

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100121.D
 Acq On : 3 Nov 2017 8:35
 Operator : SJ/JU
 Sample : I6253-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

Quant Time: Nov 03 11:57:00 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	76019	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	319996	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	145440	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	258104	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	161423	20.00	ng	-0.03
86) Perylene-d12	15.41	264	127725	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	693805	143.29	ng	0.02
7) Phenol-d6	6.42	99	765462	133.32	ng	0.00
23) Nitrobenzene-d5	7.34	82	506626	101.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	196212	148.04	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	973709	103.29	ng	-0.01
78) Terphenyl-d14	12.88	244	830184	112.39	ng	-0.02

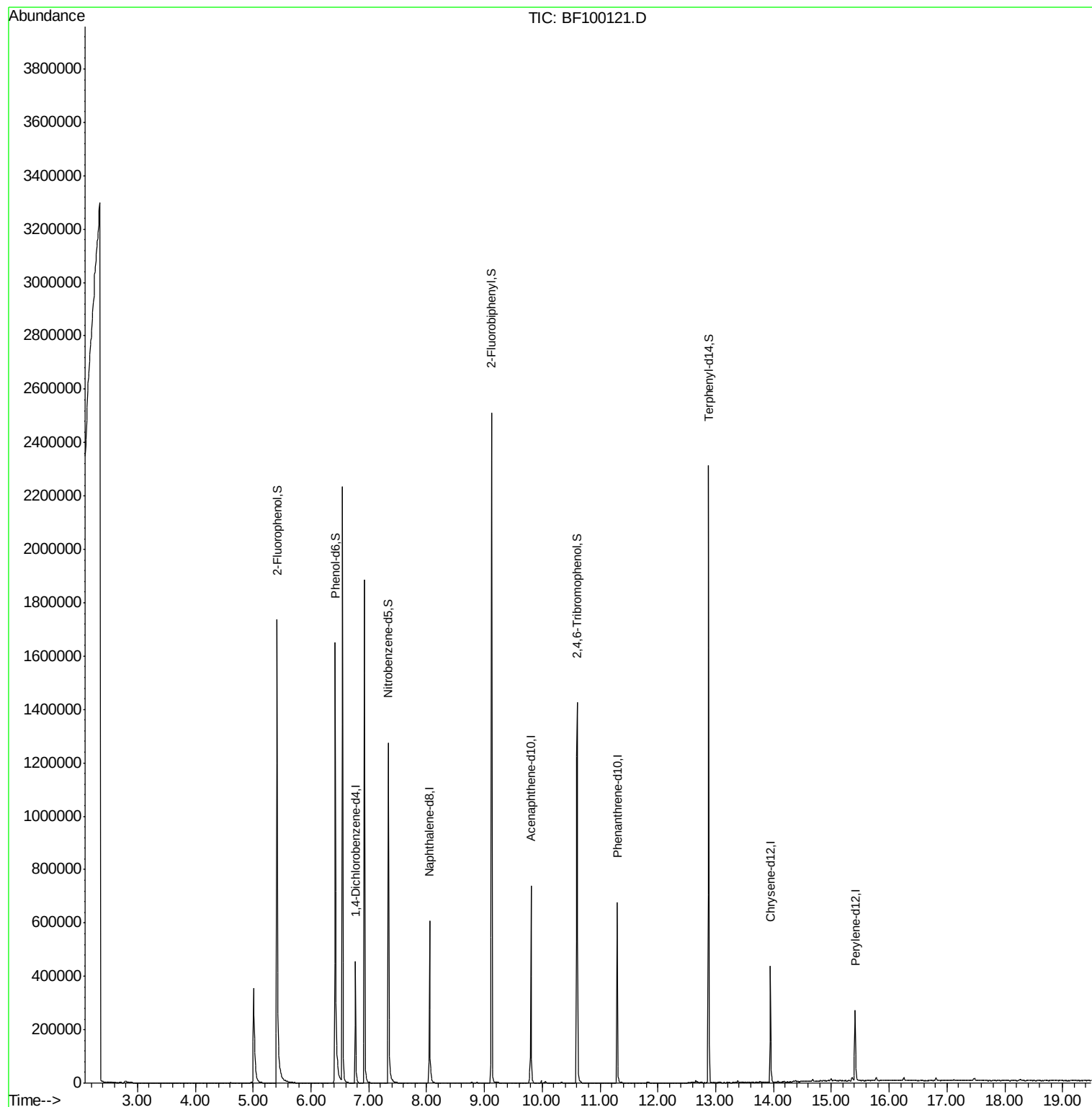
Target Compounds Qvalue

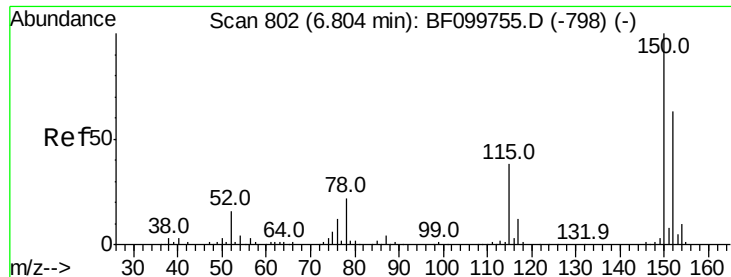
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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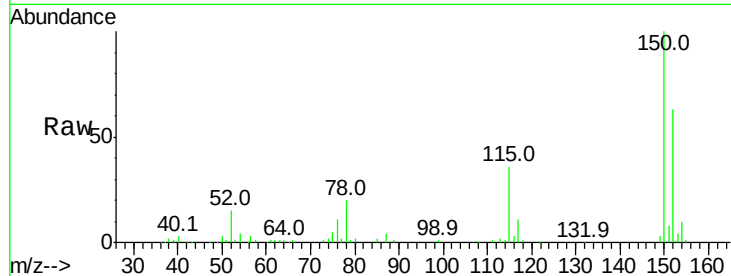


#1

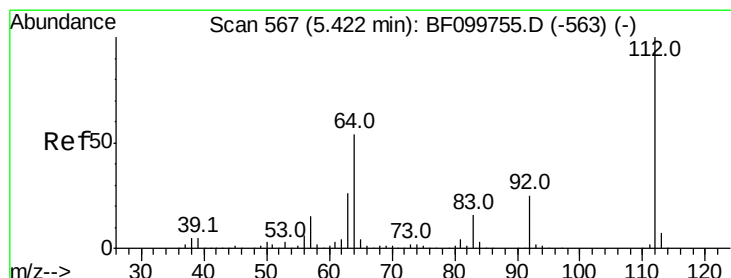
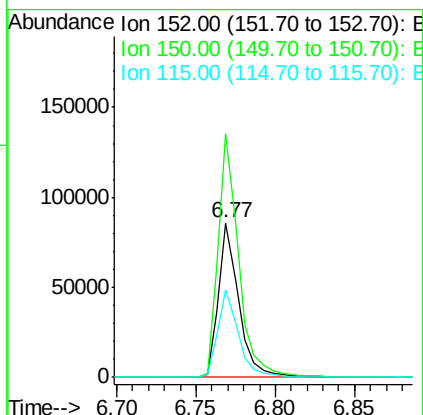
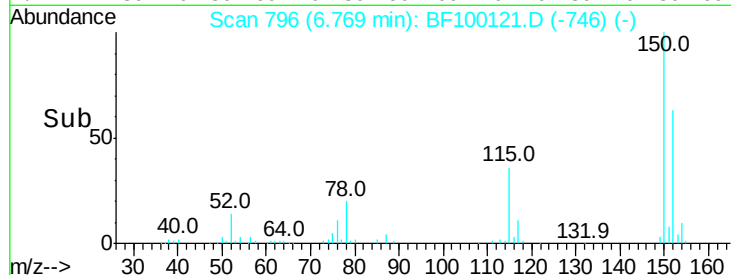
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

Tot Ion:152 Resp: 76019
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 56.2 50.1 75.1



