

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104664.D
 Acq On : 20 Apr 2018 8:18
 Operator : JU/SJ
 Sample : J2447-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-321

Quant Time: Apr 20 08:50:38 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

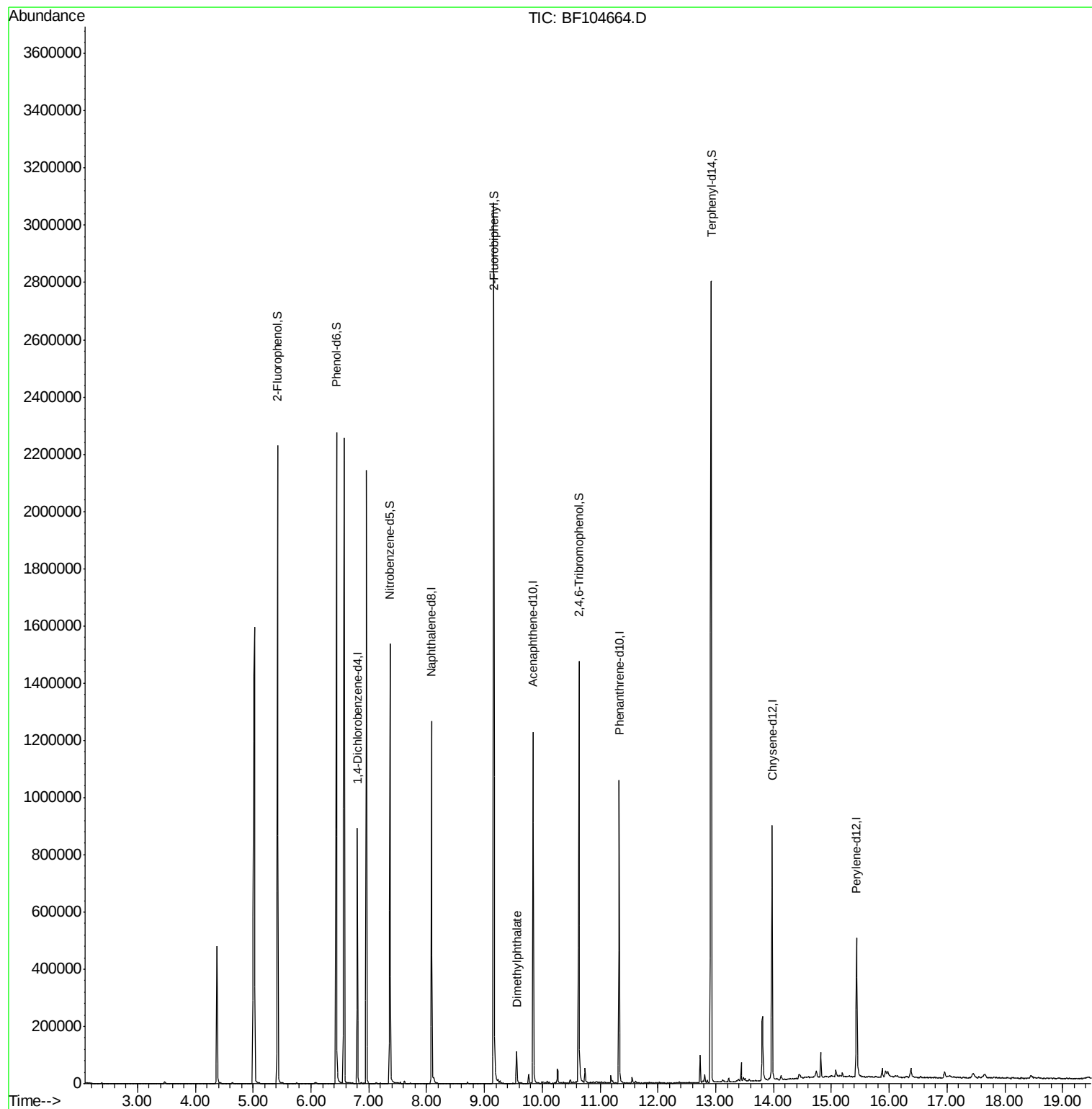
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139047	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	563869	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	240775	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	375415	20.00	ng	0.00
75) Chrysene-d12	13.97	240	291758	20.00	ng	-0.01
86) Perylene-d12	15.44	264	235085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	618096	67.97	ng	0.00
7) Phenol-d6	6.44	99	825033	73.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	523875	60.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	197312	79.00	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	972758	63.82	ng	0.00
78) Terphenyl-d14	12.92	244	1054310	82.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	55110	2.903	ng	Qvalue 99

