

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102044.D
 Acq On : 12 Jan 2018 15:51
 Operator : SJ/JU
 Sample : PB105599BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105599BL

Quant Time: Jan 12 22:11:30 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227484	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	940502	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	414924	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	744420	20.00	ng	0.00
75) Chrysene-d12	13.87	240	635575	20.00	ng	0.00
86) Perylene-d12	15.29	264	507585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1688351	104.80	ng	0.01
7) Phenol-d6	6.36	99	2022042	105.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	1290792	80.65	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	438203	121.02	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2139533	80.56	ng	0.00
78) Terphenyl-d14	12.83	244	2037853	66.57	ng	0.00

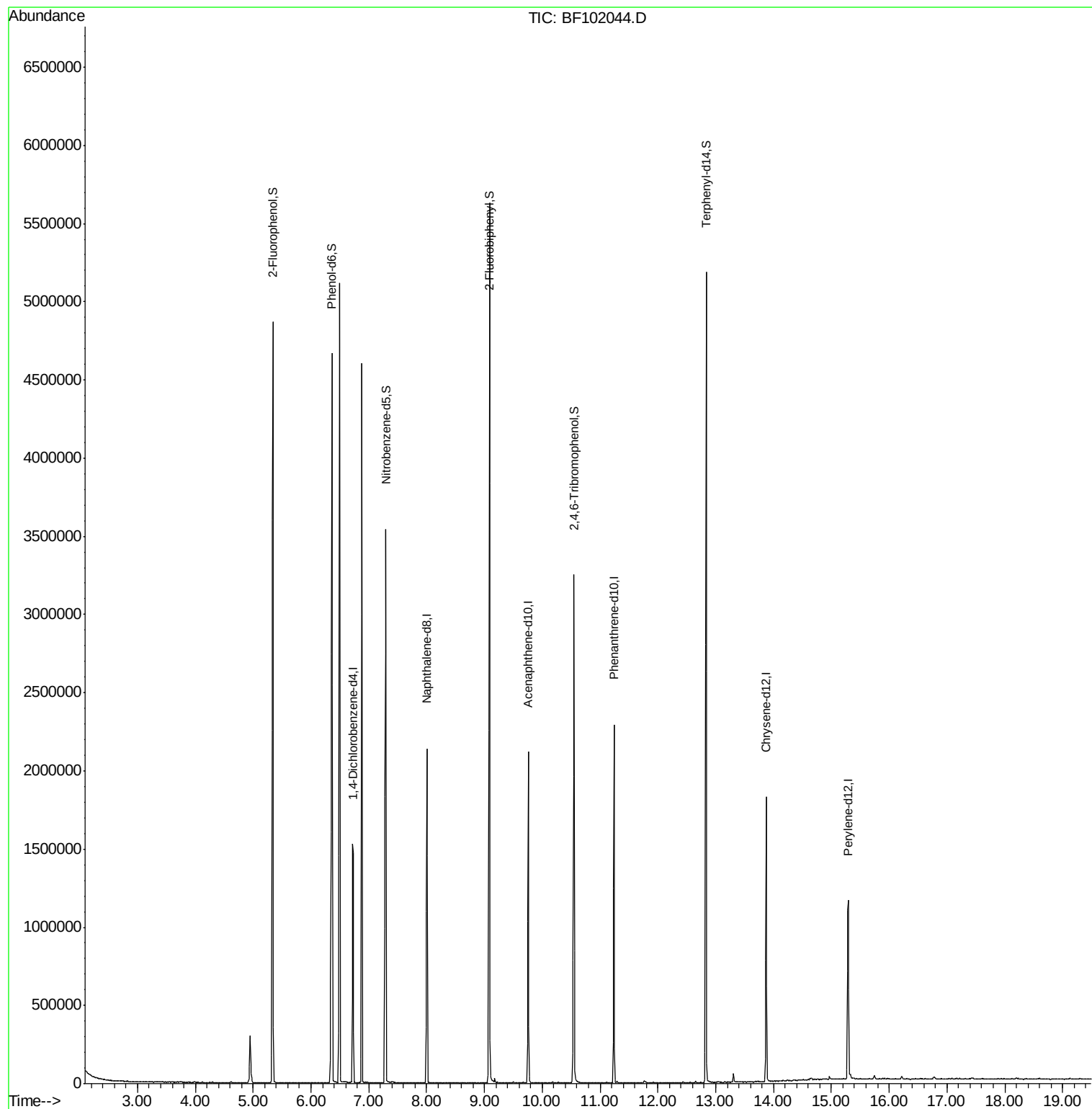
Target Compounds	Qvalue
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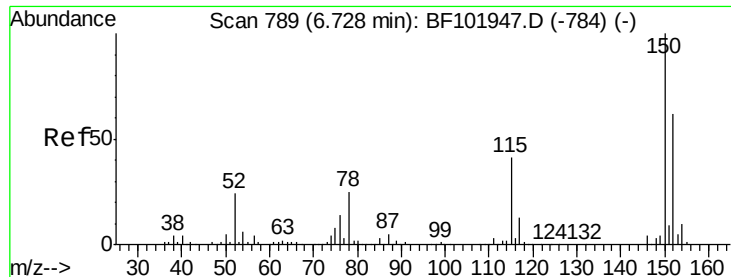
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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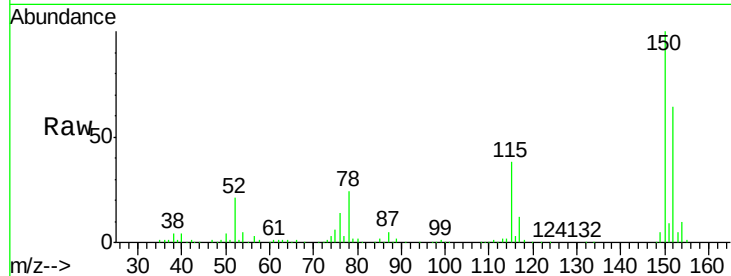


