

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102185.D
 Acq On : 18 Jan 2018 8:09
 Operator : SJ/JU
 Sample : J1144-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-2

Quant Time: Jan 18 09:31:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

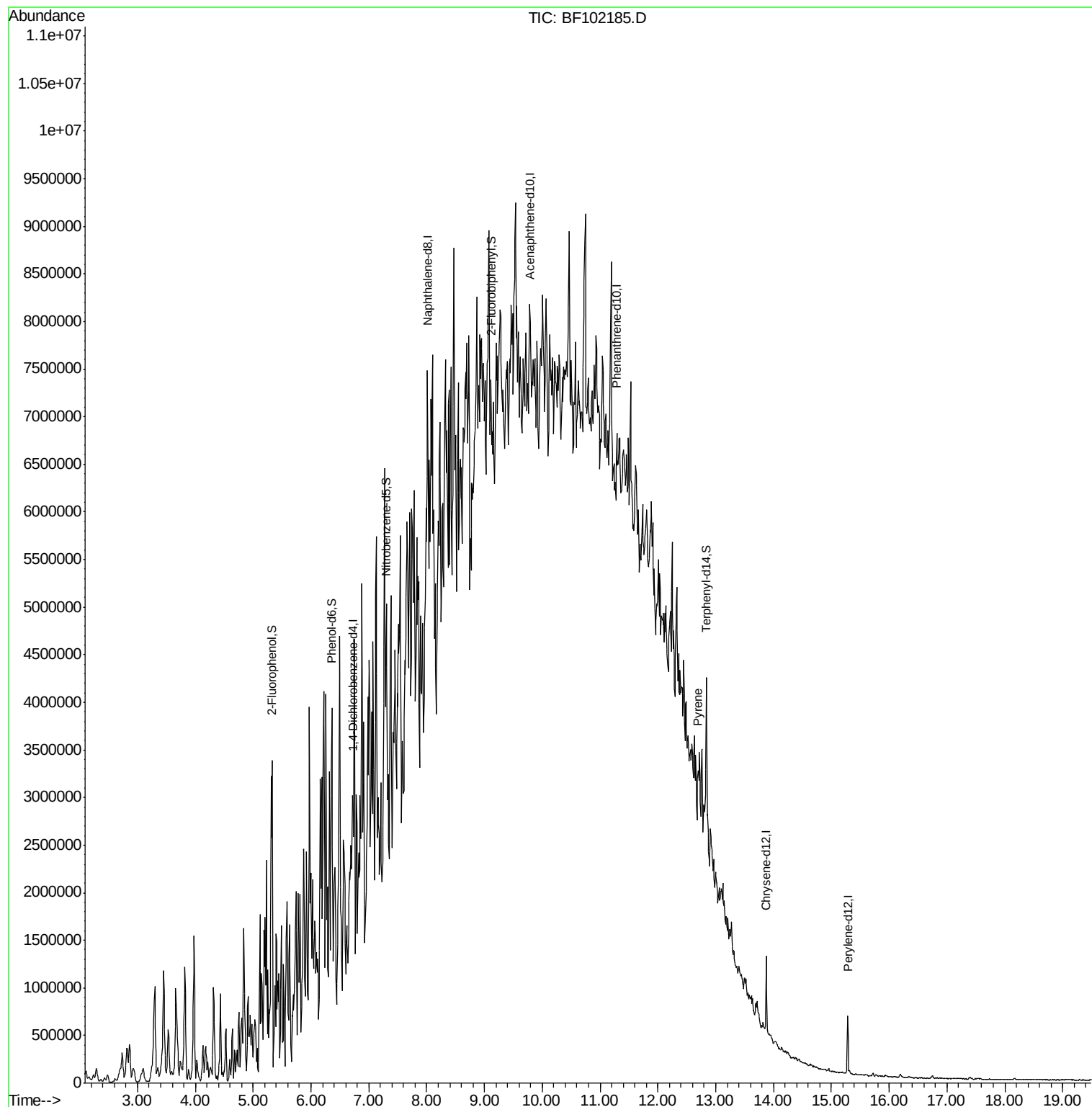
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128762	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	320664	20.00	ng	0.02
38) Acenaphthene-d10	9.80	164	110760	20.00	ng	0.04
63) Phenanthrene-d10	11.29	188	204353	20.00	ng	0.05
75) Chrysene-d12	13.87	240	252296	20.00	ng	0.00
86) Perylene-d12	15.29	264	258270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	953007	104.51	ng	0.01
7) Phenol-d6	6.36	99	1129520	103.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	683875	125.33	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
44) 2-Fluorobiphenyl	9.11	172	746878	105.35	ng	0.02
78) Terphenyl-d14	12.84	244	656712	54.04	ng	0.01
Target Compounds						
77) Pyrene	12.70	202	254300	11.403	ng	Qvalue 96

