

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100128.D
 Acq On : 3 Nov 2017 11:45
 Operator : SJ/JU
 Sample : I6143-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-7S

Quant Time: Nov 03 12:11:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80688	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	329092	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	148964	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	261009	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	169237	20.00	ng	-0.02
86) Perylene-d12	15.41	264	133442	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	389231	75.73	ng	0.00
7) Phenol-d6	6.41	99	459207	75.35	ng	-0.02
23) Nitrobenzene-d5	7.34	82	271688	53.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	97529	71.84	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	589589	61.06	ng	-0.01
78) Terphenyl-d14	12.87	244	472171	60.97	ng	-0.02

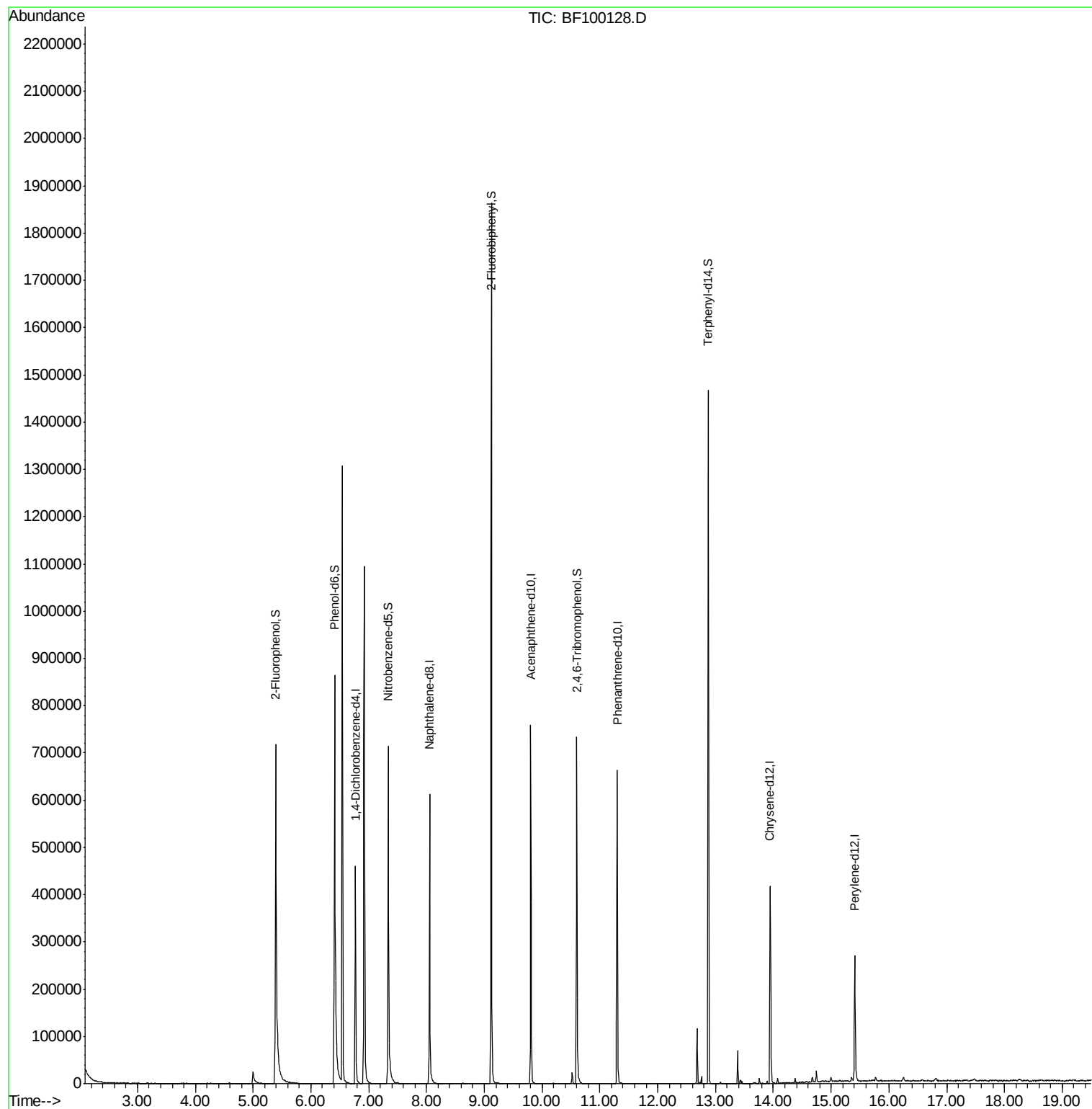
Target Compounds Qvalue

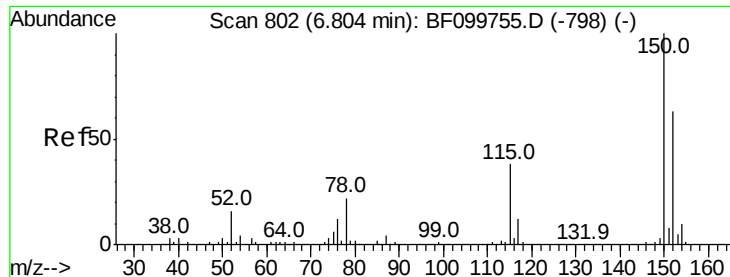
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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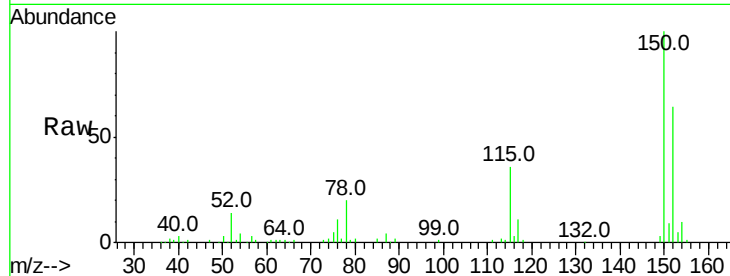


#1

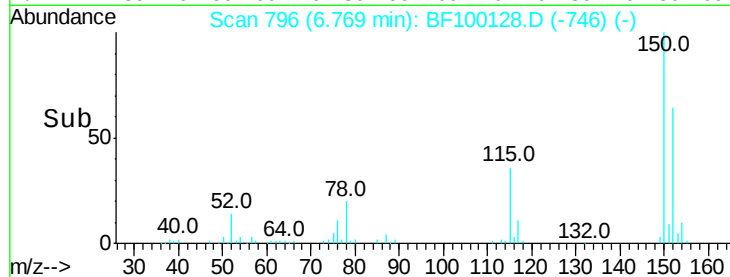
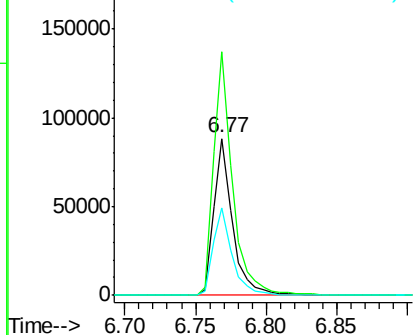
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
RLF-GW-7S

Tot Ion:152 Resp: 80688
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 55.9 50.1 75.1



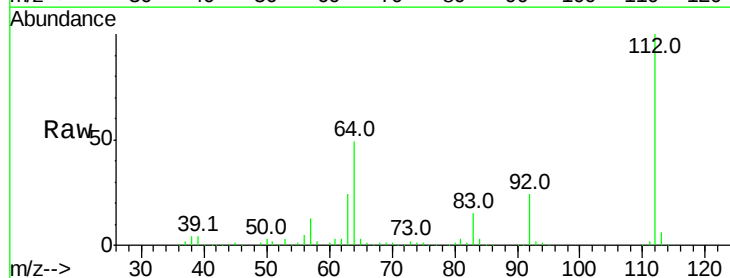
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



