

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104718.D
 Acq On : 23 Apr 2018 19:07
 Operator : JU/SJ
 Sample : J2503-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Apr 24 09:57:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

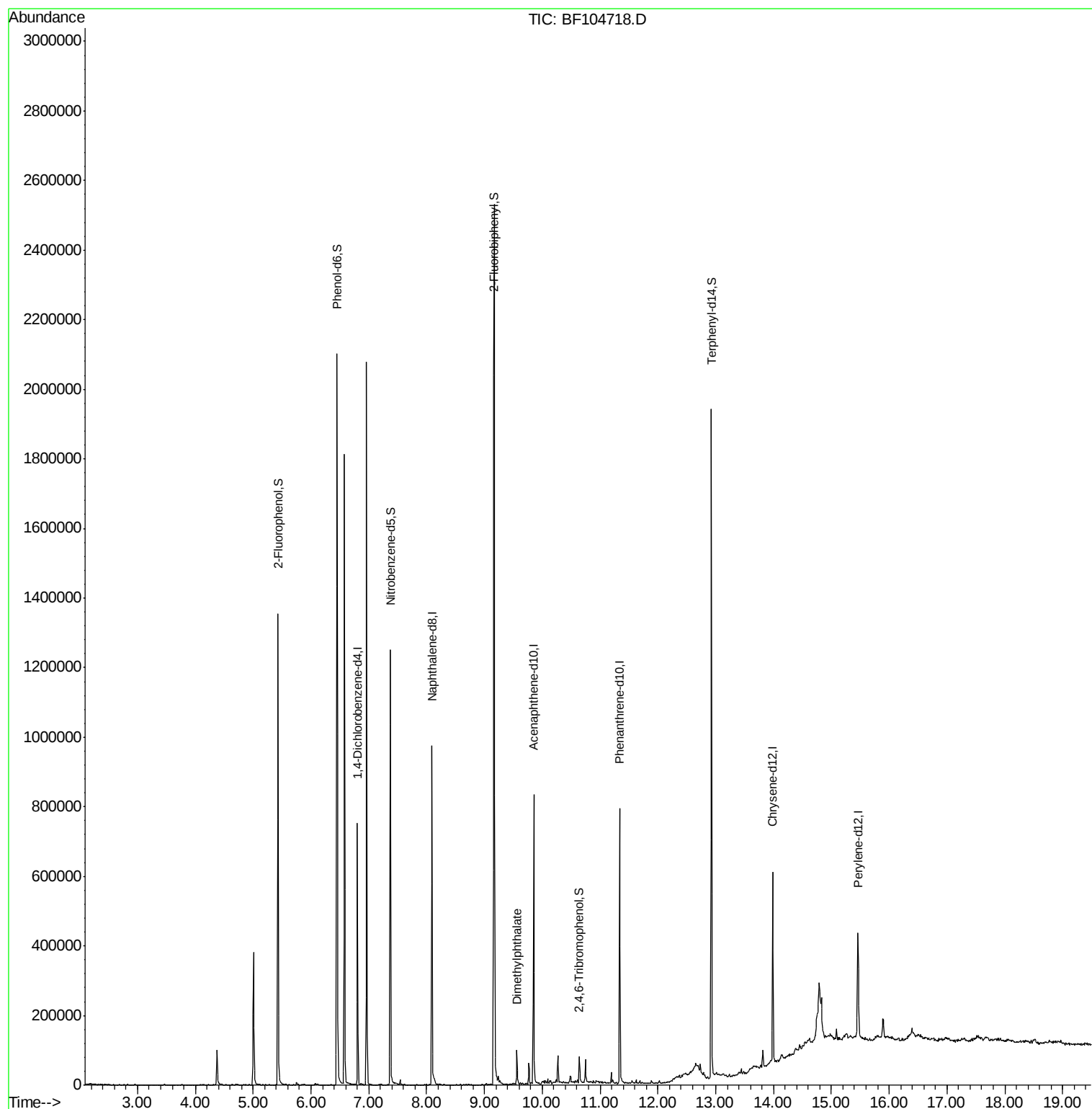
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111134	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	437717	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	177374	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	278904	20.00	ng	0.00
75) Chrysene-d12	13.99	240	183540	20.00	ng	0.00
86) Perylene-d12	15.46	264	136916	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	388071	53.39	ng	0.01
7) Phenol-d6	6.45	99	702843	78.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	410012	61.17	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	10646	5.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	806195	71.80	ng	0.00
78) Terphenyl-d14	12.93	244	647215	80.39	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	43669	3.122	ng	98

