

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104515.D
 Acq On : 14 Apr 2018 9:45
 Operator : JU/SJ
 Sample : J2368-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRI-E-U-B

Quant Time: Apr 16 01:06:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

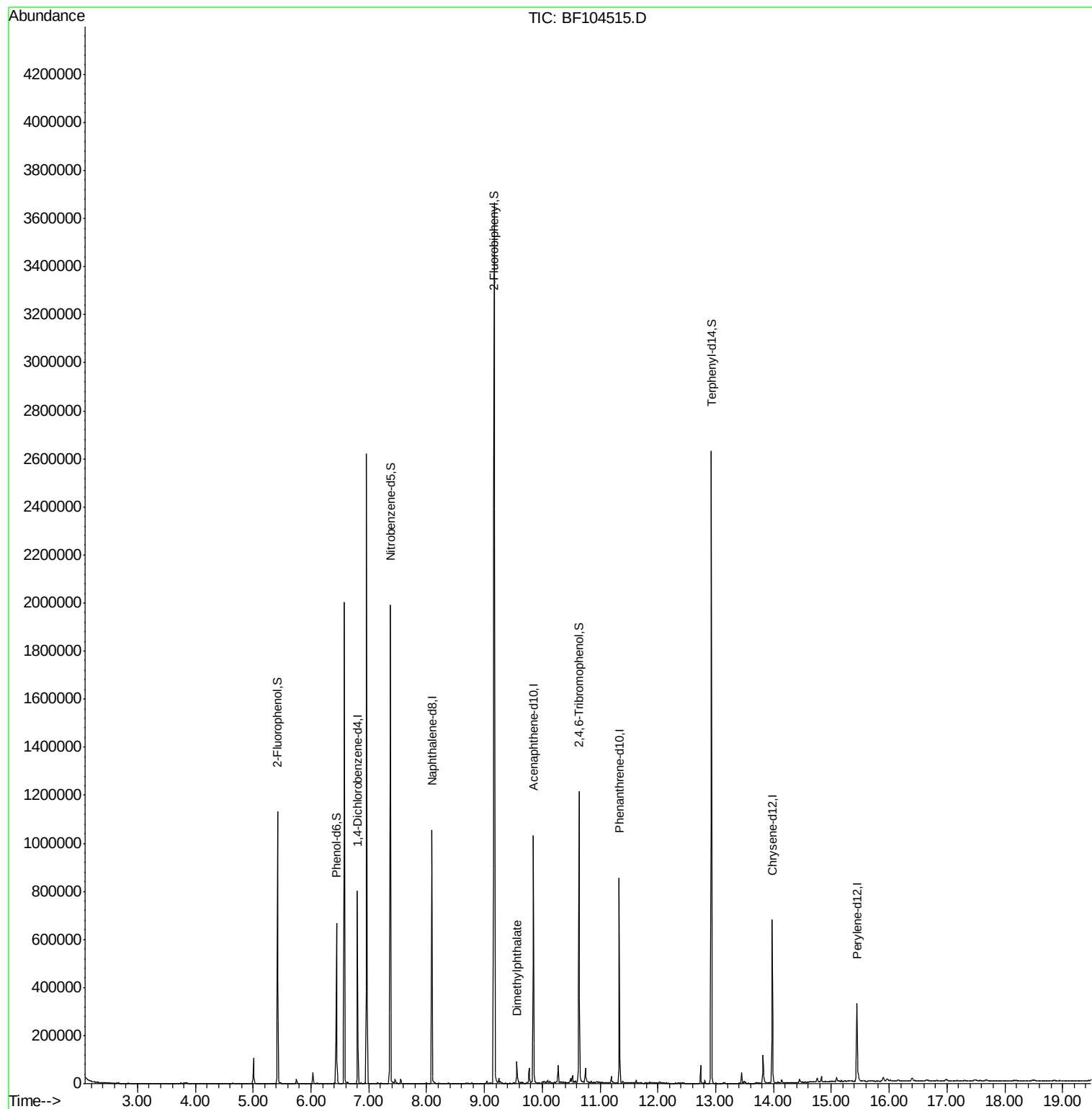
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117795	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	471646	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	195037	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	285580	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	224148	20.00	ng	-0.01
86) Perylene-d12	15.44	264	156079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	308627	40.06	ng	0.00
7) Phenol-d6	6.44	99	225995	23.88	ng	0.00
23) Nitrobenzene-d5	7.37	82	705964	97.74	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	154030	76.13	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1204141	97.53	ng	0.00
78) Terphenyl-d14	12.93	244	888960	90.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	38161	2.481	ng	Qvalue # 99

