

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105032.D
 Acq On : 2 May 2018 15:49
 Operator : JU/SJ
 Sample : J2616-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: May 02 17:52:02 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	84822	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350228	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	159292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	275504	20.00	ng	0.00
75) Chrysene-d12	14.03	240	209241	20.00	ng	0.00
86) Perylene-d12	15.59	264	191569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	656214	118.29	ng	0.01
7) Phenol-d6	6.43	99	698548	102.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	538683	100.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	226993	137.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1007634	99.93	ng	0.00
78) Terphenyl-d14	12.92	244	912487	99.42	ng	0.00

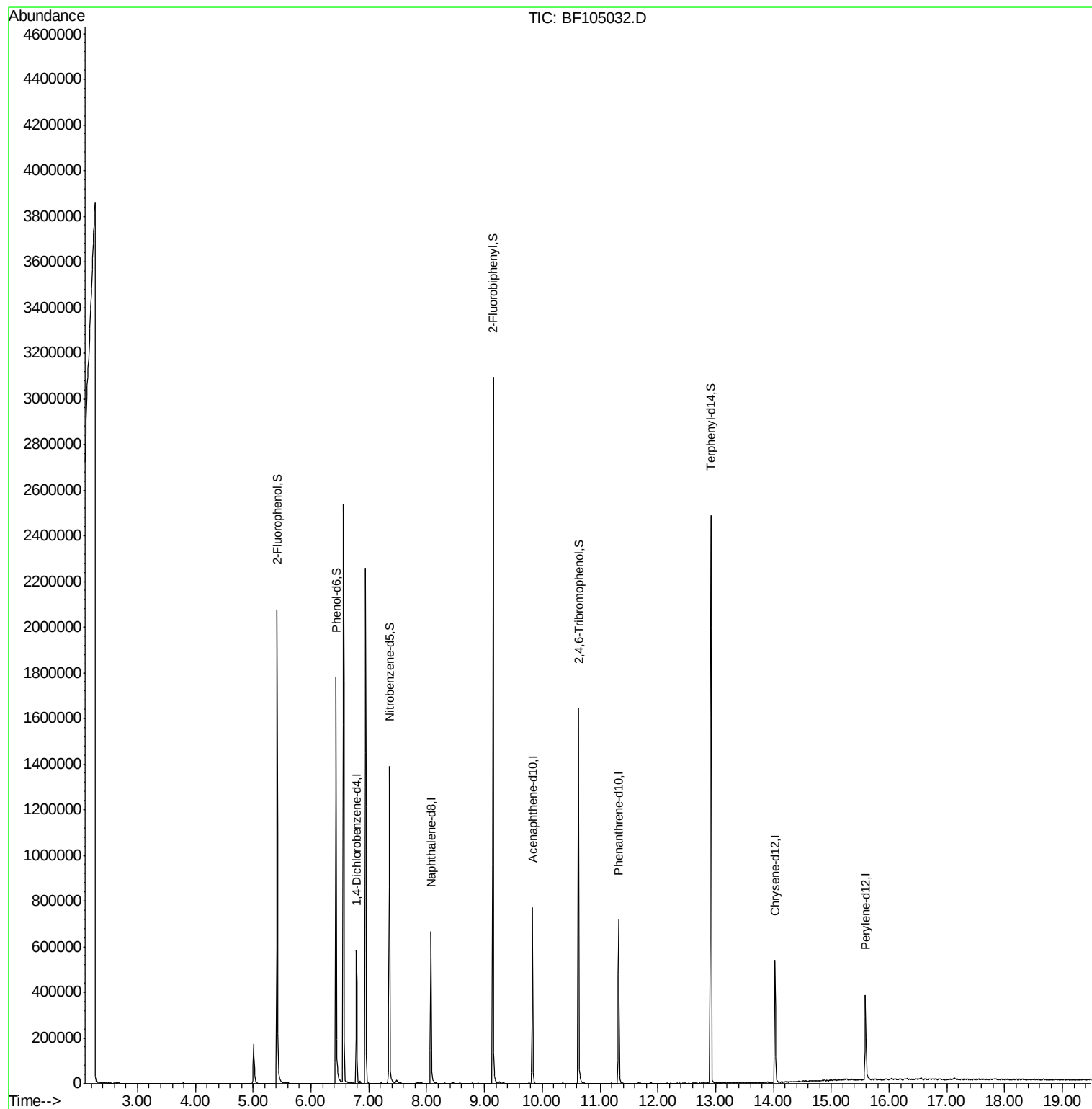
Target Compounds Qvalue

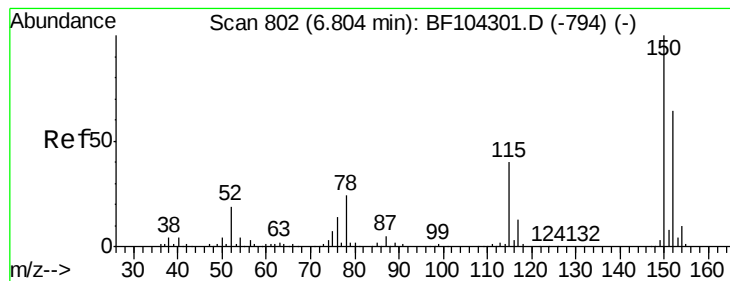
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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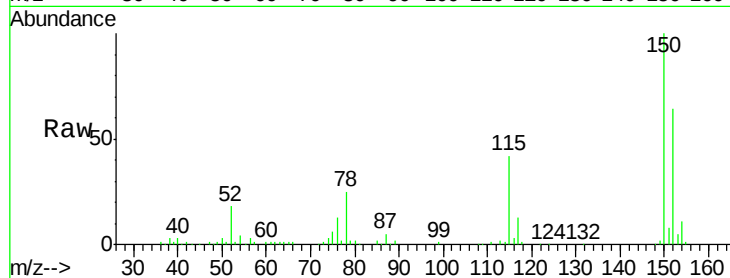


#1

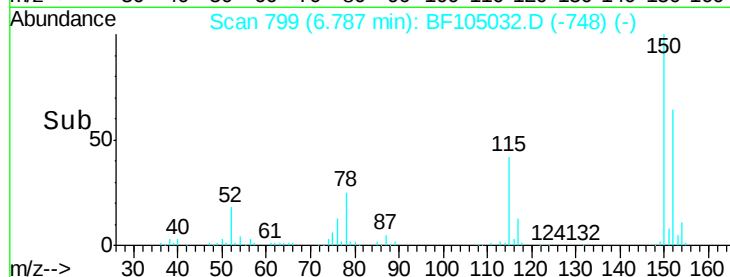
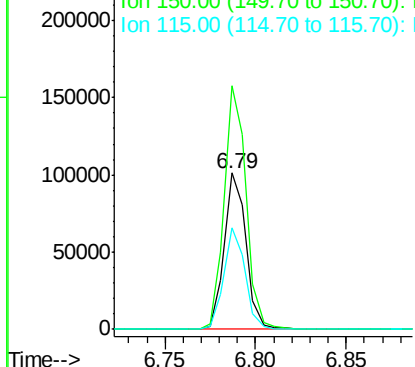
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tot Ion:152 Resp: 84822
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 65.3 50.1 75.1



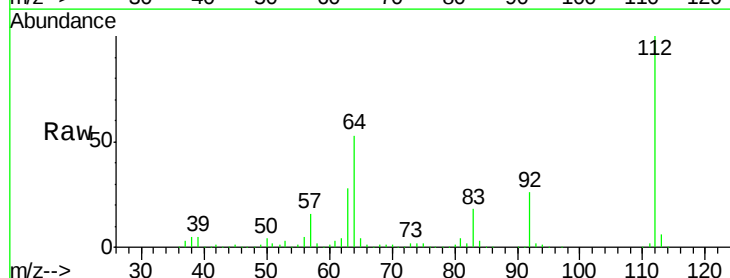
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



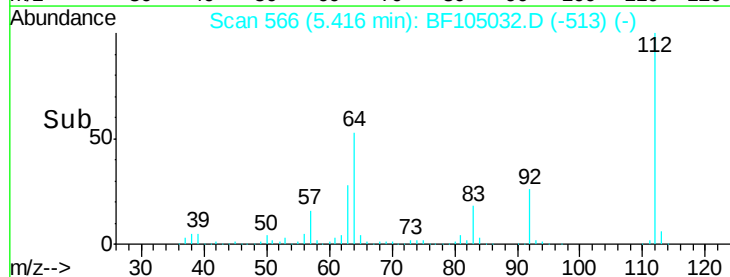
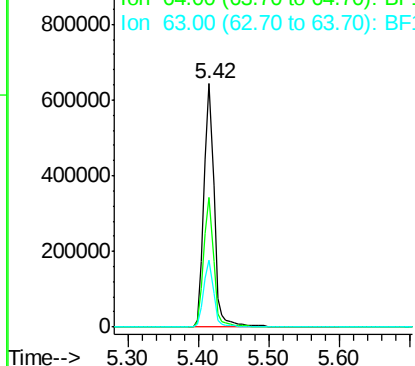
#5

