

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103742.D
 Acq On : 17 Mar 2018 14:18
 Operator : JU/SJ
 Sample : J1756-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-031518

Quant Time: Mar 19 08:38:26 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	164163	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	645420	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	272913	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	396017	20.00	ng	0.00
75) Chrysene-d12	14.15	240	284114	20.00	ng	0.00
86) Perylene-d12	15.69	264	213266	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1248372	115.66	ng	0.03
7) Phenol-d6	6.60	99	1394008	105.57	ng	0.01
23) Nitrobenzene-d5	7.53	82	1049956	113.44	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	317964	135.50	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1621600	94.78	ng	0.00
78) Terphenyl-d14	13.09	244	1204656	98.42	ng	0.00

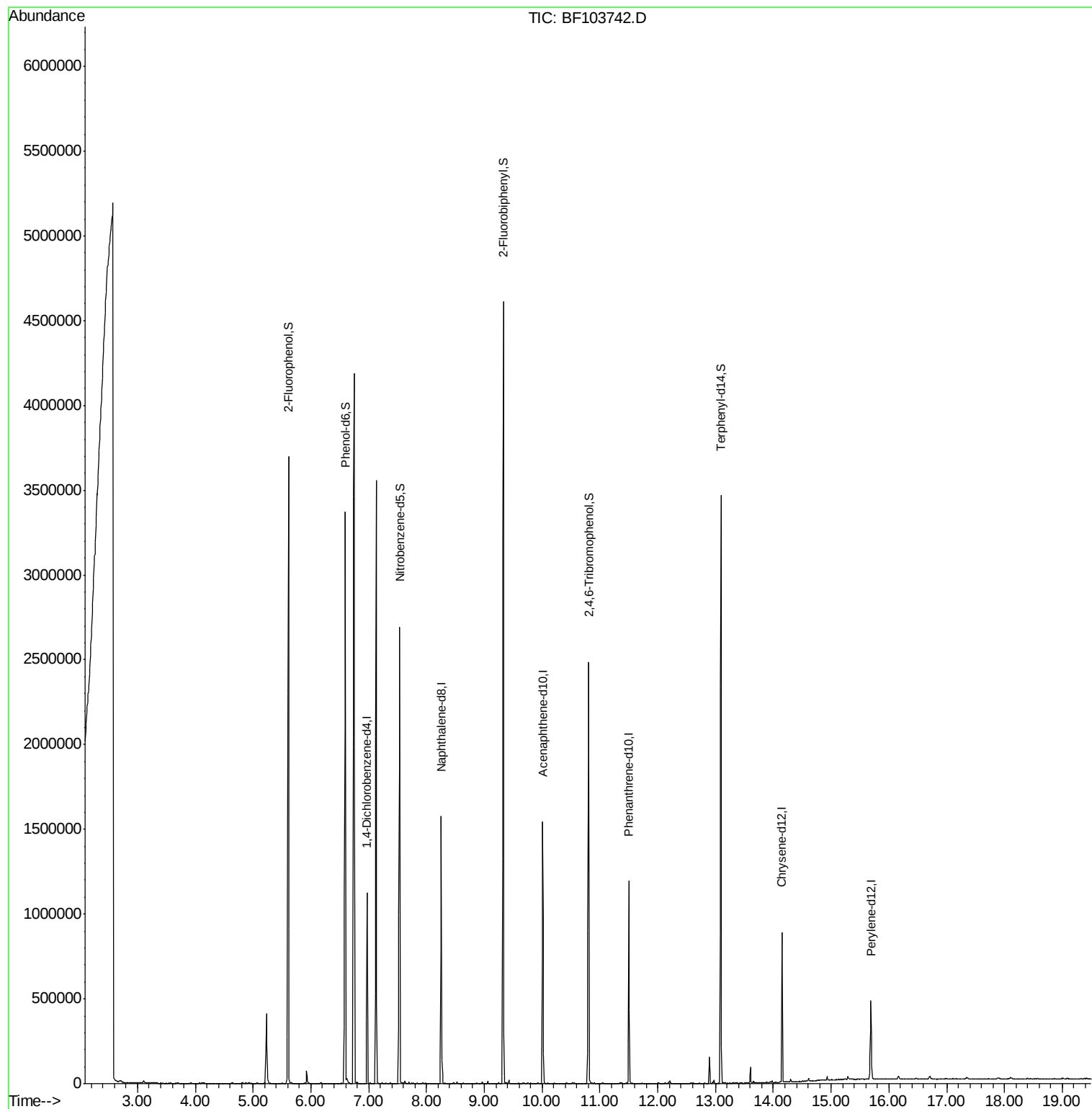
Target Compounds Qvalue

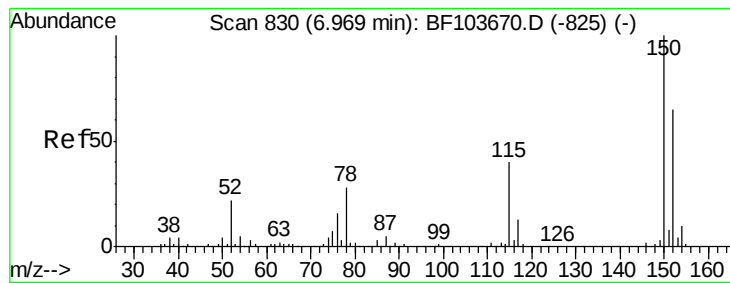
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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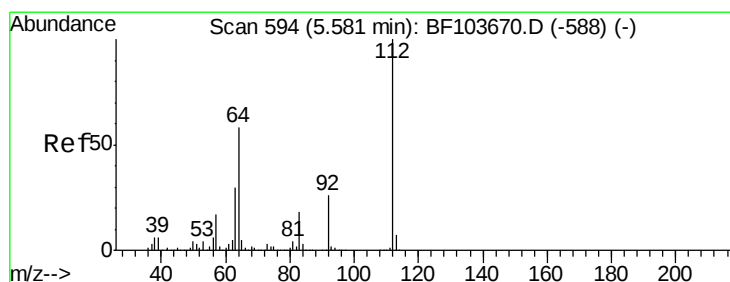
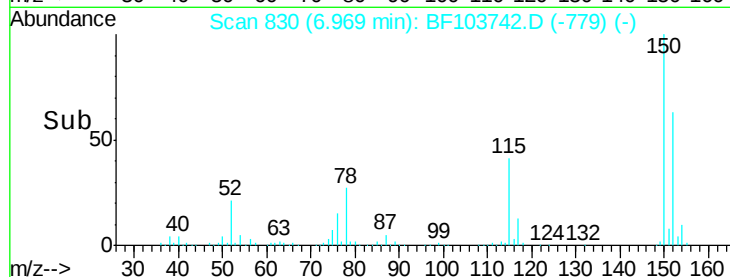
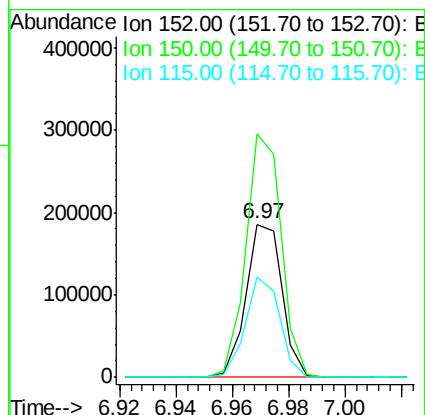
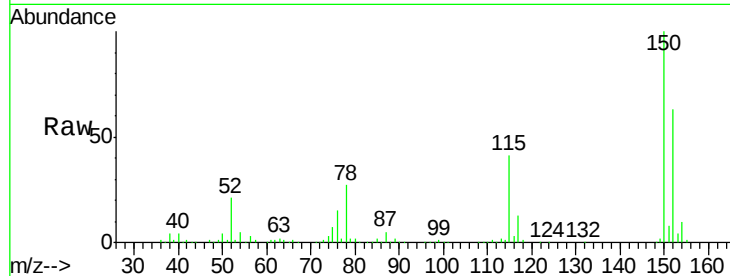


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103742.D
Acq: 17 Mar 2018 14:18

