

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103828.D
 Acq On : 21 Mar 2018 3:51
 Operator : JU/SJ
 Sample : PB107522BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BL

Quant Time: Mar 21 04:48:56 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	166506	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	639892	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	293734	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	467396	20.00	ng	0.00
75) Chrysene-d12	14.16	240	325020	20.00	ng	0.00
86) Perylene-d12	15.69	264	273891	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1160343	105.99	ng	0.02
7) Phenol-d6	6.59	99	1394021	104.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	839596	91.50	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	284898	112.81	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1461678	79.38	ng	0.00
78) Terphenyl-d14	13.09	244	1151092	82.21	ng	0.00

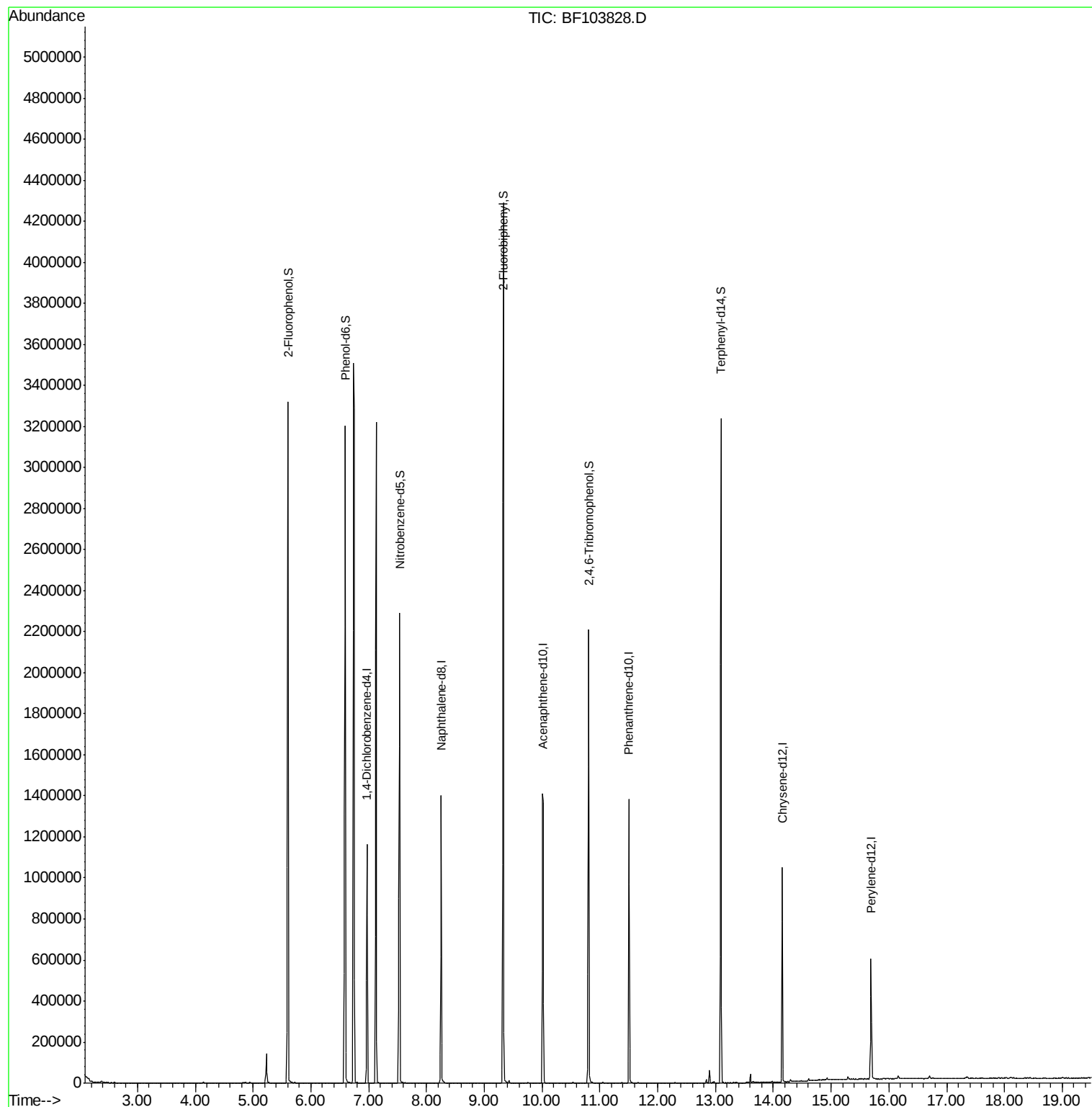
Target Compounds Qvalue

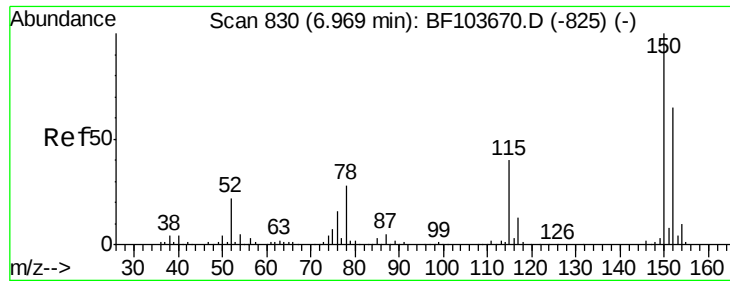
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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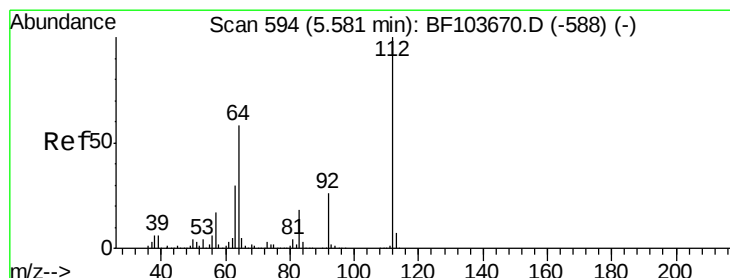
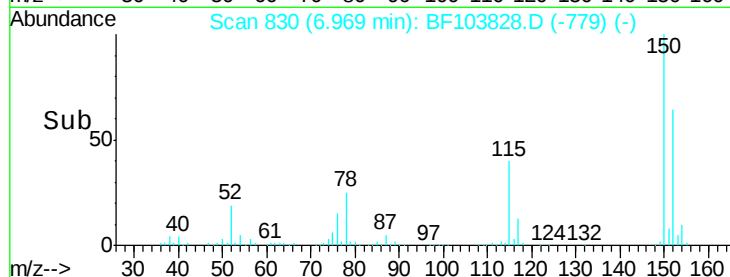
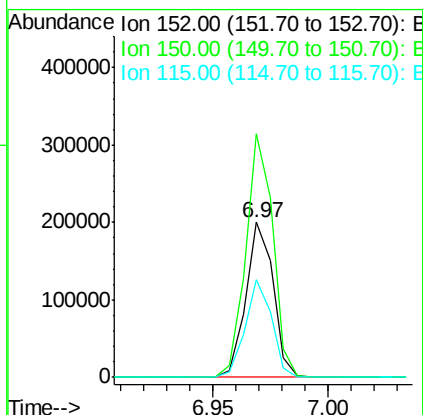
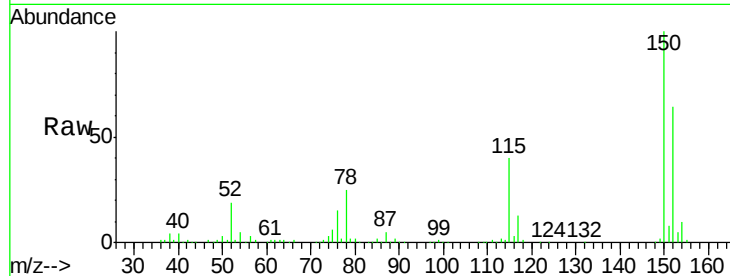