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

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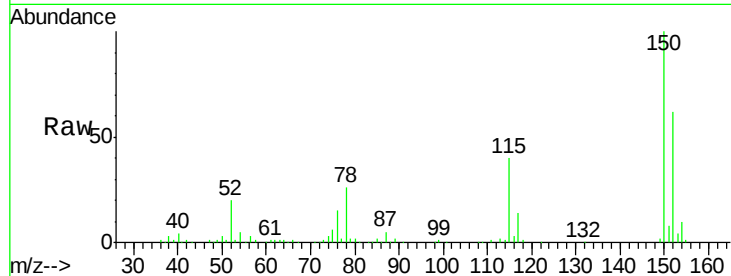


#1

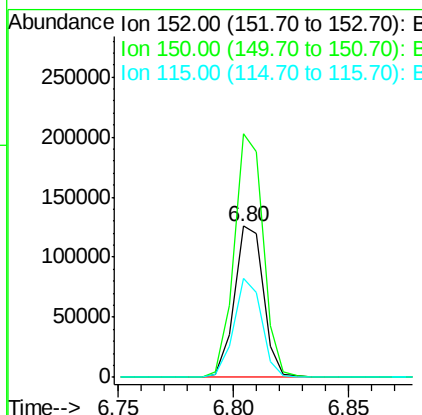
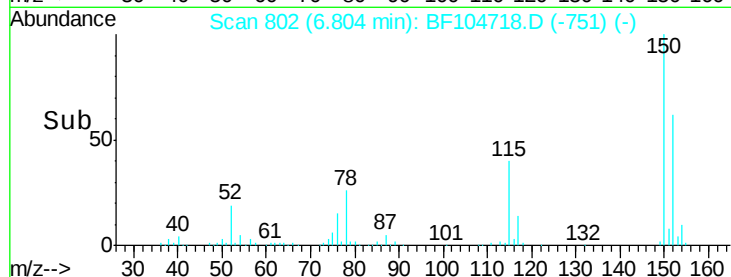
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104718.D
Acq: 23 Apr 2018 19:07

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 111134
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 65.1 50.1 75.1



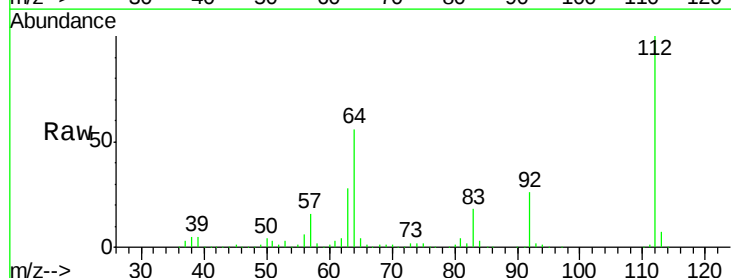
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



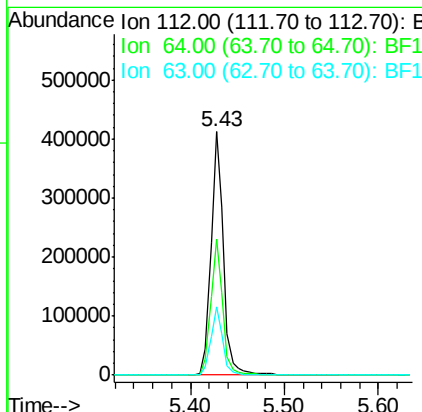
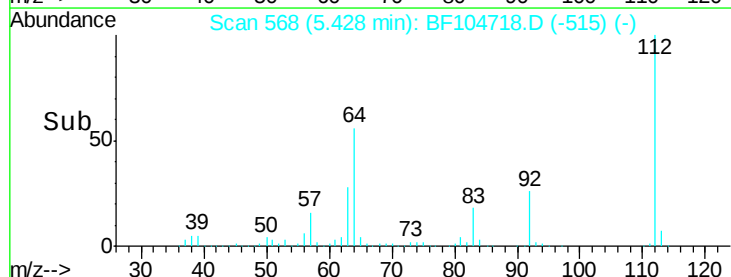
#5

