

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104011.D
 Acq On : 28 Mar 2018 15:51
 Operator : JU/SJ
 Sample : PB107735BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BL

Quant Time: Mar 28 17:04:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112040	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	482670	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	235365	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	471479	20.00	ng	0.00
75) Chrysene-d12	14.17	240	433956	20.00	ng	0.02
86) Perylene-d12	15.75	264	371009	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	886340	126.16	ng	0.00
7) Phenol-d6	6.60	99	1133560	131.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	673388	85.32	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	325626	124.25	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1306129	87.51	ng	0.00
78) Terphenyl-d14	13.09	244	1434853	76.34	ng	0.00

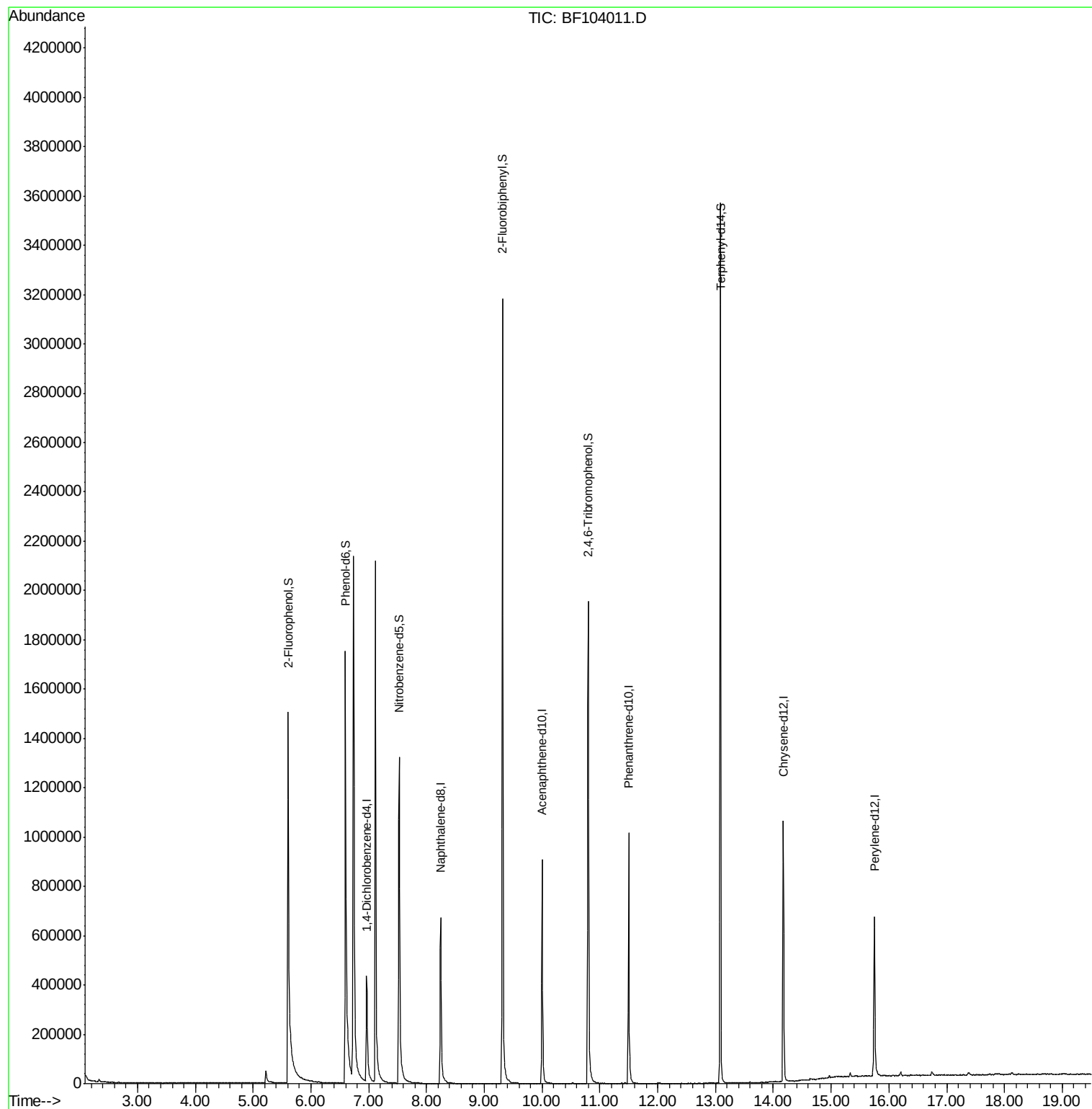
Target Compounds Qvalue

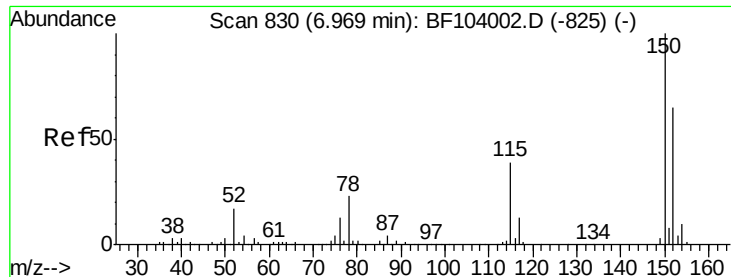
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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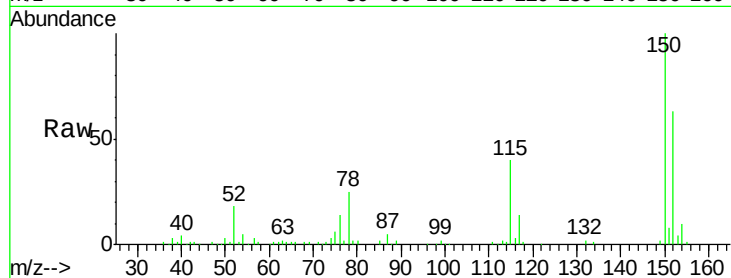


#1

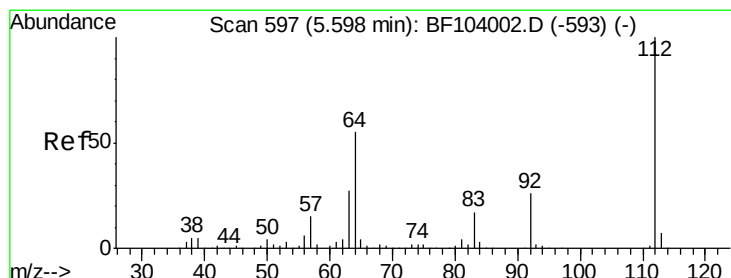
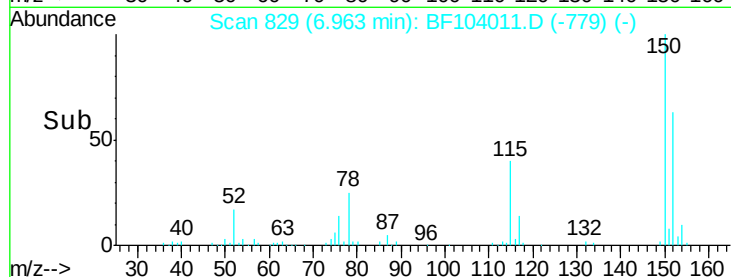
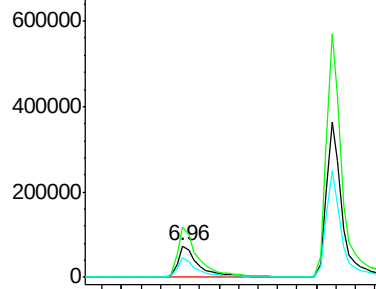
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BL

Tot Ion:152 Resp: 112040
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 63.2 50.1 75.1



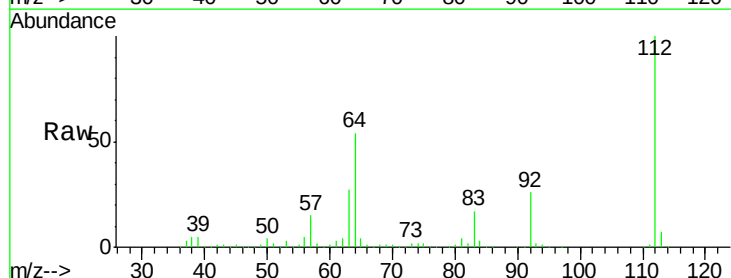
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



