

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104784.D
 Acq On : 25 Apr 2018 13:11
 Operator : JU/SJ
 Sample : J2511-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-A

Quant Time: Apr 25 15:08:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

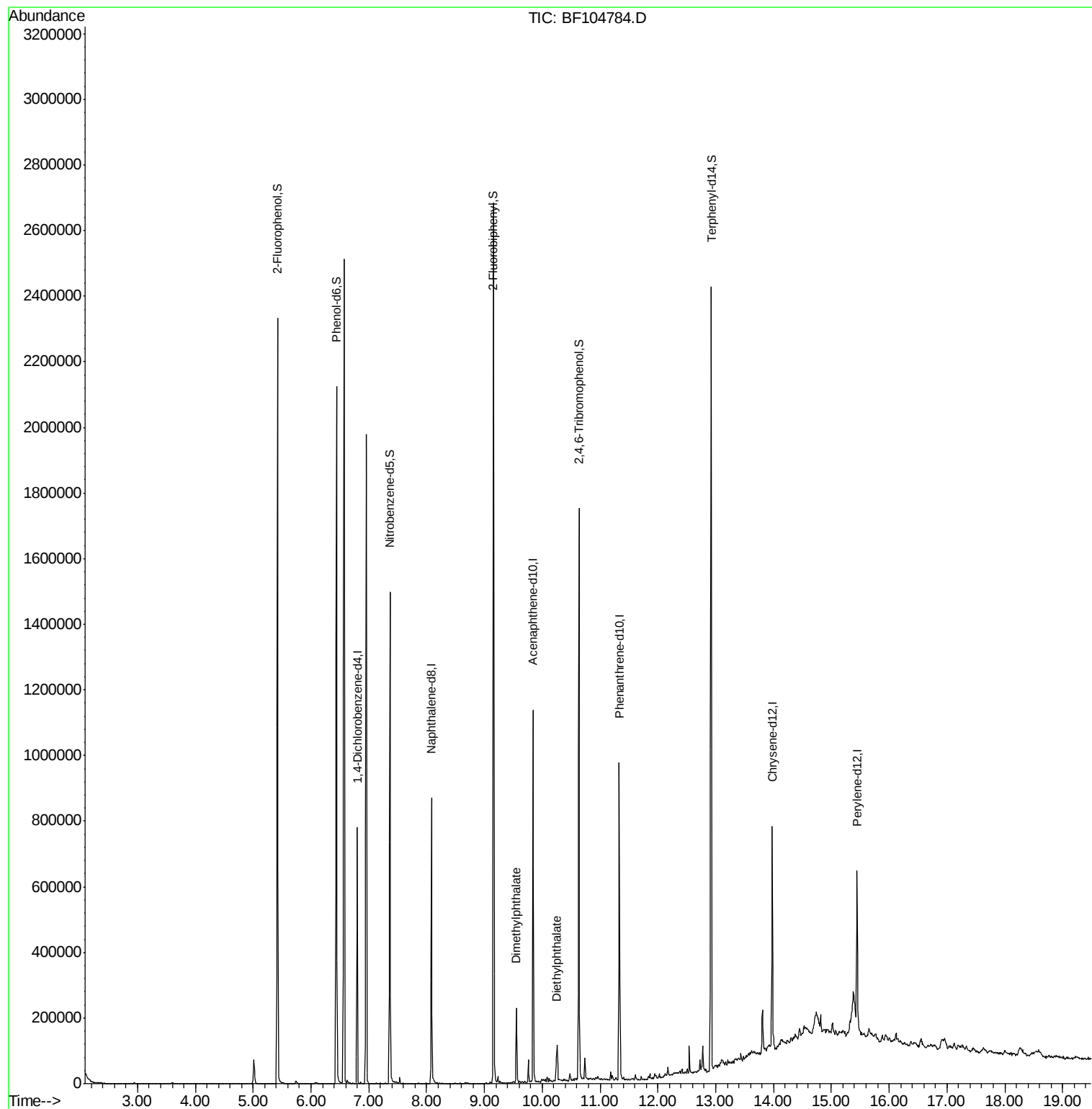
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105405	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	438635	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	205229	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	377535	20.00	ng	0.00
75) Chrysene-d12	13.98	240	229449	20.00	ng	0.00
86) Perylene-d12	15.44	264	218295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	710263	103.03	ng	0.00
7) Phenol-d6	6.45	99	869739	102.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	537492	80.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	222113	104.33	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	857410	66.00	ng	0.00
78) Terphenyl-d14	12.92	244	807882	80.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	89644	5.539	ng	99
59) Diethylphthalate	10.25	149	43504	2.699	ng	98