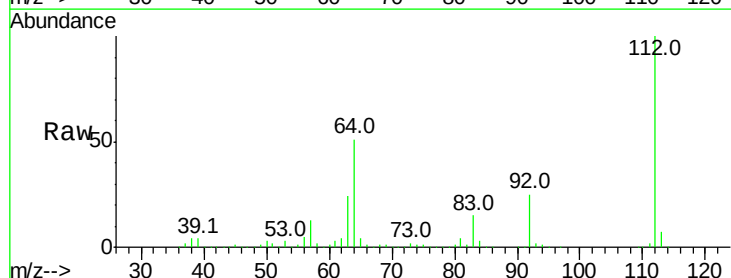
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



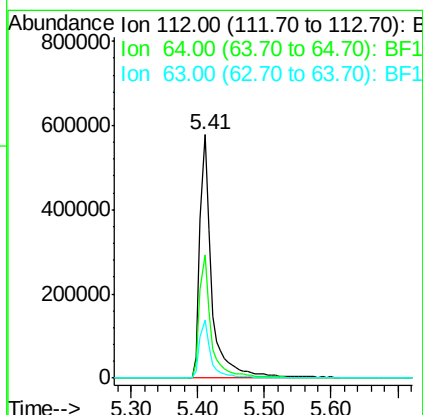
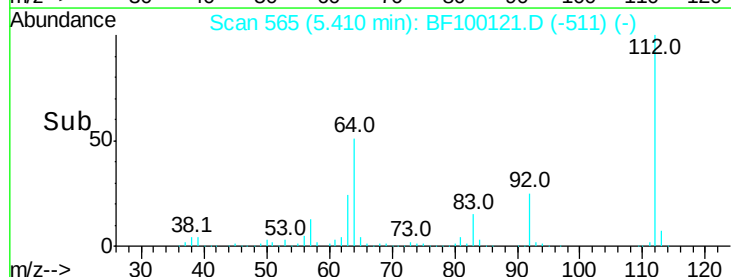
#5

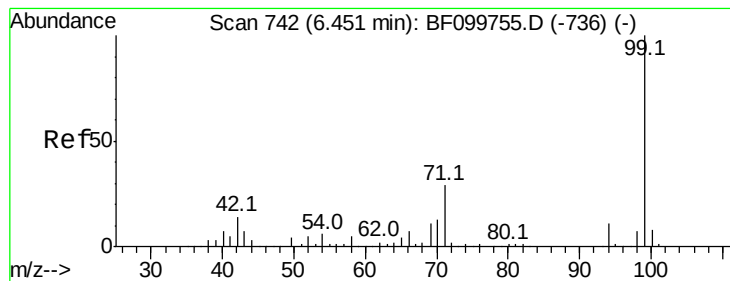
2-Fluorophenol
 Concen: 143.287 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Tgt Ion:112 Resp: 693805
 Ion Ratio Lower Upper
 112 100
 64 50.8 47.9 71.9
 63 23.8 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: 133.324 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