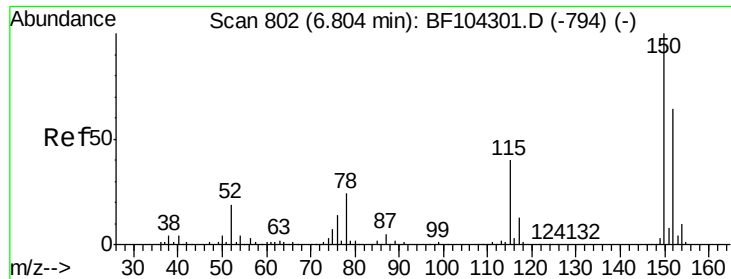
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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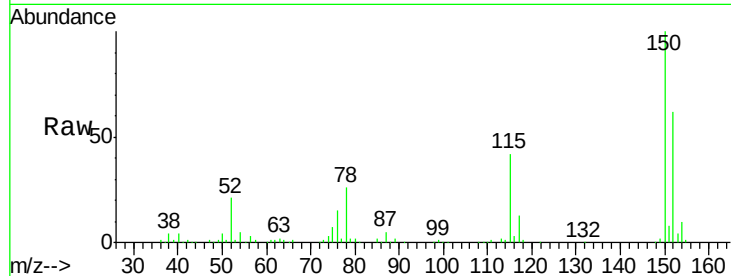


#1

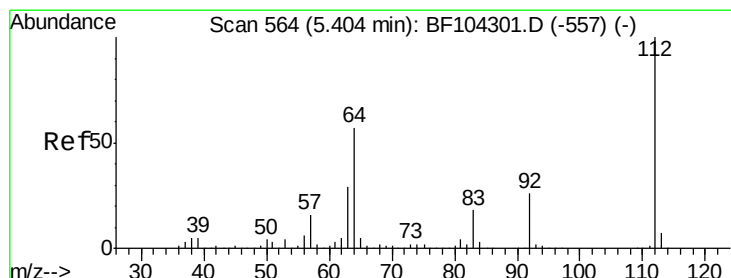
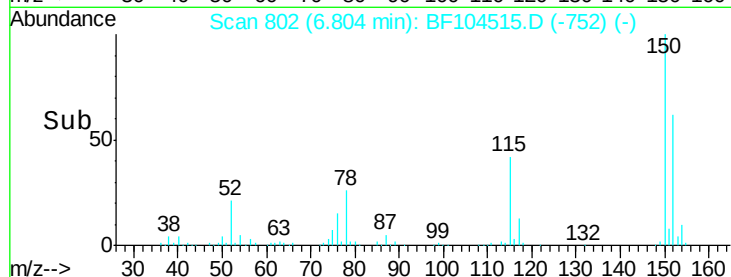
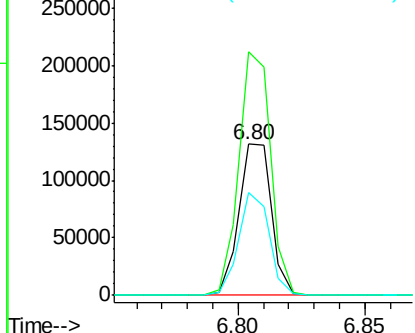
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104515.D
Acq: 14 Apr 2018 9:45

Instrument :
BNA_F
ClientSampleId :
041118-DBRI-E-U-B

Tot Ion:152 Resp: 117795
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 67.8 50.1 75.1



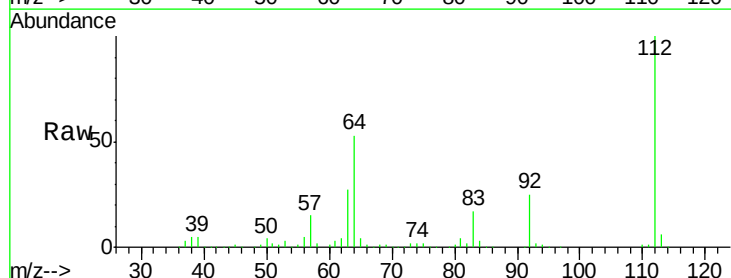
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



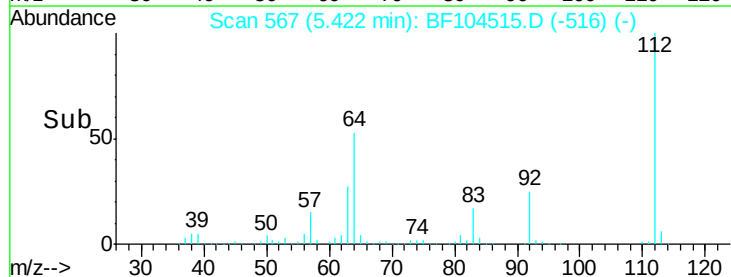
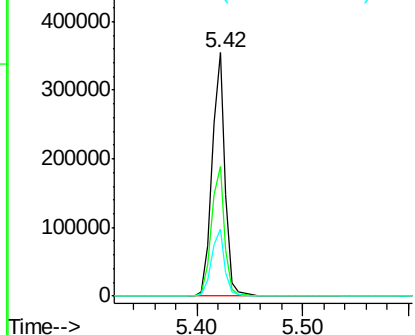
#5