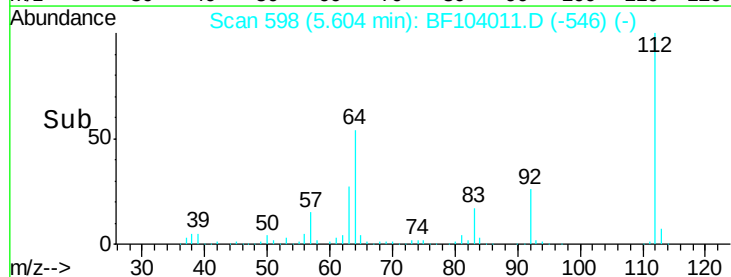
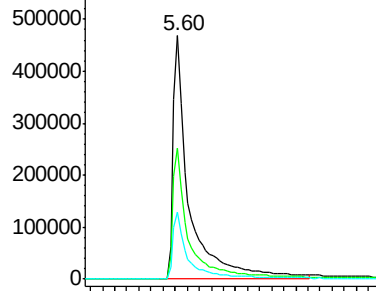
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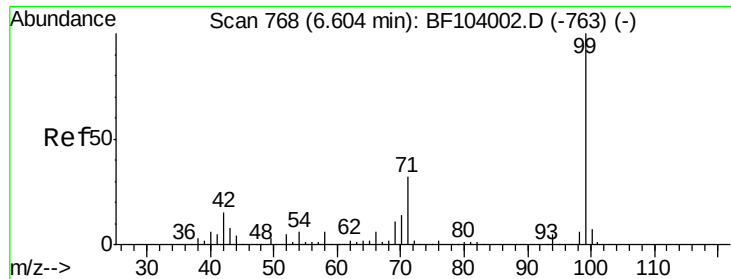
2-Fluorophenol
 Concen: 126.159 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Tgt Ion:112 Resp: 886340
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.9 71.9
 63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.145 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Instrument :

BNA_F

ClientSampleId :

PB107735BL

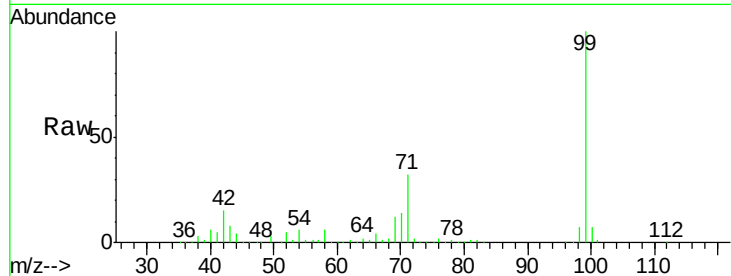
Tot Ion: 99 Resp: 1133560

Ion Ratio Lower Upper

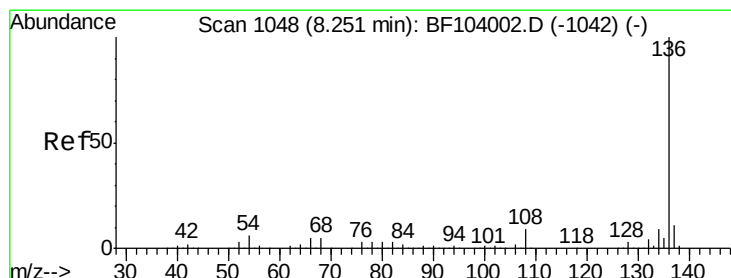
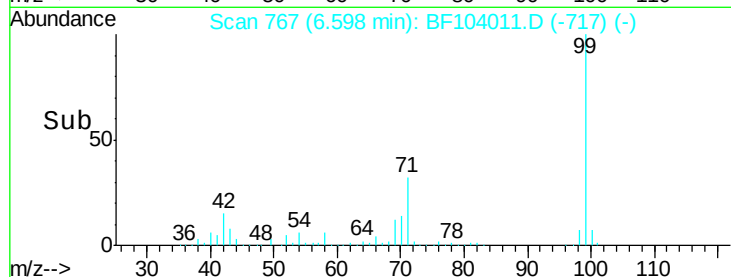
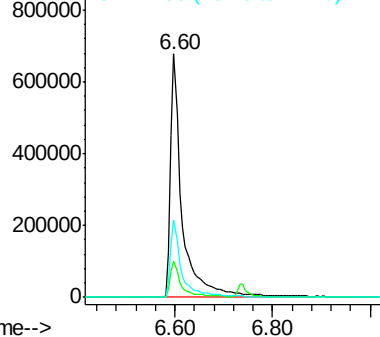
99 100