2-Fluorophenol
Concen: 53.393 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104718.D
Acq: 23 Apr 2018 19:07

Tgt Ion:112 Resp: 388071
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.1 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: 78.704 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104718.D

Acq: 23 Apr 2018 19:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE

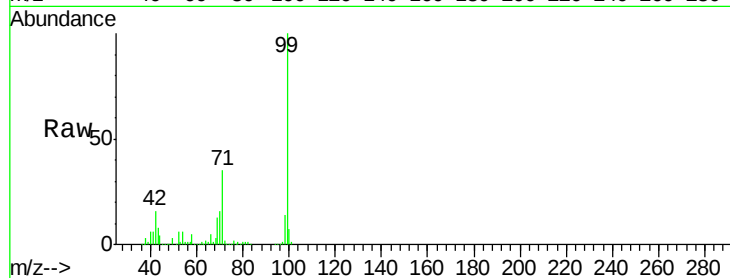
Tot Ion: 99 Resp: 702843

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 35.5 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

6.45

800000

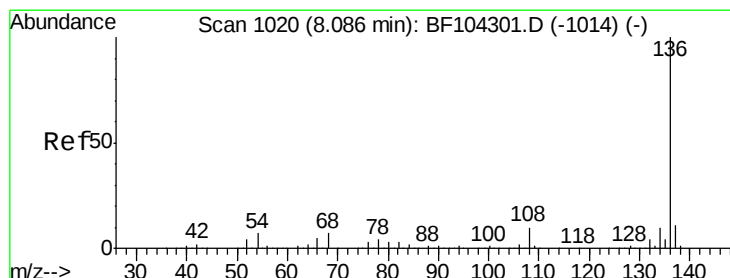
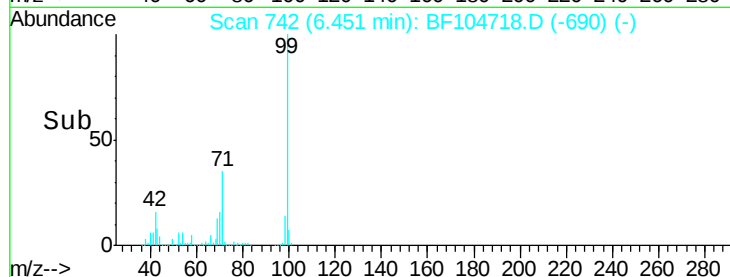
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104718.D

Acq: 23 Apr 2018 19:07

Tgt Ion: 136 Resp: 437717

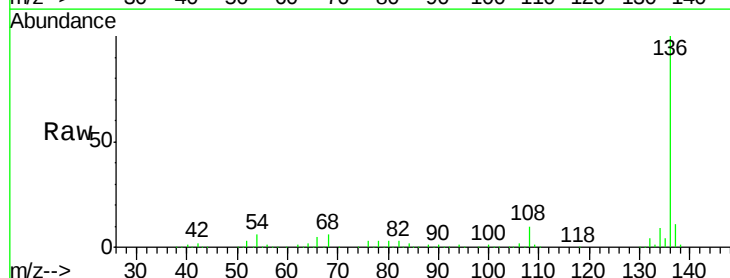
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 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