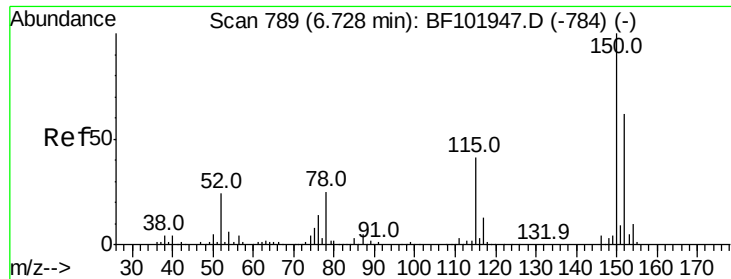
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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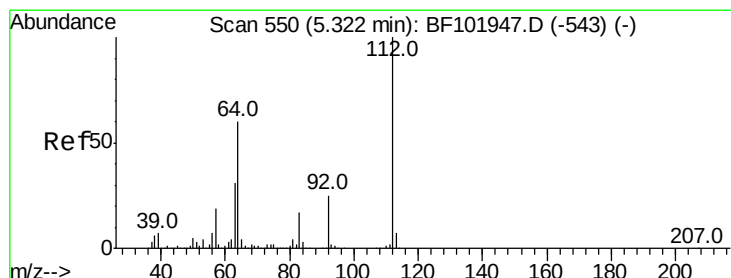
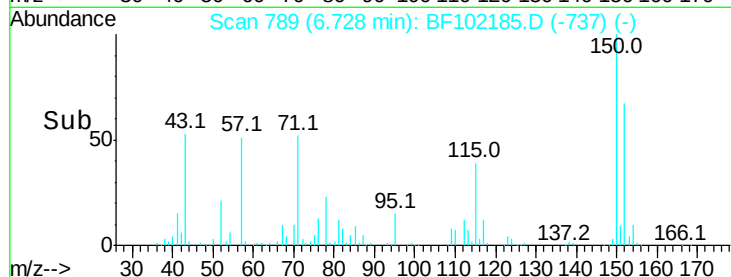
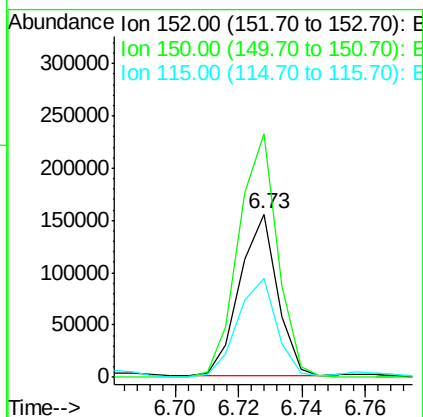
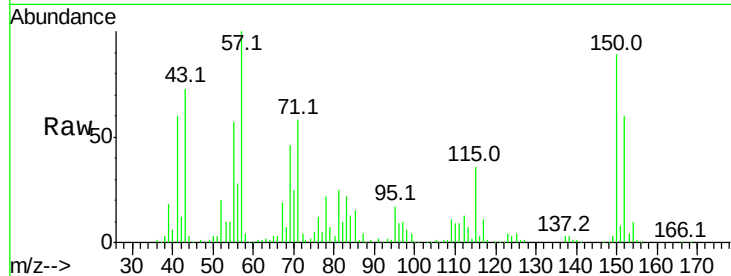


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Instrument :
BNA_F
ClientSampleId :
IGW-2

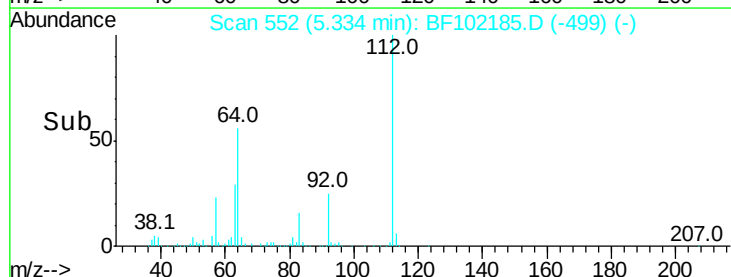
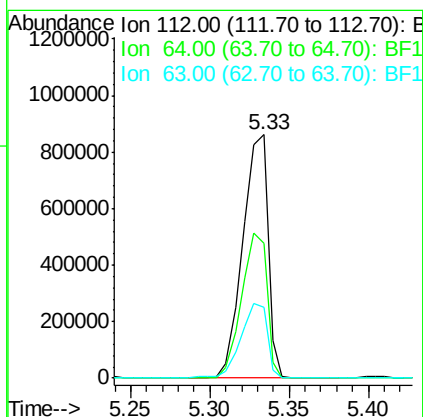
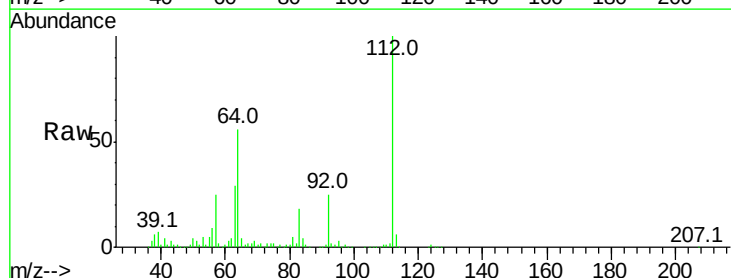
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.6	186.8
115	60.6	50.1	75.1