Instrument :
BNA_F
ClientSampleId :
OR-02-031518

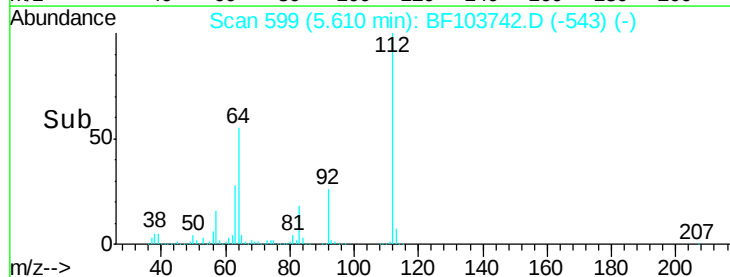
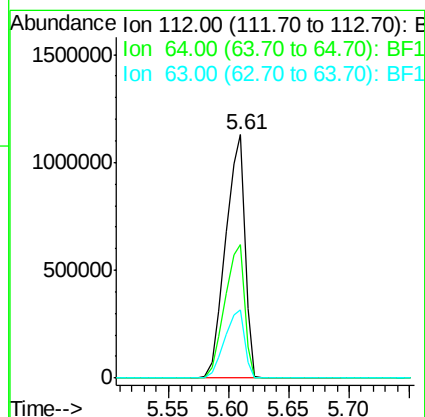
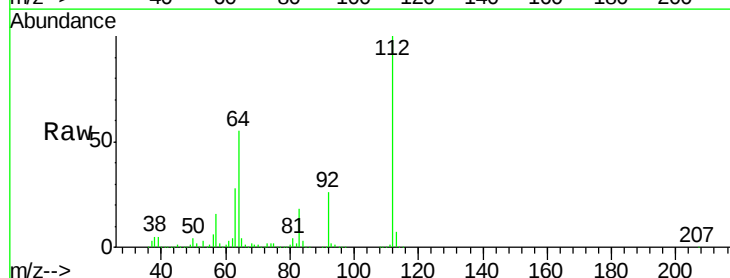
Tot Ion:152 Resp: 164163
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 65.3 50.1 75.1



#5

2-Fluorophenol
Concen: 115.663 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.03 min
Lab File: BF103742.D
Acq: 17 Mar 2018 14:18

Tgt Ion:112 Resp: 1248372
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 105.570 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103742.D

Acq: 17 Mar 2018 14:18

Instrument :

BNA_F

ClientSampleId :

OR-02-031518

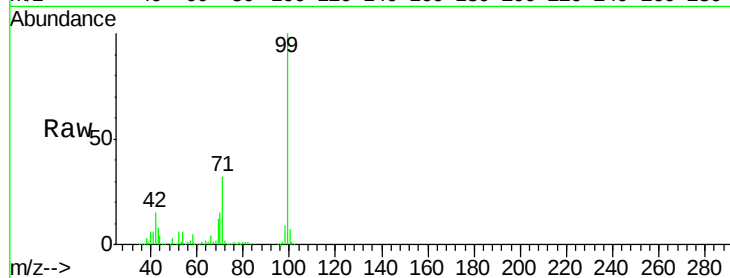
Tot Ion: 99 Resp: 1394008

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

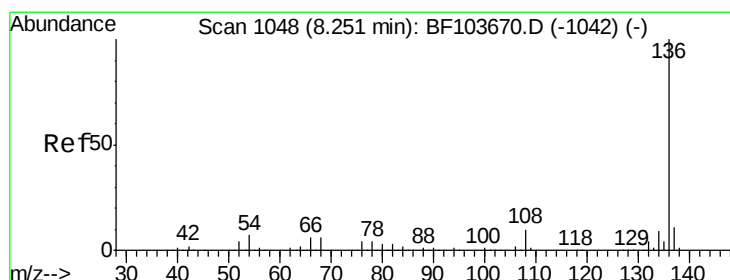
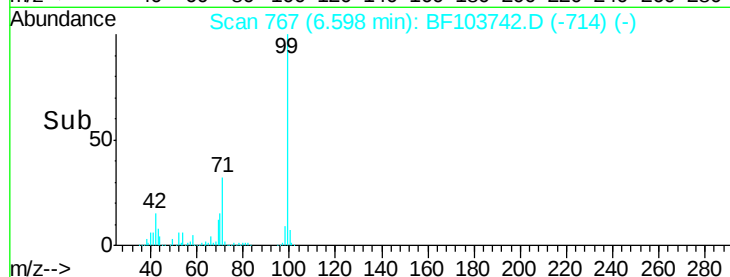
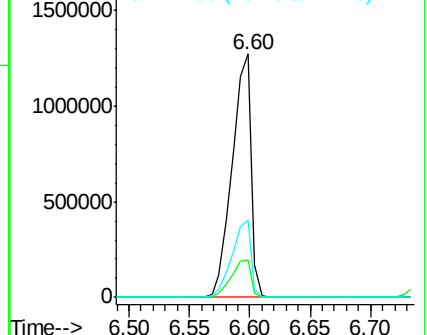
71 31.6 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103742.D

