

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104647.D
 Acq On : 19 Apr 2018 23:50
 Operator : JU/SJ
 Sample : J2413-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B2-18-20

Quant Time: Apr 20 02:09:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

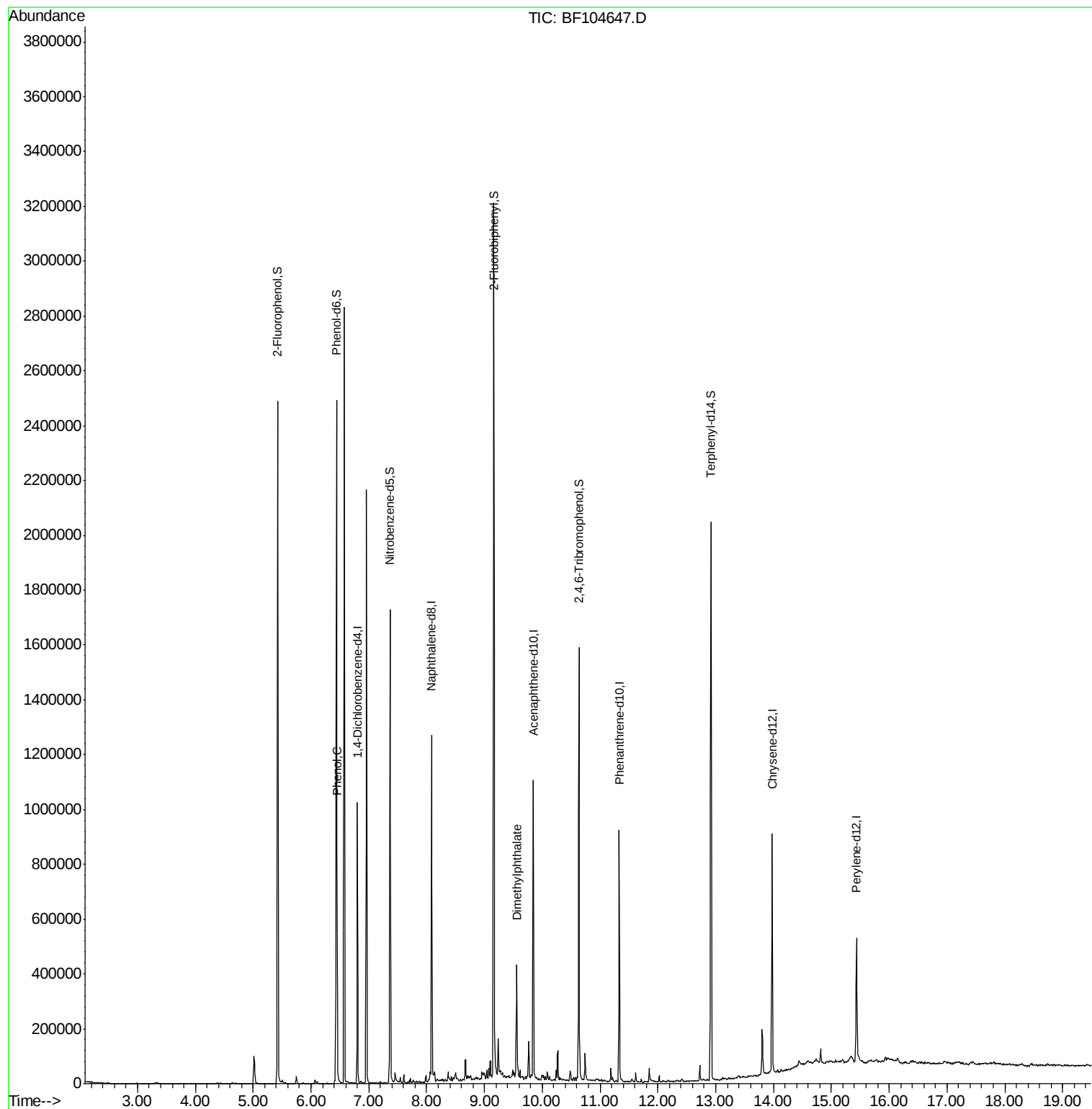
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139379	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	541636	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	226021	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	339892	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278571	20.00	ng	-0.01
86) Perylene-d12	15.44	264	213968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	764606	83.88	ng	0.00
7) Phenol-d6	6.45	99	927339	82.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	572372	69.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	190299	81.17	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	954192	66.69	ng	0.00
78) Terphenyl-d14	12.92	244	713850	58.42	ng	0.00
Target Compounds						
10) Phenol	6.46	94	34414	2.896	ng	94
49) Dimethylphthalate	9.56	163	134505	7.546	ng	100