2-Fluorophenol
 Concen: 118.293 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion:112 Resp: 656214
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.9 71.9
 63 27.7 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: 102.488 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105032.D

Acq: 2 May 2018 15:49

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

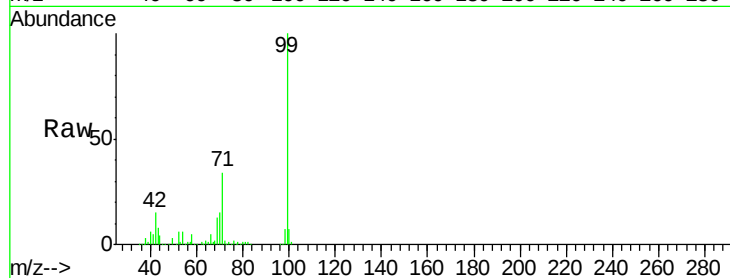
Tot Ion: 99 Resp: 698548

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 33.7 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

6.43

800000

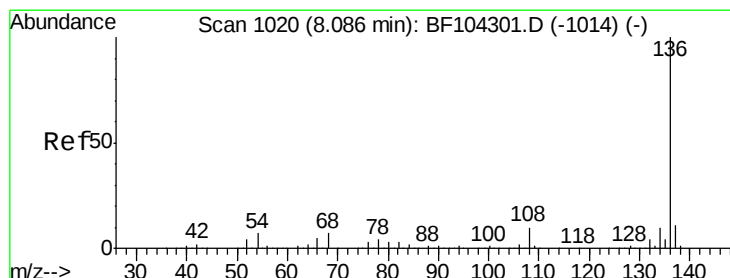
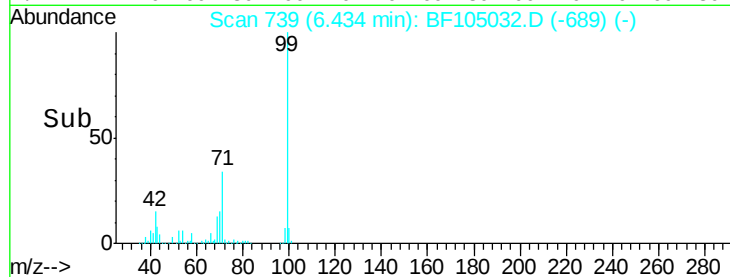
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105032.D

Acq: 2 May 2018 15:49

Tgt Ion: 136 Resp: 350228

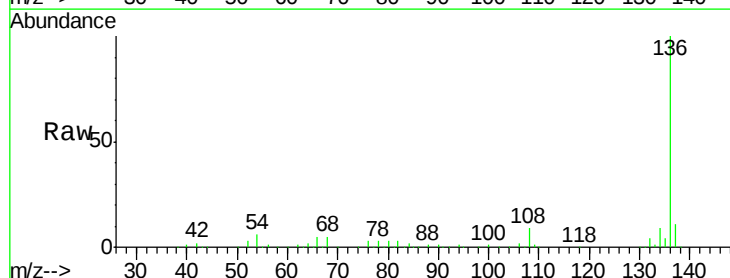
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 4.9 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

