

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104584.D
 Acq On : 18 Apr 2018 1:27
 Operator : JU/SJ
 Sample : J2410-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Quant Time: Apr 18 03:15:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

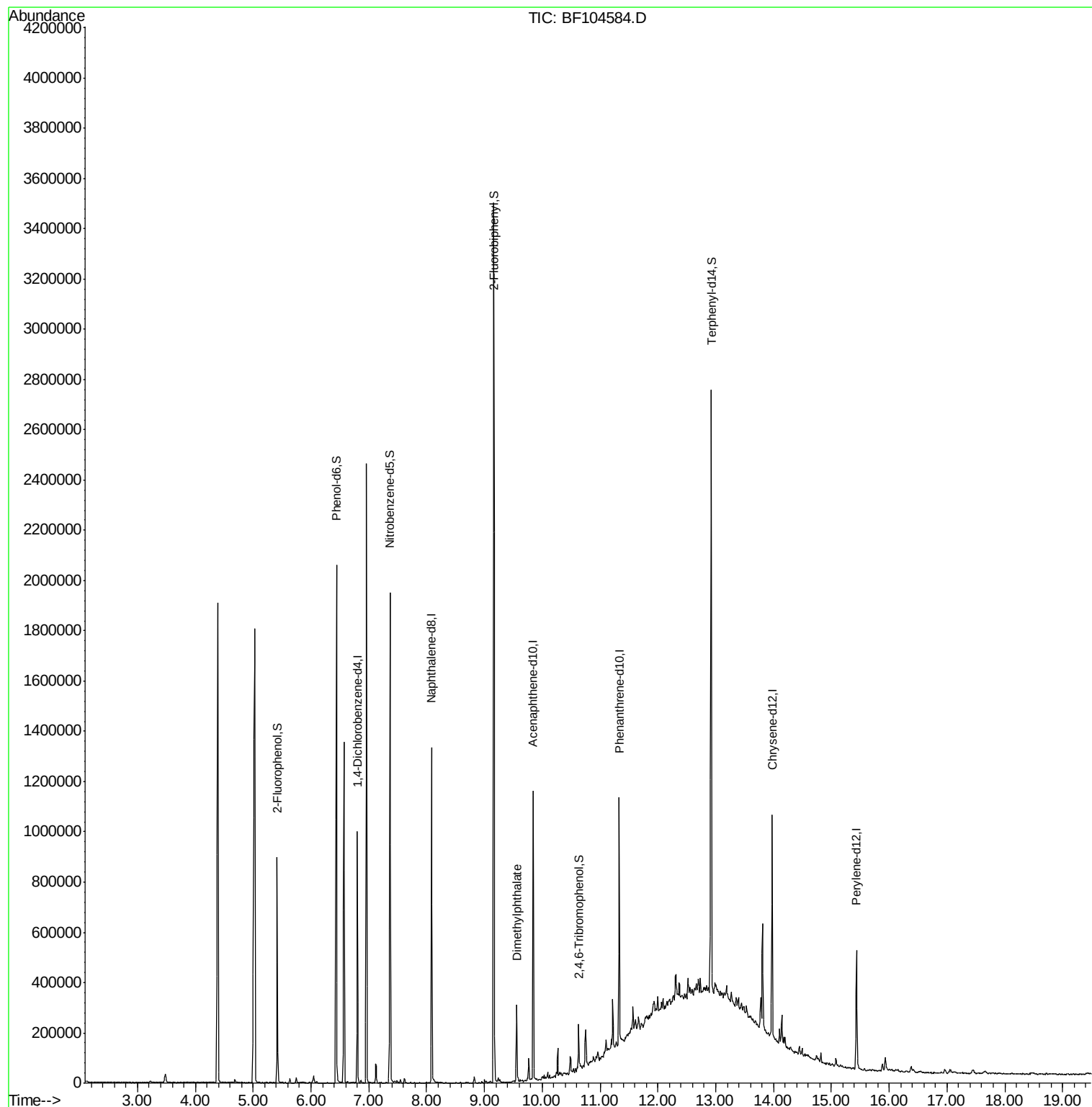
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143033	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572084	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	236872	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	350875	20.00	ng	0.00
75) Chrysene-d12	13.97	240	279419	20.00	ng	0.00
86) Perylene-d12	15.43	264	211977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	242504	25.92	ng	0.00
7) Phenol-d6	6.44	99	774921	67.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	646244	73.76	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	21353	8.69	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1086040	72.43	ng	0.00
78) Terphenyl-d14	12.92	244	805974	65.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	114027	6.104	ng	Qvalue 100