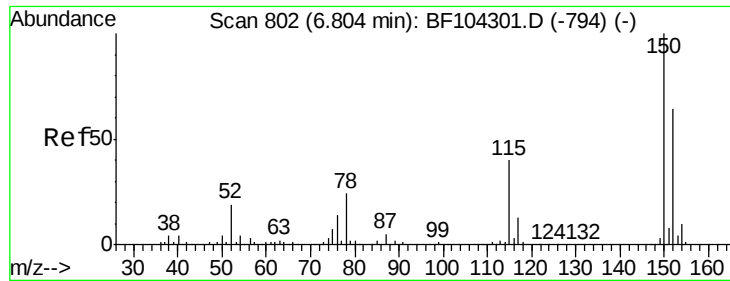
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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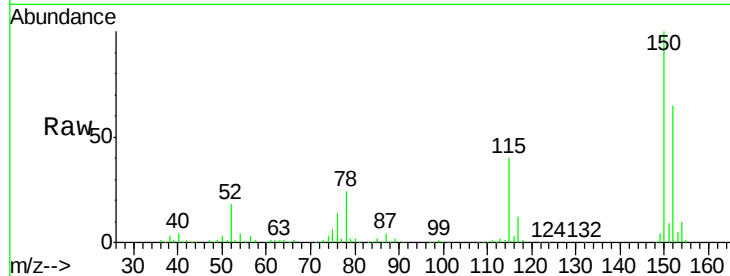


#1

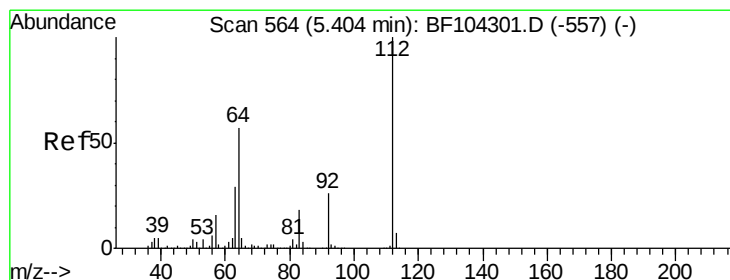
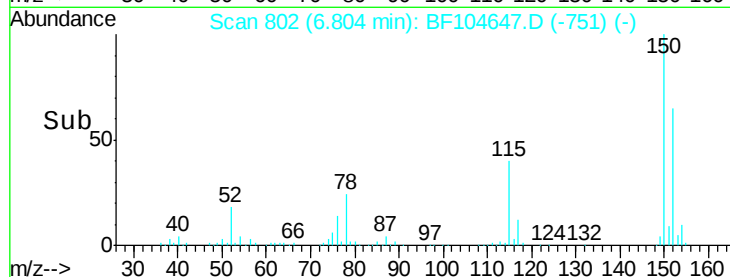
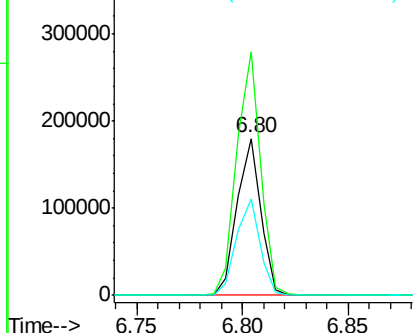
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :
COMP-B2-18-20

Tot Ion:152 Resp: 139379
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 61.7 50.1 75.1



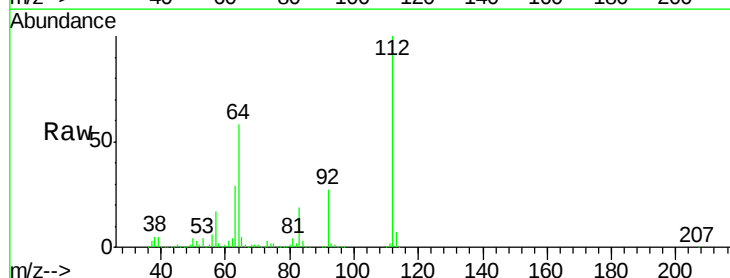
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



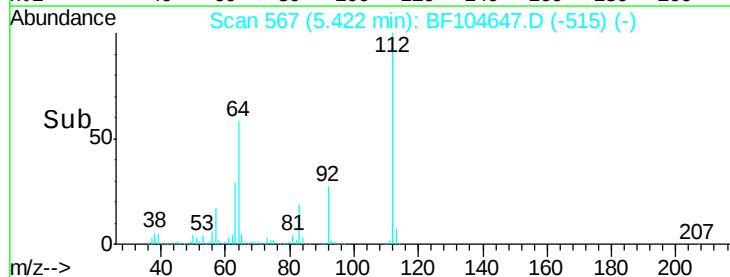
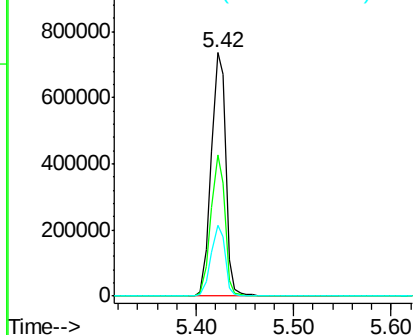
#5

