

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102144.D
 Acq On : 17 Jan 2018 7:45
 Operator : SJ/JU
 Sample : J1114-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-2.0-2.5

Quant Time: Jan 17 09:56:17 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

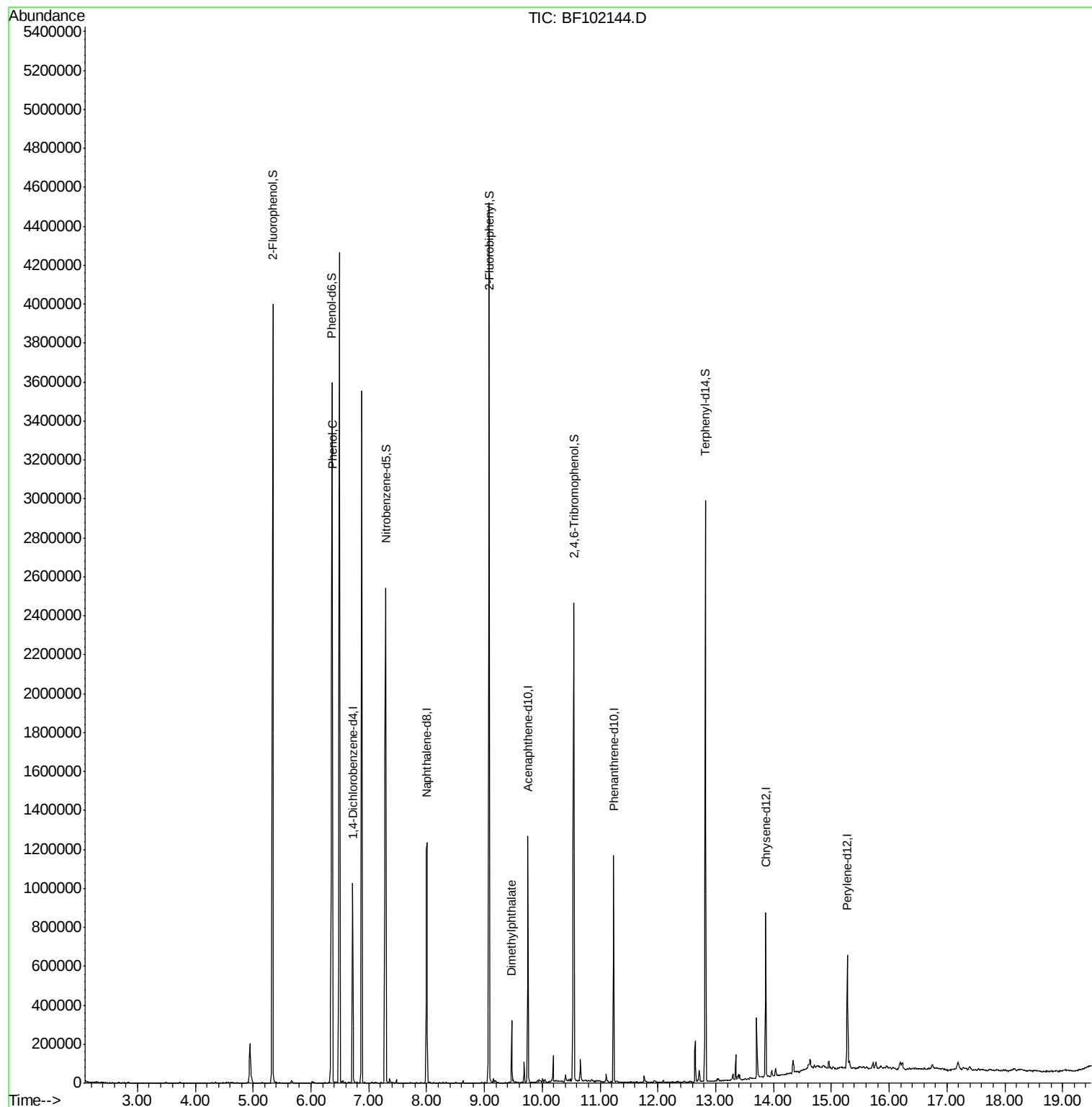
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144238	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	579337	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	245480	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	364920	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	260127	20.00	ng	-0.02
86) Perylene-d12	15.28	264	242803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1319462	129.17	ng	0.01
7) Phenol-d6	6.36	99	1583531	129.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	991197	100.54	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	292920	136.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1488112	94.71	ng	-0.01
78) Terphenyl-d14	12.82	244	972429	77.62	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	40280	2.925	ng	99
49) Dimethylphthalate	9.47	163	127299	6.464	ng	# 97

