

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102121.D
 Acq On : 16 Jan 2018 20:36
 Operator : SJ/JU
 Sample : J1115-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-2.0-2.5

Quant Time: Jan 17 03:03:13 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

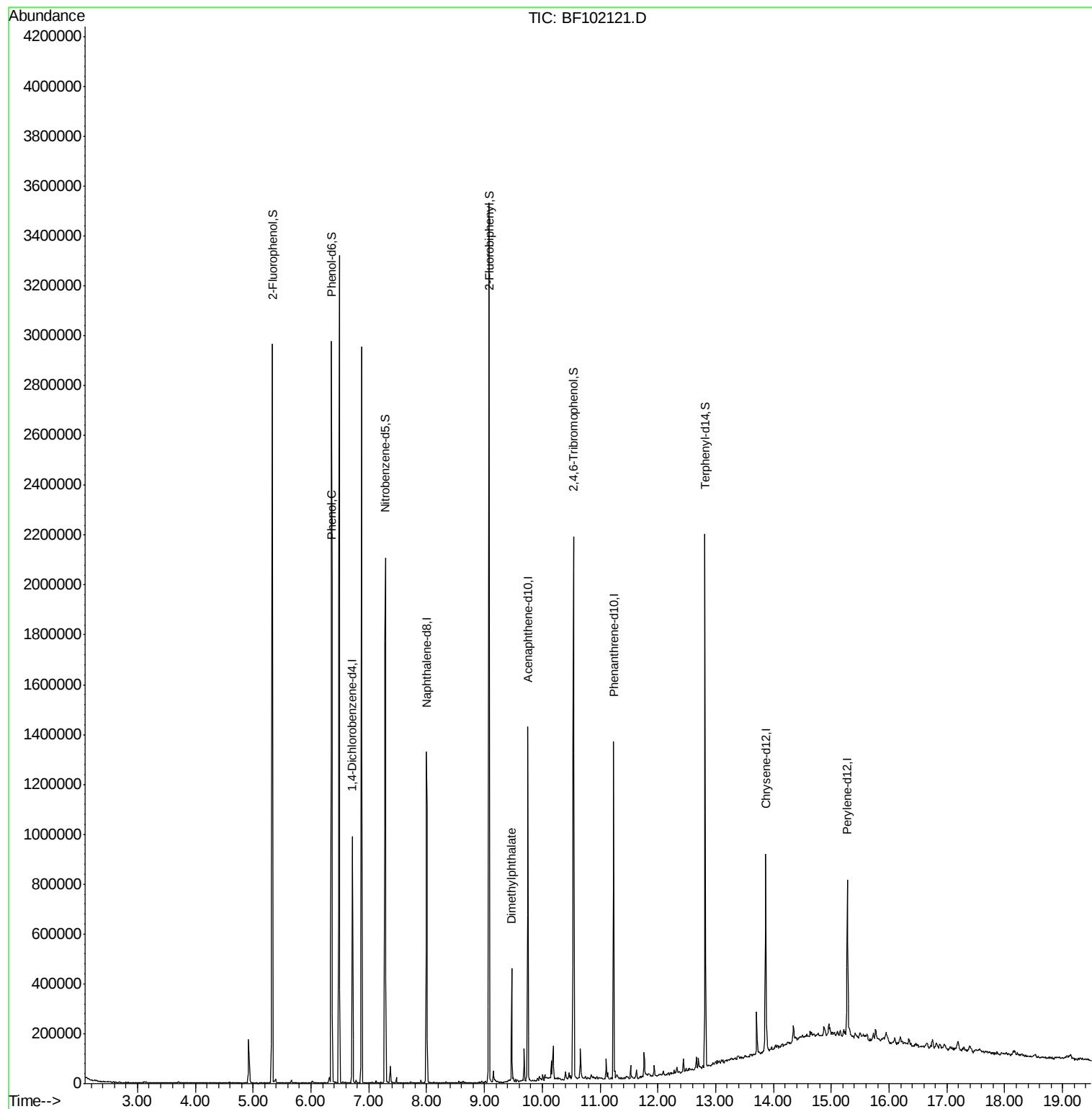
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141637	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	585659	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	256017	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	412583	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	253687	20.00	ng	-0.02
86) Perylene-d12	15.28	264	261893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	938080	93.52	ng	0.00
7) Phenol-d6	6.36	99	1124632	93.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	691983	69.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	235594	105.45	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1090669	66.55	ng	-0.01
78) Terphenyl-d14	12.82	244	735371	60.19	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	44937	3.323	ng	98
49) Dimethylphthalate	9.47	163	170490	8.301	ng	100

