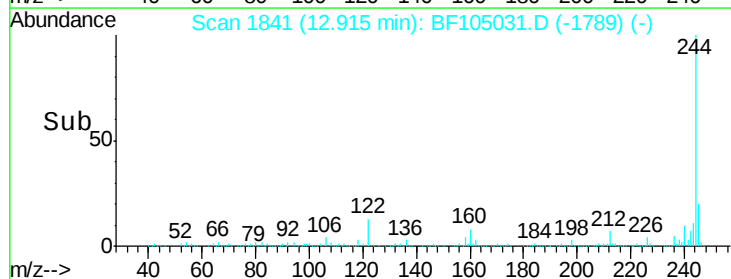
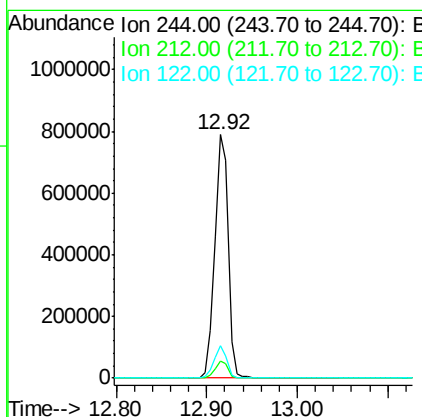
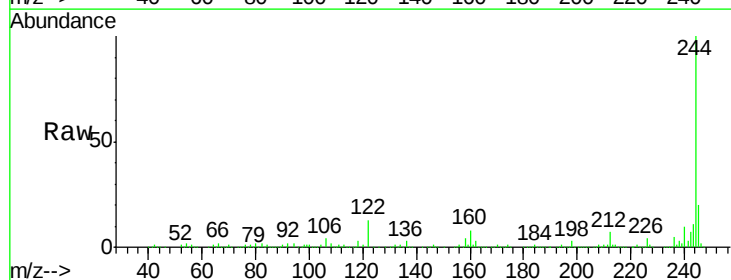
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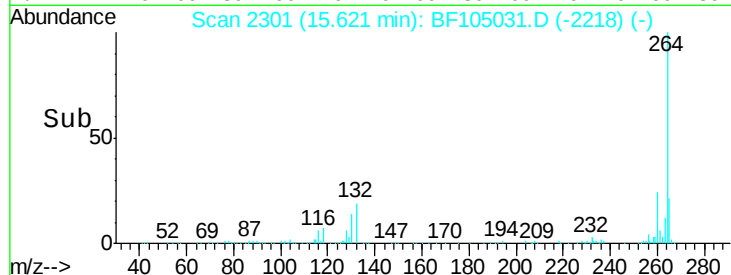
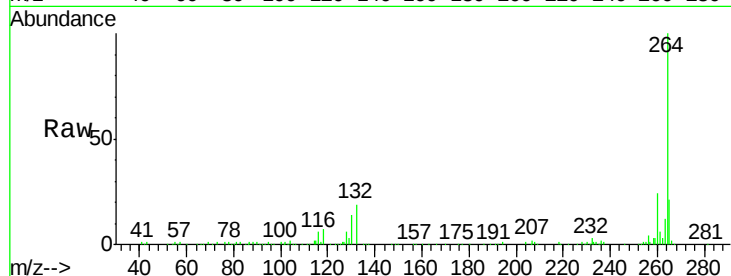
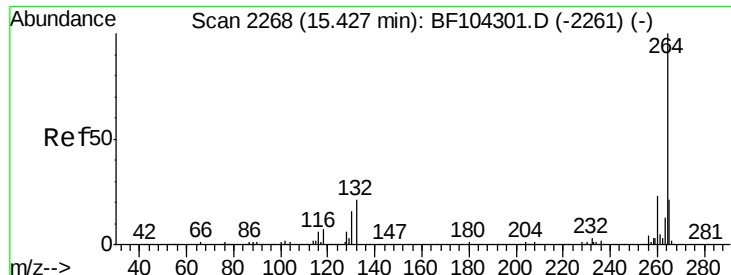
Tot Ion:240 Resp: 185981
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.5 14.3
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 98.983 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105031.D
 Acq: 2 May 2018 15:22

Tgt Ion:244 Resp: 807471
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.2 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.19 min
Lab File: BF105031.D
Acq: 2 May 2018 15:22

Instrument :
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CONCRETE-1

Tot Ion:	264	Resp:	175550
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3