42 15.0 14.5 21.7

71 31.8 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# 1047

Delta R.T. -0.01 min

Lab File: BF104011.D

Acq: 28 Mar 2018 15:51

Tgt Ion: 136 Resp: 482670

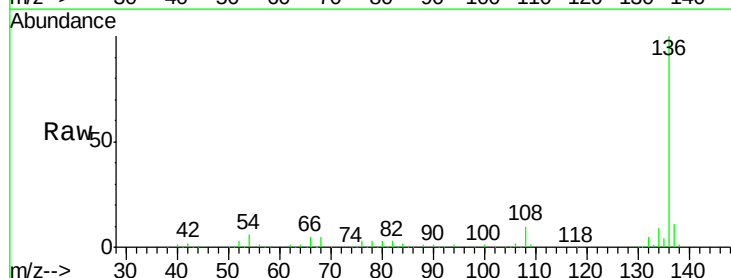
Ion Ratio Lower Upper

136 100

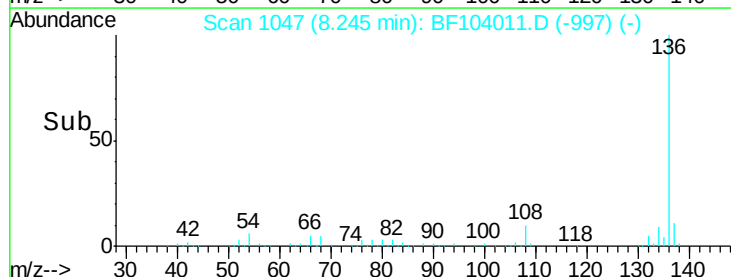
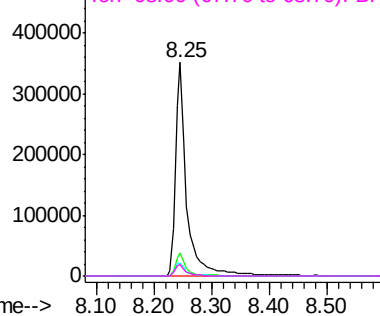
137 10.6 8.9 13.3

