

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104940.D
 Acq On : 30 Apr 2018 18:34
 Operator : JU/SJ
 Sample : J2613-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-A

Quant Time: May 01 06:40:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

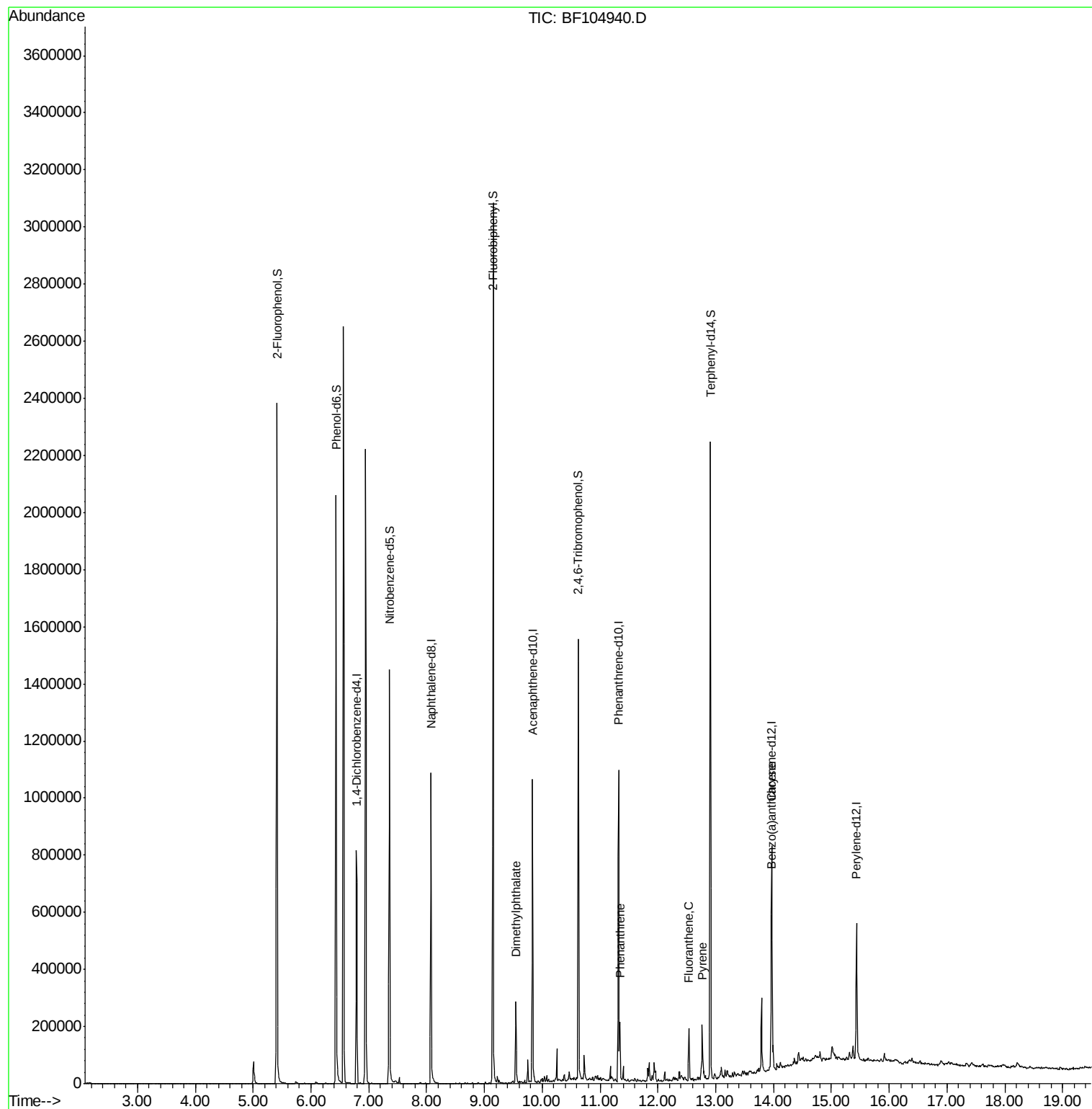
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125837	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	514705	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	225628	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	371893	20.00	ng	0.00
75) Chrysene-d12	13.97	240	244328	20.00	ng	0.00
86) Perylene-d12	15.44	264	215916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	742316	90.20	ng	0.00
7) Phenol-d6	6.43	99	910264	90.02	ng	0.00
23) Nitrobenzene-d5	7.36	82	556444	70.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	212810	90.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	930533	65.15	ng	0.00
78) Terphenyl-d14	12.91	244	731356	68.24	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	113695	6.390	ng	98
70) Phenanthrene	11.35	178	74891	3.616	ng	98
74) Fluoranthene	12.54	202	74546	3.445	ng	94
77) Pyrene	12.77	202	81231	4.485	ng	97
80) Benzo(a)anthracene	13.96	228	32151	2.203	ng	98

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

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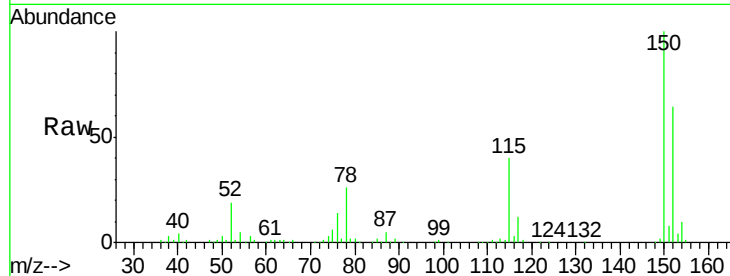


