

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103761.D
 Acq On : 19 Mar 2018 17:49
 Operator : JU/SJ
 Sample : PB107477BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107477BL

Quant Time: Mar 20 01:09:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160128	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	658820	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	312266	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	589570	20.00	ng	0.00
75) Chrysene-d12	14.16	240	518805	20.00	ng	0.00
86) Perylene-d12	15.69	264	426298	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1053667	100.08	ng	0.02
7) Phenol-d6	6.59	99	1262302	98.00	ng	0.00
23) Nitrobenzene-d5	7.53	82	794537	84.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	319645	119.05	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1382529	70.62	ng	0.00
78) Terphenyl-d14	13.09	244	1499936	67.11	ng	0.00

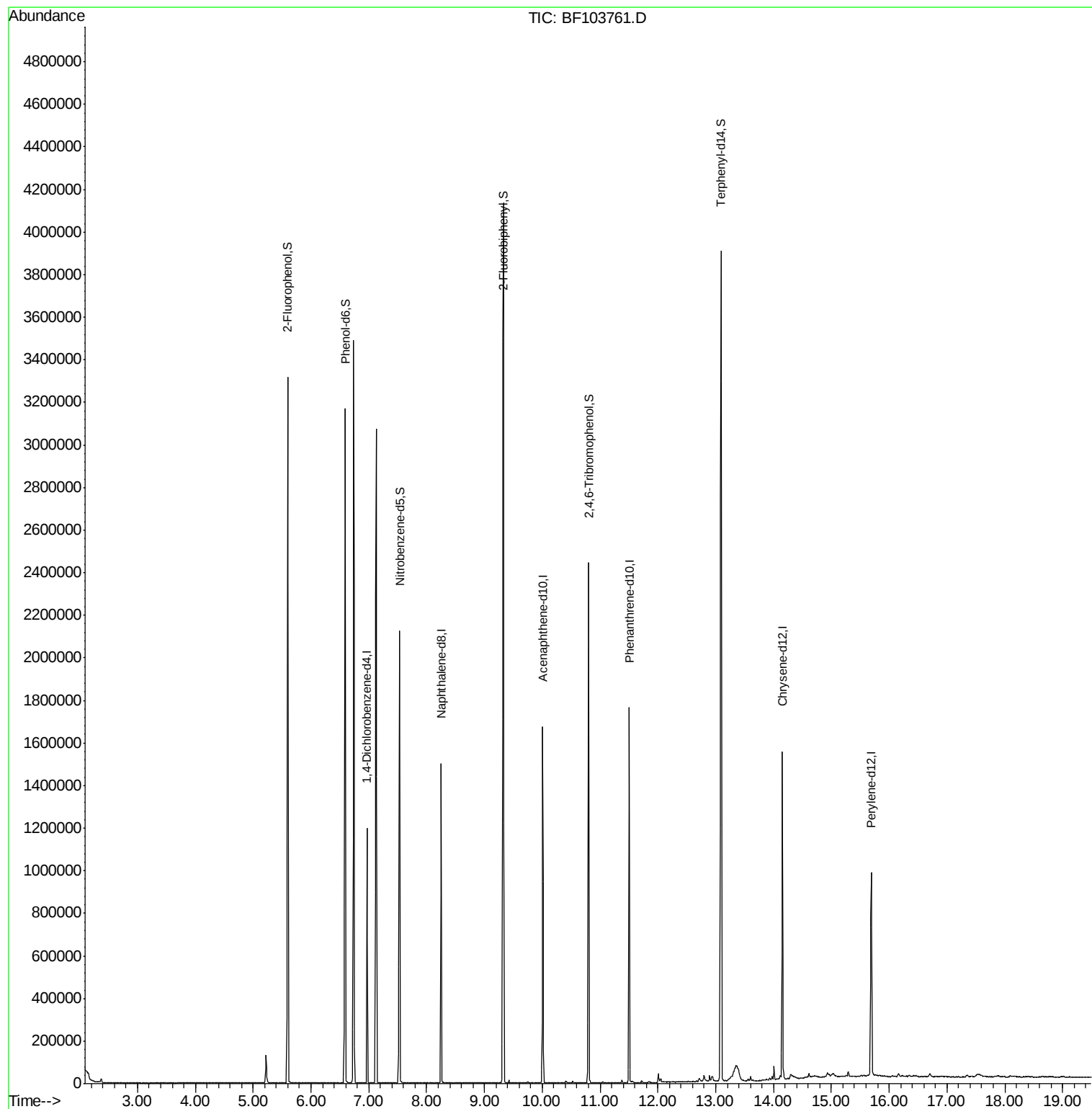
Target Compounds Qvalue

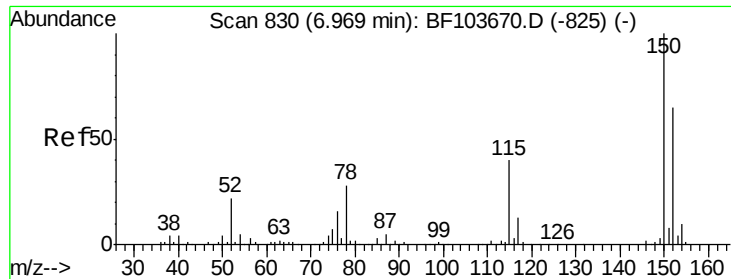
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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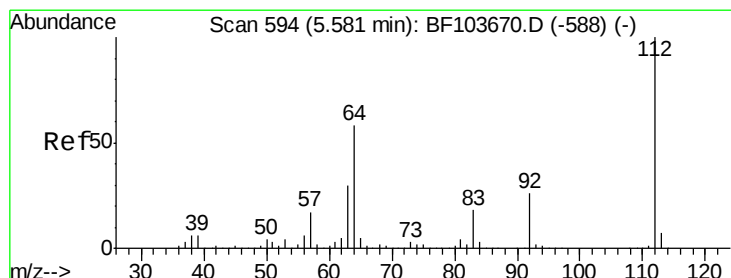
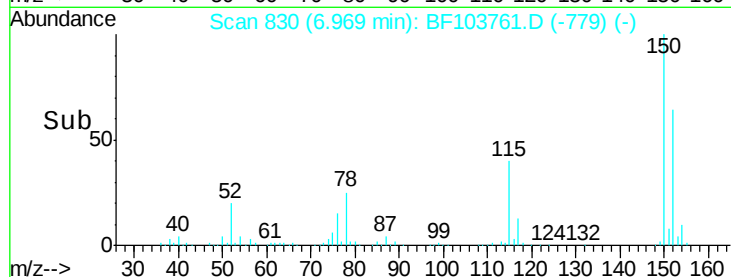
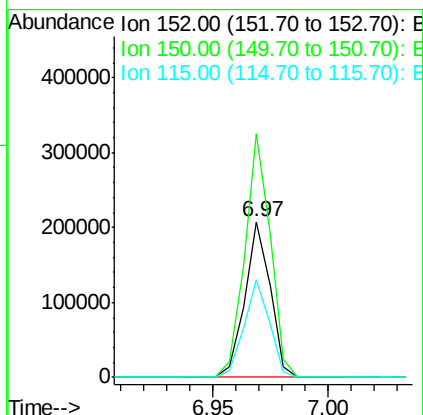
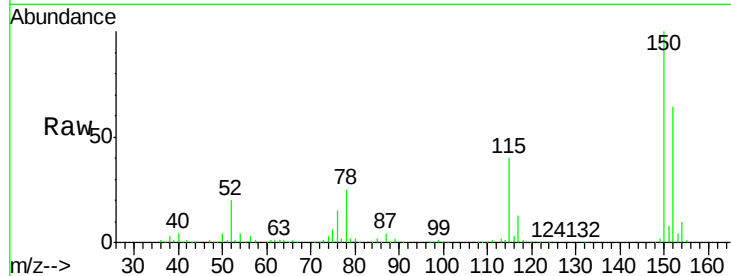


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103761.D
Acq: 19 Mar 2018 17:49