Acq: 17 Mar 2018 14:18

Tgt Ion: 136 Resp: 645420

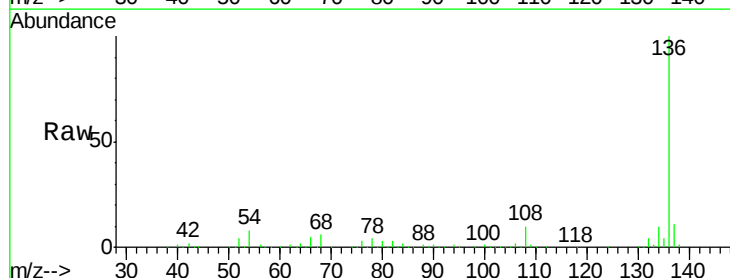
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 6.5 5.0 7.4

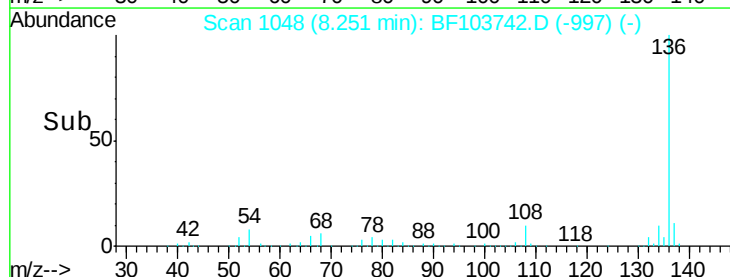
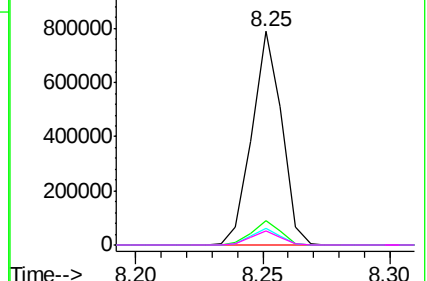


Abundance Ion 136.00 (135.70 to 136.70): E

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: 113.445 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103742.D

Acq: 17 Mar 2018 14:18

Instrument :

BNA_F

ClientSampleId :

OR-02-031518

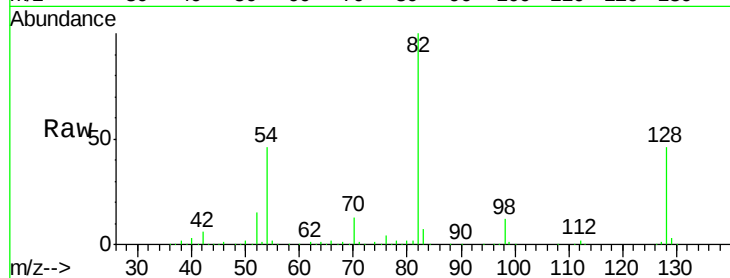
Tot Ion: 82 Resp: 1049956

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

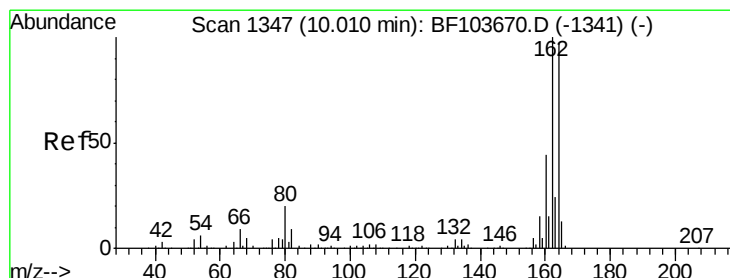
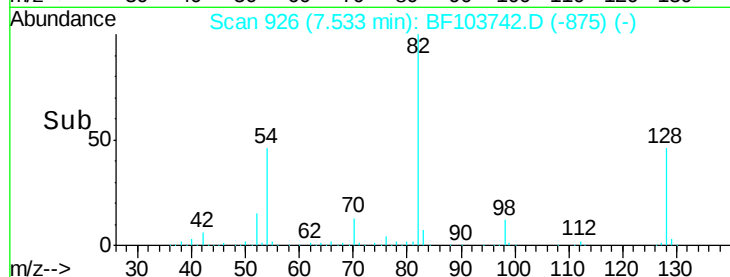
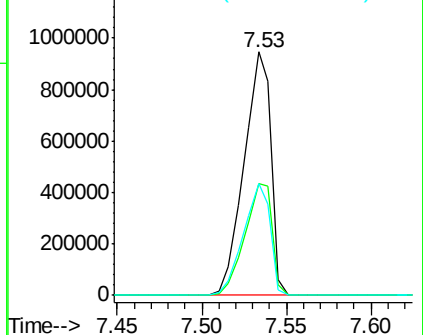
54 46.2 41.4 62.2



