

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102173.D
 Acq On : 18 Jan 2018 2:49
 Operator : SJ/JU
 Sample : J1156-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Quant Time: Jan 18 04:44:50 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

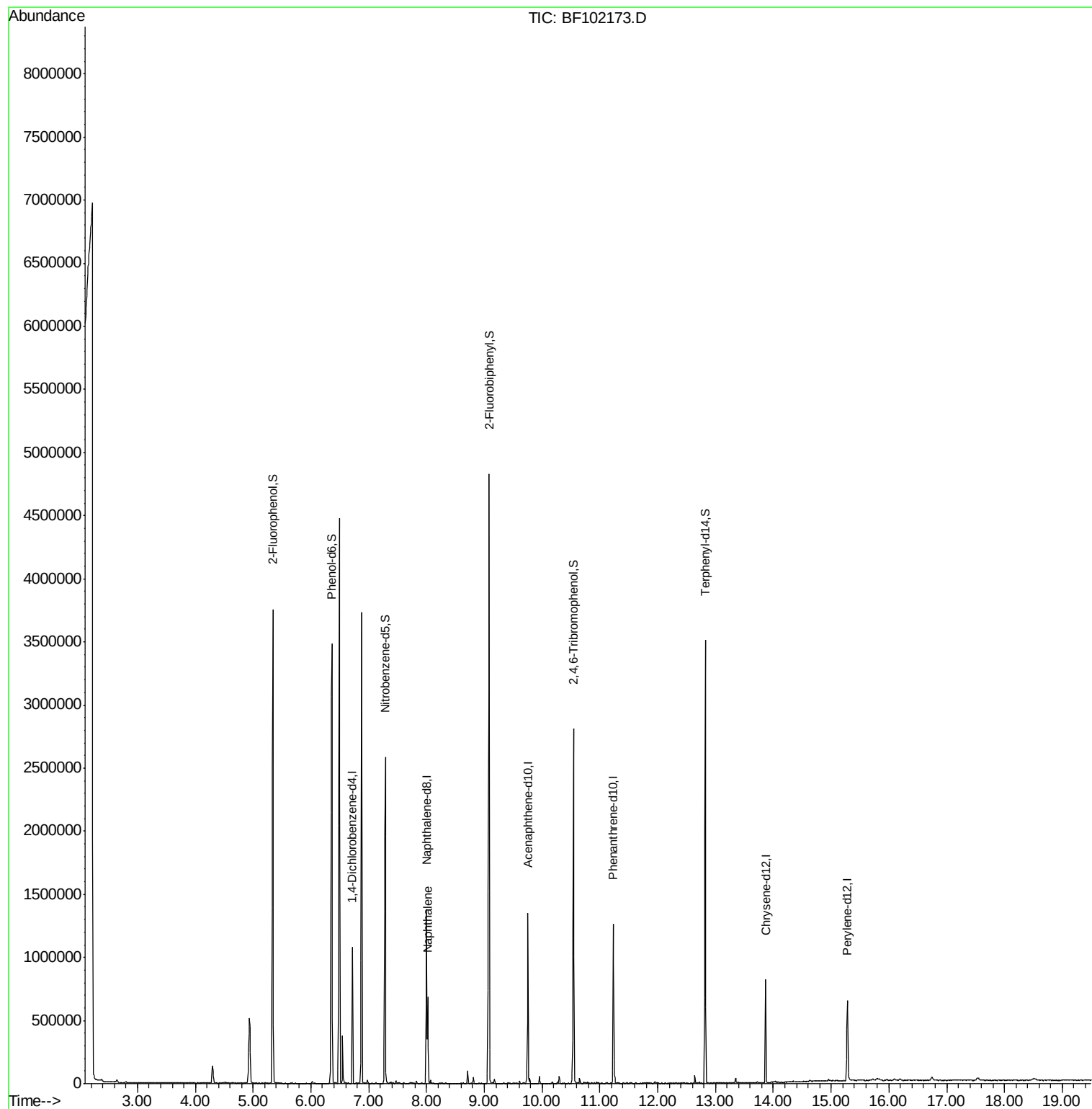
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166141	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	665865	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	284504	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	432560	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279001	20.00	ng	0.00
86) Perylene-d12	15.28	264	273779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1253538	106.54	ng	0.02
7) Phenol-d6	6.36	99	1365453	97.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	1079115	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	337160	135.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1805152	99.12	ng	0.00
78) Terphenyl-d14	12.83	244	1263912	94.06	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	277532	8.341	ng	Qvalue 100