#1

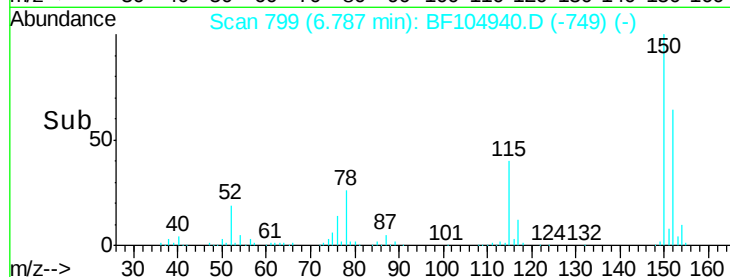
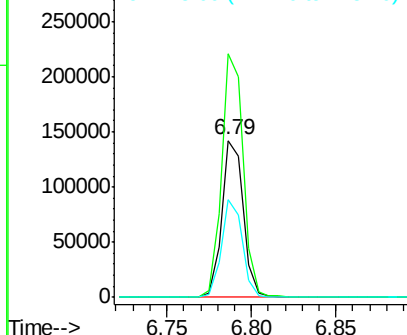
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

Instrument :
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 ClientSampleId :
 FK-GF-02-018-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	62.6	50.1	75.1



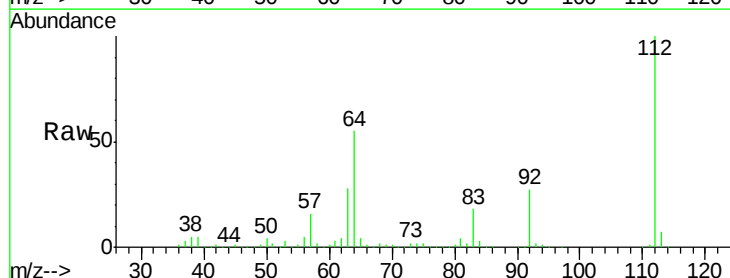
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



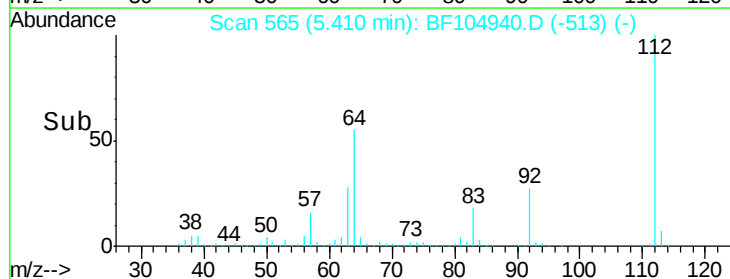
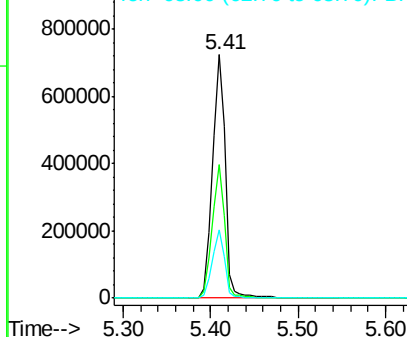
#5

2-Fluorophenol
 Concen: 90.199 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	28.3	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: 90.021 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-A

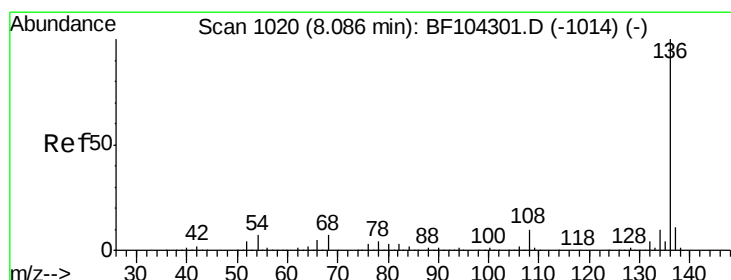
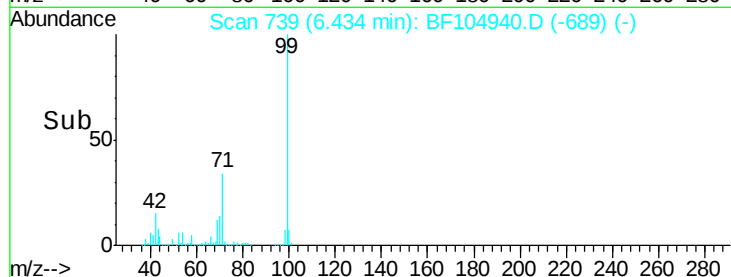
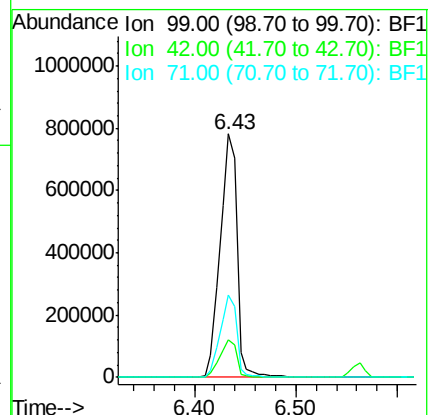
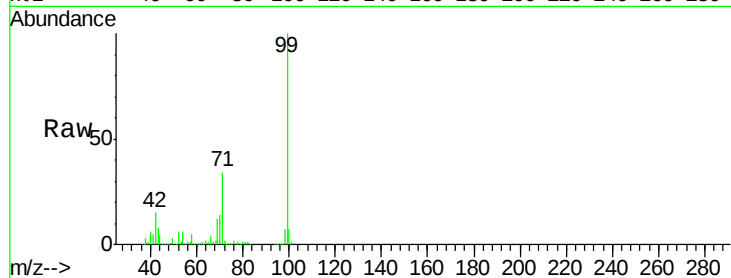
Tot Ion: 99 Resp: 910264