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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103742.D

Acq: 17 Mar 2018 14:18

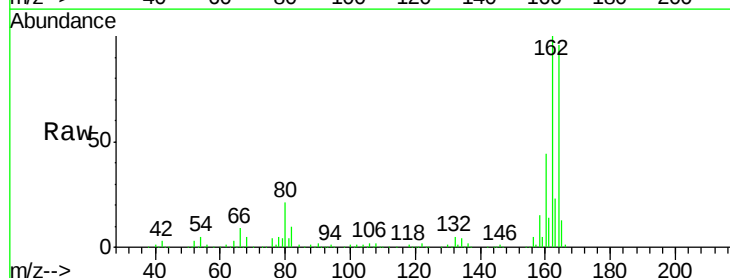
Tgt Ion:164 Resp: 272913

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

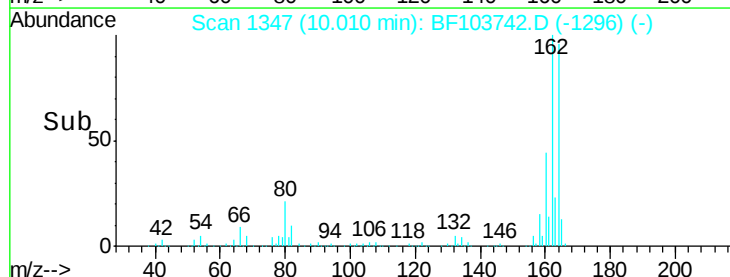
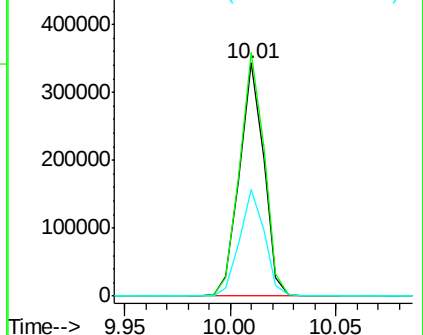
160 45.7 38.3 57.5