Instrument :
BNA_F
ClientSampleId :
PB107477BL

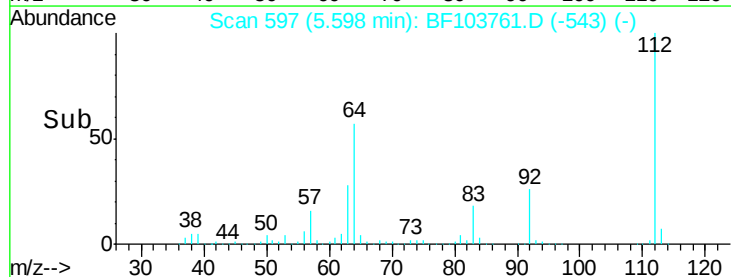
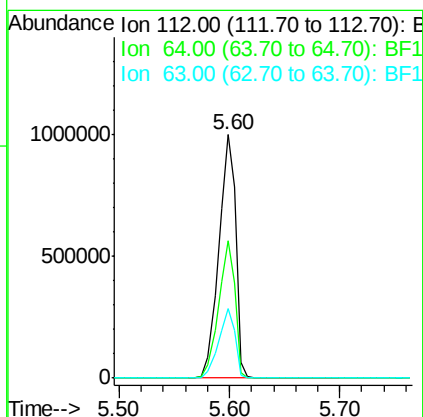
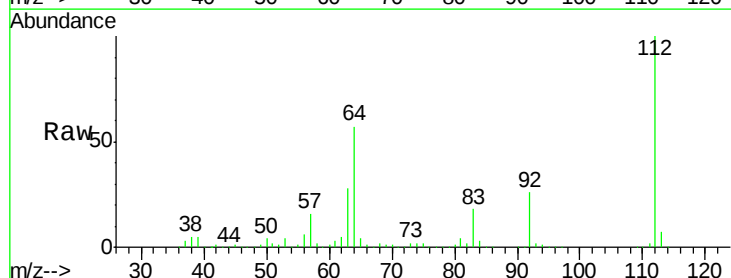
Tot Ion:152 Resp: 160128
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.7 50.1 75.1



#5

2-Fluorophenol
Concen: 100.084 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103761.D
Acq: 19 Mar 2018 17:49

Tgt Ion:112 Resp: 1053667
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 98.004 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

Instrument :

BNA_F

ClientSampleId :

PB107477BL

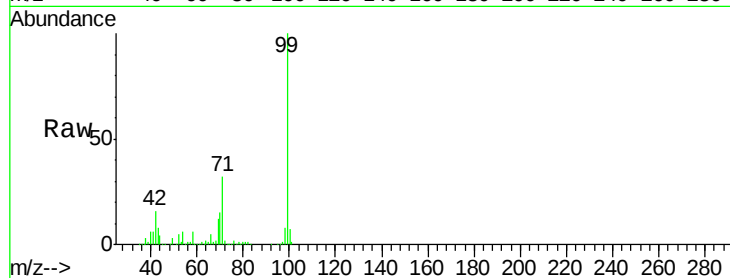
Tot Ion: 99 Resp: 1262302

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

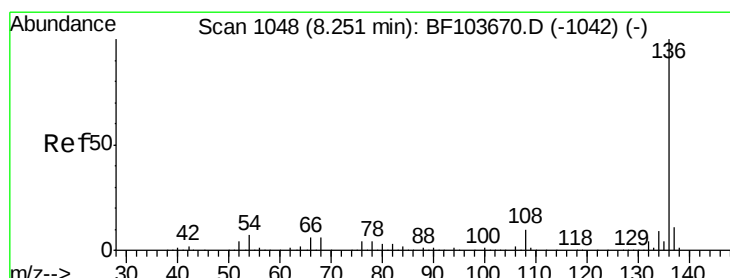
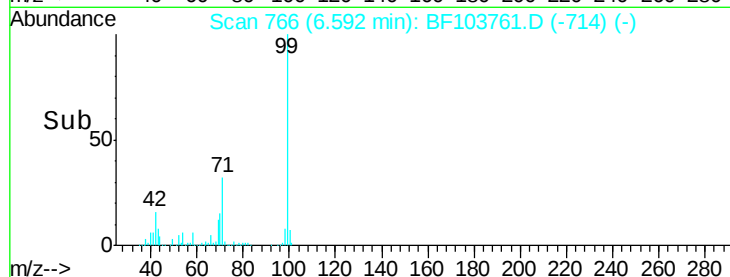
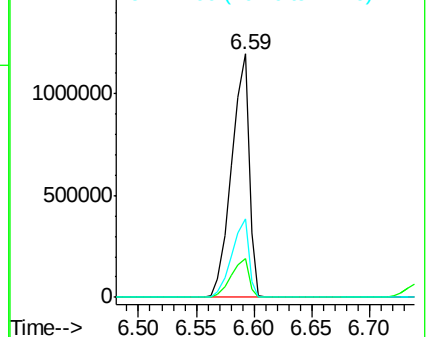
71 32.5 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