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 34.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Tgt Ion: 136 Resp: 514705

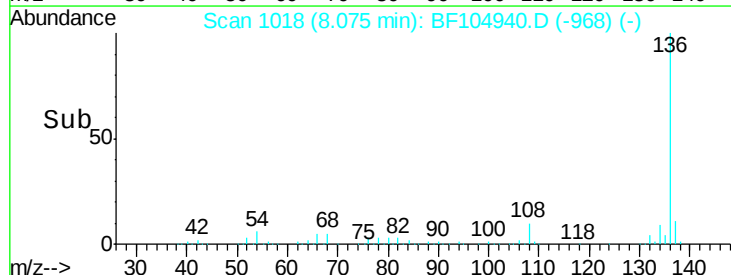
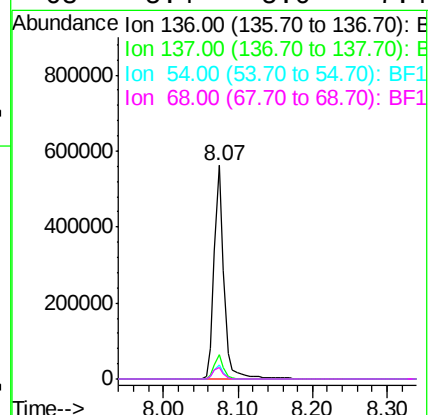
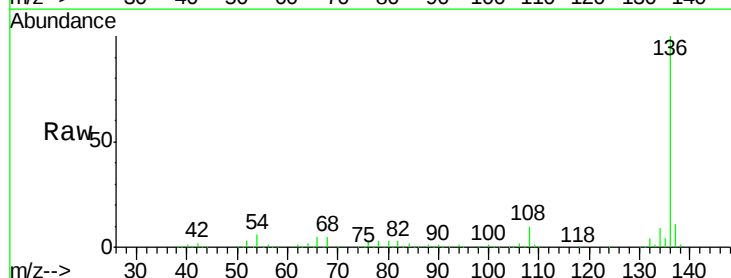
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

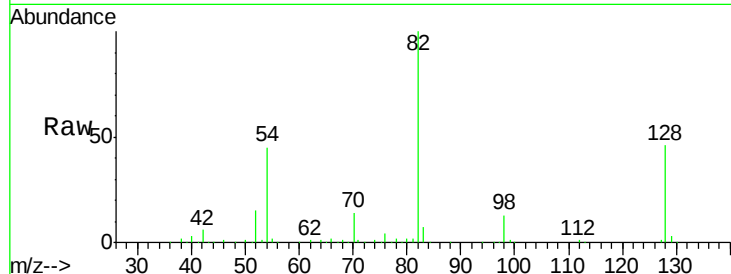




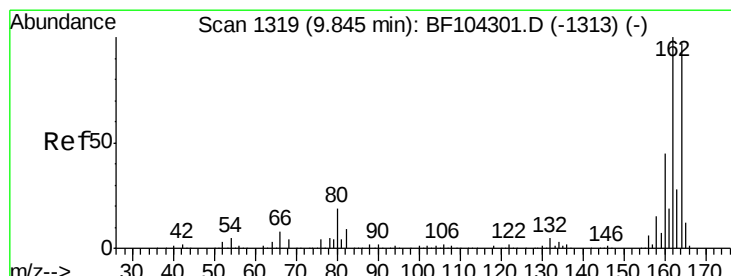
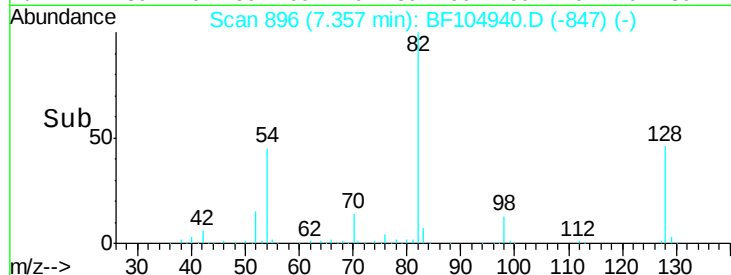
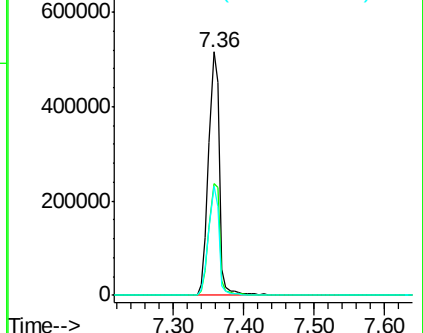
#23
 Nitrobenzene-d5
 Concen: 70.593 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-A

