

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103899.D
 Acq On : 24 Mar 2018 00:30
 Operator : JU/SJ
 Sample : J2012-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031918-TIDO-F-D-B

Quant Time: Mar 24 03:19:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

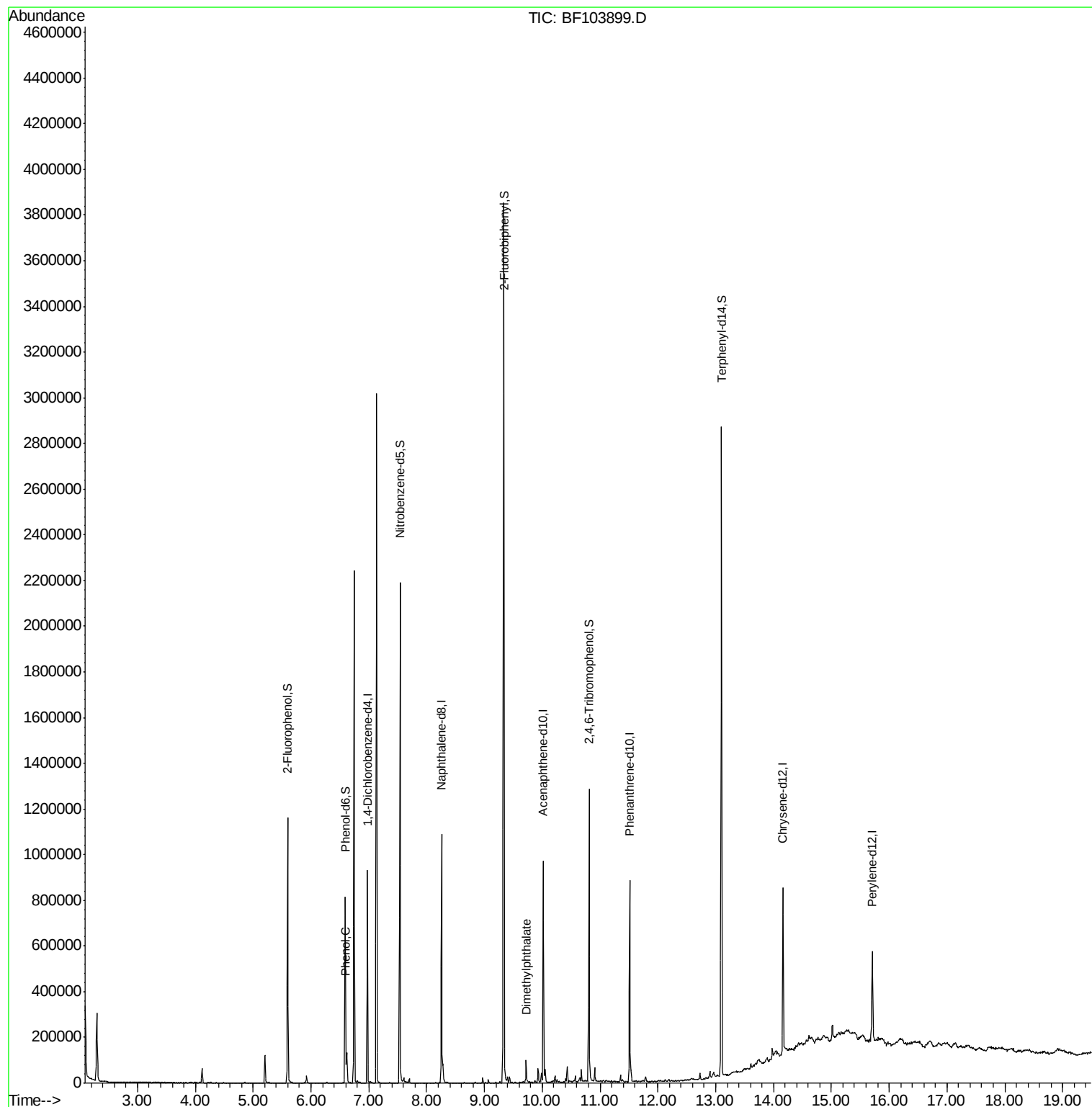
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126791	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	472562	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	187759	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	296287	20.00	ng	0.00
75) Chrysene-d12	14.16	240	247549	20.00	ng	0.00
86) Perylene-d12	15.71	264	178194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	356866	42.81	ng	0.00
7) Phenol-d6	6.59	99	285020	27.95	ng	0.00
23) Nitrobenzene-d5	7.54	82	720185	106.28	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	162374	100.58	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1230200	104.51	ng	0.00
78) Terphenyl-d14	13.10	244	1007183	94.44	ng	0.00
Target Compounds						
10) Phenol	6.60	94	27107	2.501	ng	95
49) Dimethylphthalate	9.72	163	40401	2.820	ng	99

