

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105034.D
 Acq On : 2 May 2018 16:42
 Operator : JU/SJ
 Sample : J2616-36
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

Quant Time: May 02 17:57:07 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	84807	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347201	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	159583	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	267143	20.00	ng	0.00
75) Chrysene-d12	14.02	240	190159	20.00	ng	-0.02
86) Perylene-d12	15.58	264	176175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659117	118.84	ng	0.01
7) Phenol-d6	6.43	99	708775	104.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	532678	100.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	227202	137.25	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	986915	97.70	ng	0.00
78) Terphenyl-d14	12.92	244	873421	104.72	ng	0.00

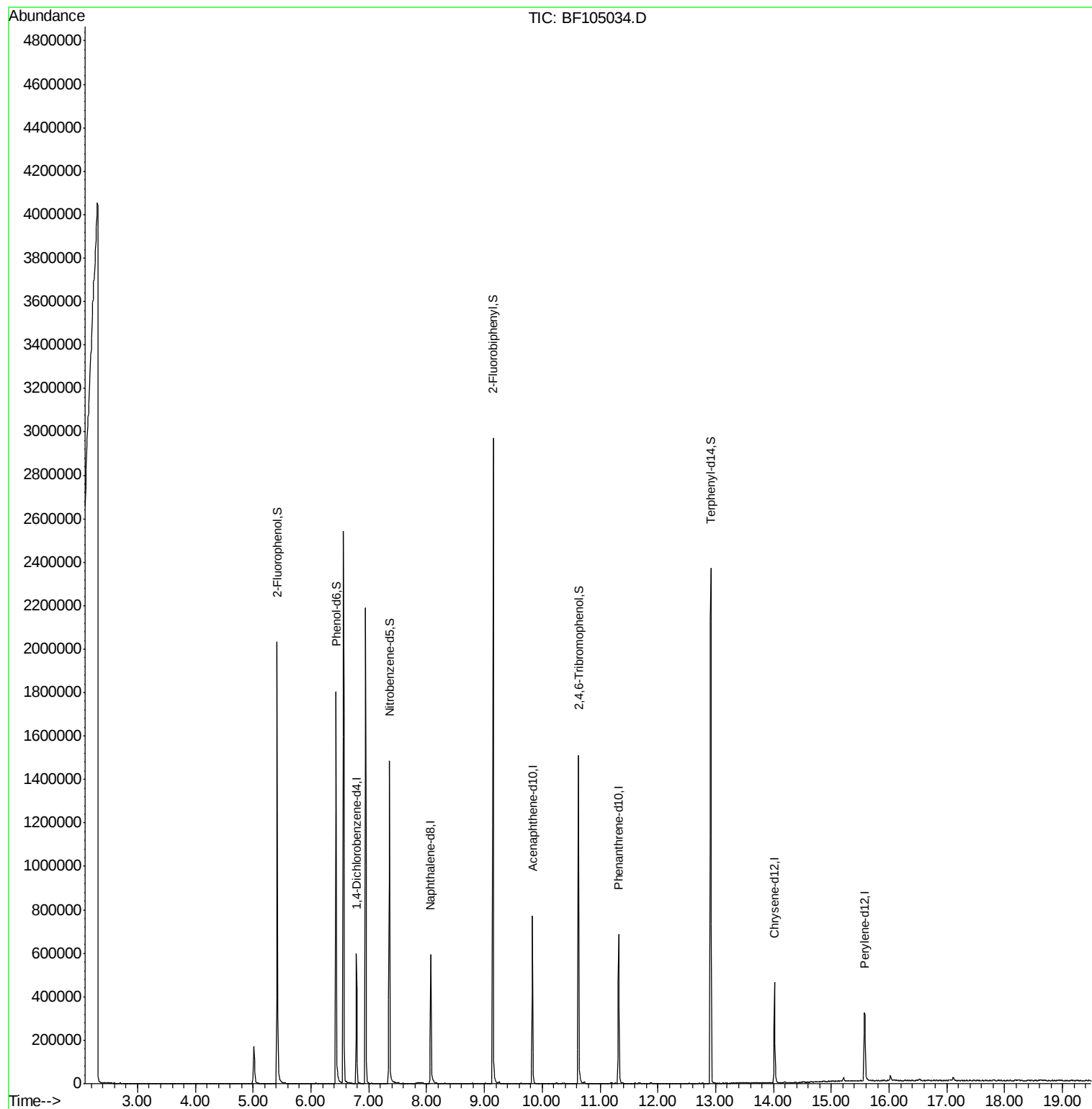
Target Compounds	Qvalue
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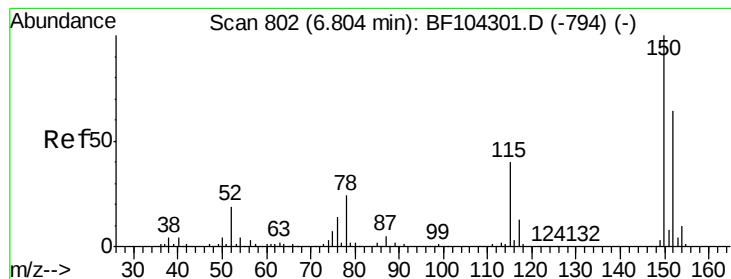
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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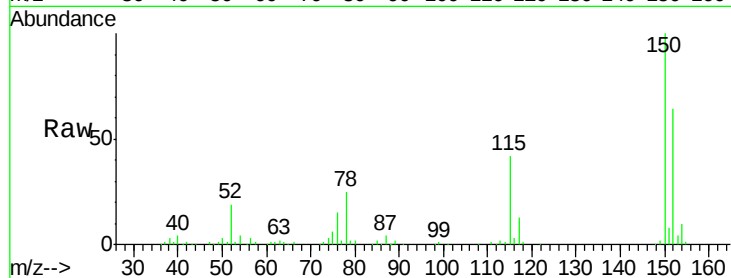