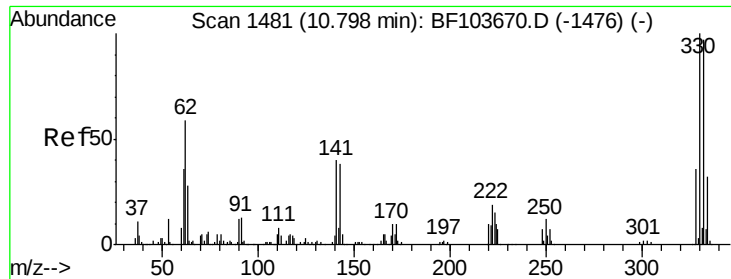


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

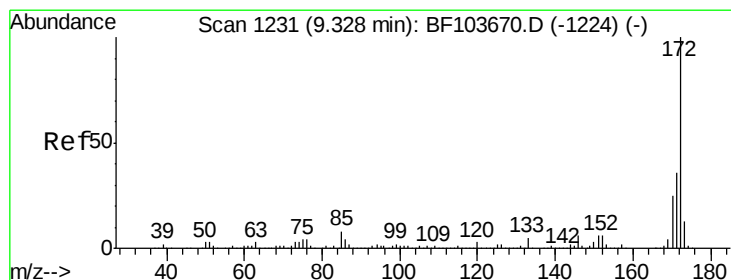
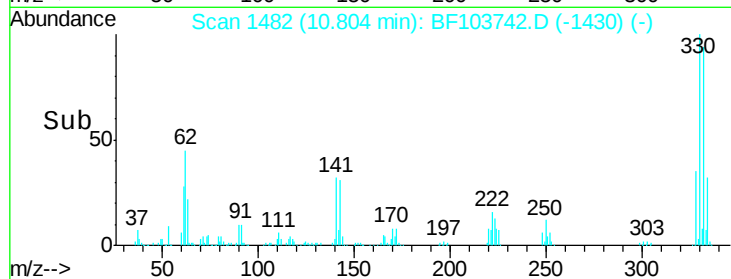
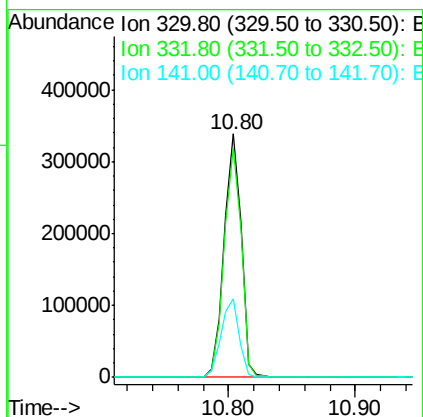
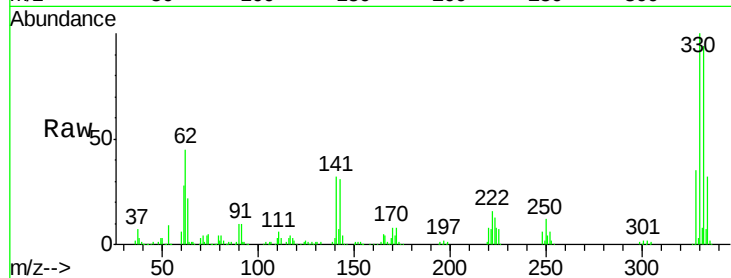




#41
 2,4,6-Tribromophenol
 Concen: 135.504 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103742.D
 Acq: 17 Mar 2018 14:18

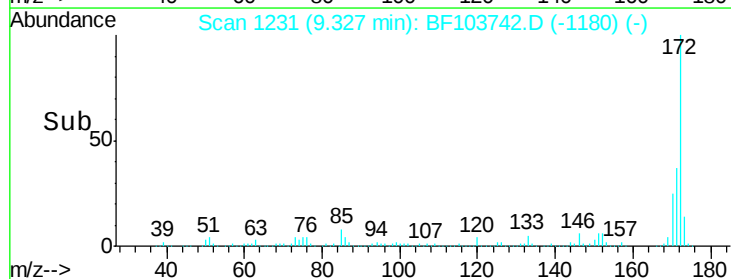
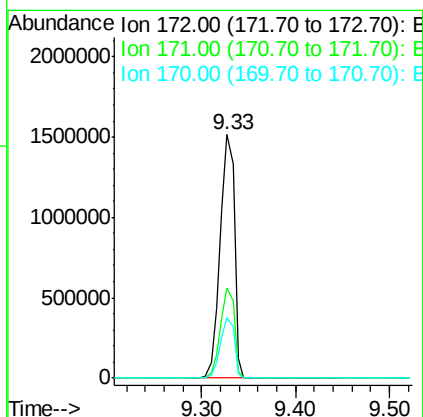
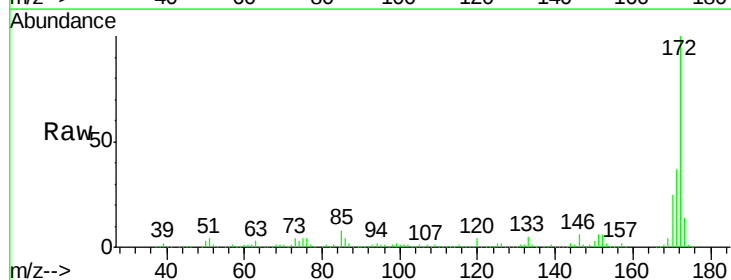
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-031518