SA-01-103117

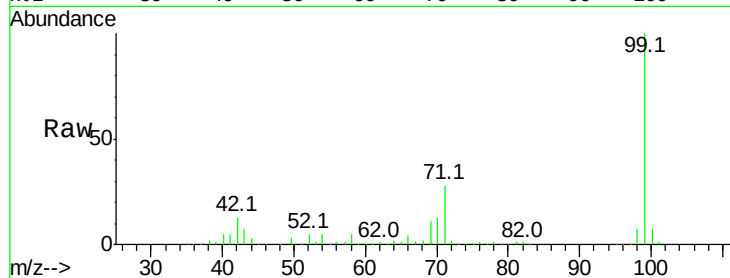
Tot Ion: 99 Resp: 765462

Ion Ratio Lower Upper

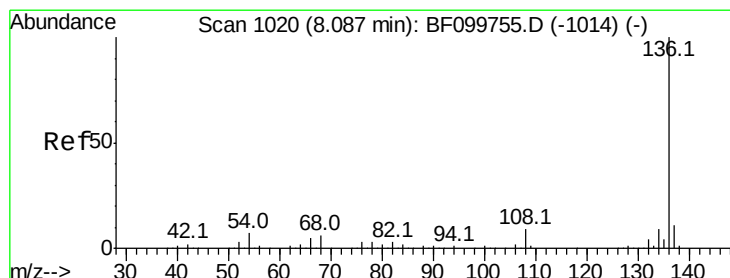
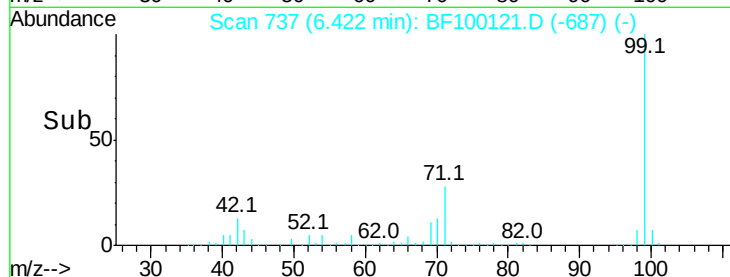
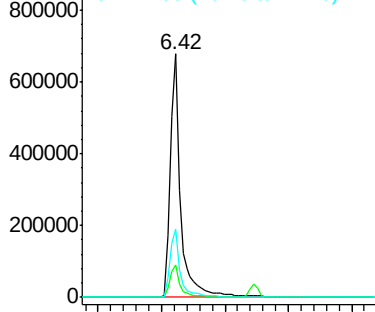
99 100

42 13.3 14.5 21.7#

71 28.2 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: BF100121.D

Acq: 3 Nov 2017 8:35

Tgt Ion: 136 Resp: 319996

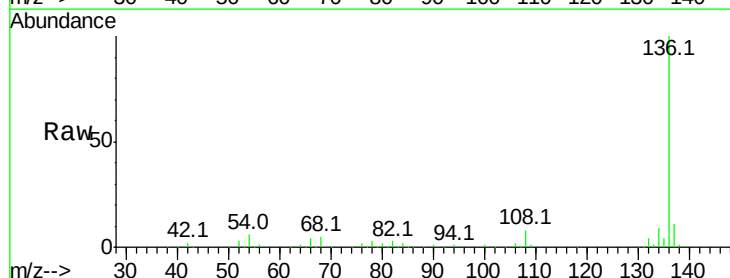
Ion Ratio Lower Upper

136 100

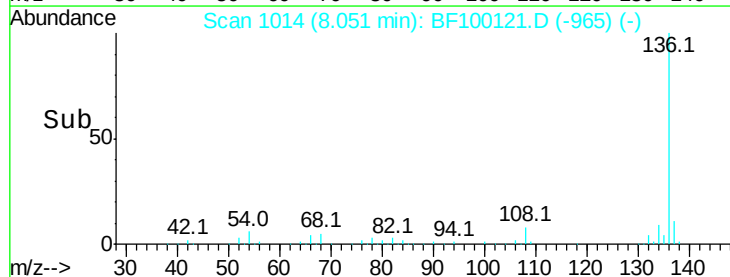
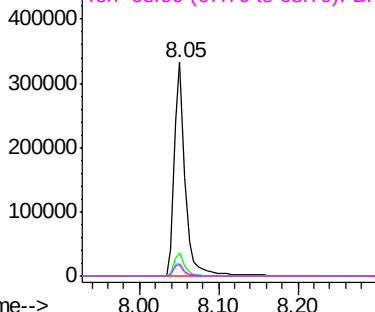
137 10.7 8.9 13.3