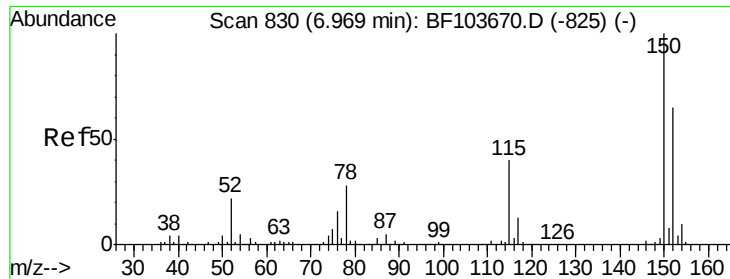
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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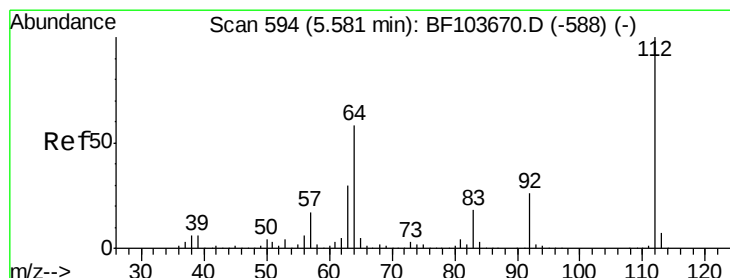
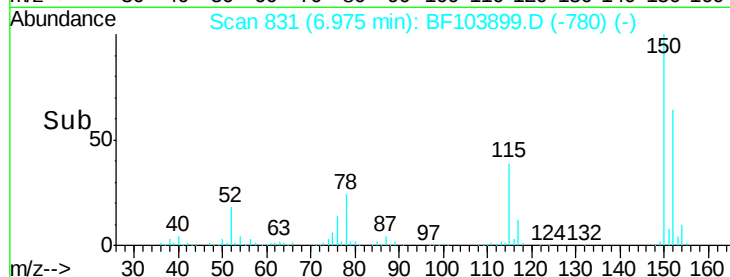
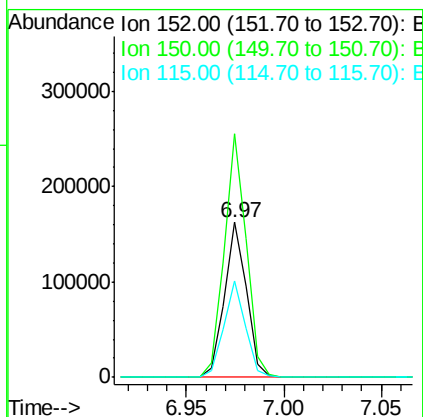
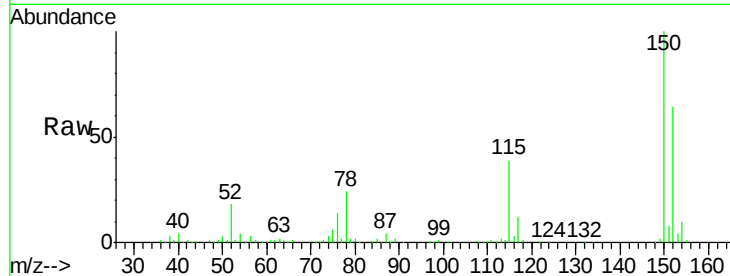


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :
031918-TIDO-F-D-B

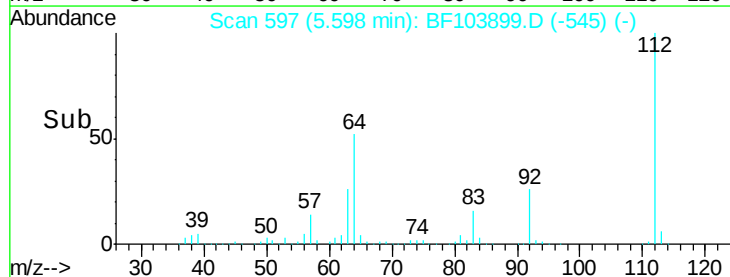
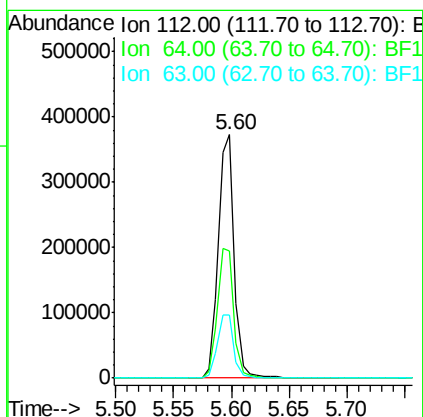
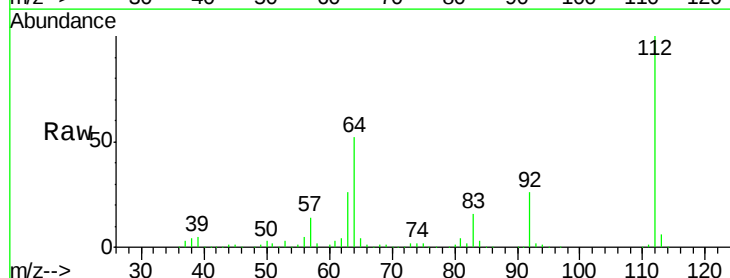
Tot Ion:152 Resp: 126791
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.0 50.1 75.1