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB107522BL

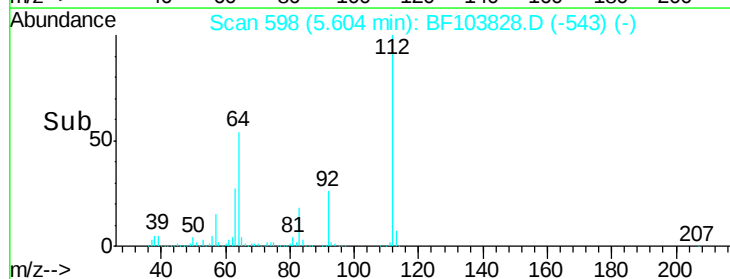
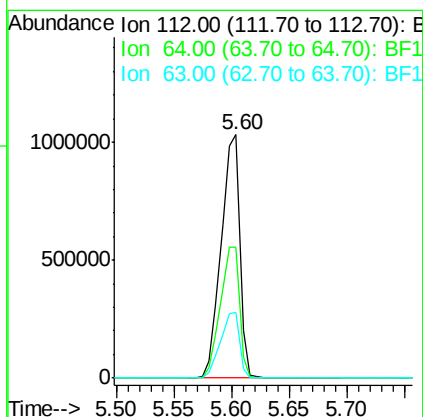
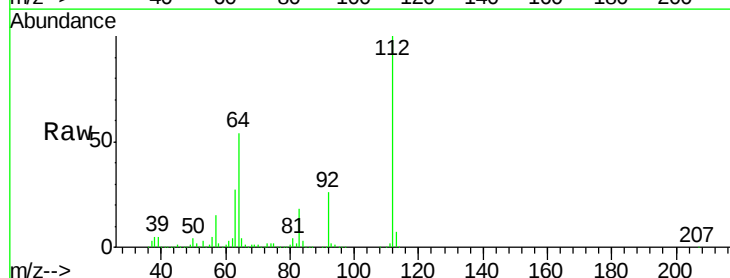
Tot Ion:152 Resp: 166506
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.7 50.1 75.1



#5

2-Fluorophenol
Concen: 105.995 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Tgt Ion:112 Resp: 1160343
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 104.085 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103828.D

Acq: 21 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

PB107522BL

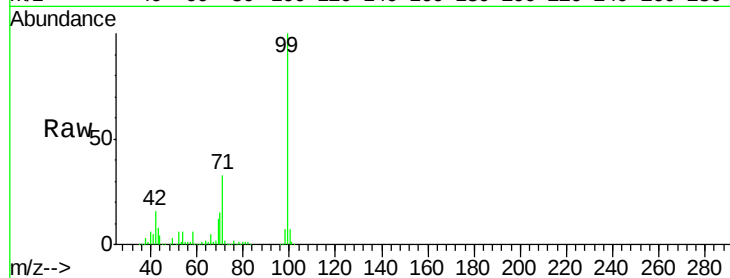
Tot Ion: 99 Resp: 1394021

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

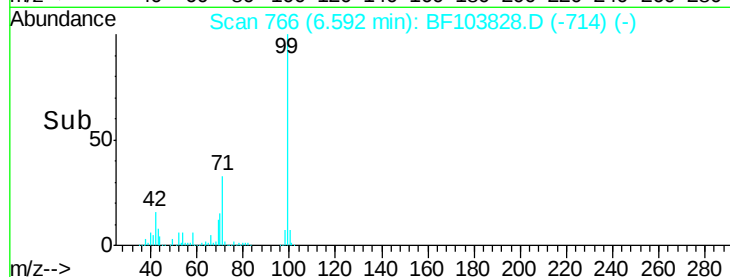
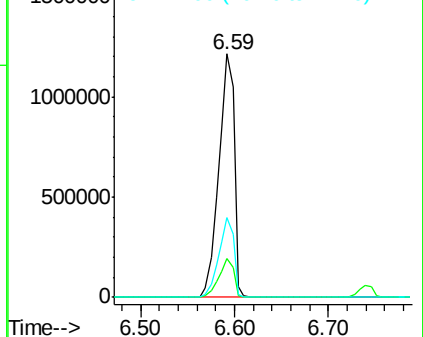
71 32.6 25.4 38.0



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: BF103828.D

Acq: 21 Mar 2018 3:51

Tgt Ion: 136 Resp: 639892

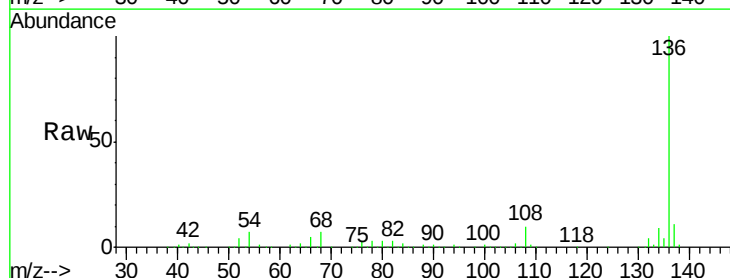
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

