

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104389.D
 Acq On : 9 Apr 2018 23:40
 Operator : JU/SJ
 Sample : J2278-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

Quant Time: Apr 10 03:28:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

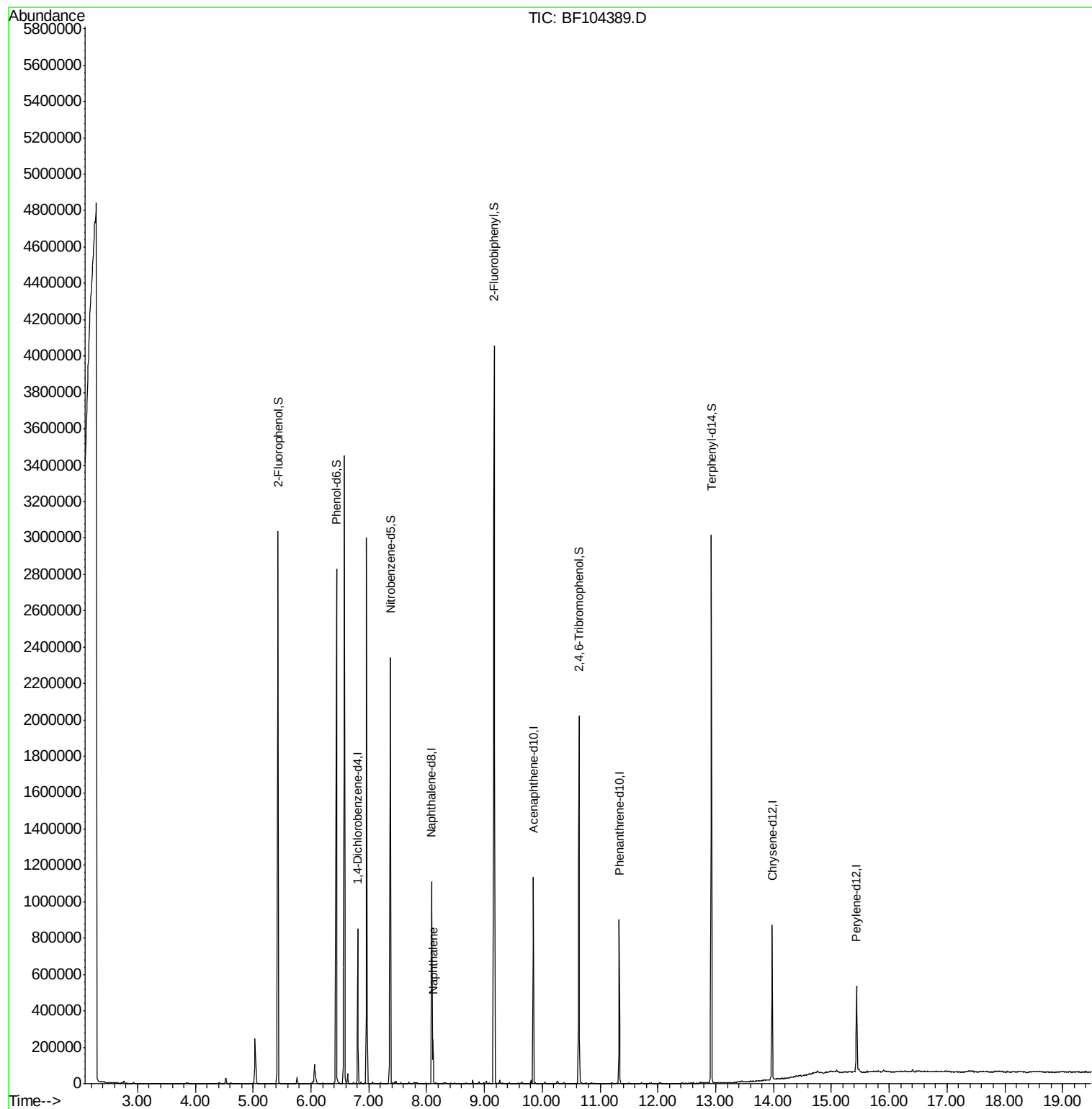
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128495	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	491961	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	198855	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	296490	20.00	ng	0.00
75) Chrysene-d12	13.97	240	267897	20.00	ng	0.00
86) Perylene-d12	15.44	264	197838	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	995192	118.43	ng	0.02
7) Phenol-d6	6.44	99	1077218	104.33	ng	0.01
23) Nitrobenzene-d5	7.37	82	806574	107.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	257495	124.83	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1316696	104.60	ng	0.00
78) Terphenyl-d14	12.93	244	1054901	89.77	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	91775	3.746	ng	Qvalue 97