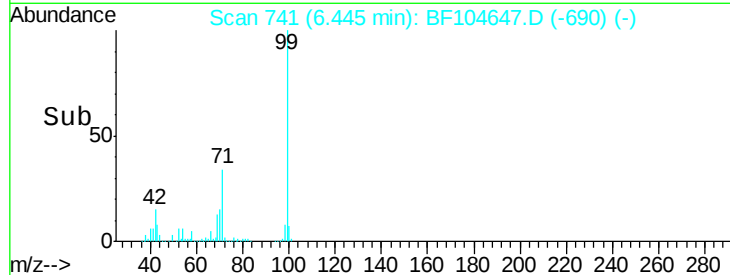
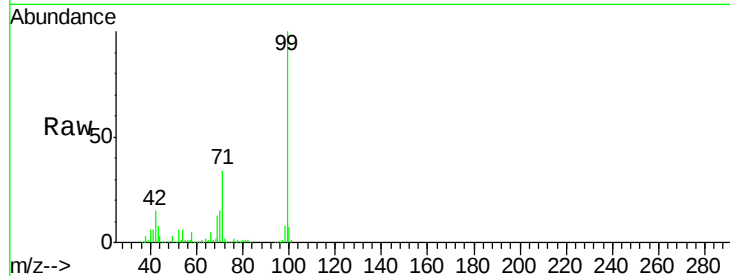
2-Fluorophenol
Concen: 83.881 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:112 Resp: 764606
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.0 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: 82.799 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104647.D

Acq: 19 Apr 2018 23:50

Instrument :

BNA_F

ClientSampleId :

COMP-B2-18-20

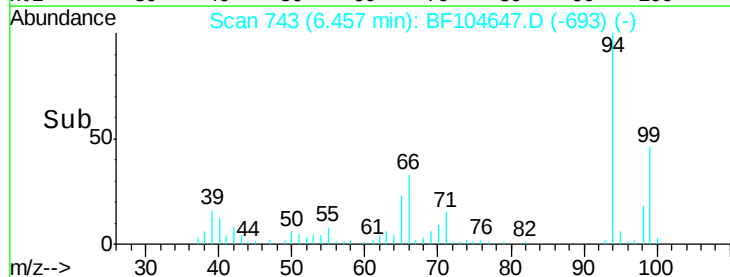
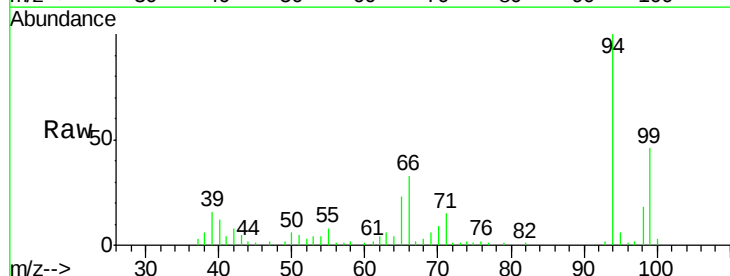
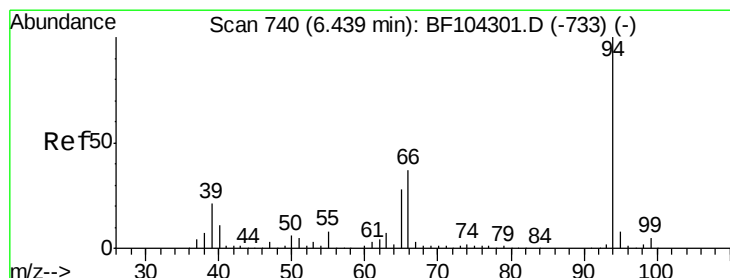
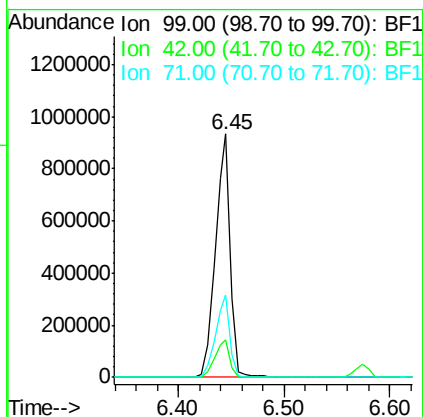
Tot Ion: 99 Resp: 927339

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 2.896 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104647.D