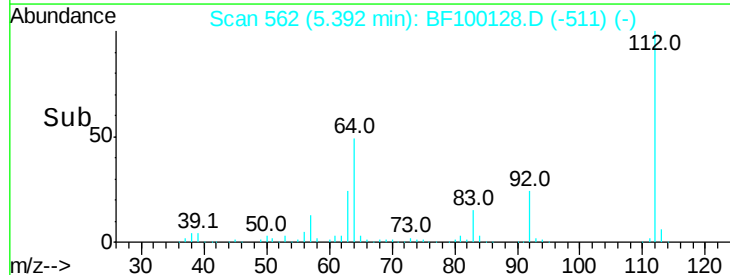
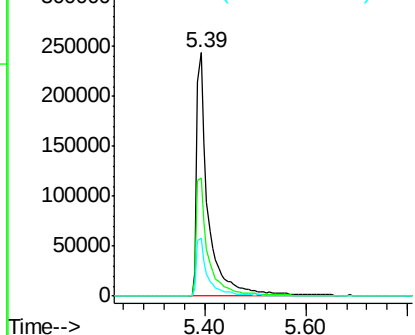
#5

2-Fluorophenol
Concen: 75.734 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Tgt Ion:112 Resp: 389231
Ion Ratio Lower Upper
112 100
64 48.7 47.9 71.9
63 23.6 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: 75.354 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF100128.D

Acq: 3 Nov 2017 11:45

Instrument :

BNA_F

ClientSampleId :

RLF-GW-7S

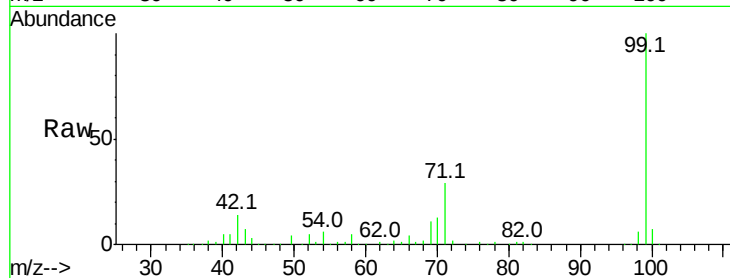
Tot Ion: 99 Resp: 459207

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

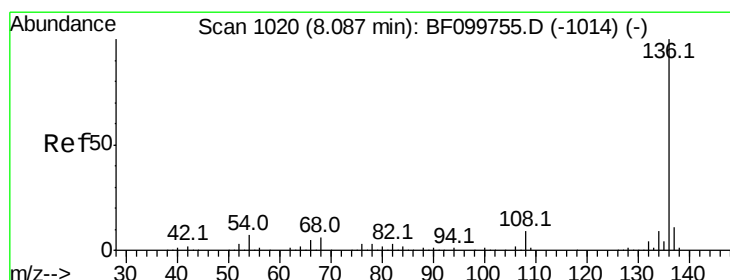
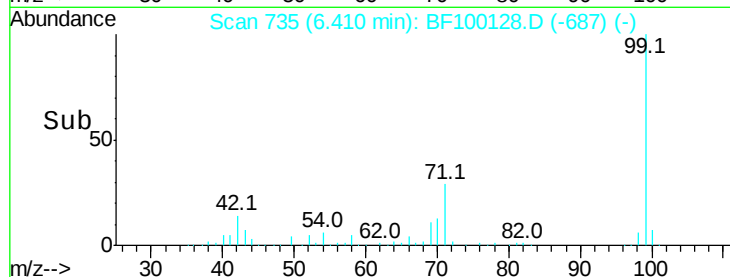
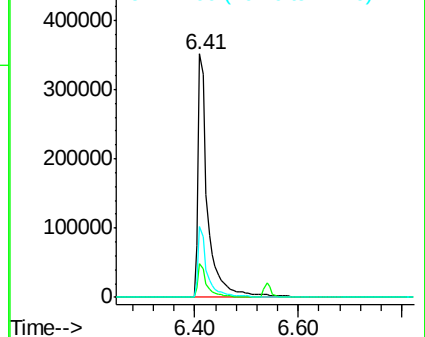
71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100128.D

Acq: 3 Nov 2017 11:45

Tgt Ion: 136 Resp: 329092

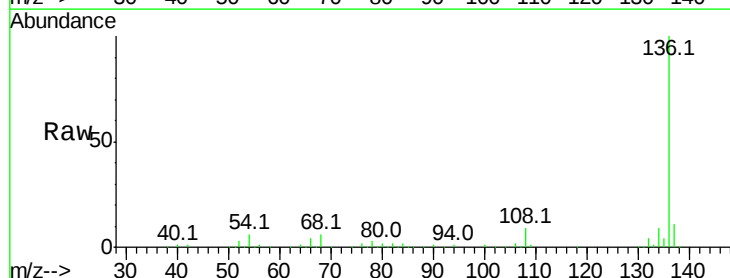
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 6.6 9.8#