#1

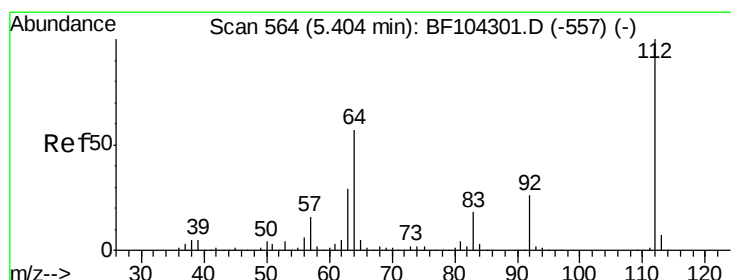
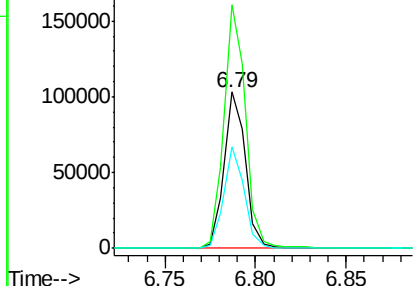
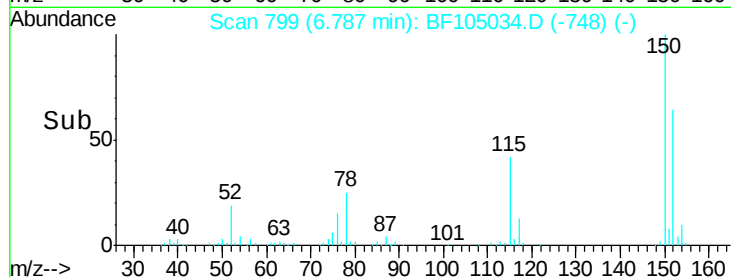
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105034.D
Acq: 2 May 2018 16:42

Instrument :
BNA_F
ClientSampleId :
CONCRETE-4

Tot Ion:152 Resp: 84807
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 65.3 50.1 75.1



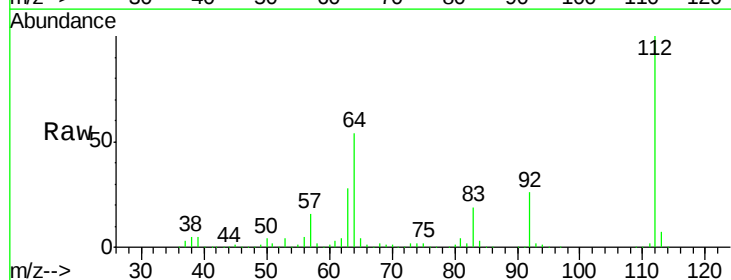
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



