

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104256.D
 Acq On : 5 Apr 2018 5:52
 Operator : JU/SJ
 Sample : J2202-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-A

Quant Time: Apr 05 06:50:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

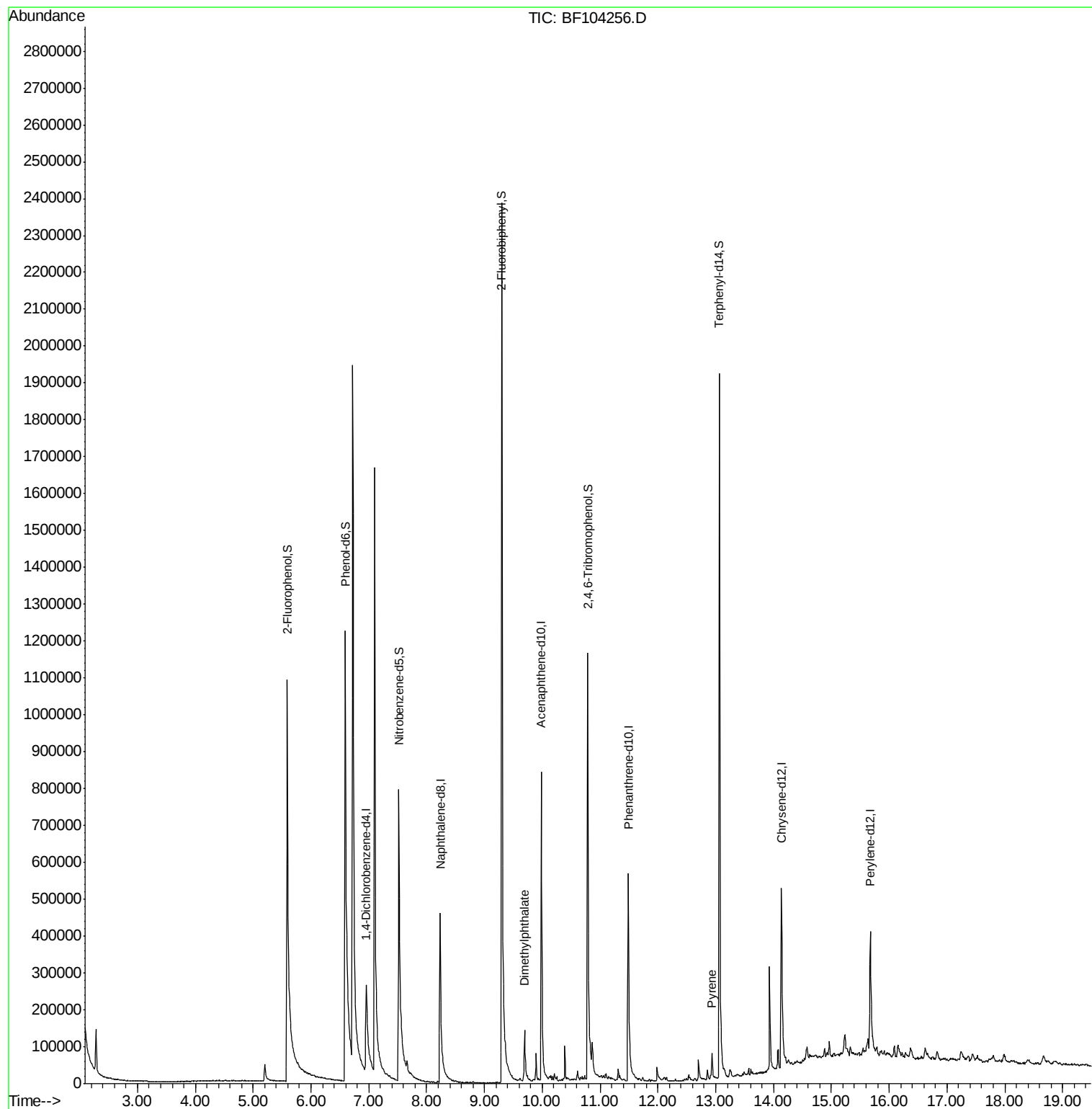
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	116587	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	500749	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	221333	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	357223	20.00	ng	0.00
75) Chrysene-d12	14.14	240	239267	20.00	ng	0.00
86) Perylene-d12	15.67	264	219412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	844083	115.46	ng	0.00
7) Phenol-d6	6.59	99	1157977	128.74	ng	-0.01
23) Nitrobenzene-d5	7.52	82	673335	82.23	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	249978	101.43	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1232801	87.83	ng	0.00
78) Terphenyl-d14	13.07	244	895850	86.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	96362	5.514	ng	99
77) Pyrene	12.93	202	36432	2.118	ng	96