Tgt Ion: 136 Resp: 658820

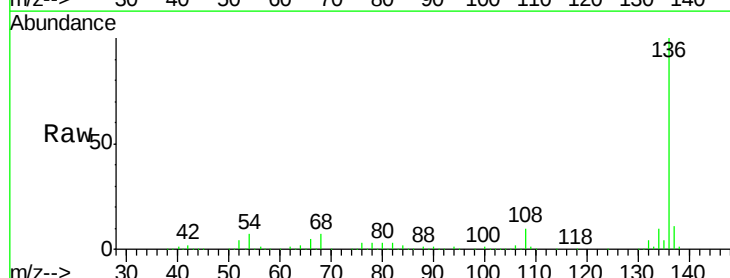
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.6 5.0 7.4

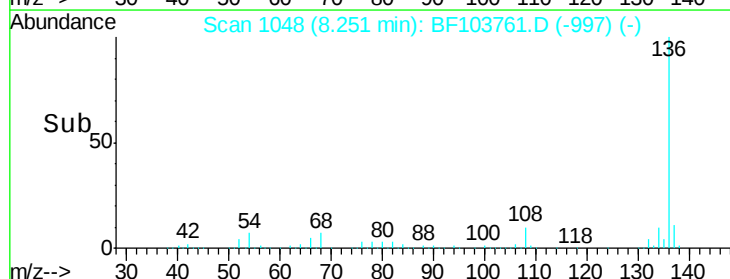
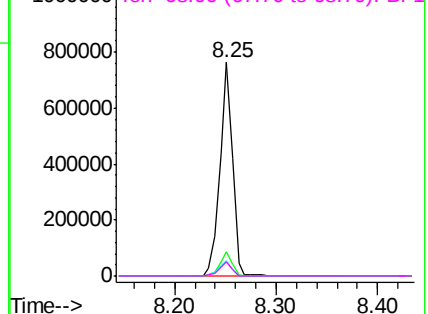


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.102 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

Instrument :

BNA_F

ClientSampleId :

PB107477BL

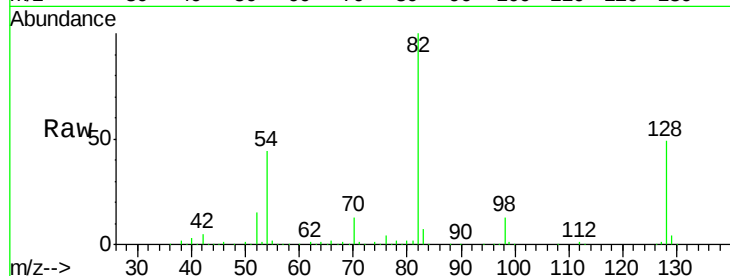
Tot Ion: 82 Resp: 794537

Ion Ratio Lower Upper

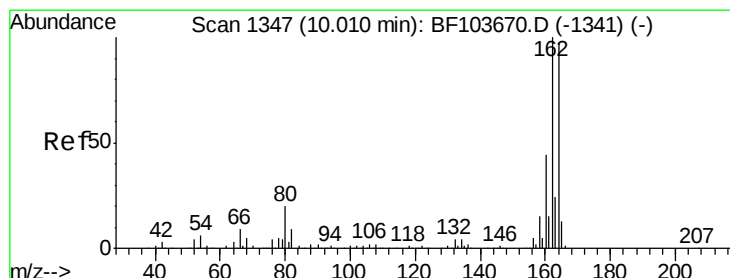
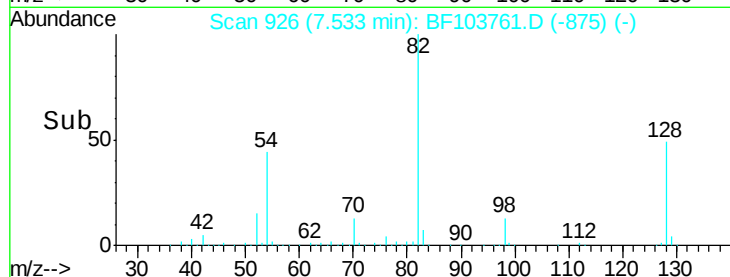
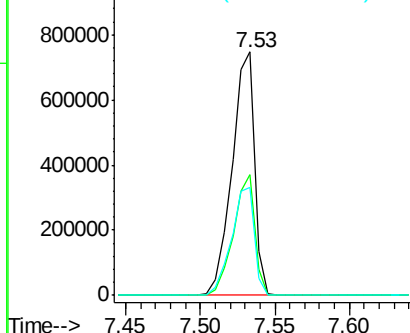
82 100

