

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104519.D
 Acq On : 14 Apr 2018 11:33
 Operator : JU/SJ
 Sample : J2368-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Apr 16 01:18:23 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

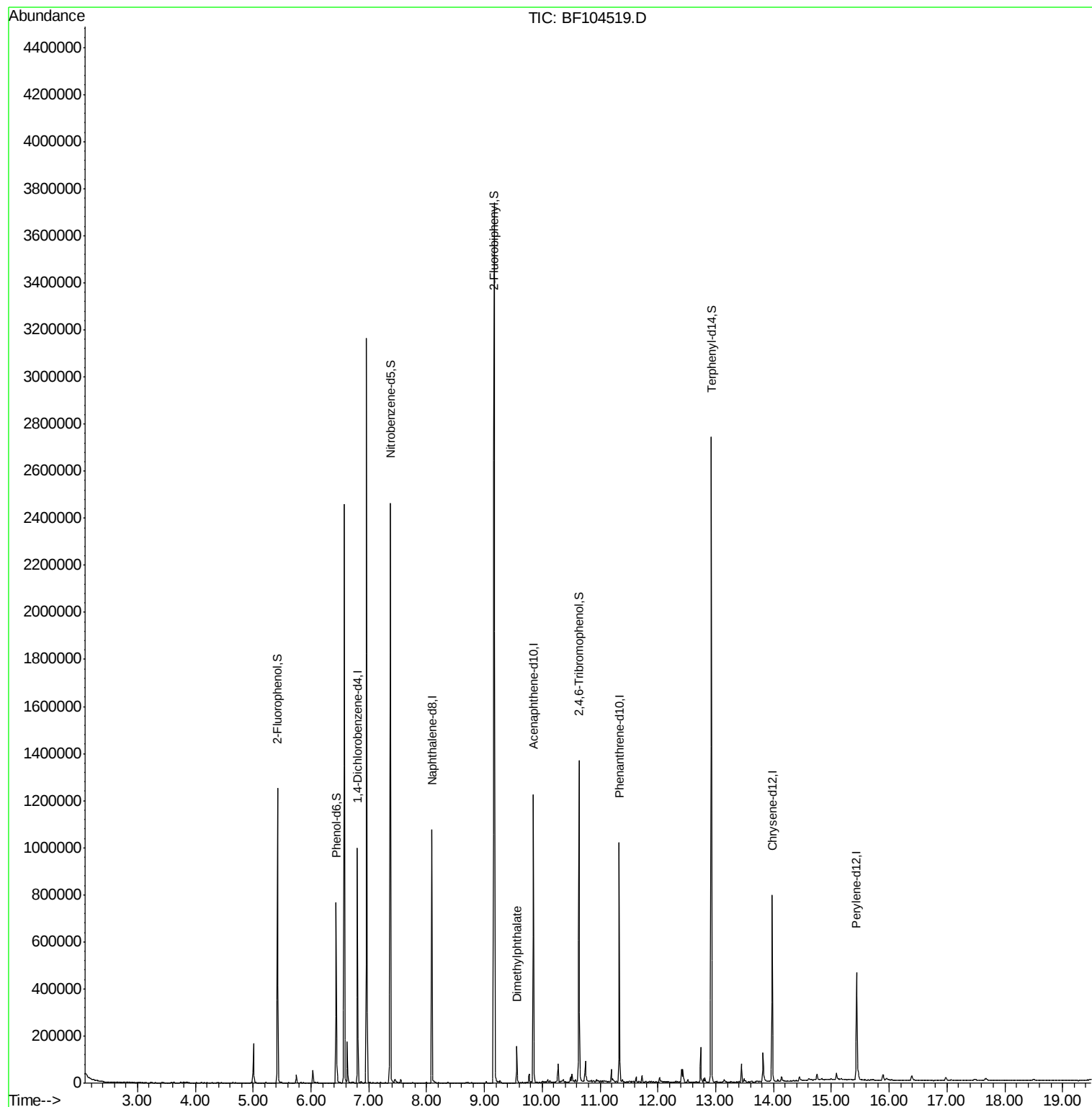
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146243	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	504922	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	227157	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	327697	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	265767	20.00	ng	-0.02
86) Perylene-d12	15.44	264	205502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	350582	36.66	ng	0.00
7) Phenol-d6	6.43	99	261857	22.28	ng	-0.01
23) Nitrobenzene-d5	7.37	82	856163	110.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	170875	72.52	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1197058	83.25	ng	0.00
78) Terphenyl-d14	12.93	244	973142	83.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	64693	3.611	ng	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: BF104519.D