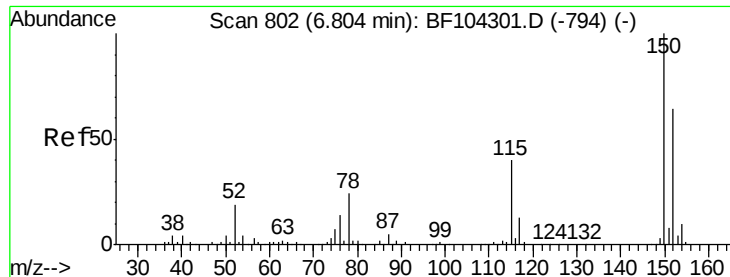
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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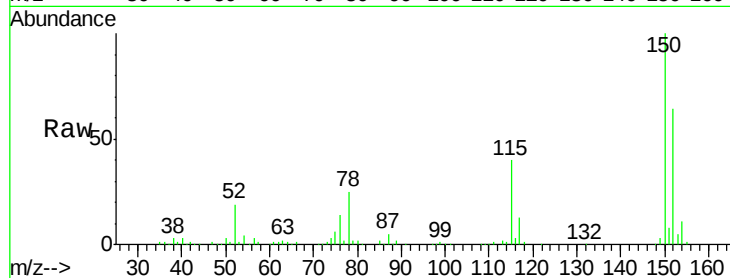


#1

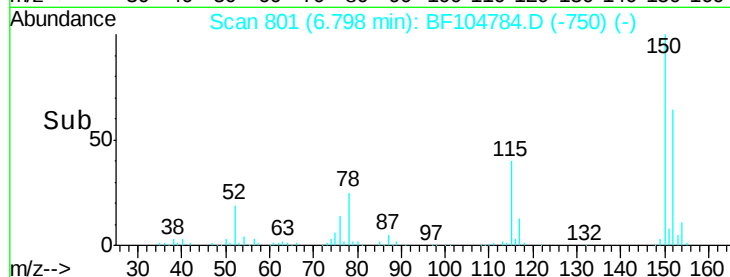
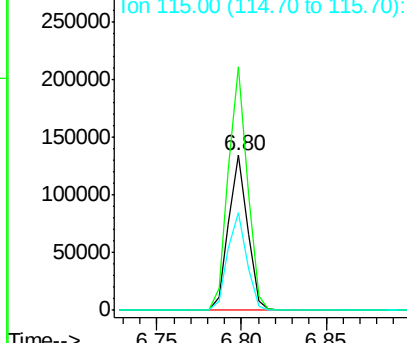
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104784.D
 Acq: 25 Apr 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-A

Tot Ion:152 Resp: 105405
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 63.3 50.1 75.1



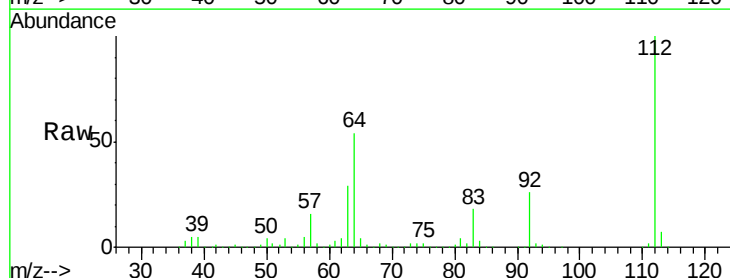
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



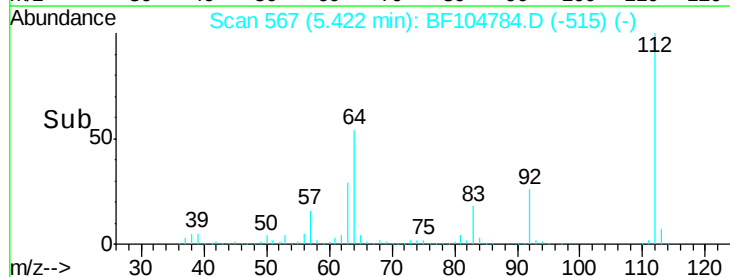
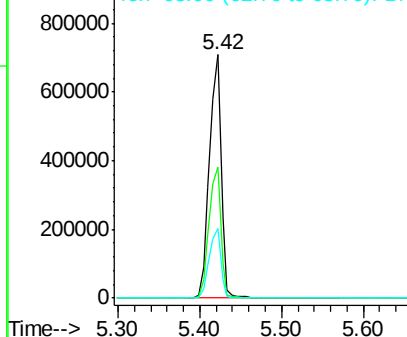
#5