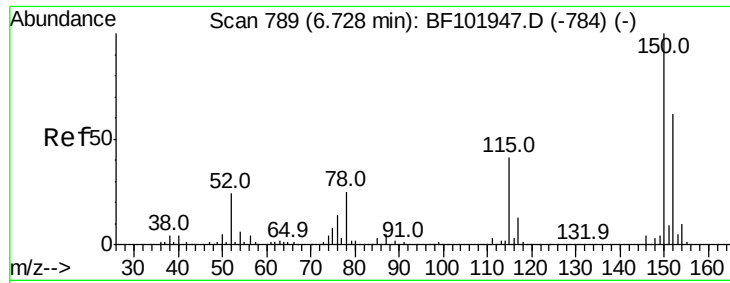
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102173.D
Acq On : 18 Jan 2018 2:49
Operator : SJ/JU
Sample : J1156-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Quant Time: Jan 18 04:44:50 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



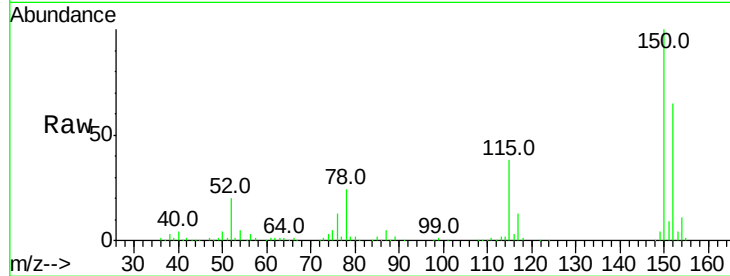


#1

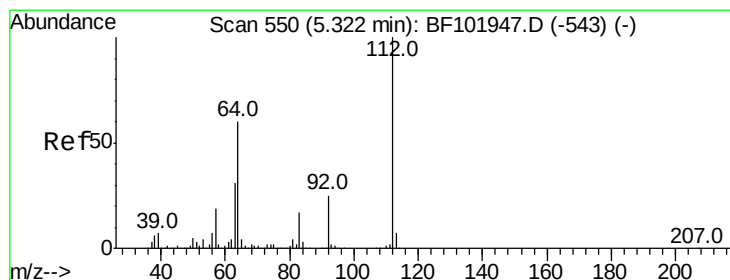
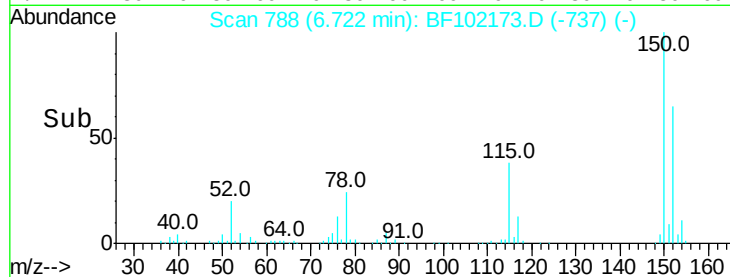
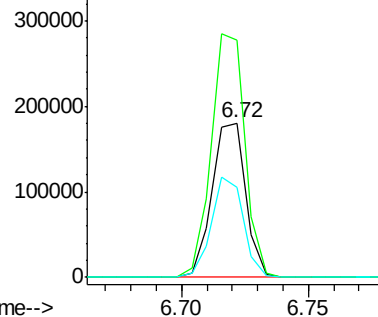
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion:152 Resp: 166141
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.4 50.1 75.1



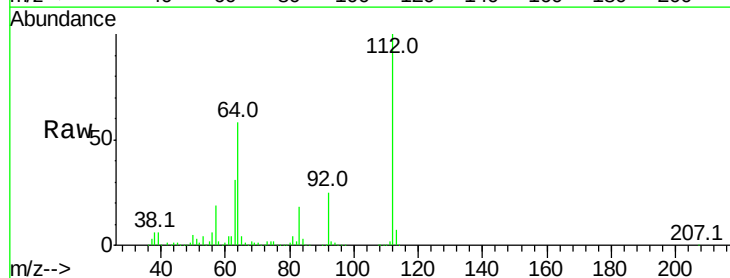
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



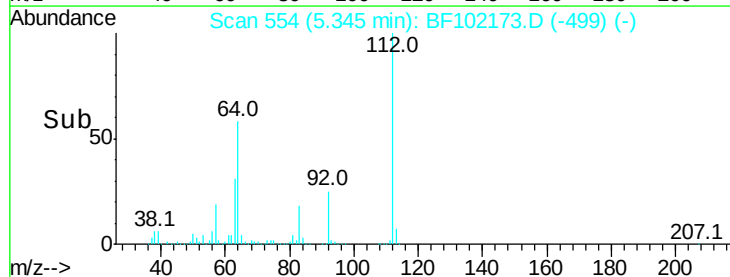
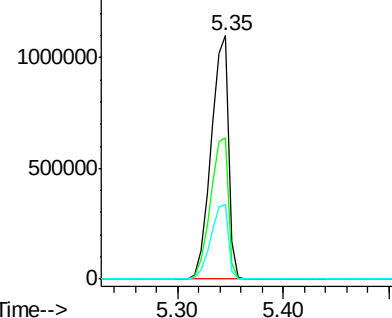
#5