Tot Ion: 82 Resp: 556444
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 44.9 41.4 62.2

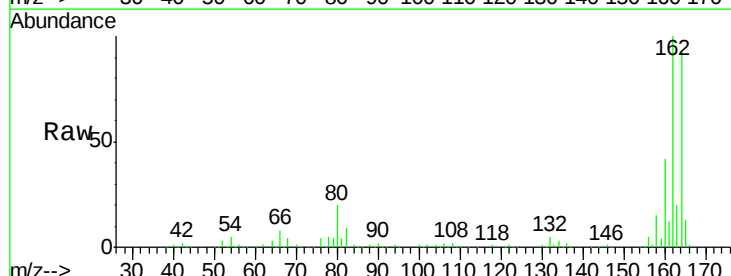


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

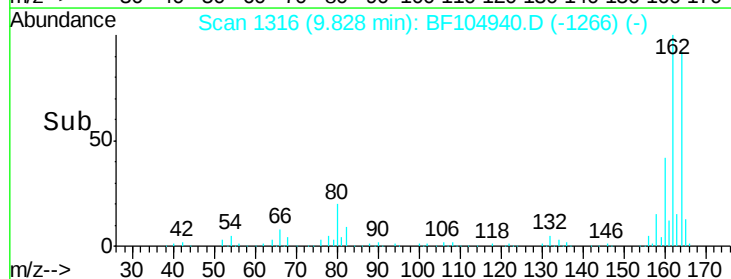
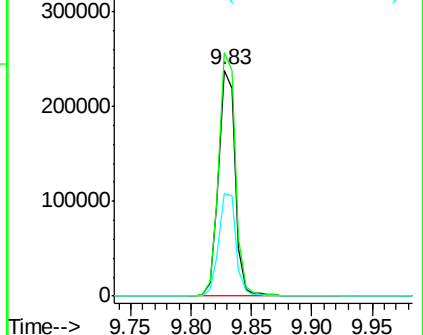


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

Tgt Ion:164 Resp: 225628
 Ion Ratio Lower Upper
 164 100
 162 107.9 86.1 129.1
 160 45.8 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

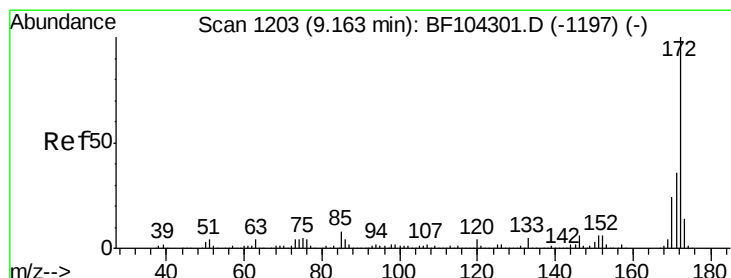
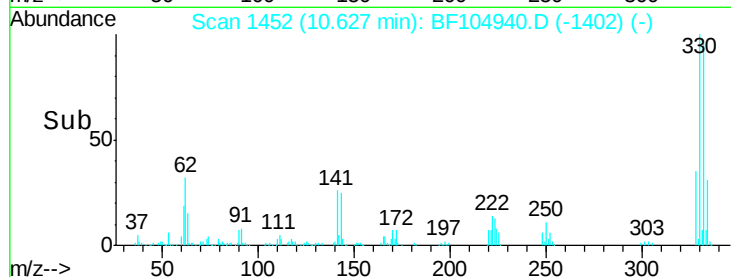
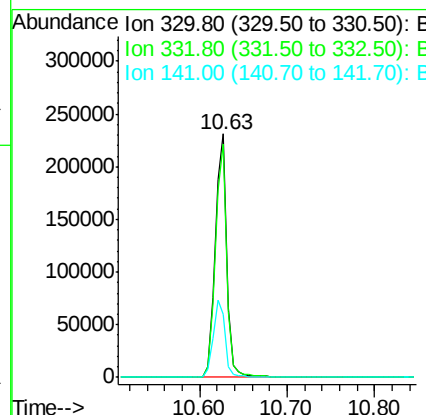
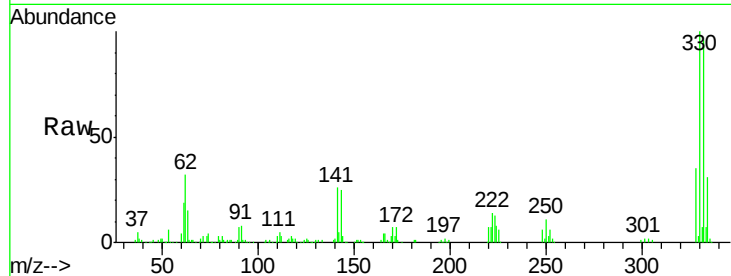




#41
 2,4,6-Tribromophenol
 Concen: 90.925 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