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

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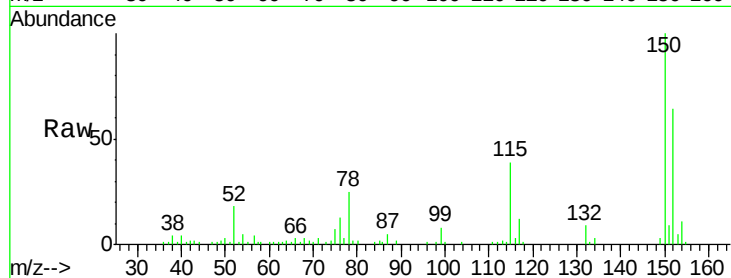


#1

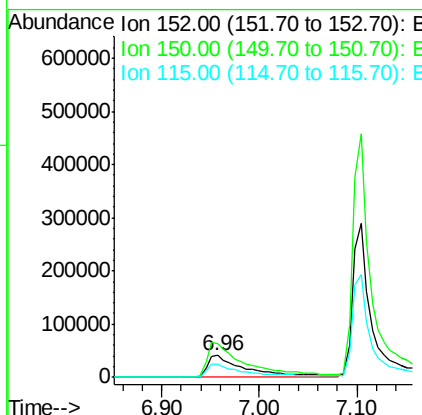
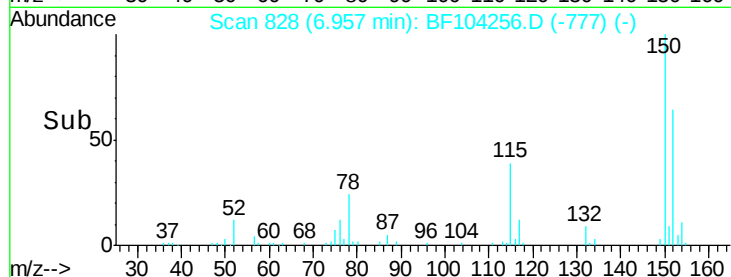
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104256.D
 Acq: 5 Apr 2018 5:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.7	50.1	75.1



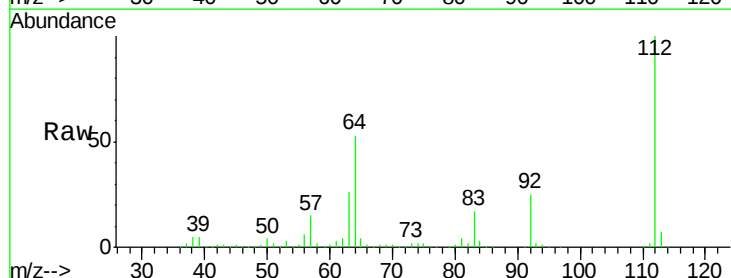
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



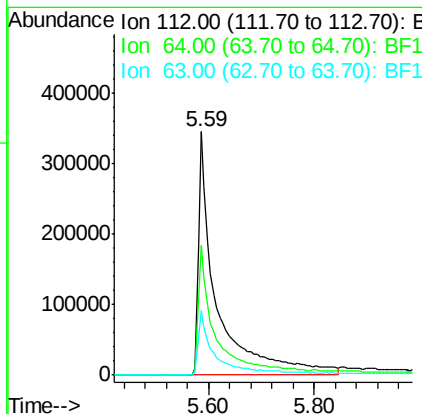
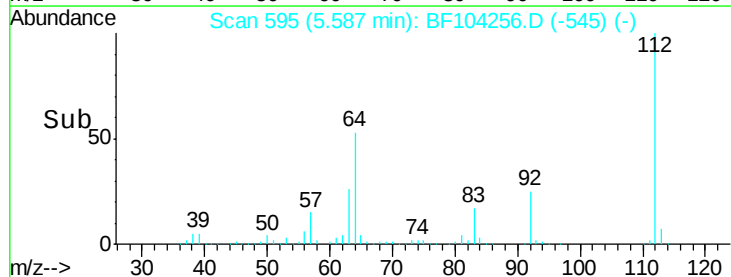
#5

2-Fluorophenol
 Concen: 115.459 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF104256.D
 Acq: 5 Apr 2018 5:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	26.2	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: 128.745 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-014-A