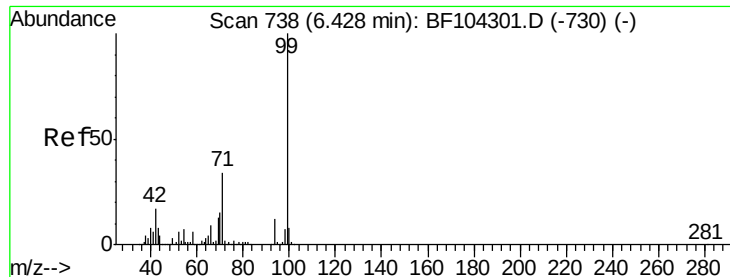
2-Fluorophenol
Concen: 40.062 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104515.D
Acq: 14 Apr 2018 9:45

Tgt Ion:112 Resp: 308627
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 27.3 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: 23.876 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104515.D

Acq: 14 Apr 2018 9:45

Instrument :

BNA_F

ClientSampleId :

041118-DBRI-E-U-B

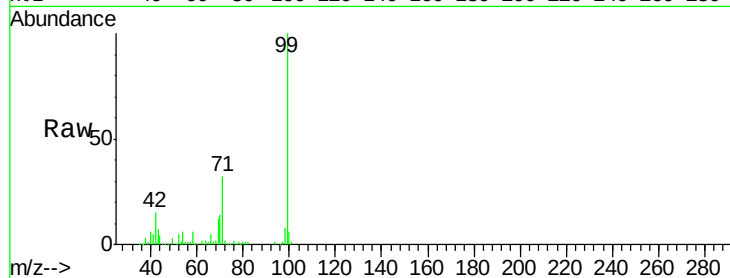
Tot Ion: 99 Resp: 225995

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

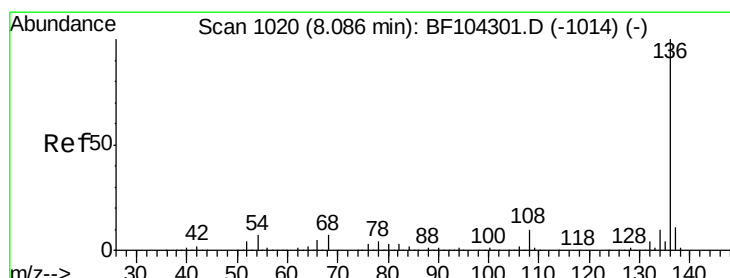
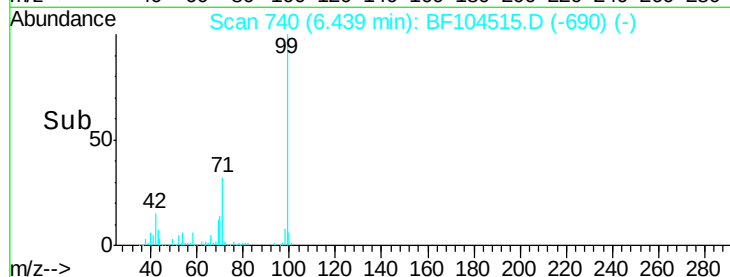
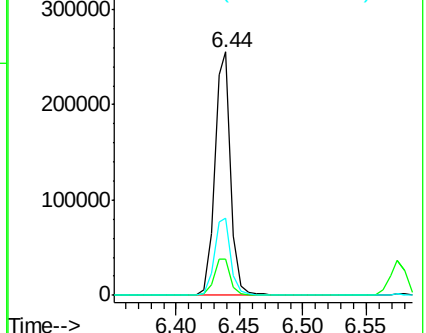
71 31.6 25.4 38.0



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# 1021

Delta R.T. -0.01 min

Lab File: BF104515.D

Acq: 14 Apr 2018 9:45

Tgt Ion: 136 Resp: 471646

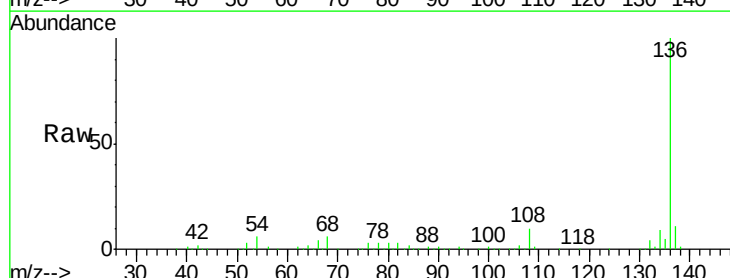
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