#1

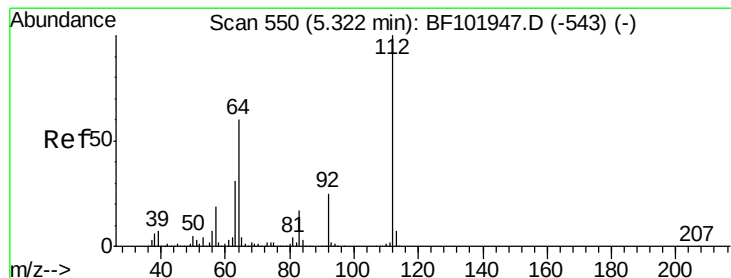
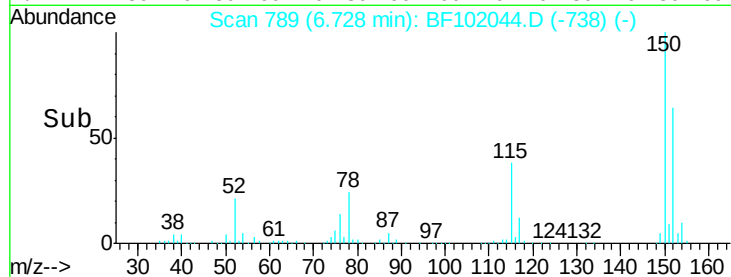
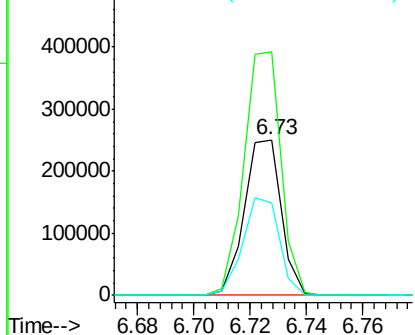
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :
PB105599BL

Tgt Ion:152 Resp: 227484
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.9 50.1 75.1



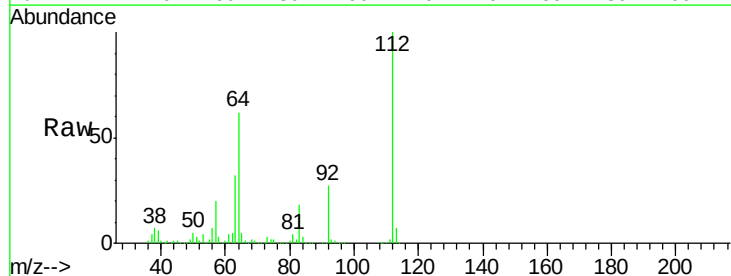
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