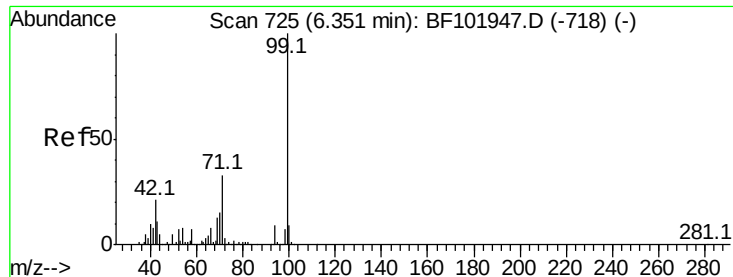
2-Fluorophenol
Concen: 106.542 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102173.D
Acq: 18 Jan 2018 2:49

Tgt Ion:112 Resp: 1253538
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.6 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: 97.271 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP

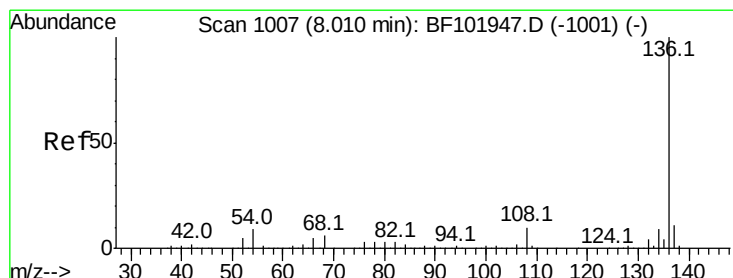
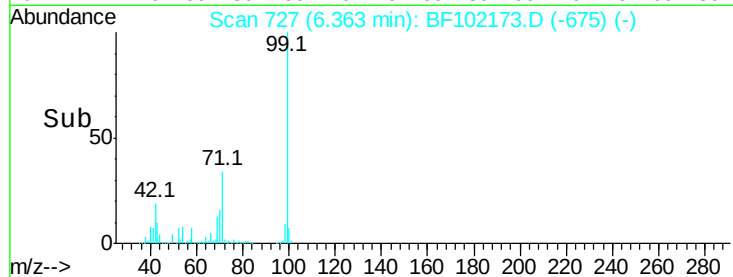
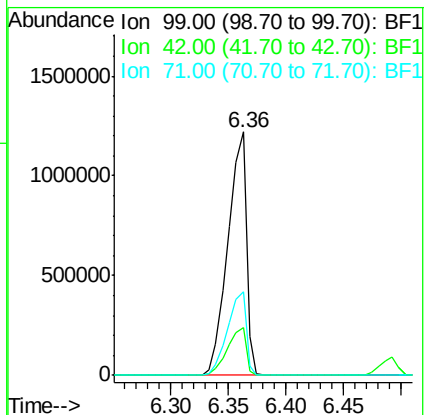
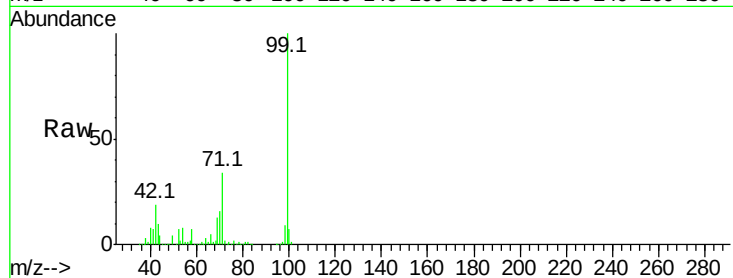
Tot Ion: 99 Resp: 1365453

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Tgt Ion: 136 Resp: 665865

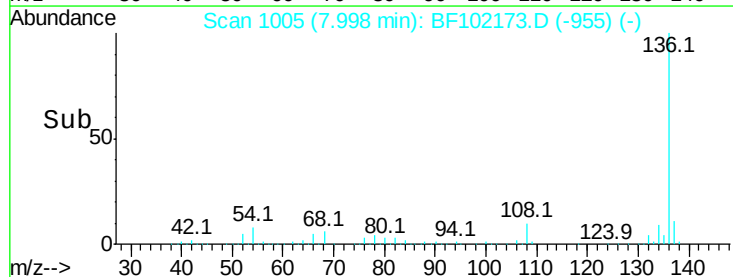
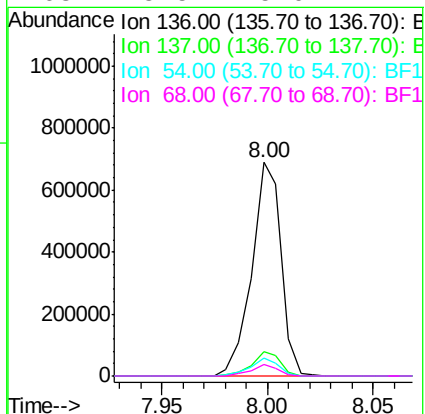
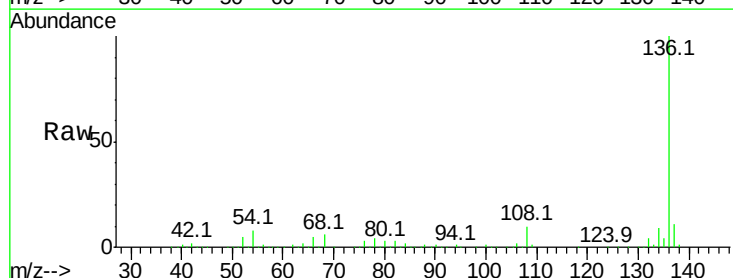
Ion Ratio Lower Upper