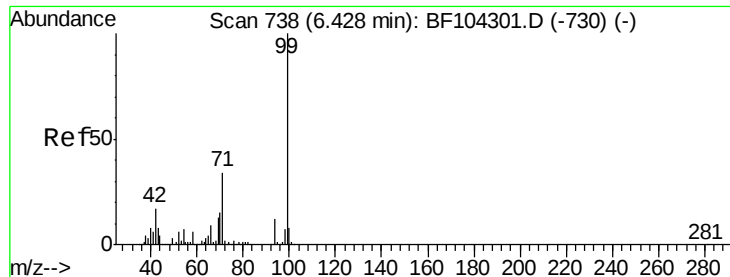
2-Fluorophenol
 Concen: 103.034 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104784.D
 Acq: 25 Apr 2018 13:11

Tgt Ion:112 Resp: 710263
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 28.7 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: 102.687 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104784.D

Acq: 25 Apr 2018 13:11

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-017-A

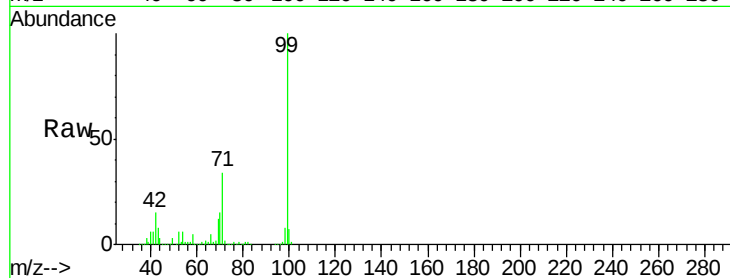
Tot Ion: 99 Resp: 869739

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

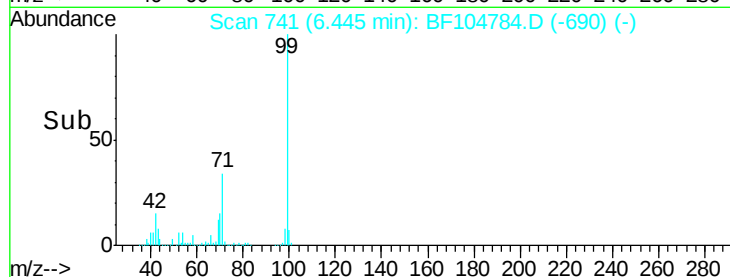
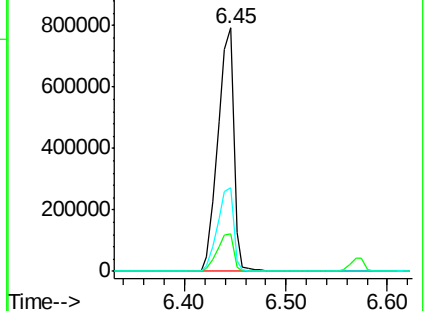
71 34.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104784.D

Acq: 25 Apr 2018 13:11

Tgt Ion: 136 Resp: 438635

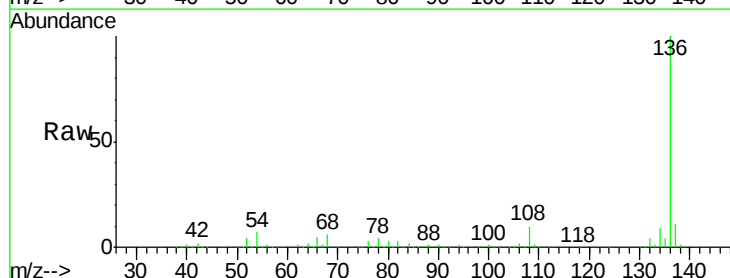
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.5 5.0 7.4

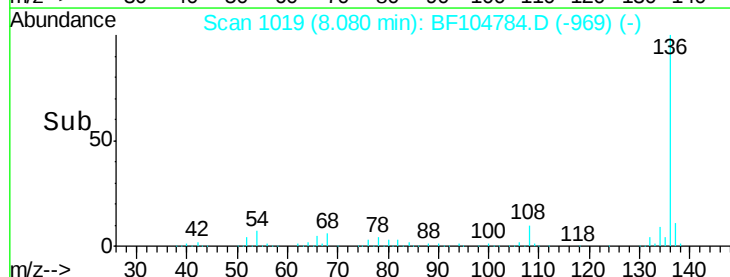
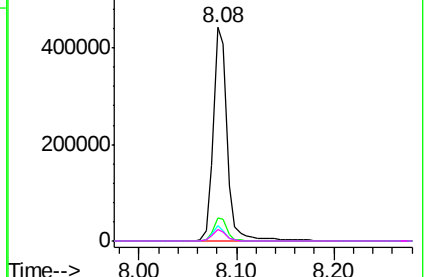