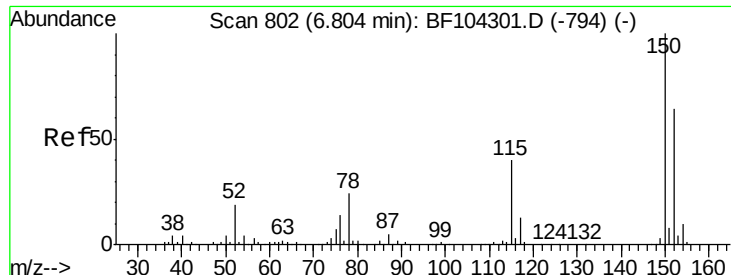
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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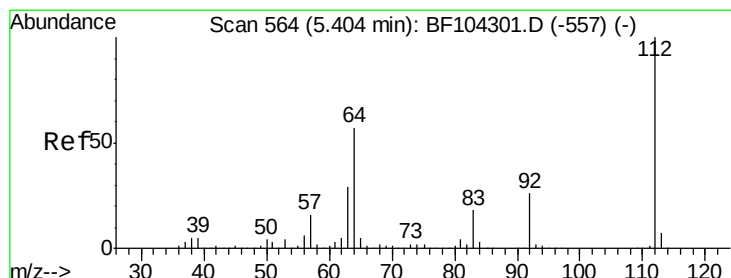
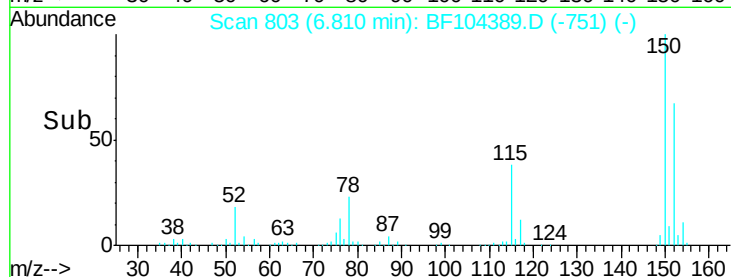
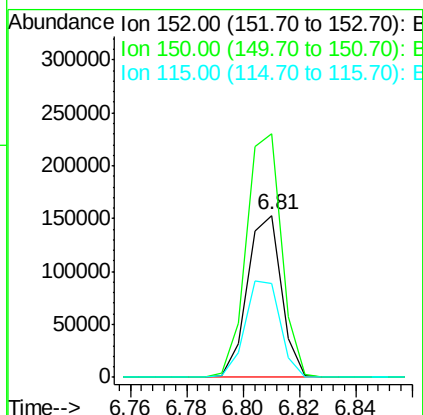
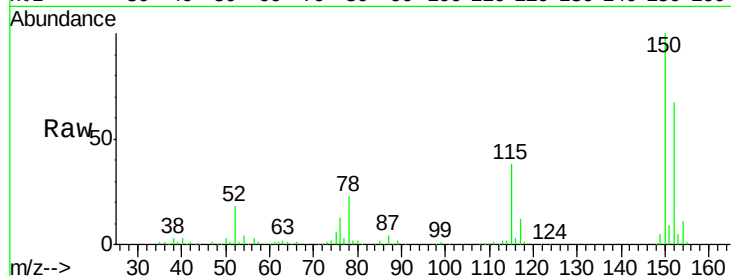


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104389.D
Acq: 9 Apr 2018 23:40

Instrument :
BNA_F
ClientSampleId :
DRUM-2-3-6-8-9-11-13

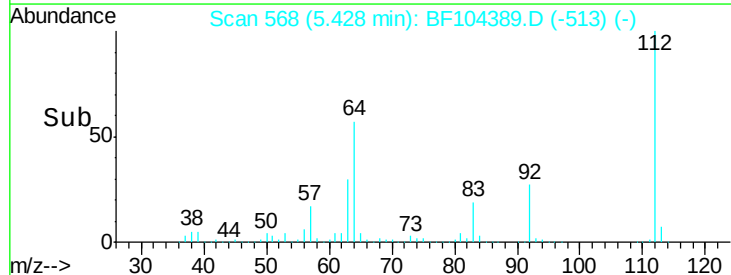
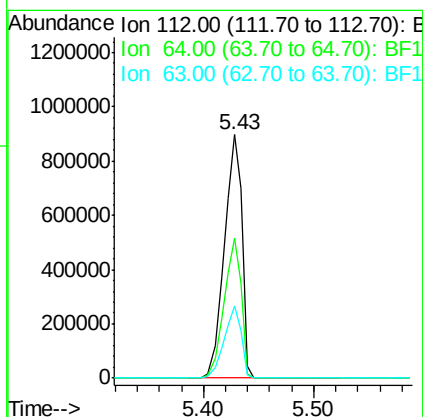
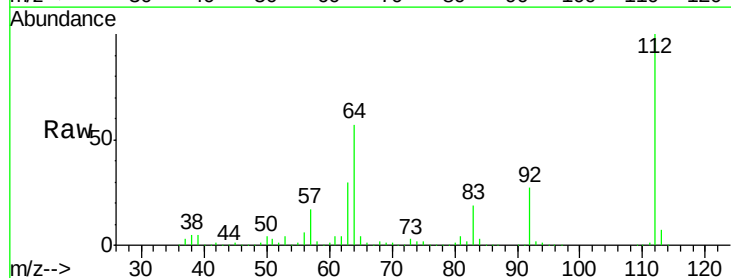
Tot Ion:152 Resp: 128495
Ion Ratio Lower Upper
152 100
150 150.1 124.6 186.8
115 57.6 50.1 75.1