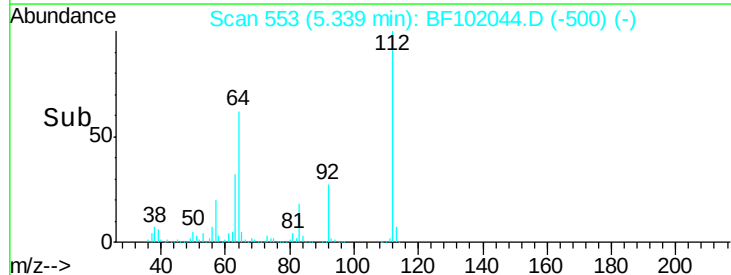
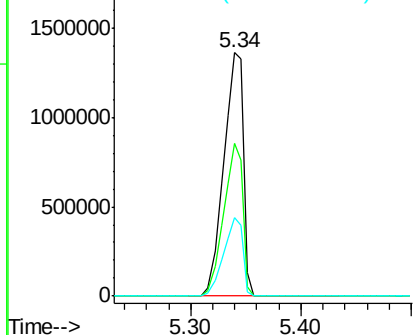
#5

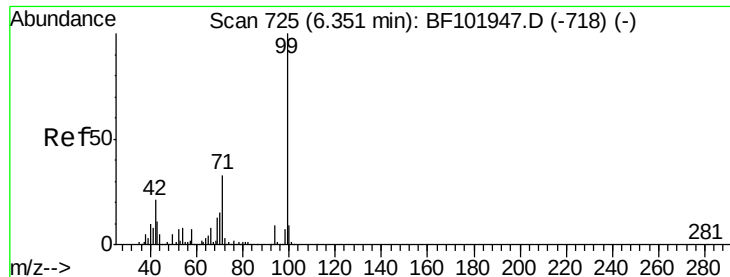
2-Fluorophenol
Concen: 104.803 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Tgt Ion:112 Resp: 1688351
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.1 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: 105.201 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

PB105599BL

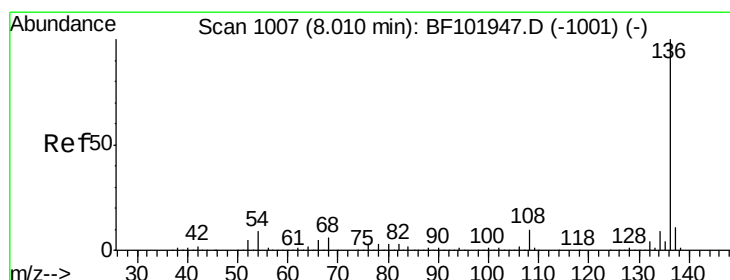
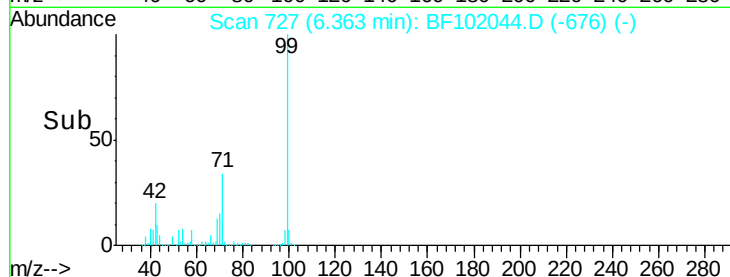
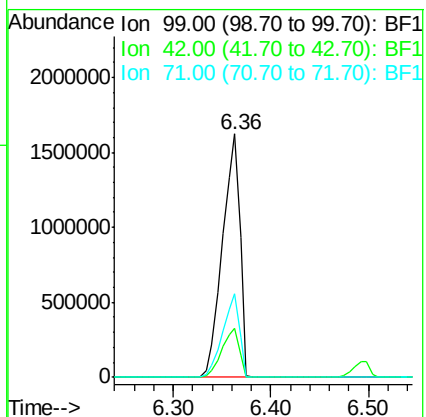
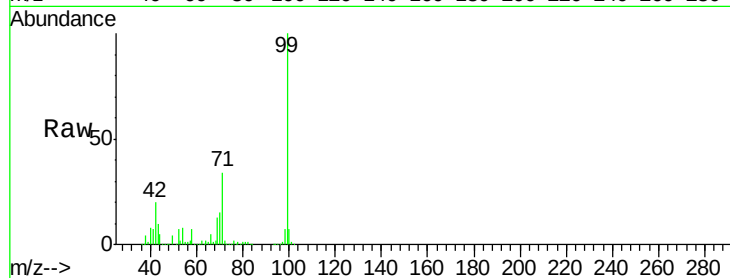
Tgt Ion: 99 Resp: 2022042