Acq: 19 Apr 2018 23:50

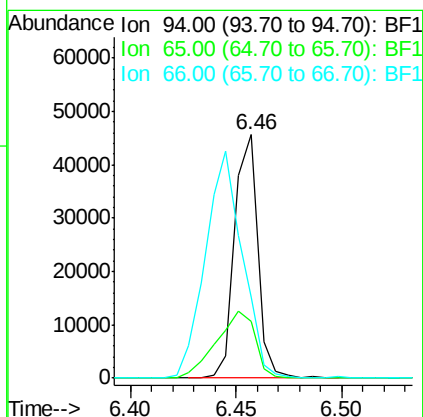
Tgt Ion: 94 Resp: 34414

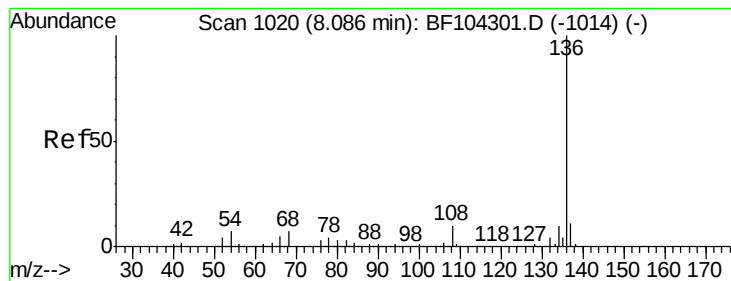
Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

66 33.5 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104647.D

Acq: 19 Apr 2018 23:50

Instrument :

BNA_F

ClientSampleId :

COMP-B2-18-20

Tot Ion:136 Resp: 541636

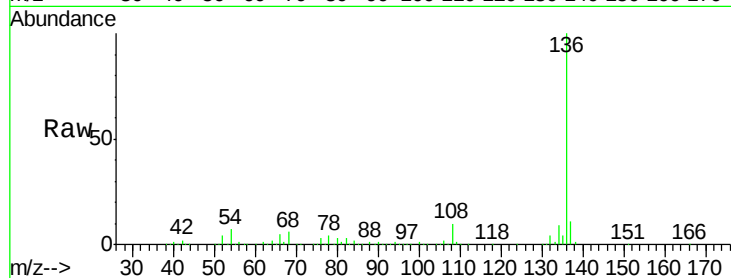
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 6.0 5.0 7.4

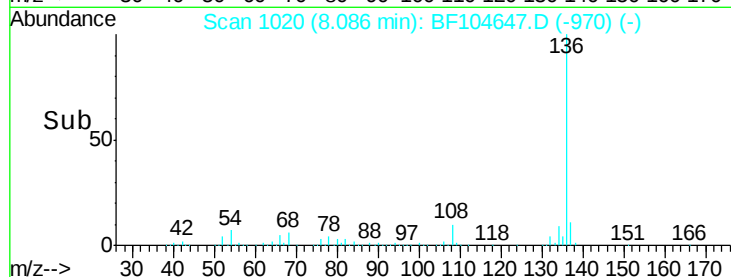


Abundance Ion 136.00 (135.70 to 136.70): E

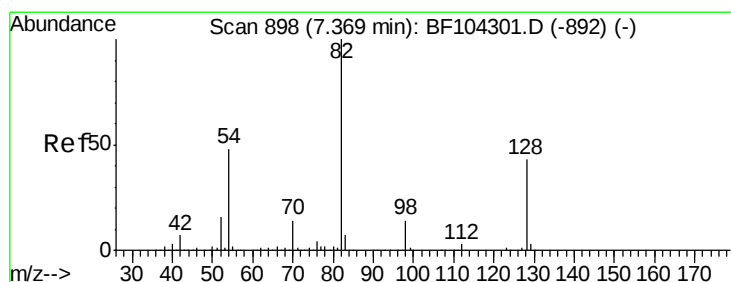
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 69.004 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104647.D

Acq: 19 Apr 2018 23:50

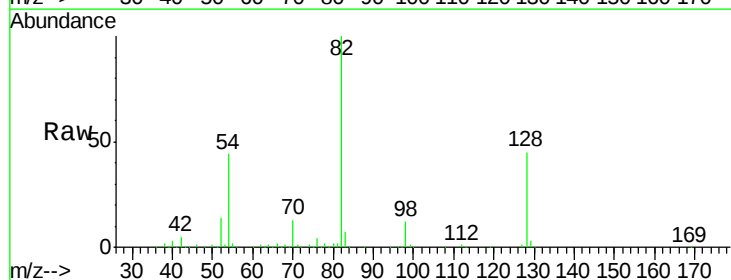
Tgt Ion: 82 Resp: 572372

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

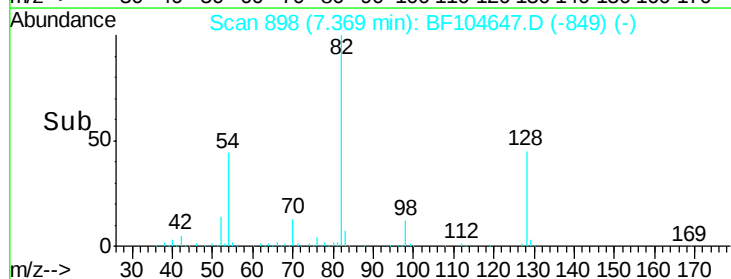
54 44.4 41.4 62.2



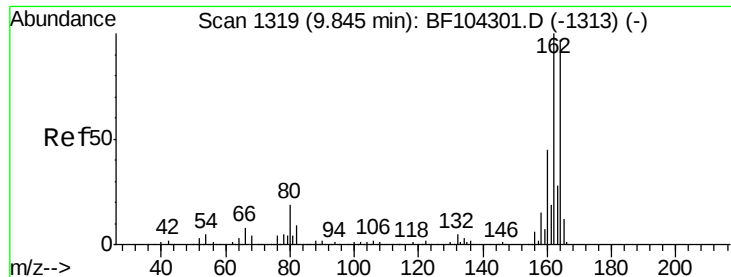
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