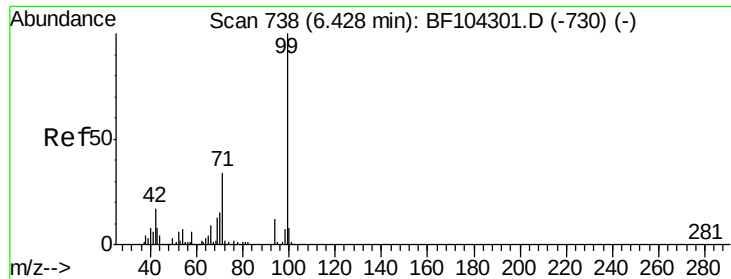


#5

2-Fluorophenol
Concen: 118.425 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104389.D
Acq: 9 Apr 2018 23:40

Tgt Ion:112 Resp: 995192
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 104.329 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-6-8-9-11-13

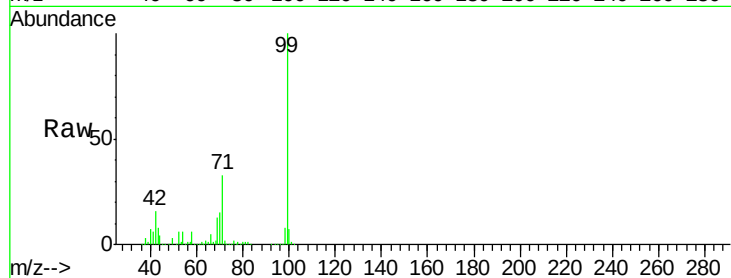
Tot Ion: 99 Resp: 1077218

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

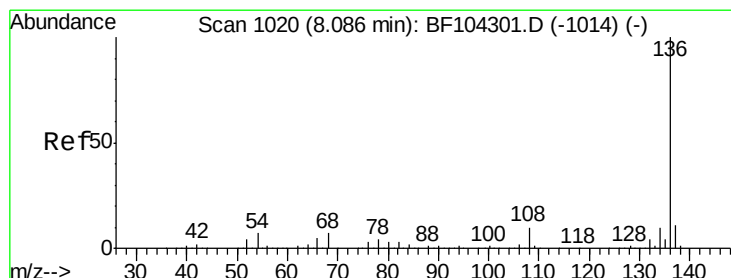
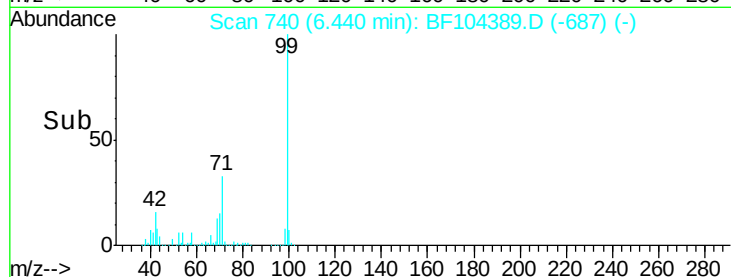
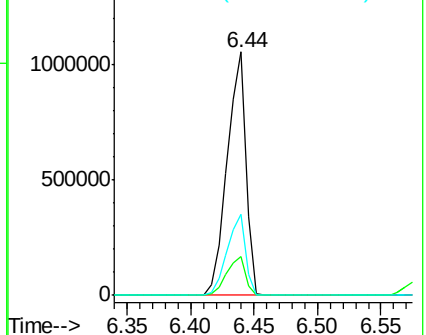
71 33.5 25.4 38.0



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. 0.00 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

Tgt Ion: 136 Resp: 491961

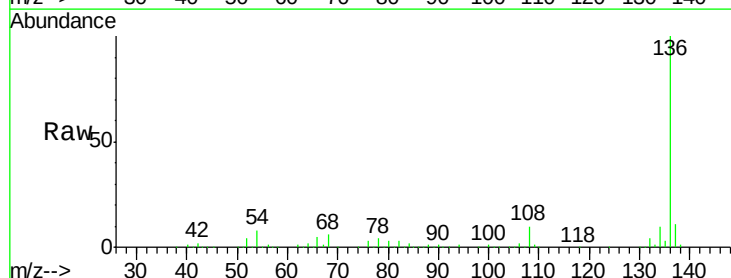
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