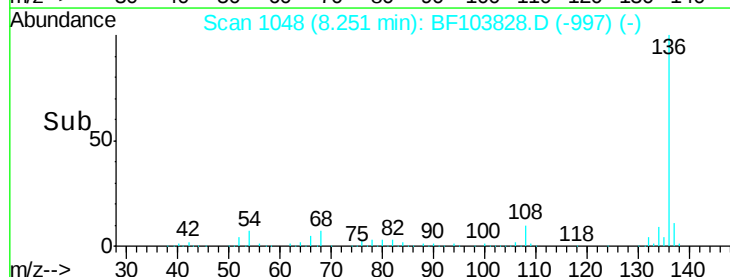
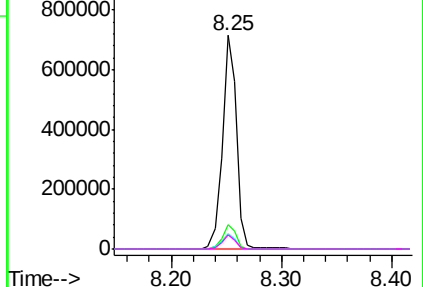


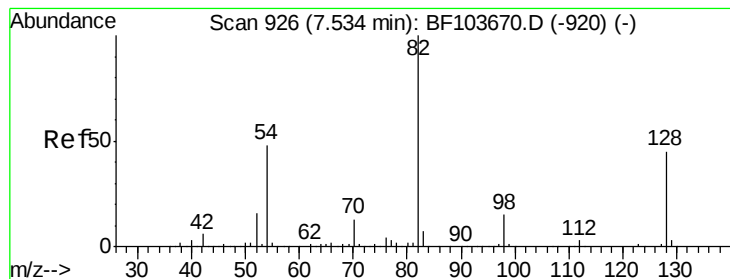
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.500 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103828.D

Acq: 21 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

PB107522BL

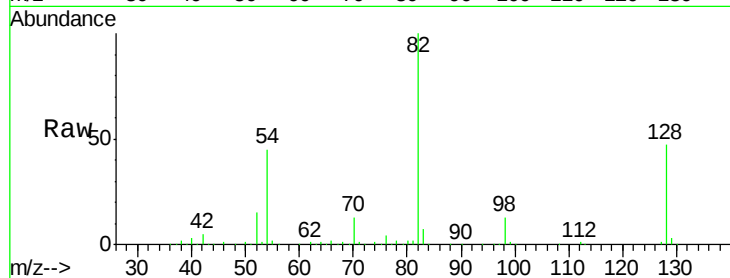
Tot Ion: 82 Resp: 839596

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

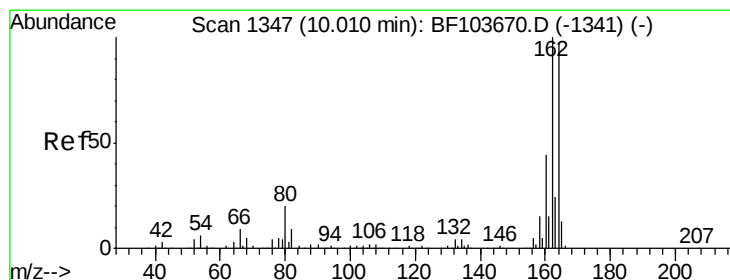
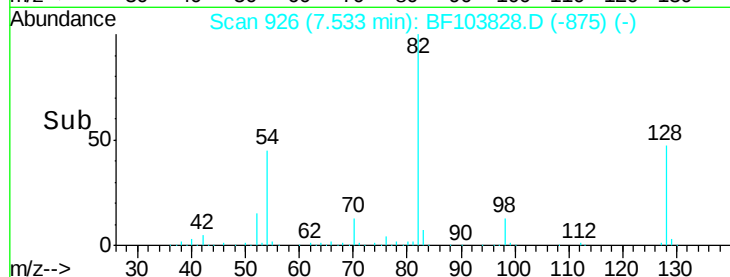
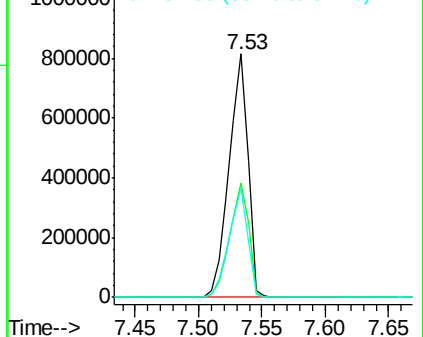
54 44.6 41.4 62.2