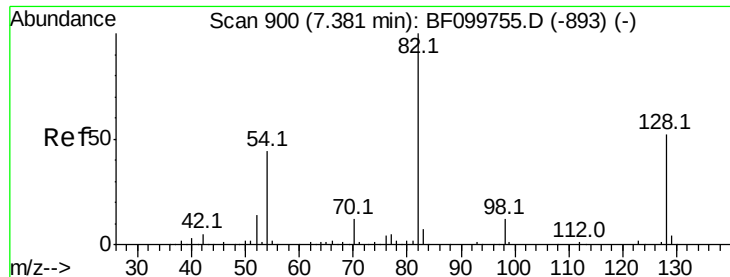
54 6.1 6.6 9.8#

68 5.3 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

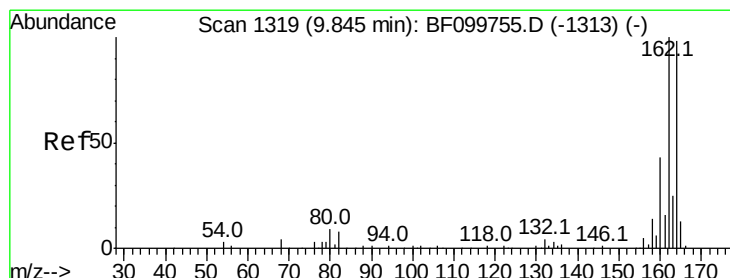
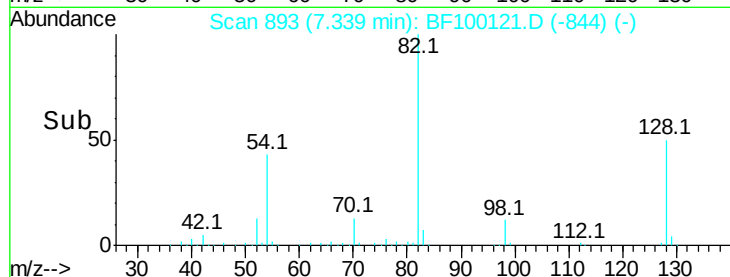
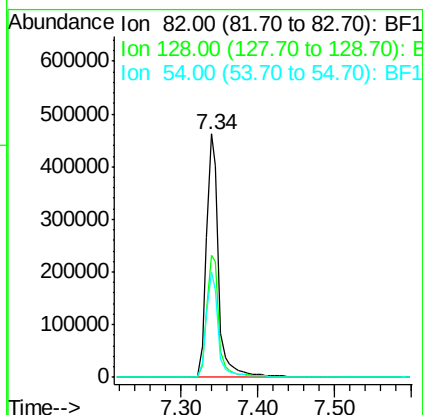
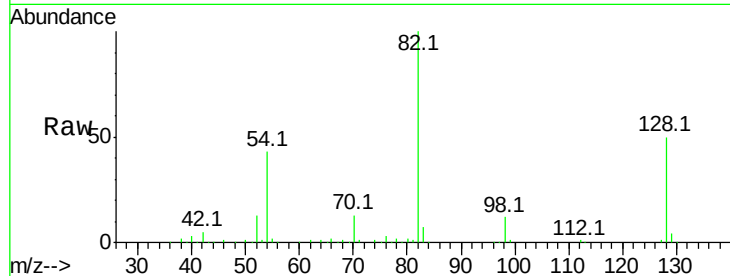




#23
 Nitrobenzene-d5
 Concen: 101.929 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

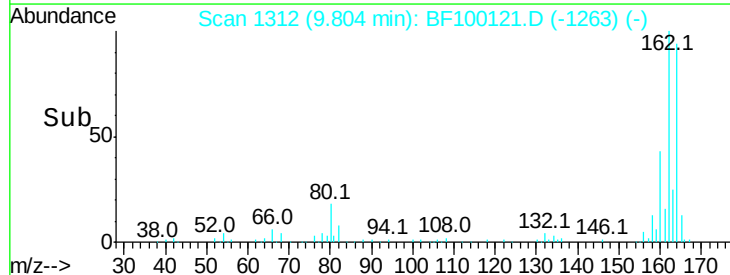
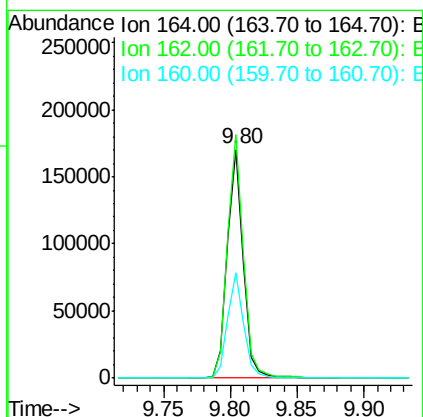
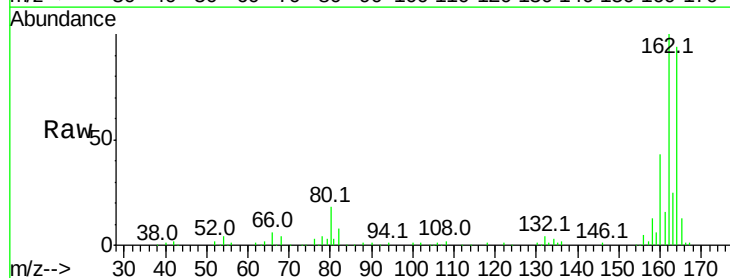
Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