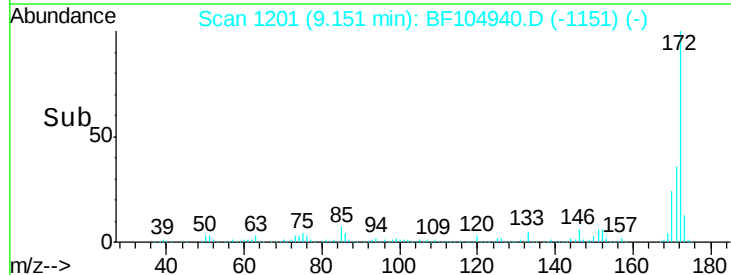
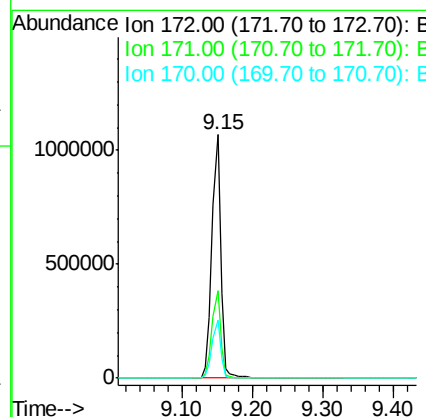
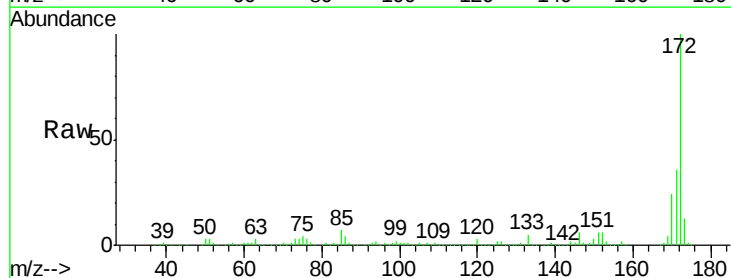
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-A

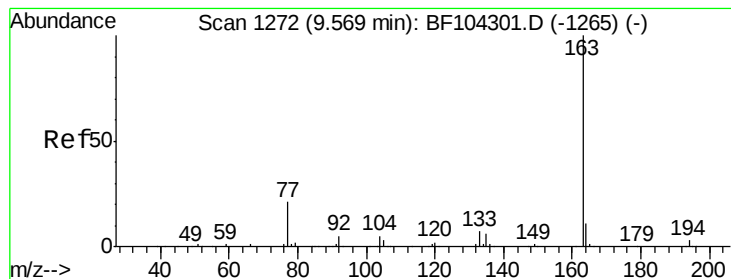
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 65.152 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 6.390 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-A

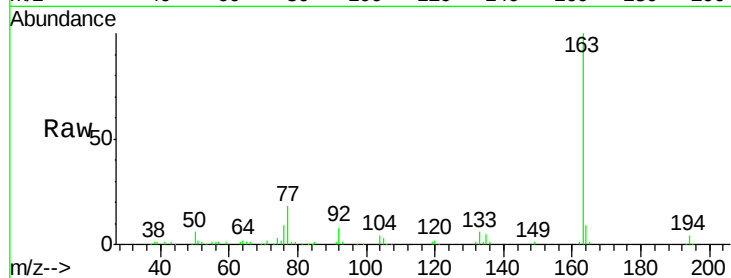
Tot Ion:163 Resp: 113695

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

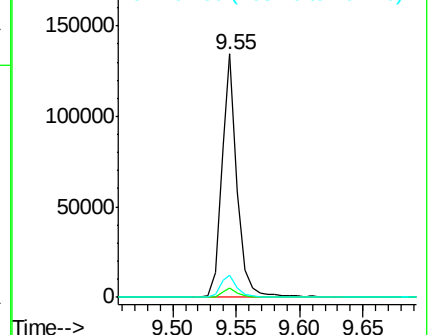
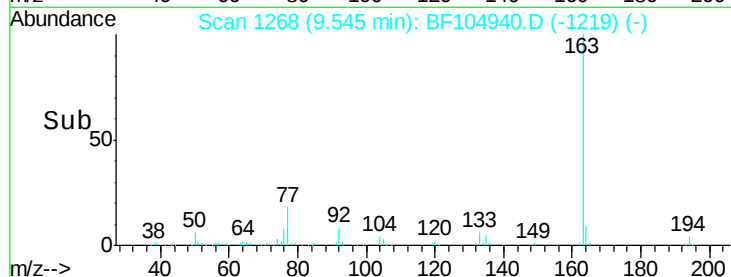
164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

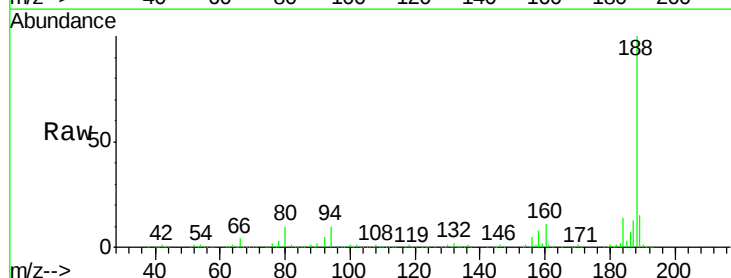
Tgt Ion:188 Resp: 371893

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

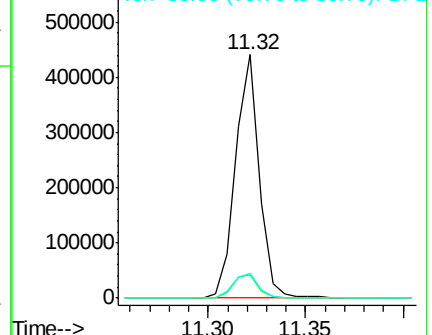
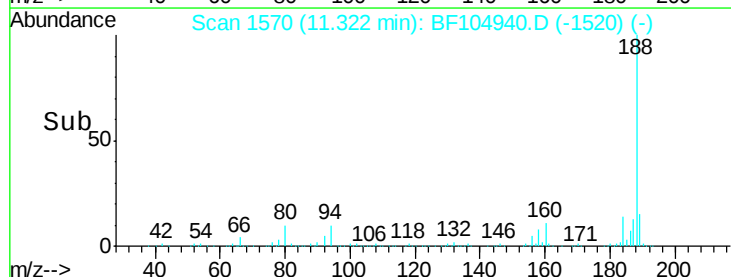
80 10.1 9.2 13.8