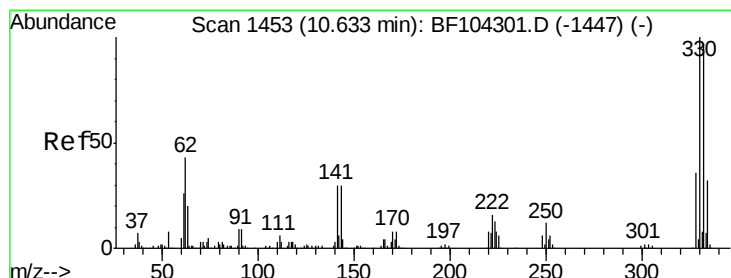
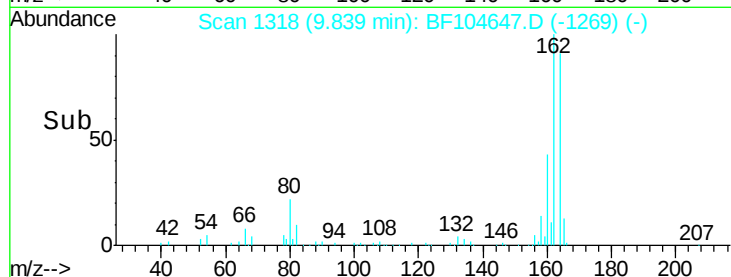
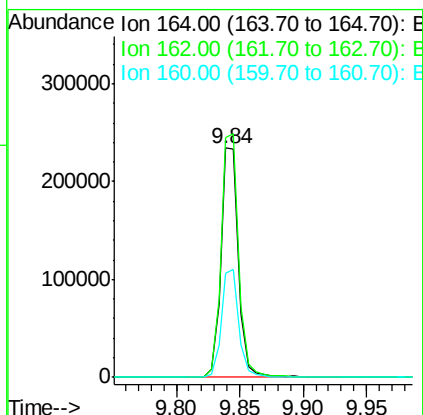
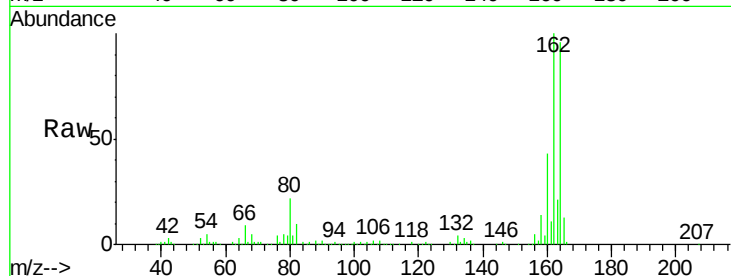
Time-->



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104647.D
 Acq: 19 Apr 2018 23:50

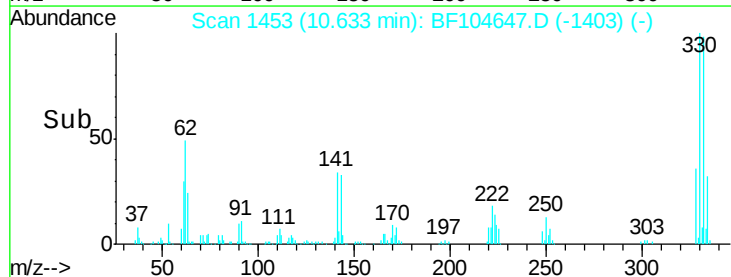
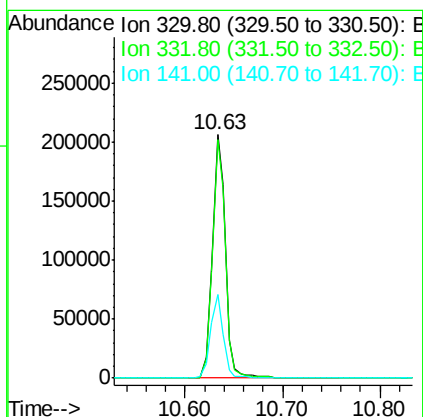
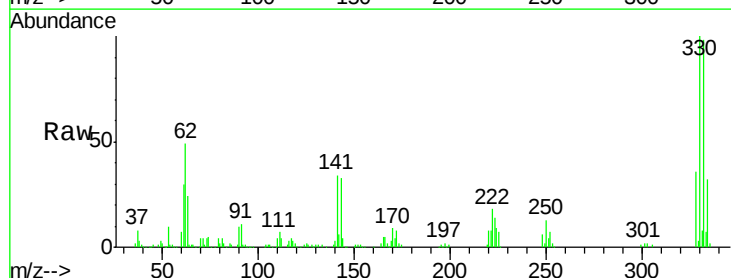
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B2-18-20