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

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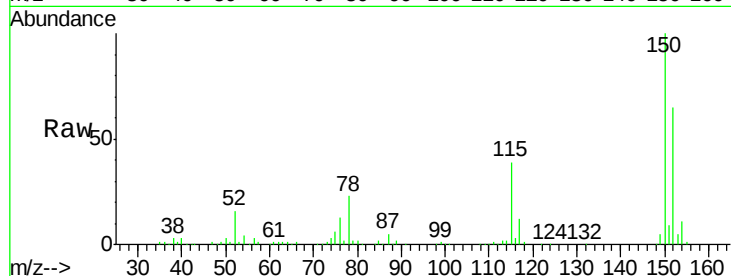


#1

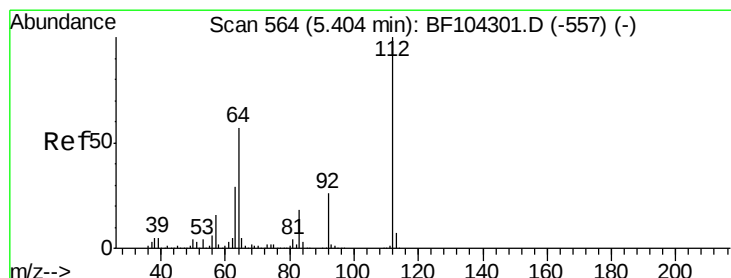
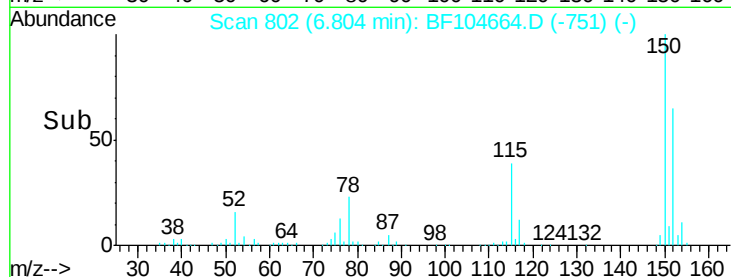
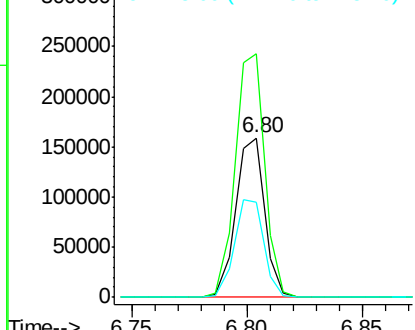
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104664.D
Acq: 20 Apr 2018 8:18

Instrument :
BNA_F
ClientSampleId :
MH-321

Tot Ion:152 Resp: 139047
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 59.9 50.1 75.1



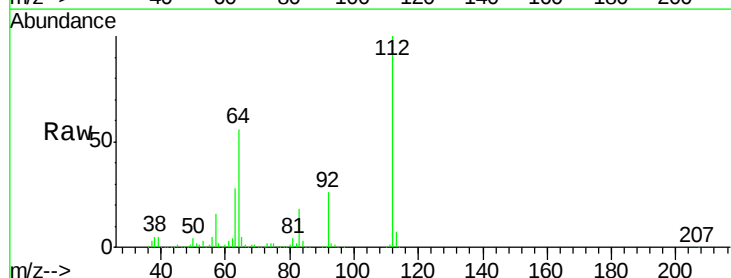
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



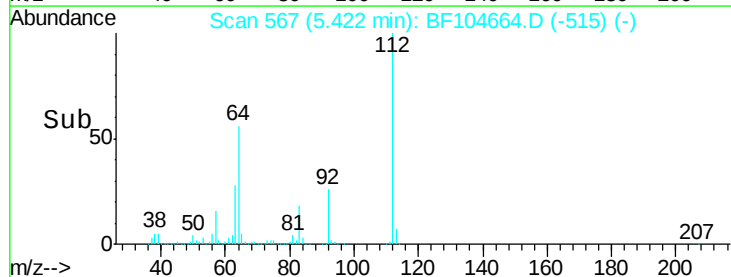
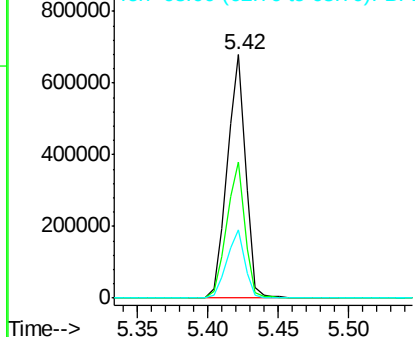
#5