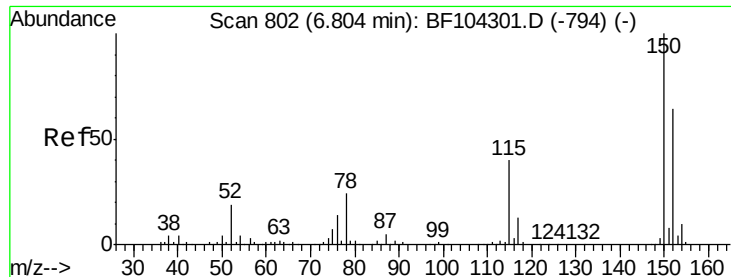
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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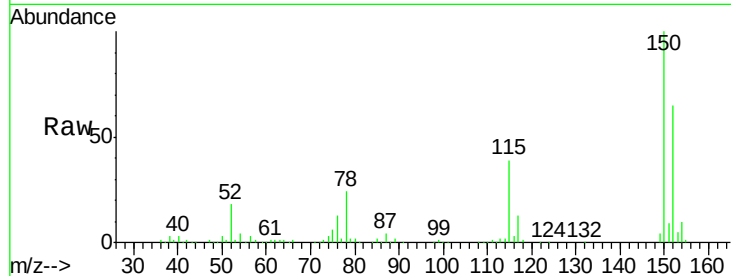


#1

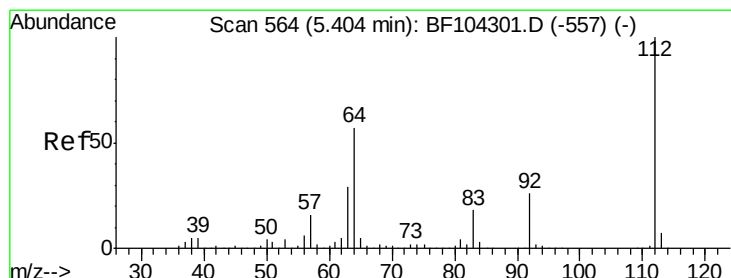
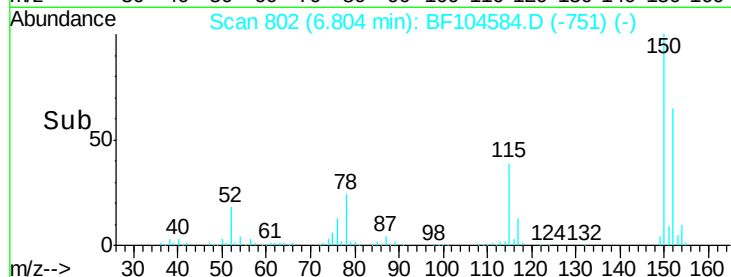
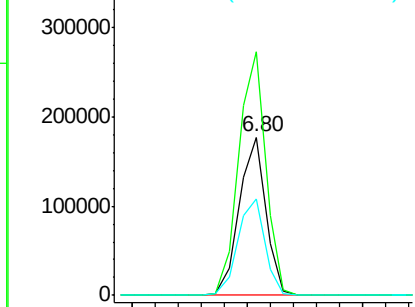
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Instrument :
BNA_F
ClientSampleId :
T-3

Tot Ion:152 Resp: 143033
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 60.6 50.1 75.1



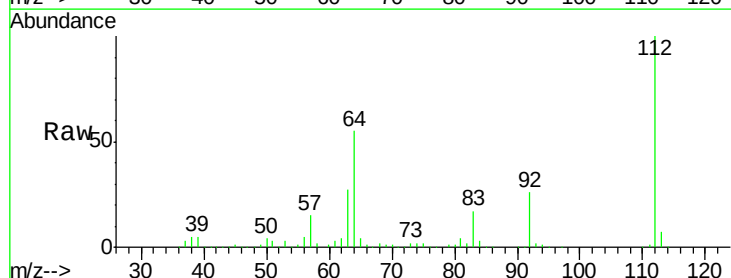
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



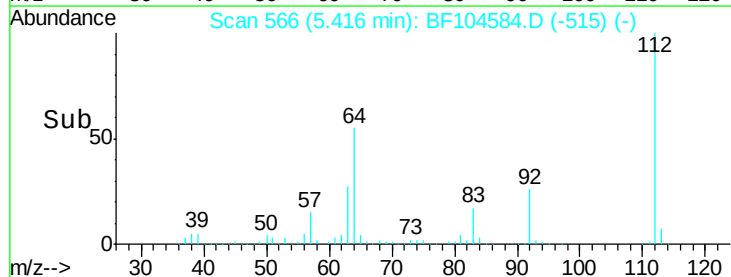
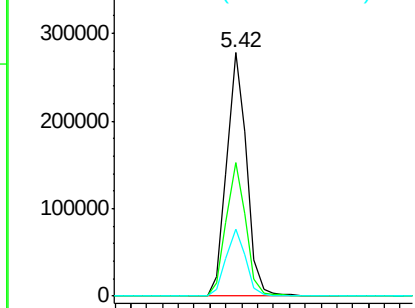
#5