128 49.4 36.1 54.1

54 44.3 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

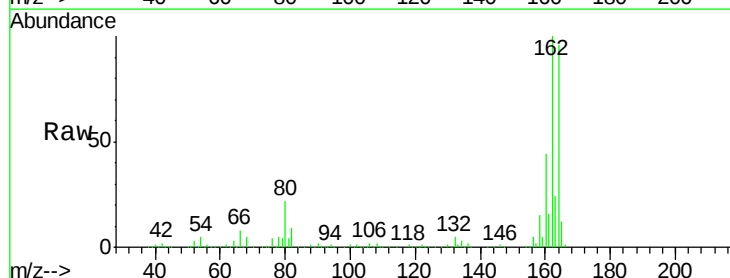
Tgt Ion:164 Resp: 312266

Ion Ratio Lower Upper

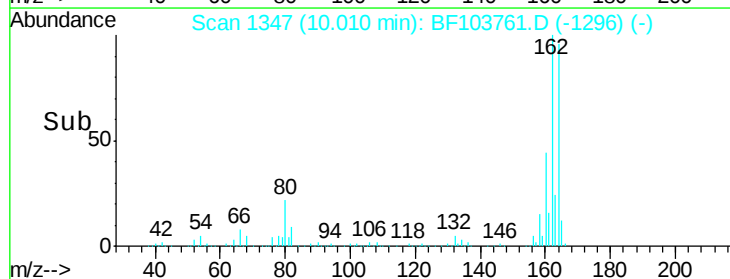
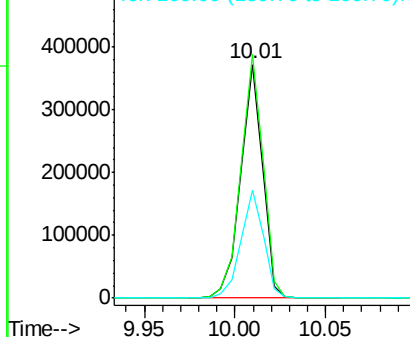
164 100

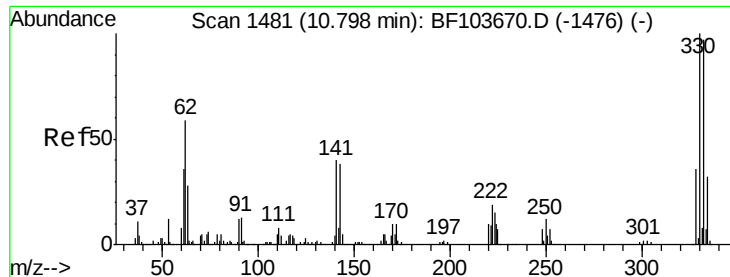
162 104.1 86.1 129.1

160 46.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 119.054 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

Instrument :

BNA_F

ClientSampleId :