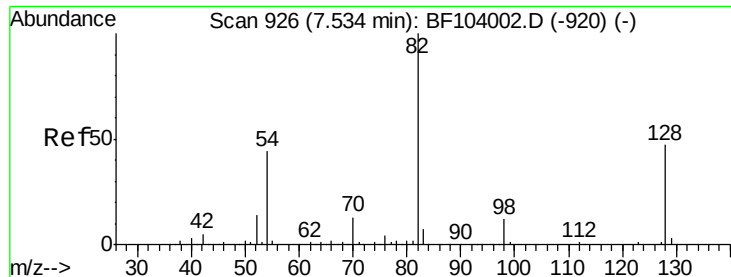
54 6.3 6.6 9.8#

68 5.3 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

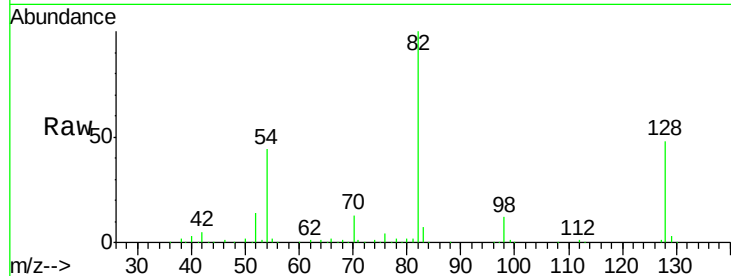




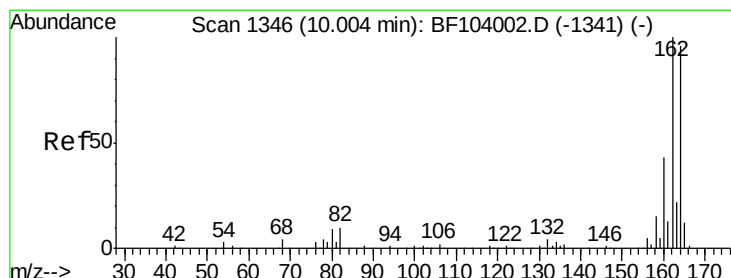
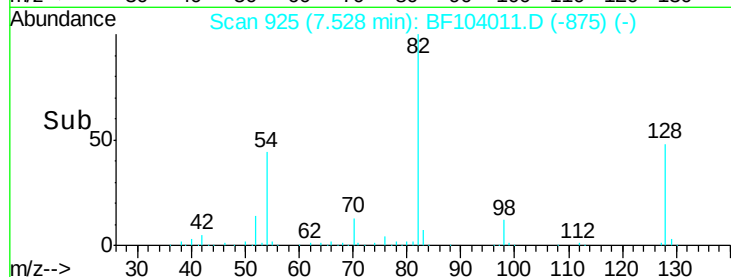
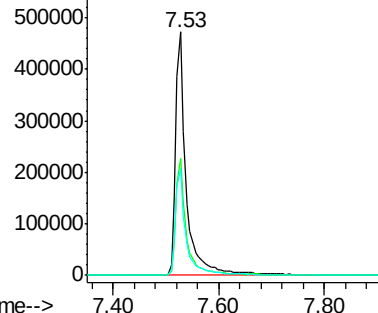
#23
Nitrobenzene-d5
Concen: 85.320 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampleId :
PB107735BL

Tot Ion: 82 Resp: 673388
Ion Ratio Lower Upper
82 100
128 47.8 36.1 54.1
54 43.8 41.4 62.2

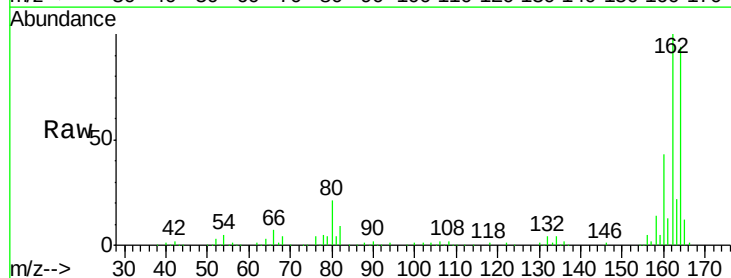


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

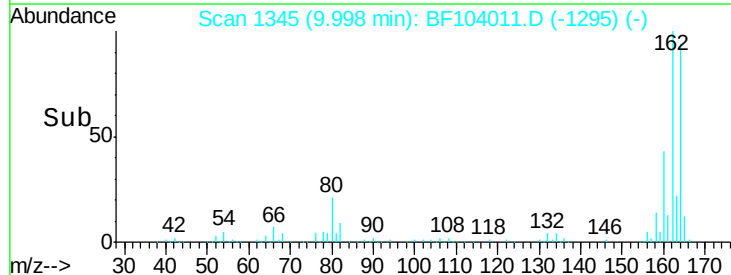
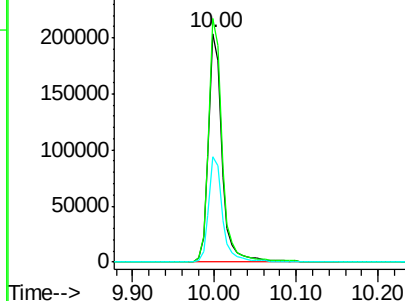


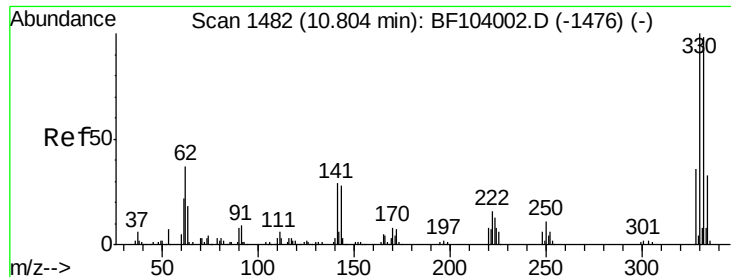
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:164 Resp: 235365
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 46.0 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