Acq: 14 Apr 2018 11:33

Instrument :

BNA_F

ClientSampleId :

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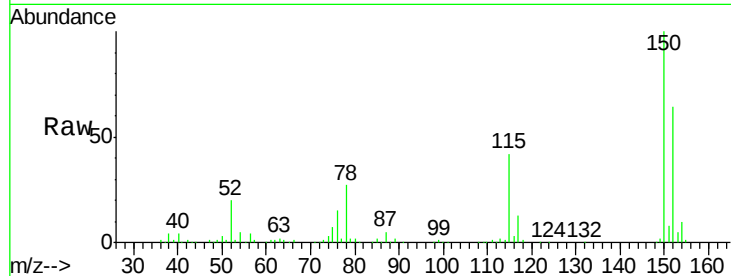
Tot Ion:152 Resp: 146243

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

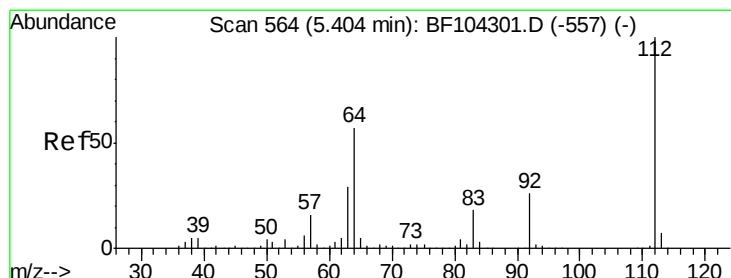
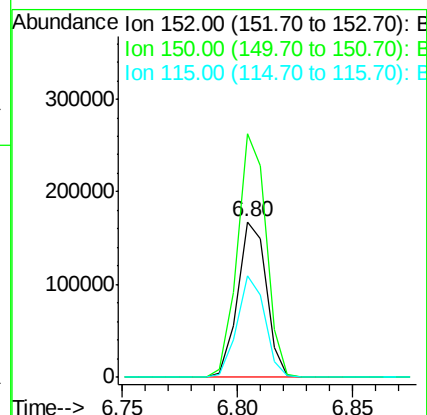
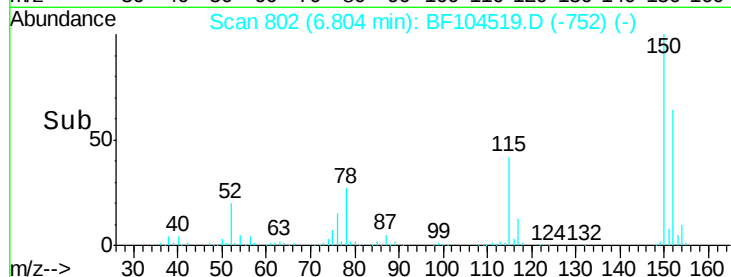
115 65.1 50.1 75.1



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: 36.655 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF104519.D