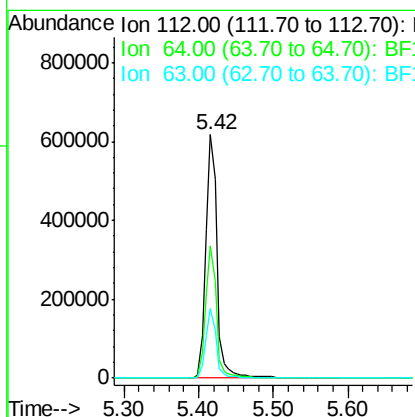
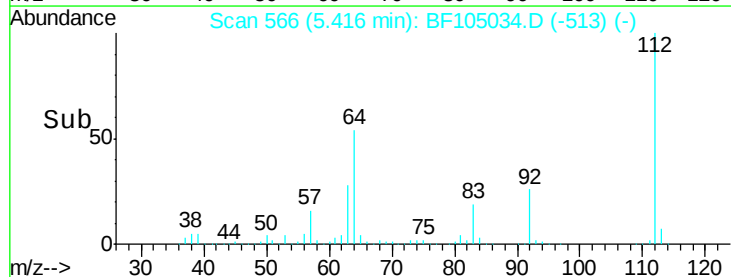
#5

2-Fluorophenol
Concen: 118.838 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF105034.D
Acq: 2 May 2018 16:42

Tgt Ion:112 Resp: 659117
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 28.4 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: 104.007 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105034.D

Acq: 2 May 2018 16:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4

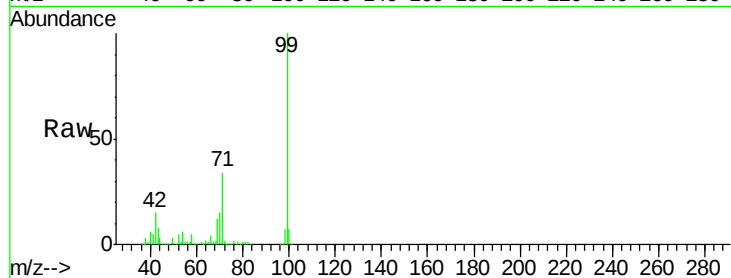
Tot Ion: 99 Resp: 708775

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

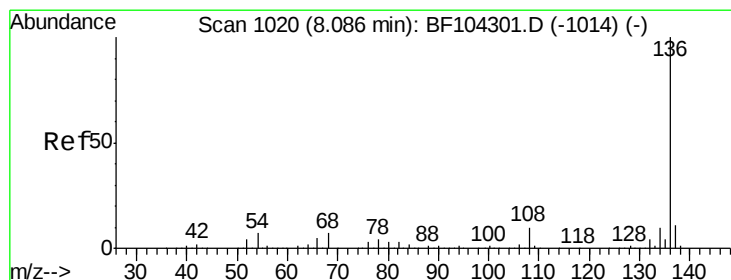
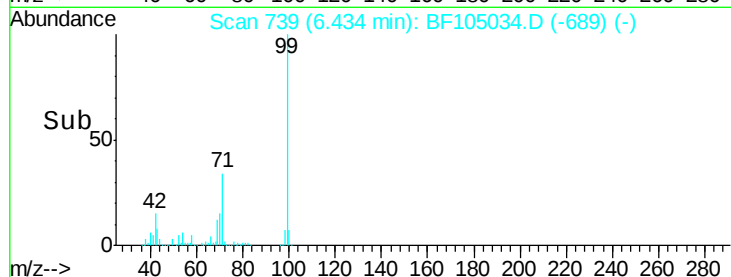
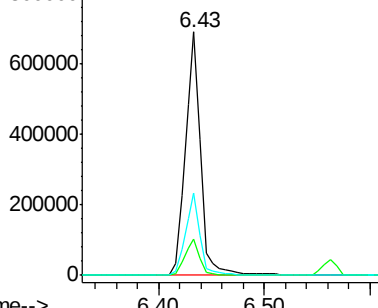
71 33.9 25.4 38.0