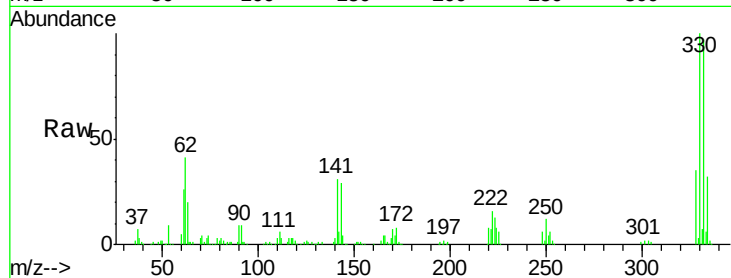




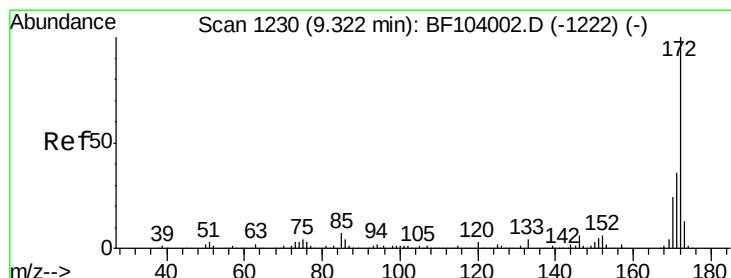
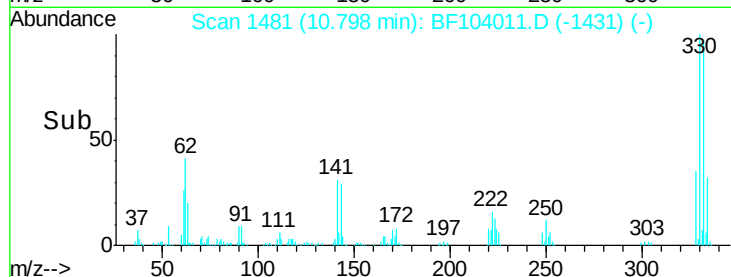
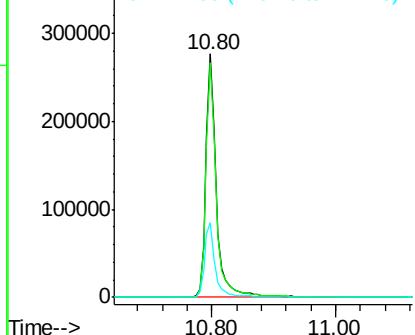
#41
 2,4,6-Tribromophenol
 Concen: 124.247 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.9	29.9	44.9

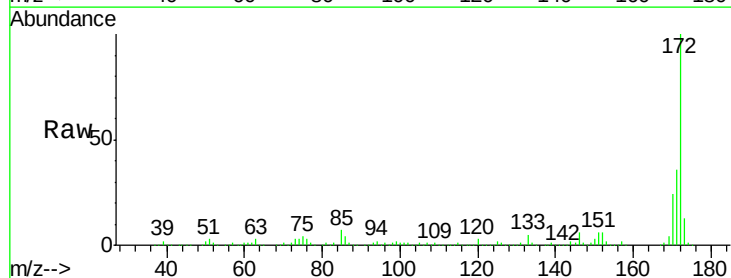


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

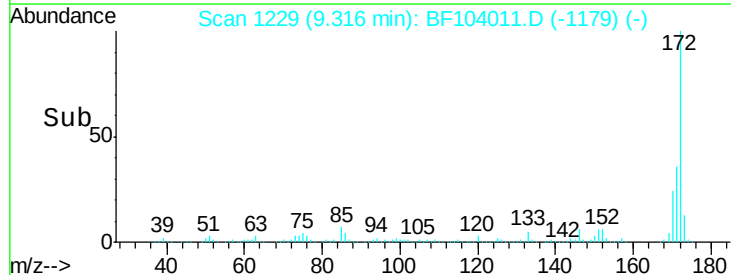
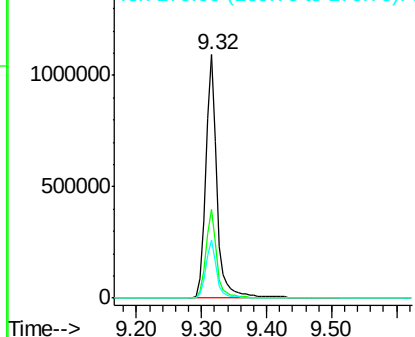