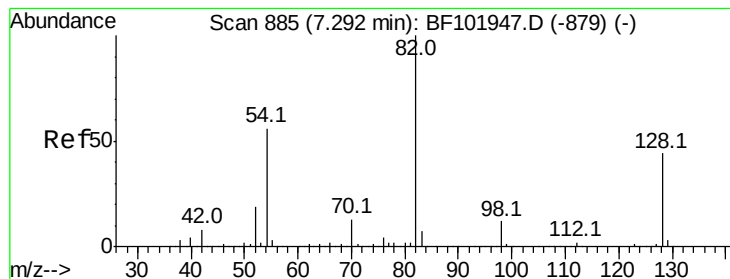
136 100

137 11.3 8.9 13.3

54 8.5 6.6 9.8

68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.234 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP

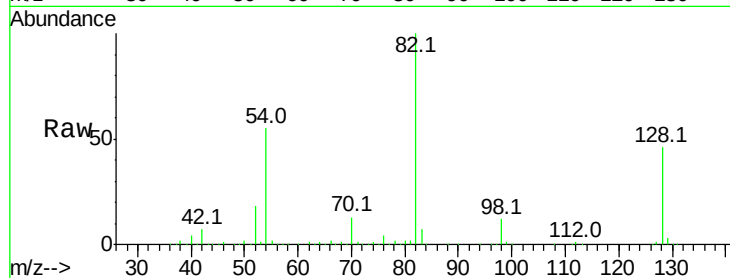
Tot Ion: 82 Resp: 1079115

Ion Ratio Lower Upper

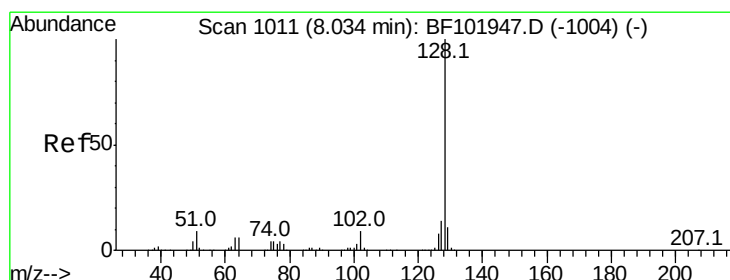
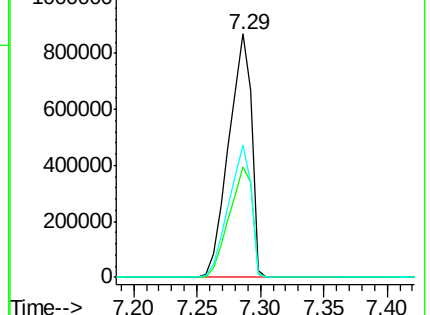
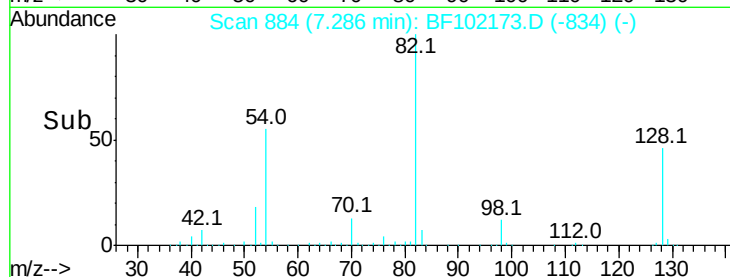
82 100