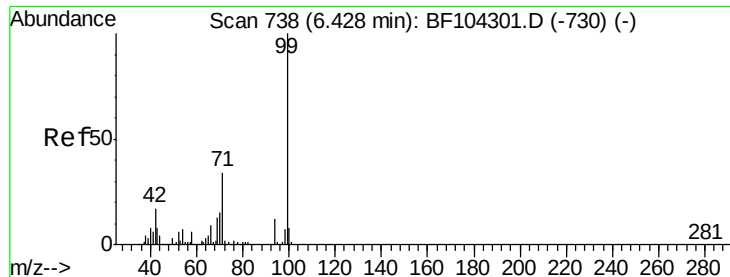
2-Fluorophenol
Concen: 25.924 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Tgt Ion:112 Resp: 242504
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.4 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: 67.423 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampled :

T-3

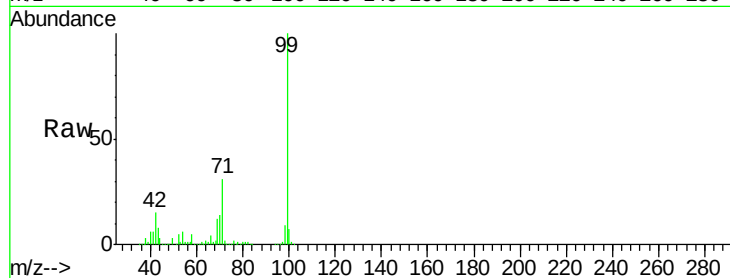
Tot Ion: 99 Resp: 774921

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

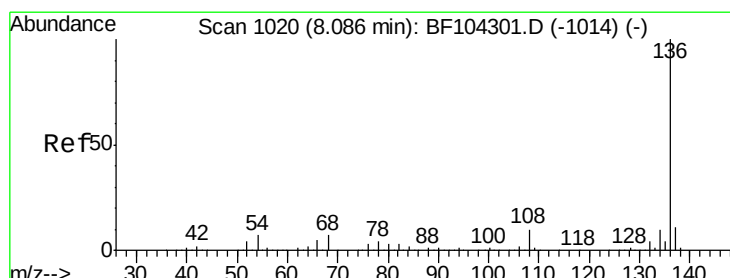
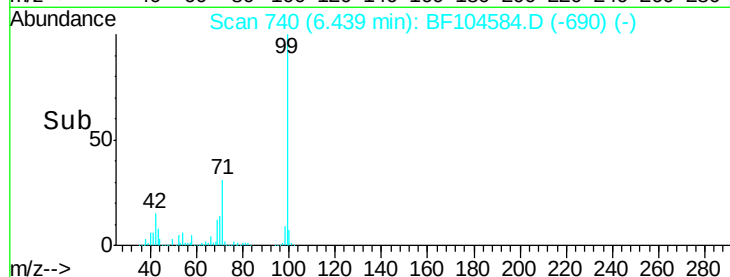
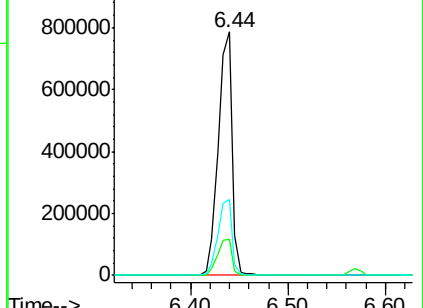
71 31.2 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Tgt Ion: 136 Resp: 572084

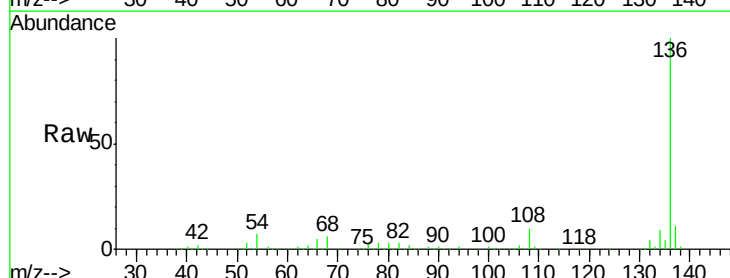
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 6.1 5.0 7.4

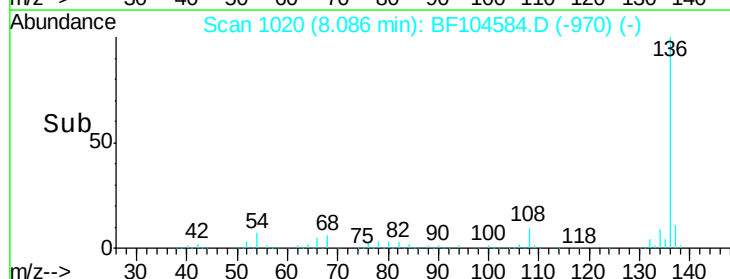
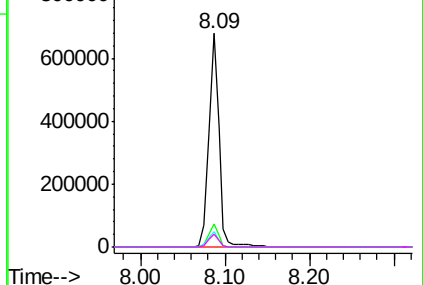