68 5.6 5.0 7.4

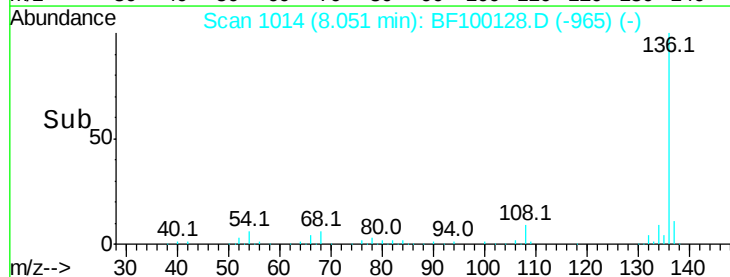
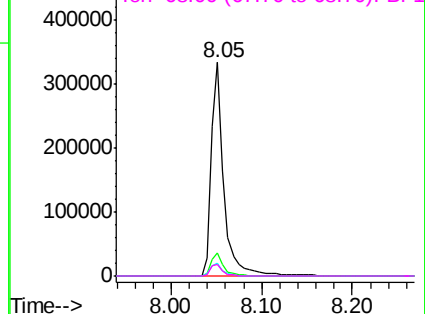


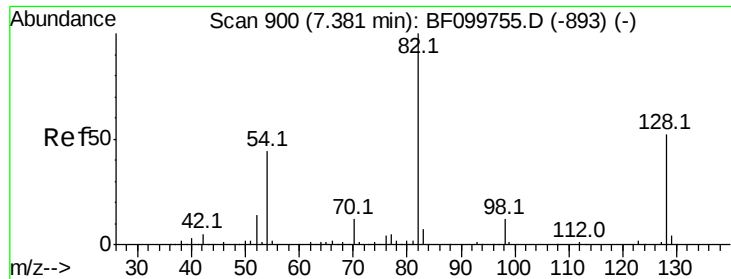
Abundance Ion 136.00 (135.70 to 136.70): E

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

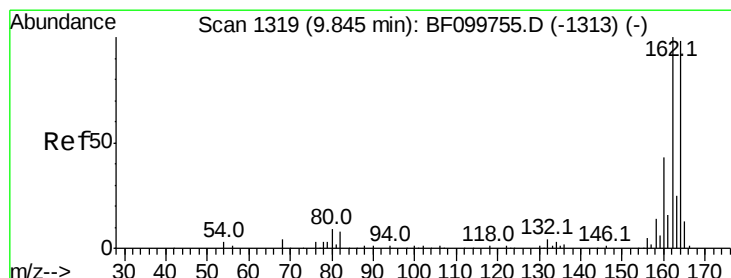
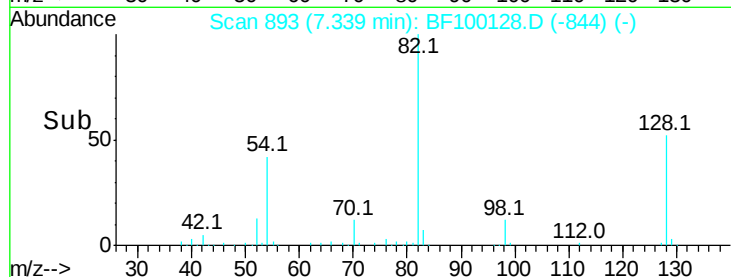
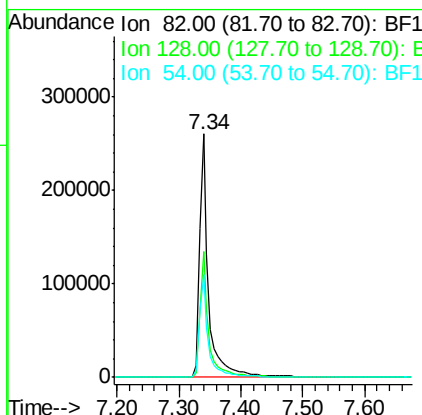
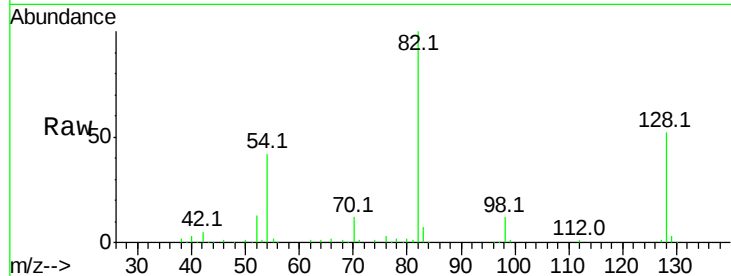