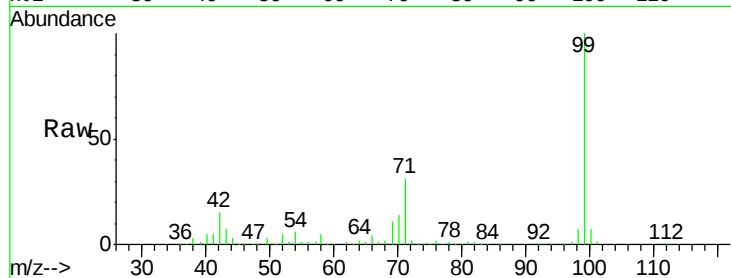
Tot Ion: 99 Resp: 1157977

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

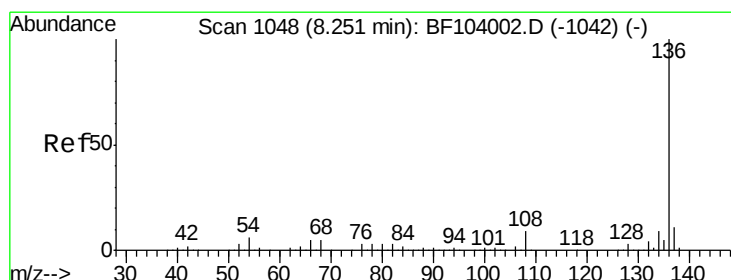
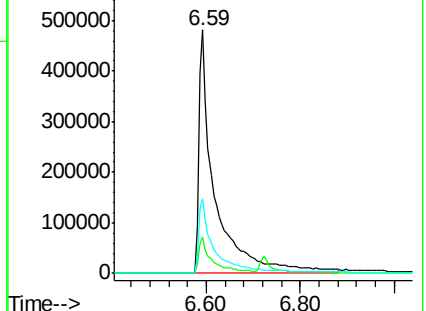
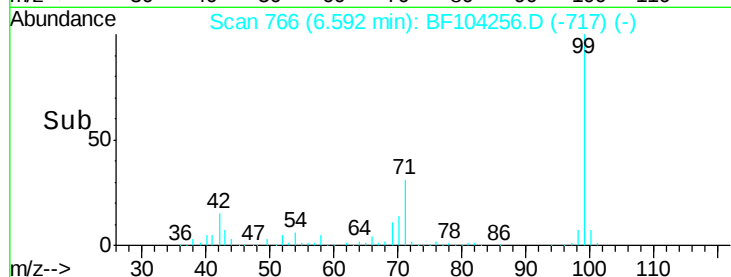
71 30.9 25.4 38.0



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: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

Tgt Ion: 136 Resp: 500749

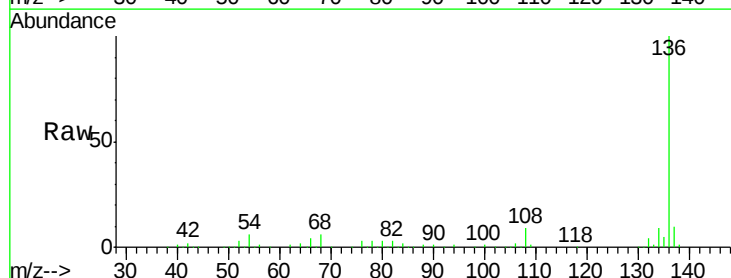
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

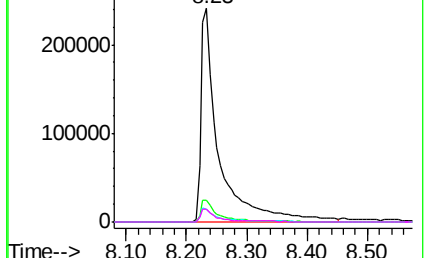
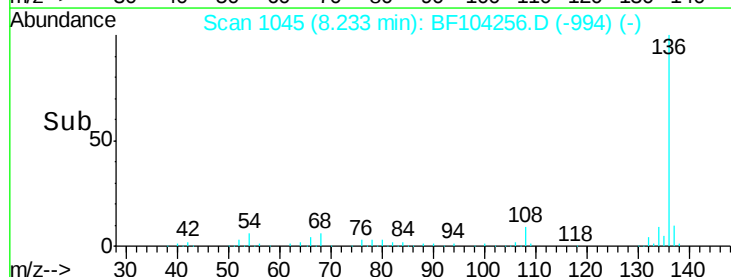


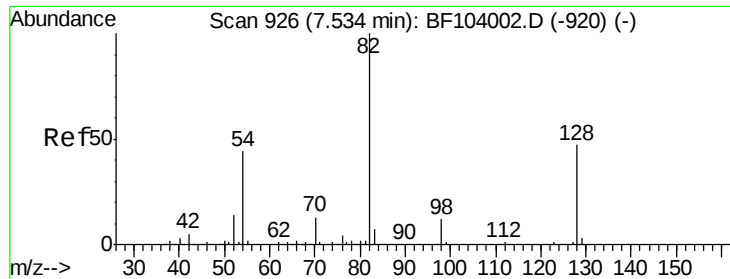
Abundance Ion 136.00 (135.70 to 136.70): E

