

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104245.D
 Acq On : 5 Apr 2018 00:05
 Operator : JU/SJ
 Sample : J2203-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-D02-D02A-E02-E02A

Quant Time: Apr 05 02:05:16 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

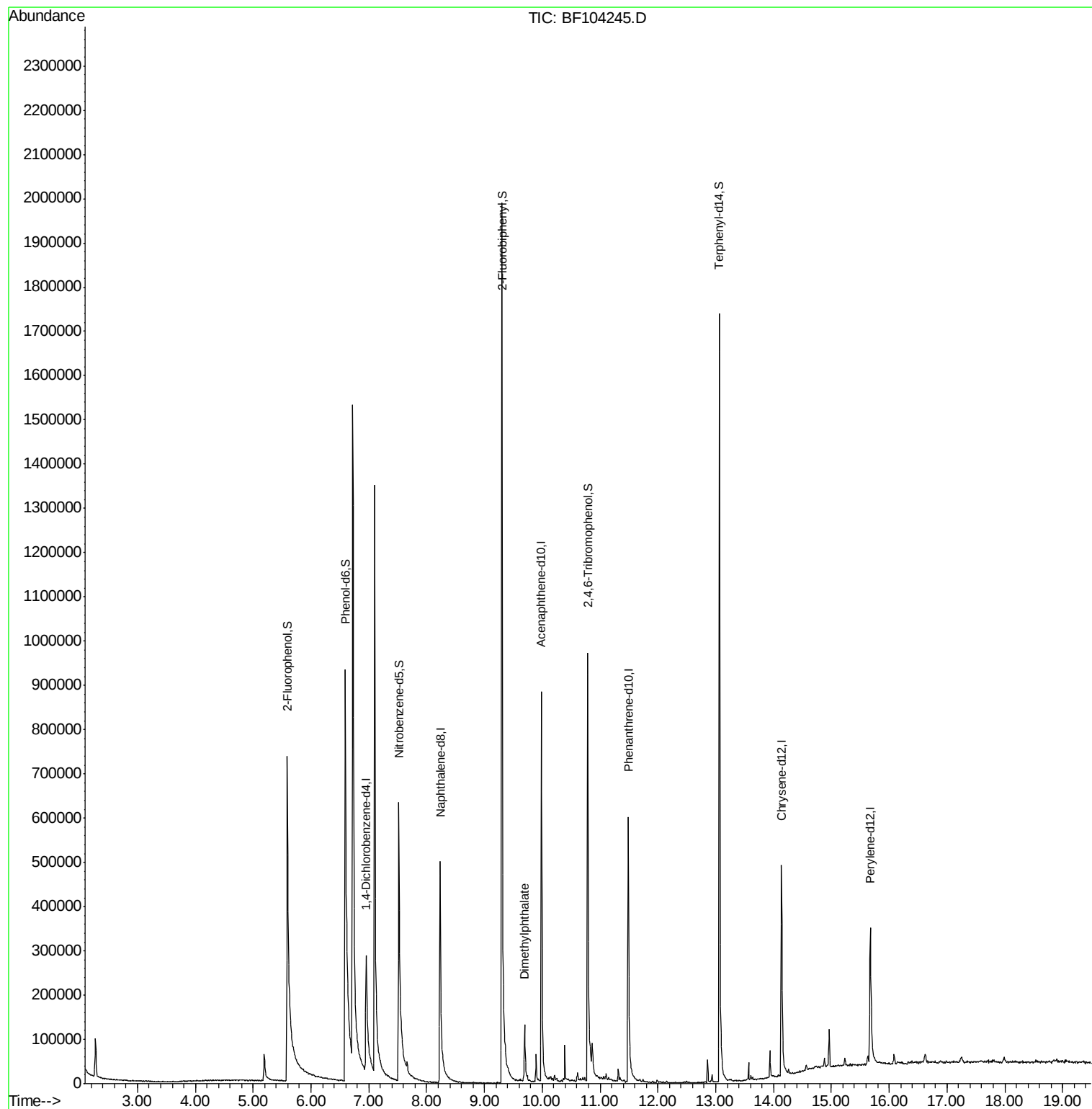
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	114795	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	504878	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	227561	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	372117	20.00	ng	0.00
75) Chrysene-d12	14.14	240	247036	20.00	ng	0.00
86) Perylene-d12	15.67	264	214503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	649261	90.20	ng	0.00
7) Phenol-d6	6.59	99	847590	95.71	ng	-0.01
23) Nitrobenzene-d5	7.52	82	539175	65.31	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	210361	83.02	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1017974	70.54	ng	0.00
78) Terphenyl-d14	13.07	244	773598	72.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	94937	5.284	ng	Qvalue 100