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: BF105034.D

Acq: 2 May 2018 16:42

Tgt Ion: 136 Resp: 347201

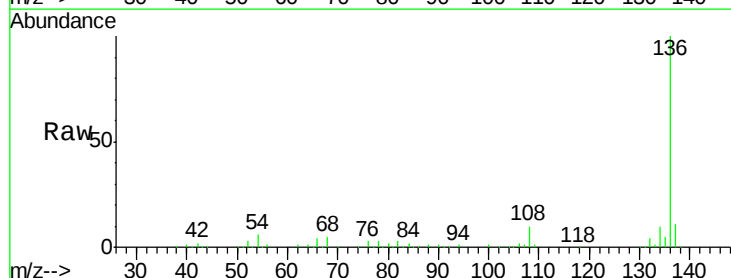
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 5.9 6.6 9.8#

68 5.3 5.0 7.4

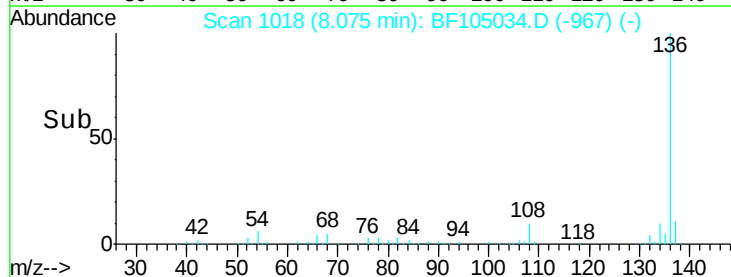
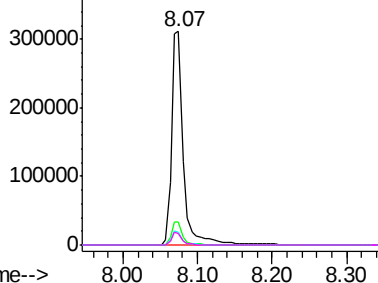


Abundance Ion 136.00 (135.70 to 136.70): E

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

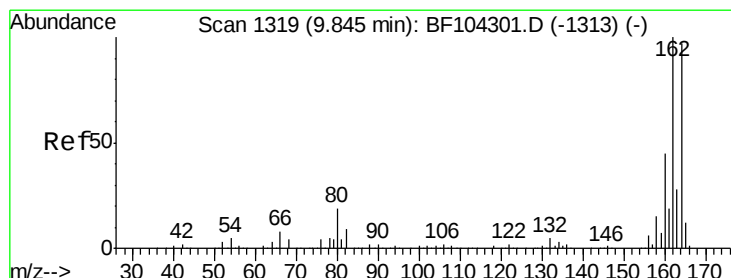
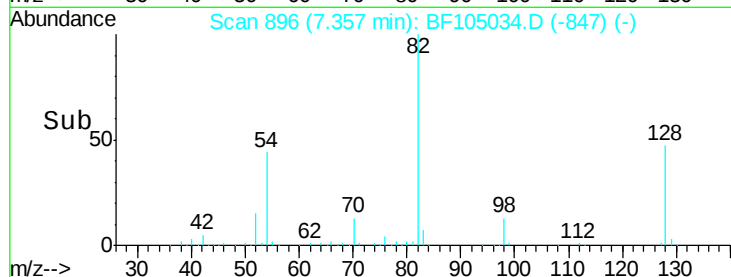
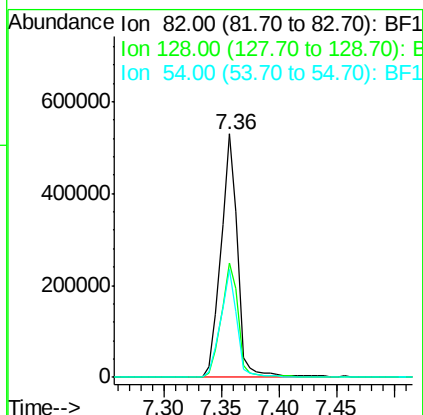
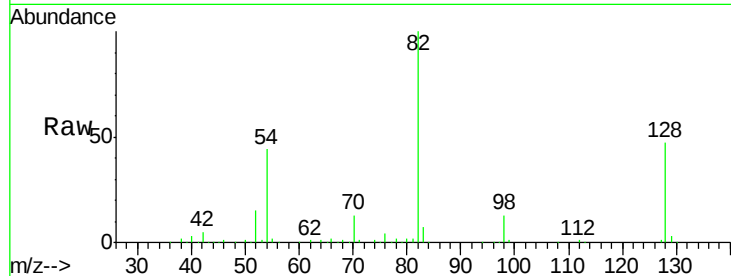