#23
 Nitrobenzene-d5
 Concen: 53.151 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

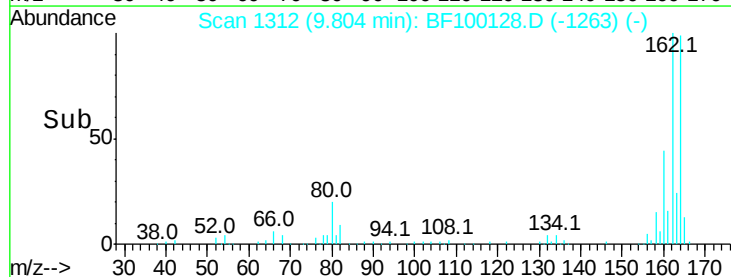
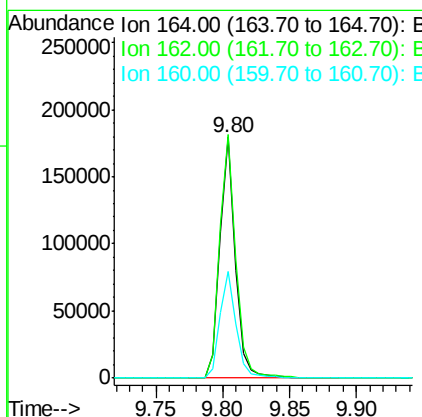
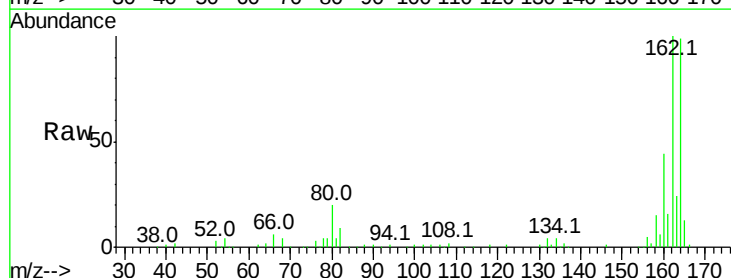
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-7S

Tot Ion: 82 Resp: 271688
 Ion Ratio Lower Upper
 82 100
 128 51.7 36.1 54.1
 54 42.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Tgt Ion: 164 Resp: 148964
 Ion Ratio Lower Upper
 164 100
 162 101.2 86.1 129.1
 160 44.2 38.3 57.5