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

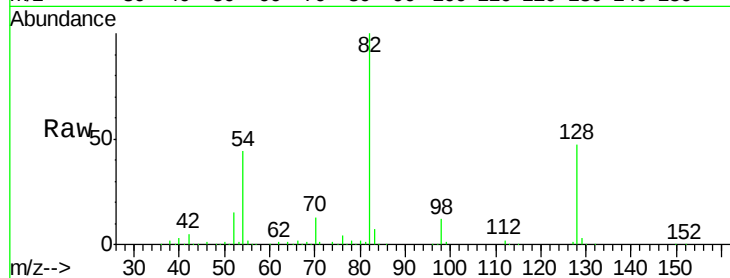




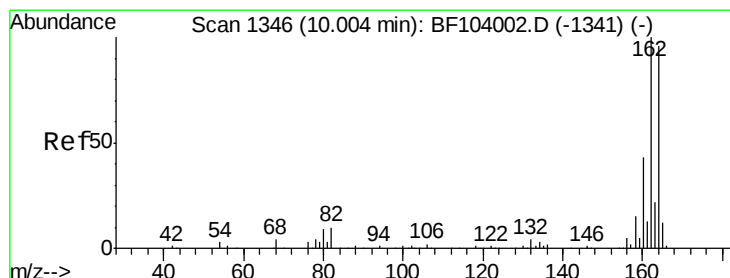
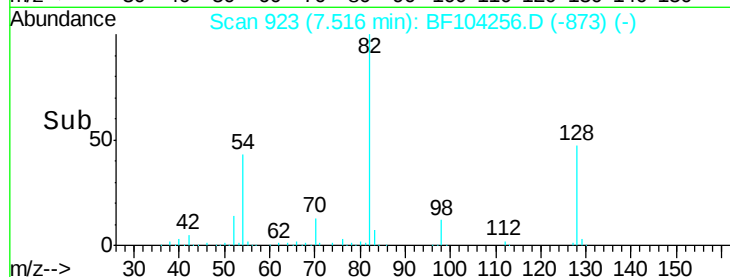
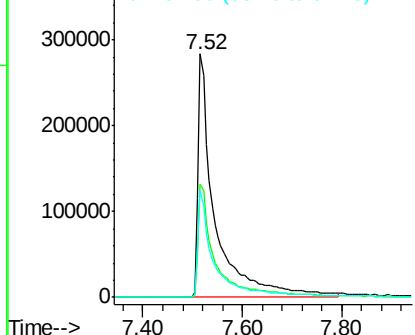
#23
 Nitrobenzene-d5
 Concen: 82.233 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104256.D
 Acq: 5 Apr 2018 5:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-A

Tot Ion: 82 Resp: 673335
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 43.6 41.4 62.2

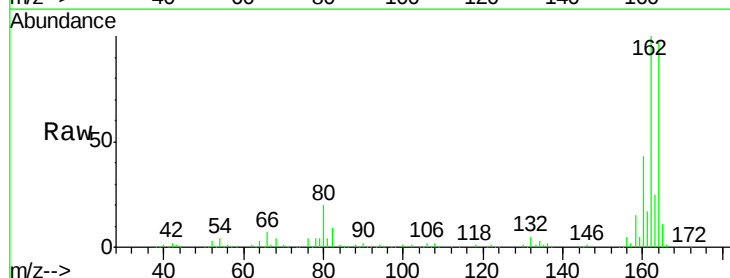


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

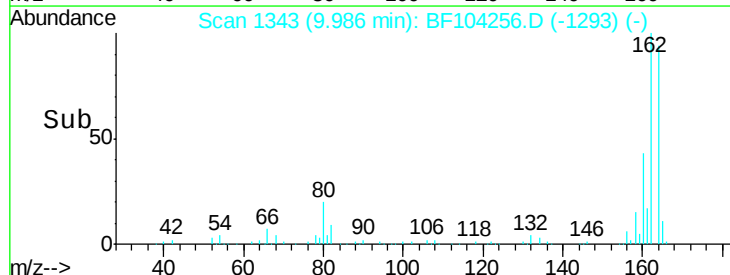
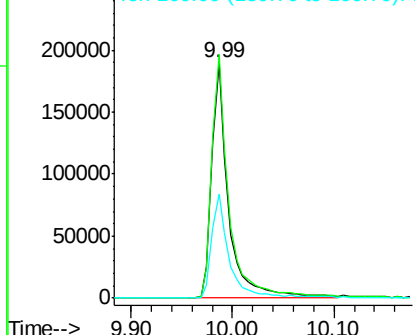


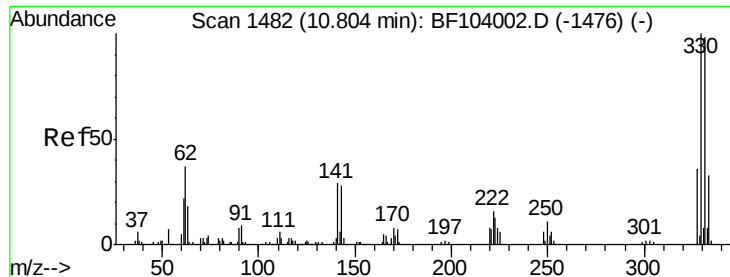
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104256.D
 Acq: 5 Apr 2018 5:52

Tgt Ion:164 Resp: 221333
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 44.4 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