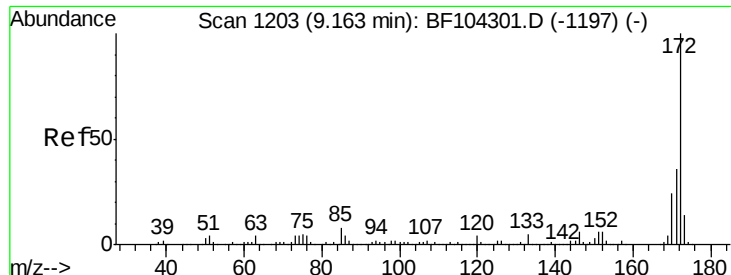
Tot Ion:164 Resp: 226021
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.166 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104647.D
 Acq: 19 Apr 2018 23:50

Tgt Ion:330 Resp: 190299
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 33.6 29.9 44.9

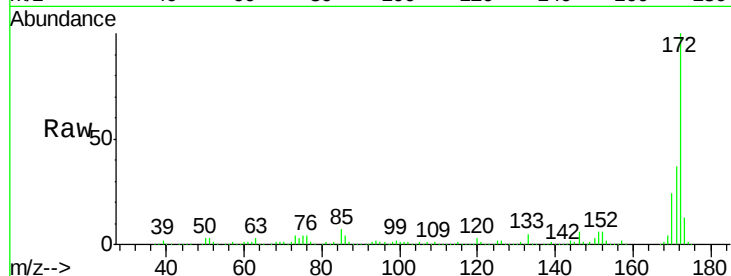




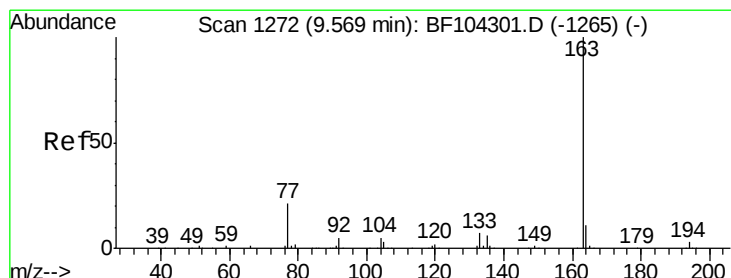
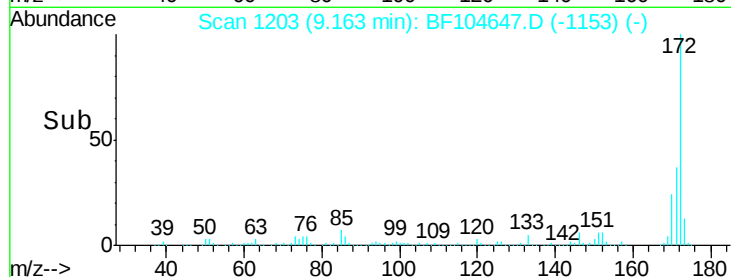
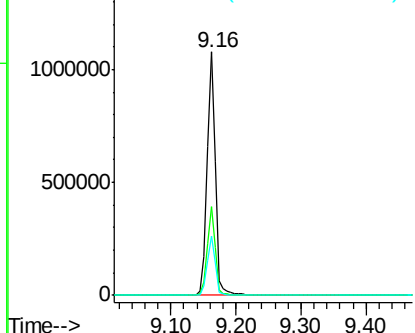
#44
2-Fluorobiphenyl
Concen: 66.692 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Instrument :
BNA_F
ClientSampleId :
COMP-B2-18-20

Tot Ion:172 Resp: 954192
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.4 19.6 29.4

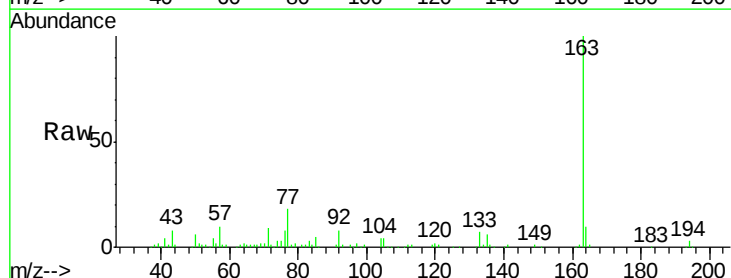


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

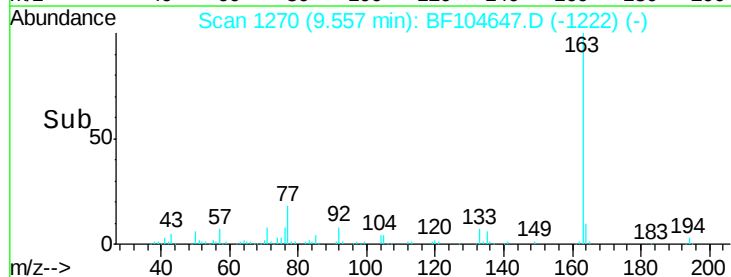
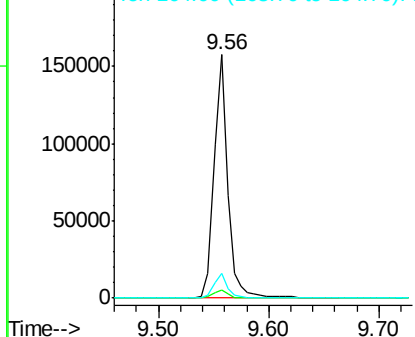