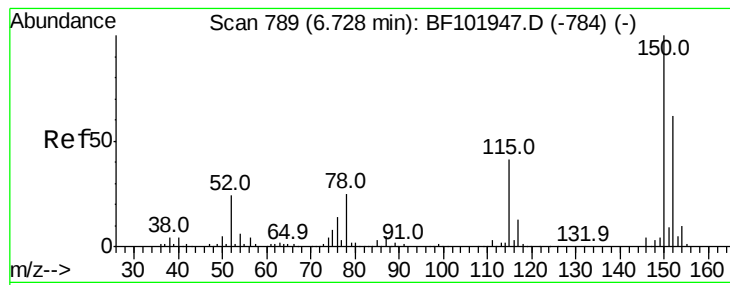
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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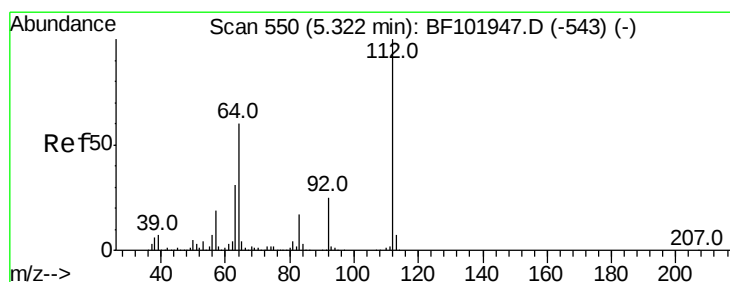
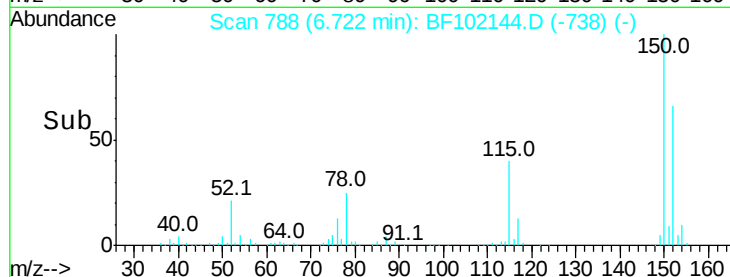
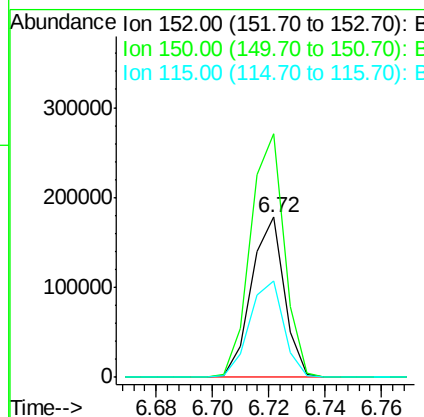
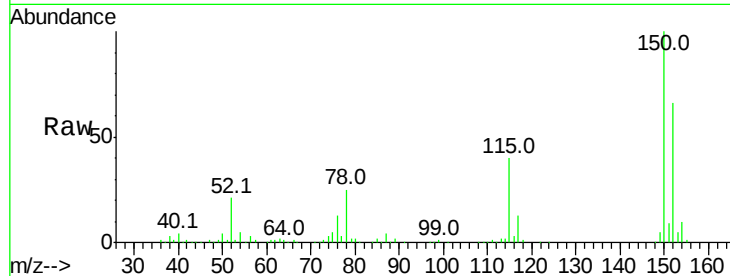


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102144.D
 Acq: 17 Jan 2018 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-2.0-2.5

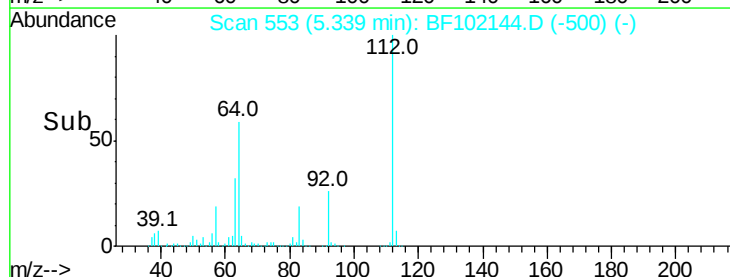
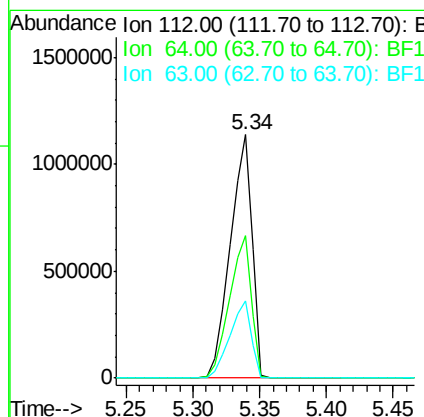
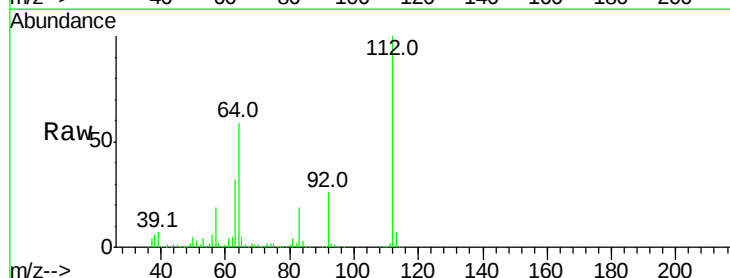
Tot Ion:152 Resp: 144238
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.6 186.8
 115 60.4 50.1 75.1