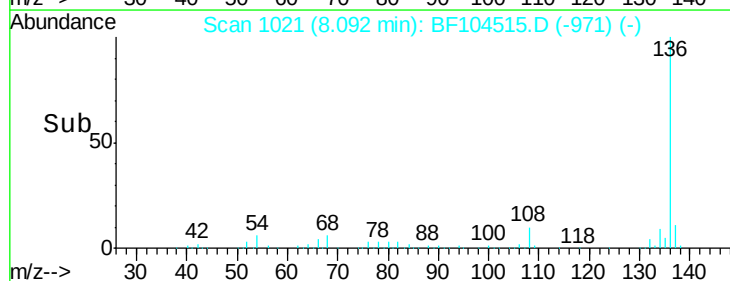
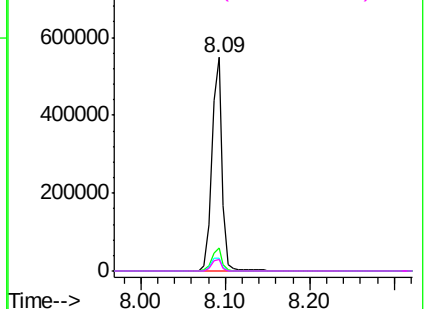


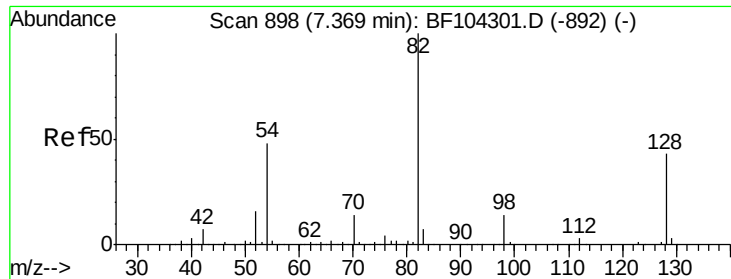
Abundance Ion 136.00 (135.70 to 136.70): E

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

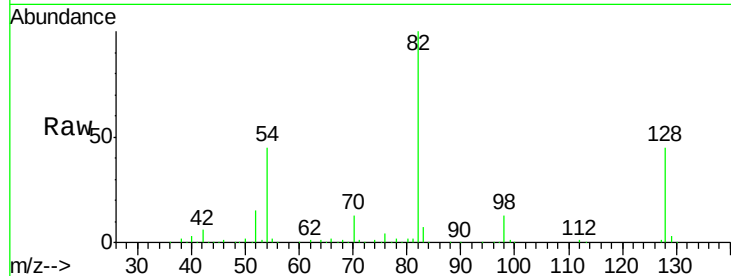




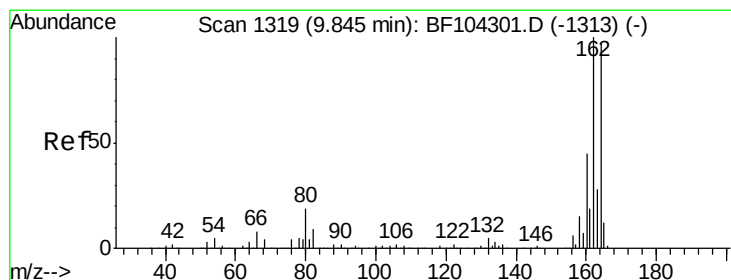
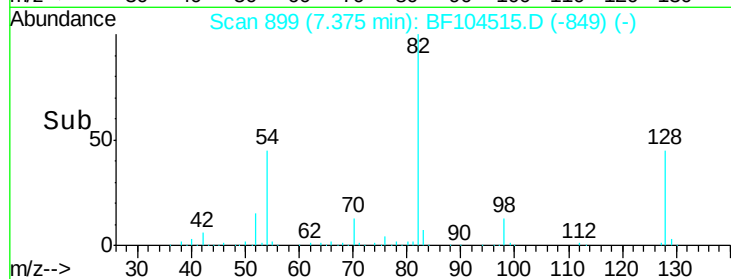
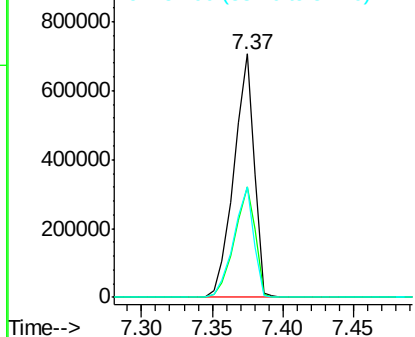
#23
 Nitrobenzene-d5
 Concen: 97.739 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104515.D
 Acq: 14 Apr 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRI-E-U-B

Tot Ion: 82 Resp: 705964
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 45.4 41.4 62.2