8.09

800000

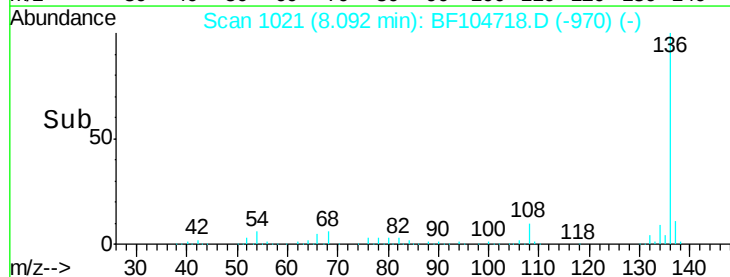
600000

400000

200000

0

Time-->

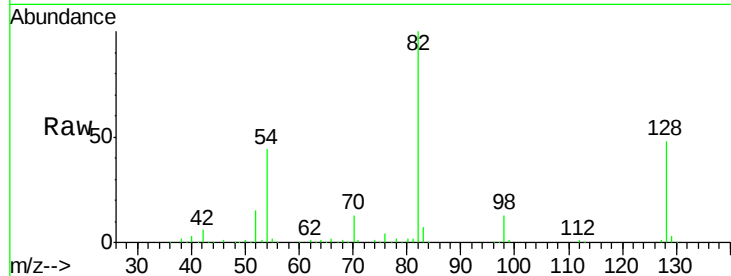




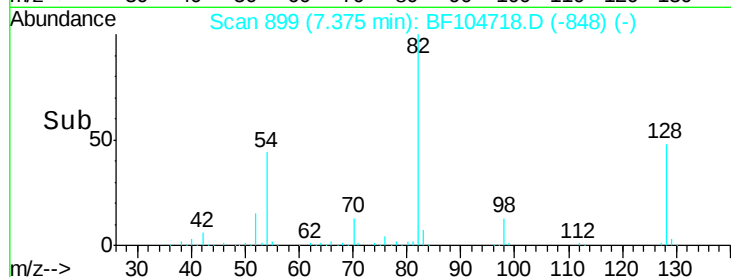
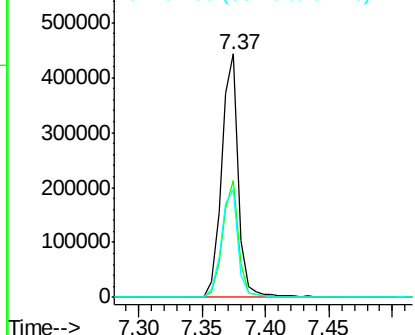
#23
 Nitrobenzene-d5
 Concen: 61.165 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104718.D
 Acq: 23 Apr 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tot Ion: 82 Resp: 410012
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 44.2 41.4 62.2

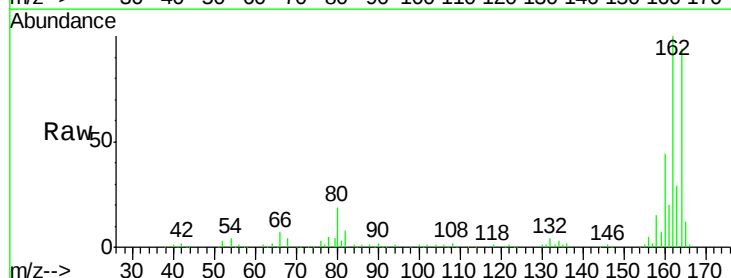


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

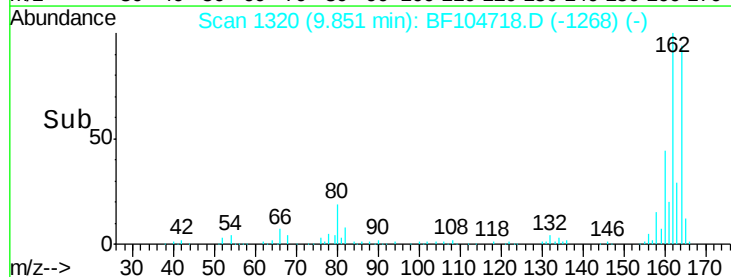
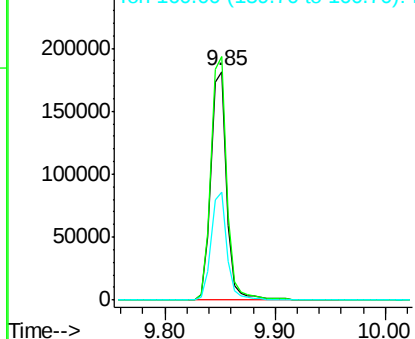


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104718.D
 Acq: 23 Apr 2018 19:07

Tgt Ion: 164 Resp: 177374
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 47.2 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: 5.786 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104718.D

Acq: 23 Apr 2018 19:07

Instrument :

BNA_F

ClientSampled :