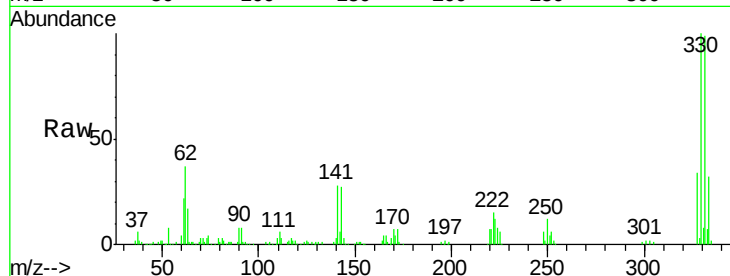




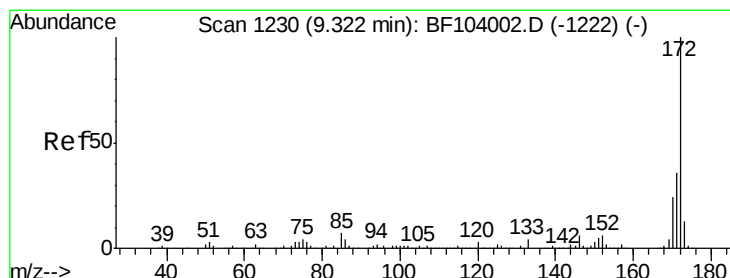
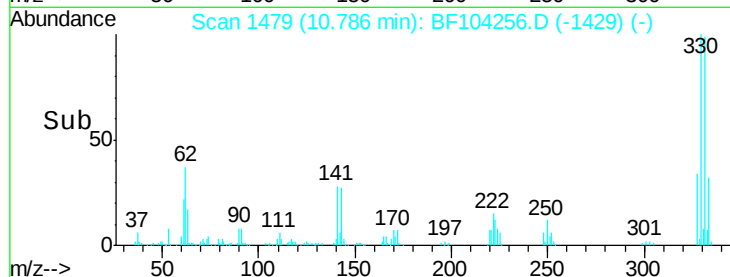
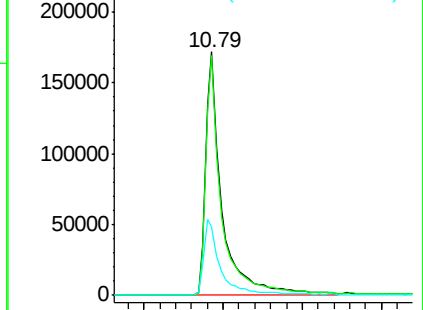
#41
 2,4,6-Tribromophenol
 Concen: 101.430 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104256.D
 Acq: 5 Apr 2018 5:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-014-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	32.6	29.9	44.9

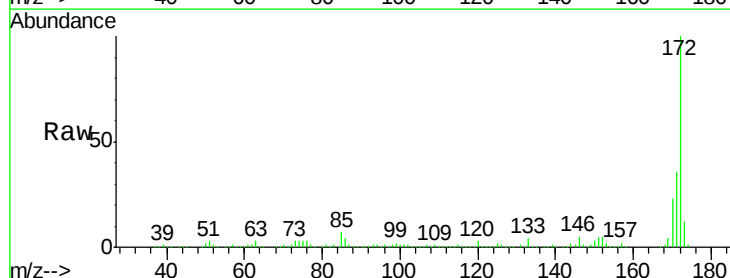


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

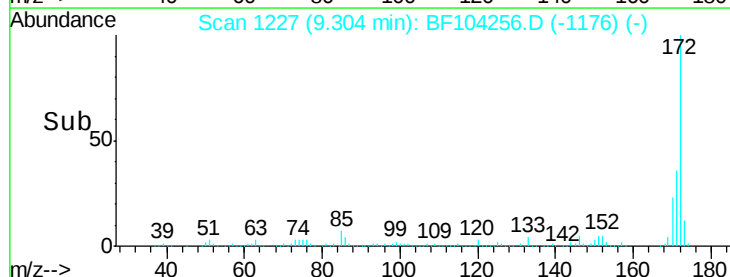
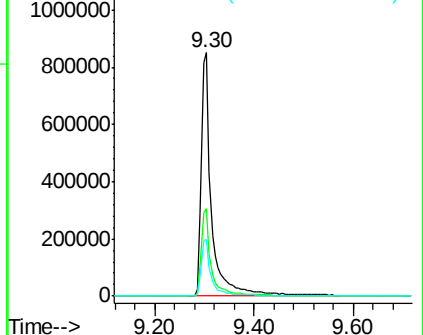