#5

2-Fluorophenol
 Concen: 129.175 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102144.D
 Acq: 17 Jan 2018 7:45

Tgt Ion:112 Resp: 1319462
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 129.936 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

Instrument :

BNA_F

ClientSampleId :

SB-27-2.0-2.5

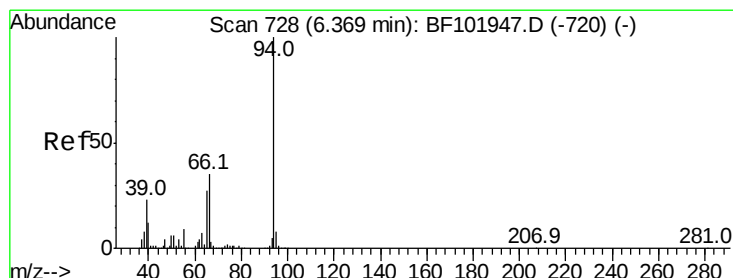
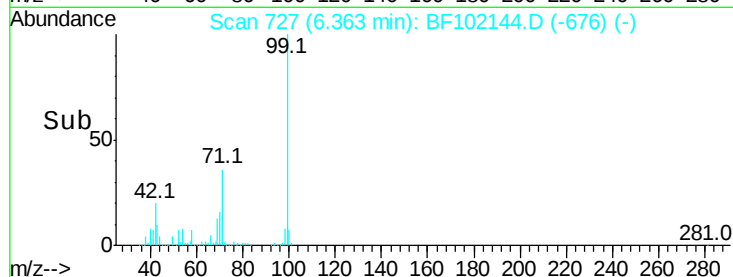
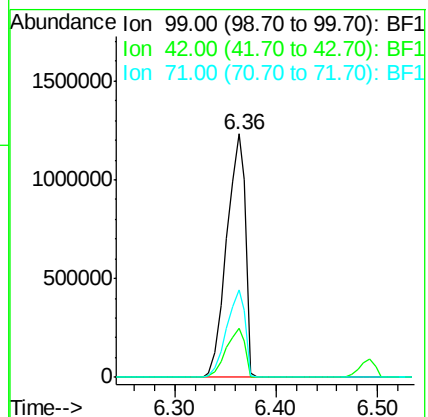
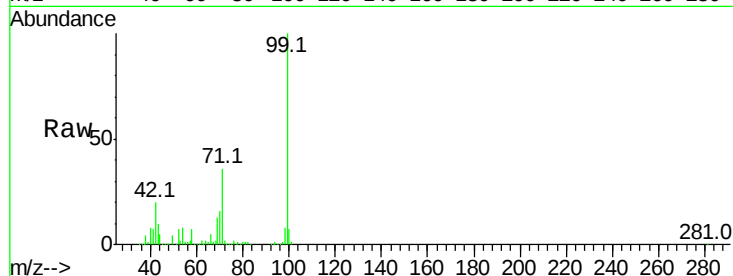
Tot Ion: 99 Resp: 1583531

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 36.2 25.4 38.0



#10

Phenol

Concen: 2.925 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

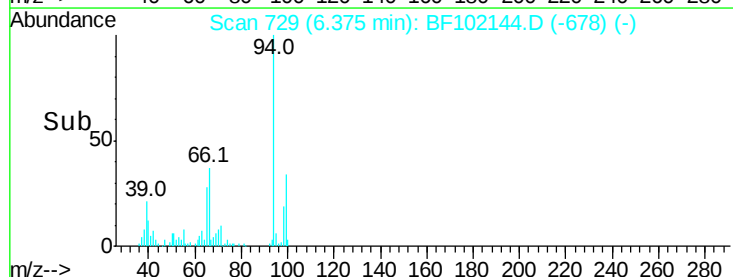
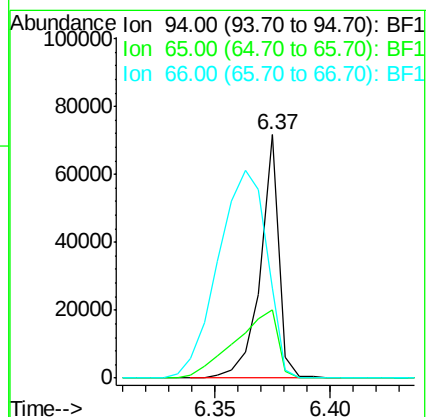
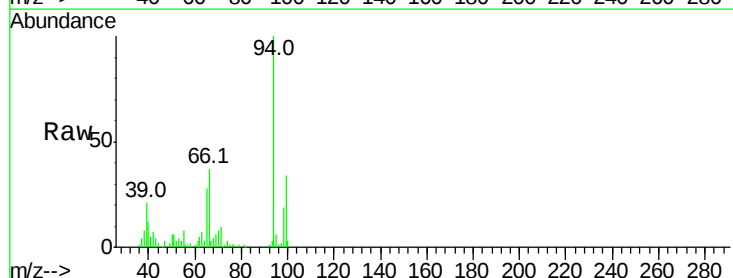
Tgt Ion: 94 Resp: 40280