CONCRETE

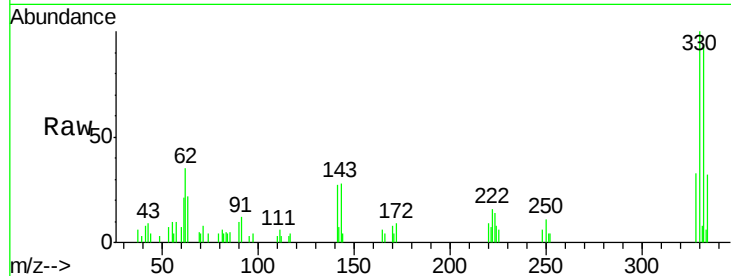
Tot Ion:330 Resp: 10646

Ion Ratio Lower Upper

330 100

332 99.2 77.0 115.6

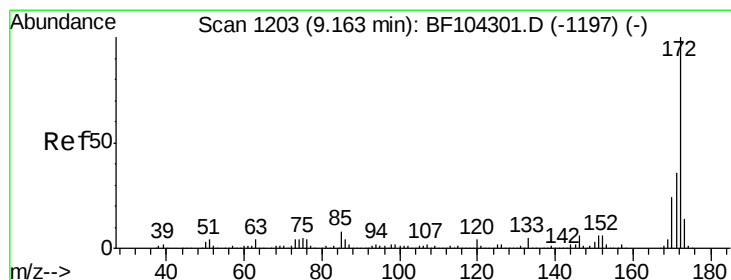
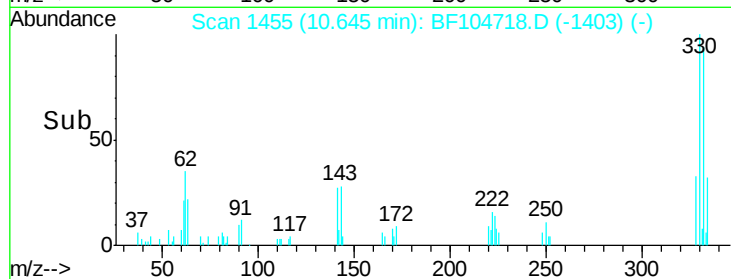
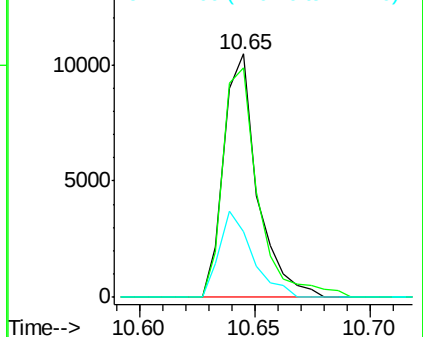
141 34.8 29.9 44.9



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: 71.802 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104718.D

Acq: 23 Apr 2018 19:07

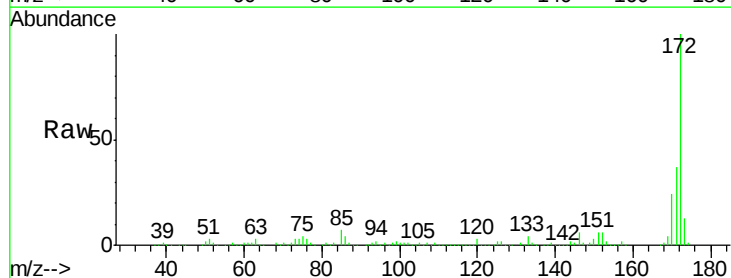
Tgt Ion:172 Resp: 806195

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

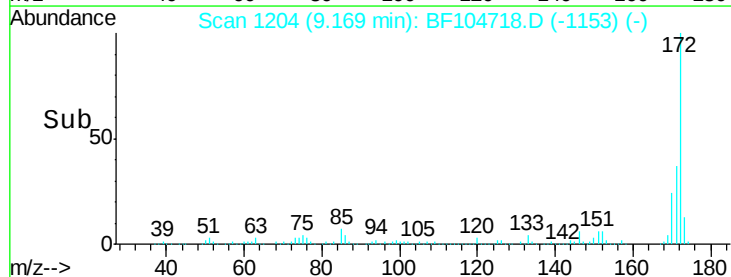
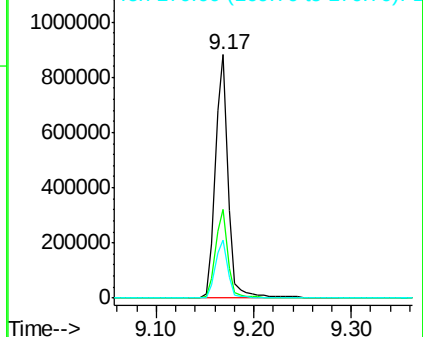
170 23.8 19.6 29.4