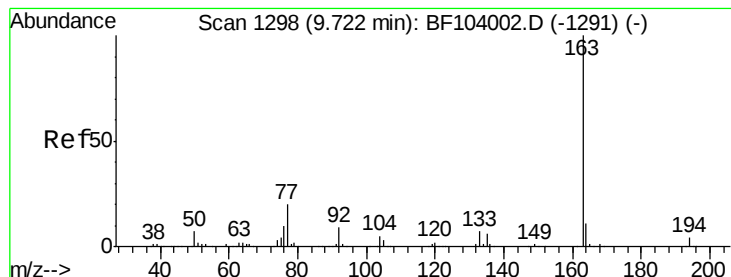
#44
 2-Fluorobiphenyl
 Concen: 87.833 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104256.D
 Acq: 5 Apr 2018 5:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	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: 5.514 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-014-A

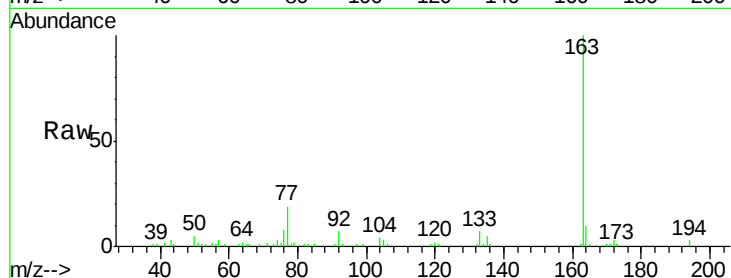
Tot Ion:163 Resp: 96362

Ion Ratio Lower Upper

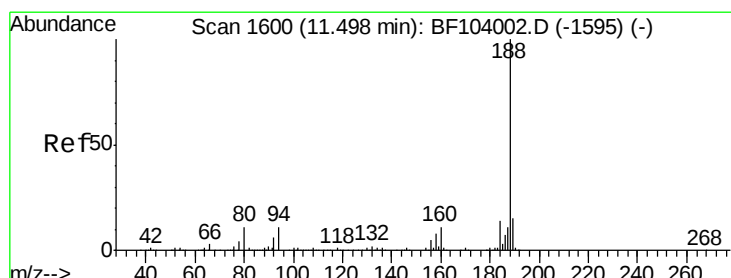
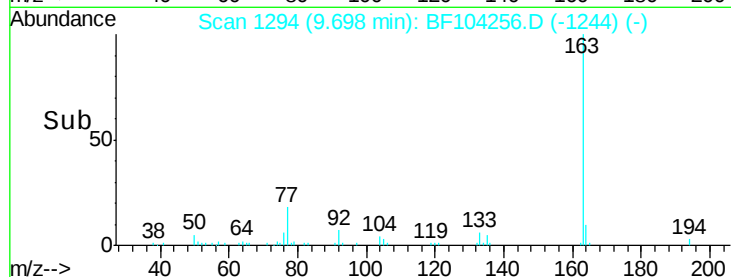
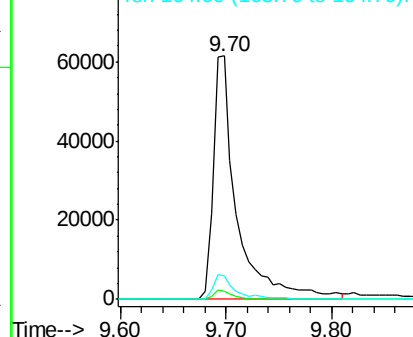
163 100

194 3.3 2.7 4.1

164 9.6 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: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

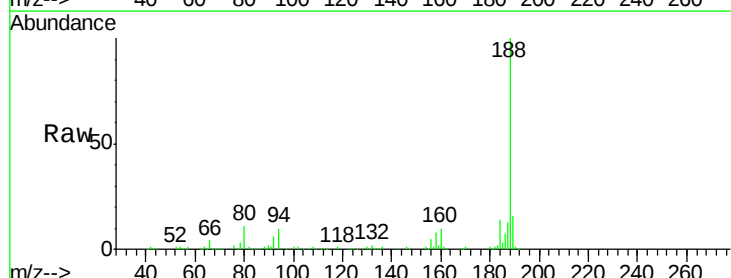
Tgt Ion:188 Resp: 357223

Ion Ratio Lower Upper

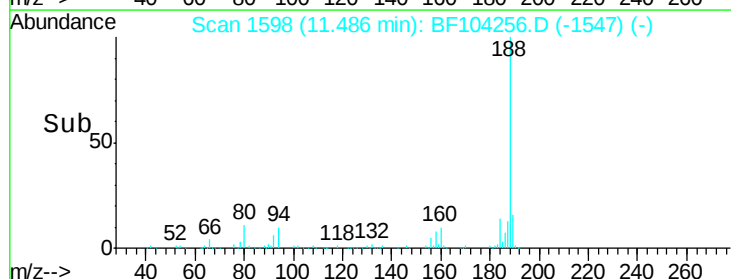
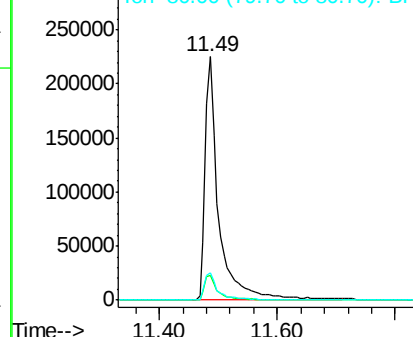
188 100