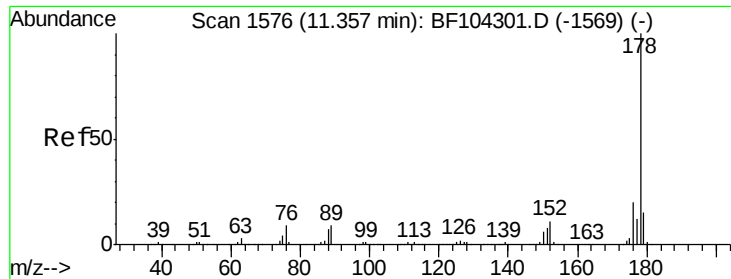


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 3.616 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Instrument :

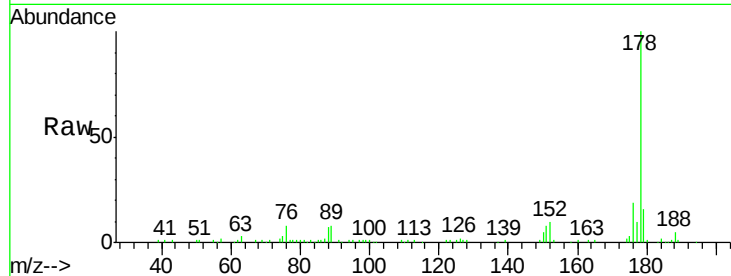
BNA_F

ClientSampleId :

FK-GF-02-018-A

Tot Ion:178 Resp: 74891

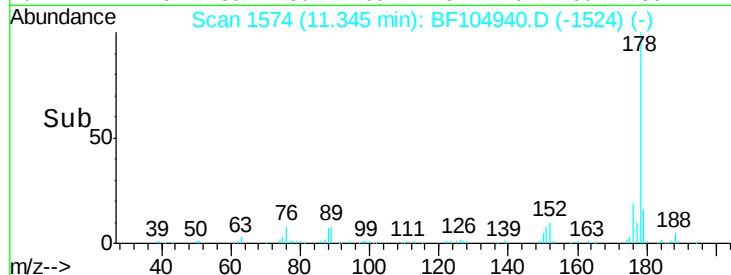
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.8	13.0	19.6



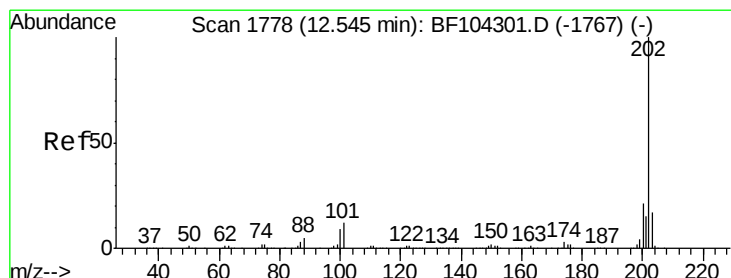
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 3.445 ng

RT: 12.54 min Scan# 1777

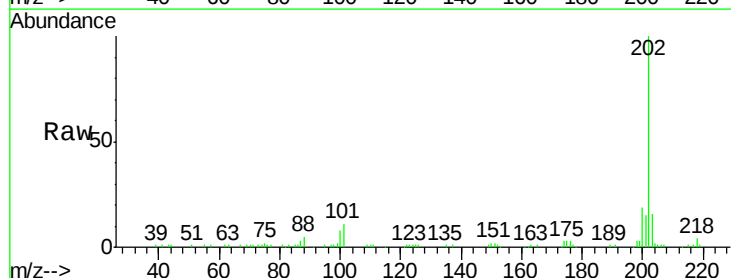
Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Tgt Ion:202 Resp: 74546

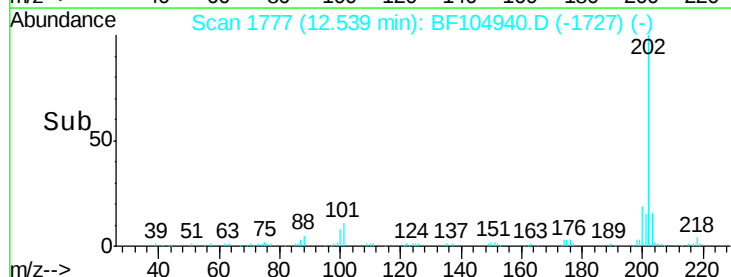
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	16.2	0.0	38.1