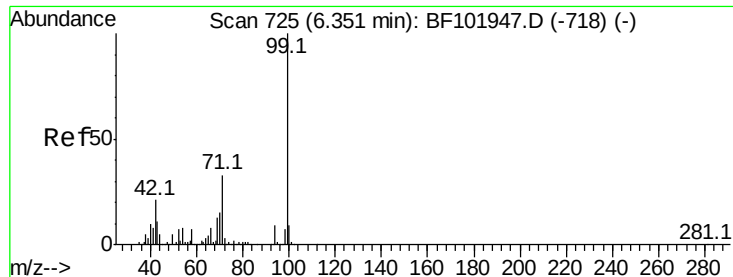


#5

2-Fluorophenol
Concen: 104.513 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 103.822 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :

BNA_F

ClientSampleId :

IGW-2

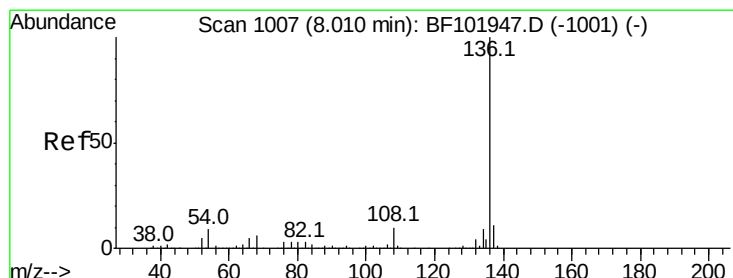
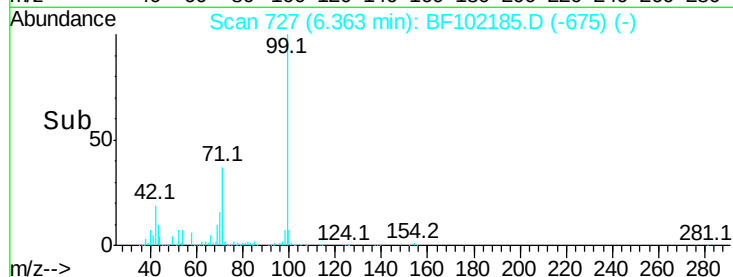
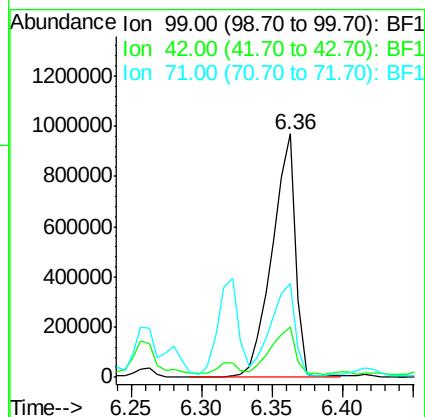
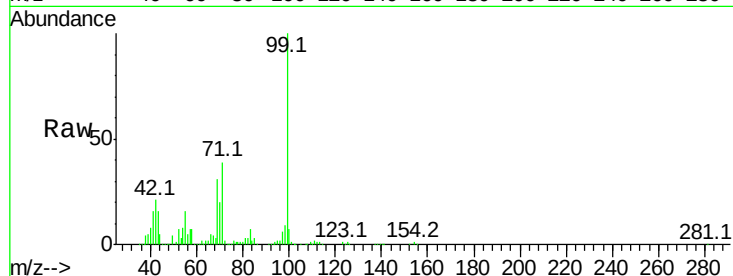
Tot Ion: 99 Resp: 1129520

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 38.5 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Tgt Ion: 136 Resp: 320664