128 45.6 36.1 54.1

54 54.5 41.4 62.2



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



#31

Naphthalene

Concen: 8.341 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

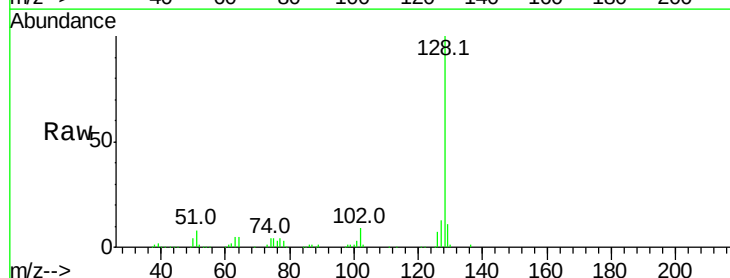
Tgt Ion: 128 Resp: 277532

Ion Ratio Lower Upper

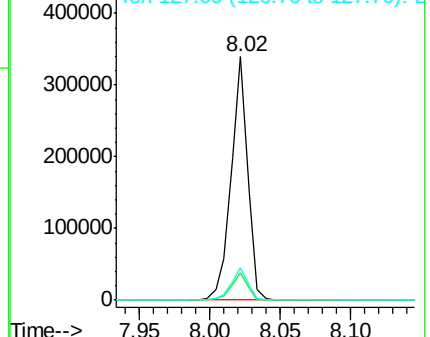
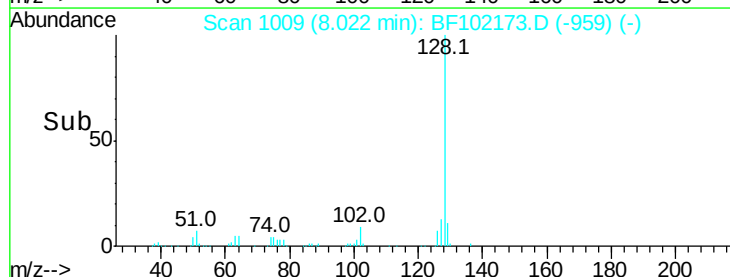
128 100

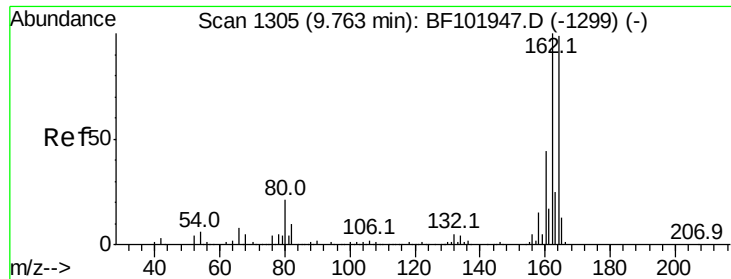
129 11.0 8.8 13.2

127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

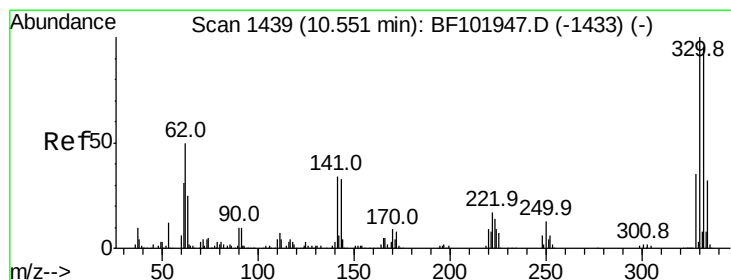
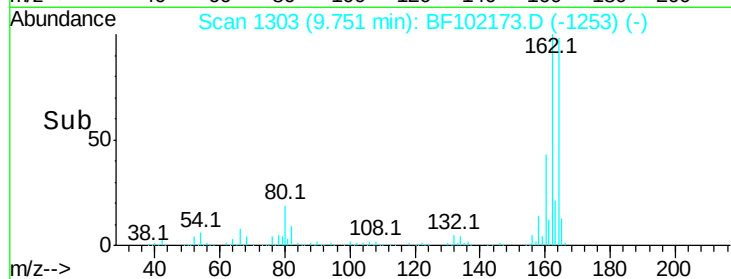
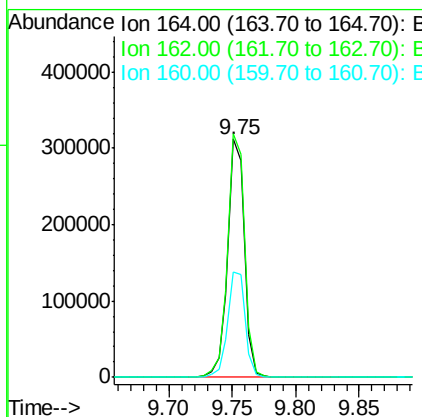
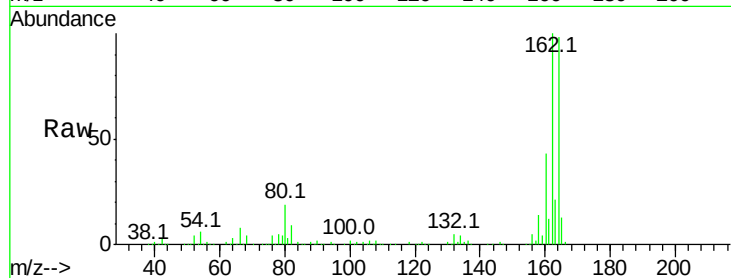