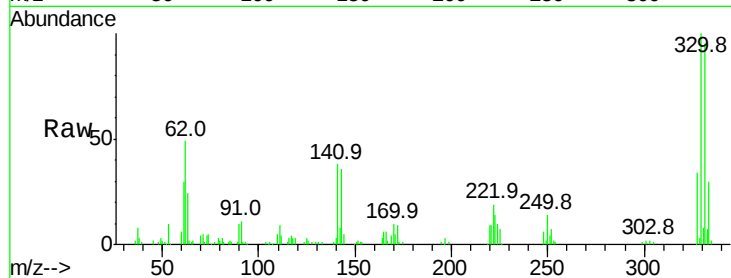




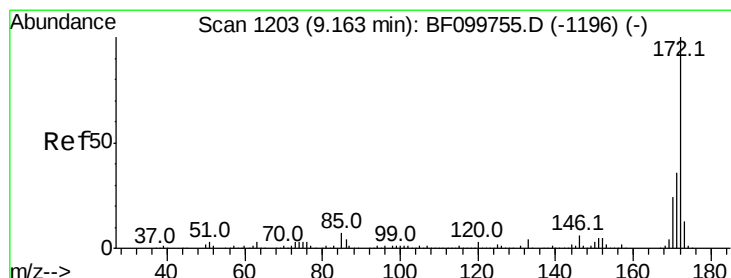
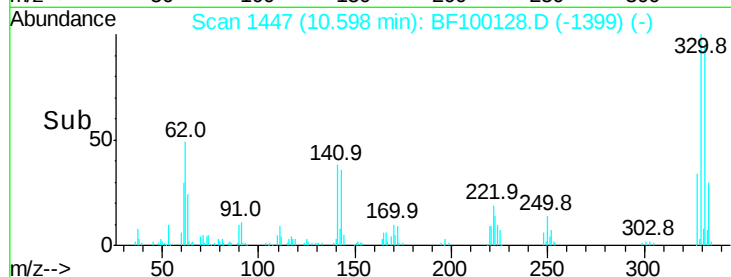
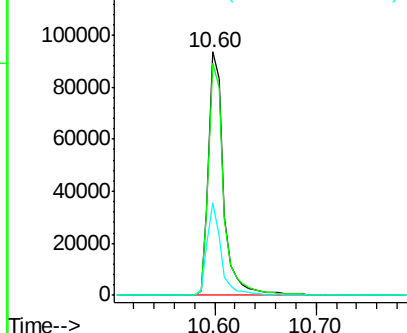
#41
 2,4,6-Tribromophenol
 Concen: 71.843 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-7S

Tot Ion:330 Resp: 97529
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 35.1 29.9 44.9

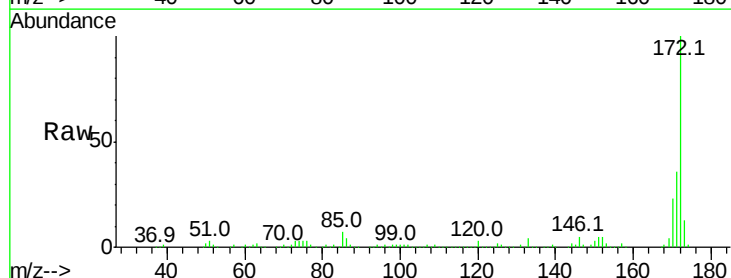


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

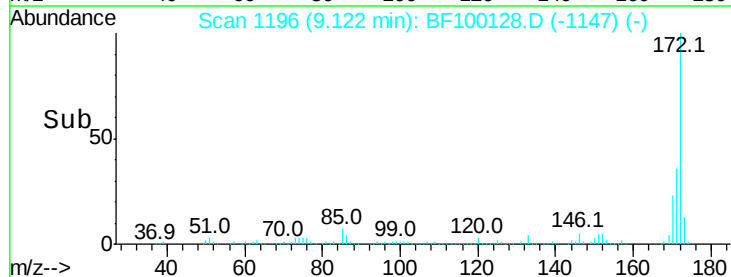
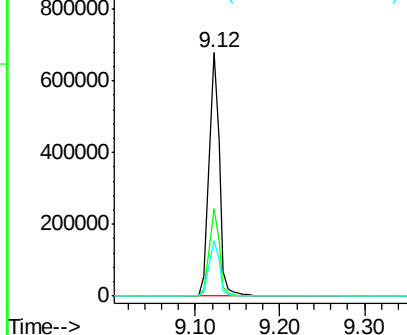


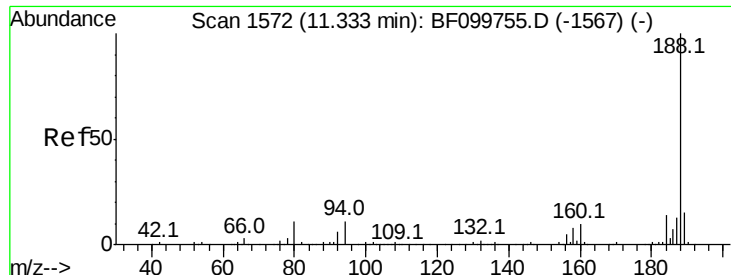
#44
 2-Fluorobiphenyl
 Concen: 61.064 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Tgt Ion:172 Resp: 589589
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.0 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