Acq: 14 Apr 2018 11:33

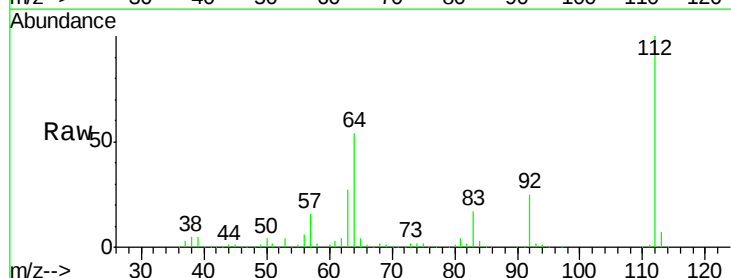
Tgt Ion:112 Resp: 350582

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

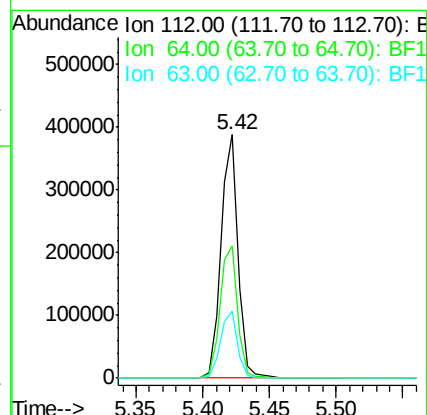
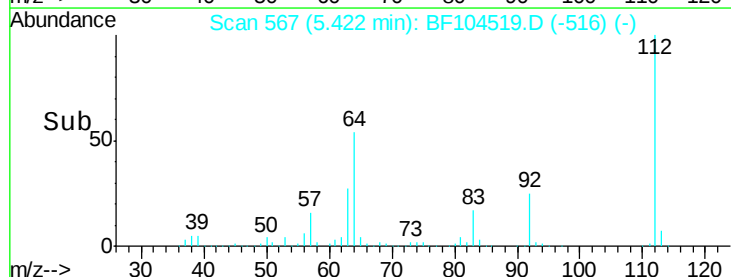
63 27.3 23.7 35.5



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: 22.283 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104519.D

Acq: 14 Apr 2018 11:33

Instrument :

BNA_F

ClientSampleId :

041118-DBRC-E-U-B

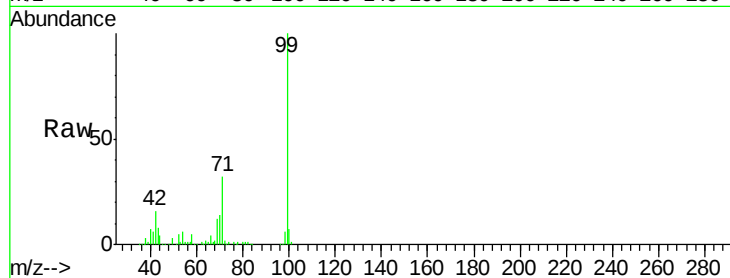
Tot Ion: 99 Resp: 261857

Ion Ratio Lower Upper

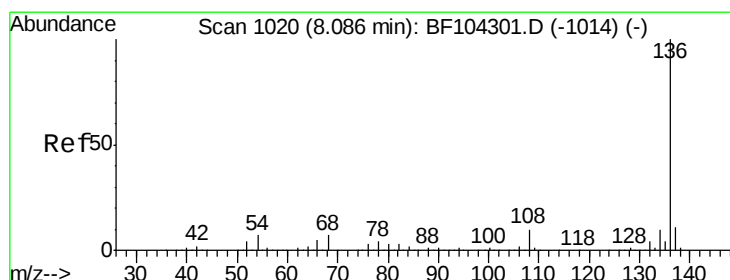
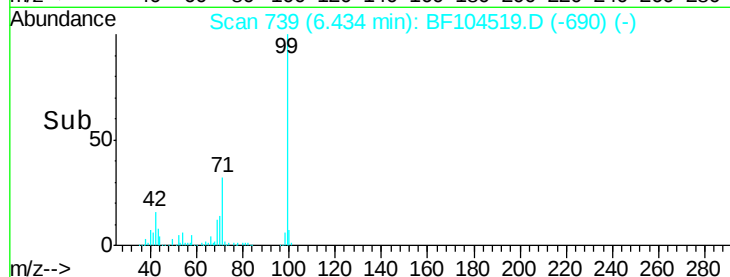
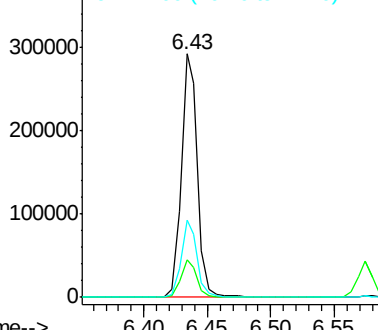
99 100