2-Fluorophenol
Concen: 67.970 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104664.D
Acq: 20 Apr 2018 8:18

Tgt Ion:112 Resp: 618096
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.2 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: 73.841 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104664.D

Acq: 20 Apr 2018 8:18

Instrument :

BNA_F

ClientSampleId :

MH-321

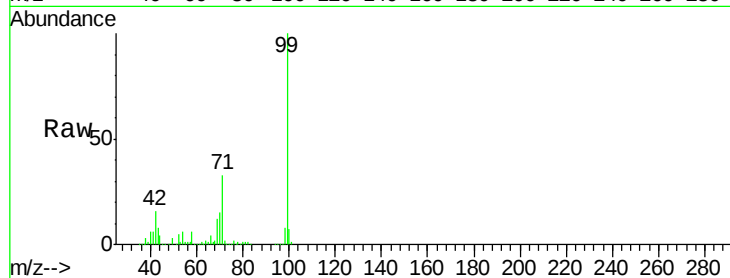
Tot Ion: 99 Resp: 825033

Ion Ratio Lower Upper

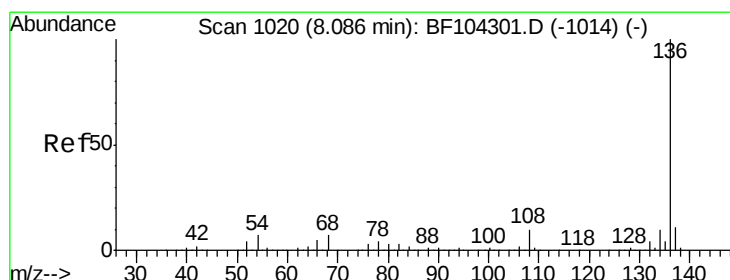
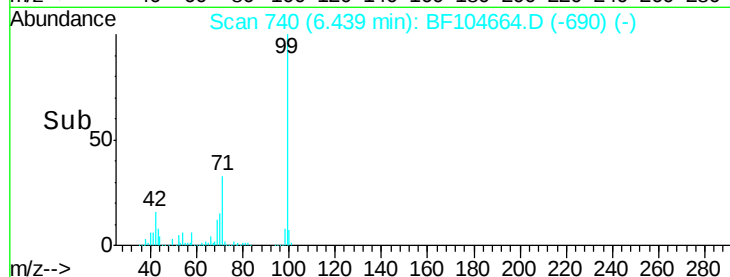
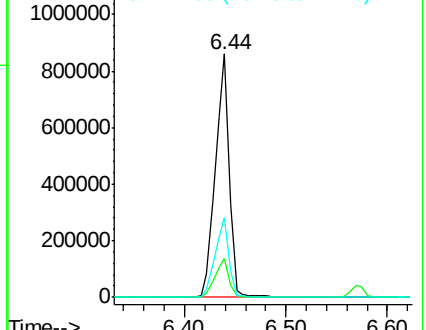
99 100