#5

2-Fluorophenol
Concen: 42.810 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion:112 Resp: 356866
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.7 23.7 35.5





#7

Phenol-d6

Concen: 27.947 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-D-B

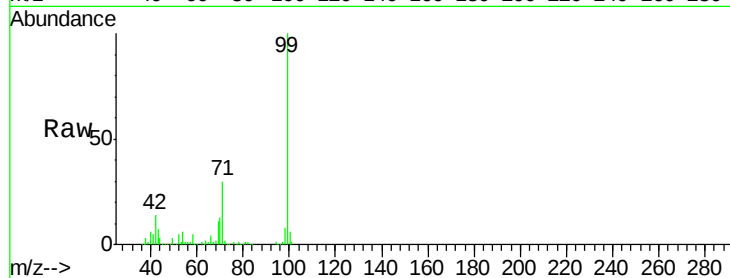
Tot Ion: 99 Resp: 285020

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

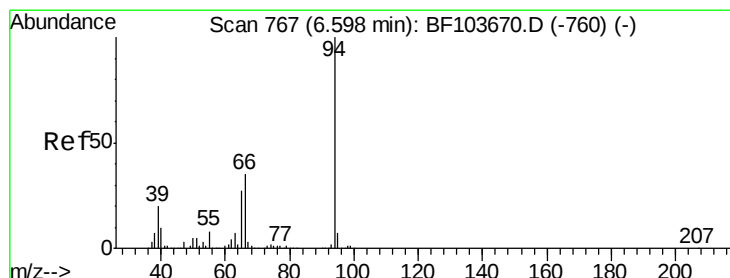
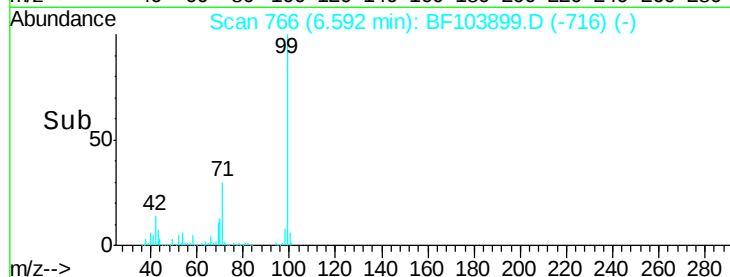
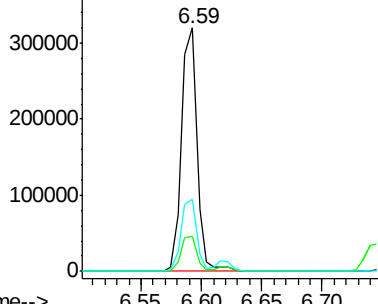
71 29.7 25.4 38.0



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



#10

Phenol

Concen: 2.501 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

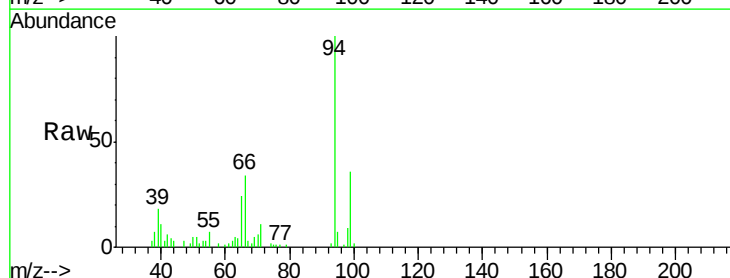
Tgt Ion: 94 Resp: 27107

Ion Ratio Lower Upper

94 100

65 23.8 7.9 47.9

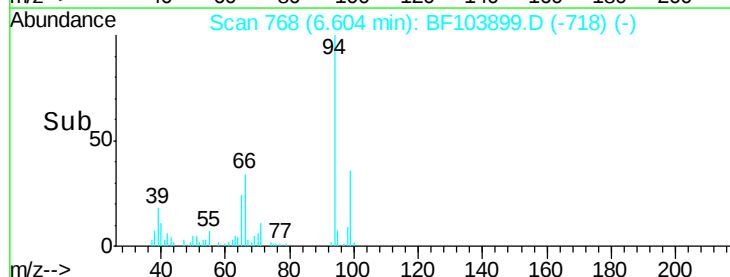
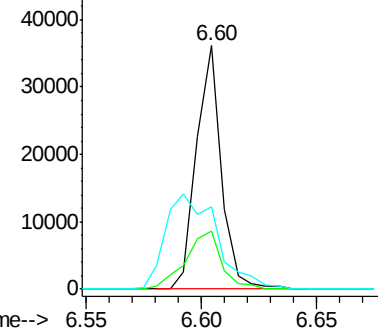
66 34.0 16.2 56.2