PB107477BL

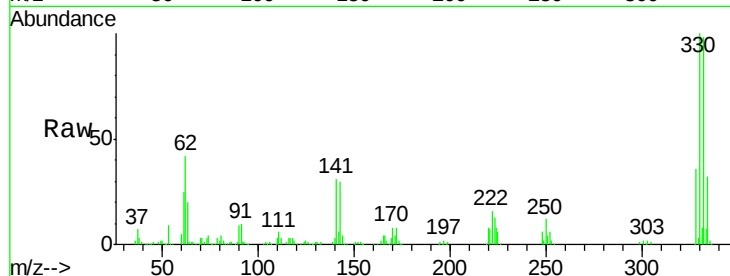
Tot Ion:330 Resp: 319645

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

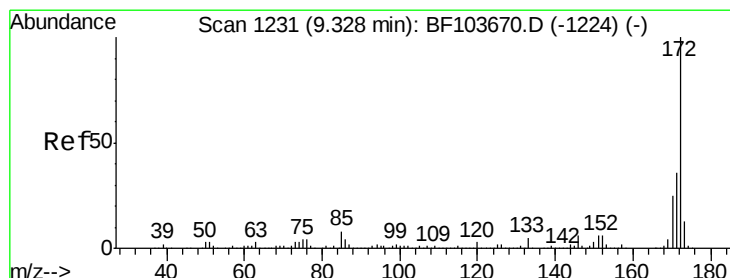
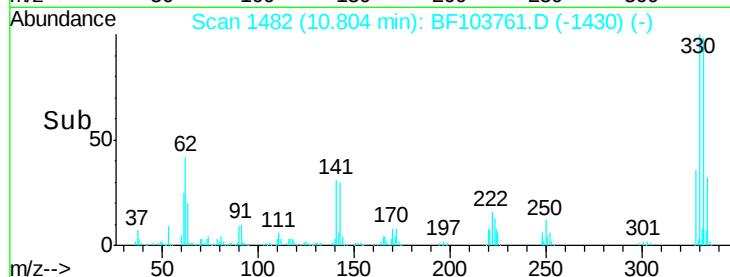
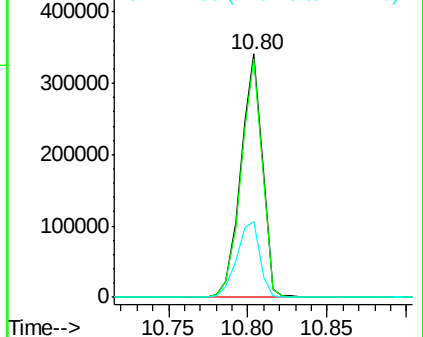
141 33.7 29.9 44.9



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: 70.624 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

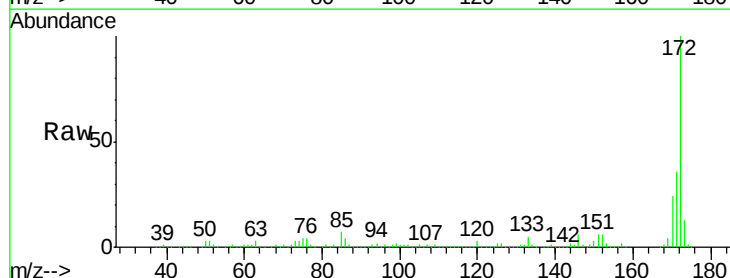
Tgt Ion:172 Resp: 1382529

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

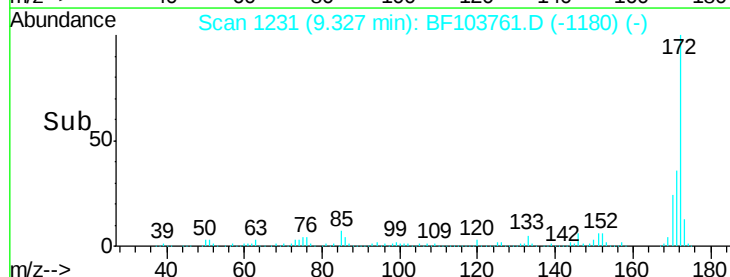
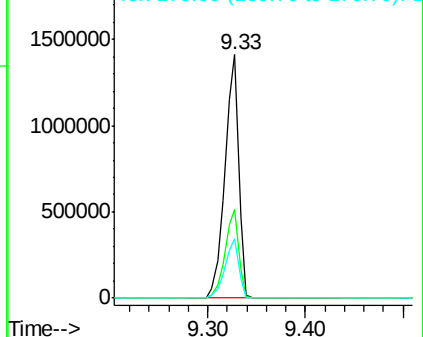
170 24.3 19.6 29.4