8.07

500000

400000

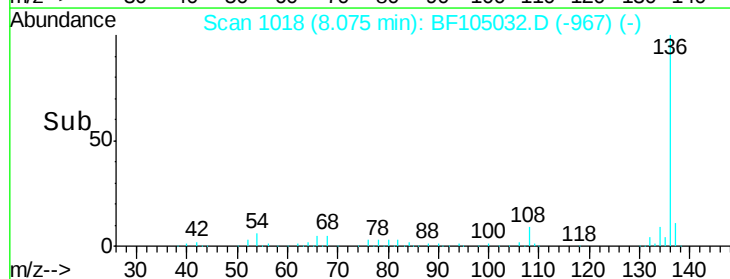
300000

200000

100000

0

Time-->

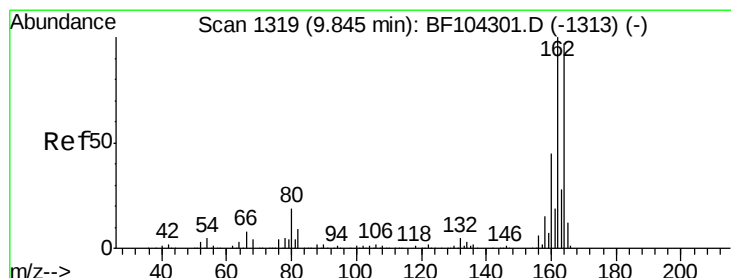
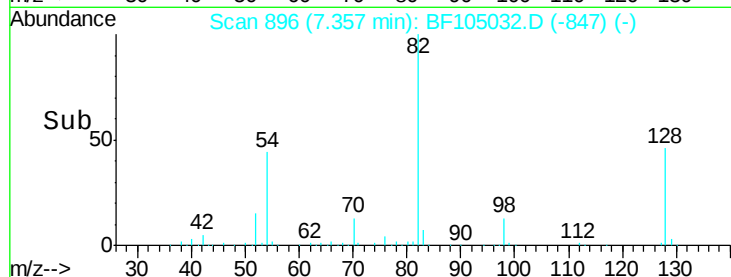
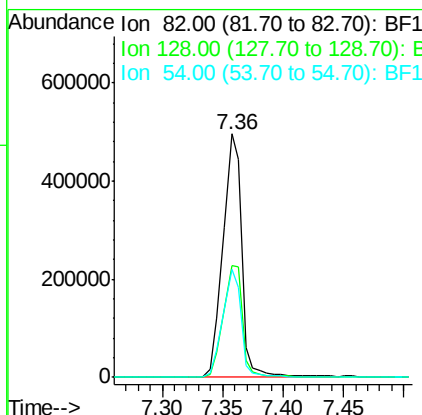
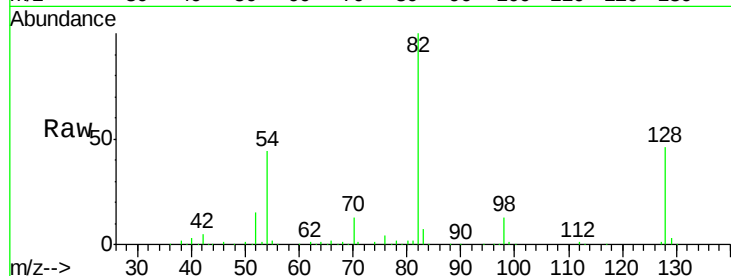




#23
 Nitrobenzene-d5
 Concen: 100.434 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

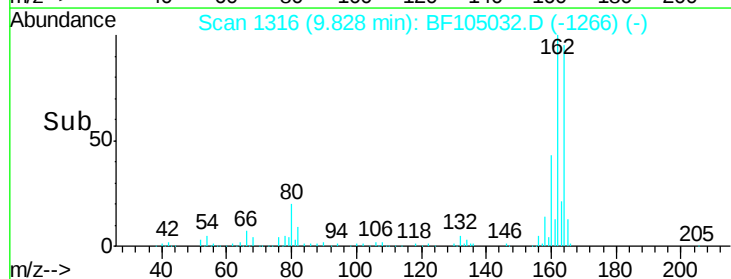
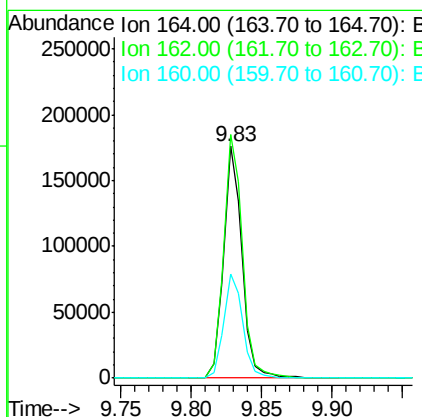
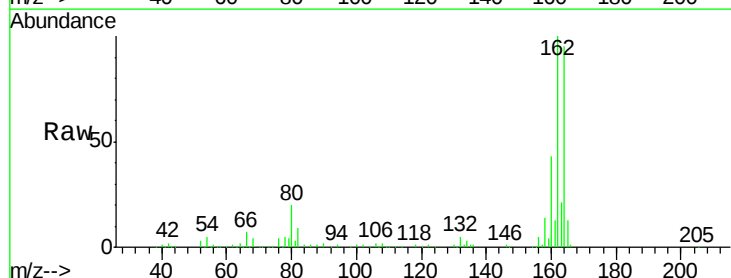
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tot Ion: 82 Resp: 538683
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 44.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion:164 Resp: 159292
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 44.8 38.3 57.5