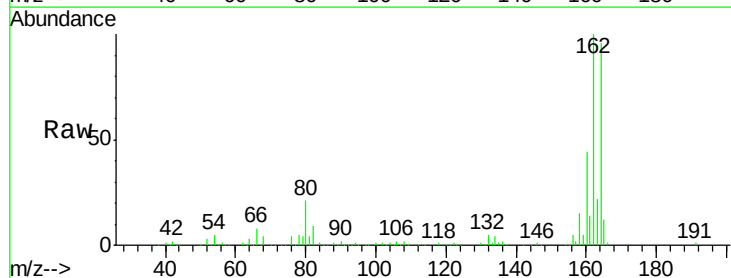


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

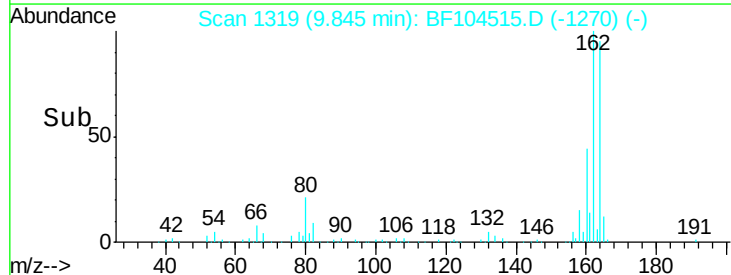
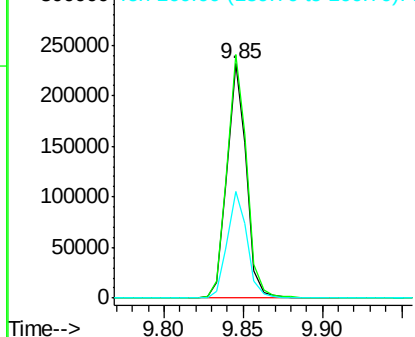


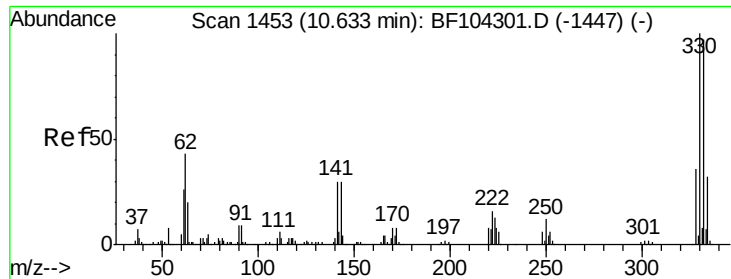
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104515.D
 Acq: 14 Apr 2018 9:45

Tgt Ion: 164 Resp: 195037
 Ion Ratio Lower Upper
 164 100
 162 103.9 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

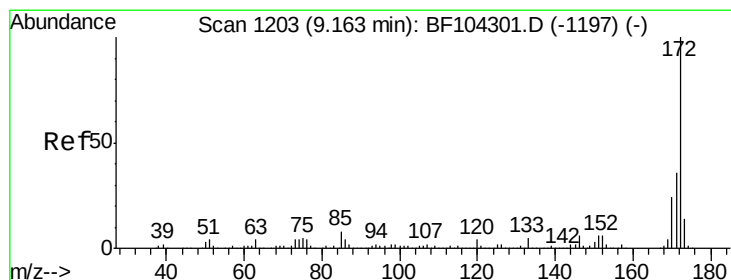
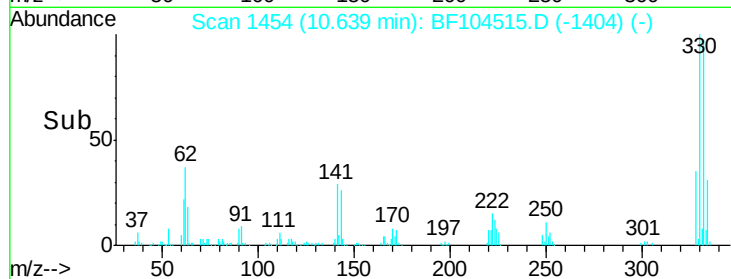
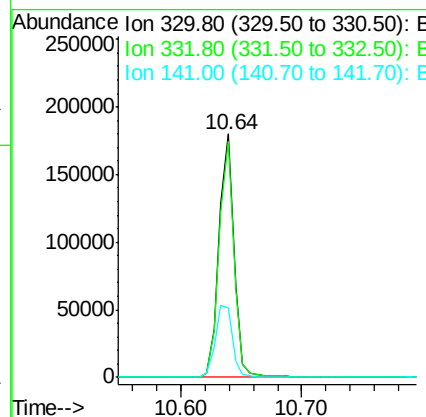
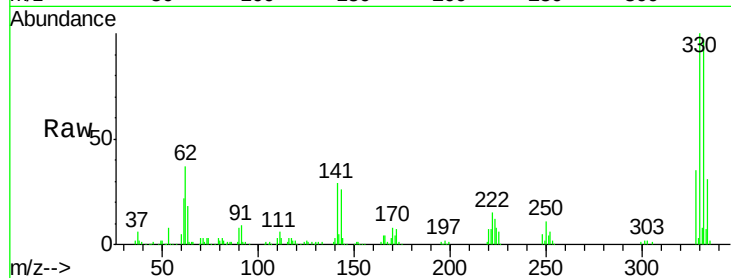