42 15.6 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: BF104519.D

Acq: 14 Apr 2018 11:33

Tgt Ion: 136 Resp: 504922

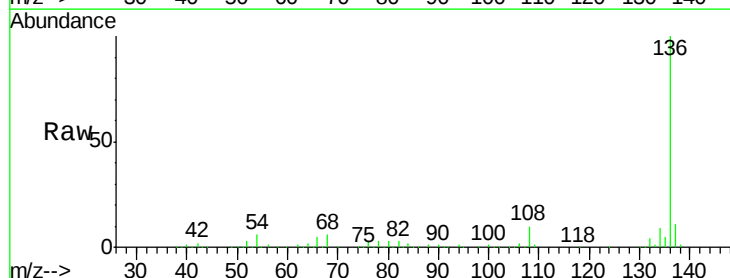
Ion Ratio Lower Upper

136 100

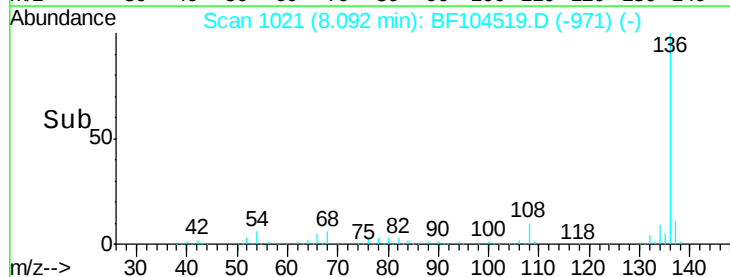
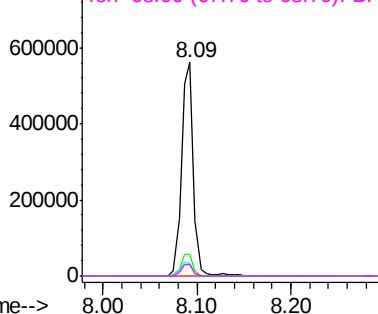
137 10.5 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 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

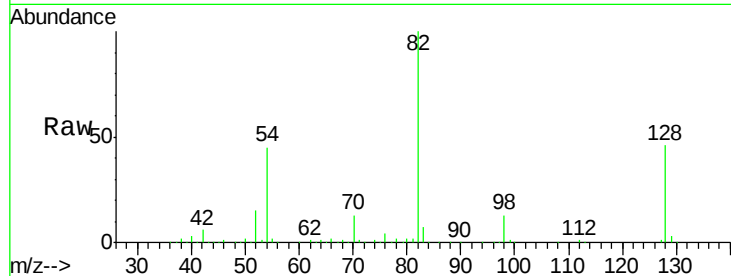




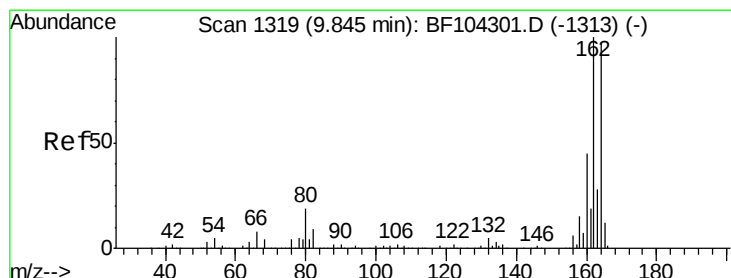
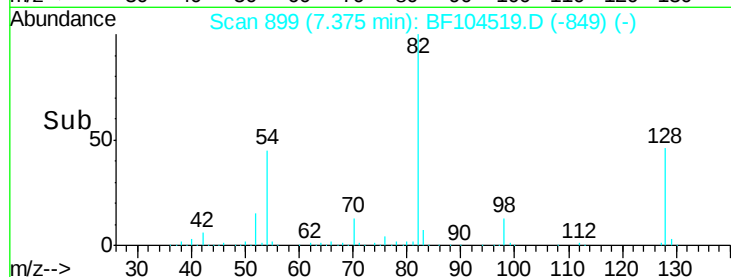
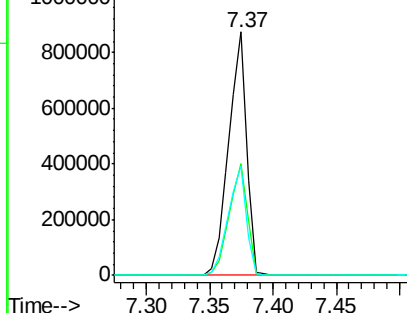
#23
Nitrobenzene-d5
Concen: 110.722 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104519.D
Acq: 14 Apr 2018 11:33

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

Tot Ion: 82 Resp: 856163
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 44.9 41.4 62.2