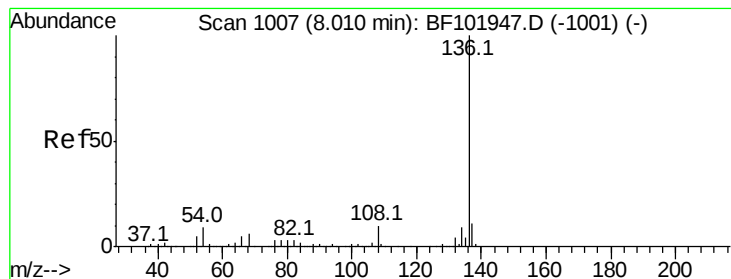
Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 36.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

Instrument :

BNA_F

ClientSampled :

SB-27-2.0-2.5

Tot Ion:136 Resp: 579337

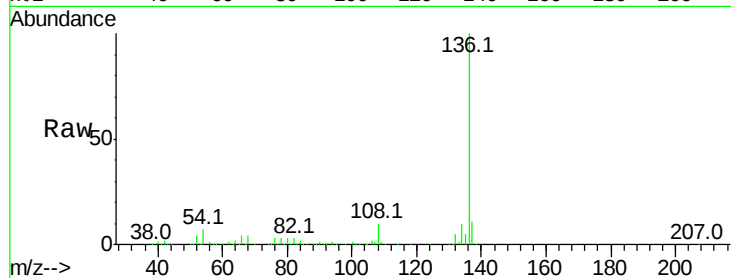
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 6.6 9.8

68 4.2 5.0 7.4#

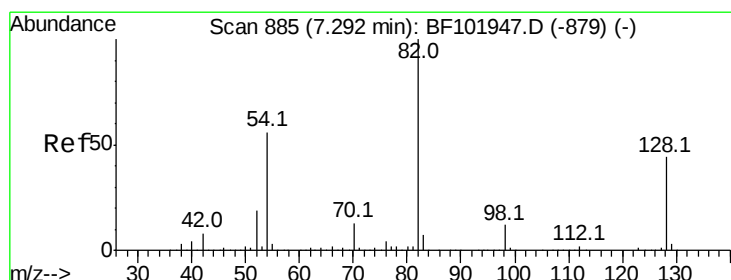
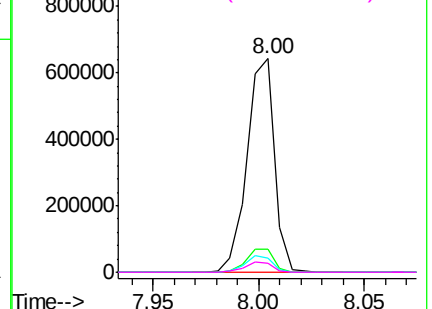
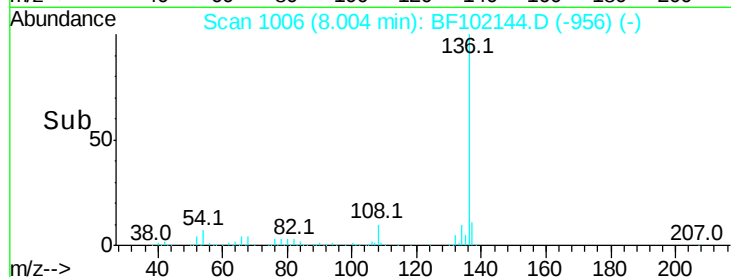


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.540 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