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

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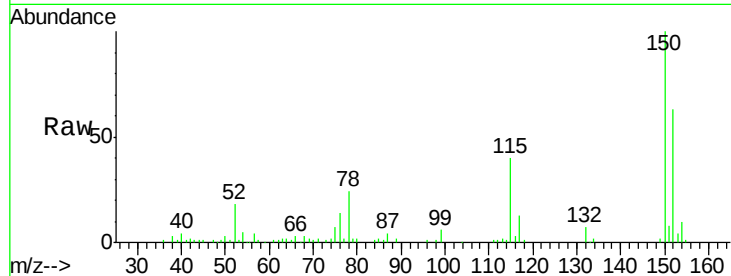


#1

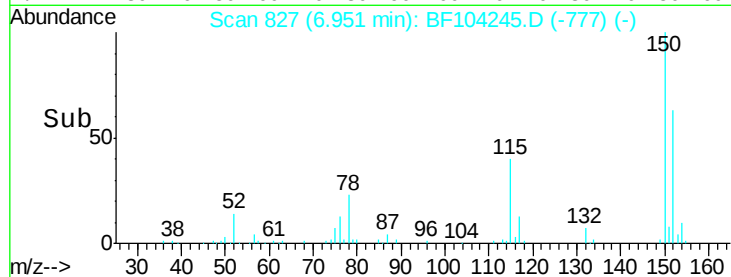
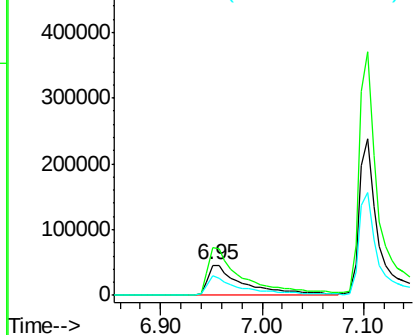
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104245.D
Acq: 5 Apr 2018 00:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D02-D02A-E02-E02A

Tot Ion:152 Resp: 114795
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 63.5 50.1 75.1



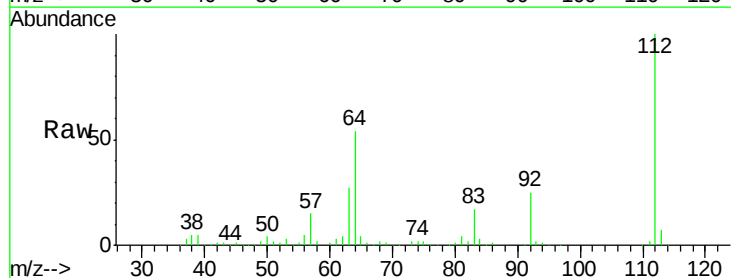
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



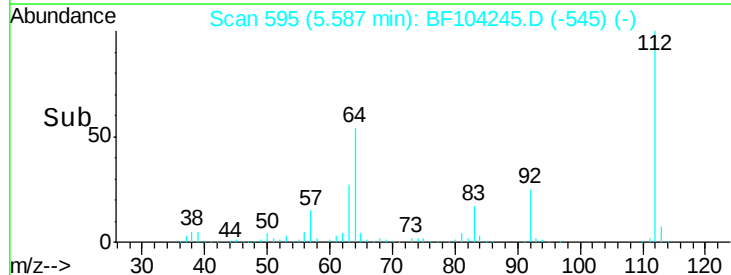
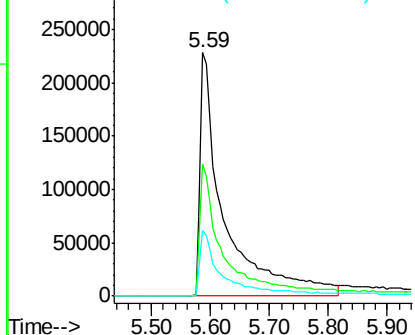
#5

2-Fluorophenol
Concen: 90.196 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104245.D
Acq: 5 Apr 2018 00:05

Tgt Ion:112 Resp: 649261
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.7 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: 95.707 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D02-D02A-E02-E02A