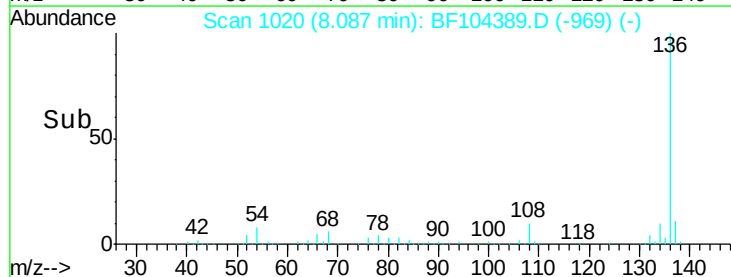
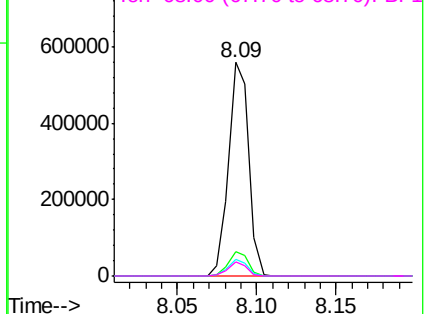


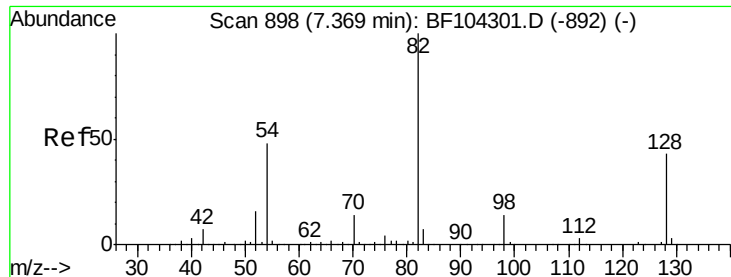
Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.057 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-6-8-9-11-13

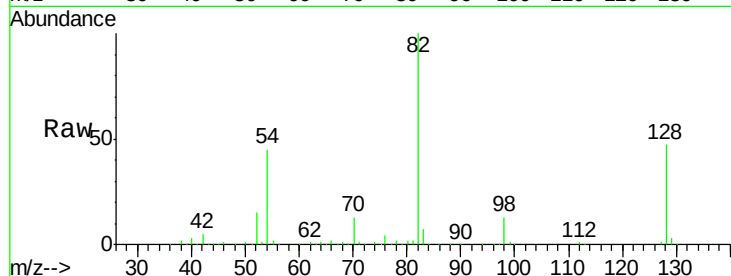
Tot Ion: 82 Resp: 806574

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

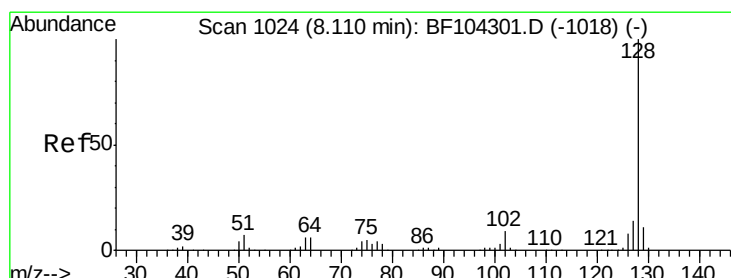
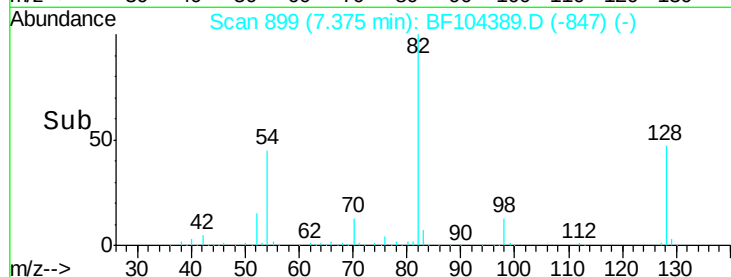
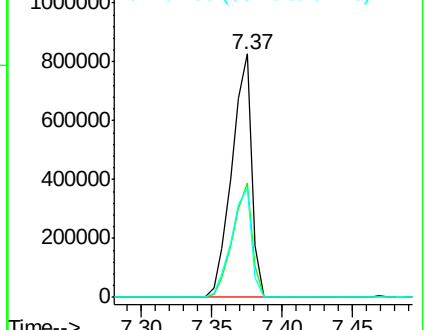
54 44.8 41.4 62.2