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Tgt Ion: 136 Resp: 940502

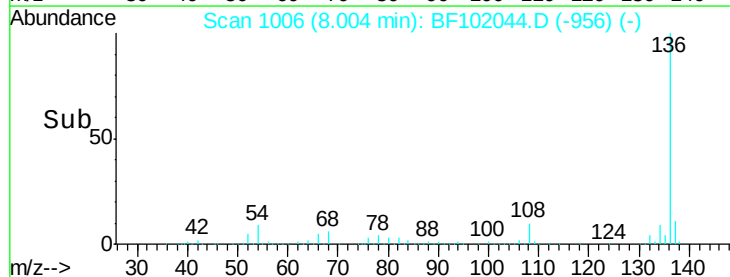
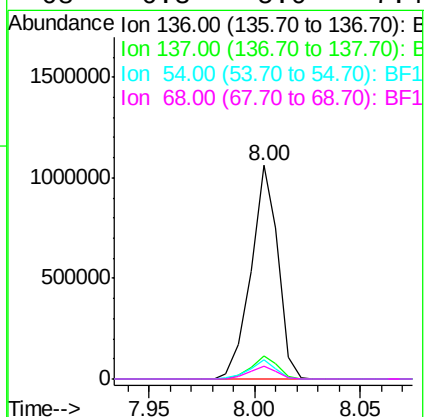
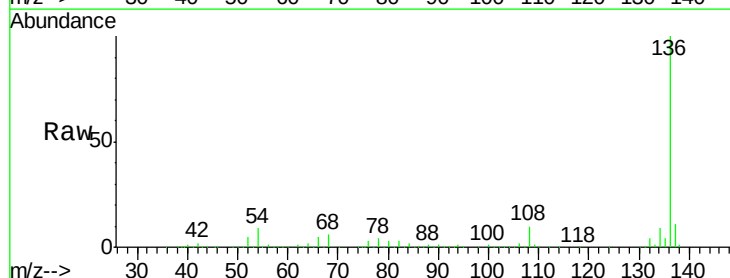
Ion Ratio Lower Upper

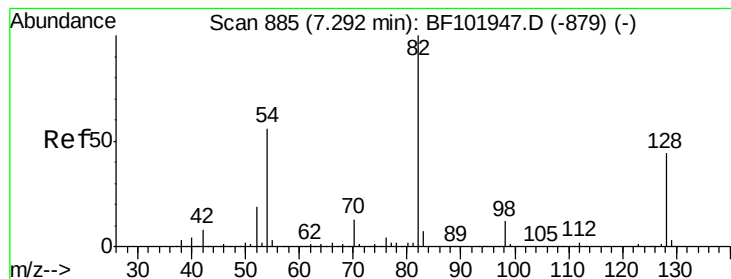
136 100

137 10.8 8.9 13.3

54 8.9 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 80.651 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