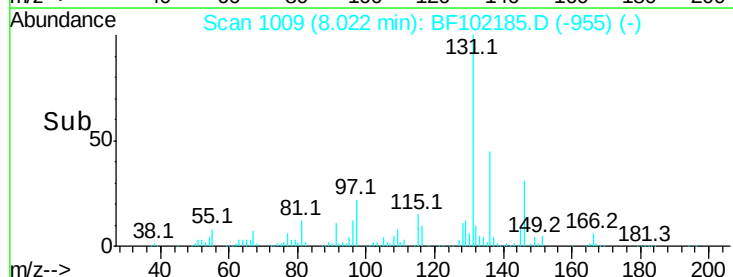
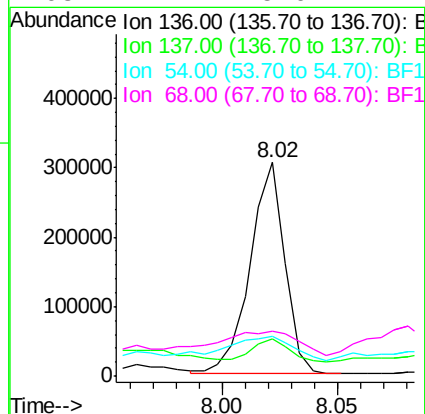
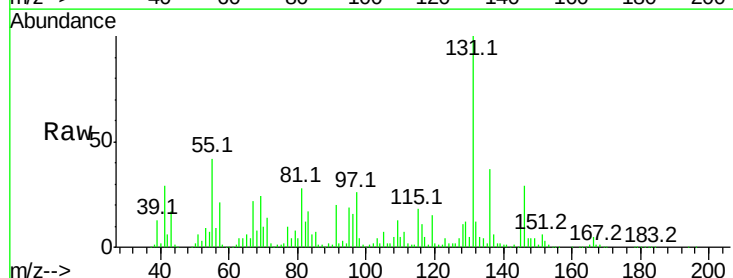
Ion Ratio Lower Upper

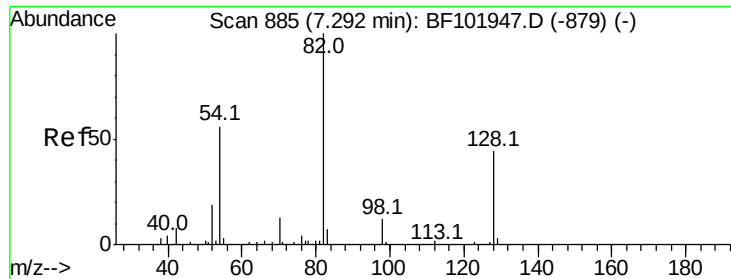
136 100

137 17.4 8.9 13.3#

54 18.8 6.6 9.8#

68 21.2 5.0 7.4#

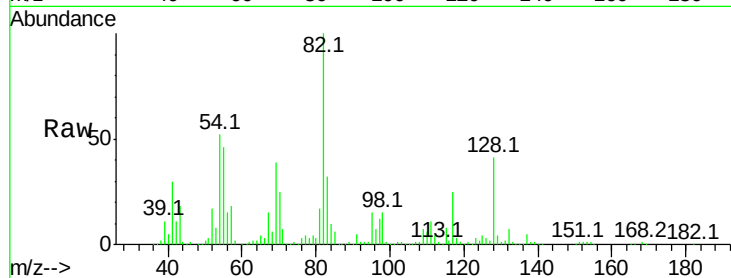




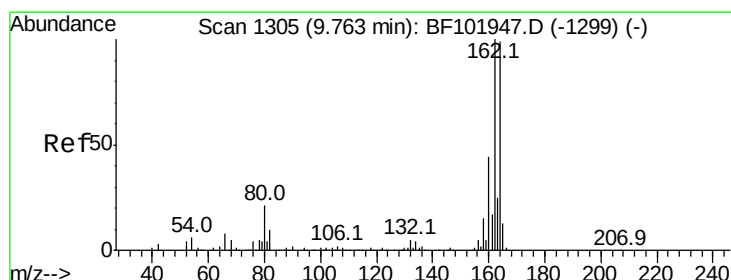
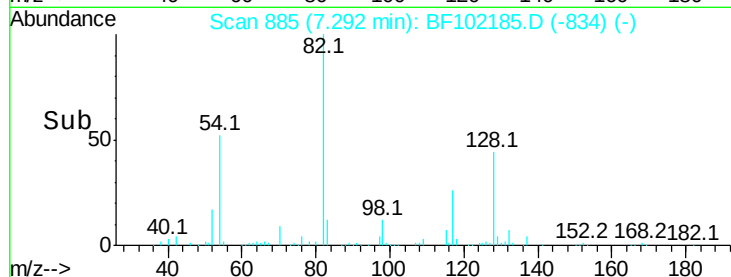
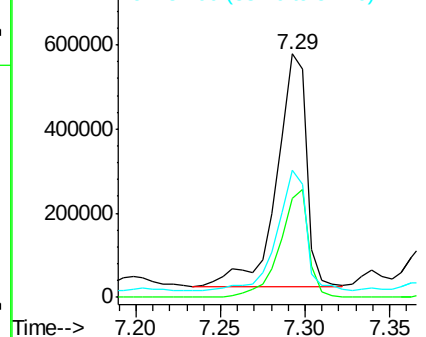
#23
Nitrobenzene-d5
Concen: 125.325 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Instrument :
BNA_F
ClientSampleId :
IGW-2

Tot Ion	82	Resp	683875
Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	52.1	41.4	62.2