42 15.8 14.5 21.7

71 32.8 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: BF104664.D

Acq: 20 Apr 2018 8:18

Tgt Ion: 136 Resp: 563869

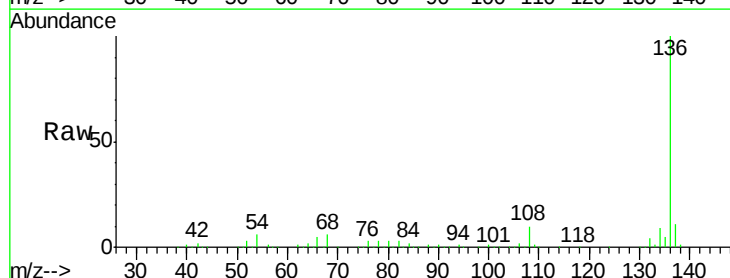
Ion Ratio Lower Upper

136 100

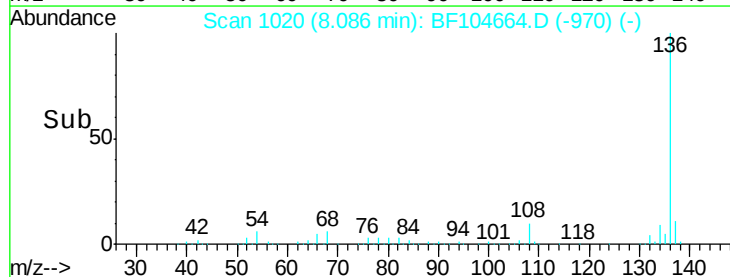
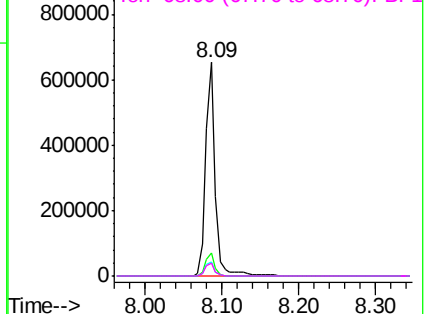
137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.9 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

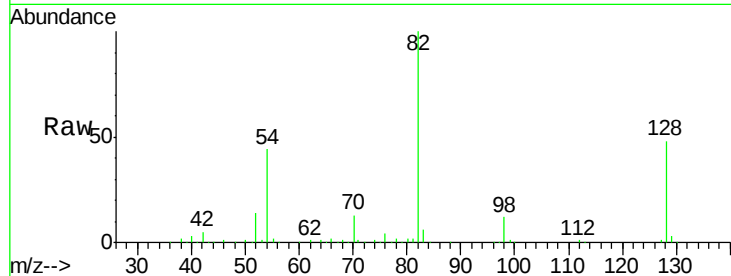




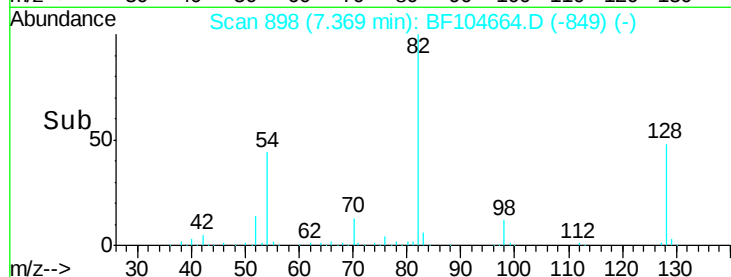
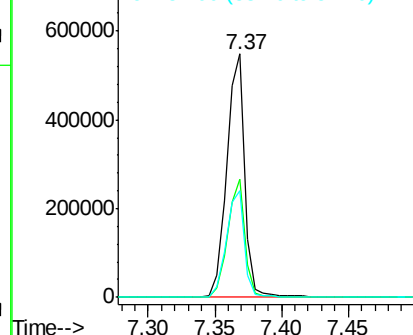
#23
 Nitrobenzene-d5
 Concen: 60.667 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104664.D
 Acq: 20 Apr 2018 8:18

Instrument :
 BNA_F
 ClientSampleID :
 MH-321

Tot Ion	82	Resp	523875
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	43.7	41.4	62.2

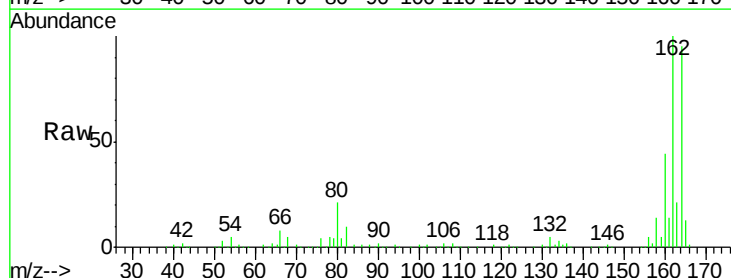


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

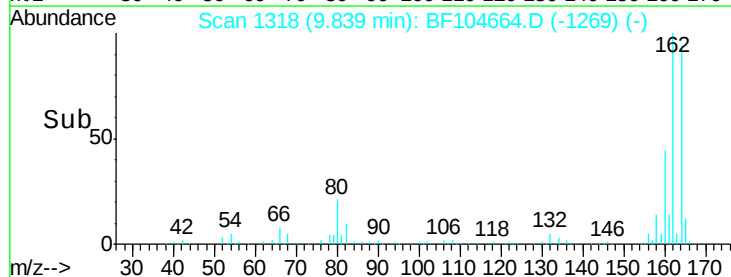
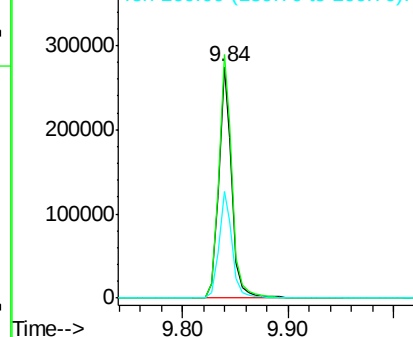