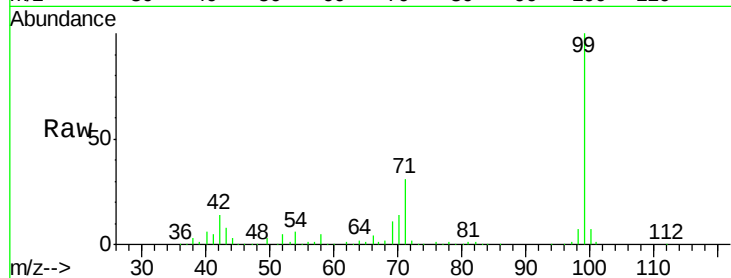
Tot Ion: 99 Resp: 847590

Ion Ratio Lower Upper

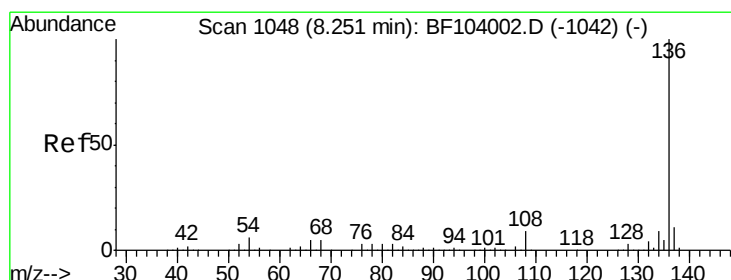
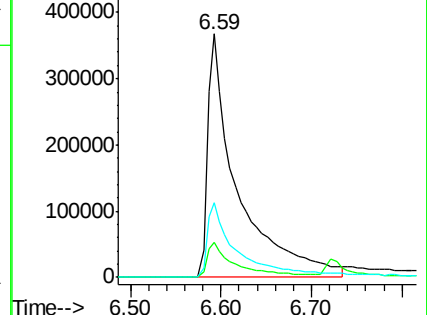
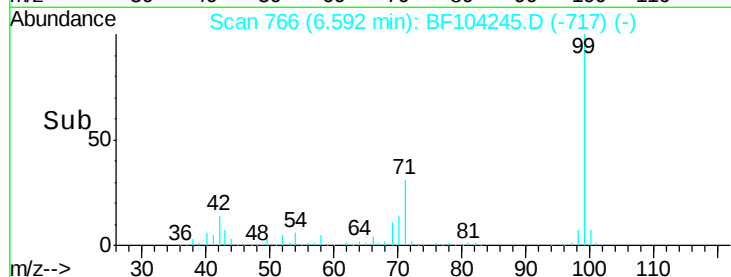
99 100

42 14.2 14.5 21.7#

71 30.7 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: BF104245.D

Acq: 5 Apr 2018 00:05

Tgt Ion: 136 Resp: 504878

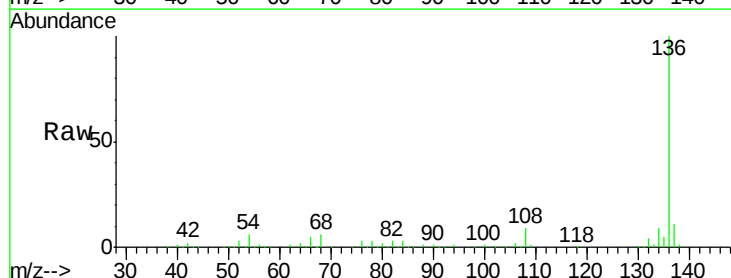
Ion Ratio Lower Upper

136 100

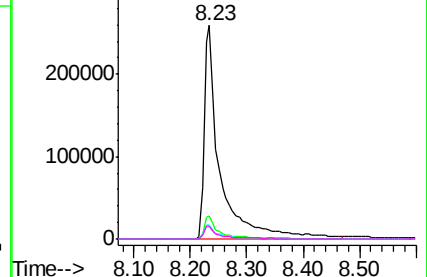
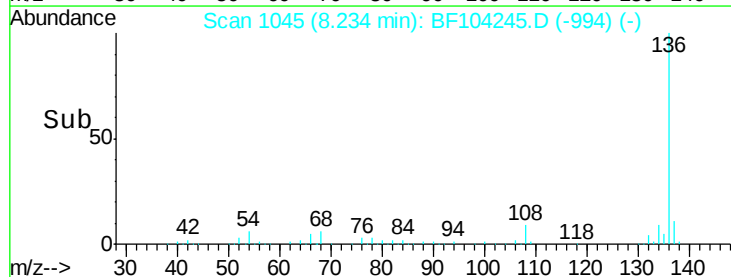
137 11.0 8.9 13.3