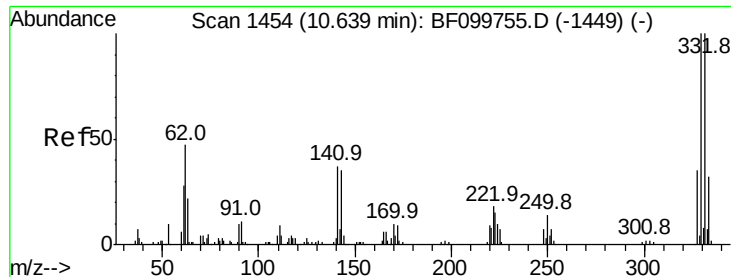
Tot Ion: 82 Resp: 506626
 Ion Ratio Lower Upper
 82 100
 128 50.3 36.1 54.1
 54 43.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Tgt Ion:164 Resp: 145440
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 46.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 148.038 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

SA-01-103117

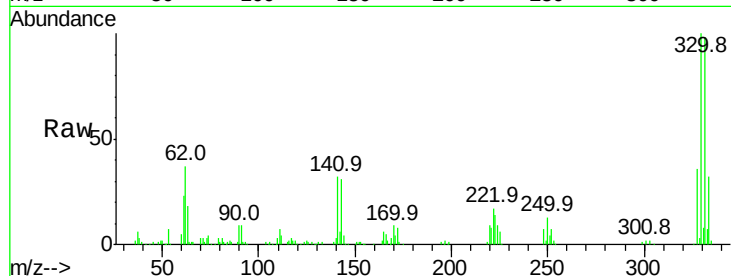
Tot Ion:330 Resp: 196212

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

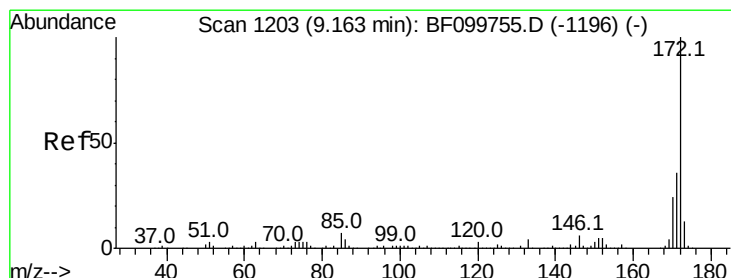
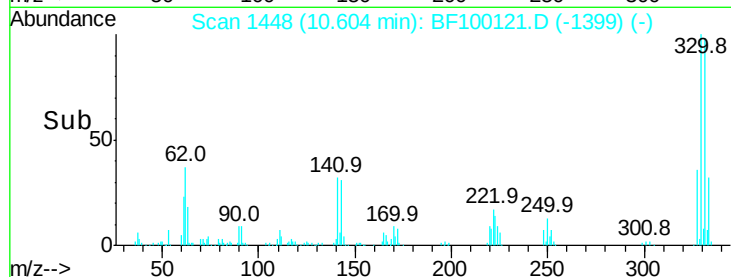
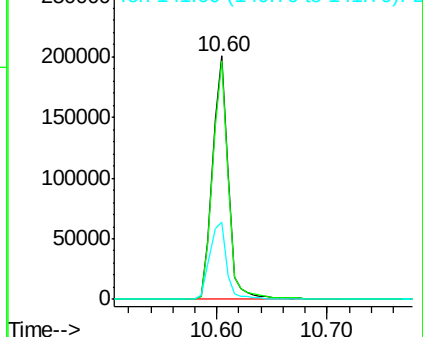
141 34.0 29.9 44.9



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: 103.292 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