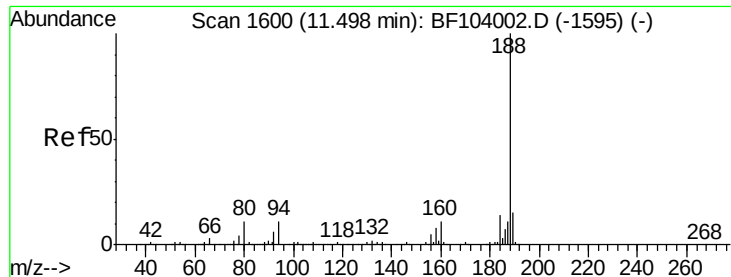
#44
 2-Fluorobiphenyl
 Concen: 87.509 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	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

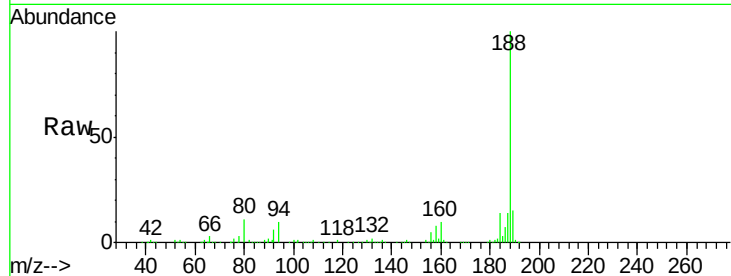




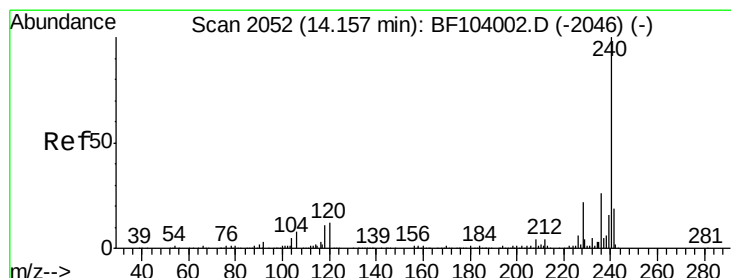
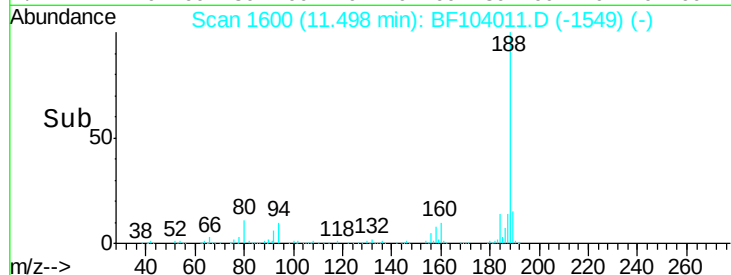
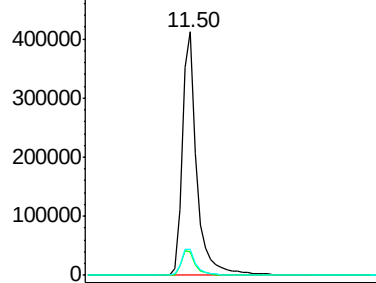
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Instrument :
BNA_F
ClientSampled :
PB107735BL

Tot Ion:188 Resp: 471479
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.8 9.2 13.8

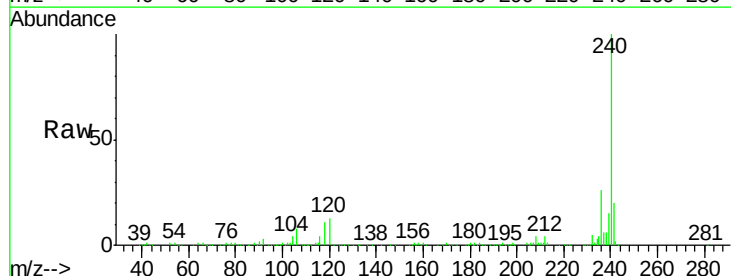


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

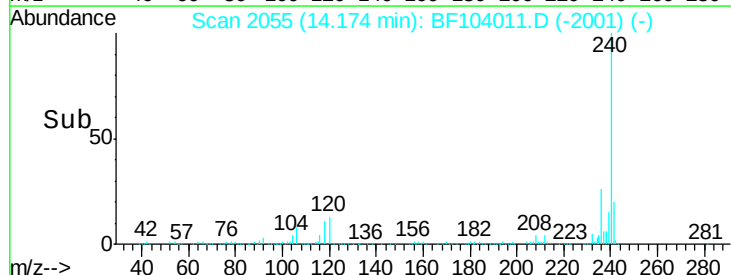
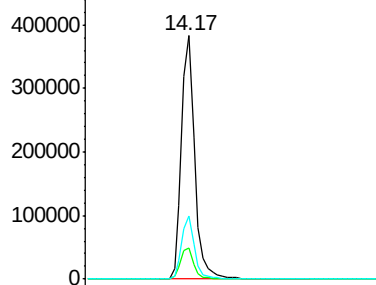