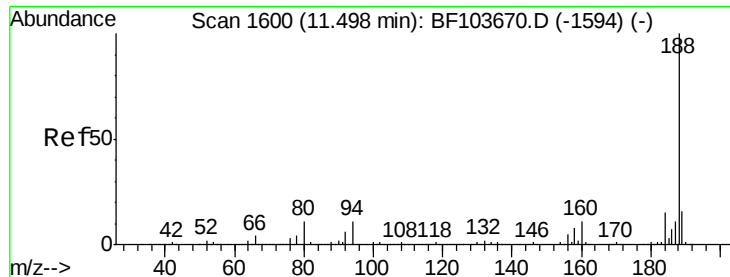


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

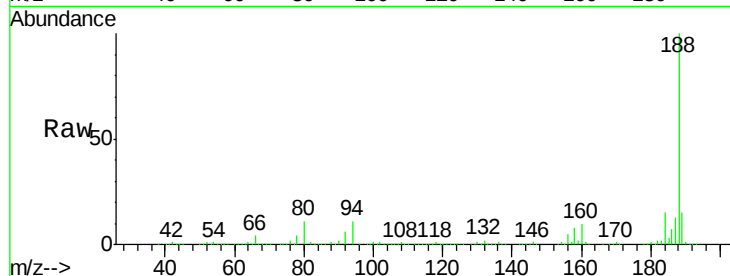




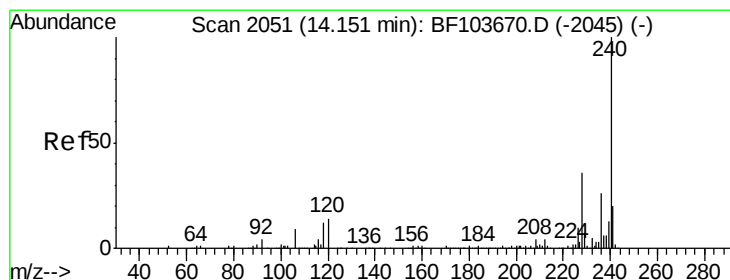
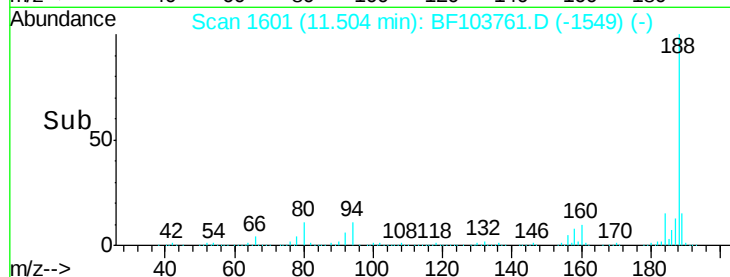
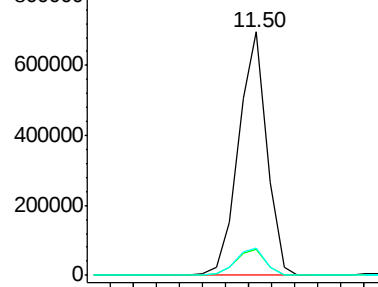
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103761.D
Acq: 19 Mar 2018 17:49

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

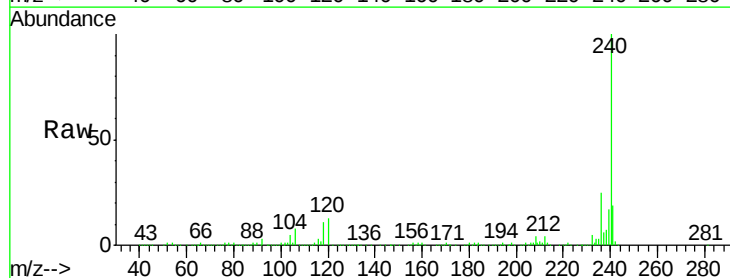


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

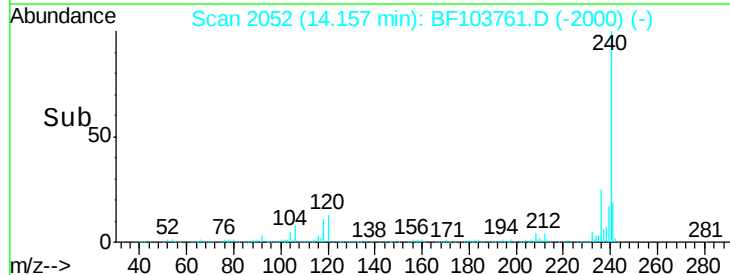
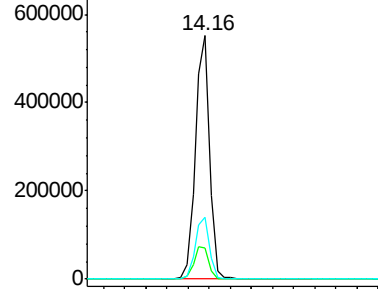