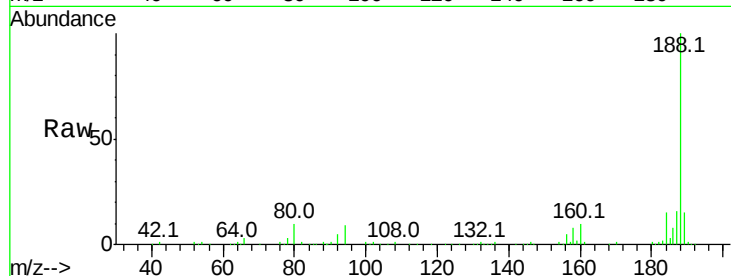




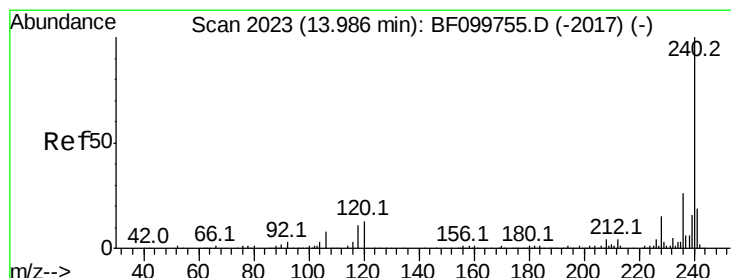
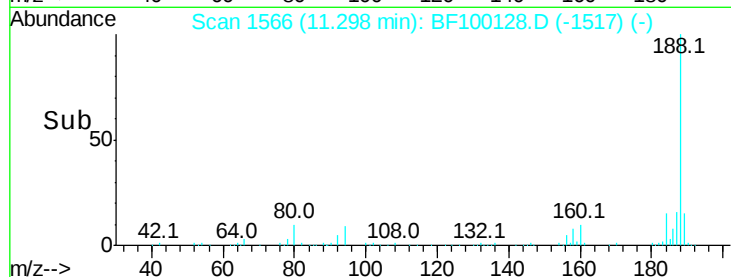
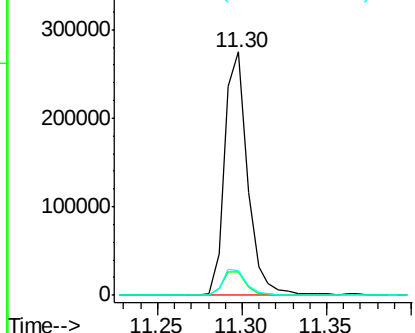
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :
RLF-GW-7S

Tot Ion:188 Resp: 261009
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8

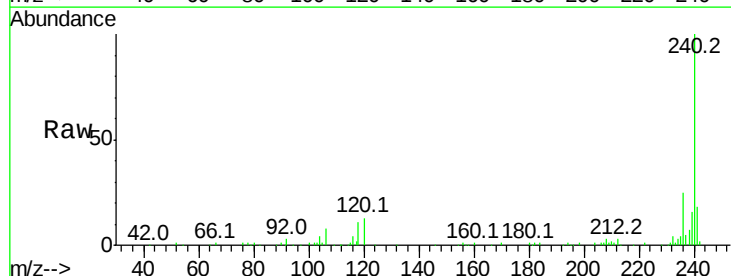


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

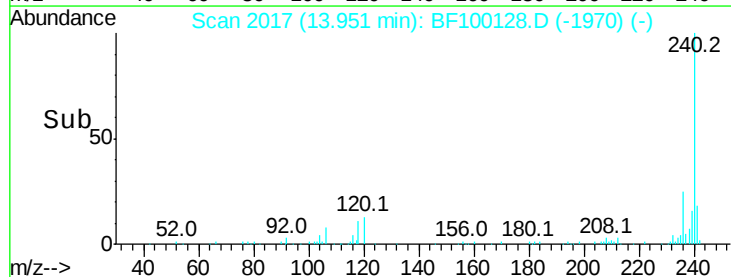
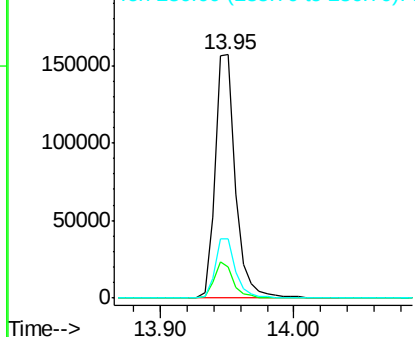