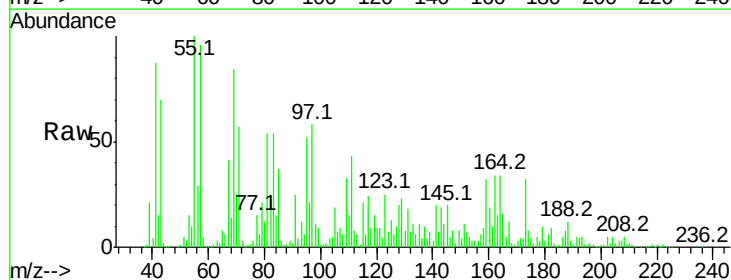


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

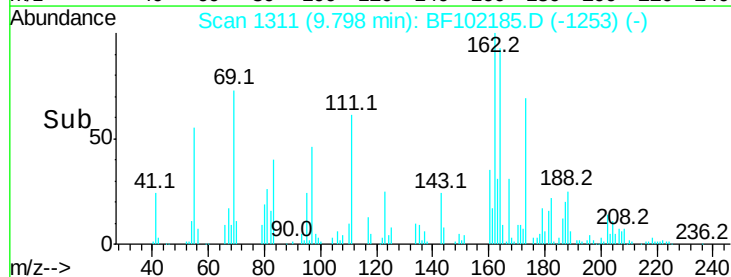
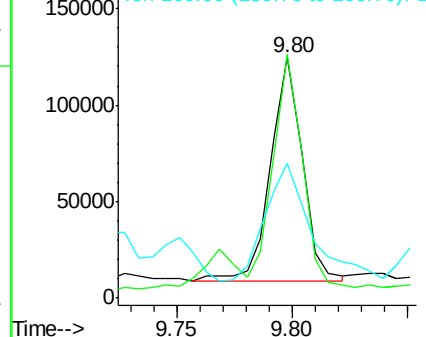


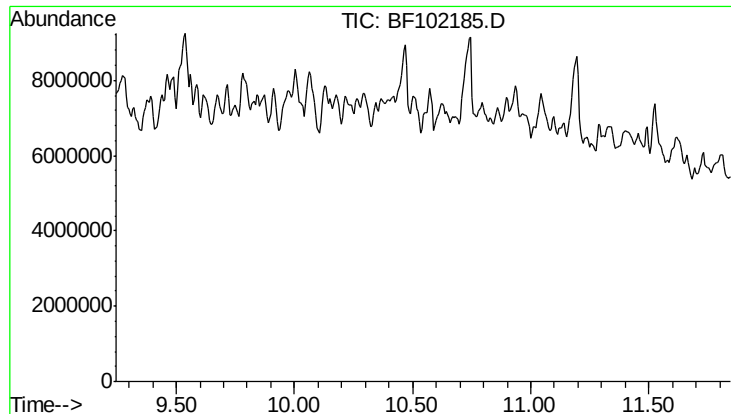
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.04 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion	164	Resp	110760
Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	55.8	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

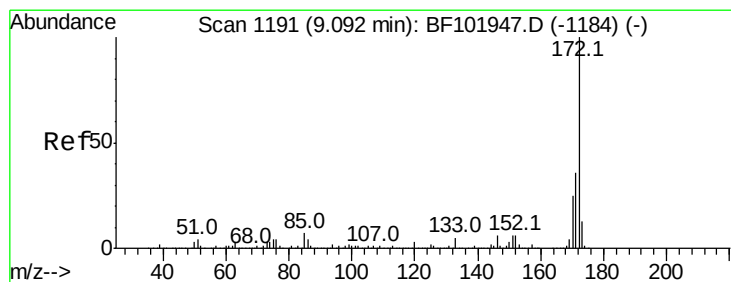
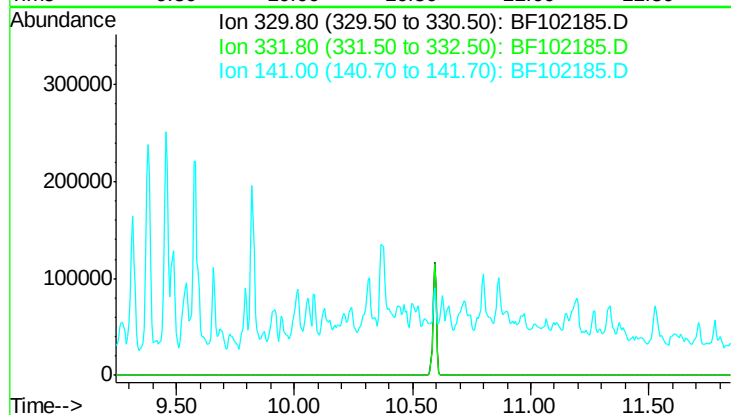




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.55 min
 Lab File: BF102185.D
 Acq: 18 Jan 2018 8:09