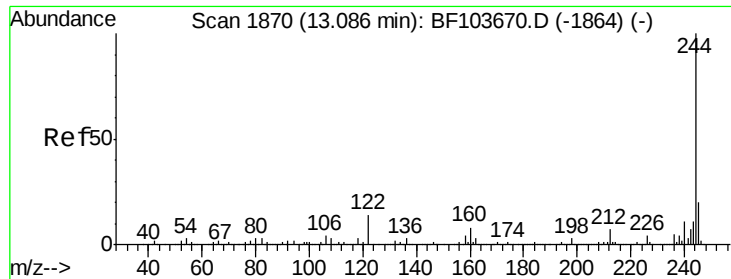
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103761.D
Acq: 19 Mar 2018 17:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.4	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: 67.107 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

Instrument :

BNA_F

ClientSampleId :

PB107477BL

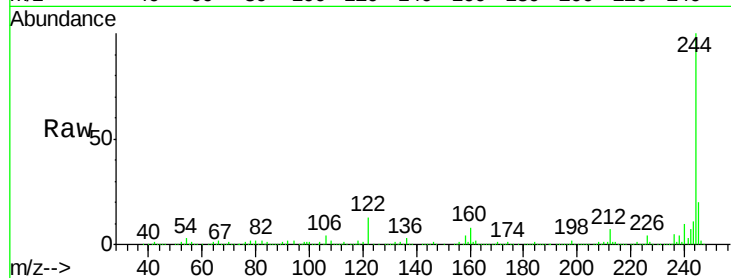
Tot Ion:244 Resp: 1499936

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

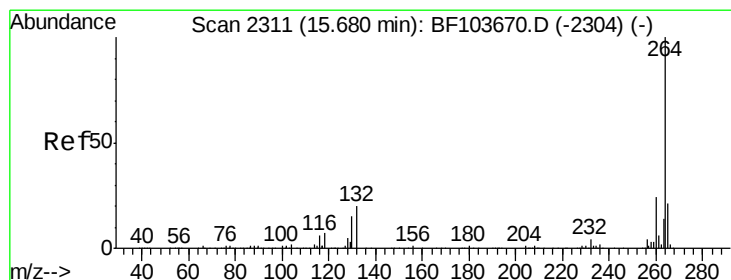
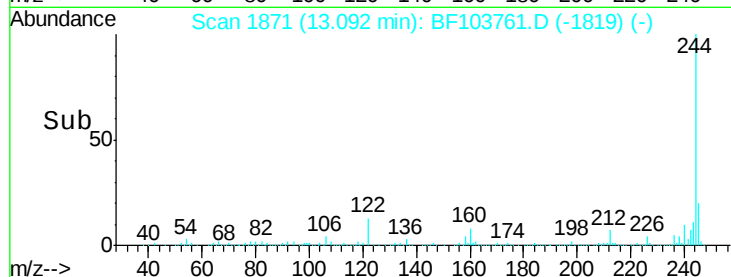
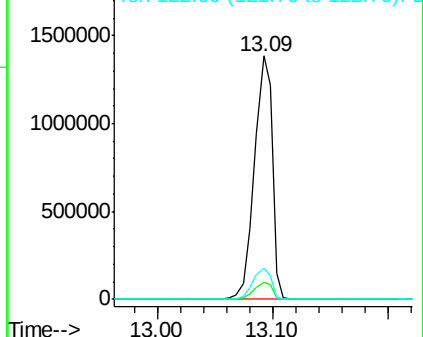
122 13.0 11.0 16.4



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: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF103761.D

Acq: 19 Mar 2018 17:49

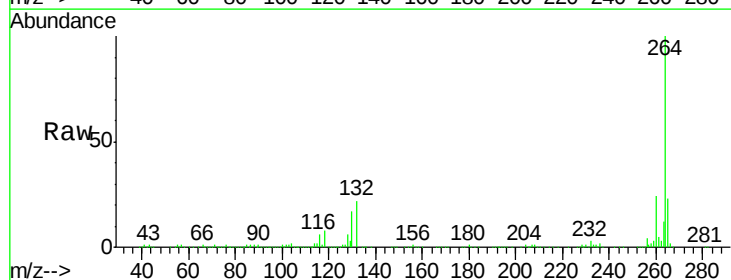
Tgt Ion:264 Resp: 426298

Ion Ratio Lower Upper

264 100

260 23.5 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