Abundance Ion 136.00 (135.70 to 136.70): E

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

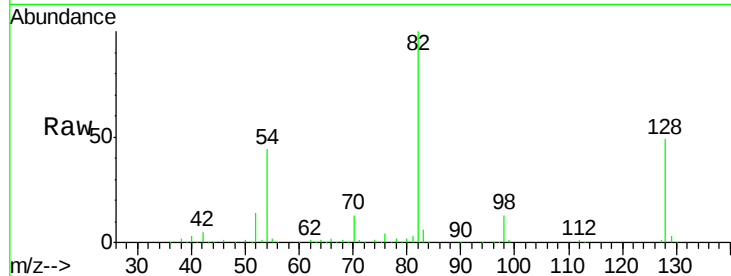




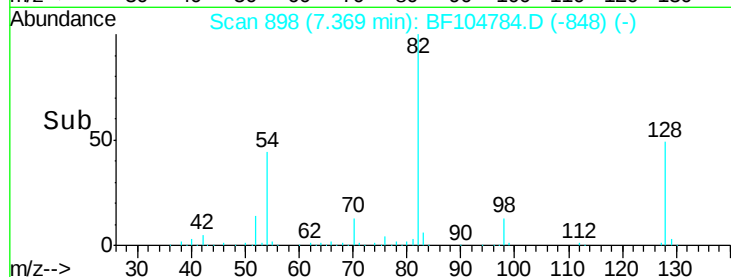
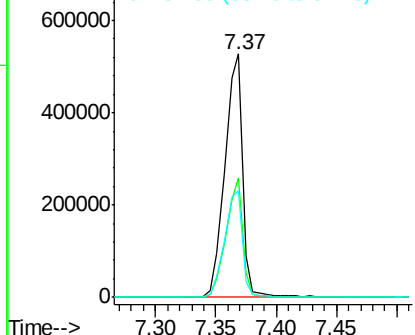
#23
 Nitrobenzene-d5
 Concen: 80.015 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104784.D
 Acq: 25 Apr 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-017-A

Tot Ion: 82 Resp: 537492
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 44.0 41.4 62.2

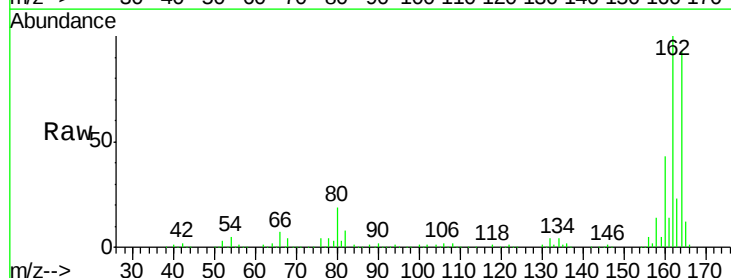


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

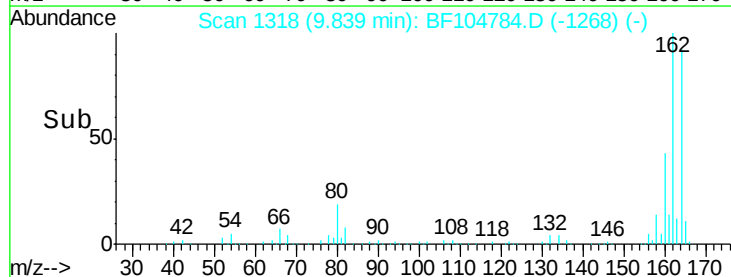
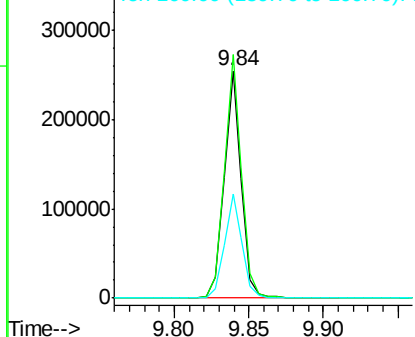


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104784.D
 Acq: 25 Apr 2018 13:11

Tgt Ion: 164 Resp: 205229
 Ion Ratio Lower Upper
 164 100
 162 107.1 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: 104.332 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104784.D