#23
 Nitrobenzene-d5
 Concen: 100.181 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105034.D
 Acq: 2 May 2018 16:42

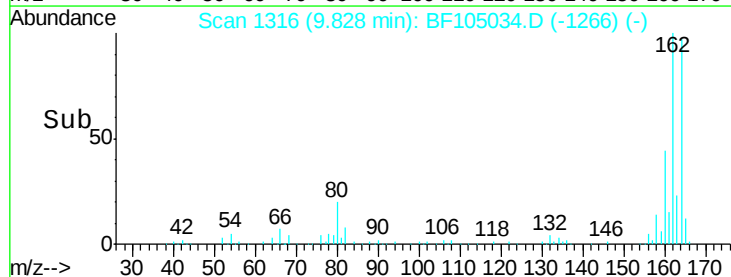
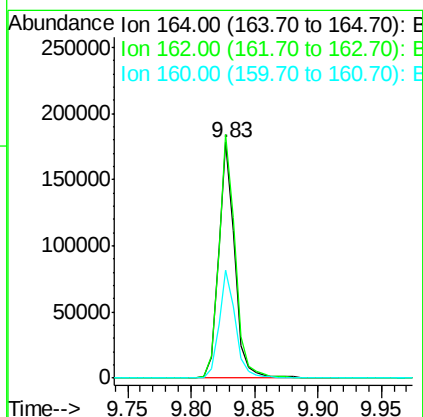
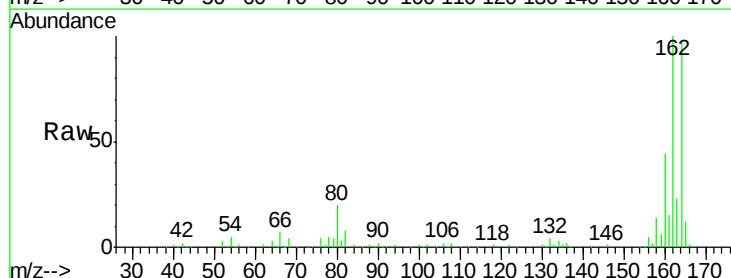
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

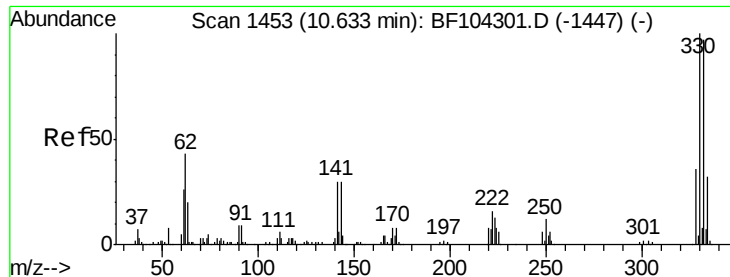
Tot Ion	82	Resp	532678
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	44.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105034.D
 Acq: 2 May 2018 16:42

Tgt Ion	164	Resp	159583
Ion Ratio	100	Lower	Upper
162	103.2	86.1	129.1
160	45.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 137.249 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF105034.D