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104664.D
 Acq: 20 Apr 2018 8:18

Tgt Ion	164	Resp	240775
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.3	38.3	57.5
160	45.9		



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

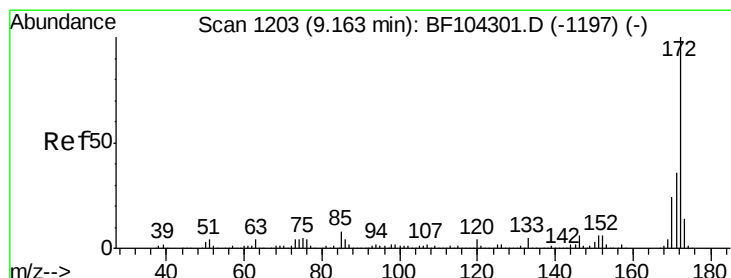
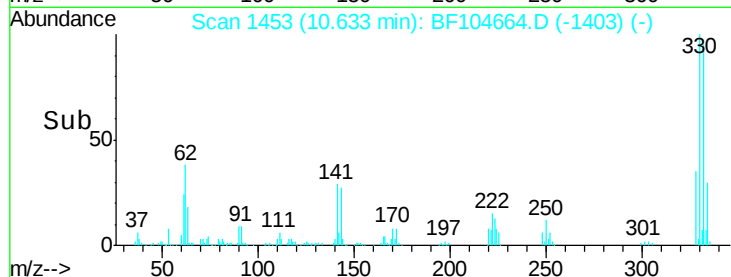
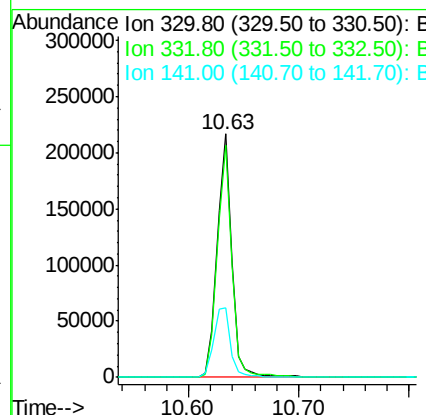
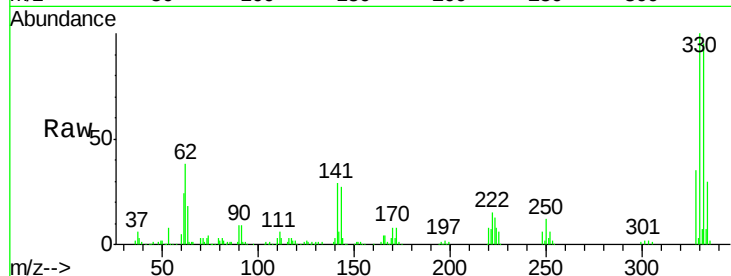




#41
 2,4,6-Tribromophenol
 Concen: 79.000 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104664.D
 Acq: 20 Apr 2018 8:18