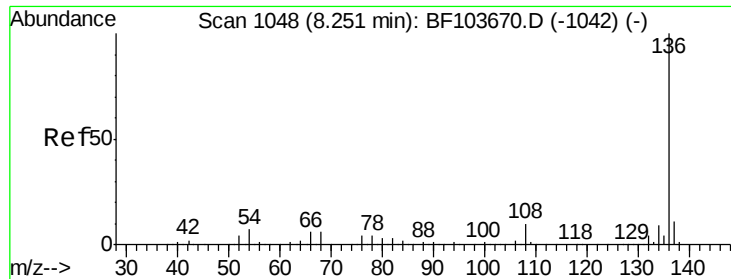


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

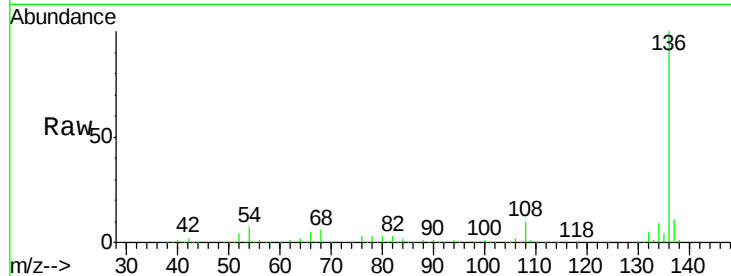




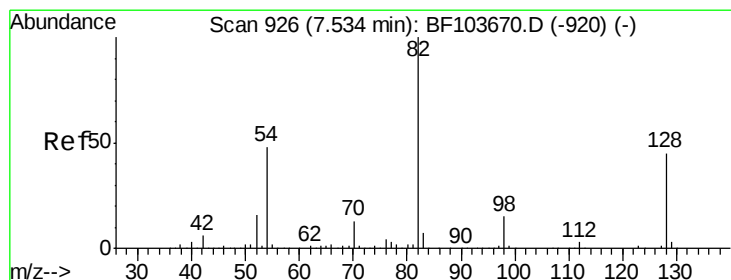
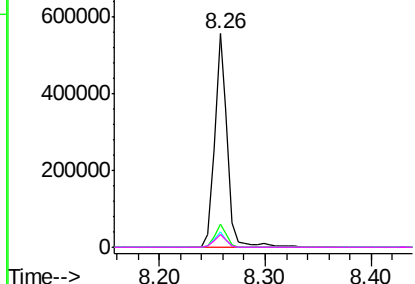
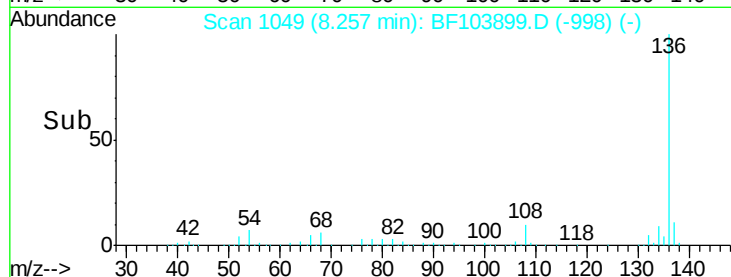
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :
031918-TIDO-F-D-B

Tot Ion:136 Resp: 472562
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.9 6.6 9.8
68 6.2 5.0 7.4

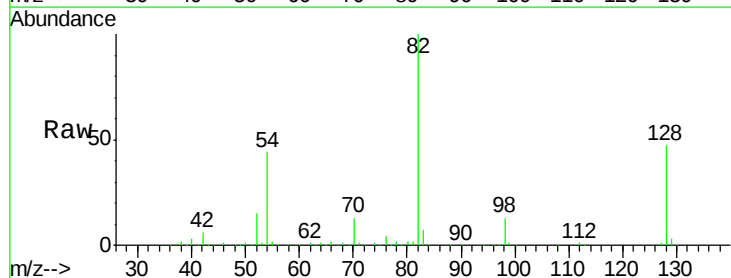


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

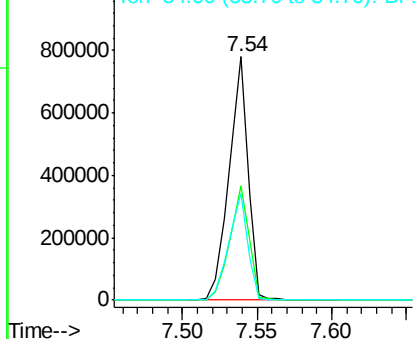
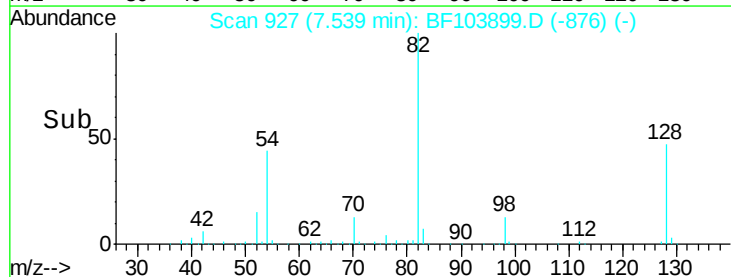