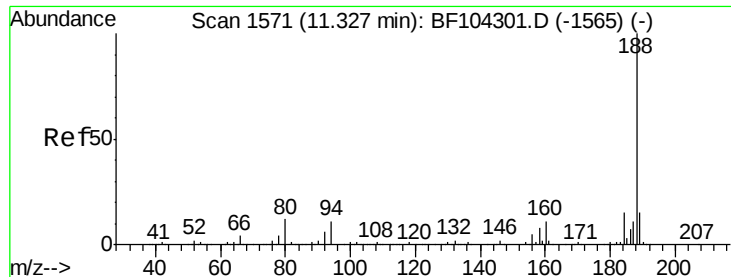
#49
Dimethylphthalate
Concen: 7.546 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104647.D
Acq: 19 Apr 2018 23:50

Tgt Ion:163 Resp: 134505
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104647.D

Acq: 19 Apr 2018 23:50

Instrument :

BNA_F

ClientSampleId :

COMP-B2-18-20

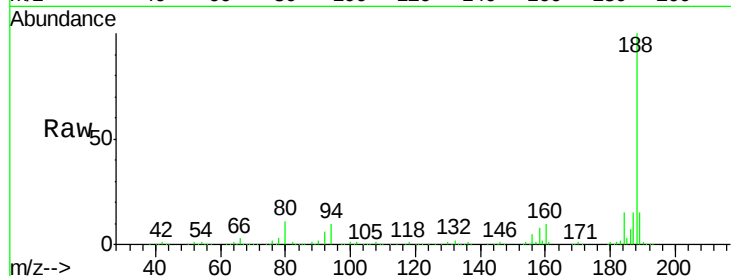
Tot Ion:188 Resp: 339892

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

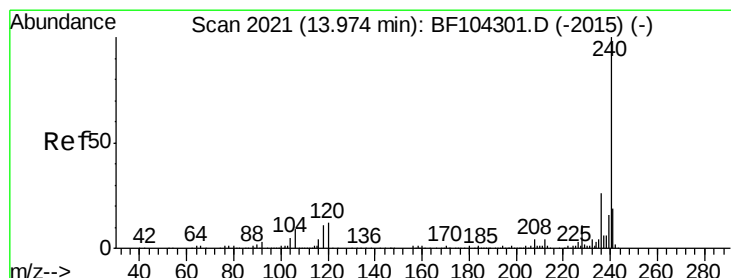
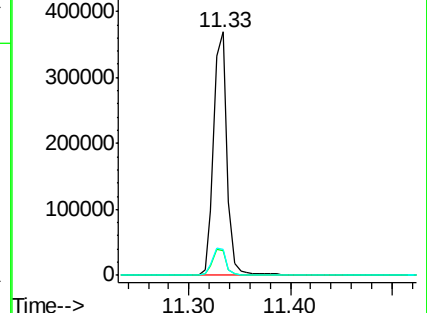
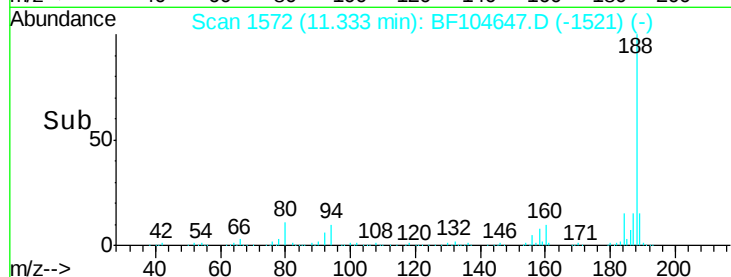
80 10.8 9.2 13.8