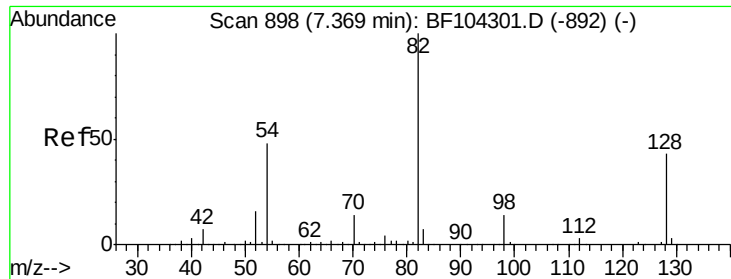
Abundance Ion 136.00 (135.70 to 136.70): E

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

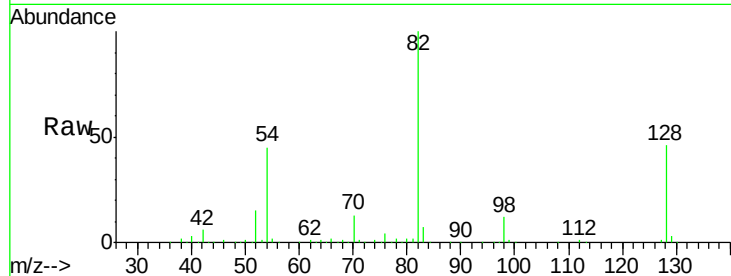




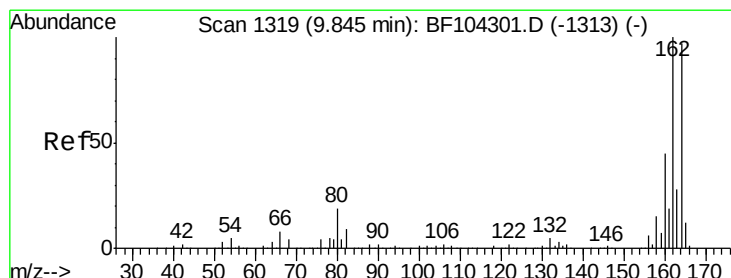
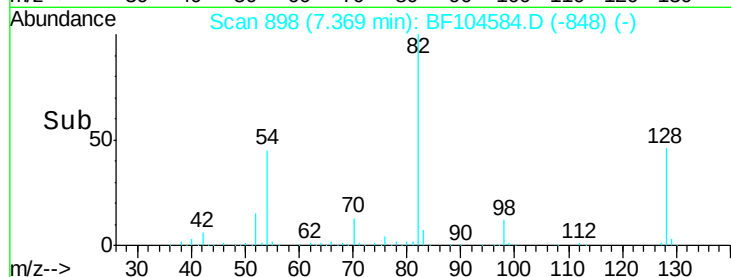
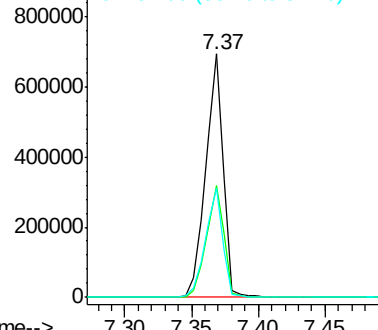
#23
 Nitrobenzene-d5
 Concen: 73.763 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104584.D
 Acq: 18 Apr 2018 1:27

Instrument :
 BNA_F
 ClientSampled :
 T-3

Tot Ion: 82 Resp: 646244
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 44.8 41.4 62.2