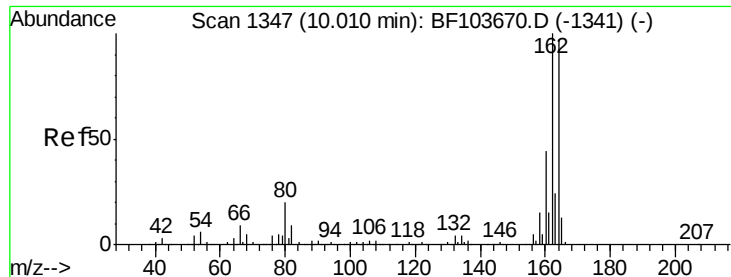
#23
Nitrobenzene-d5
Concen: 106.278 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion: 82 Resp: 720185
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 43.9 41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-D-B

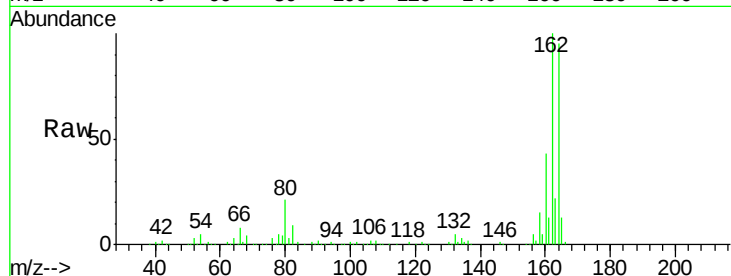
Tot Ion:164 Resp: 187759

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

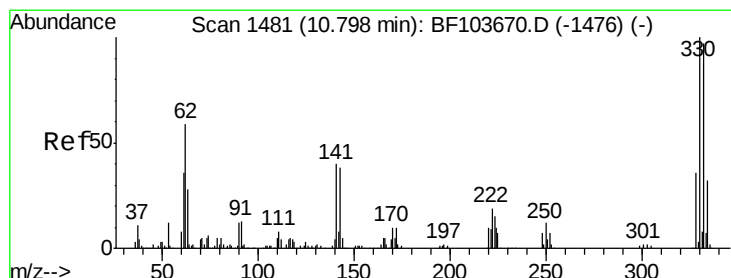
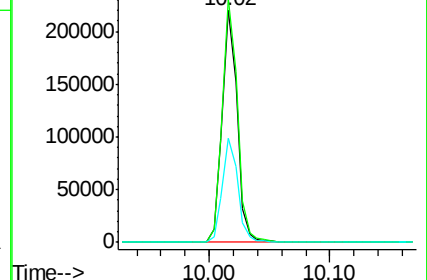
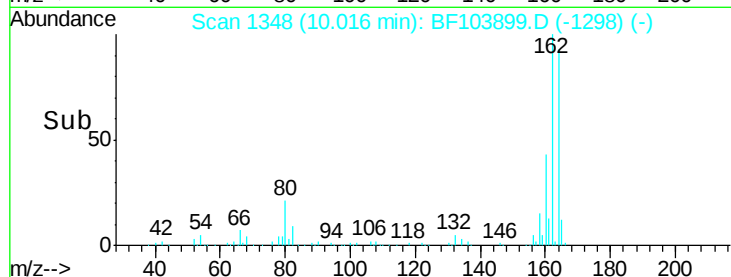
160 45.2 38.3 57.5



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: 100.581 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

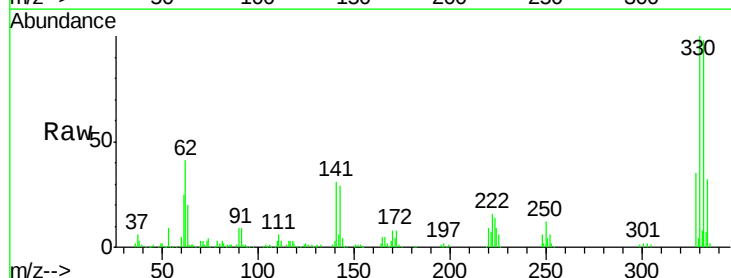
Tgt Ion:330 Resp: 162374

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

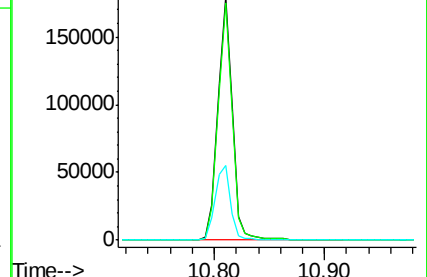
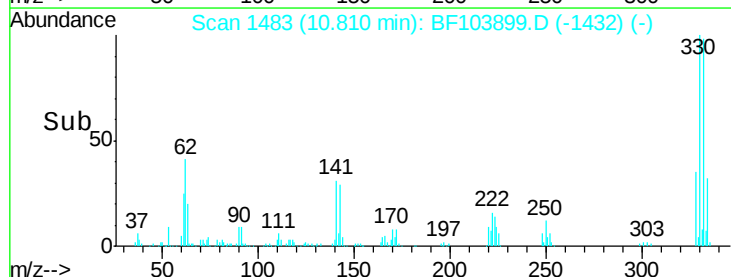
141 32.8 29.9 44.9