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

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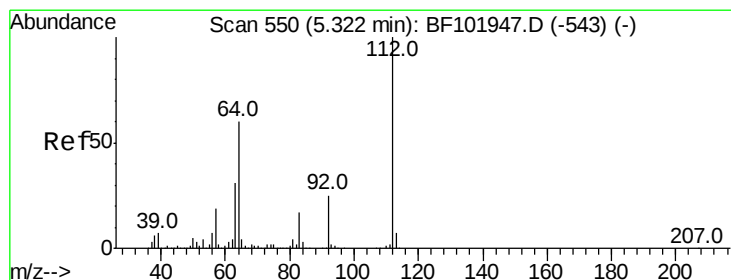
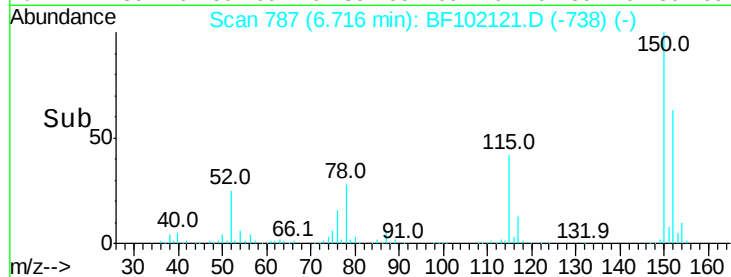
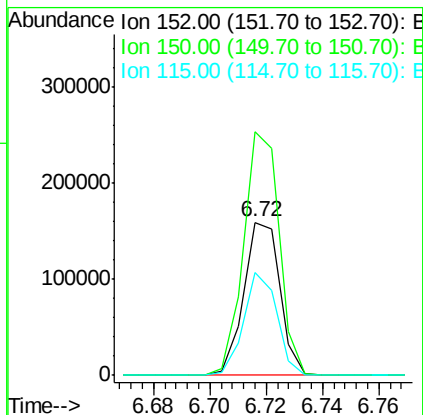
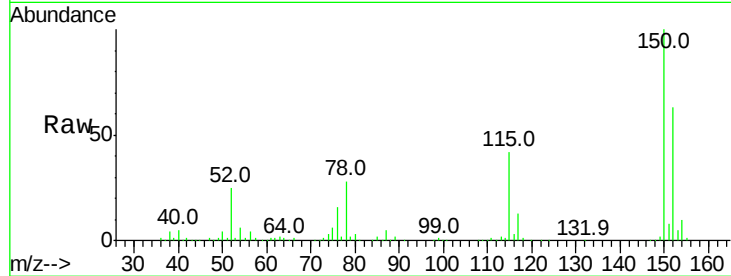


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102121.D
Acq: 16 Jan 2018 20:36

Instrument :
BNA_F
ClientSampleId :
SB-37-2.0-2.5

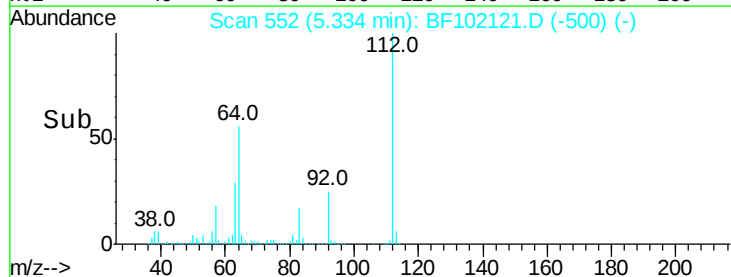
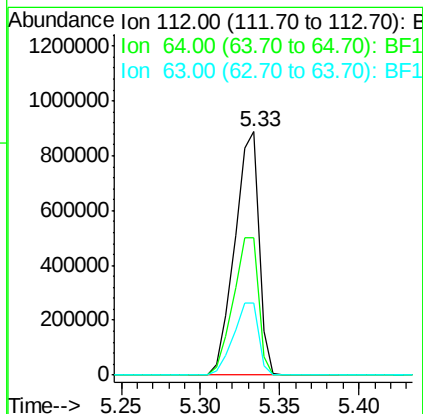
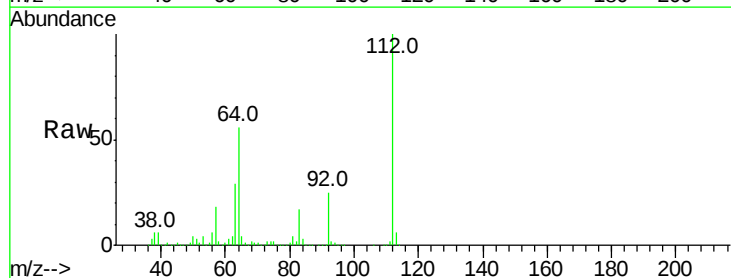
Tot Ion:152 Resp: 141637
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 67.1 50.1 75.1



#5

2-Fluorophenol
Concen: 93.524 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102121.D
Acq: 16 Jan 2018 20:36

Tgt Ion:112 Resp: 938080
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 93.976 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

Instrument :