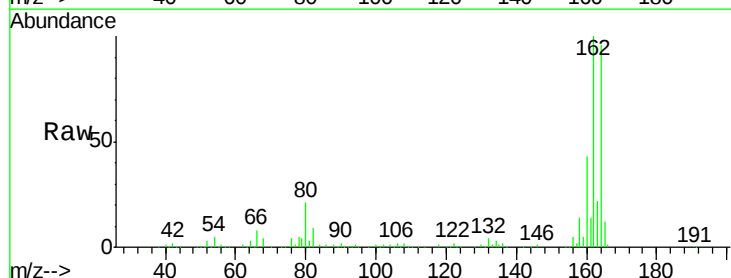


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

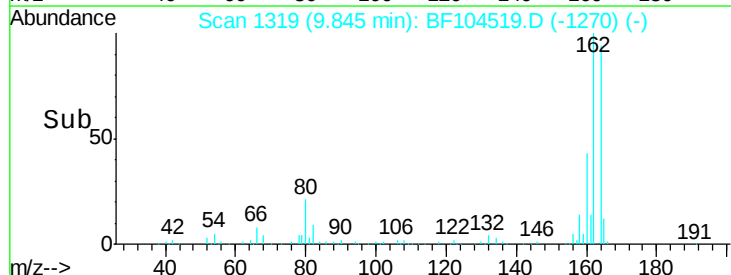
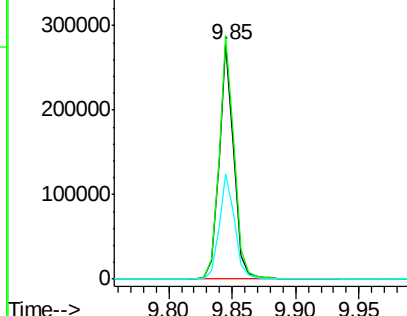


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104519.D
Acq: 14 Apr 2018 11:33

Tgt Ion:164 Resp: 227157
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.2 38.3 57.5



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

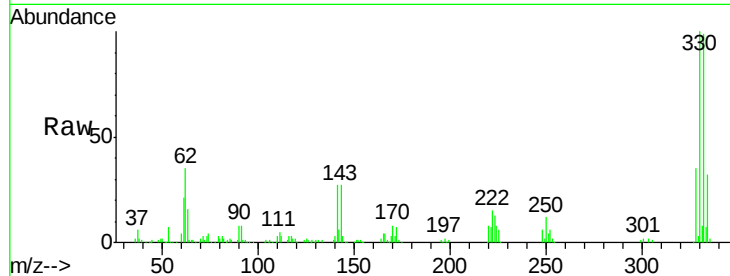




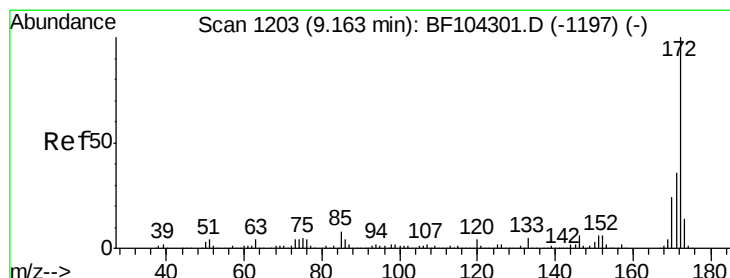
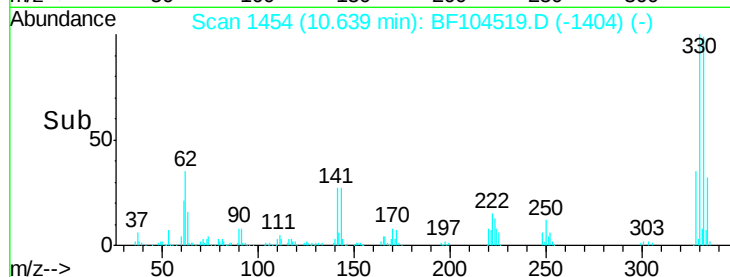
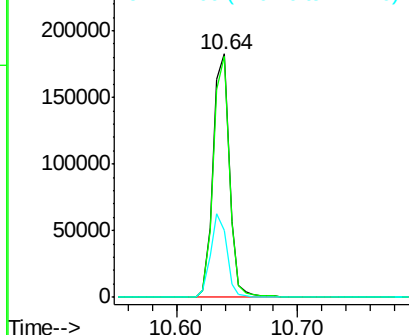
#41
 2,4,6-Tribromophenol
 Concen: 72.516 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104519.D
 Acq: 14 Apr 2018 11:33