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

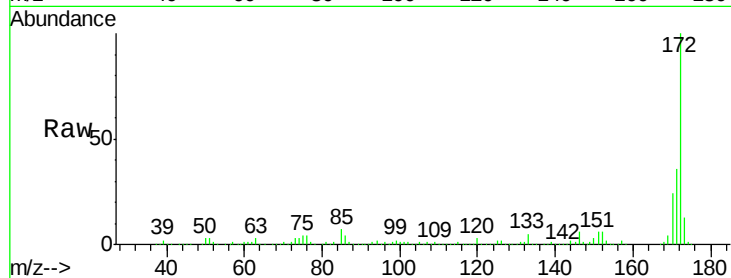




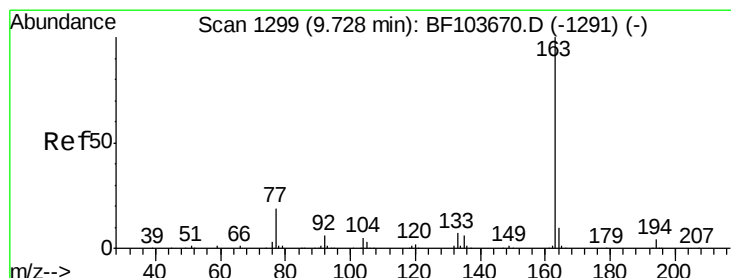
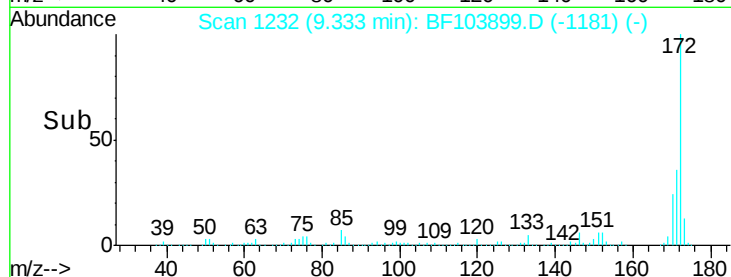
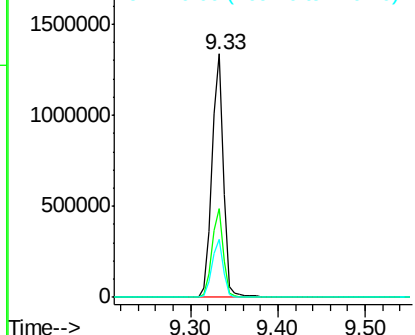
#44
2-Fluorobiphenyl
Concen: 104.514 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :
031918-TIDO-F-D-B

Tot Ion:172 Resp: 1230200
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.8 19.6 29.4

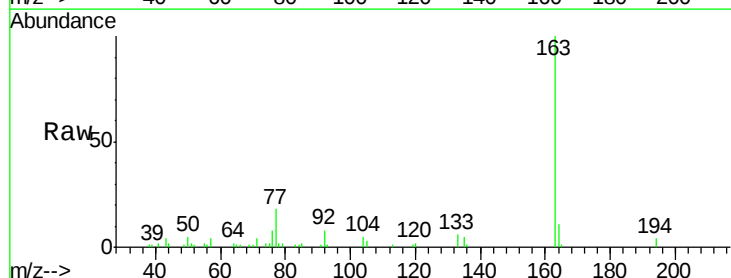


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

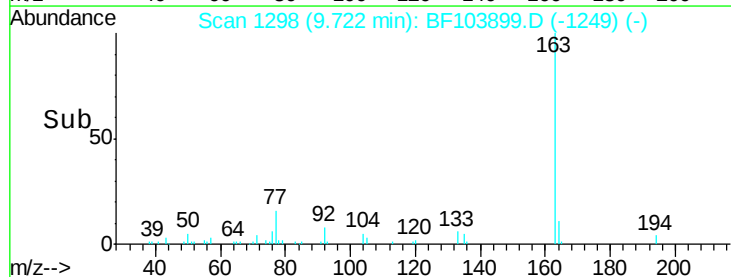
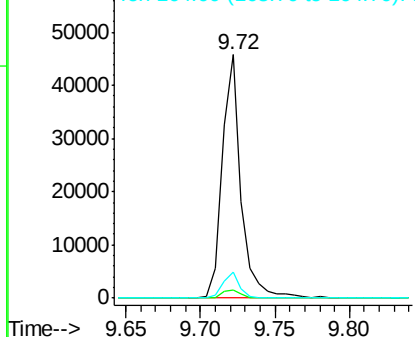