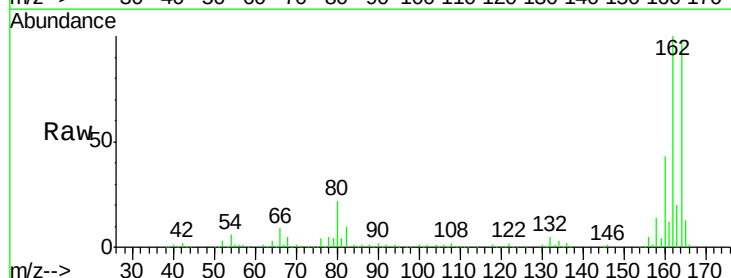


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

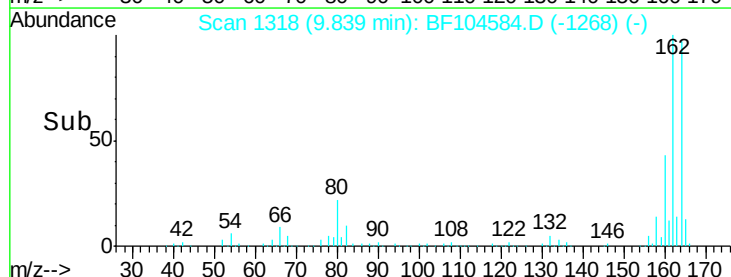
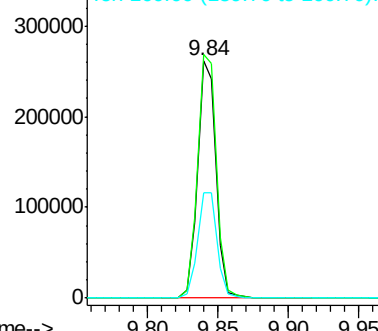


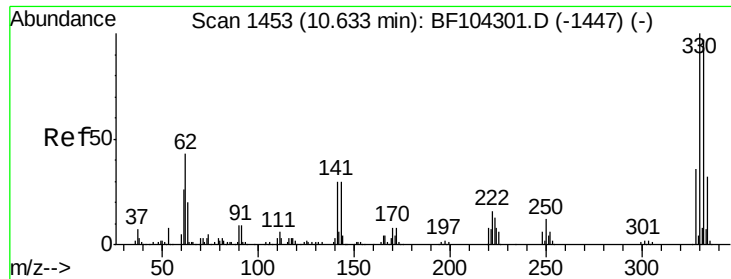
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104584.D
 Acq: 18 Apr 2018 1:27

Tgt Ion: 164 Resp: 236872
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 44.5 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

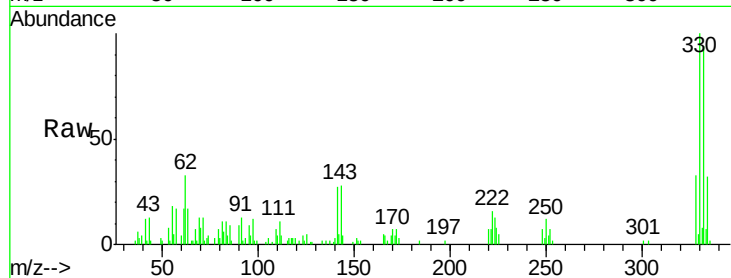




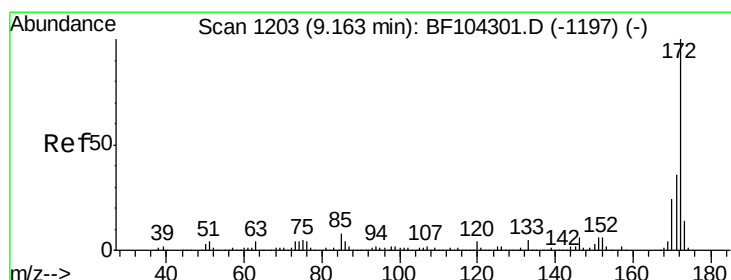
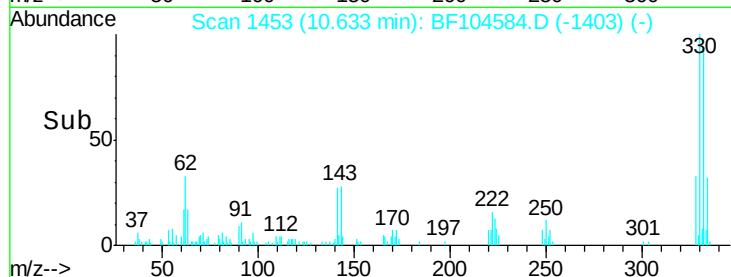
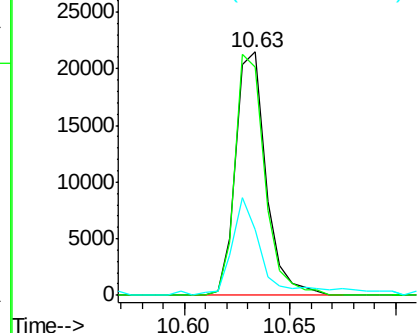
#41
 2,4,6-Tribromophenol
 Concen: 8.690 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104584.D
 Acq: 18 Apr 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	42.5	29.9	44.9