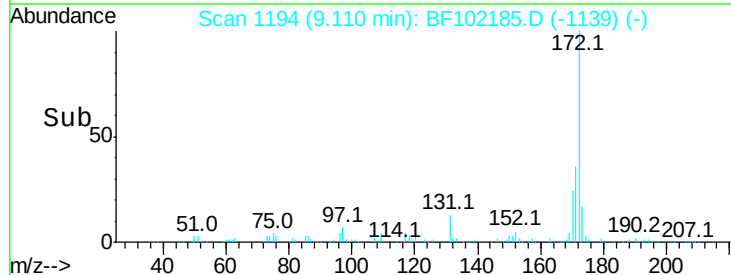
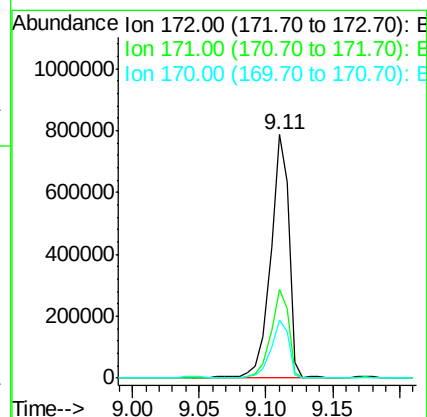
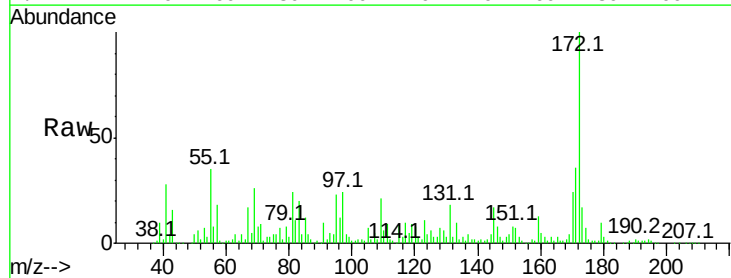
Instrument :
 BNA_F
 ClientSampleId :
 IGW-2

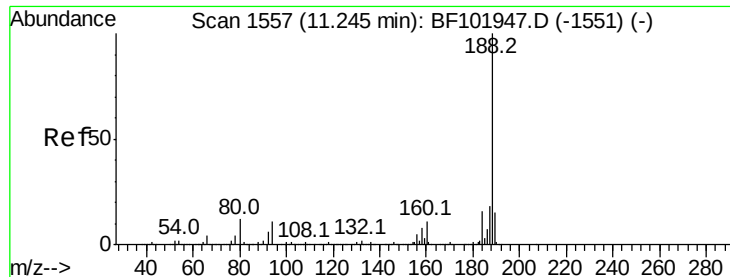
Tot Ion	330	332	141
Exp Ratio	100	96.3	37.4



#44
 2-Fluorobiphenyl
 Concen: 105.347 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.02 min
 Lab File: BF102185.D
 Acq: 18 Jan 2018 8:09

Tgt Ion	172	Resp	746878
Ion Ratio	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

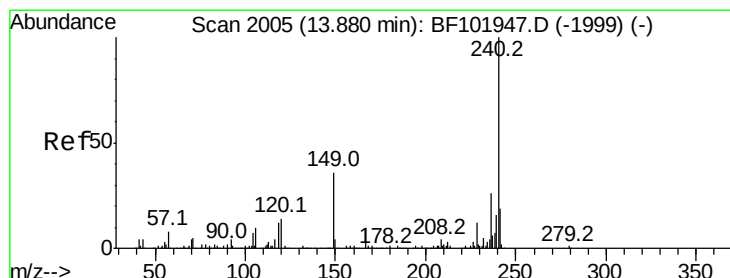
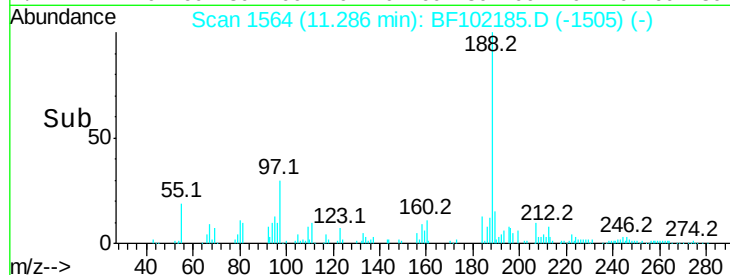
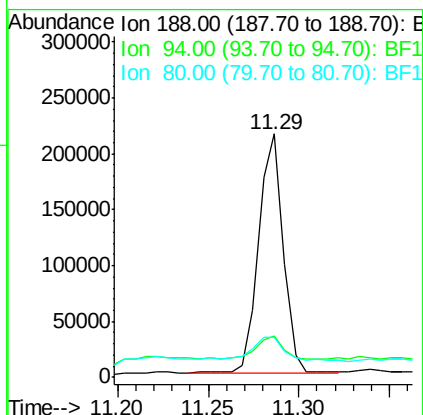
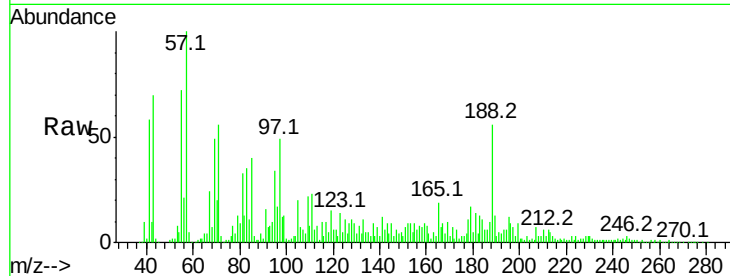