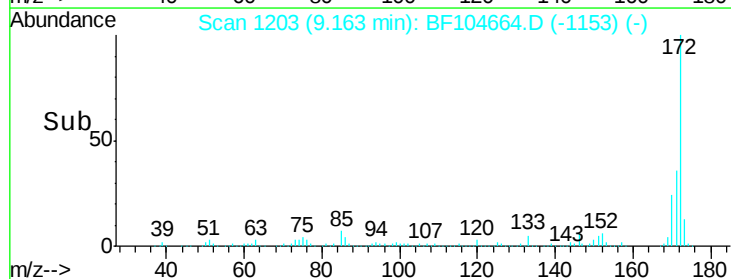
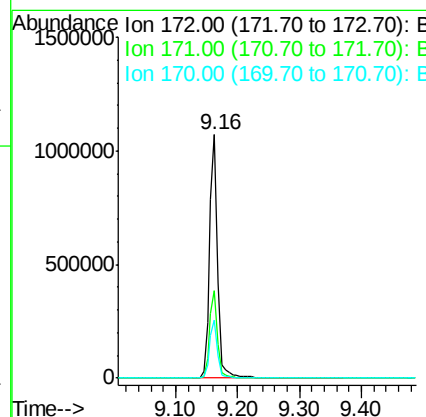
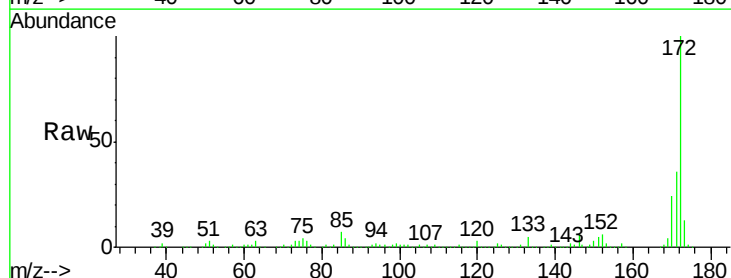
Instrument :
 BNA_F
 ClientSampled :
 MH-321

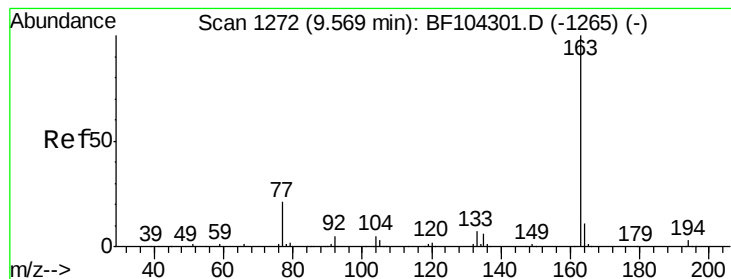
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 63.824 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104664.D
 Acq: 20 Apr 2018 8:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 2.903 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104664.D

Acq: 20 Apr 2018 8:18

Instrument :

BNA_F

ClientSampleId :

MH-321

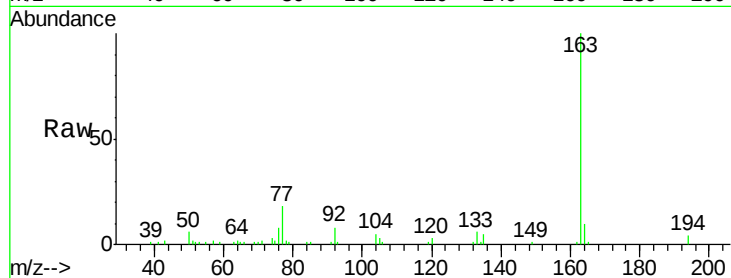
Tot Ion:163 Resp: 55110

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

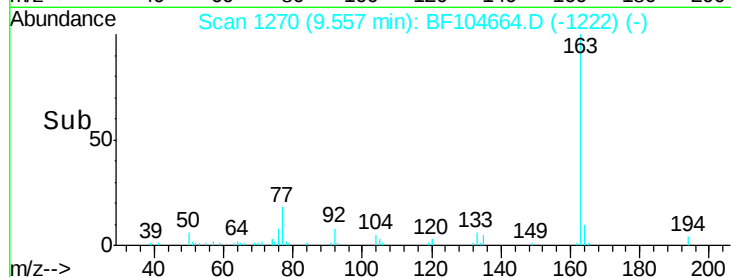
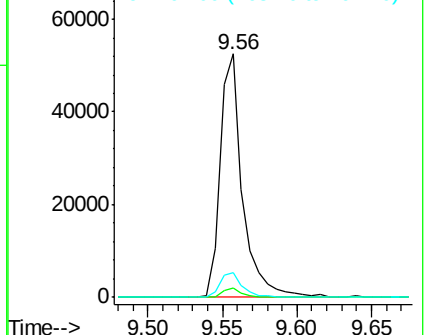
164 10.1 8.2 12.2