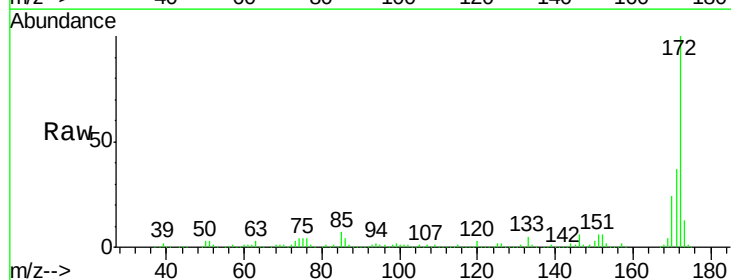


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

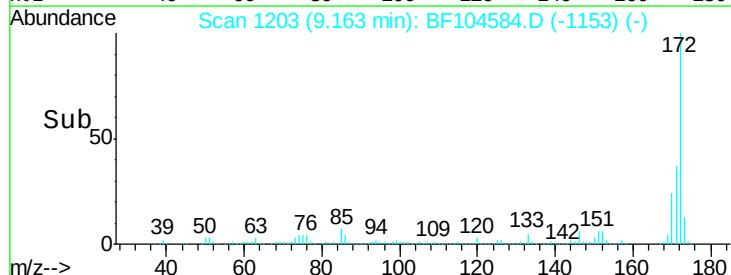
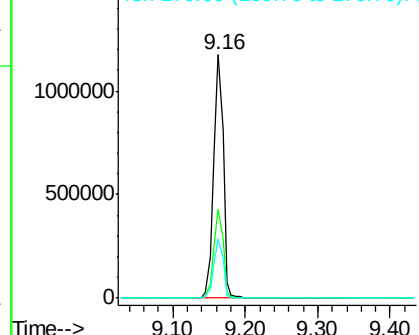


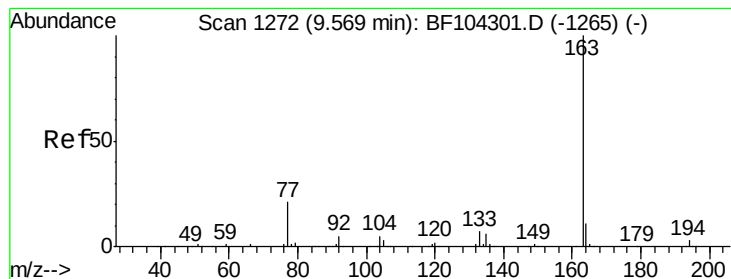
#44
 2-Fluorobiphenyl
 Concen: 72.430 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104584.D
 Acq: 18 Apr 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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: 6.104 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampleId :

T-3

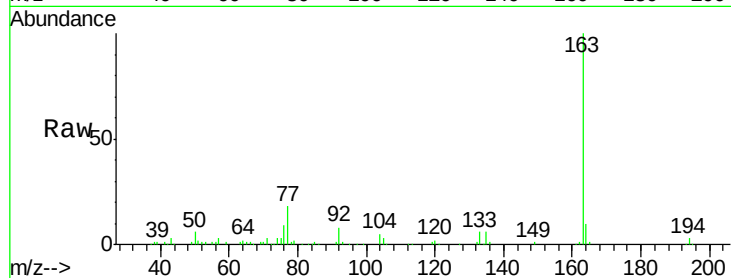
Tot Ion:163 Resp: 114027

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

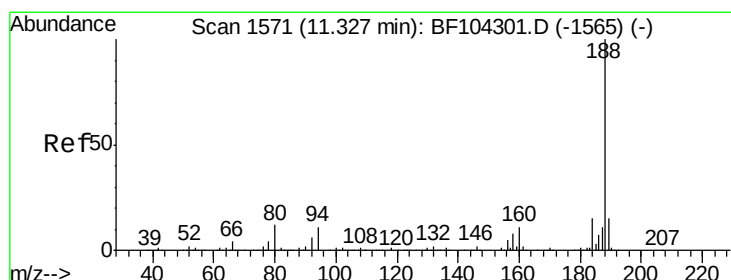
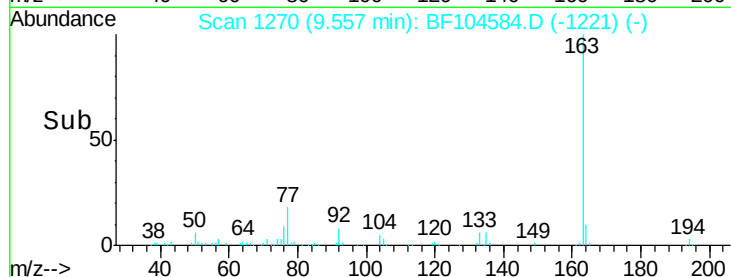
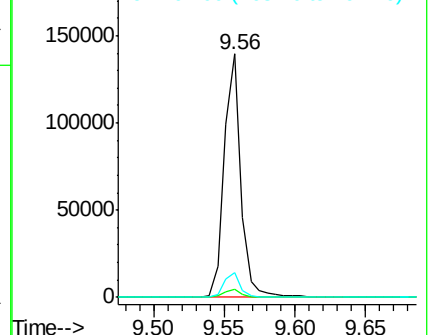
164 10.0 8.2 12.2