BNA_F

ClientSampleId :

SB-37-2.0-2.5

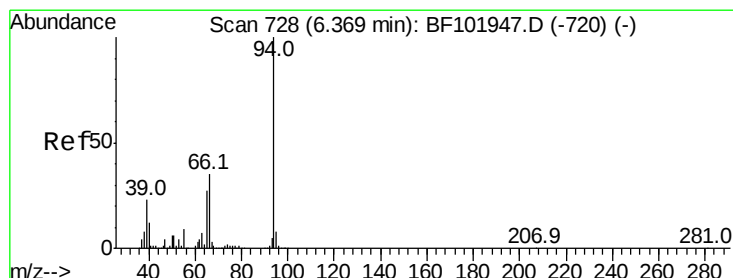
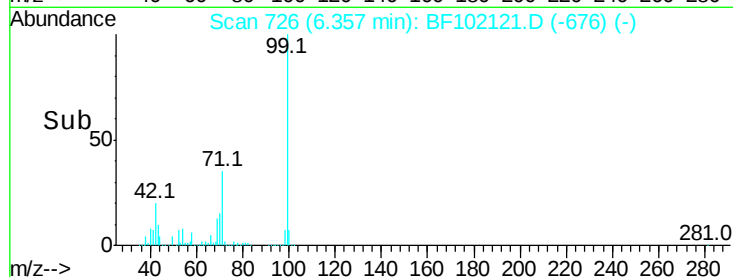
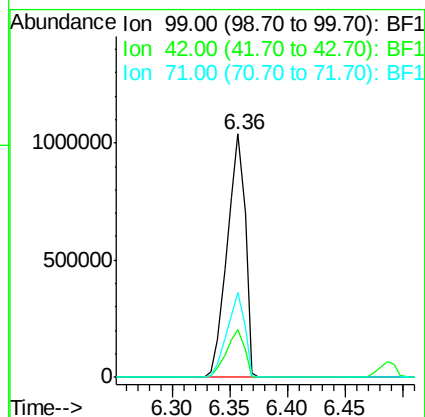
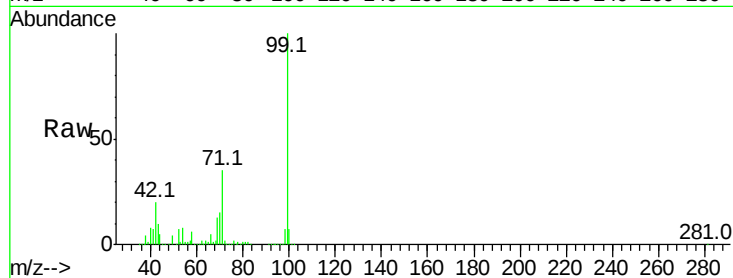
Tot Ion: 99 Resp: 1124632

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.9 25.4 38.0



#10

Phenol

Concen: 3.323 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

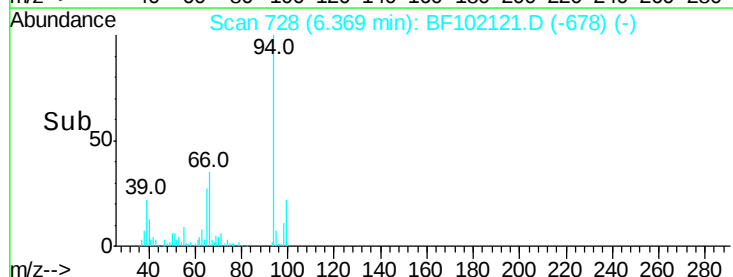
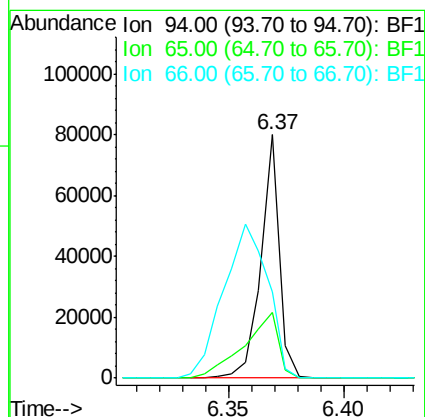
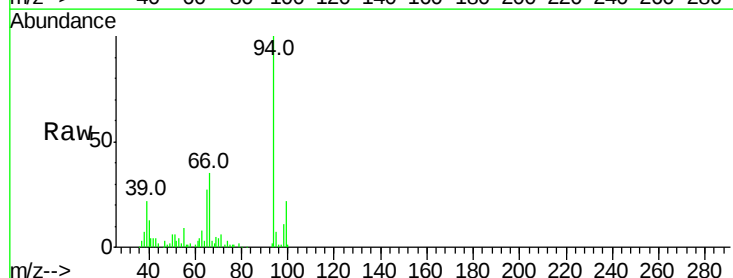
Tgt Ion: 94 Resp: 44937