Acq: 2 May 2018 16:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4

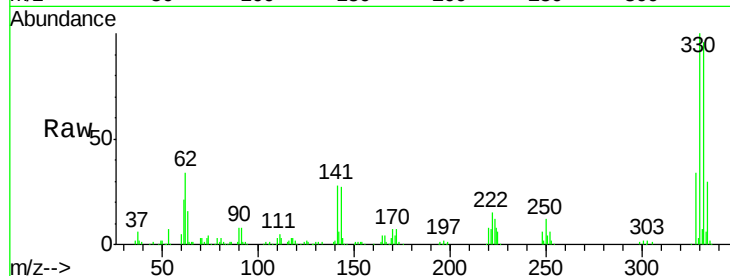
Tot Ion:330 Resp: 227202

Ion Ratio Lower Upper

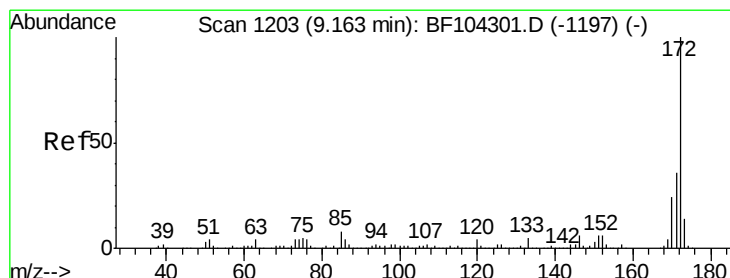
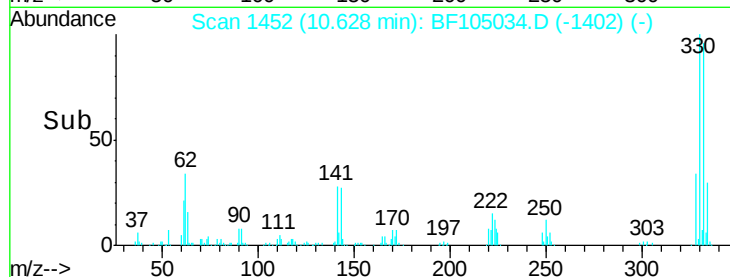
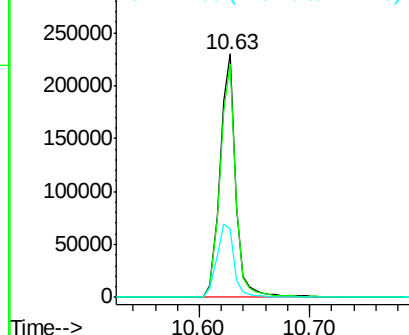
330 100

332 96.3 77.0 115.6

141 33.2 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: 97.697 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105034.D

Acq: 2 May 2018 16:42

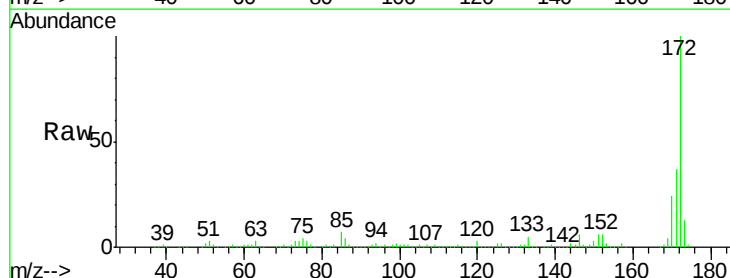
Tgt Ion:172 Resp: 986915

Ion Ratio Lower Upper

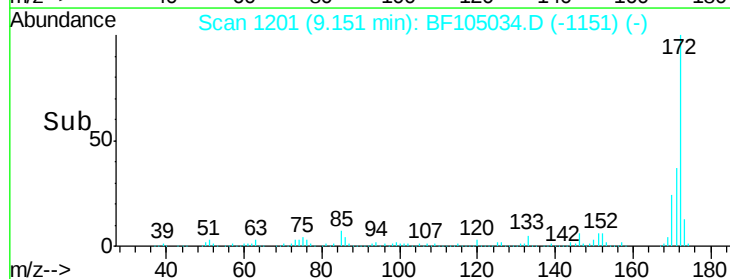
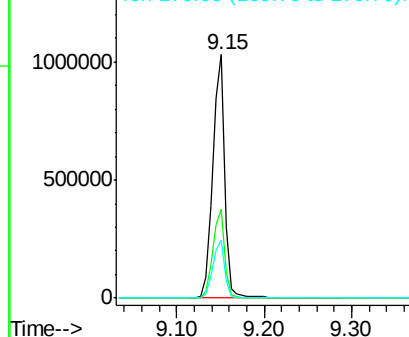
172 100