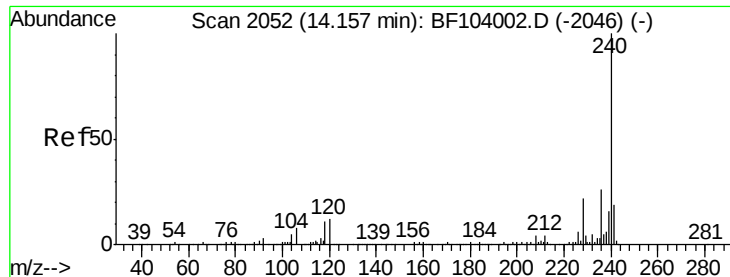
94 10.0 8.5 12.7

80 11.1 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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

Instrument :

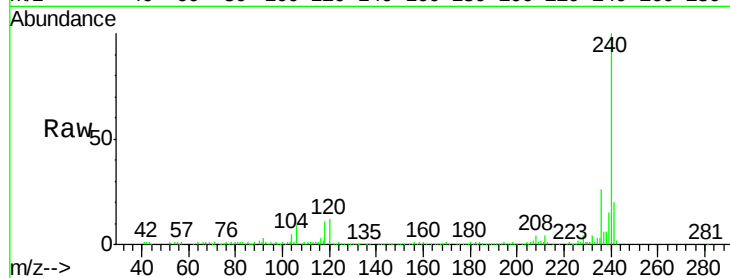
BNA_F

ClientSampleId :

FK-GF-02-014-A

Tot Ion:240 Resp: 239267

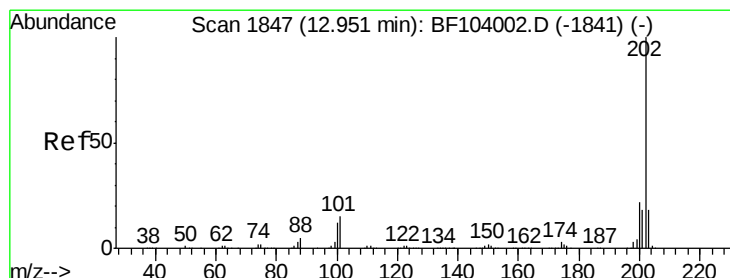
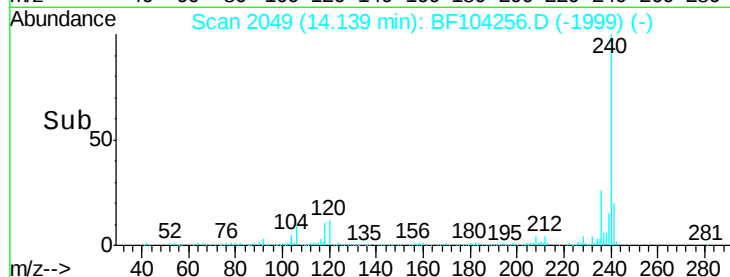
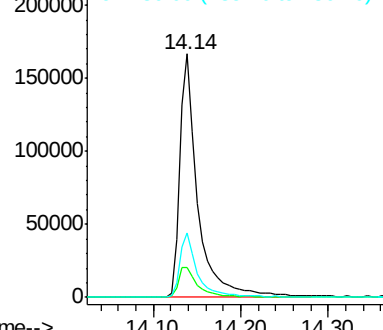
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.4	20.7	31.1



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: 2.118 ng

RT: 12.93 min Scan# 1844

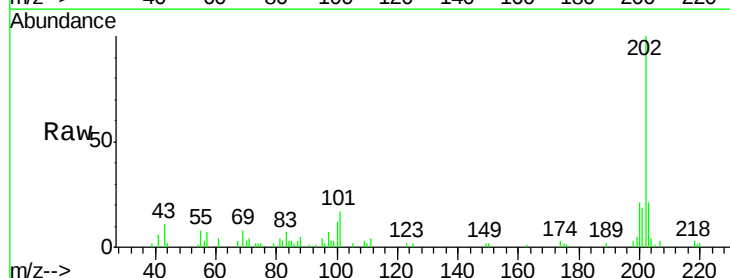
Delta R.T. -0.01 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