Acq: 25 Apr 2018 13:11

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-017-A

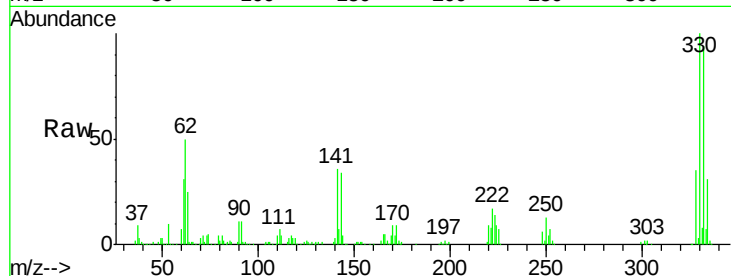
Tot Ion:330 Resp: 222113

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

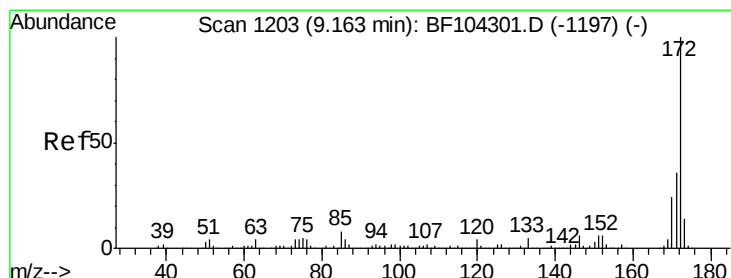
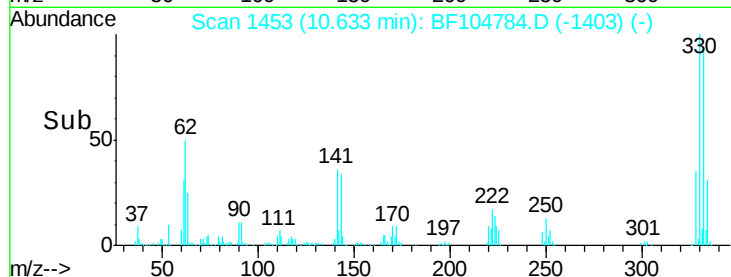
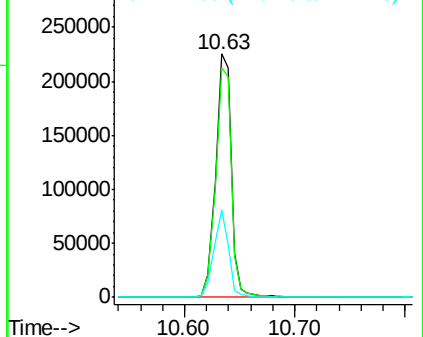
141 33.3 29.9 44.9



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: 65.999 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104784.D

Acq: 25 Apr 2018 13:11

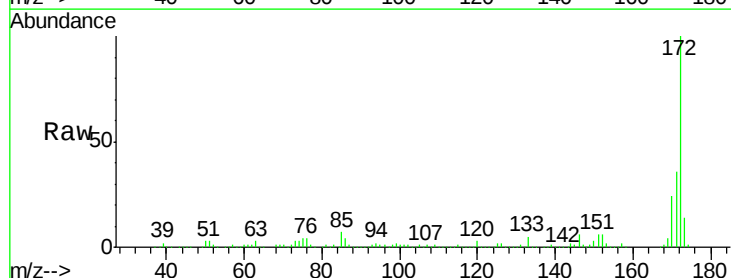
Tgt Ion:172 Resp: 857410

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

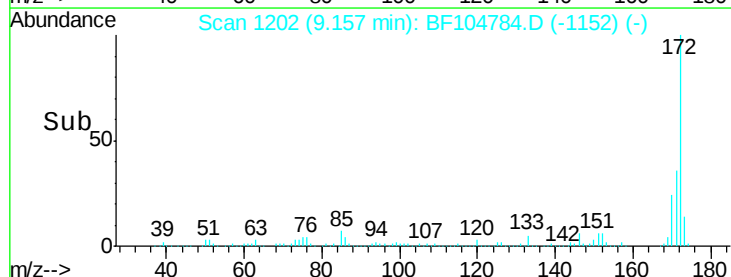
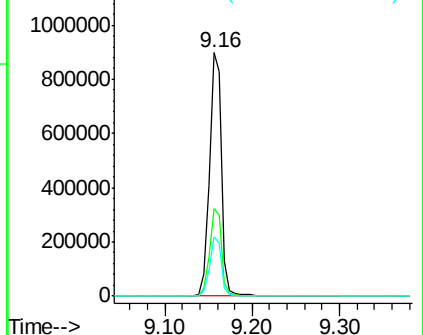
170 24.2 19.6 29.4