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: BF103828.D

Acq: 21 Mar 2018 3:51

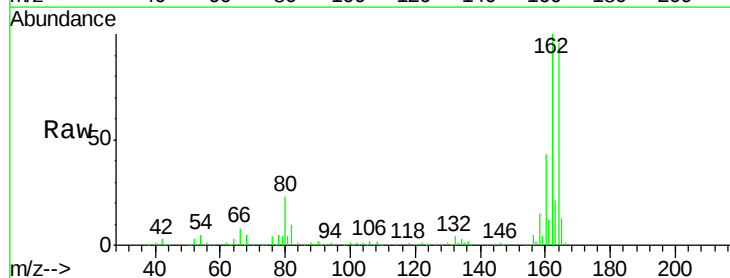
Tgt Ion:164 Resp: 293734

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

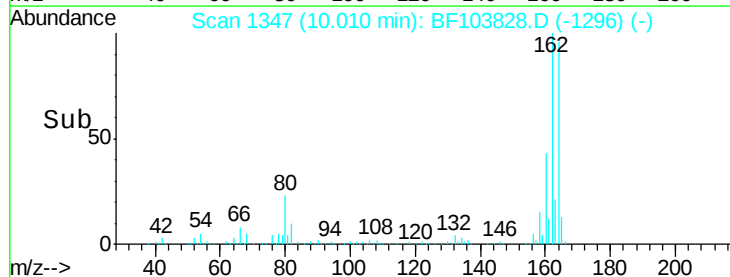
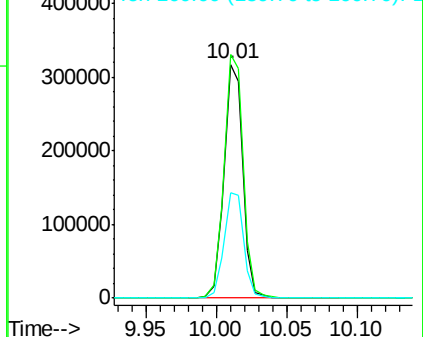
160 45.2 38.3 57.5