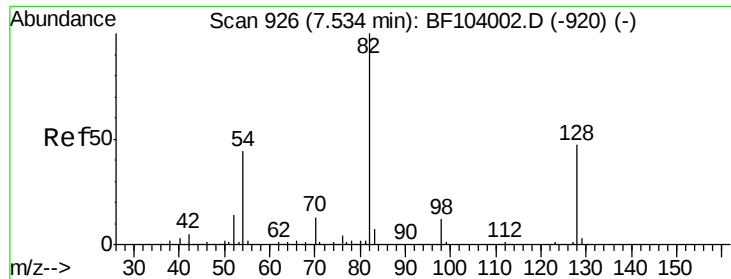
54 6.4 6.6 9.8#

68 6.0 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

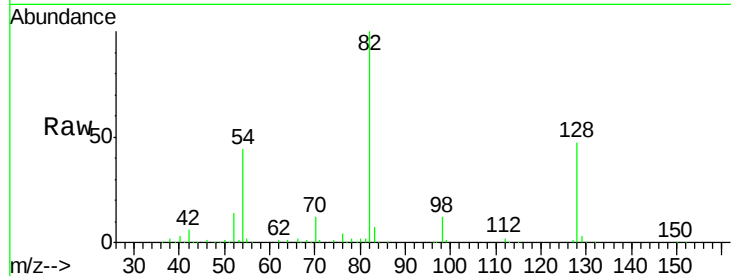




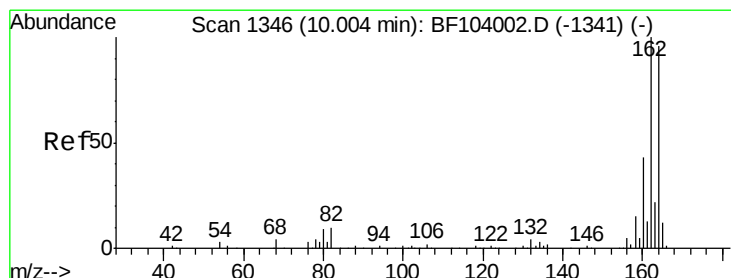
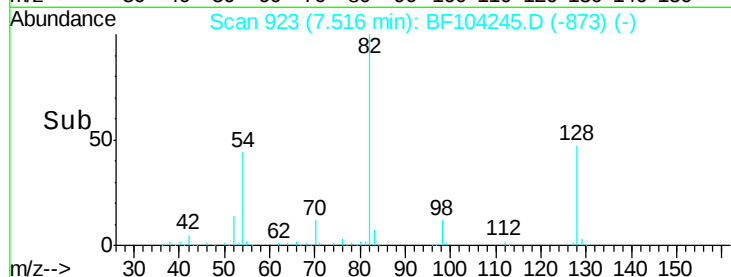
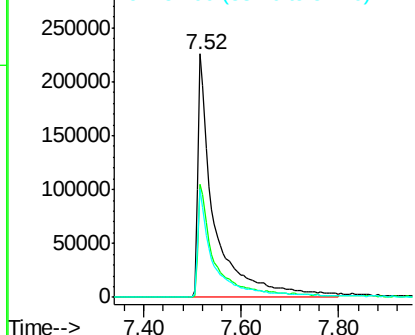
#23
Nitrobenzene-d5
Concen: 65.310 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104245.D
Acq: 5 Apr 2018 00:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-D02-D02A-E02-E02A

Tot Ion: 82 Resp: 539175
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 44.2 41.4 62.2