#41
 2,4,6-Tribromophenol
 Concen: 76.133 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104515.D
 Acq: 14 Apr 2018 9:45

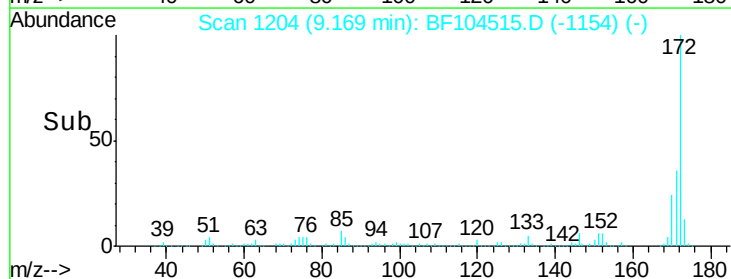
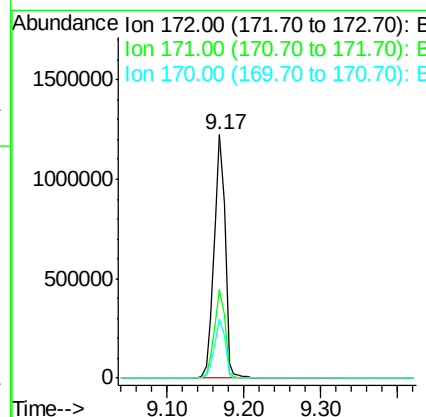
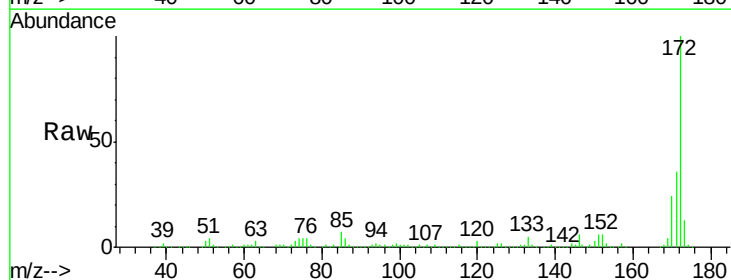
Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRI-E-U-B

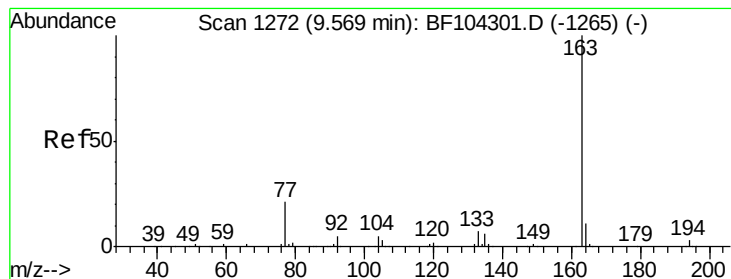
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.532 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104515.D
 Acq: 14 Apr 2018 9:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 2.481 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104515.D

Acq: 14 Apr 2018 9:45

Instrument :

BNA_F

ClientSampleId :

041118-DBRI-E-U-B

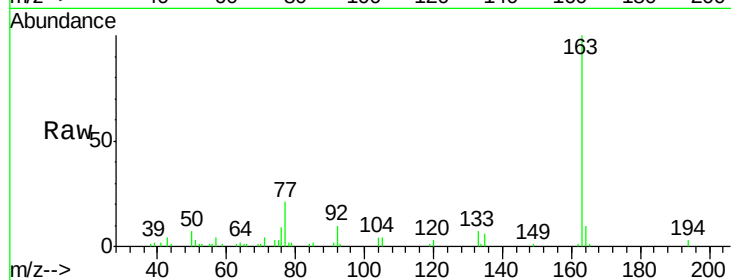
Tot Ion:163 Resp: 38161

Ion Ratio Lower Upper

163 100

194 2.7 2.7 4.1#

164 10.3 8.2 12.2



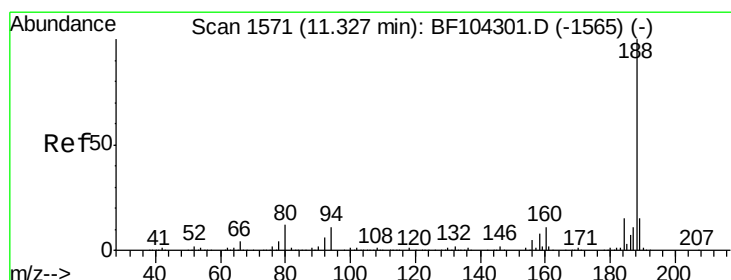
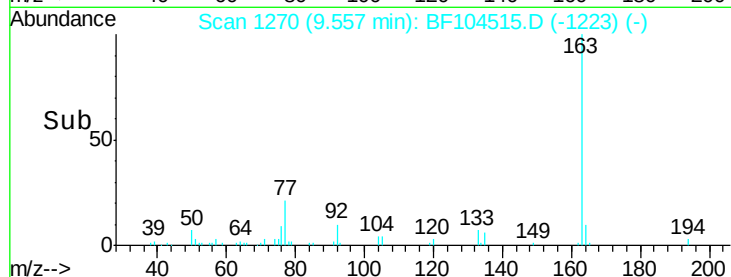
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.56