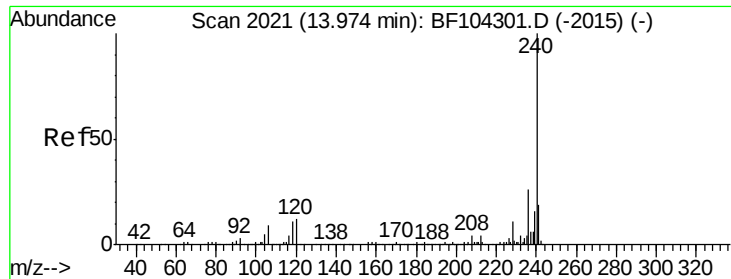
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-A

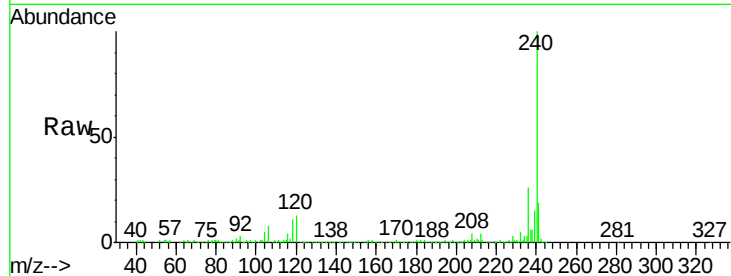
Tot Ion:240 Resp: 244328

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

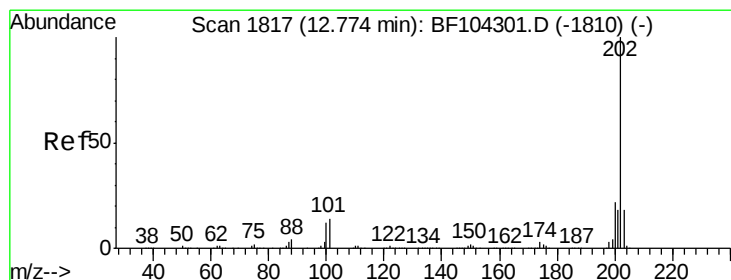
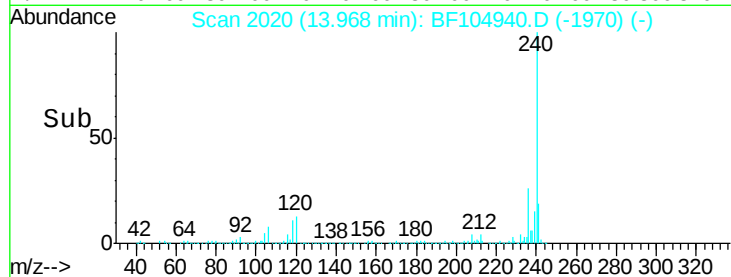
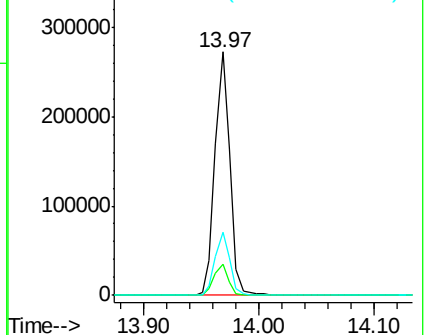
236 25.7 20.7 31.1



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



#77

Pyrene

Concen: 4.485 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

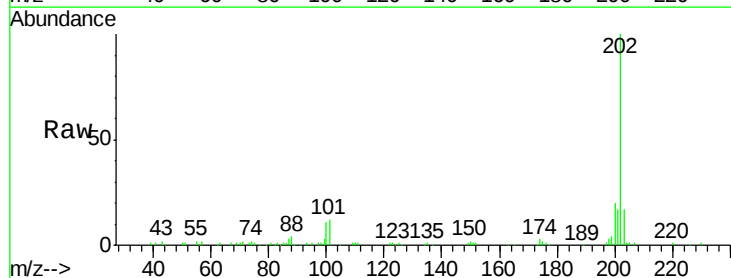
Tgt Ion:202 Resp: 81231

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

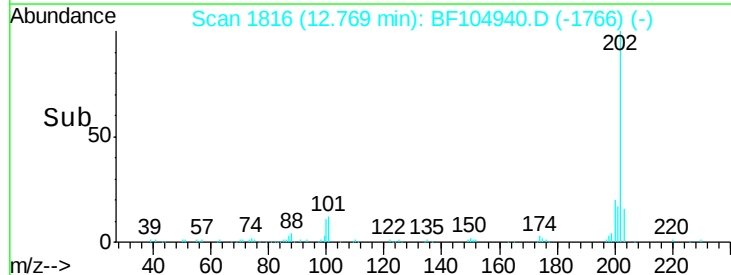
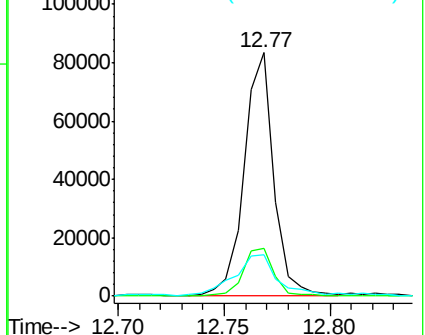
203 16.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.243 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

Instrument :

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ClientSampleId :