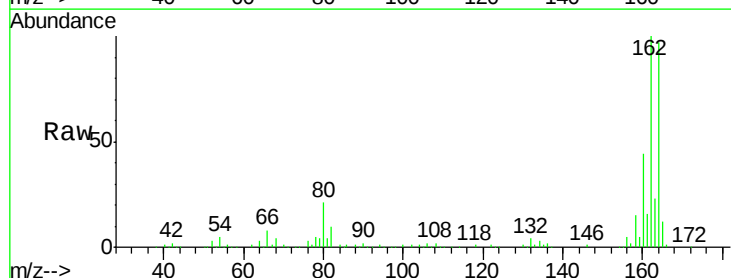


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

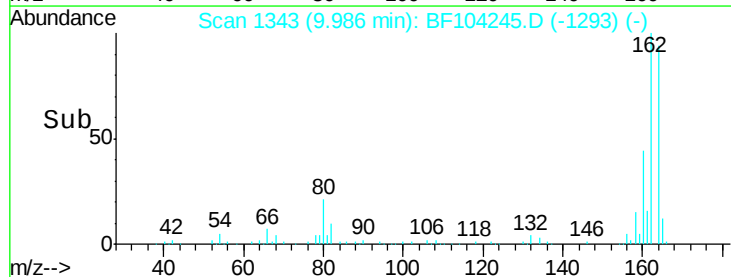
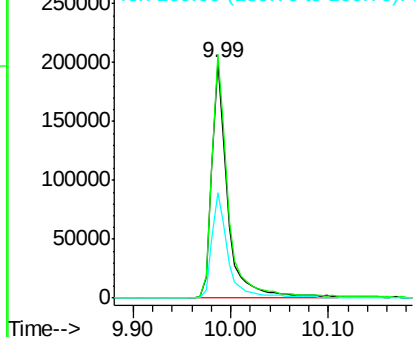


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104245.D
Acq: 5 Apr 2018 00:05

Tgt Ion: 164 Resp: 227561
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.0 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: 83.019 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D02-D02A-E02-E02A

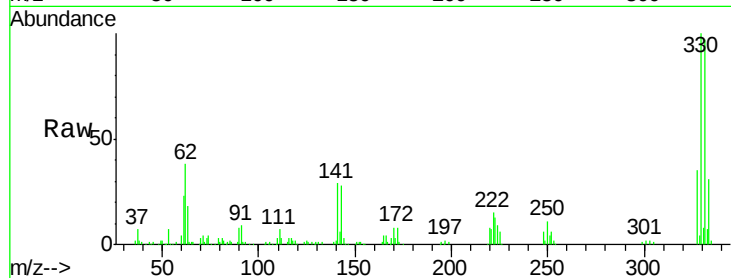
Tot Ion:330 Resp: 210361

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

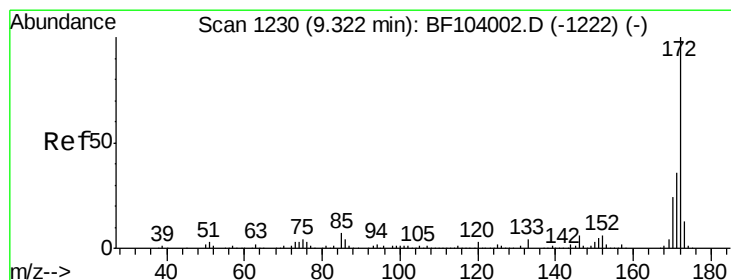
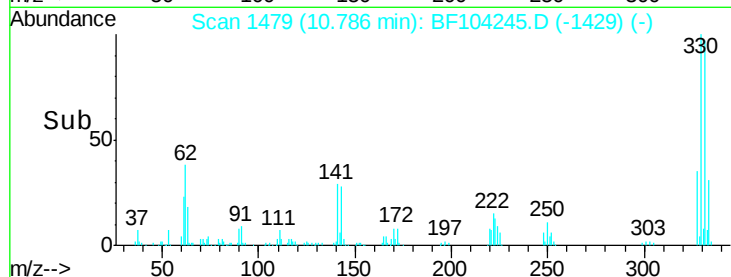
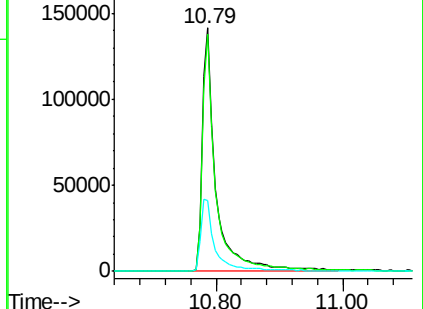
141 31.7 29.9 44.9



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: 70.542 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