PB105599BL

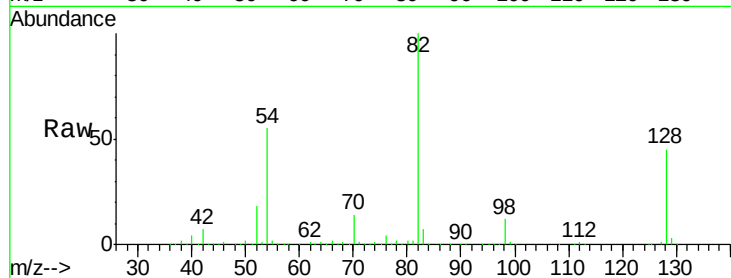
Tgt Ion: 82 Resp: 1290792

Ion Ratio Lower Upper

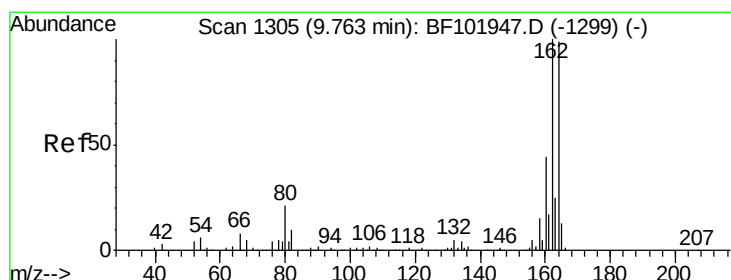
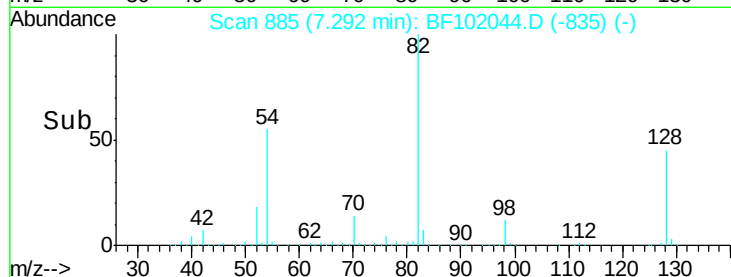
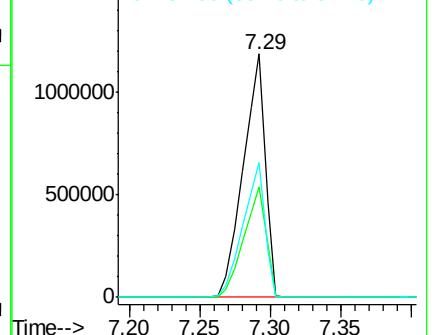
82 100

128 45.4 36.1 54.1

54 55.2 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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

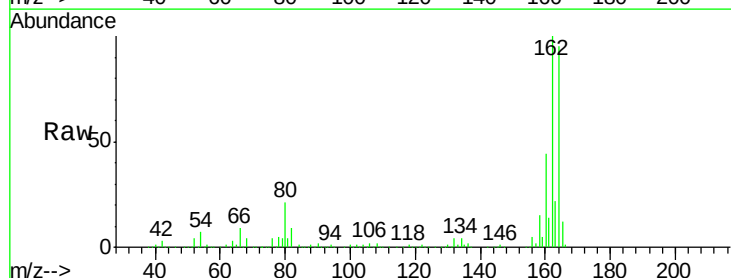
Tgt Ion: 164 Resp: 414924

Ion Ratio Lower Upper

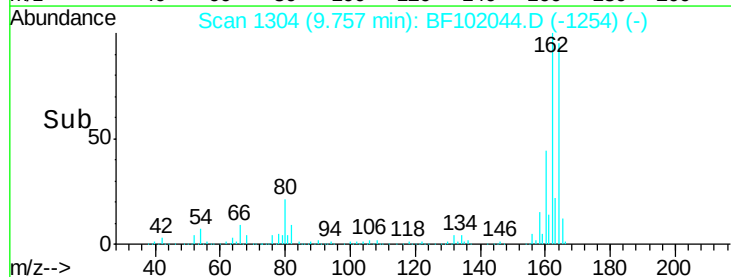
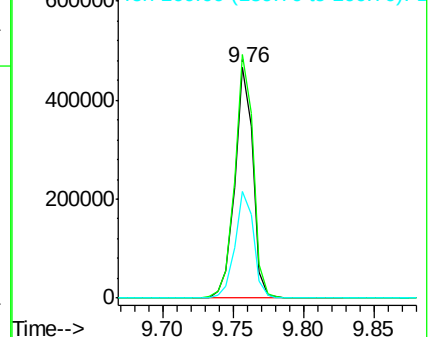
164 100