Tgt Ion:202 Resp: 36432

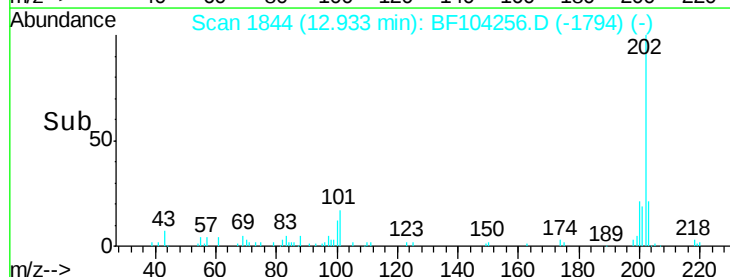
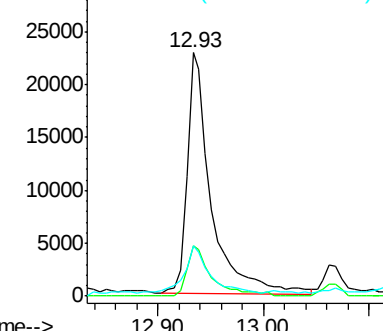
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	20.8	14.3	21.5

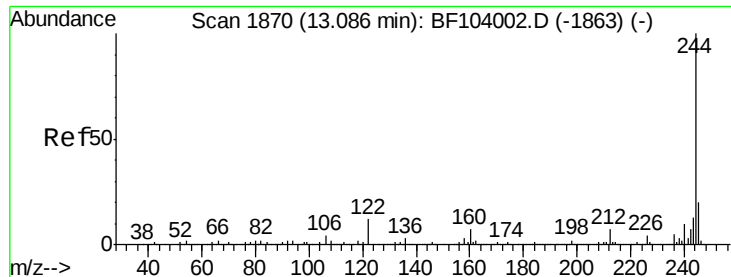


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.451 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

Instrument :

BNA_F

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FK-GF-02-014-A

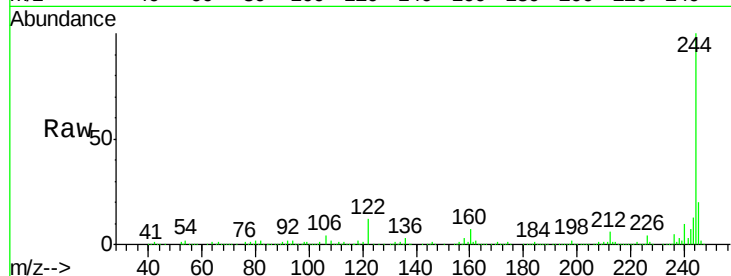
Tot Ion:244 Resp: 895850

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

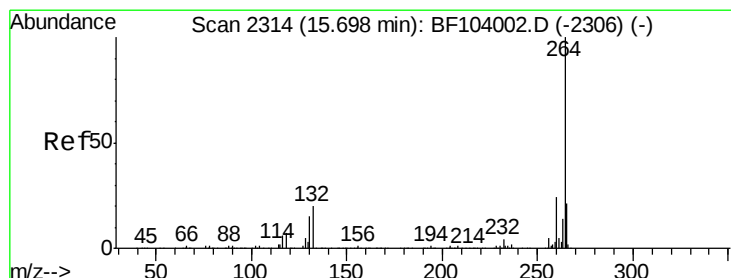
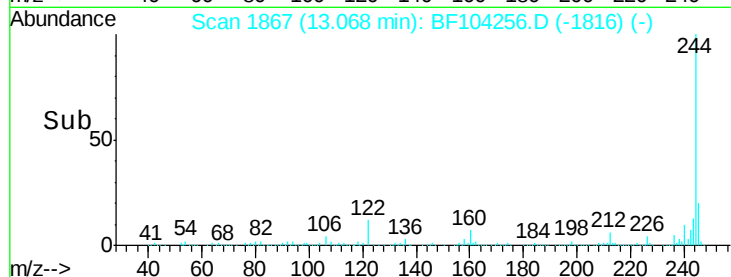
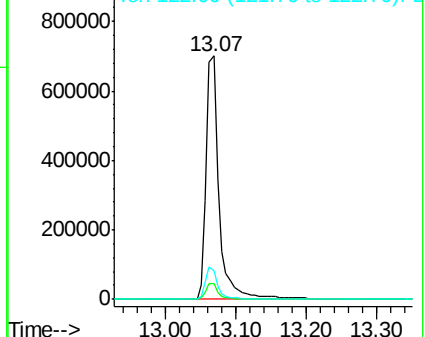
122 11.6 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104256.D

Acq: 5 Apr 2018 5:52

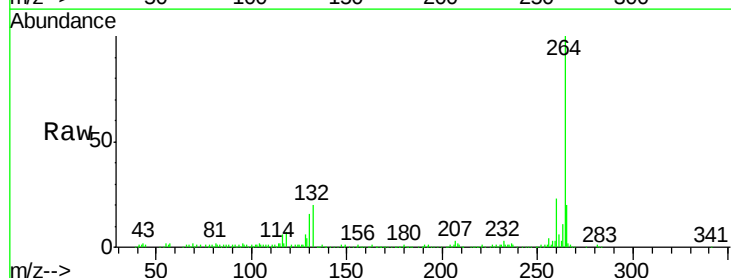
Tgt Ion:264 Resp: 219412

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.0 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