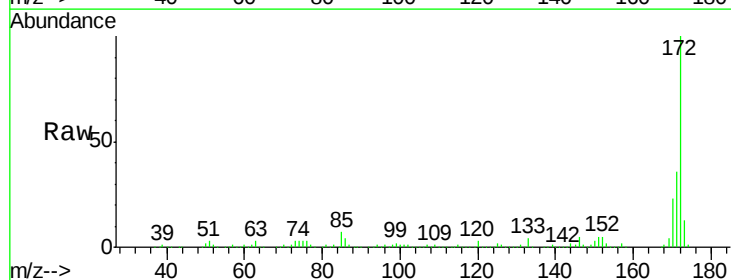
Tgt Ion:172 Resp: 1017974

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

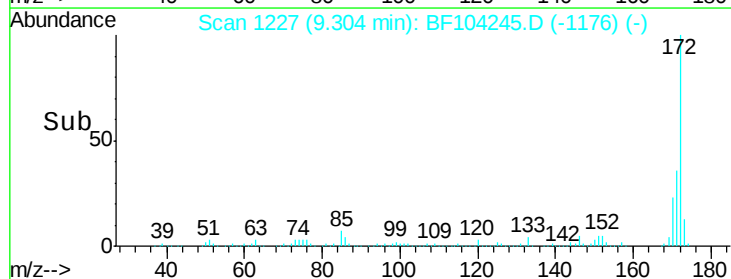
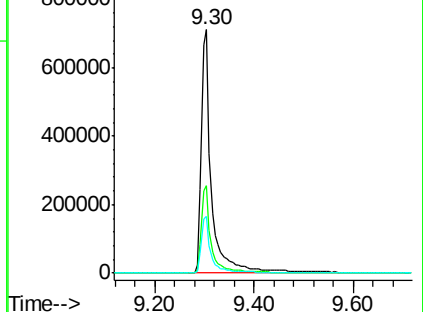
170 23.4 19.6 29.4

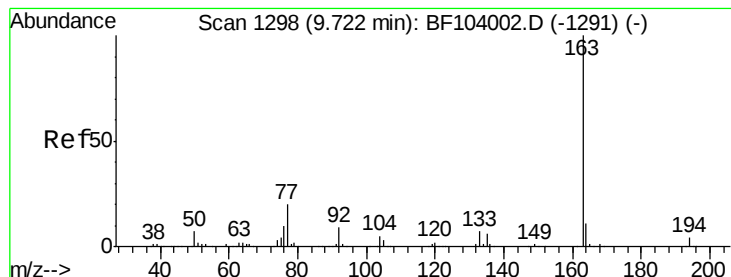


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.284 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D02-D02A-E02-E02A

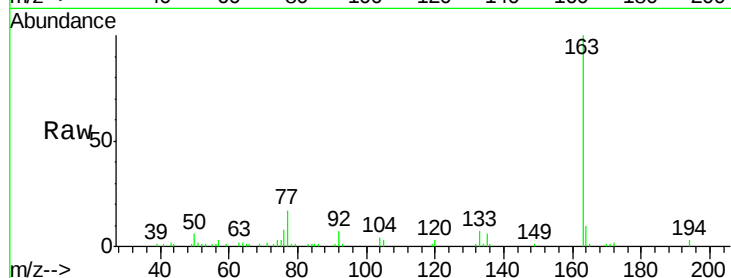
Tot Ion:163 Resp: 94937

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

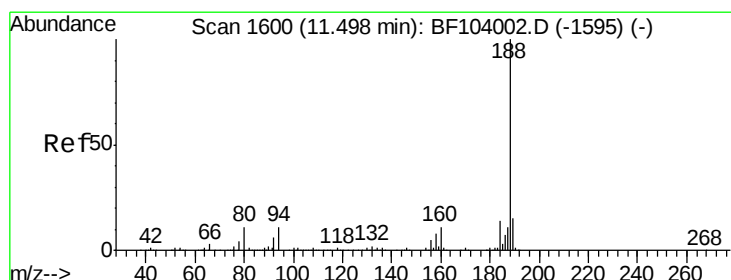
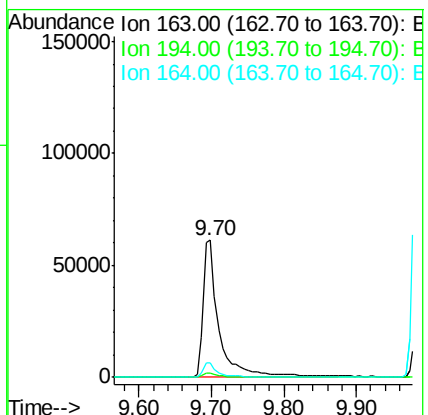
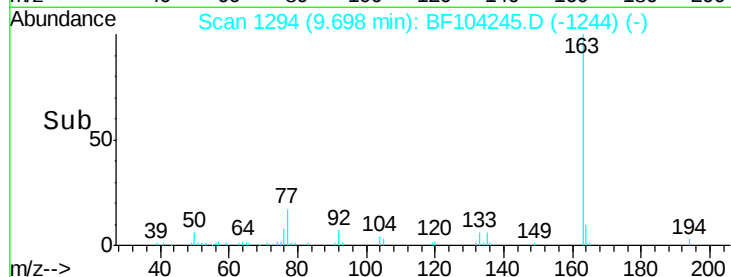
164 10.2 8.2 12.2