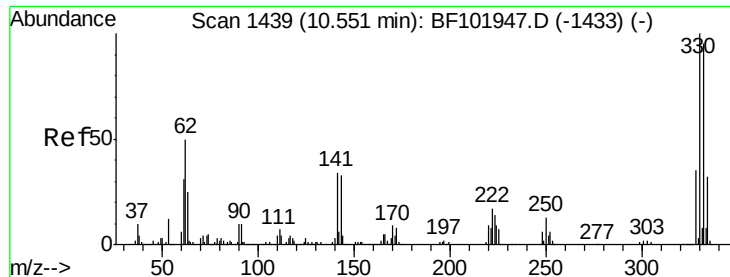
162 105.7 86.1 129.1

160 46.4 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

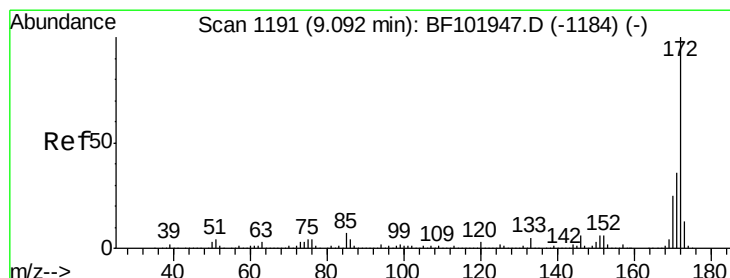
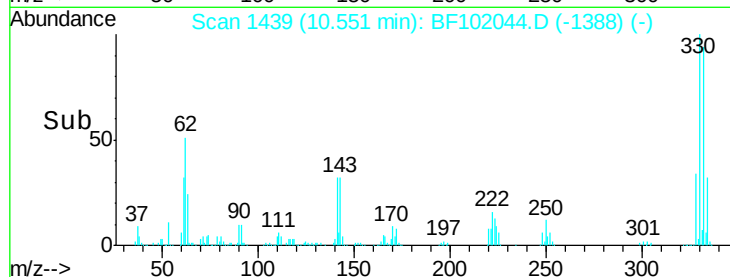
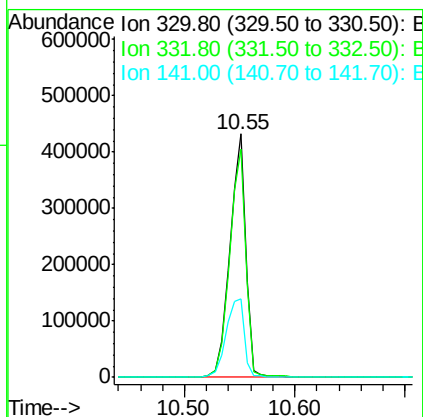
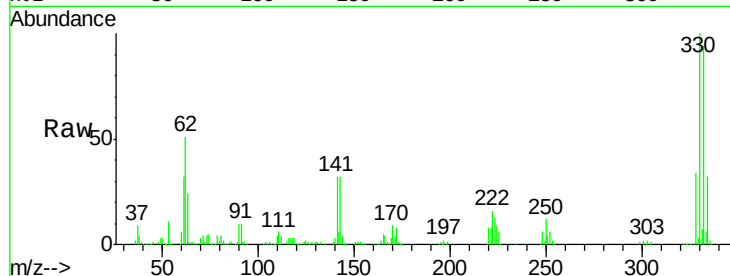




#41
 2,4,6-Tribromophenol
 Concen: 121.018 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

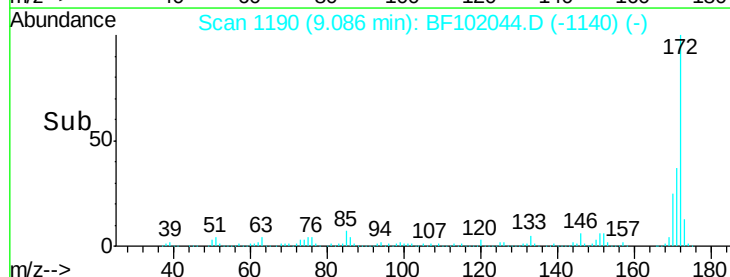
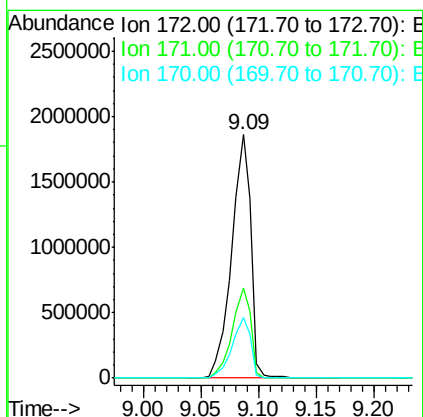
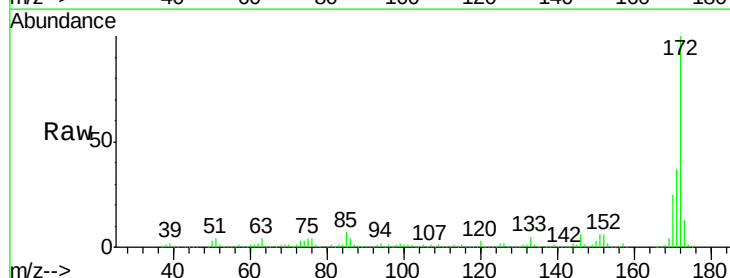
Instrument :
 BNA_F
 ClientSampleId :
 PB105599BL