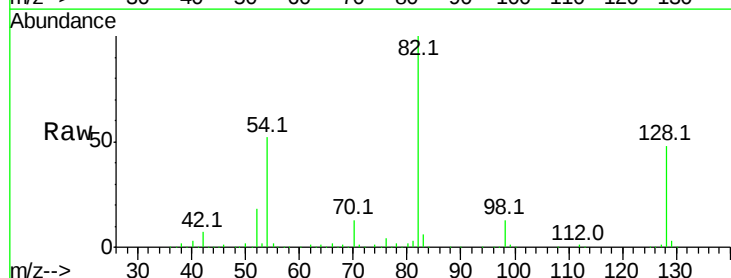
Tgt Ion: 82 Resp: 991197

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

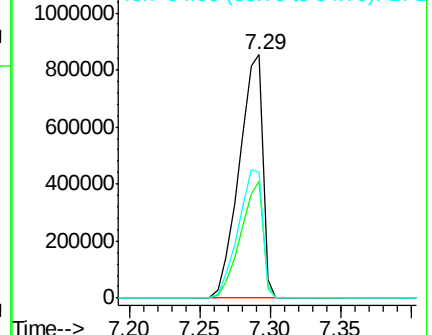
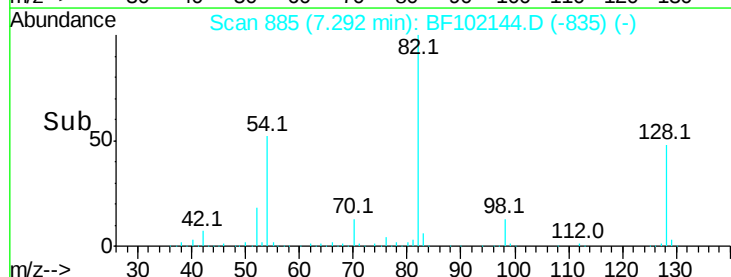
54 51.9 41.4 62.2

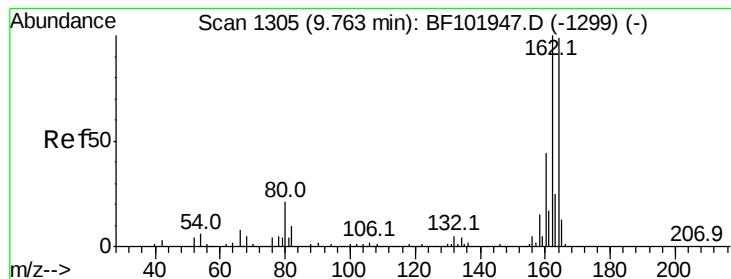


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF102144.D

Acq: 17 Jan 2018 7:45

Instrument :

BNA_F

ClientSampleId :

SB-27-2.0-2.5

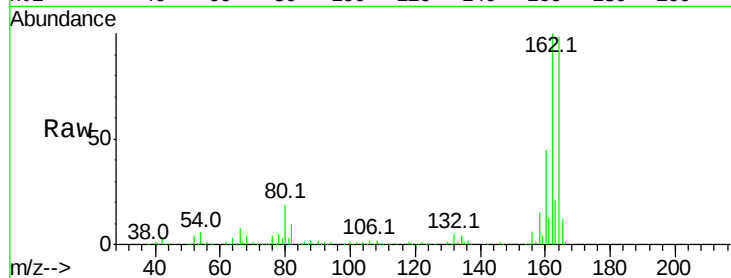
Tot Ion:164 Resp: 245480

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

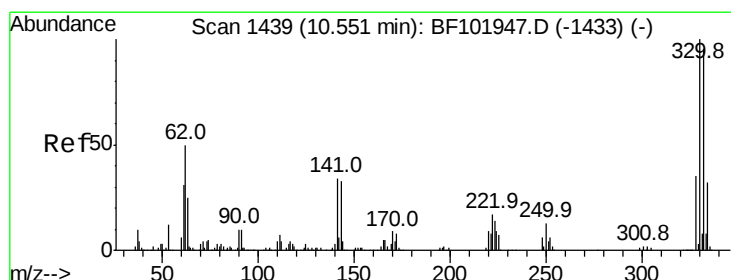
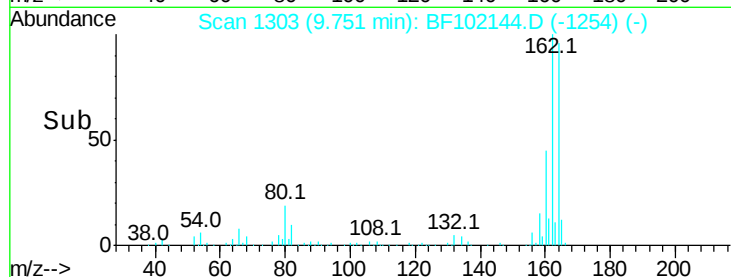
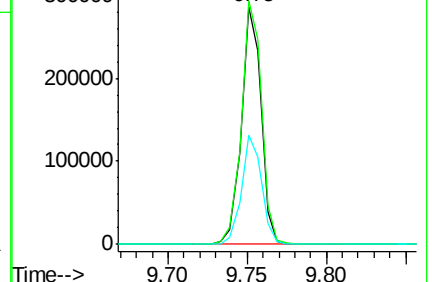
160 45.8 38.3 57.5



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: 136.733 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