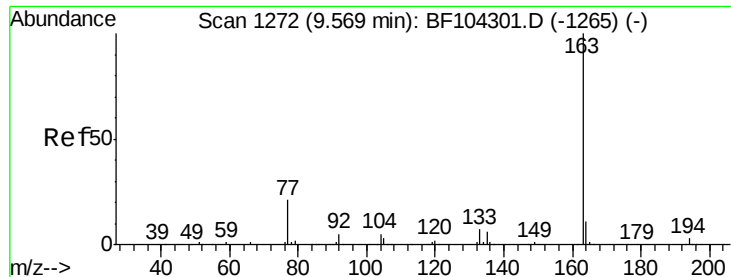


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

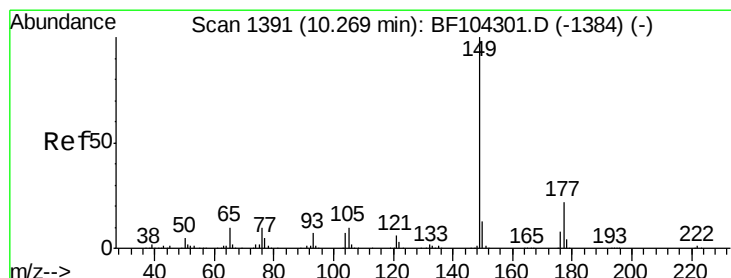
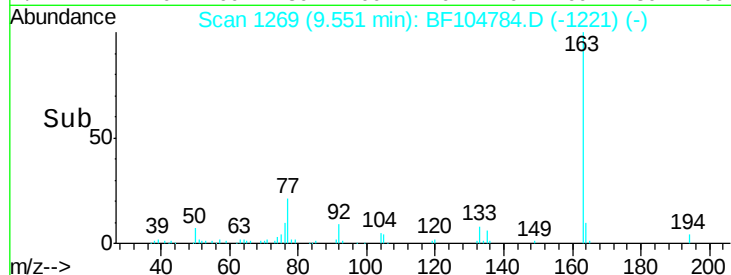
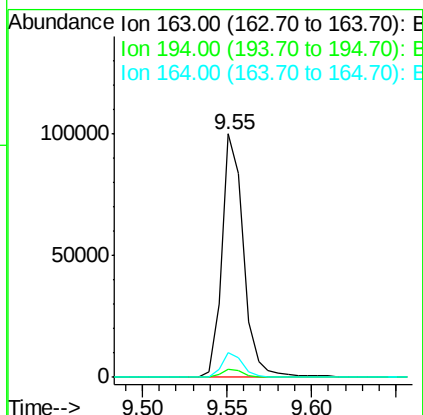
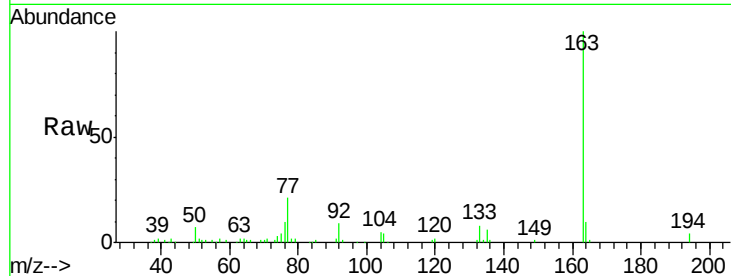




#49
Dimethylphthalate
Concen: 5.539 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104784.D
Acq: 25 Apr 2018 13:11

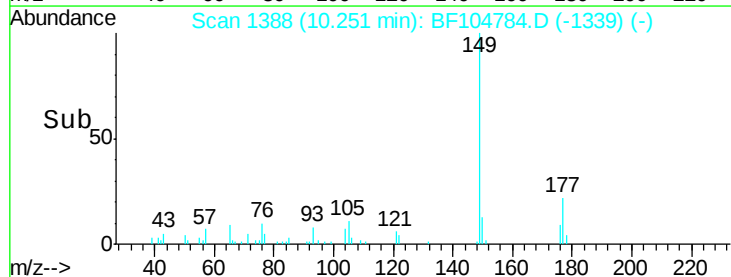
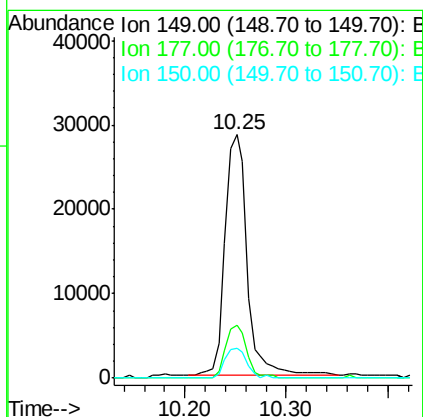
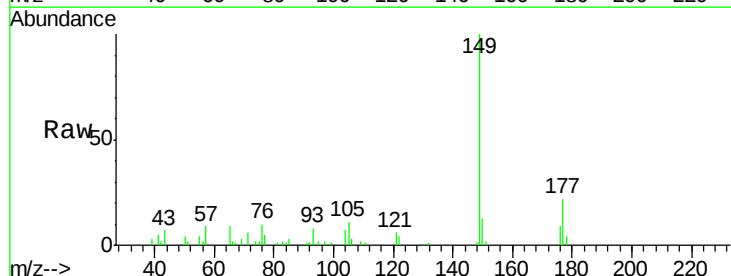
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-A