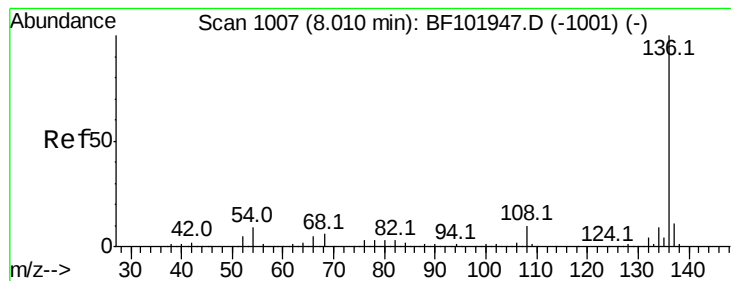
Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

66 35.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

Instrument :

BNA_F

ClientSampleId :

SB-37-2.0-2.5

Tot Ion:136 Resp: 585659

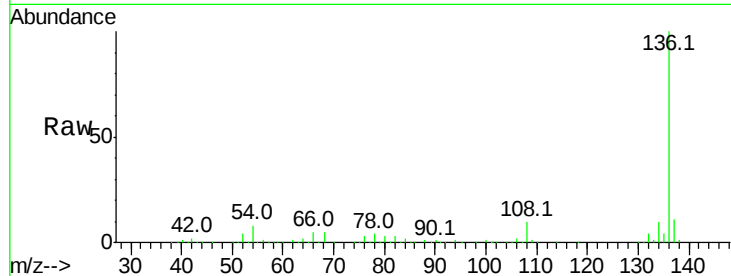
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 5.0 5.0 7.4

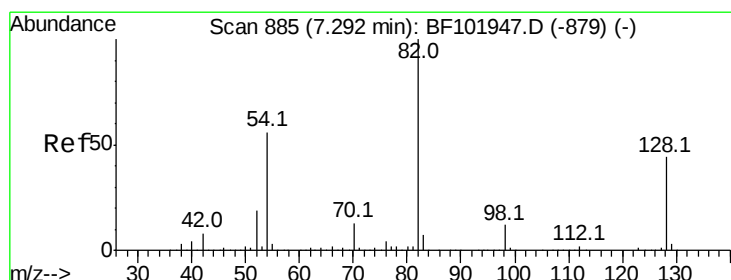
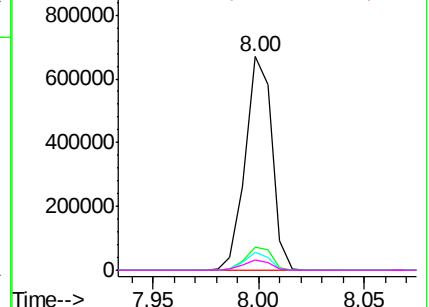
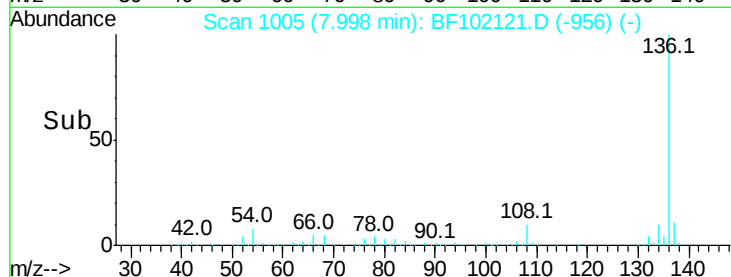


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.432 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

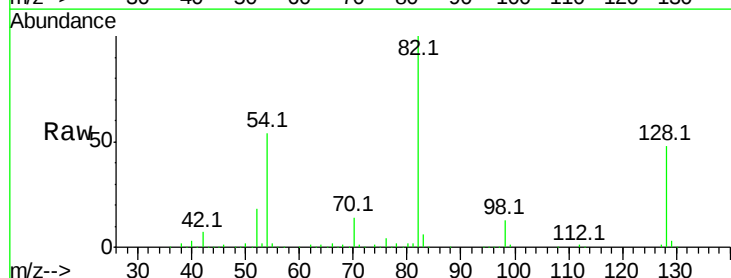
Tgt Ion: 82 Resp: 691983

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

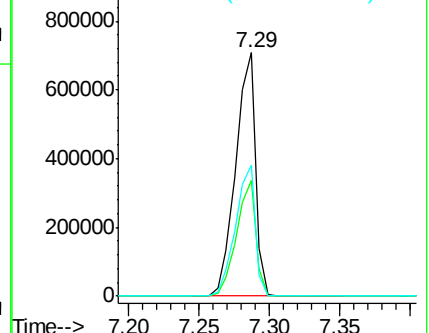
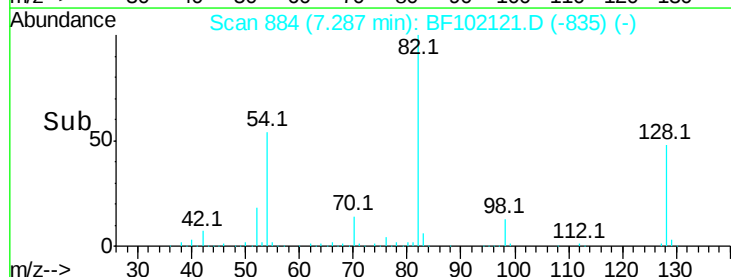
54 53.9 41.4 62.2