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



#31

Naphthalene

Concen: 3.746 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

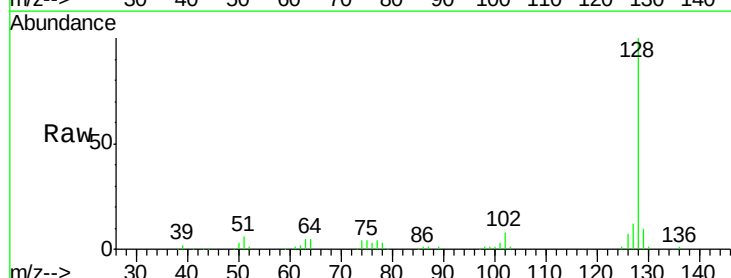
Tgt Ion: 128 Resp: 91775

Ion Ratio Lower Upper

128 100

129 10.0 8.8 13.2

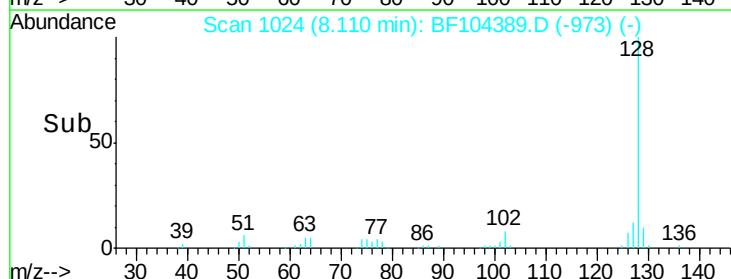
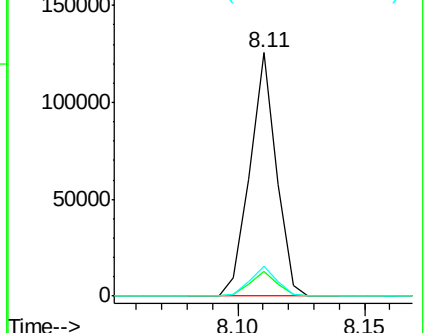
127 12.5 10.9 16.3

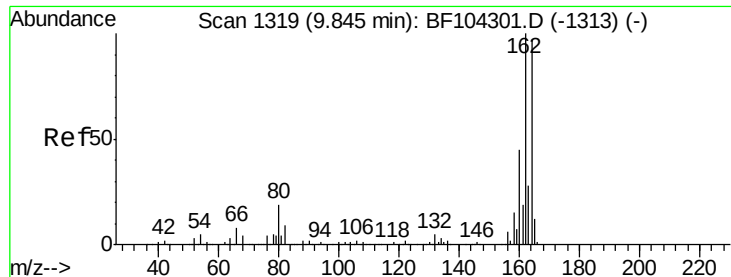


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-6-8-9-11-13

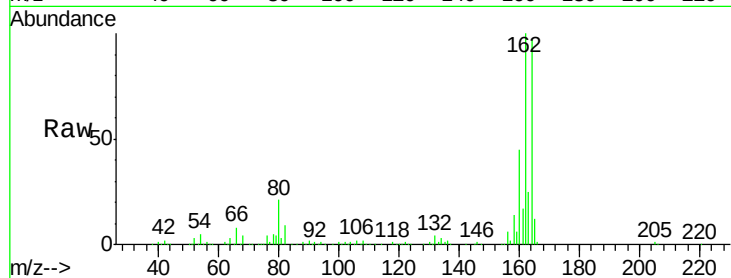
Tot Ion:164 Resp: 198855

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

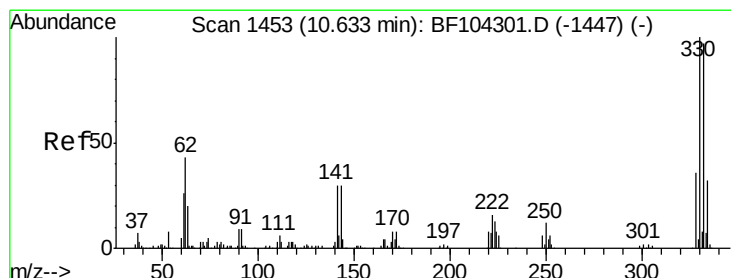
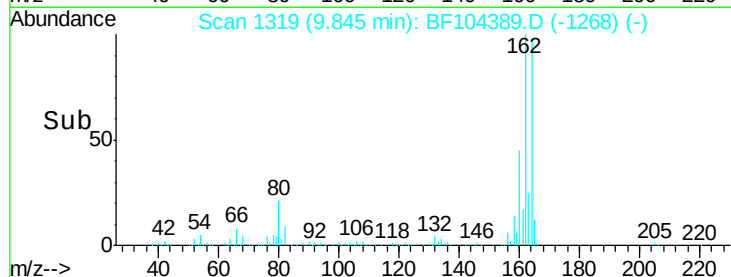
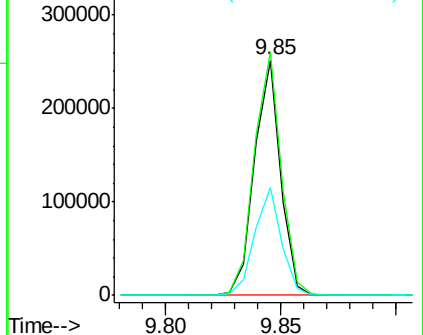
160 46.2 38.3 57.5