FK-GF-02-018-A

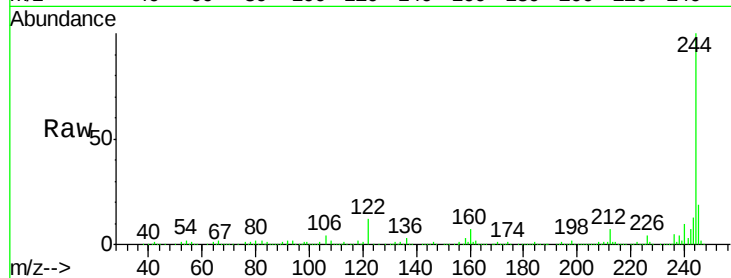
Tot Ion:244 Resp: 731356

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

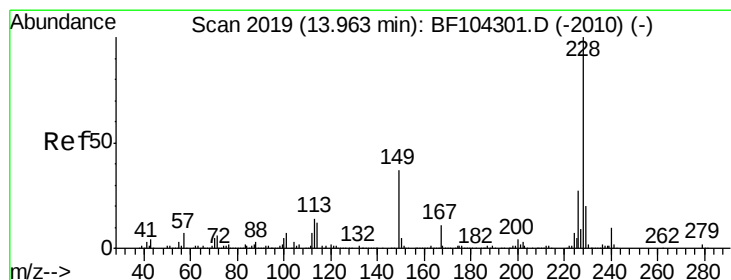
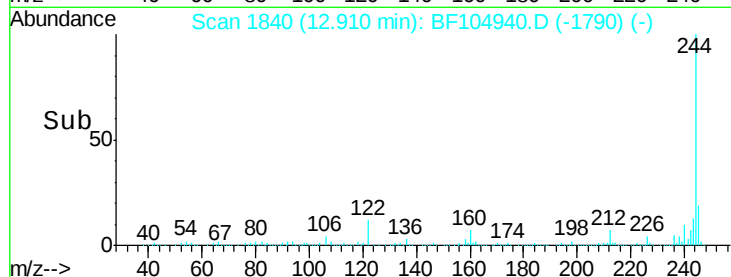
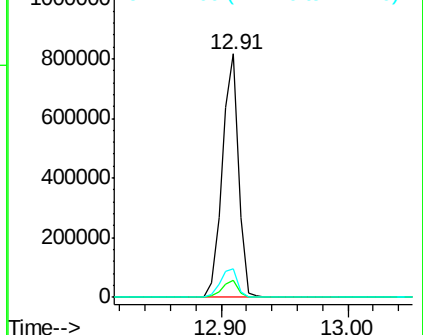
122 11.6 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 2.203 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF104940.D

Acq: 30 Apr 2018 18:34

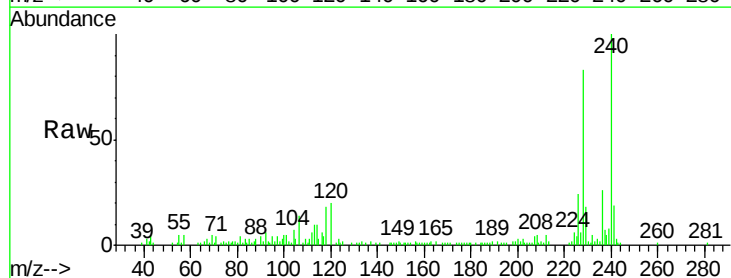
Tgt Ion:228 Resp: 32151

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

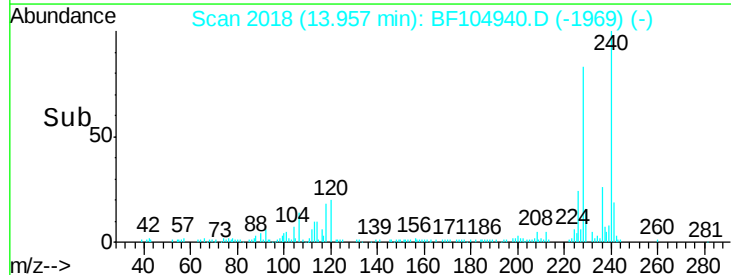
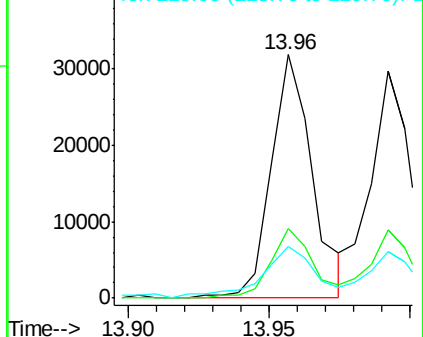
229 21.3 15.8 23.6

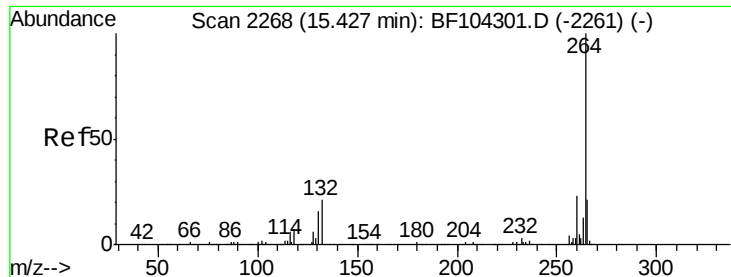


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF104940.D
 Acq: 30 Apr 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-A

Tot Ion: 264 Resp: 215916
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.9 17.5 26.3