Tot Ion:163 Resp: 89644
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2



#59
Diethylphthalate
Concen: 2.699 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF104784.D
Acq: 25 Apr 2018 13:11

Tgt Ion:149 Resp: 43504
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1

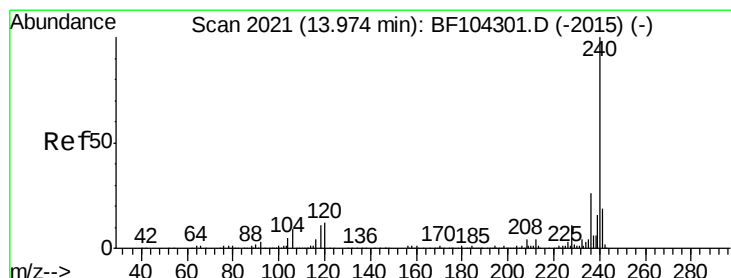
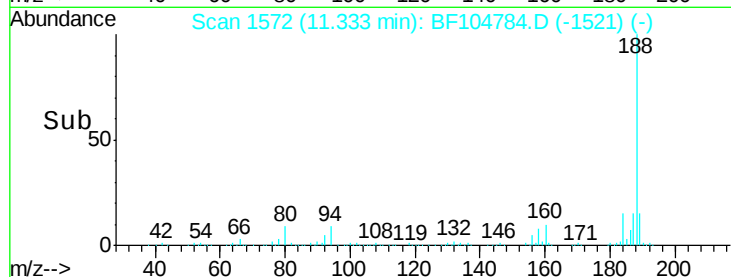
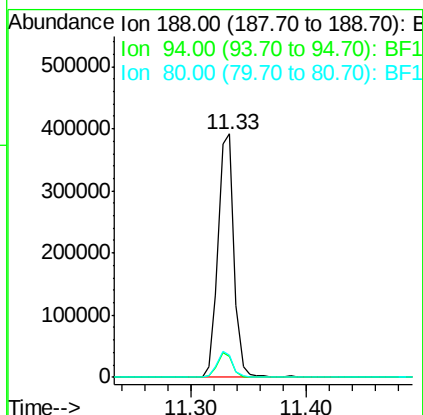
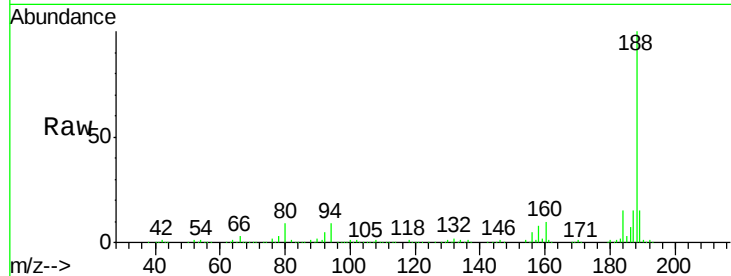




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104784.D
Acq: 25 Apr 2018 13:11

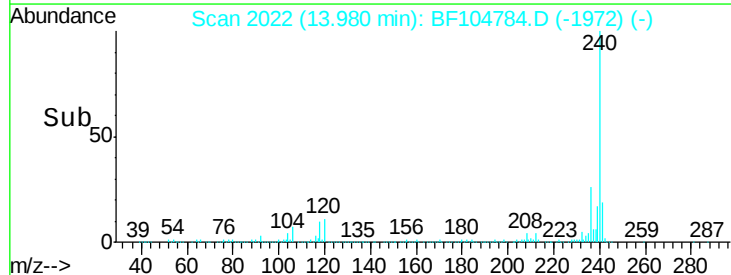
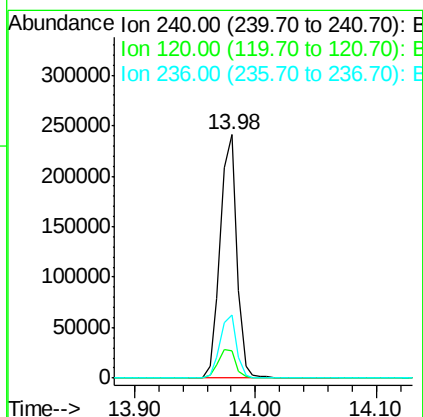
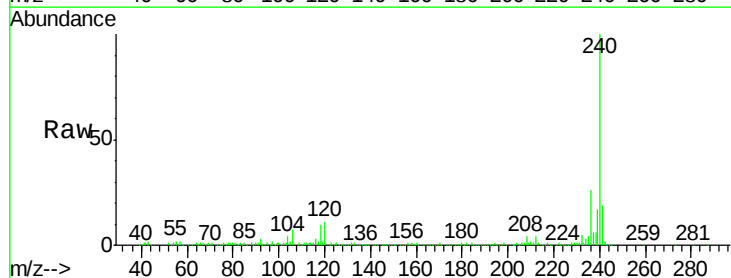
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-017-A