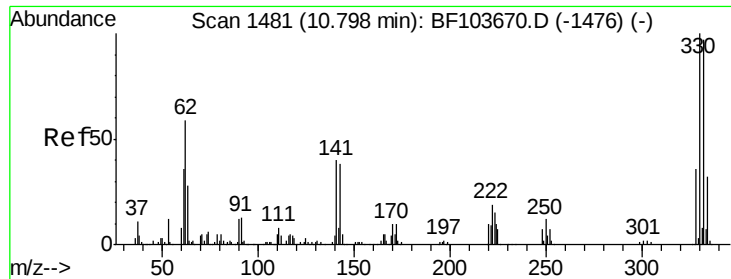


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

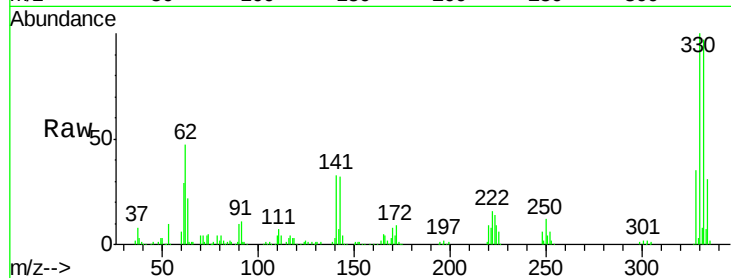




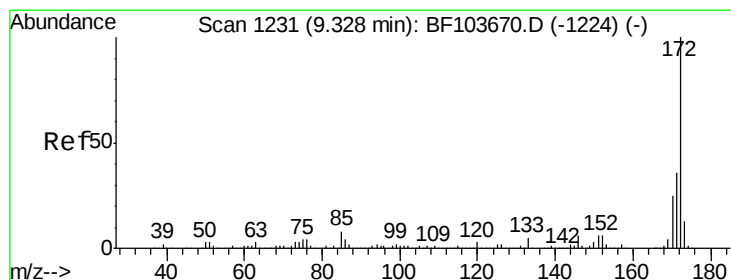
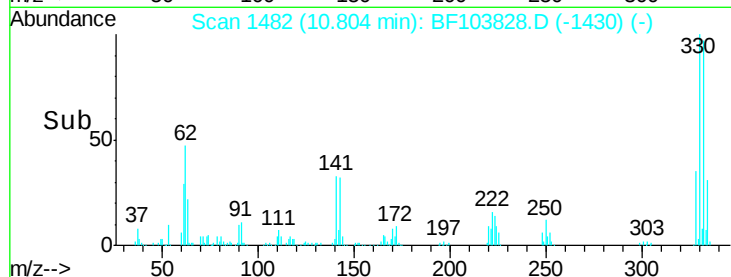
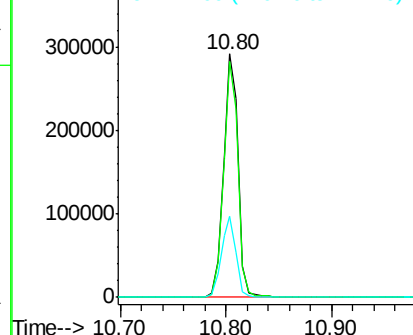
#41
 2,4,6-Tribromophenol
 Concen: 112.807 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 PB107522BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	29.9	44.9

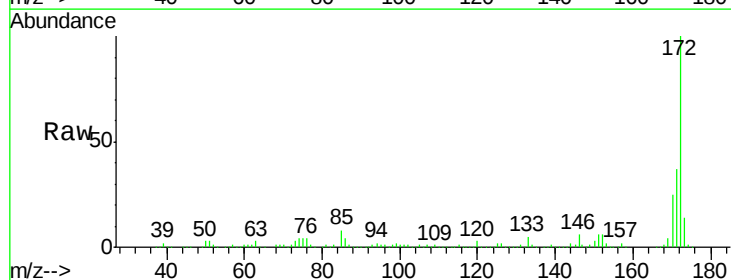


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

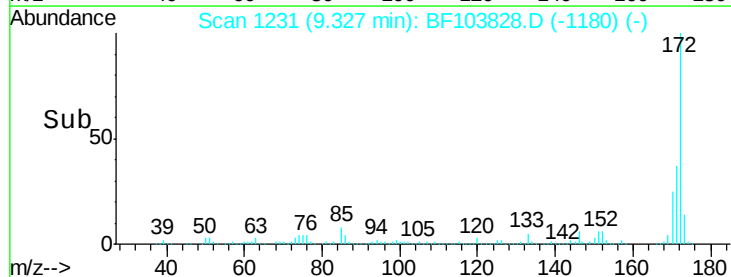
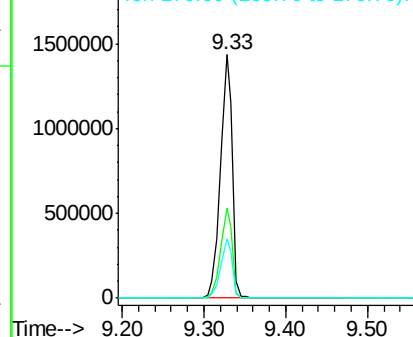


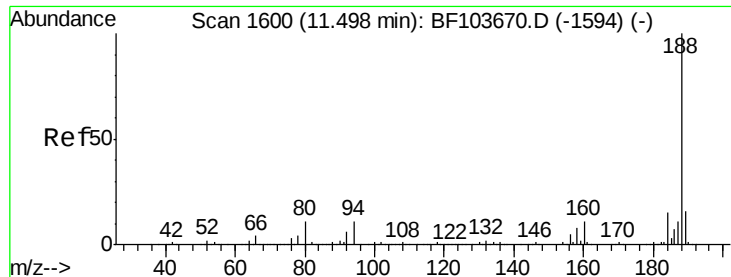
#44
 2-Fluorobiphenyl
 Concen: 79.378 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	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