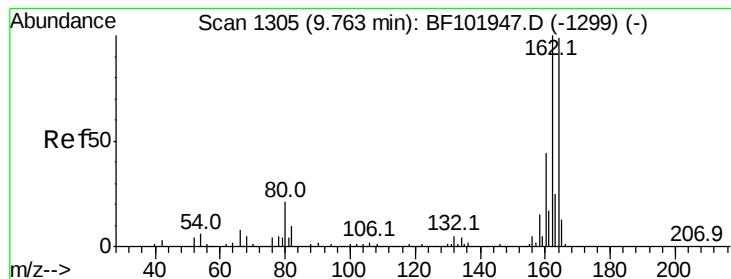


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

Instrument :

BNA_F

ClientSampleId :

SB-37-2.0-2.5

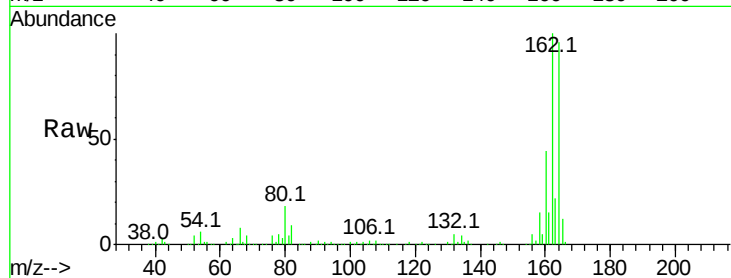
Tot Ion:164 Resp: 256017

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

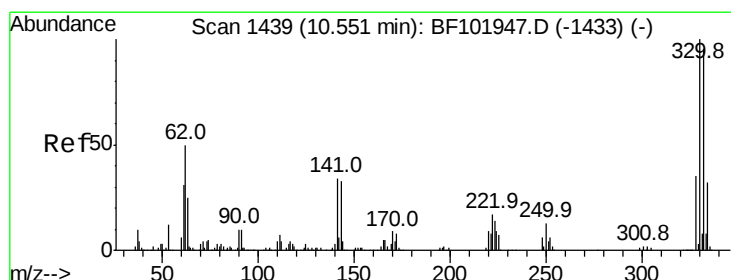
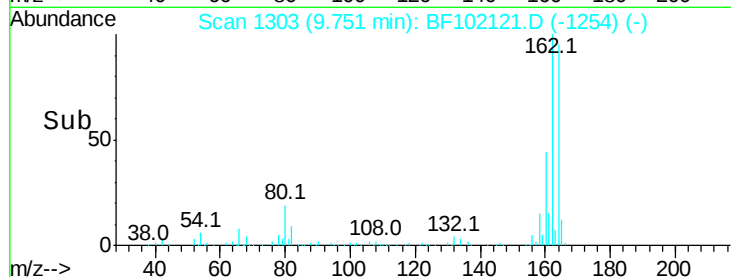
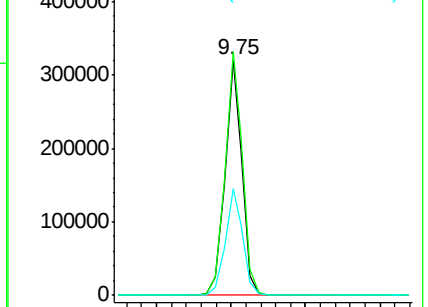
160 45.6 38.3 57.5



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: 105.448 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