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104647.D

Acq: 19 Apr 2018 23:50

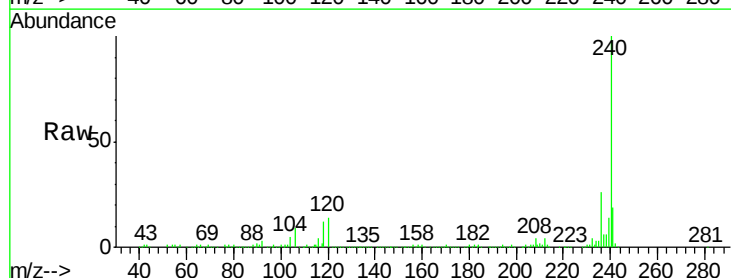
Tgt Ion:240 Resp: 278571

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

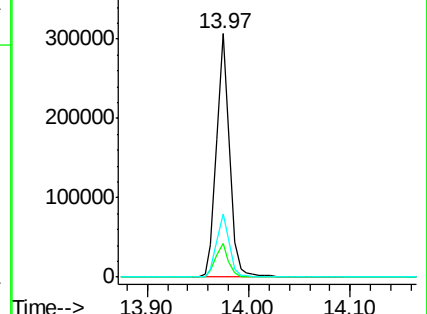
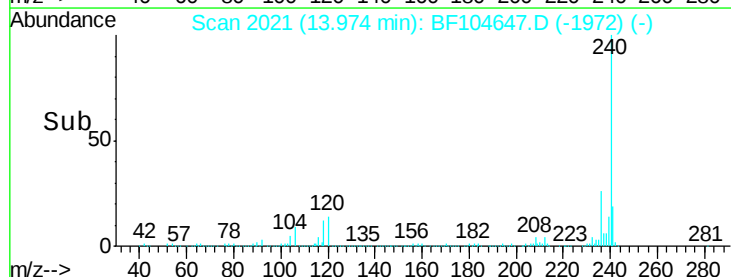
236 26.0 20.7 31.1

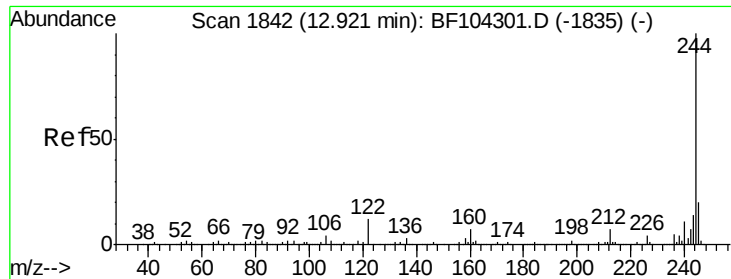


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

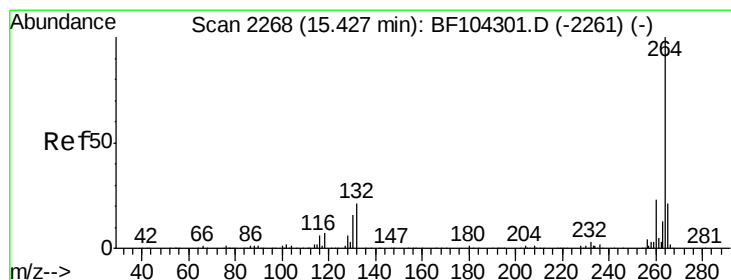
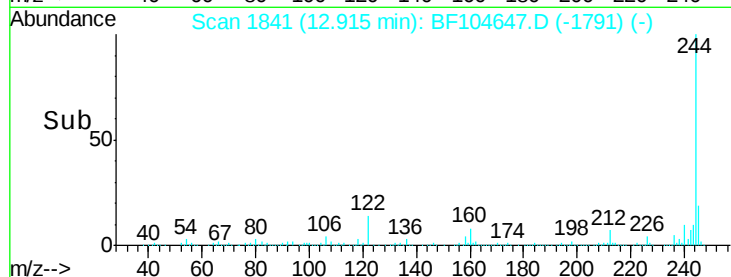
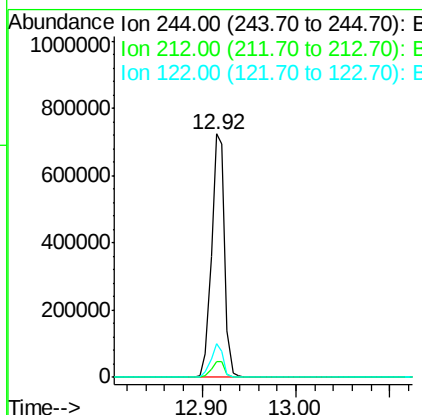
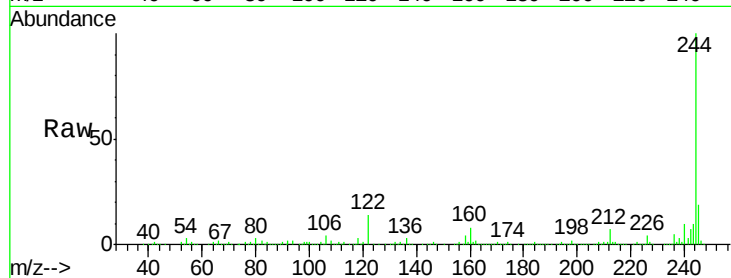




#78
 Terphenyl-d14
 Concen: 58.422 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104647.D
 Acq: 19 Apr 2018 23:50

Instrument :
 BNA_F
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 COMP-B2-18-20

Tot Ion:244 Resp: 713850
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104647.D
 Acq: 19 Apr 2018 23:50

Tgt Ion:264 Resp: 213968
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.7 17.5 26.3