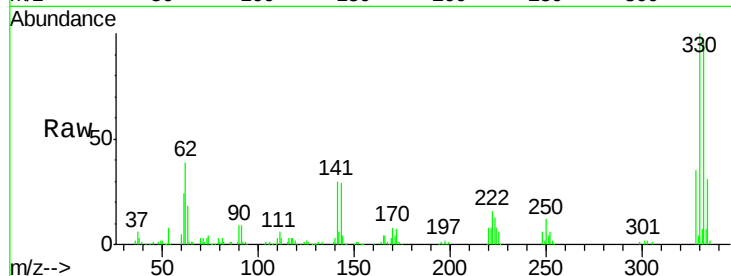




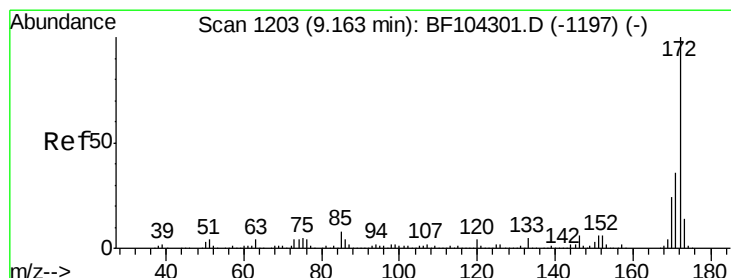
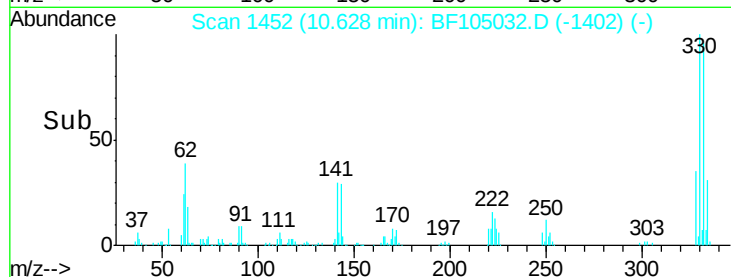
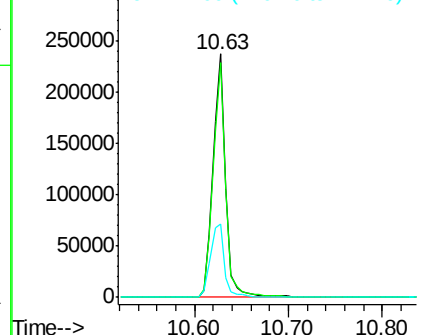
#41
 2,4,6-Tribromophenol
 Concen: 137.373 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.0	29.9	44.9