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# 1571

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

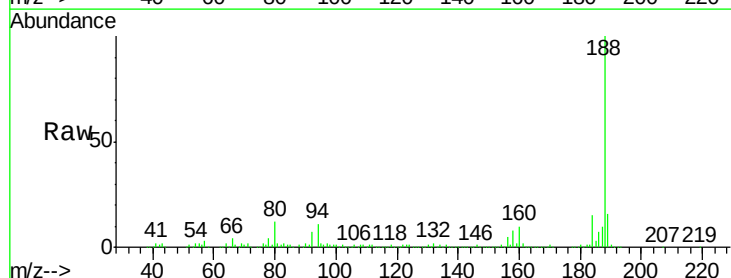
Tgt Ion:188 Resp: 350875

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

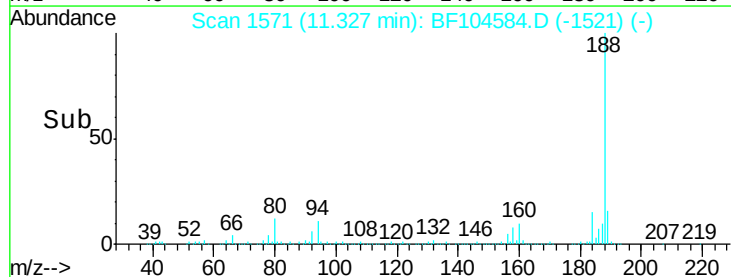
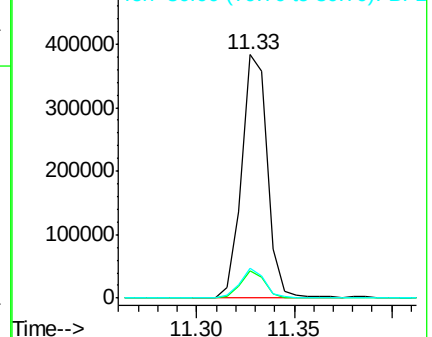
80 12.2 9.2 13.8

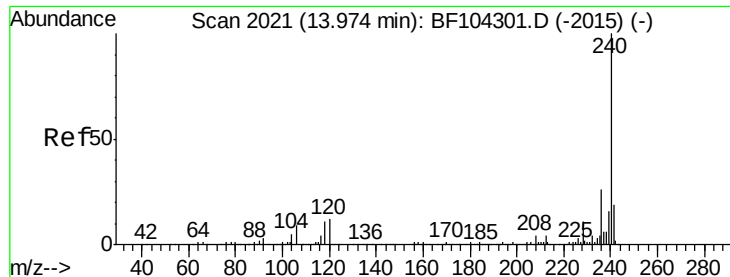


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

Instrument :

BNA_F

ClientSampleId :

T-3

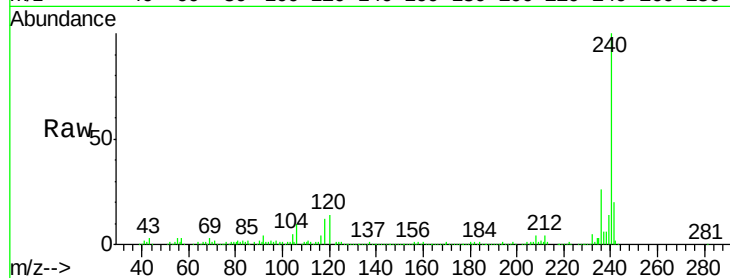
Tot Ion:240 Resp: 279419

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

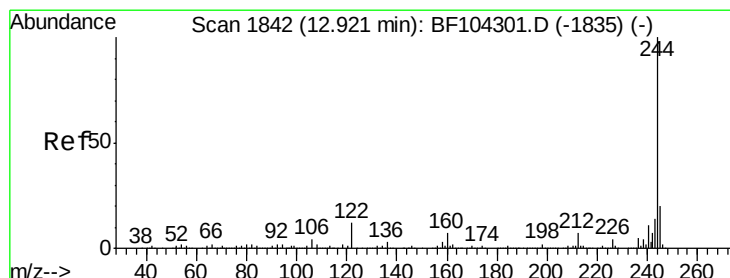
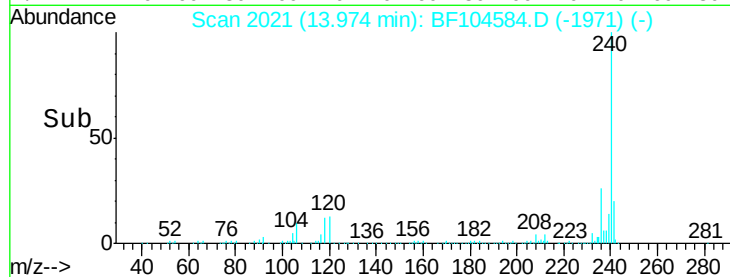
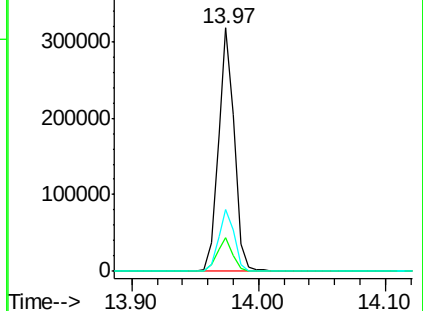
236 25.6 20.7 31.1