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: 124.829 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

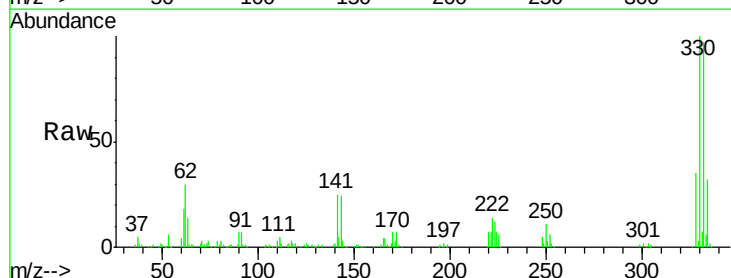
Tgt Ion:330 Resp: 257495

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

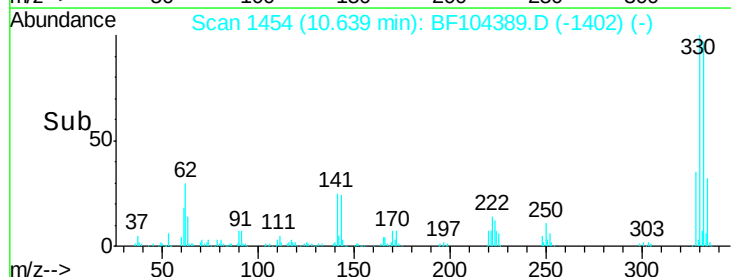
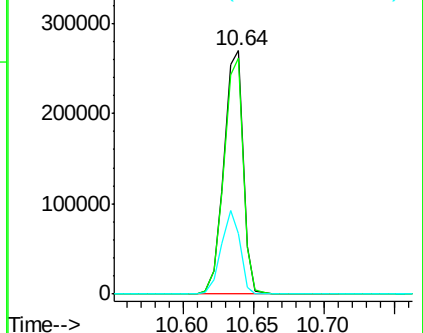
141 33.2 29.9 44.9

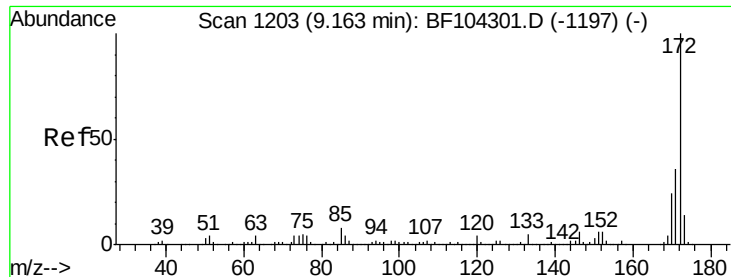


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



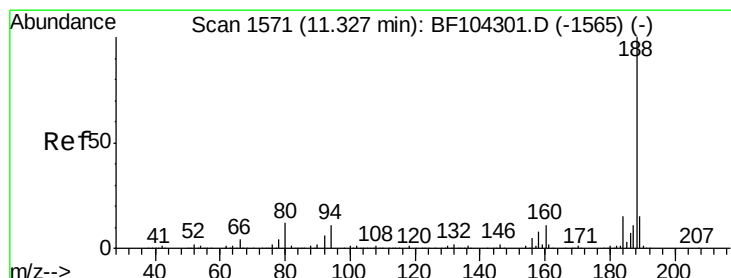
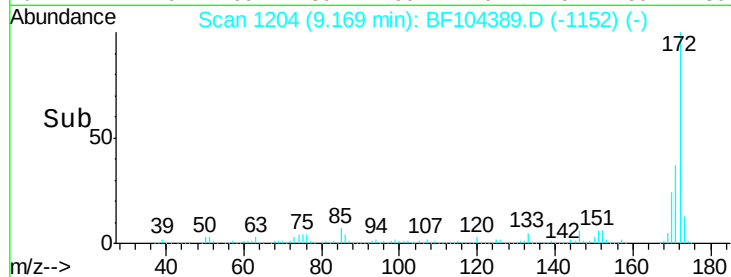
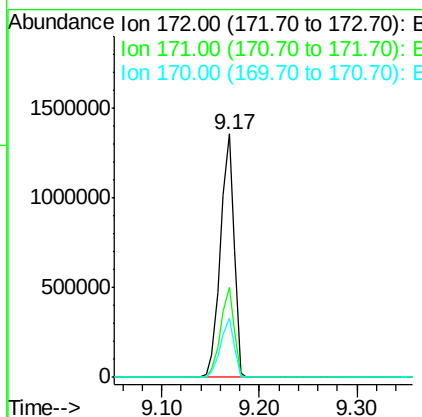
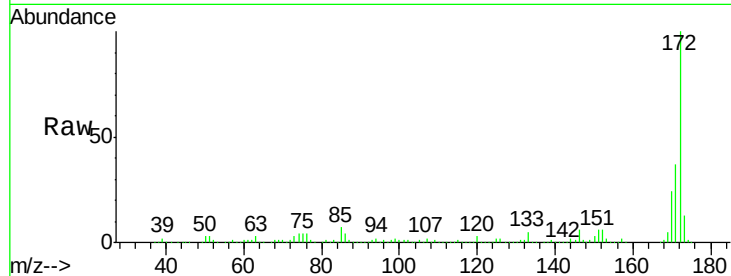