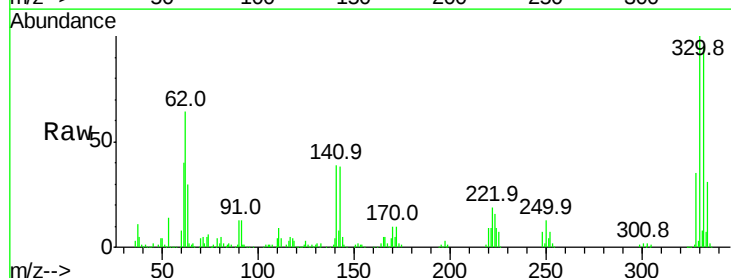
Tgt Ion:330 Resp: 235594

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

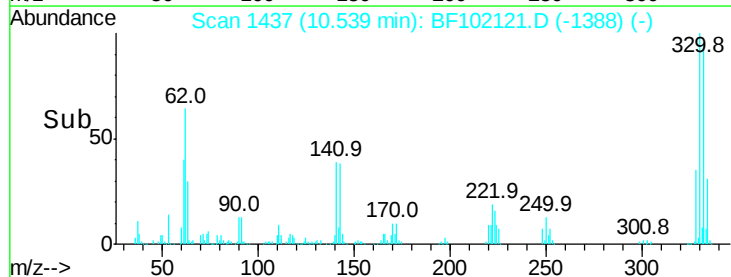
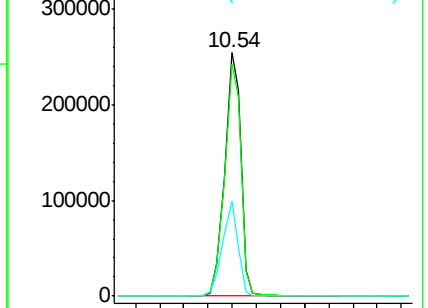
141 37.4 29.9 44.9



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



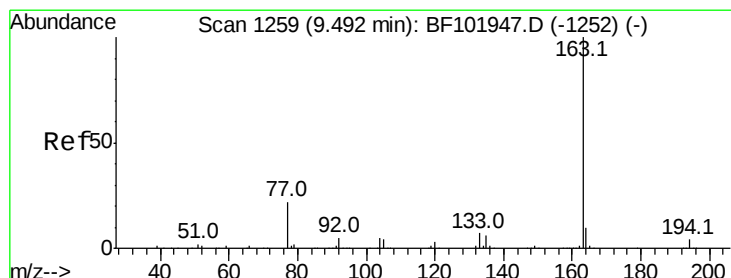
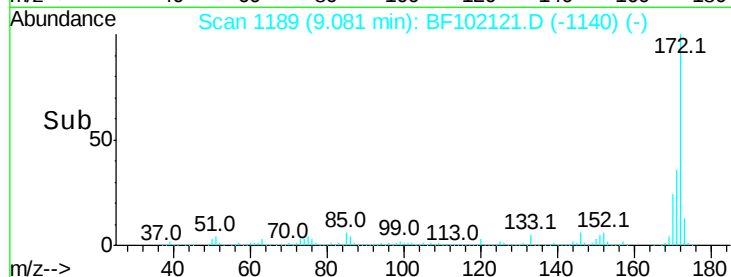
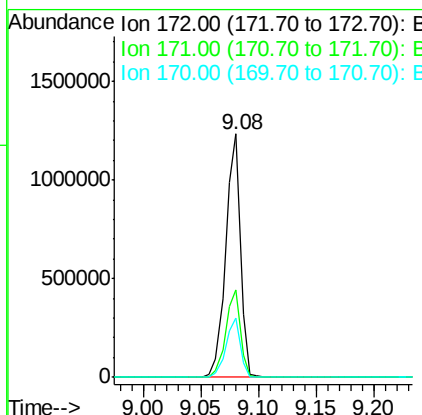
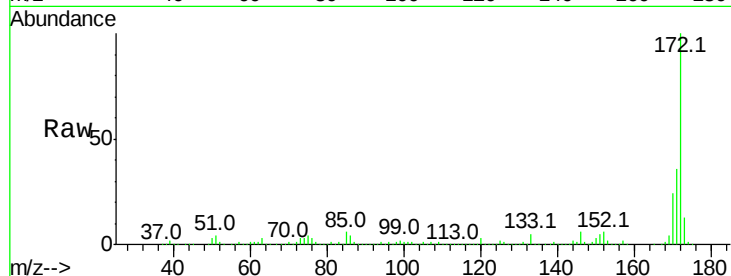


#44
2-Fluorobiphenyl
Concen: 66.555 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102121.D
Acq: 16 Jan 2018 20:36