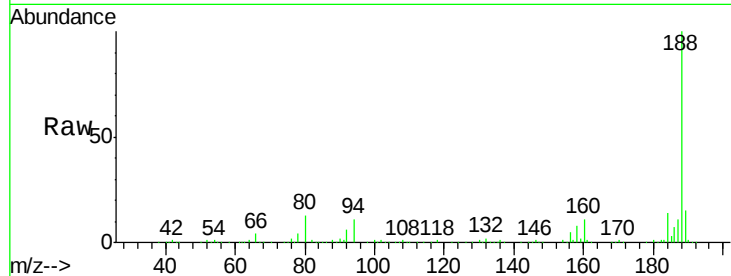




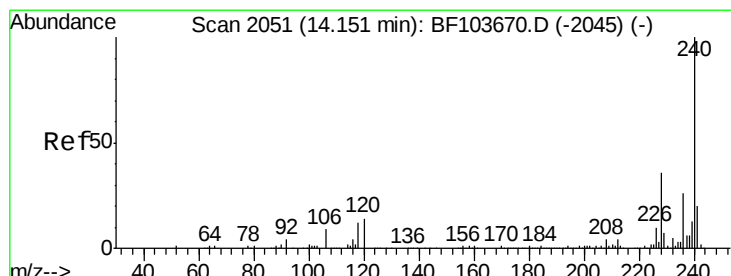
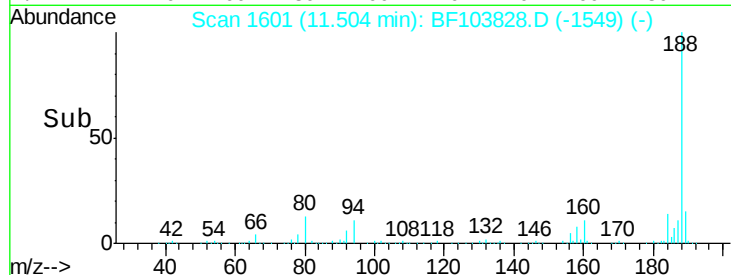
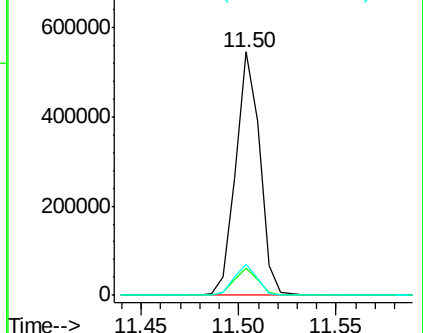
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :
PB107522BL

Tot Ion:188 Resp: 467396
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.6 9.2 13.8

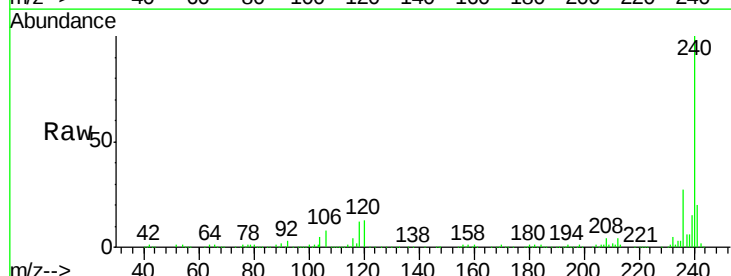


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

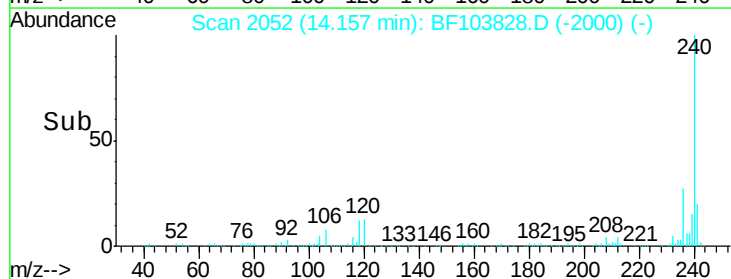
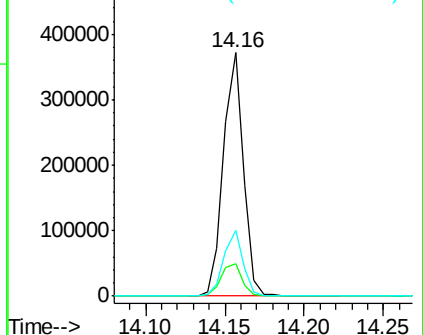