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: BF104245.D

Acq: 5 Apr 2018 00:05

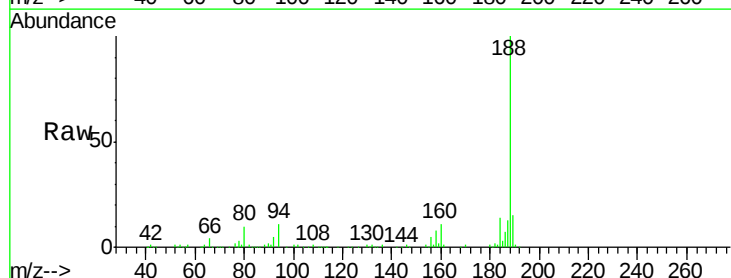
Tgt Ion:188 Resp: 372117

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

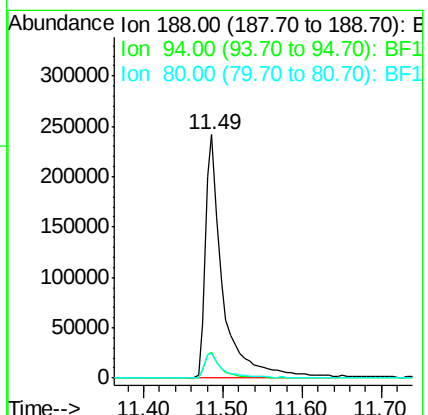
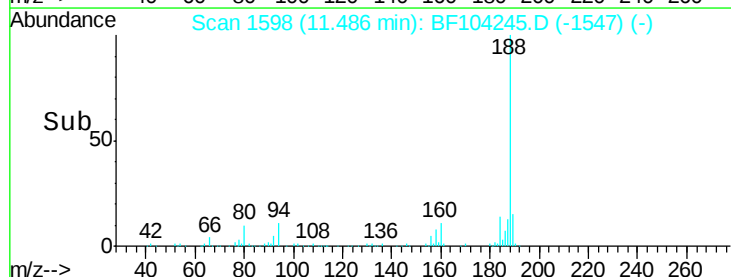
80 10.2 9.2 13.8

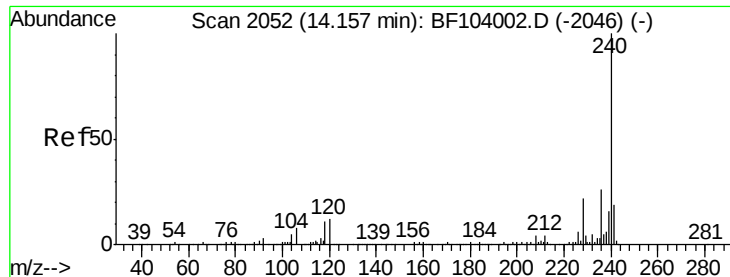


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF104245.D

Acq: 5 Apr 2018 00:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-D02-D02A-E02-E02A