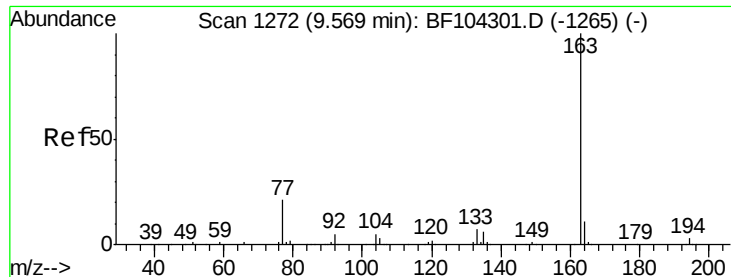


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

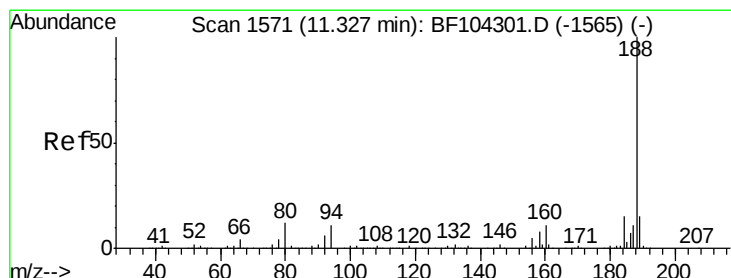
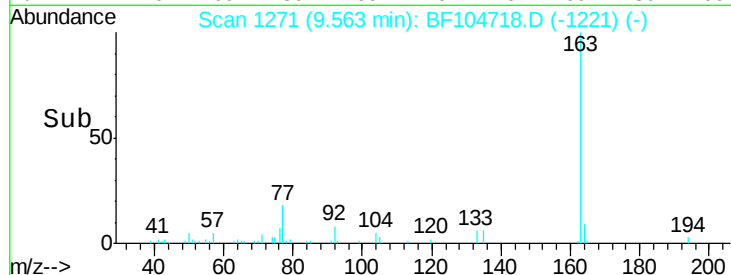
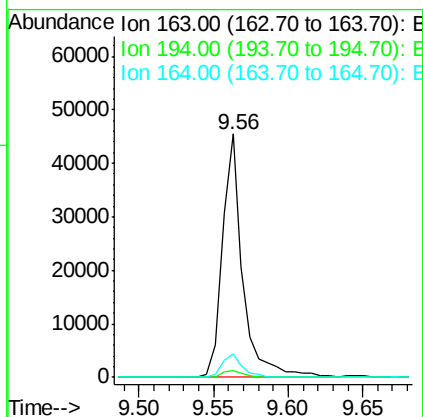
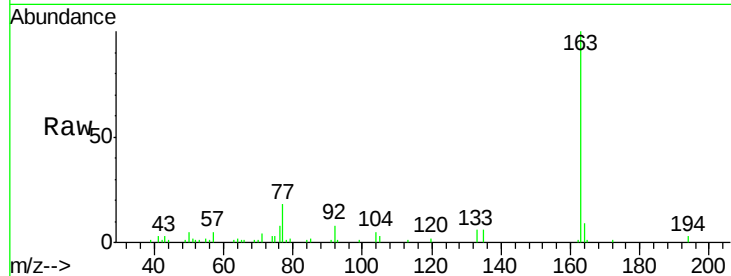




#49
Dimethylphthalate
Concen: 3.122 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104718.D
Acq: 23 Apr 2018 19:07