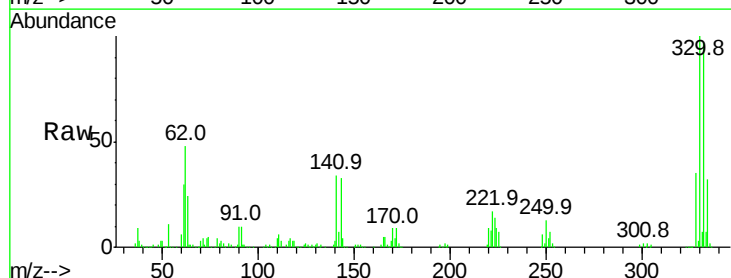
Tgt Ion:330 Resp: 292920

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

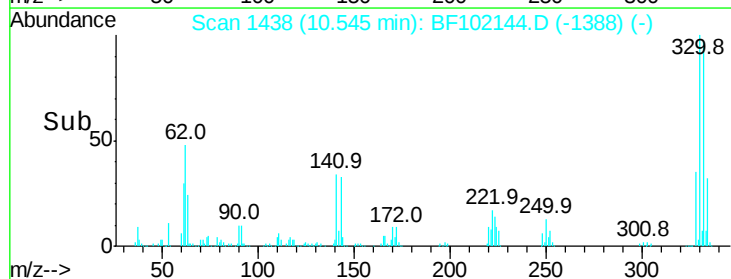
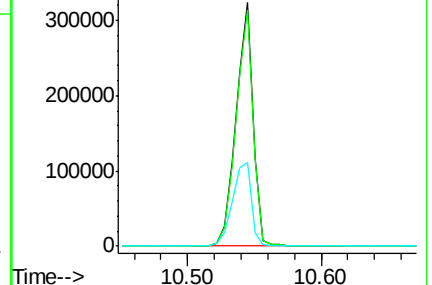
141 38.5 29.9 44.9

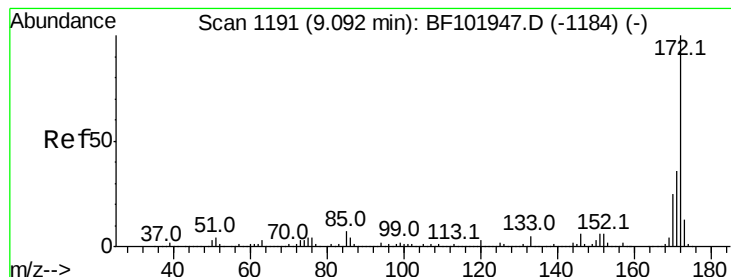


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.706 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

Instrument :

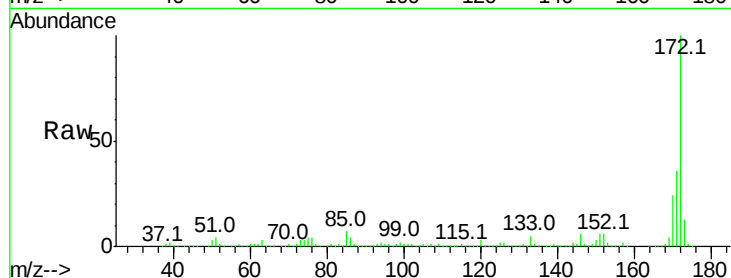
BNA_F

ClientSampleId :

SB-27-2.0-2.5

Tot Ion:172 Resp: 1488112

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4

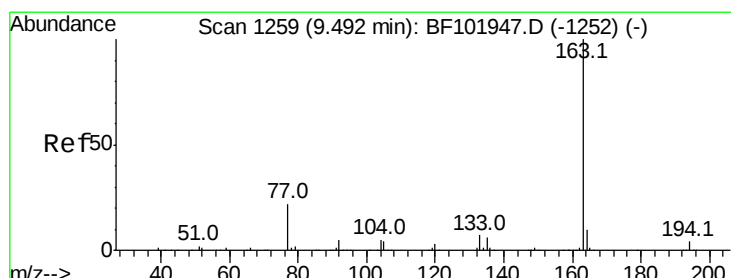
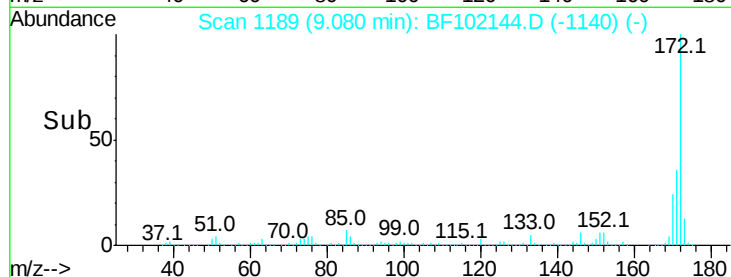
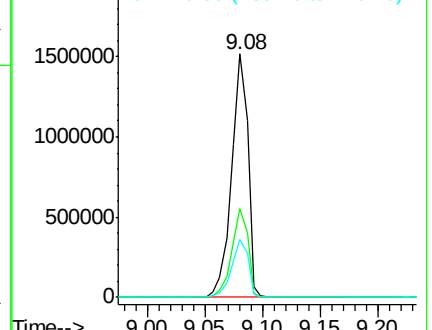