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: 65.761 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104584.D

Acq: 18 Apr 2018 1:27

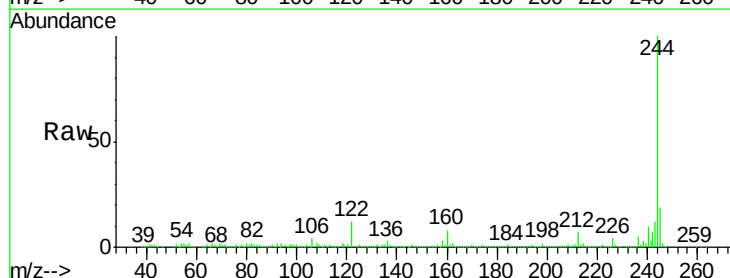
Tgt Ion:244 Resp: 805974

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

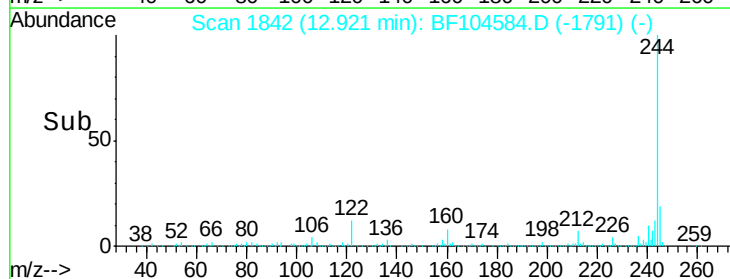
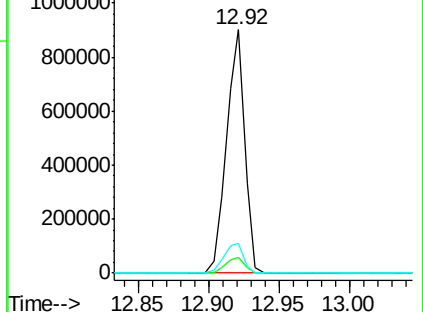
122 12.3 11.0 16.4

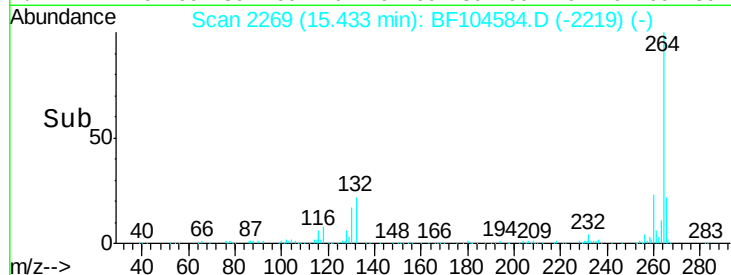
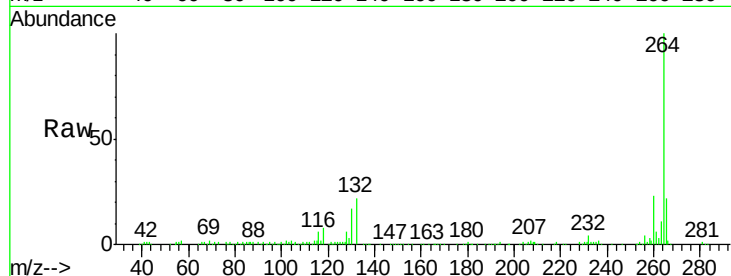
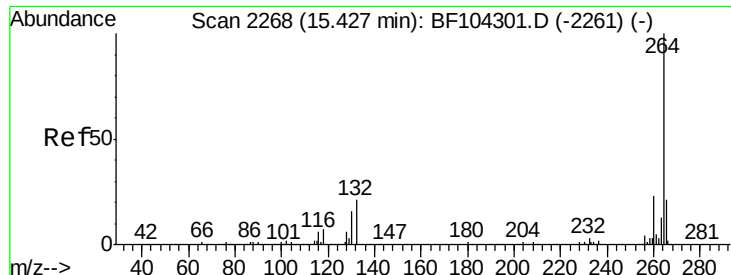


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104584.D
Acq: 18 Apr 2018 1:27

Instrument :
BNA_F
ClientSampleId :
T-3

Tot Ion:	264	Resp:	211977
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.3	17.5	26.3