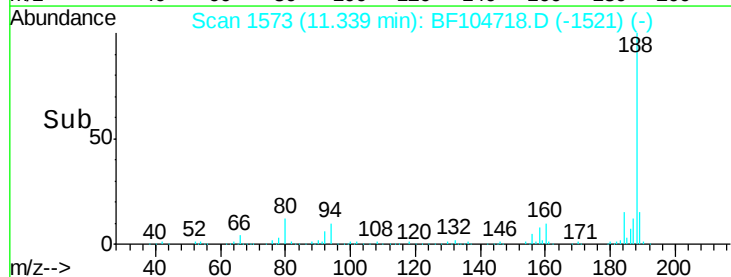
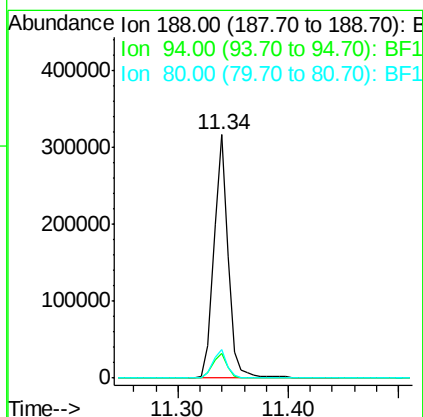
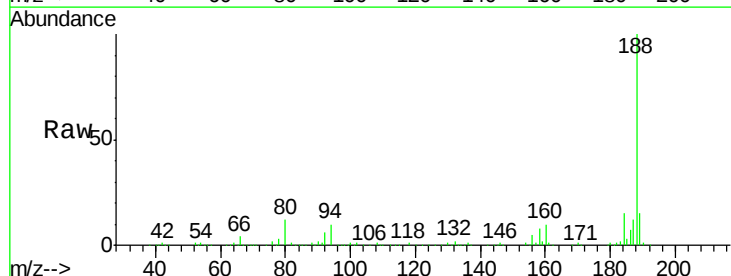
Instrument :
BNA_F
ClientSampleId :
CONCRETE

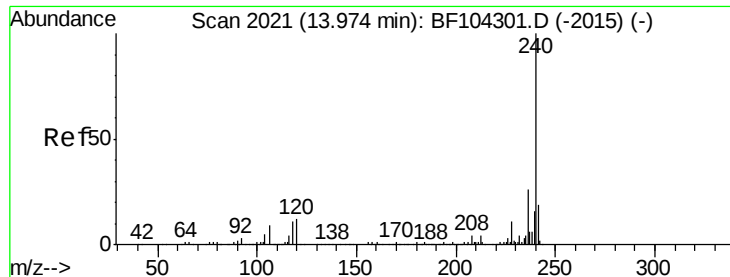
Tot Ion:163 Resp: 43669
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.5 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104718.D
Acq: 23 Apr 2018 19:07

Tgt Ion:188 Resp: 278904
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104718.D

Acq: 23 Apr 2018 19:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE

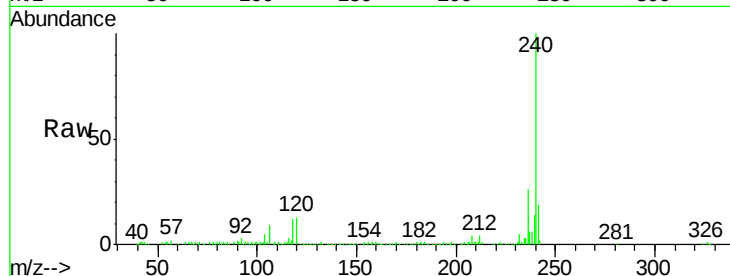
Tot Ion:240 Resp: 183540

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

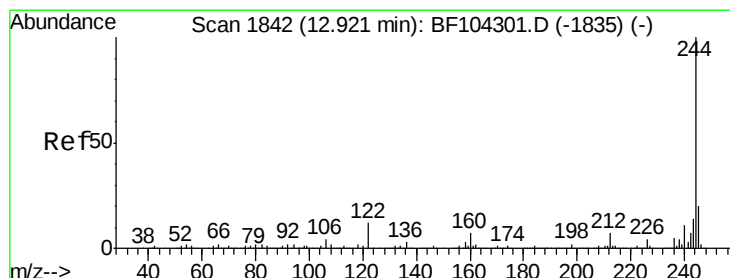
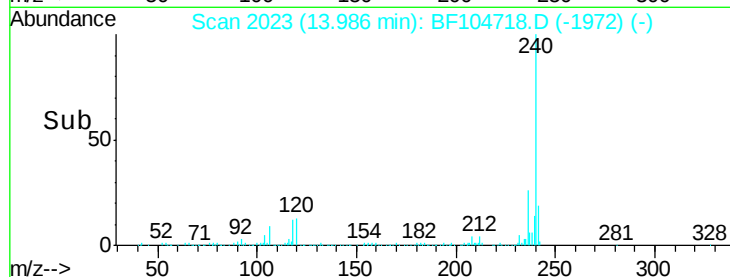
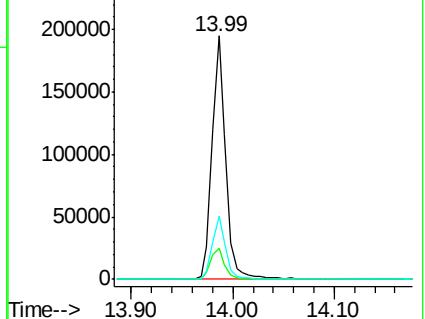
236 25.9 20.7 31.1