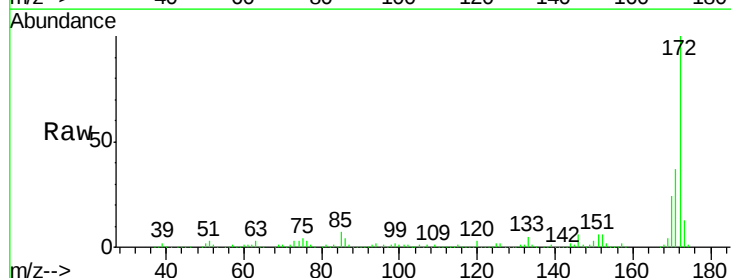


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

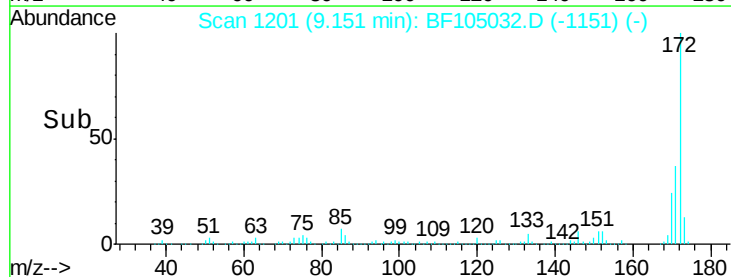
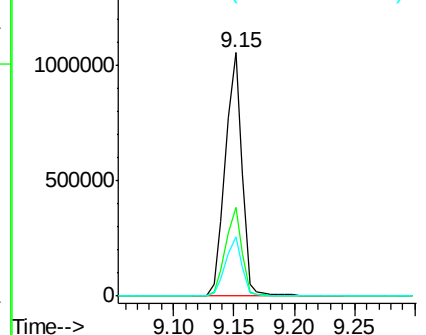


#44
 2-Fluorobiphenyl
 Concen: 99.930 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	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

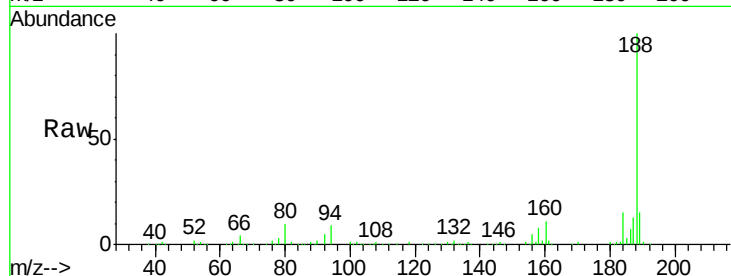




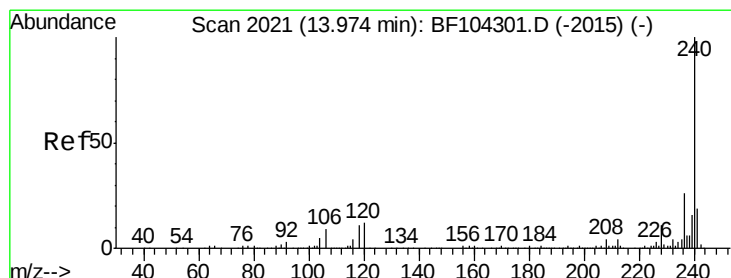
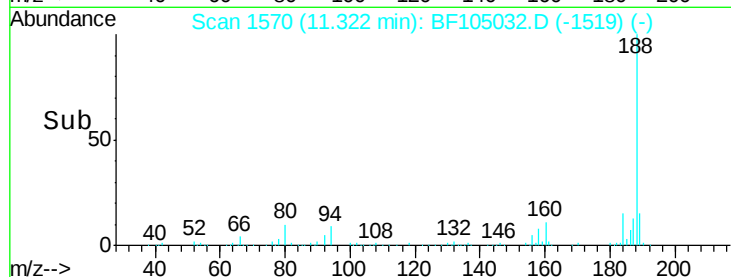
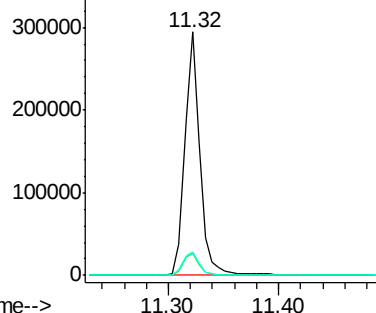
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8