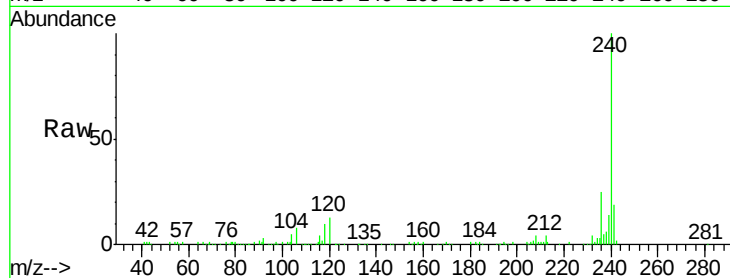
Tot Ion:240 Resp: 247036

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

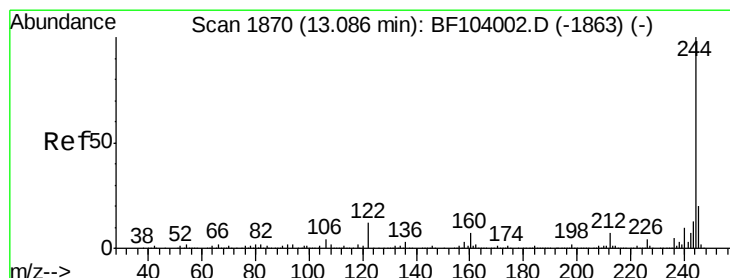
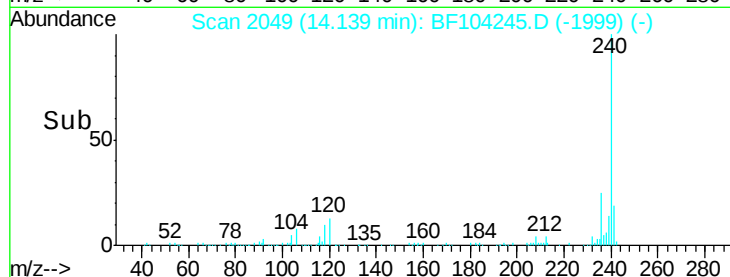
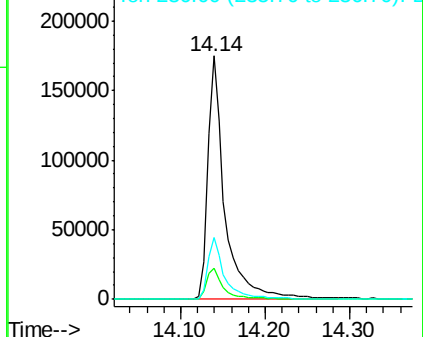
236 25.2 20.7 31.1



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: 72.305 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104245.D

Acq: 5 Apr 2018 00:05

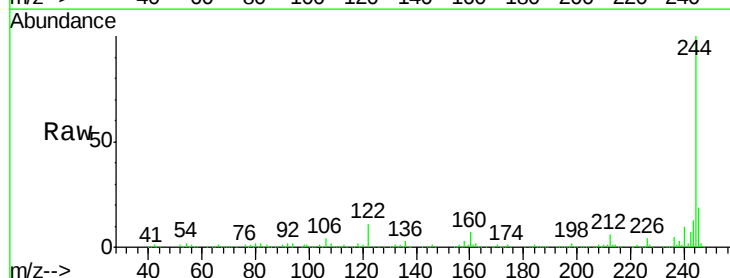
Tgt Ion:244 Resp: 773598

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

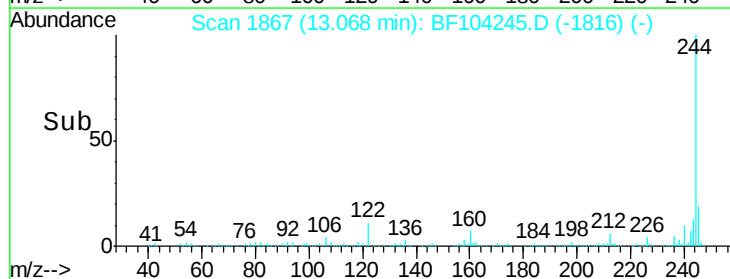
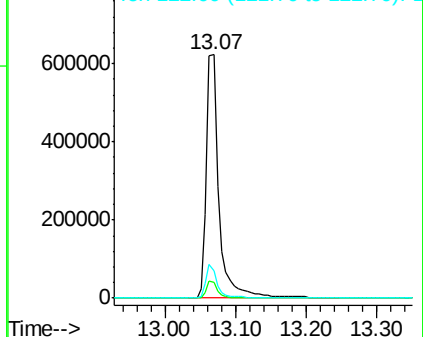
122 11.1 11.0 16.4

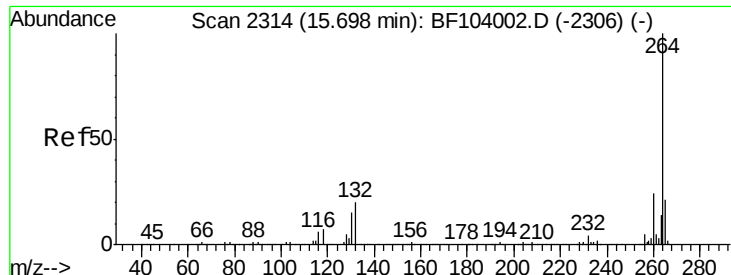


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

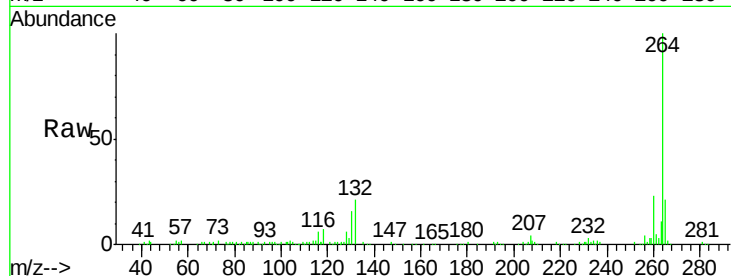




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104245.D
 Acq: 5 Apr 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-D02-D02A-E02-E02A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.7	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