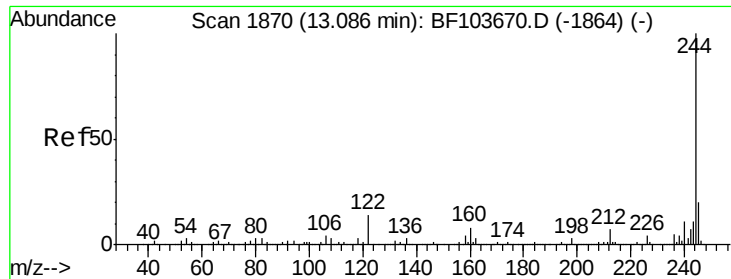
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Tgt Ion:240 Resp: 325020
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.8 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

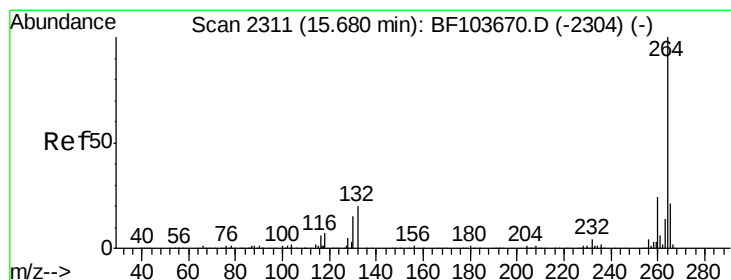
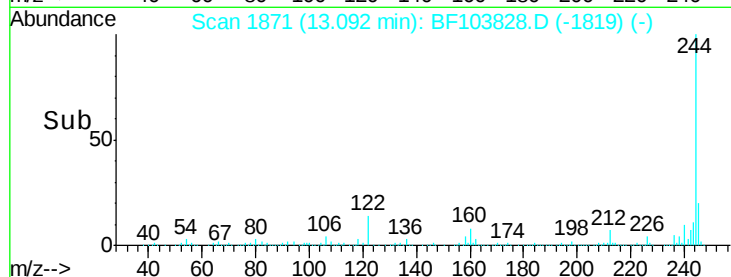
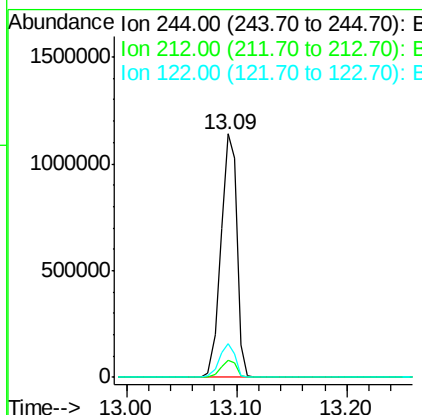
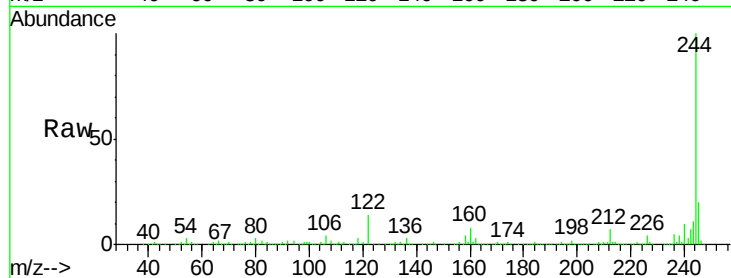




#78
 Terphenyl-d14
 Concen: 82.206 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Instrument :
 BNA_F
 ClientSampleID :
 PB107522BL

Tot Ion:244 Resp: 1151092
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 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: BF103828.D
 Acq: 21 Mar 2018 3:51

Tgt Ion:264 Resp: 273891
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.6 17.5 26.3