Abundance

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



#49

Dimethylphthalate

Concen: 6.464 ng

RT: 9.47 min Scan# 1256

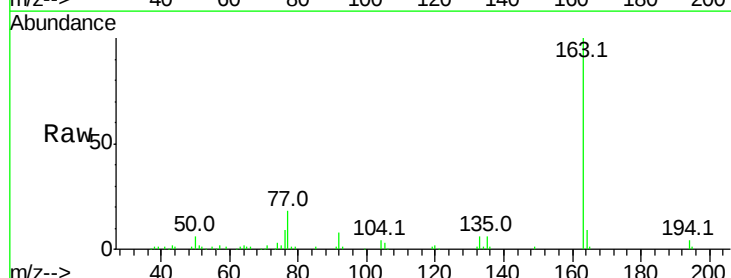
Delta R.T. -0.02 min

Lab File: BF102144.D

Acq: 17 Jan 2018 7:45

Tgt Ion:163 Resp: 127299

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	8.9	8.2	12.2

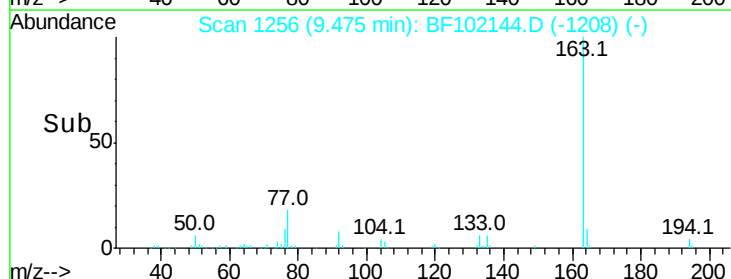
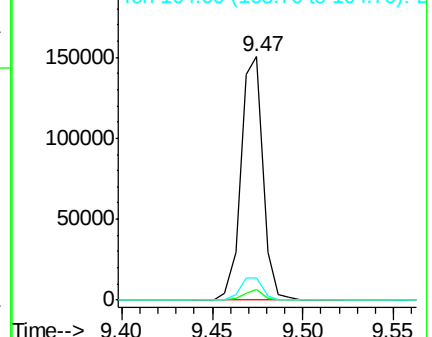


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

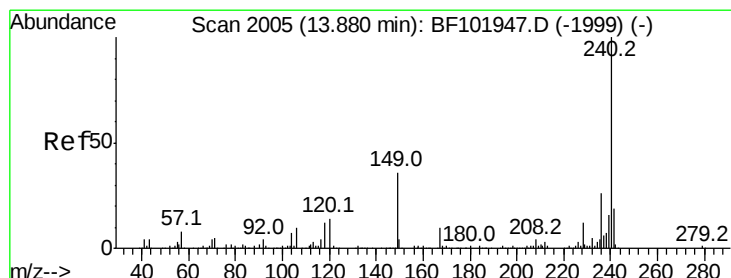
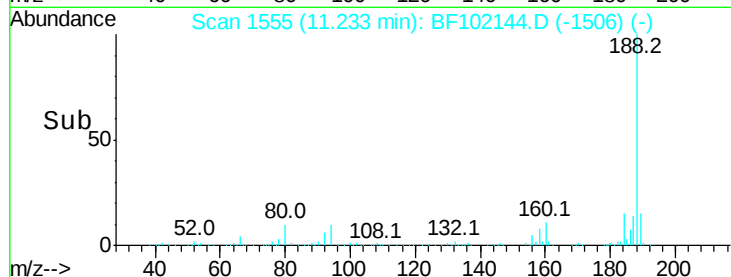
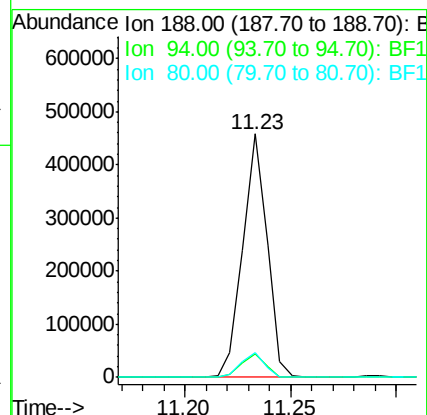
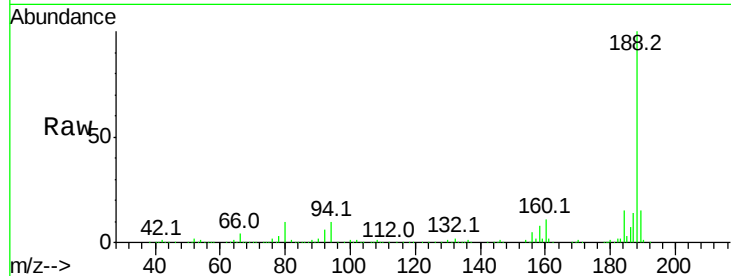