Instrument :
BNA_F
ClientSampleId :
SB-37-2.0-2.5

Tot Ion:172 Resp: 1090669

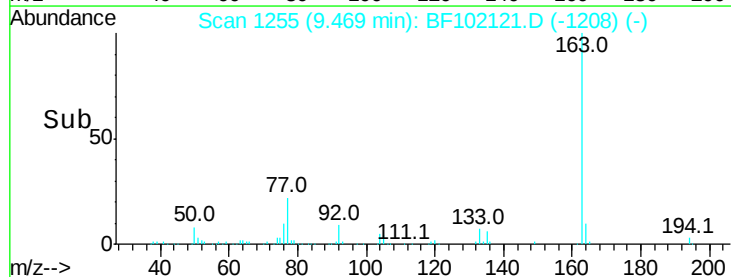
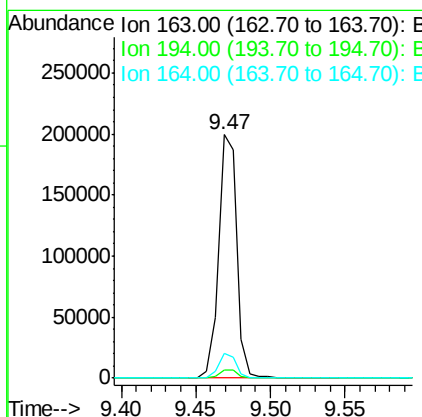
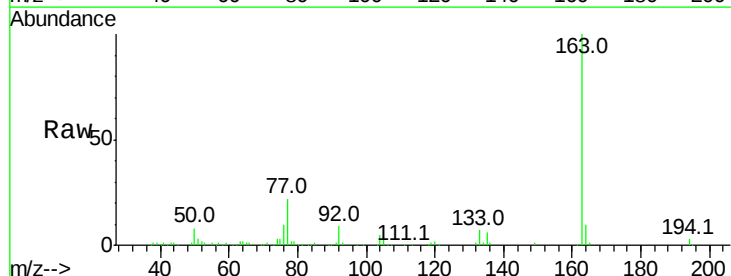
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4



#49
Dimethylphthalate
Concen: 8.301 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102121.D
Acq: 16 Jan 2018 20:36

Tgt Ion:163 Resp: 170490

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	8.2	12.2

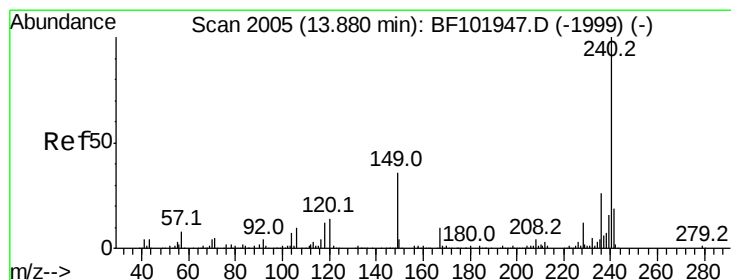
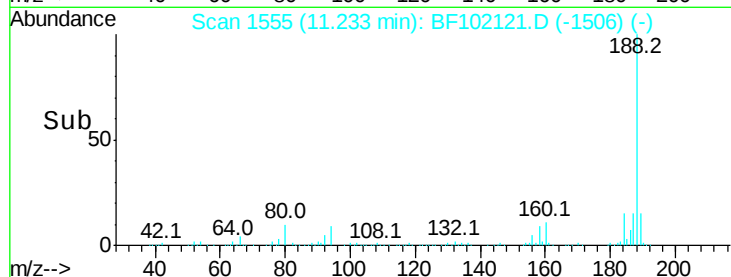
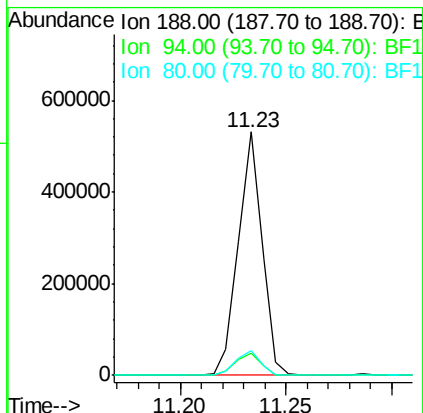
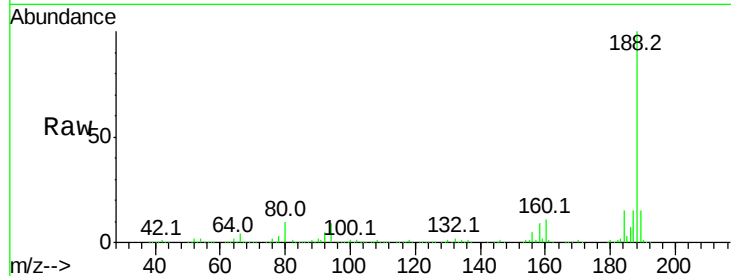




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102121.D
Acq: 16 Jan 2018 20:36