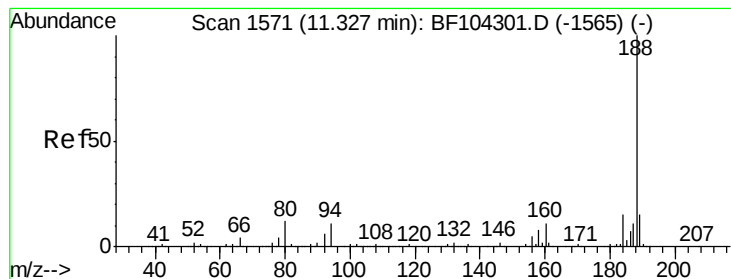
171 36.5 29.7 44.5

170 23.6 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: BF105034.D

Acq: 2 May 2018 16:42

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4

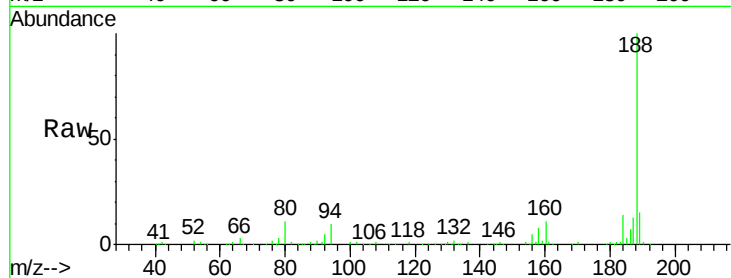
Tot Ion:188 Resp: 267143

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

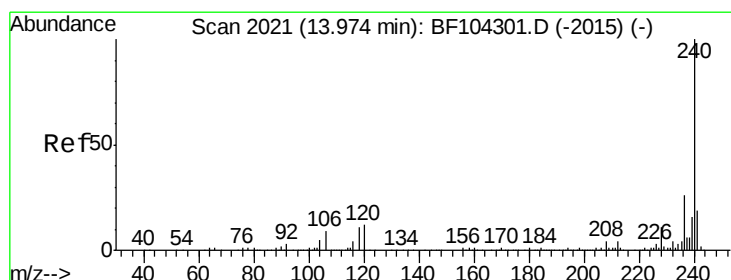
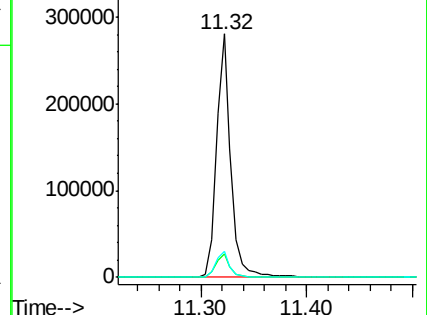
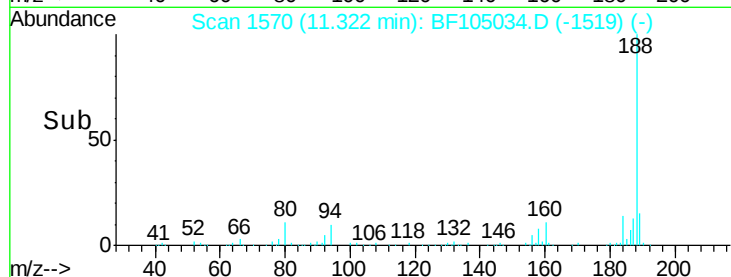
80 10.7 9.2 13.8



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: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF105034.D