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.9	29.9	44.9

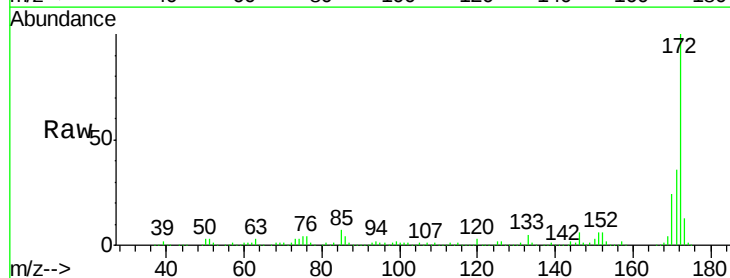


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

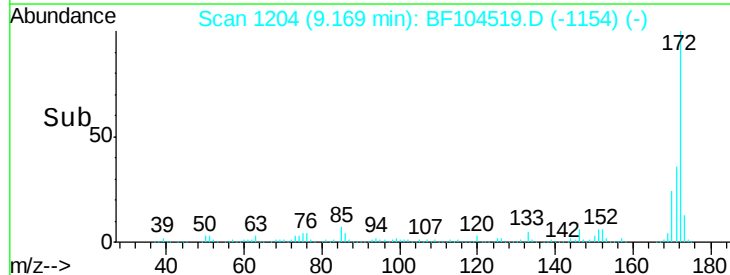
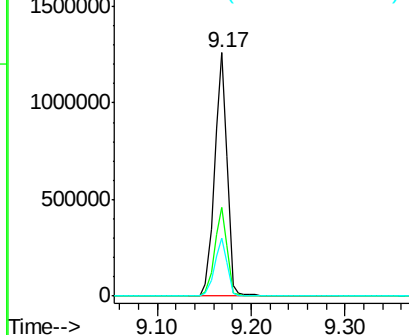


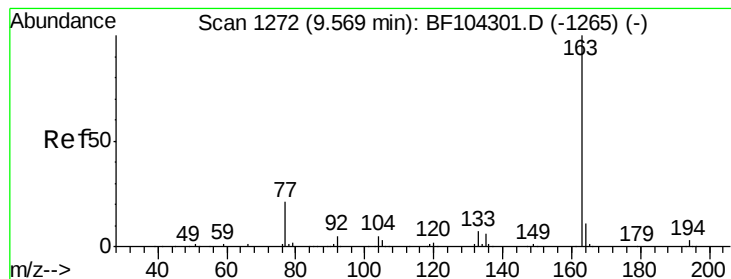
#44
 2-Fluorobiphenyl
 Concen: 83.249 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104519.D
 Acq: 14 Apr 2018 11:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	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: 3.611 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104519.D

Acq: 14 Apr 2018 11:33

Instrument :

BNA_F

ClientSampleId :

041118-DBRC-E-U-B

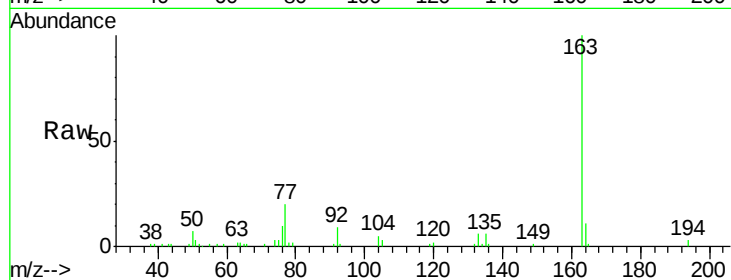
Tot Ion:163 Resp: 64693

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

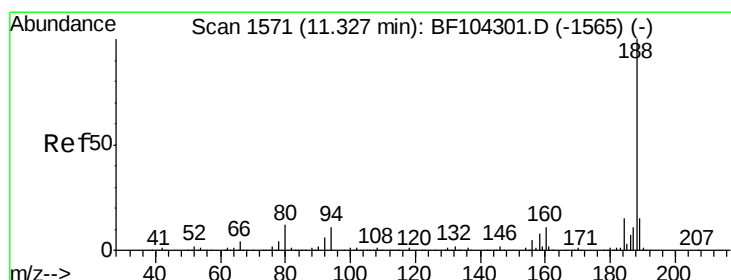
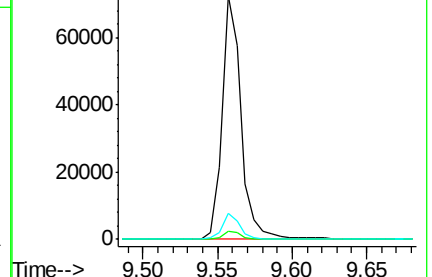
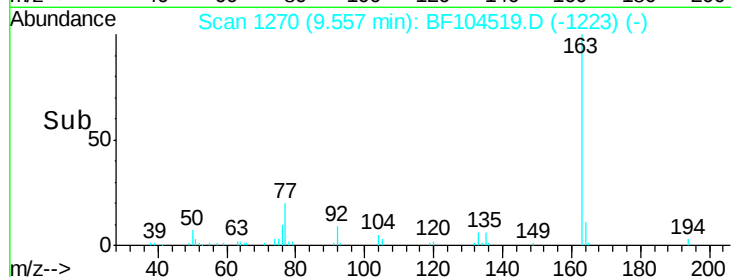
164 10.7 8.2 12.2