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.05 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

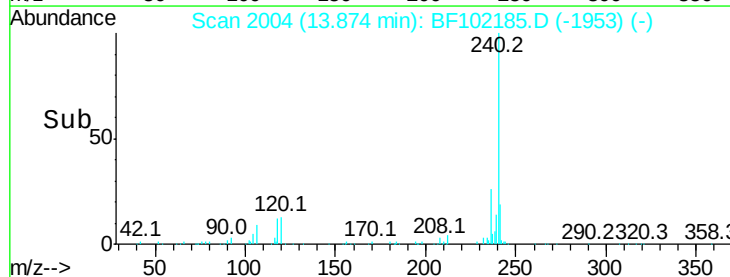
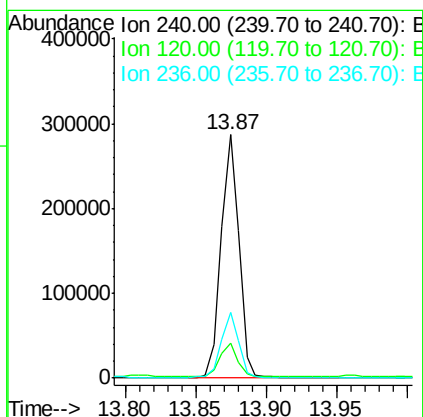
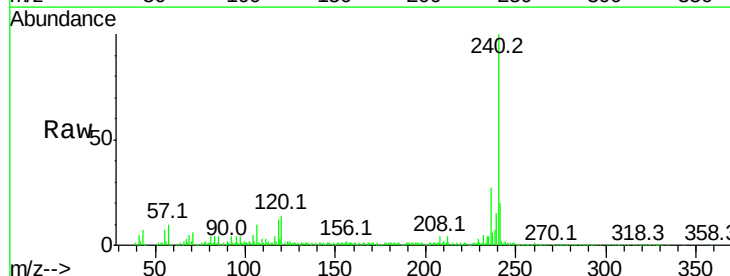
Instrument :
BNA_F
ClientSampleId :
IGW-2

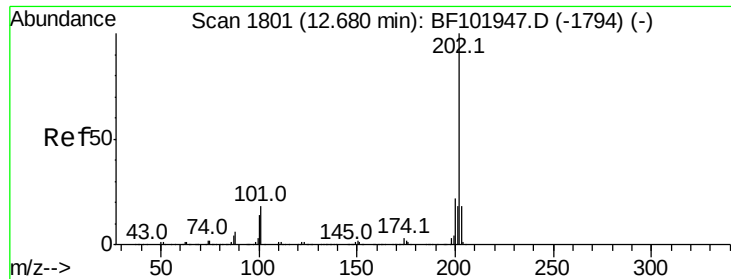
Tot Ion:188 Resp: 204353
Ion Ratio Lower Upper
188 100
94 17.1 8.5 12.7#
80 16.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Tgt Ion:240 Resp: 252296
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.8 20.7 31.1





#77

Pvrene

Concen: 11.403 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.02 min

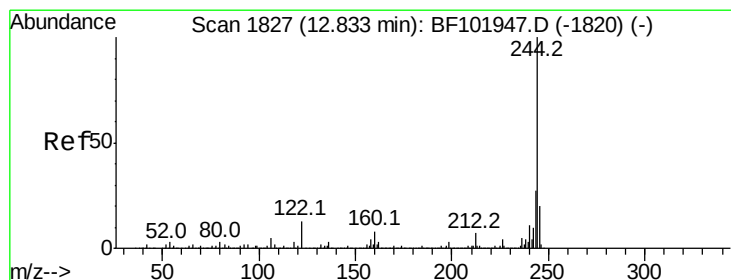
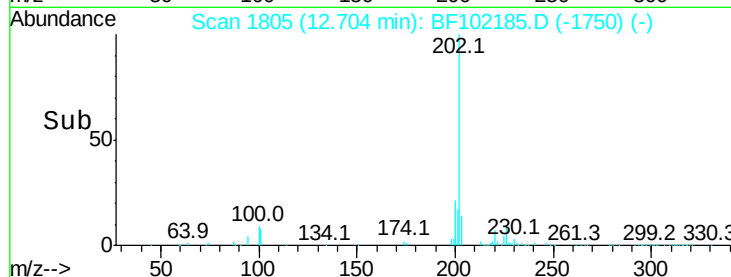
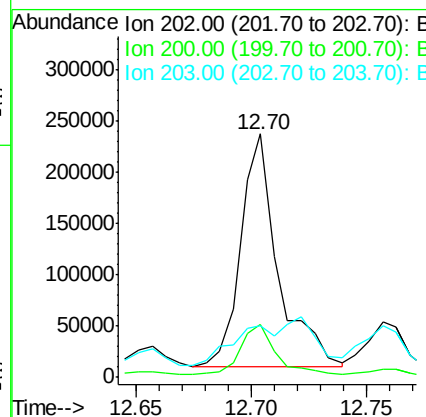
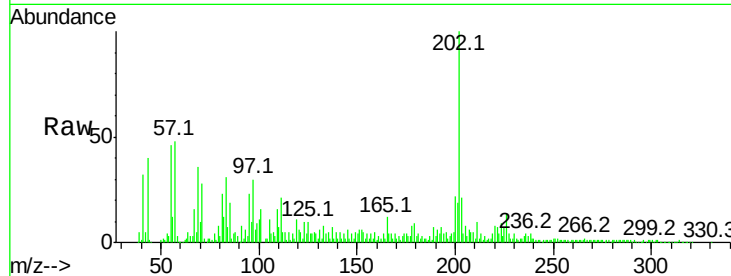
Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Instrument :
BNA_F
ClientSampleId :
IGW-2