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

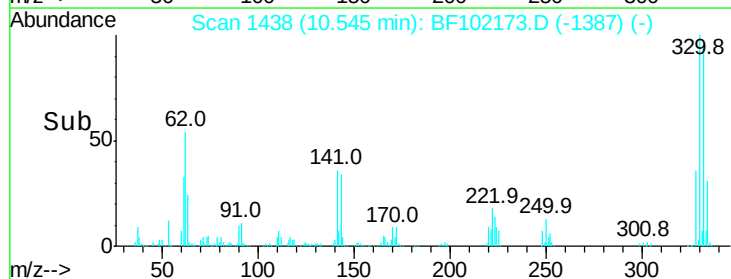
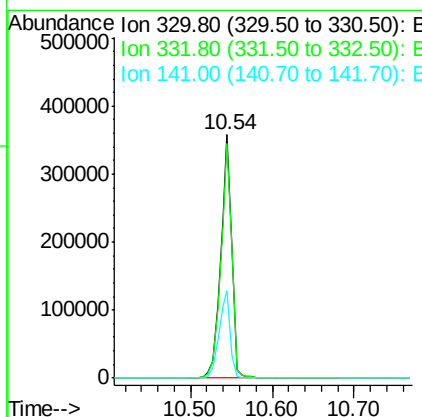
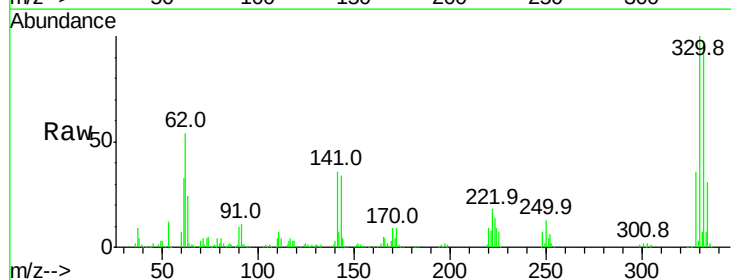
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

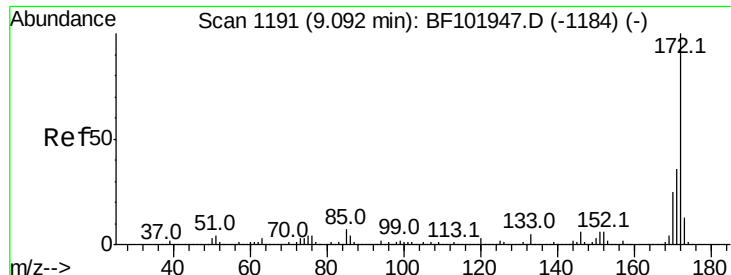
Tot Ion:164 Resp: 284504
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 44.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 135.797 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

Tgt Ion:330 Resp: 337160
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 36.8 29.9 44.9



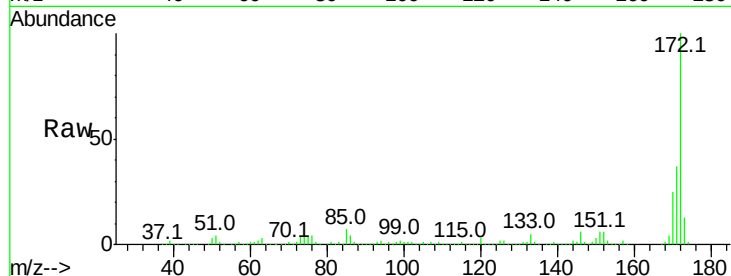


#44
 2-Fluorobiphenyl
 Concen: 99.125 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

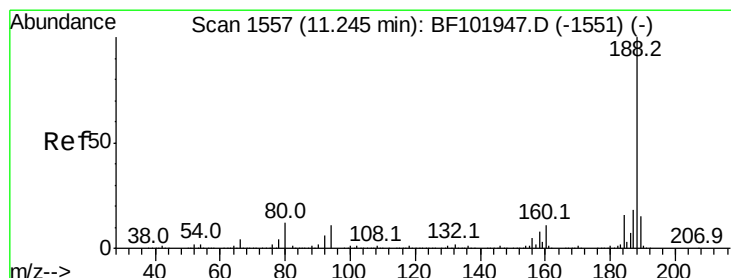
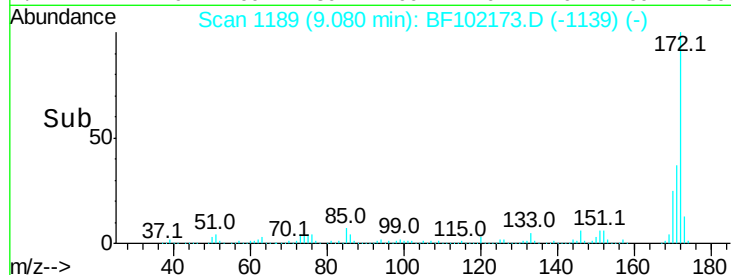
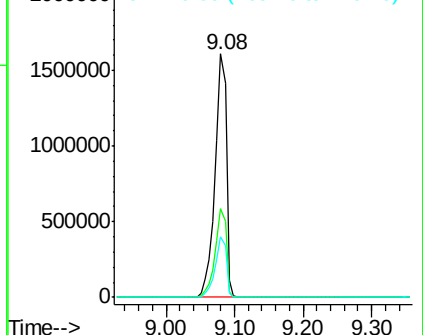
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion:172 Resp: 1805152