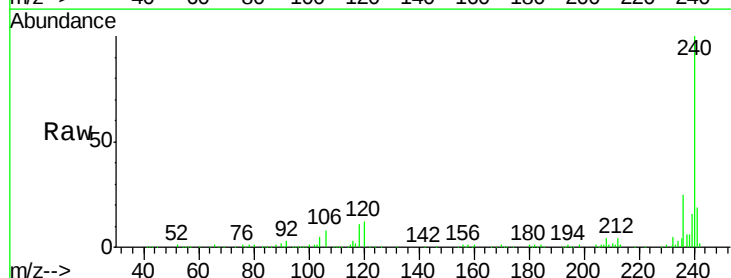


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

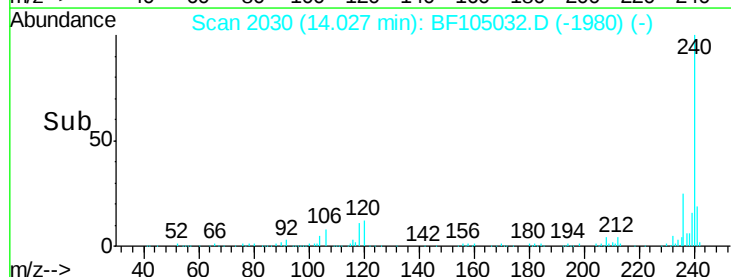
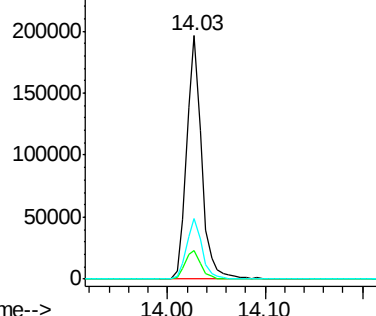


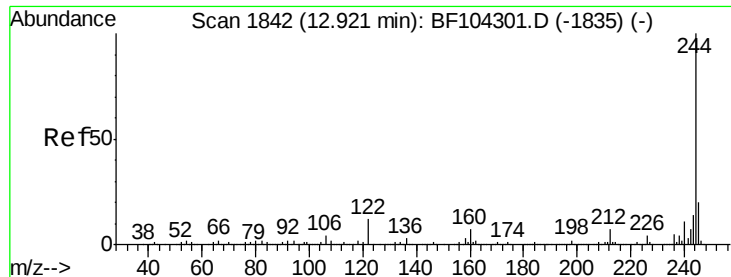
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF105032.D
Acq: 2 May 2018 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.0	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

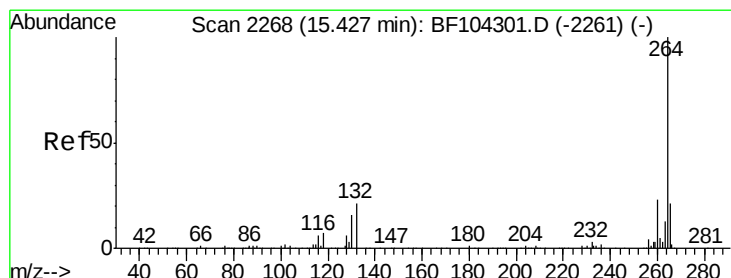
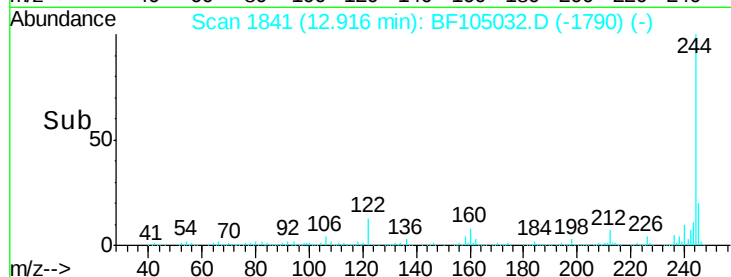
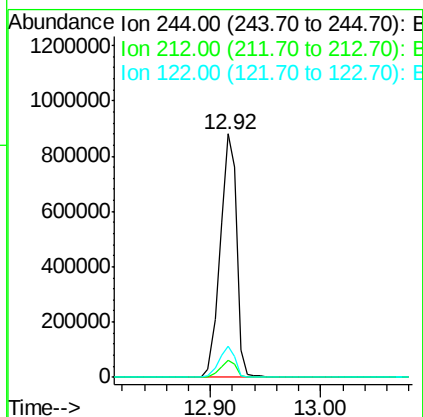
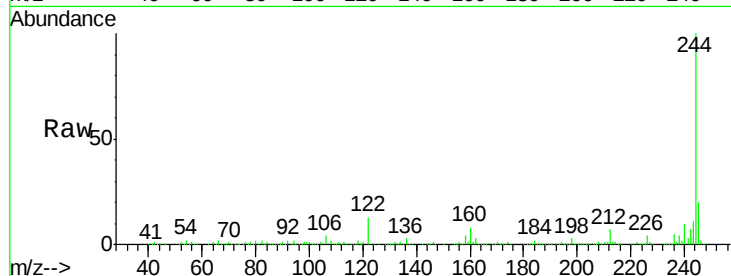




#78
 Terphenyl-d14
 Concen: 99.422 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tot Ion:244 Resp: 912487
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BF105032.D
 Acq: 2 May 2018 15:49

Tgt Ion:264 Resp: 191569
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.4 17.5 26.3