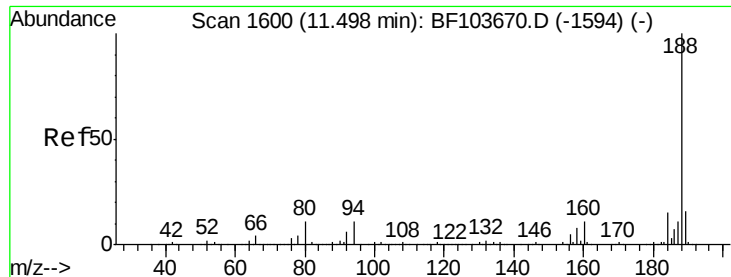
#49
Dimethylphthalate
Concen: 2.820 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion:163 Resp: 40401
Ion Ratio Lower Upper
163 100
194 3.5 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

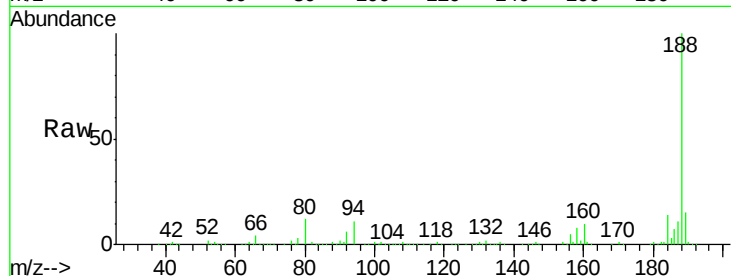




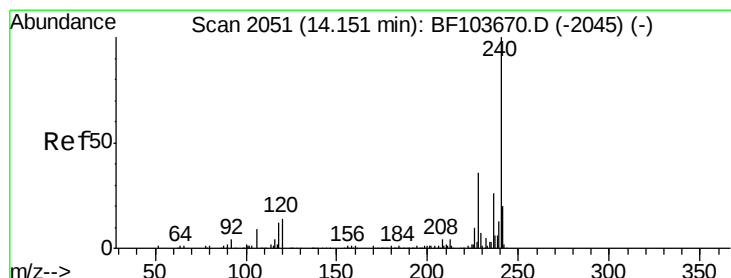
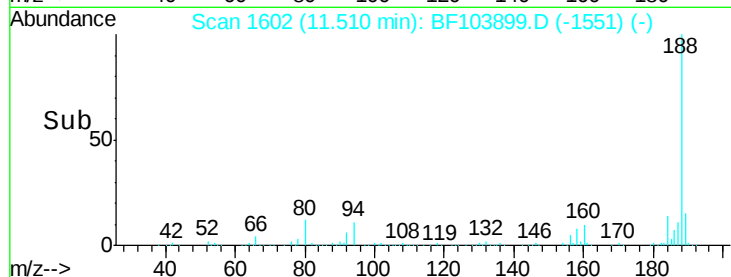
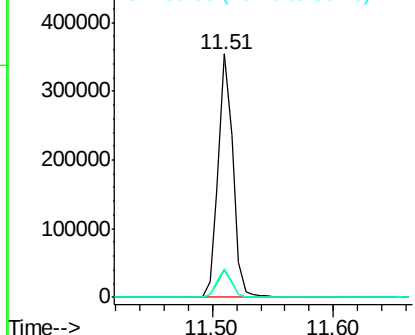
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Instrument :
BNA_F
ClientSampleId :
031918-TIDO-F-D-B

Tot Ion:188 Resp: 296287
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8

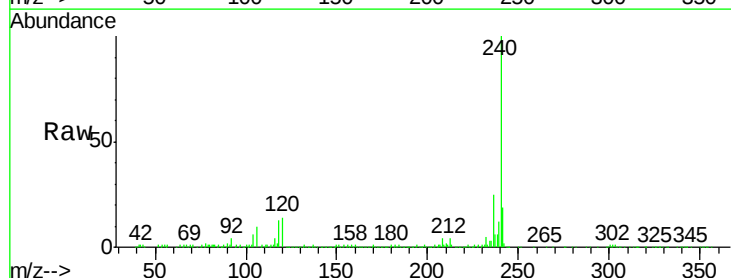


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

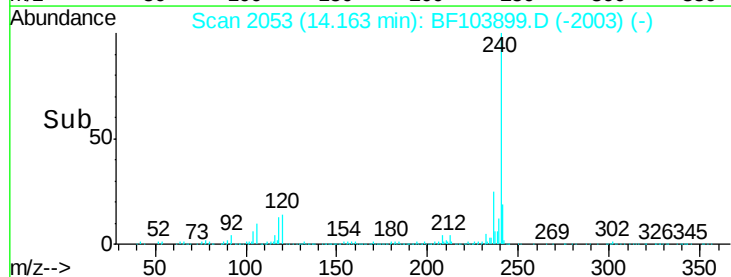
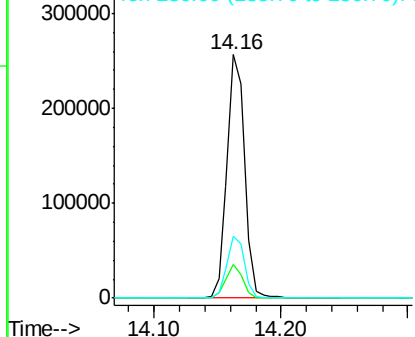