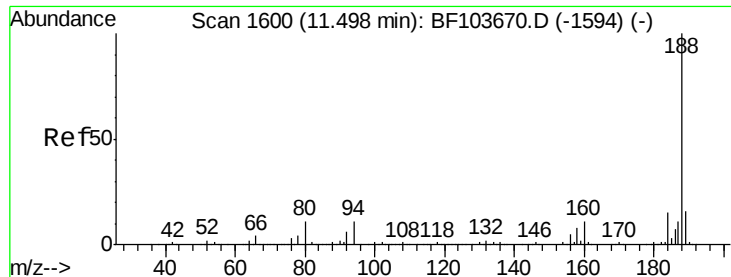
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	34.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.781 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103742.D
 Acq: 17 Mar 2018 14:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.7	19.6	29.4

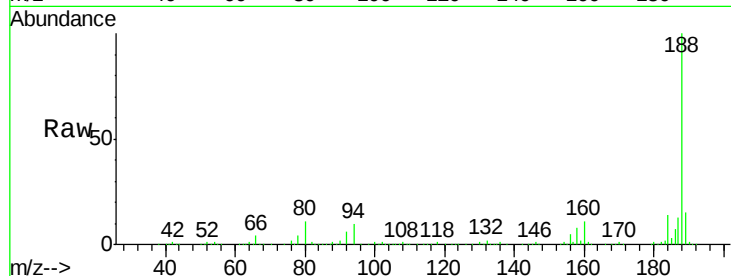




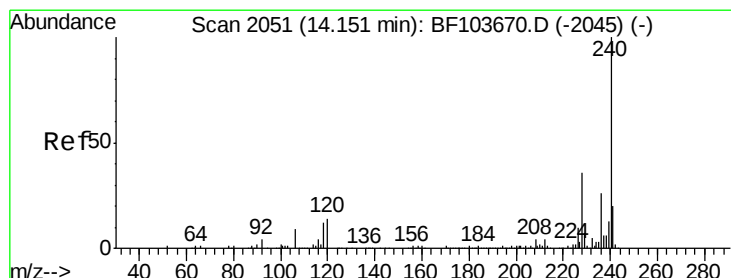
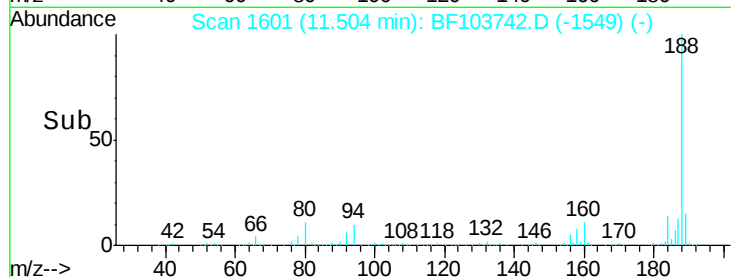
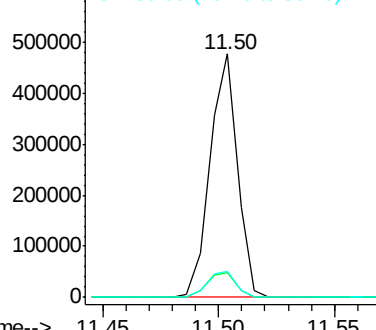
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103742.D
 Acq: 17 Mar 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-031518

Tot Ion:188 Resp: 396017
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.8 9.2 13.8

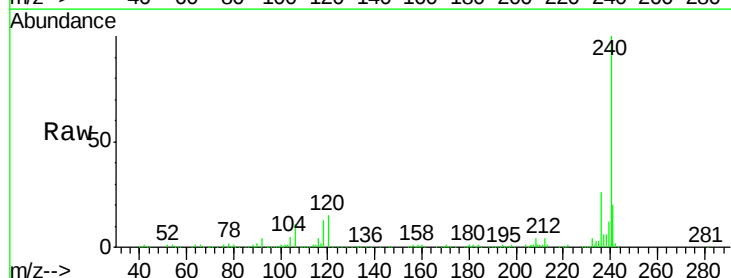


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

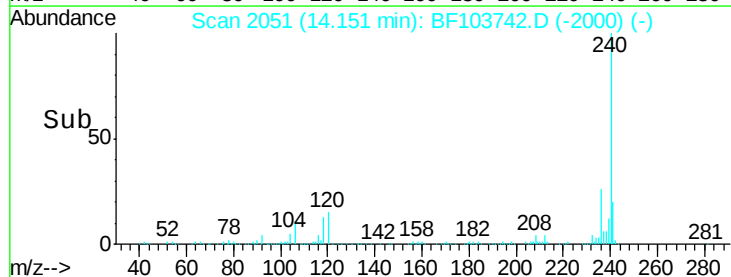
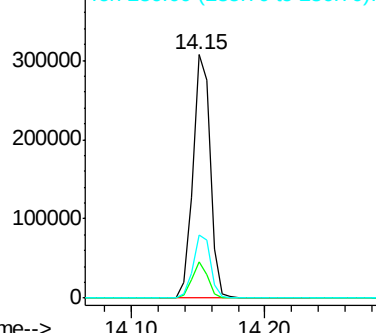