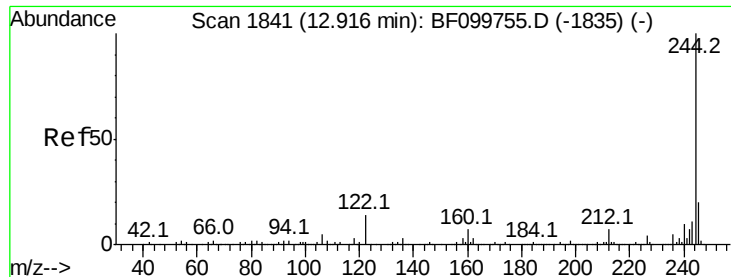
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Tgt Ion:240 Resp: 169237
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 24.6 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

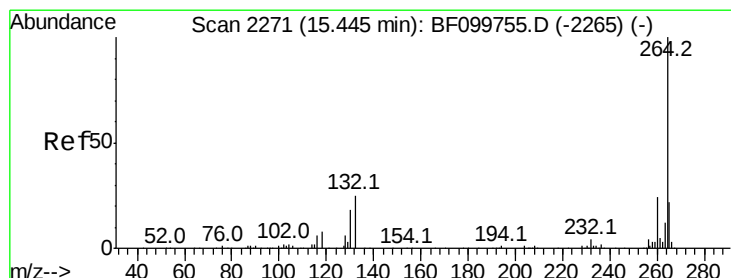
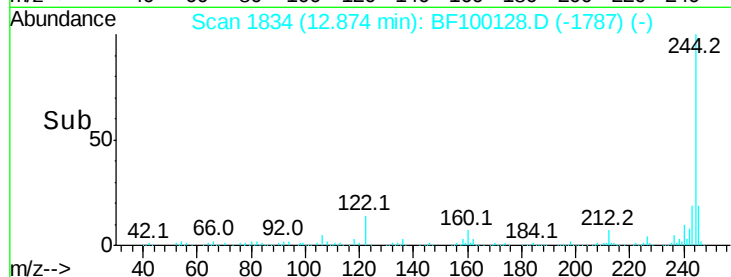
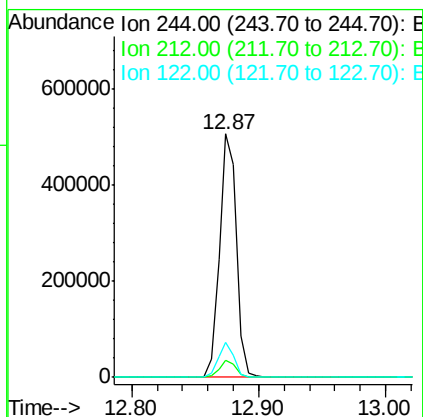
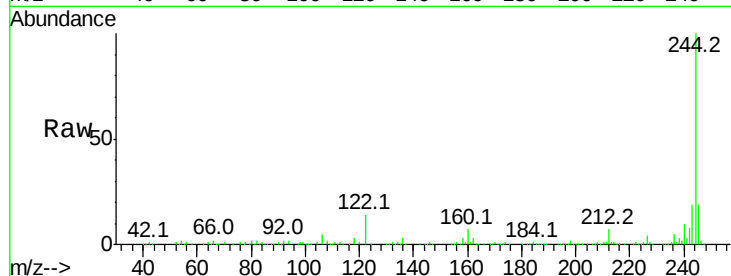




#78
 Terphenyl-d14
 Concen: 60.972 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-7S

Tot Ion:244 Resp: 472171
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Tgt Ion:264 Resp: 133442
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.0 17.5 26.3