#44
 2-Fluorobiphenyl
 Concen: 104.601 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104389.D
 Acq: 9 Apr 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

Tot Ion:172 Resp: 1316696

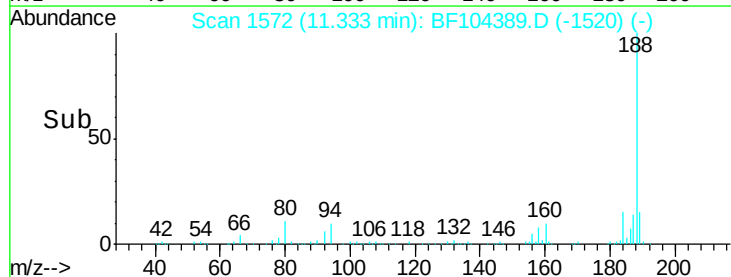
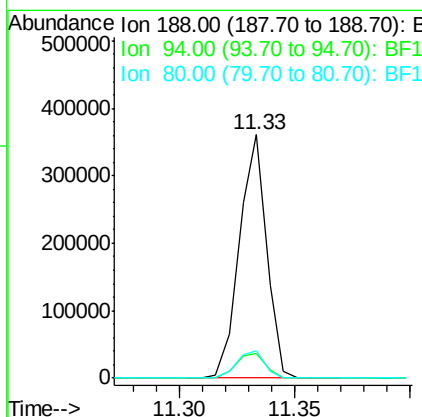
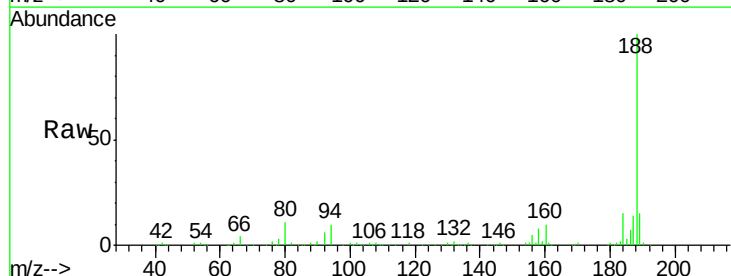
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4

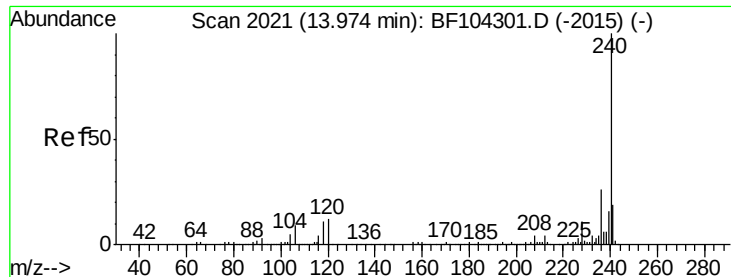


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104389.D
 Acq: 9 Apr 2018 23:40