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: BF104664.D

Acq: 20 Apr 2018 8:18

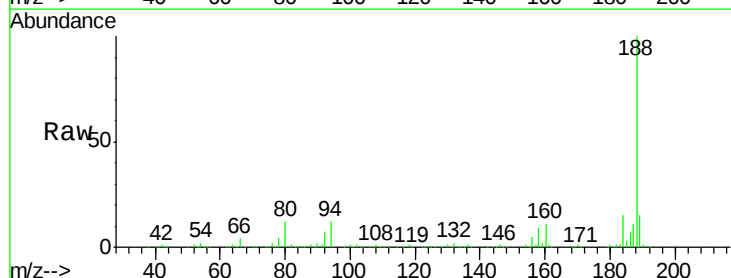
Tgt Ion:188 Resp: 375415

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

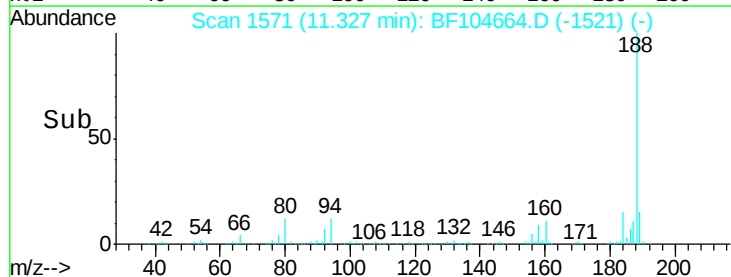
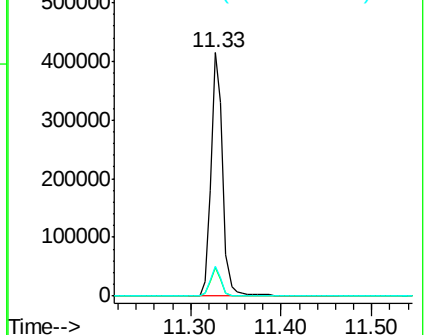
80 12.0 9.2 13.8

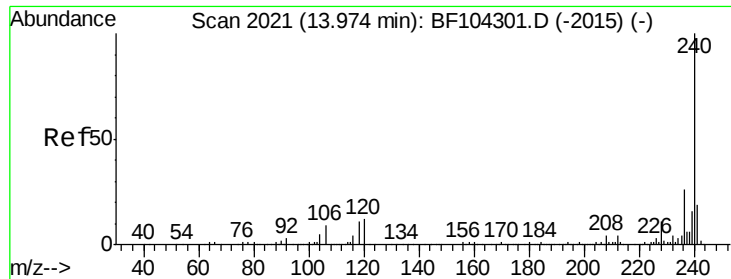


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

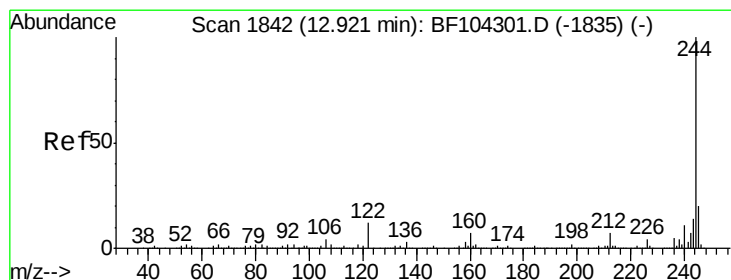
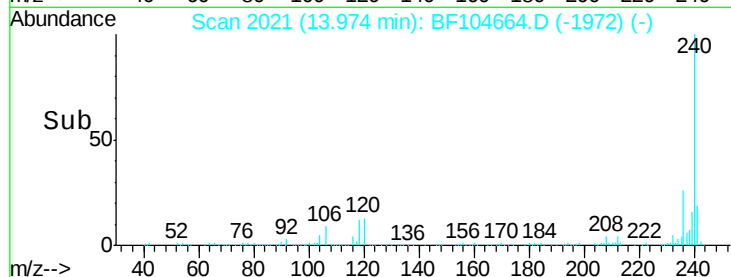
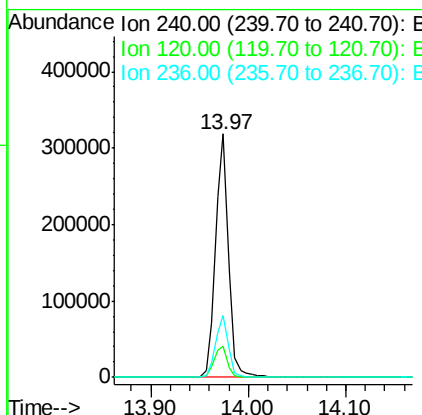
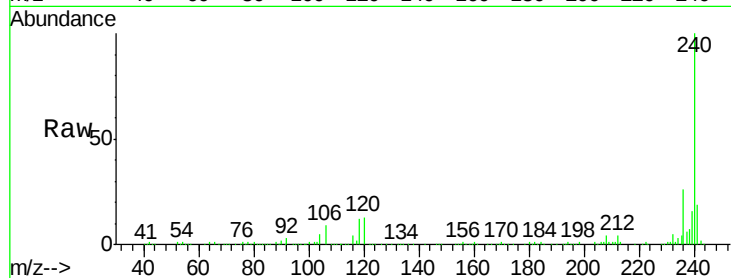