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

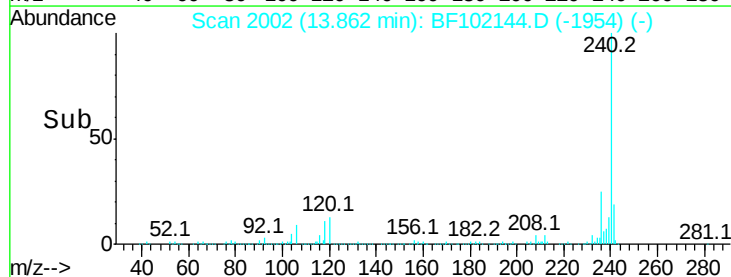
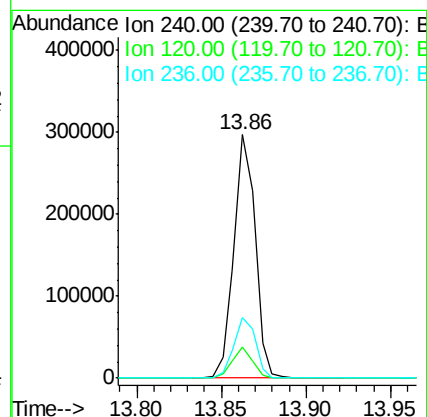
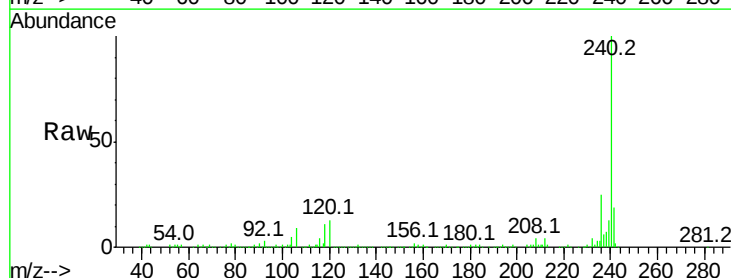
Instrument :
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Tot Ion:188 Resp: 364920
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102144.D
Acq: 17 Jan 2018 7:45

Tgt Ion:240 Resp: 260127
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.0 20.7 31.1

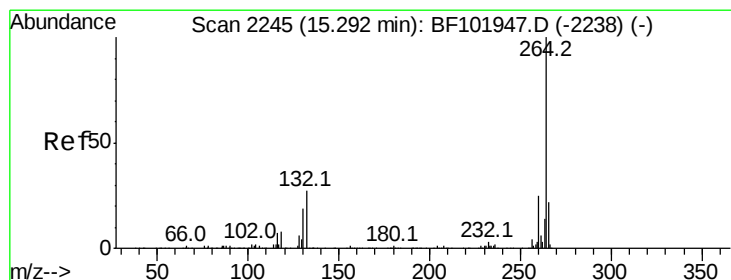
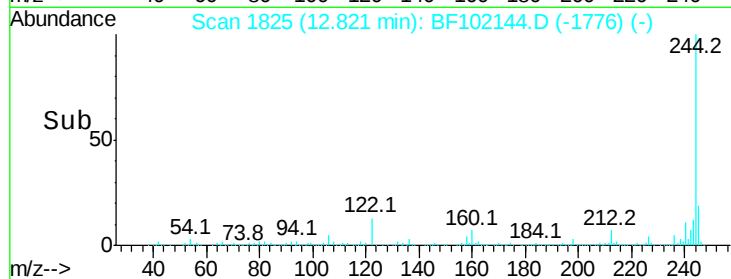
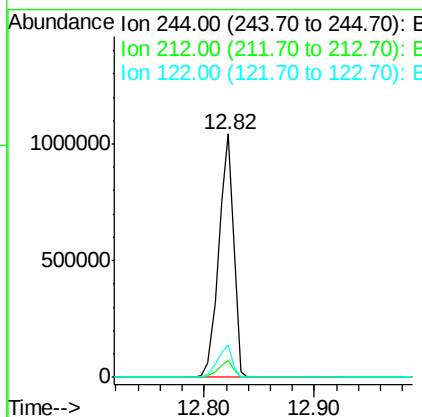
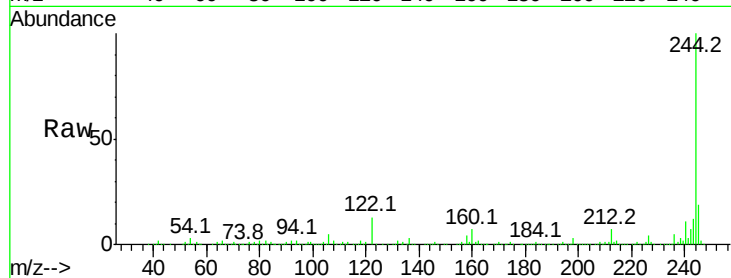




#78
 Terphenyl-d14
 Concen: 77.617 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102144.D
 Acq: 17 Jan 2018 7:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-2.0-2.5

Tot Ion:244 Resp: 972429
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102144.D
 Acq: 17 Jan 2018 7:45

Tgt Ion:264 Resp: 242803
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.0 17.5 26.3