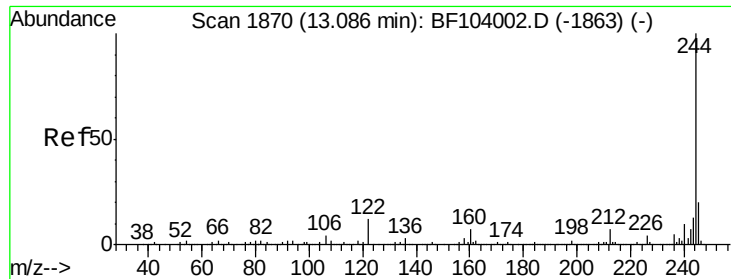
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF104011.D
Acq: 28 Mar 2018 15:51

Tgt Ion:240 Resp: 433956
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 26.2 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



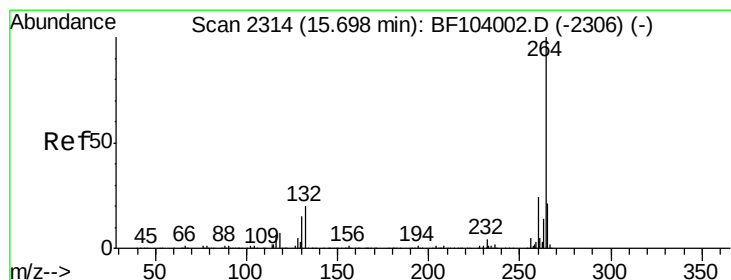
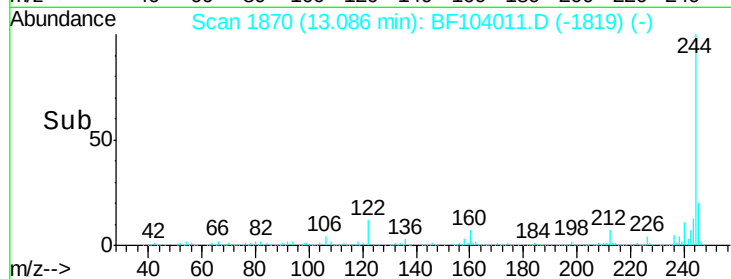
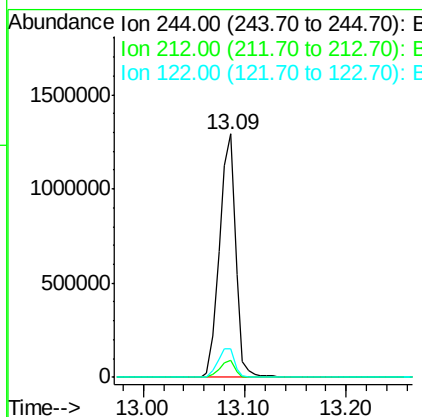
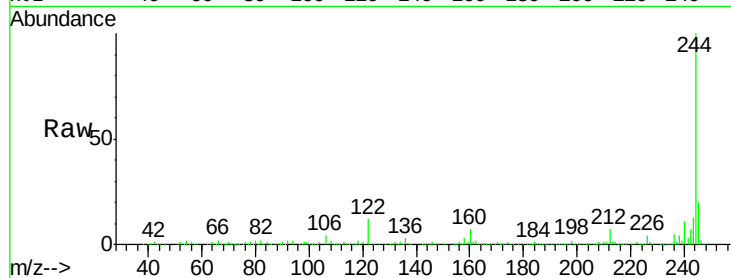


#78
 Terphenyl-d14
 Concen: 76.344 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BL

Tot Ion:244 Resp: 1434853

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2323
 Delta R.T. 0.05 min
 Lab File: BF104011.D
 Acq: 28 Mar 2018 15:51

Tgt Ion:264 Resp: 371009

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