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104664.D
Acq: 20 Apr 2018 8:18

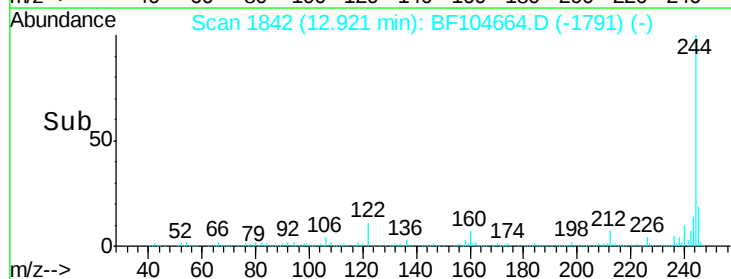
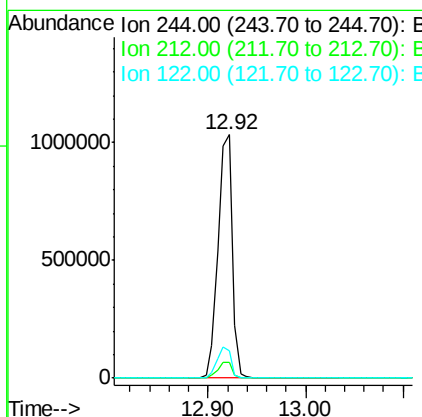
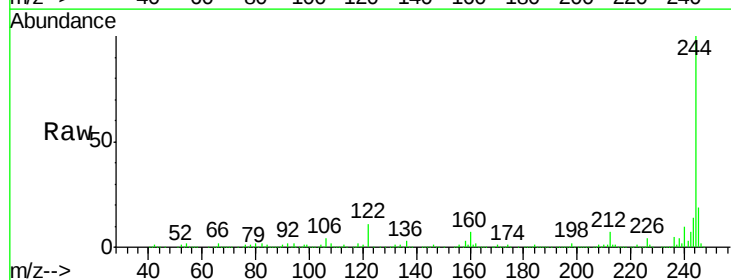
Instrument :
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MH-321

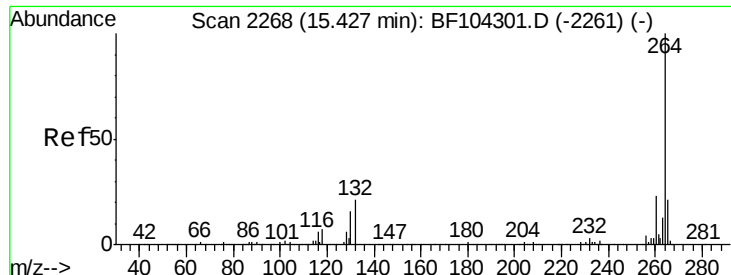
Tot Ion:240 Resp: 291758
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 82.385 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104664.D
Acq: 20 Apr 2018 8:18

Tgt Ion:244 Resp: 1054310
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.1 11.0 16.4

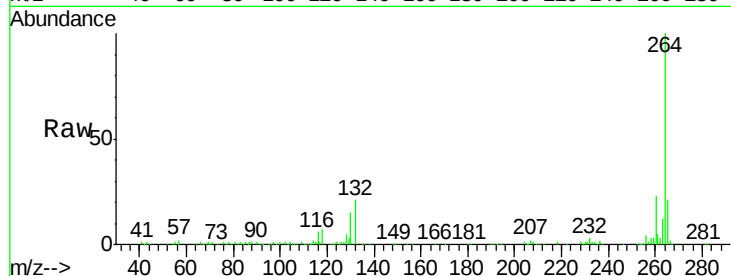




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104664.D
Acq: 20 Apr 2018 8:18

Instrument :
BNA_F
ClientSampleId :
MH-321

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