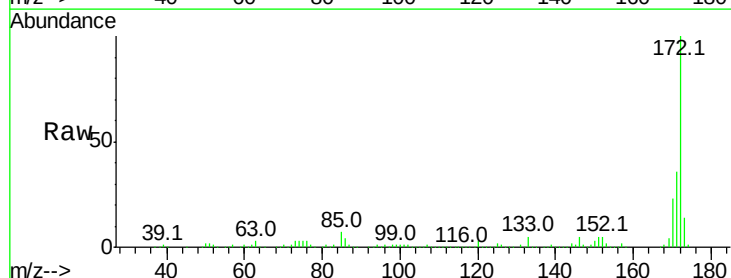
Tgt Ion:172 Resp: 973709

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

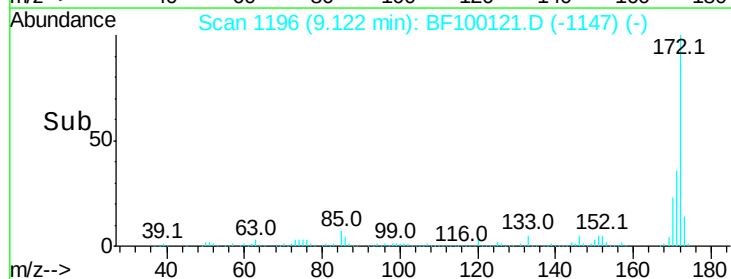
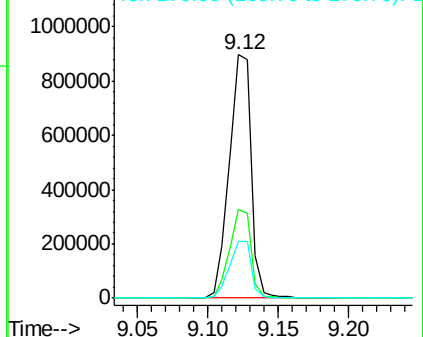
170 23.3 19.6 29.4

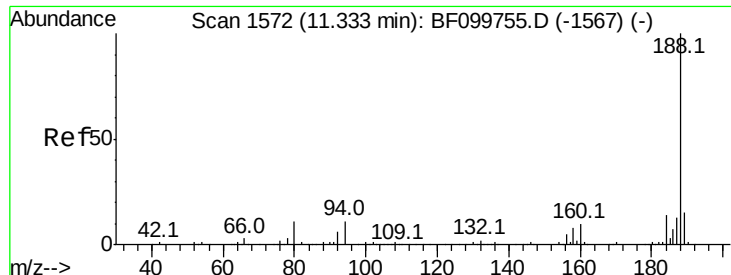


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

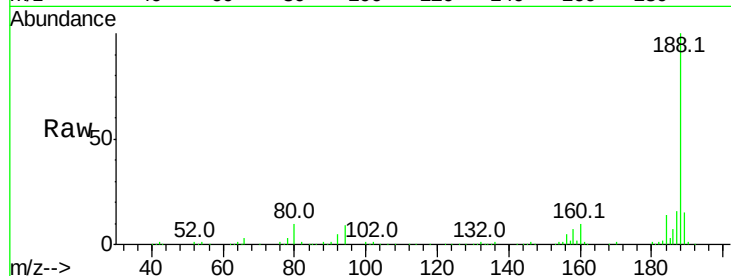




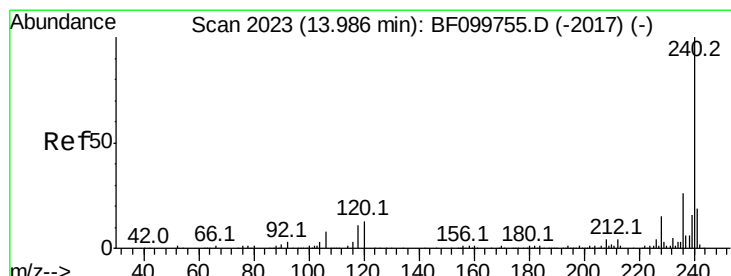
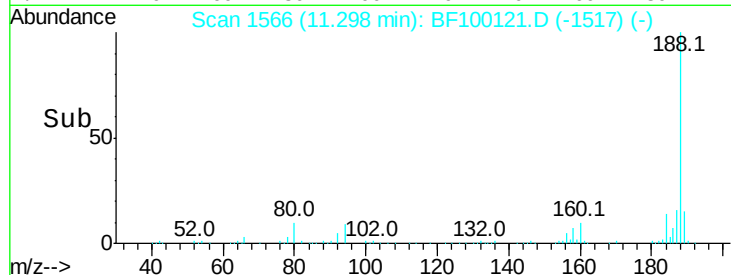
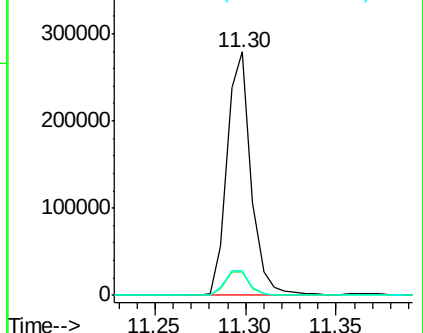
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