Tgt Ion:188 Resp: 296490

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-6-8-9-11-13

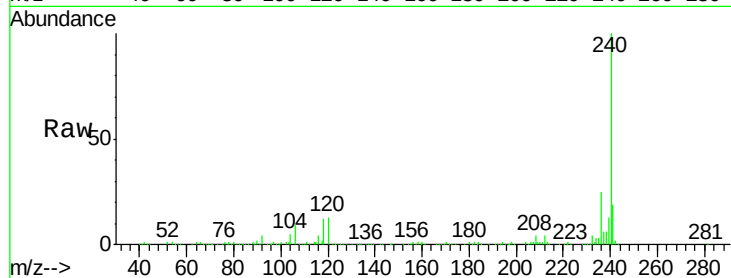
Tot Ion:240 Resp: 267897

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

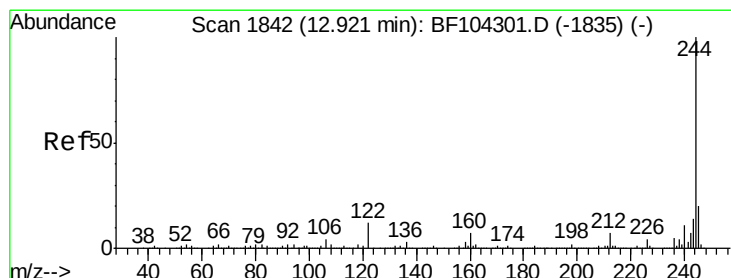
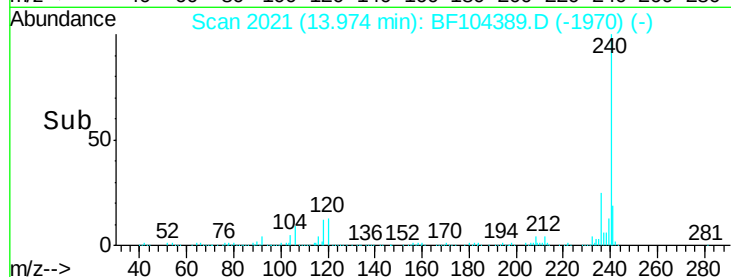
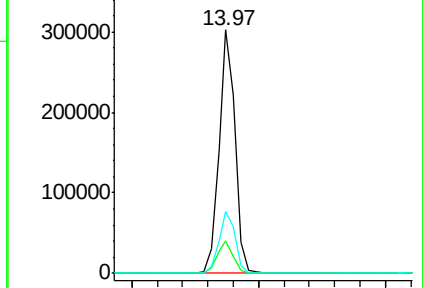
236 25.2 20.7 31.1



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: 89.773 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104389.D

Acq: 9 Apr 2018 23:40

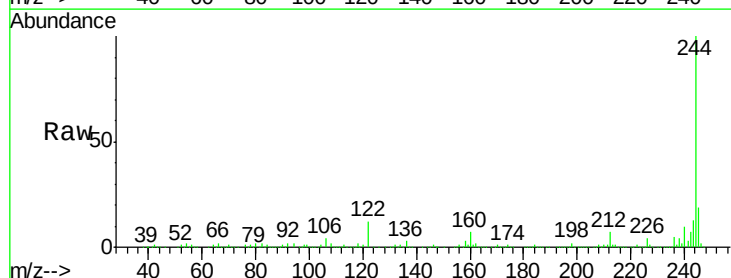
Tgt Ion:244 Resp: 1054901

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

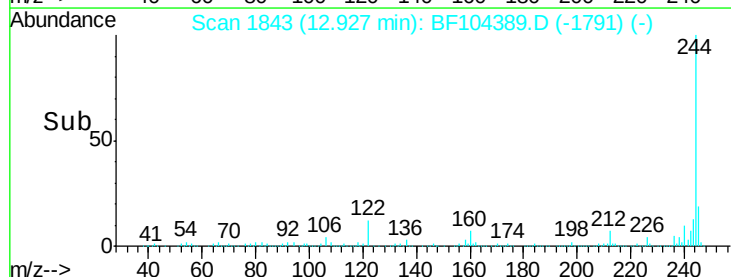
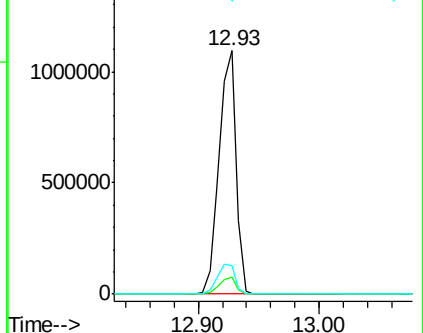
122 11.8 11.0 16.4

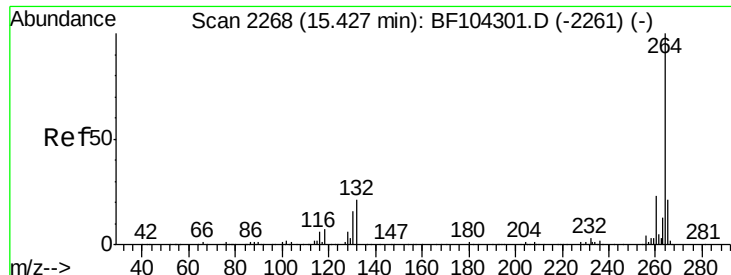


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2270
 Delta R.T. 0.01 min
 Lab File: BF104389.D
 Acq: 9 Apr 2018 23:40

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