Acq: 2 May 2018 16:42

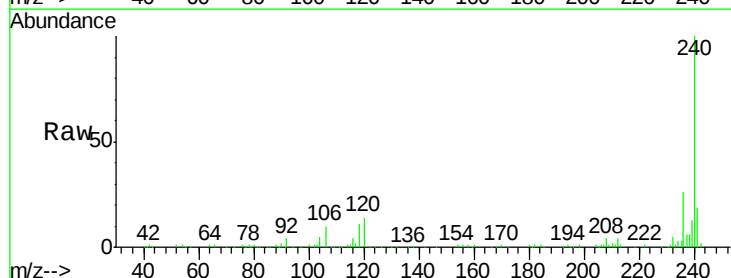
Tgt Ion:240 Resp: 190159

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

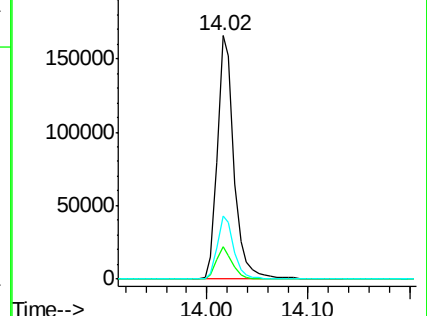
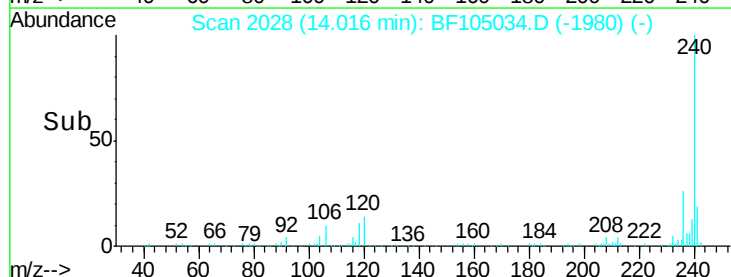
236 26.0 20.7 31.1



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

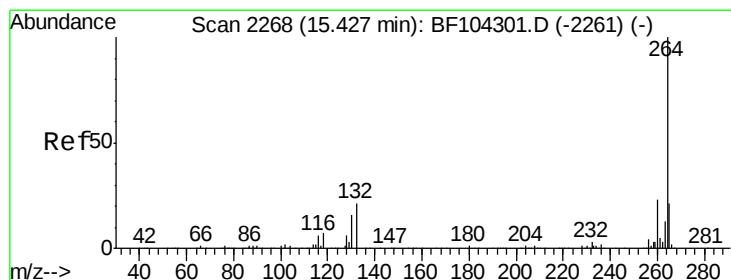
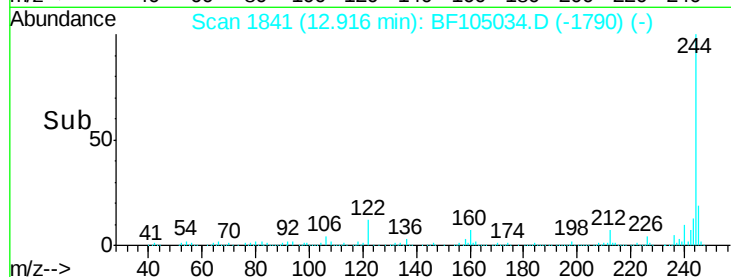
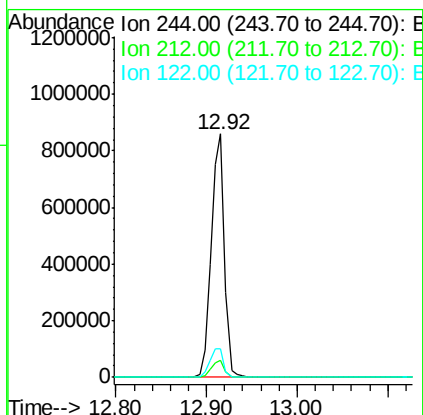
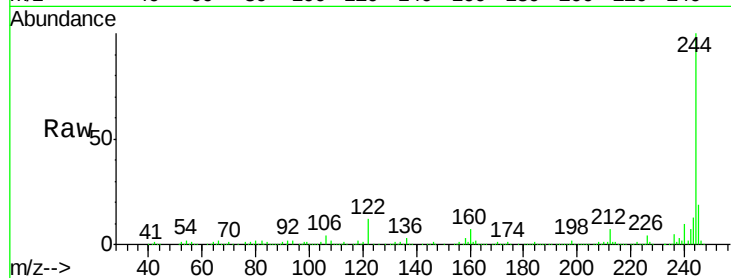




#78
 Terphenyl-d14
 Concen: 104.715 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF105034.D
 Acq: 2 May 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4

Tot Ion:244 Resp: 873421
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BF105034.D
 Acq: 2 May 2018 16:42

Tgt Ion:264 Resp: 176175
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.6 17.5 26.3