Tot Ion:188 Resp: 377535
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104784.D
Acq: 25 Apr 2018 13:11

Tgt Ion:240 Resp: 229449
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 80.272 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104784.D

Acq: 25 Apr 2018 13:11

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-017-A

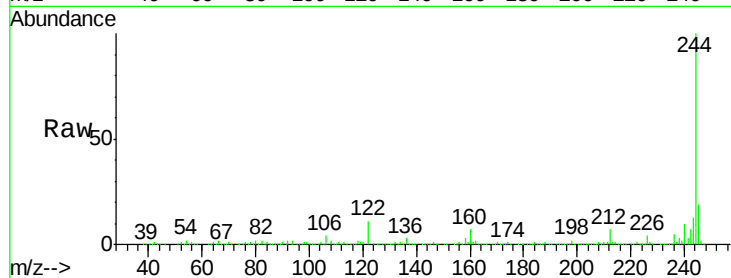
Tot Ion:244 Resp: 807882

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

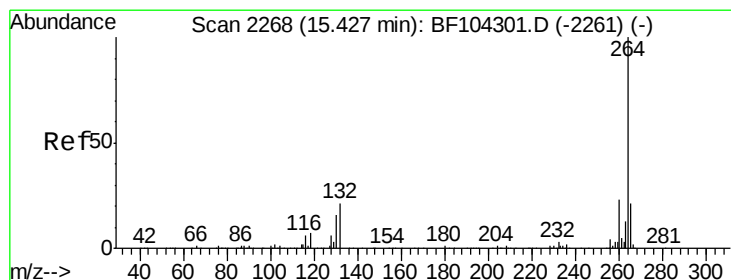
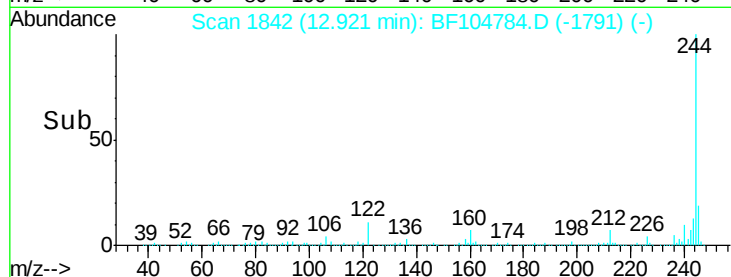
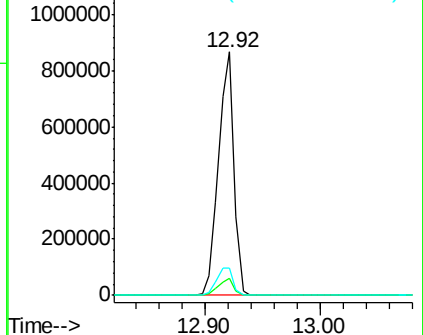
122 11.4 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF104784.D

Acq: 25 Apr 2018 13:11

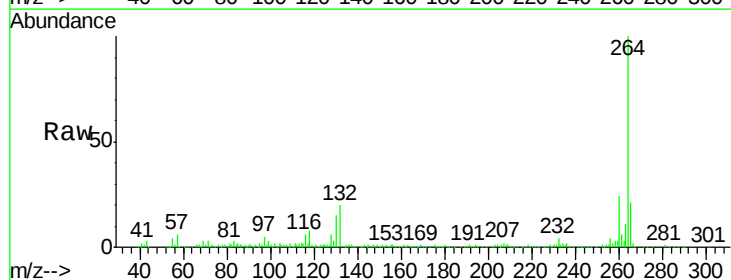
Tgt Ion:264 Resp: 218295

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.1 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