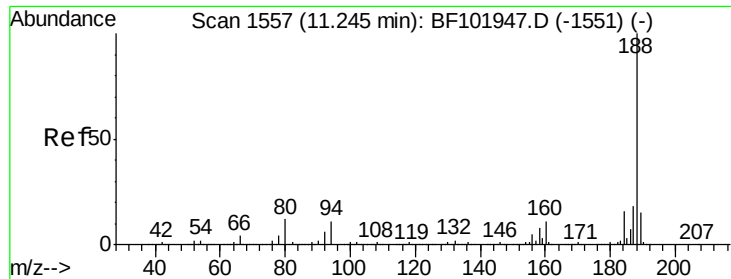
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 80.558 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4

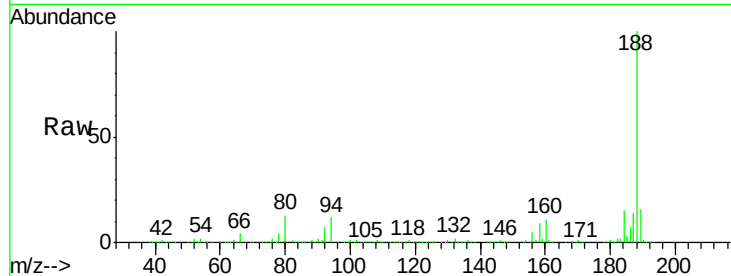




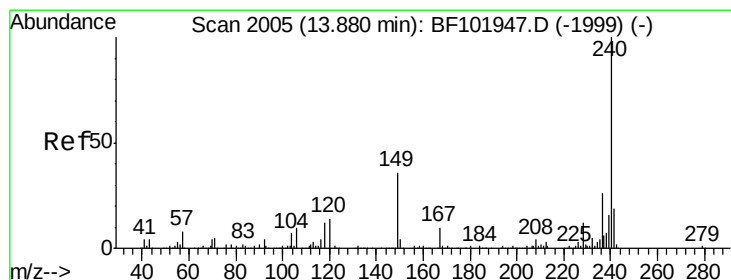
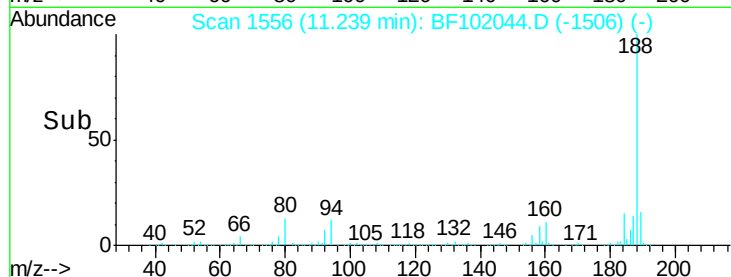
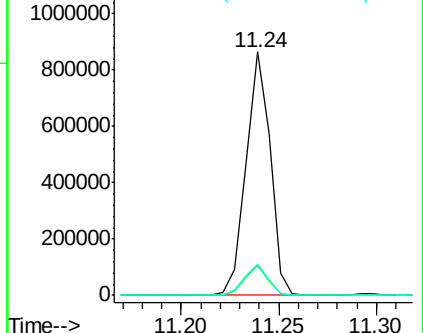
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :
PB105599BL

Tgt Ion:188 Resp: 744420
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.8 9.2 13.8