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF104515.D

Acq: 14 Apr 2018 9:45

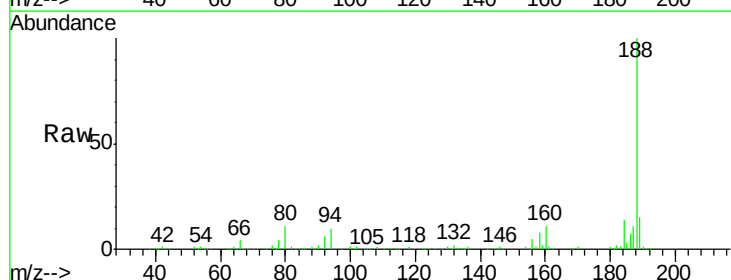
Tgt Ion:188 Resp: 285580

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 11.3 9.2 13.8



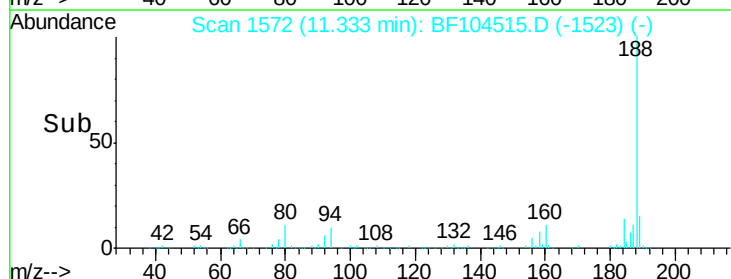
Abundance Ion 188.00 (187.70 to 188.70): E

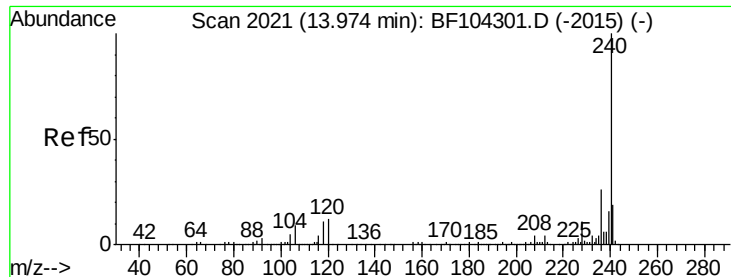
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.33

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104515.D

Acq: 14 Apr 2018 9:45

Instrument :

BNA_F

ClientSampleId :

041118-DBRI-E-U-B

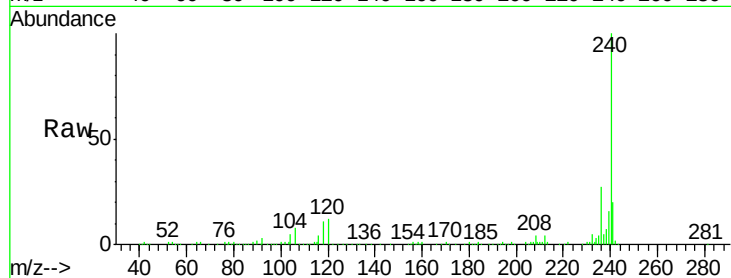
Tot Ion:240 Resp: 224148

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

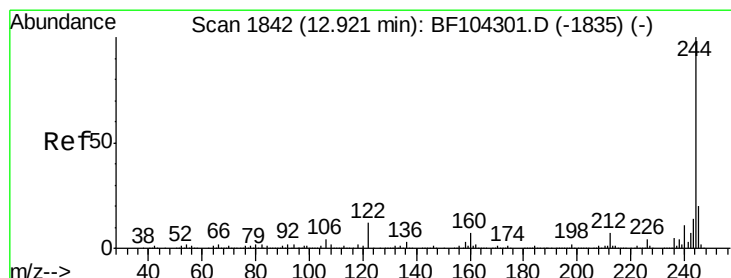
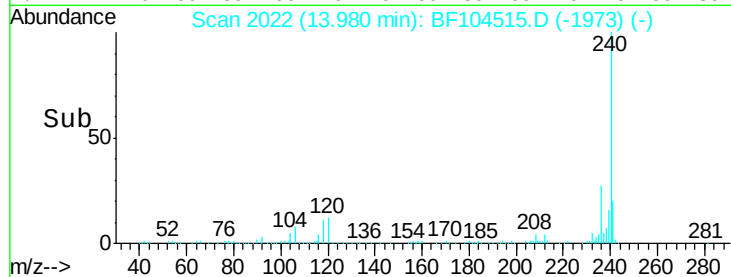
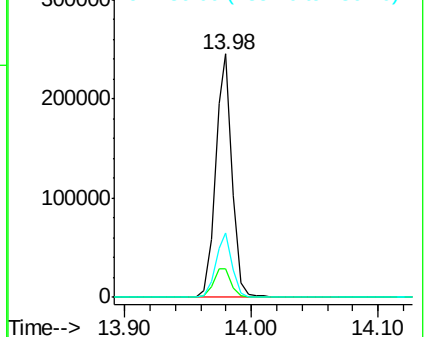
236 26.7 20.7 31.1