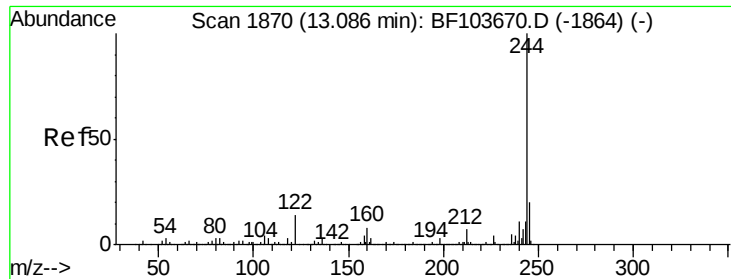
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103899.D
Acq: 24 Mar 2018 00:30

Tgt Ion:240 Resp: 247549
Ion Ratio Lower Upper
240 100
120 13.7 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: 94.439 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

Instrument :

BNA_F

ClientSampleId :

031918-TIDO-F-D-B

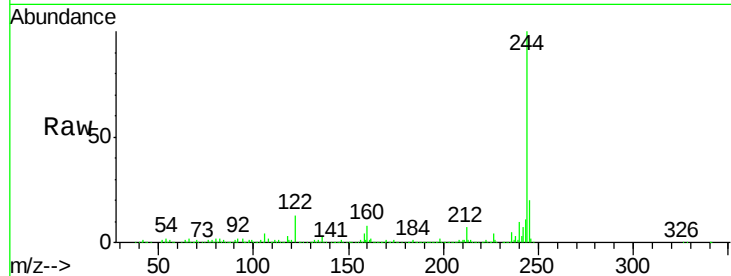
Tot Ion:244 Resp: 1007183

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

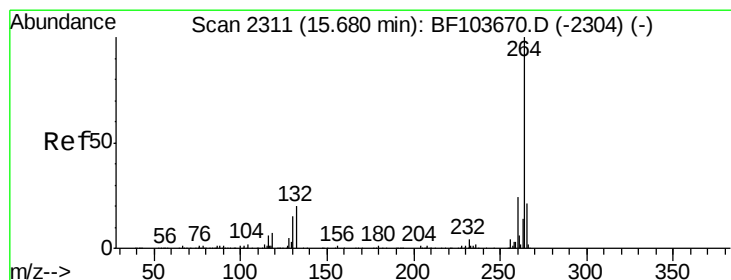
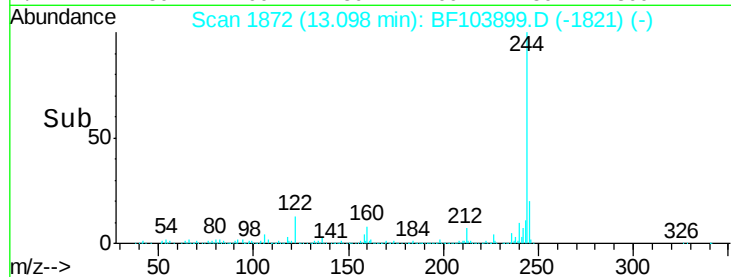
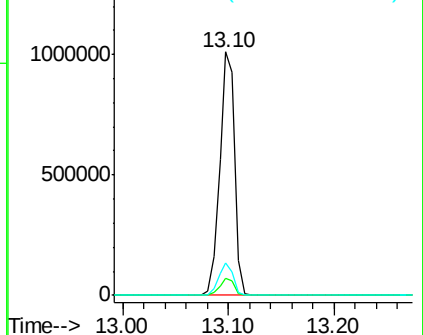
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BF103899.D

Acq: 24 Mar 2018 00:30

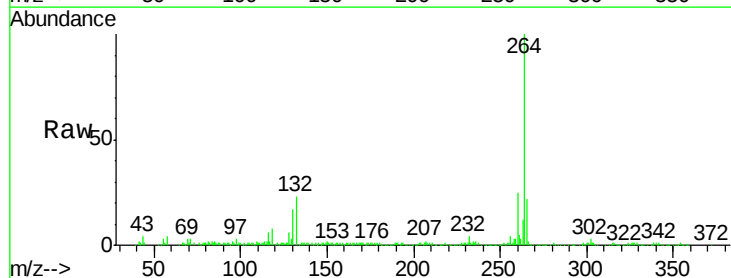
Tgt Ion:264 Resp: 178194

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.5 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