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4



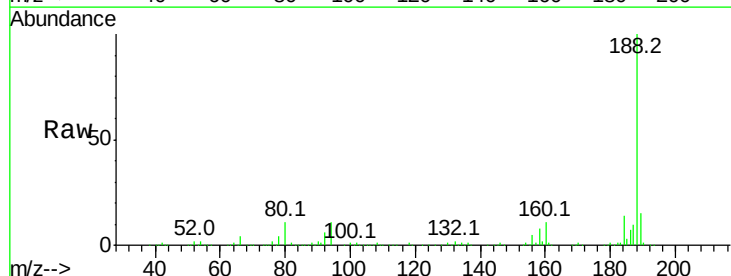
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



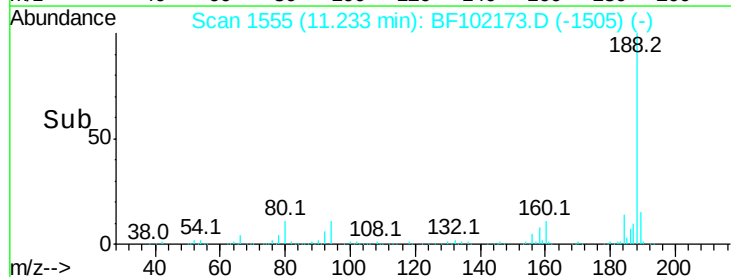
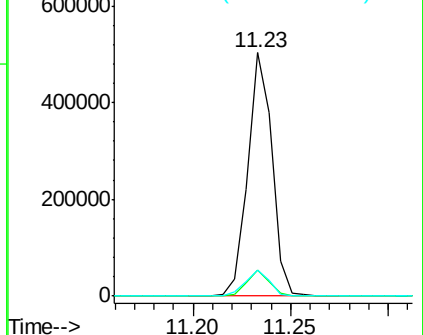
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102173.D
 Acq: 18 Jan 2018 2:49

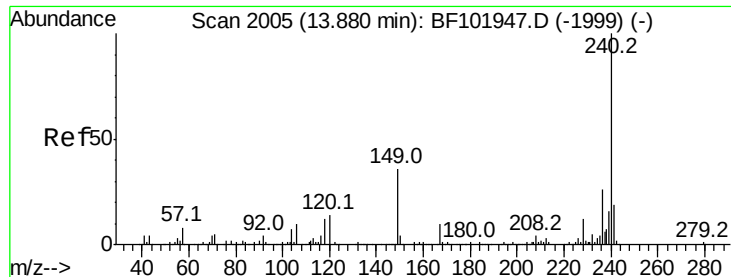
Tgt Ion:188 Resp: 432560

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	10.6	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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP

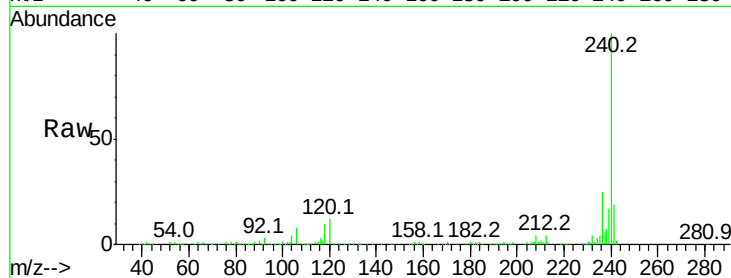
Tot Ion:240 Resp: 279001

Ion Ratio Lower Upper

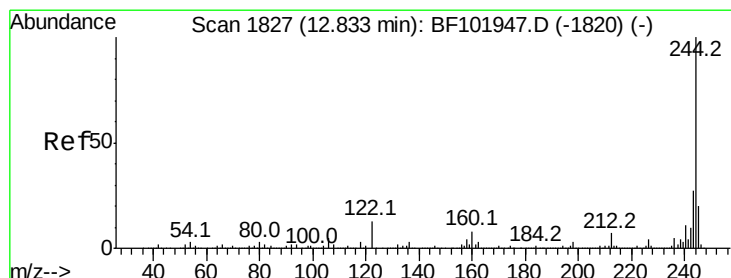
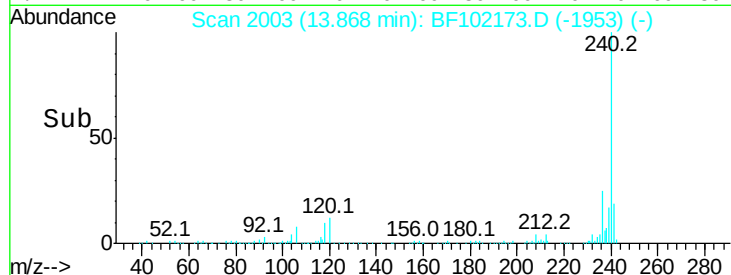
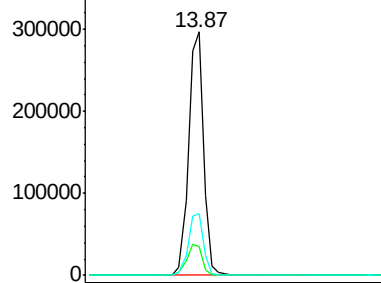
240 100