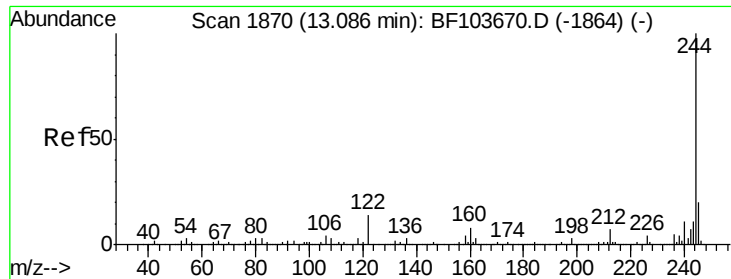
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF103742.D
 Acq: 17 Mar 2018 14:18

Tgt Ion:240 Resp: 284114
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.7 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

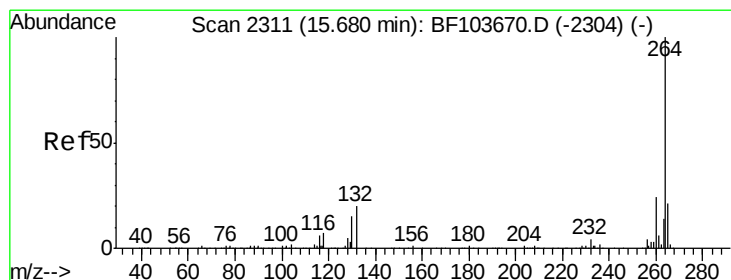
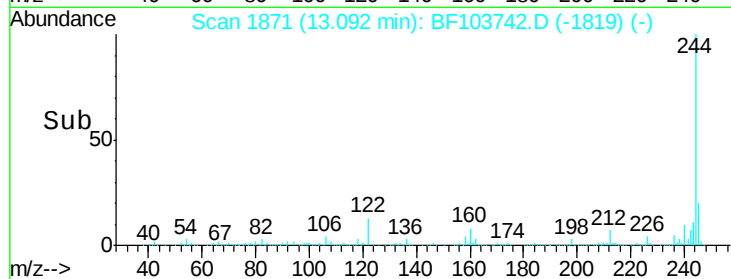
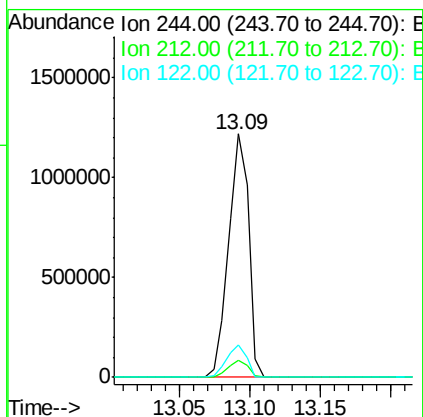
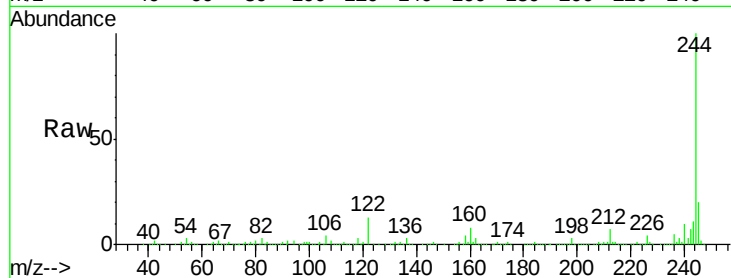




#78
 Terphenyl-d14
 Concen: 98.418 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103742.D
 Acq: 17 Mar 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-031518

Tot Ion:244 Resp: 1204656
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103742.D
 Acq: 17 Mar 2018 14:18

Tgt Ion:264 Resp: 213266
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.5 26.3