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: 90.417 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104515.D

Acq: 14 Apr 2018 9:45

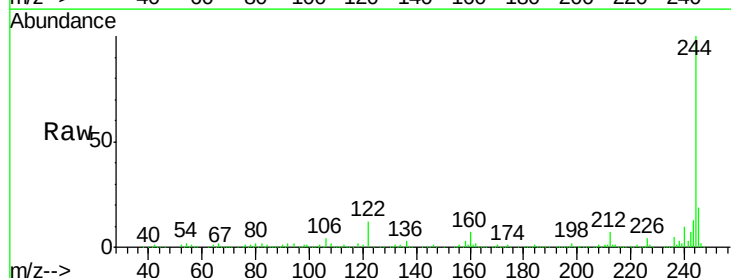
Tgt Ion:244 Resp: 888960

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

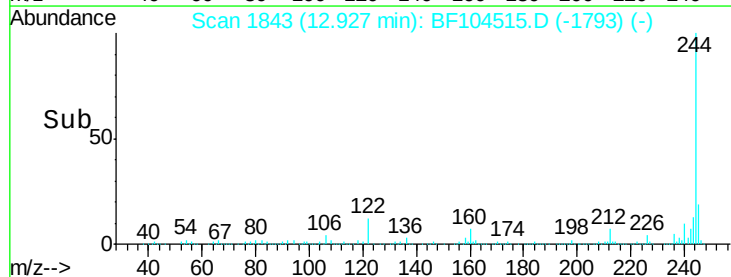
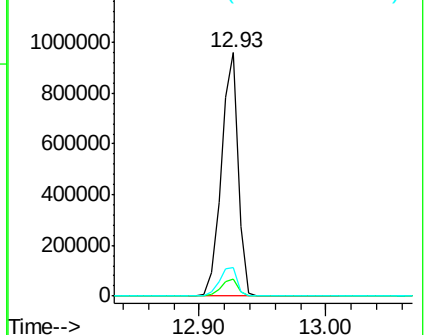
122 11.8 11.0 16.4

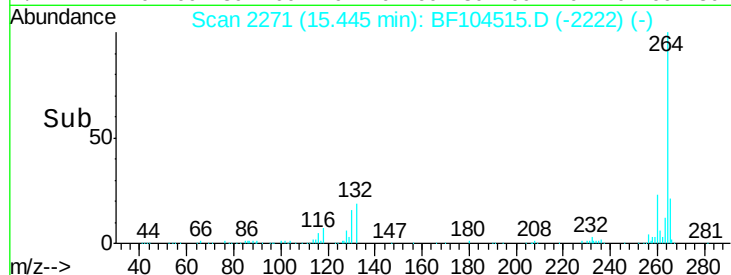
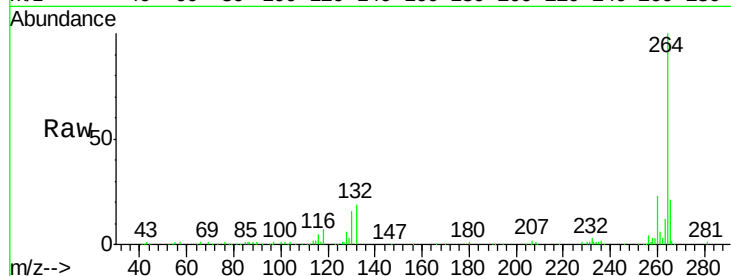
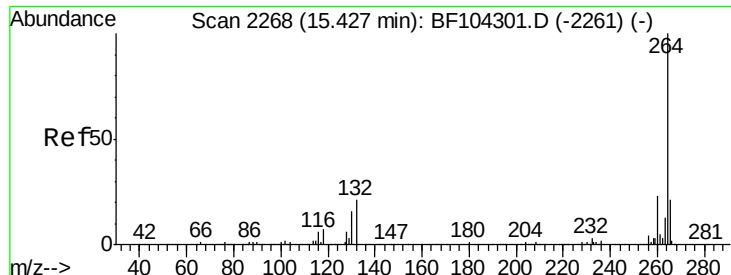


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF104515.D
 Acq: 14 Apr 2018 9:45

Instrument :
 BNA_F
 ClientSampleId :
 041118-DBRI-E-U-B

Tot Ion:264	Resp:	156079
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.2 28.8
265	20.9	17.5 26.3