Tot Ion:202 Resp: 254300

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	21.2	14.3	21.5



#78

Terphenyl-d14

Concen: 54.044 ng

RT: 12.84 min Scan# 1828

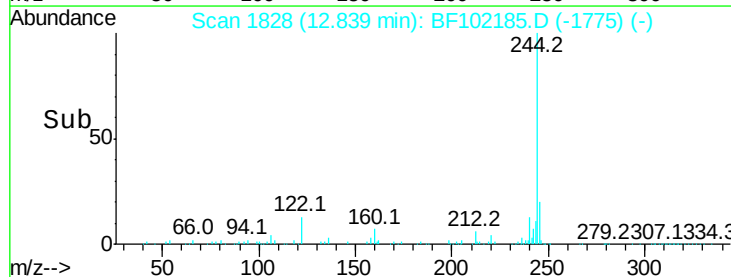
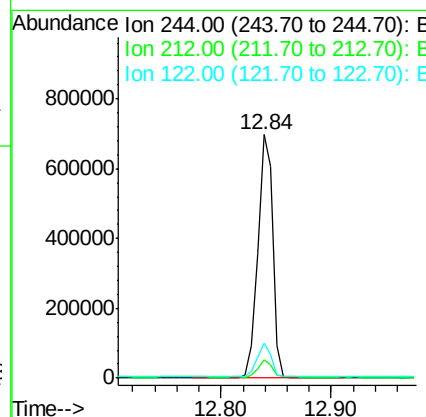
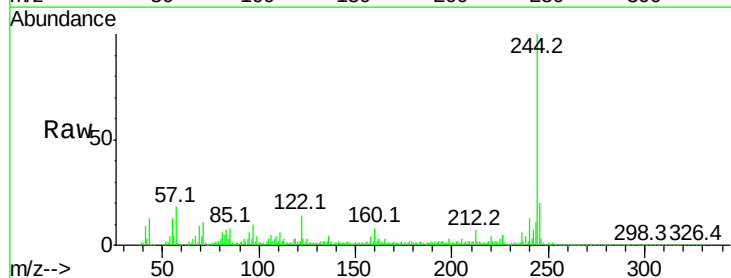
Delta R.T. 0.01 min

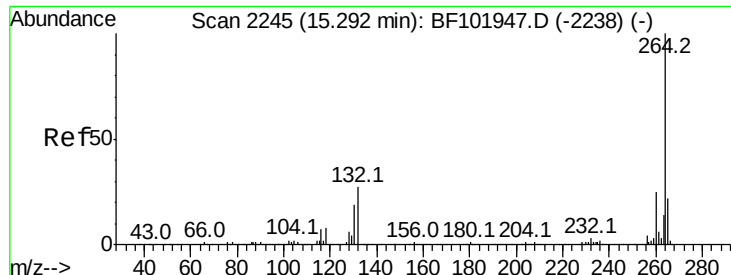
Lab File: BF102185.D

Acq: 18 Jan 2018 8:09

Tgt Ion:244 Resp: 656712

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.2	11.0	16.4

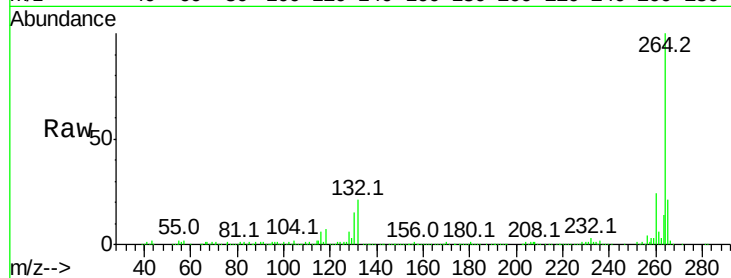




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102185.D
Acq: 18 Jan 2018 8:09

Instrument :
BNA_F
ClientSampleId :
IGW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	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