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: 80.393 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104718.D

Acq: 23 Apr 2018 19:07

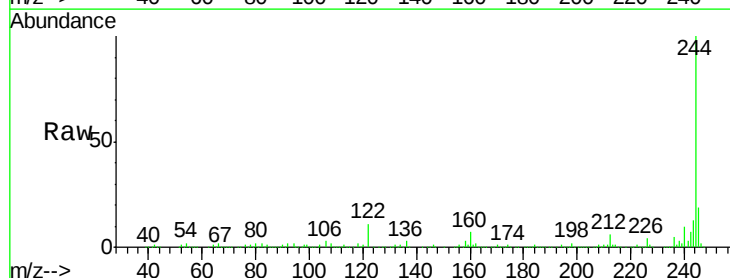
Tgt Ion:244 Resp: 647215

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

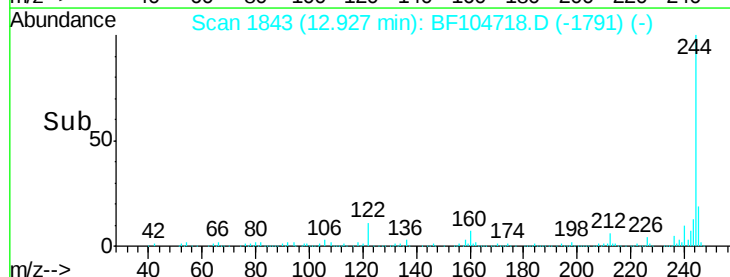
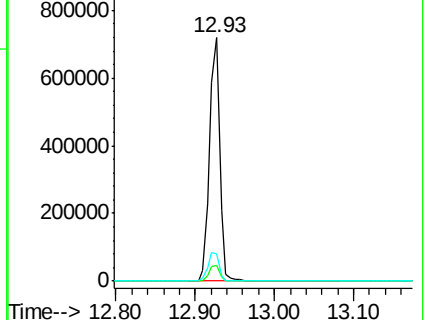
122 11.2 11.0 16.4

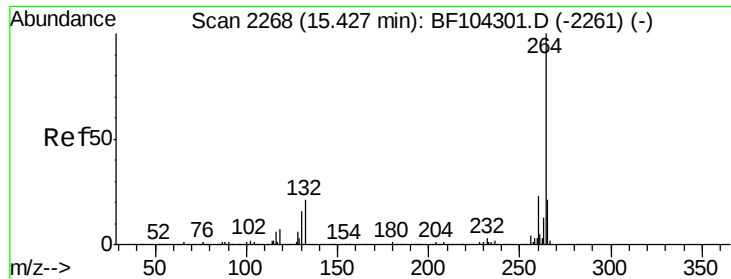


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

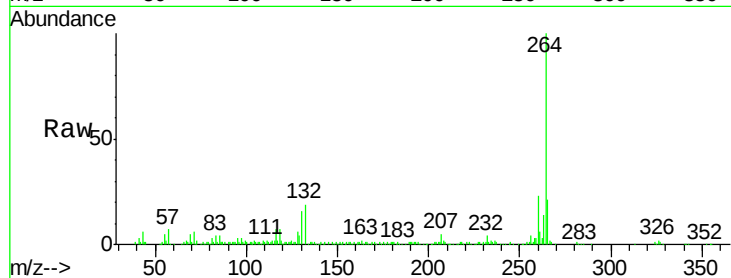




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104718.D
Acq: 23 Apr 2018 19:07

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