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. -0.01 min

Lab File: BF104519.D

Acq: 14 Apr 2018 11:33

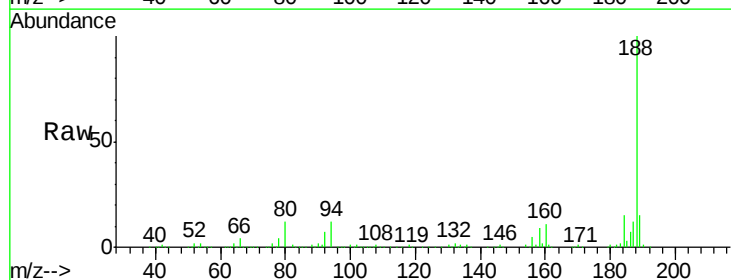
Tgt Ion:188 Resp: 327697

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

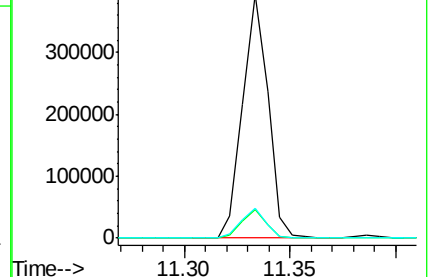
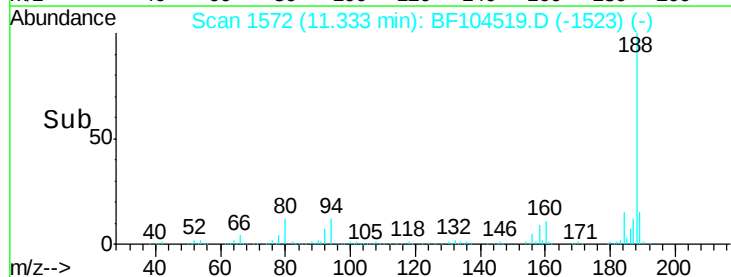
80 12.3 9.2 13.8