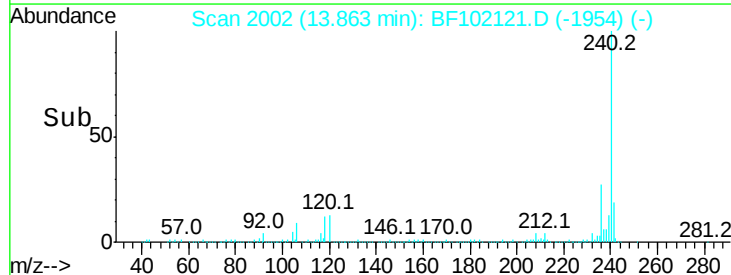
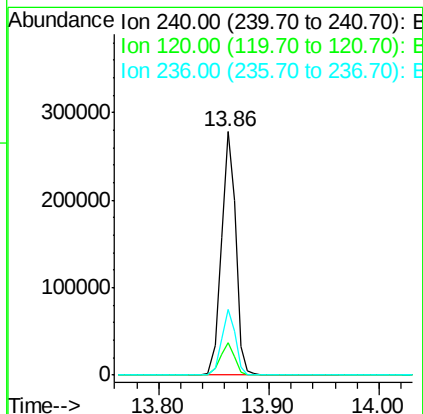
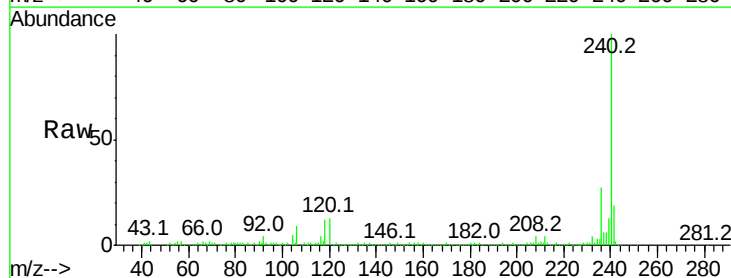
Instrument :
BNA_F
ClientSampleId :
SB-37-2.0-2.5

Tot Ion:188 Resp: 412583
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102121.D
Acq: 16 Jan 2018 20:36

Tgt Ion:240 Resp: 253687
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 60.185 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

Instrument :

BNA_F

ClientSampleId :

SB-37-2.0-2.5

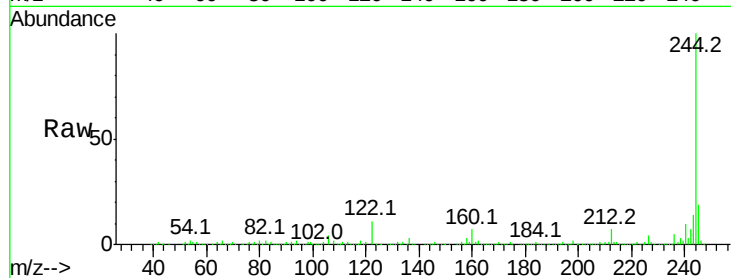
Tot Ion:244 Resp: 735371

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

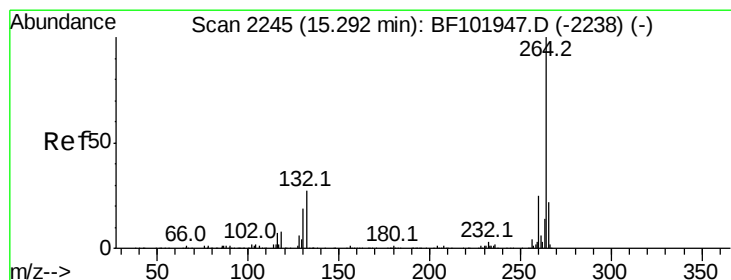
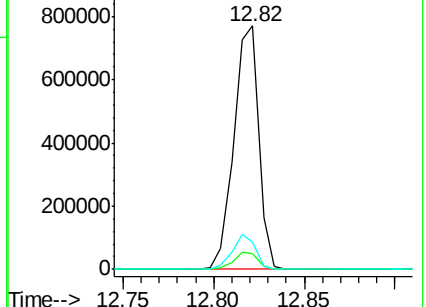
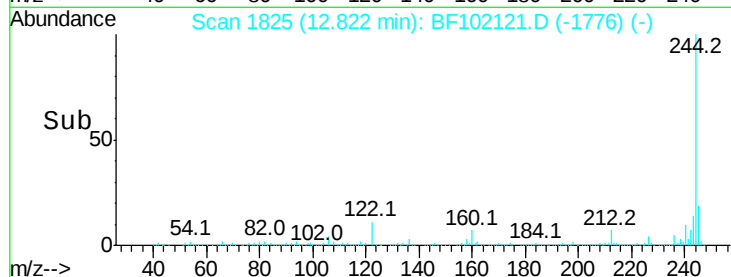
122 11.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102121.D

Acq: 16 Jan 2018 20:36

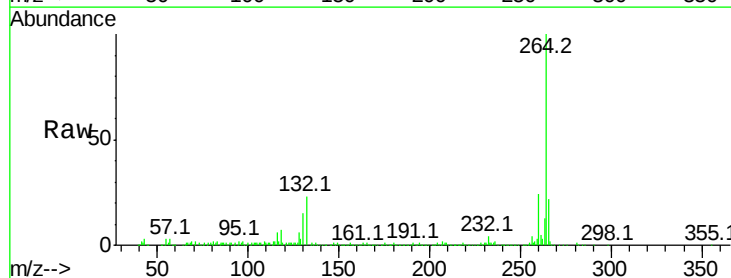
Tgt Ion:264 Resp: 261893

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