120 11.8 9.5 14.3

236 25.4 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: 94.057 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

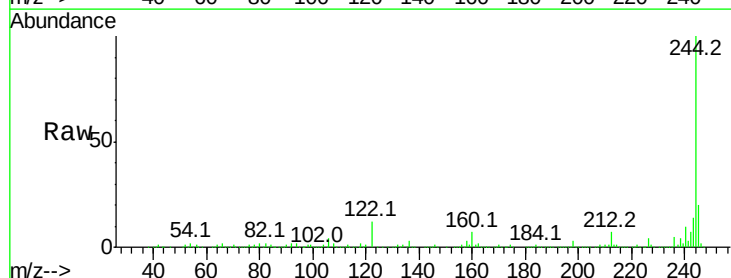
Tgt Ion:244 Resp: 1263912

Ion Ratio Lower Upper

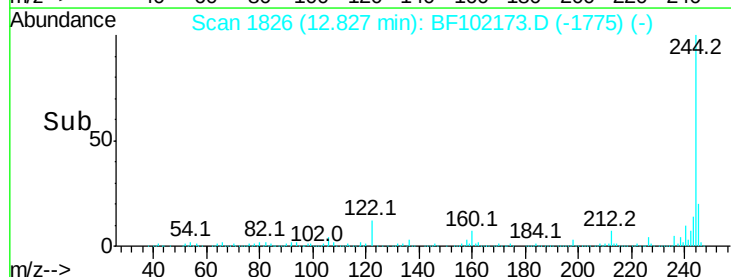
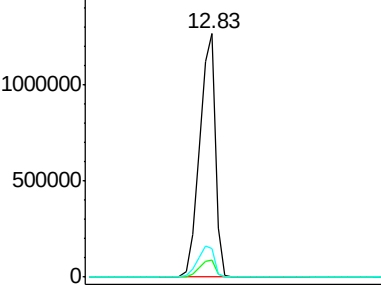
244 100

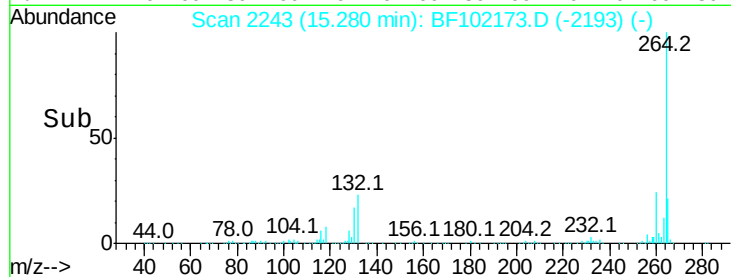
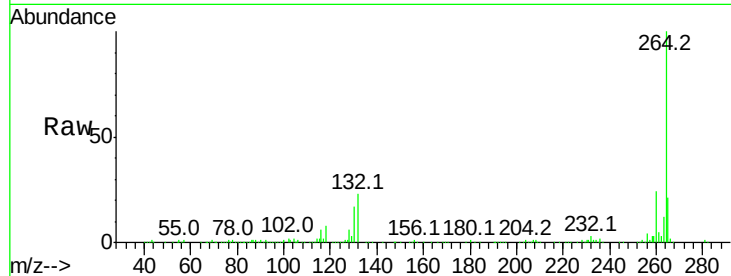
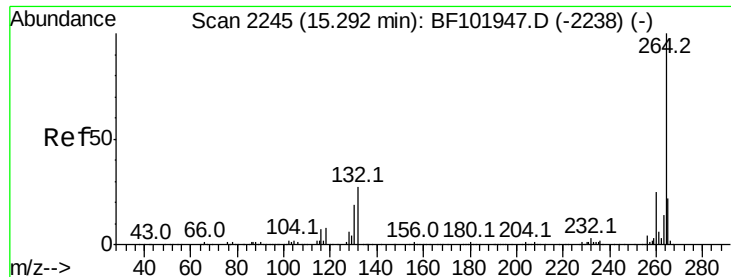
212 6.9 5.4 8.0

122 11.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102173.D

Acq: 18 Jan 2018 2:49

Instrument :

BNA_F

ClientSampleId :

SP-COMP

Tot Ion:264 Resp: 273779

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.1 17.5 26.3