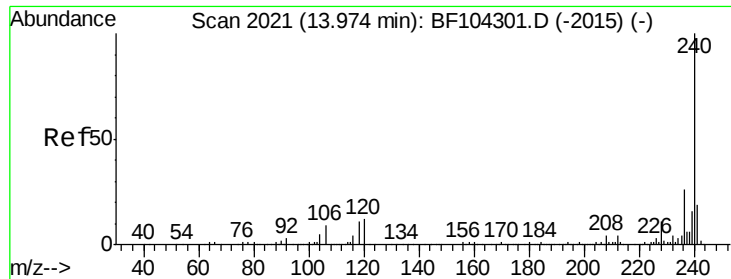


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

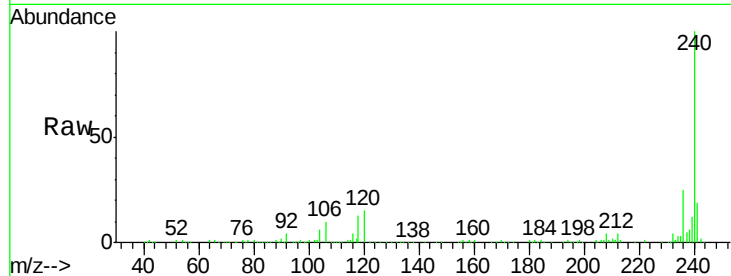




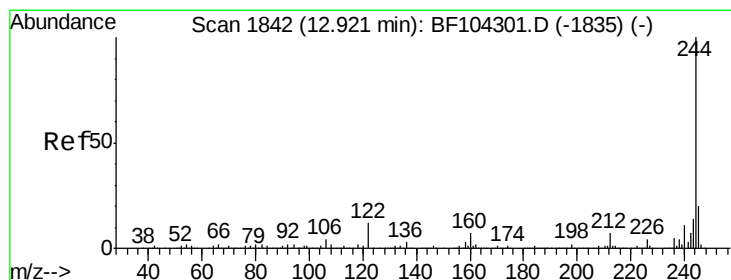
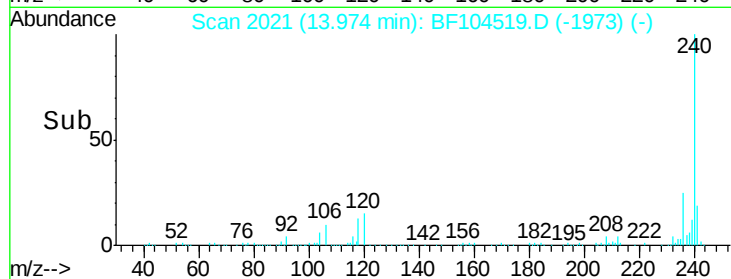
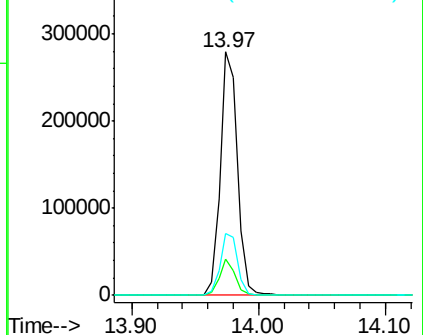
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF104519.D
 Acq: 14 Apr 2018 11:33

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

Tot Ion:240 Resp: 265767
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.3 20.7 31.1

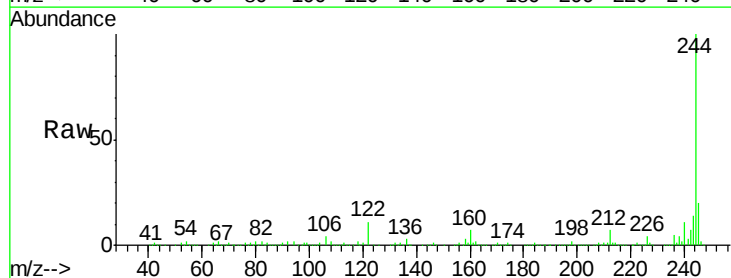


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

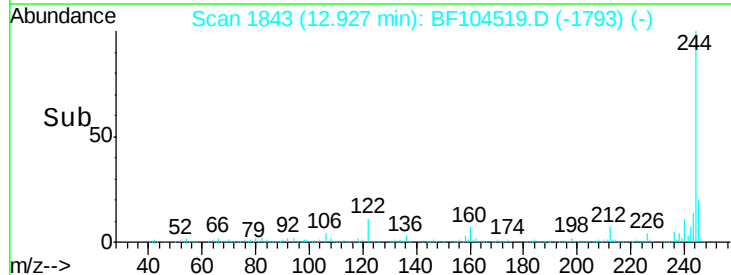
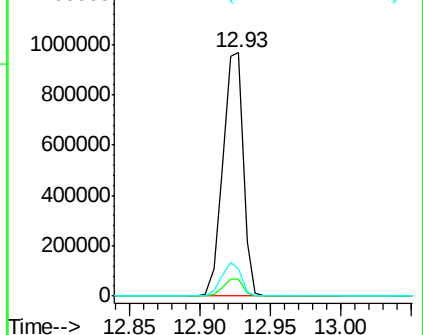


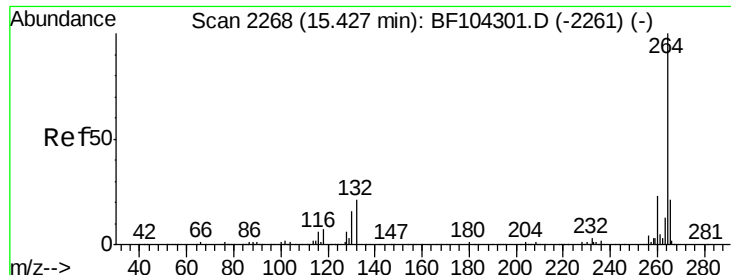
#78
 Terphenyl-d14
 Concen: 83.479 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104519.D
 Acq: 14 Apr 2018 11:33

Tgt Ion:244 Resp: 973142
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.4 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# 2270
Delta R.T. -0.02 min
Lab File: BF104519.D
Acq: 14 Apr 2018 11:33

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