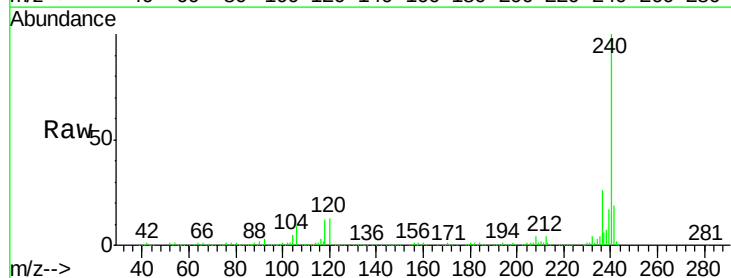


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

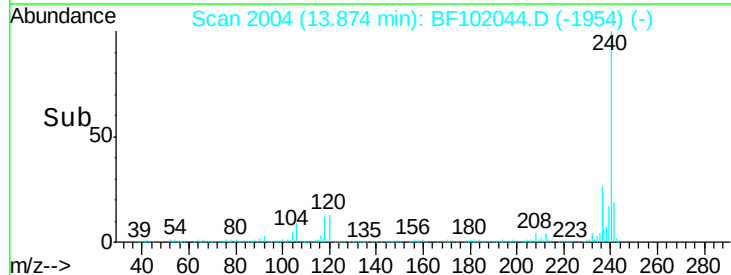
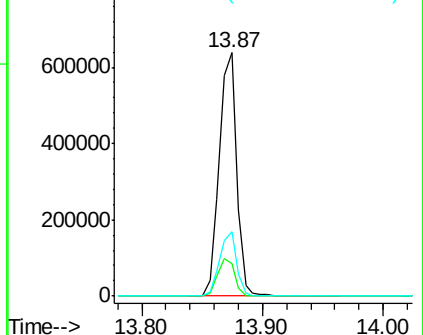


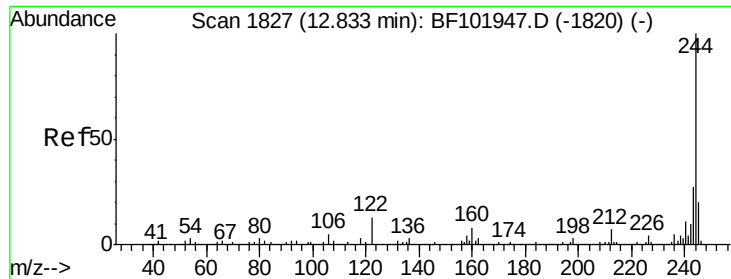
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Tgt Ion:240 Resp: 635575
Ion Ratio Lower Upper
240 100
120 13.4 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

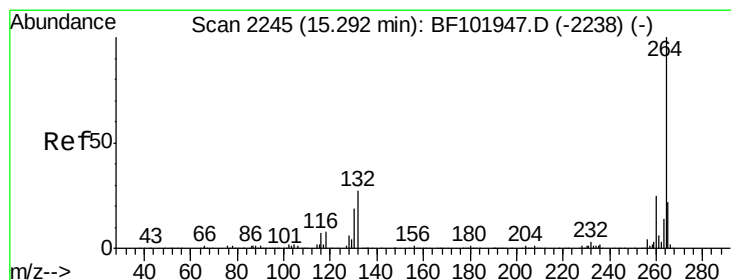
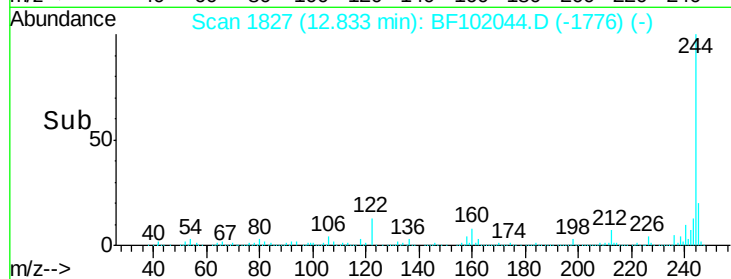
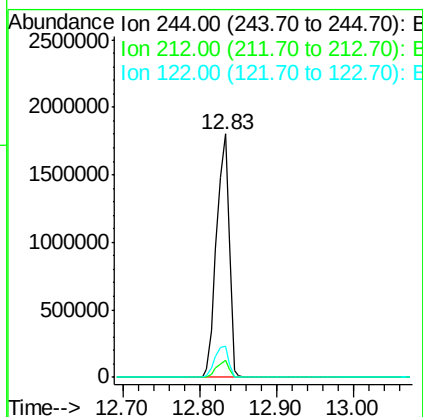
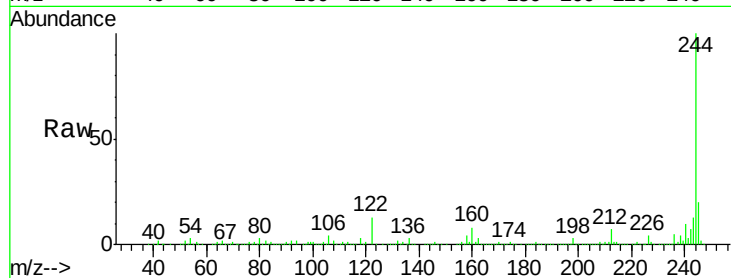




#78
 Terphenyl-d14
 Concen: 66.571 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Instrument :
 BNA_F
 ClientSampleID :
 PB105599BL

Tgt Ion:244 Resp: 2037853
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Tgt Ion:264 Resp: 507585
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.8 17.5 26.3