Tot Ion:188 Resp: 258104
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.3 9.2 13.8

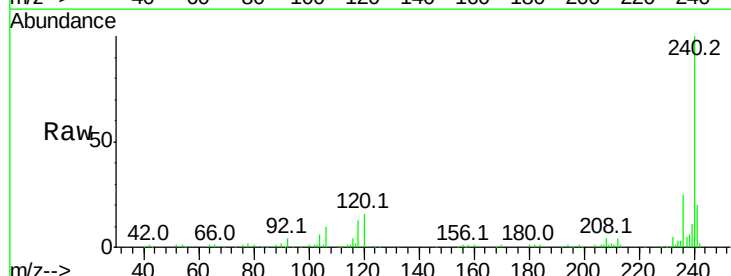


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

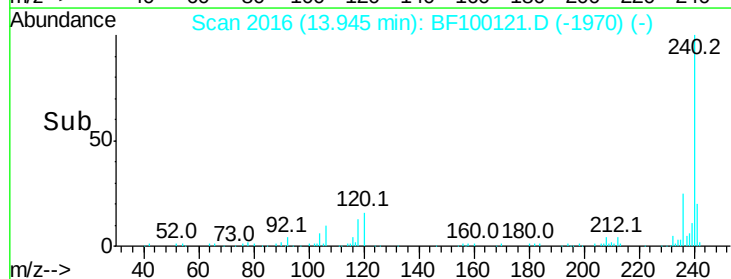
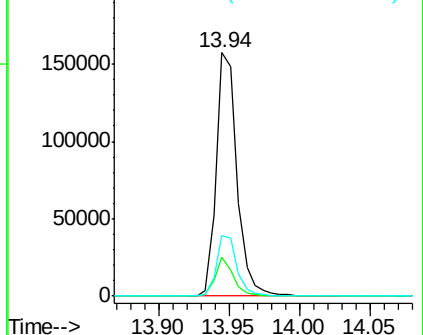


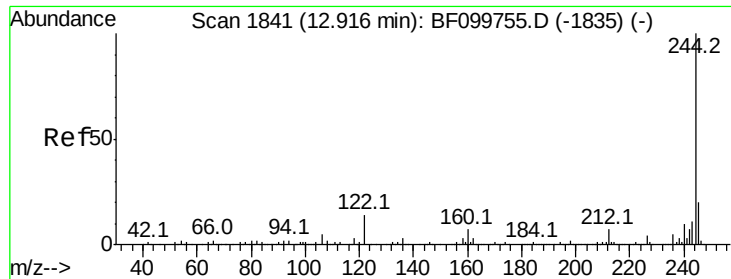
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Tgt Ion:240 Resp: 161423
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 24.9 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: 112.392 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

SA-01-103117

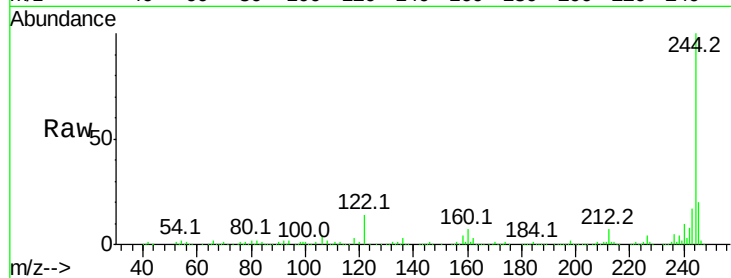
Tot Ion:244 Resp: 830184

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

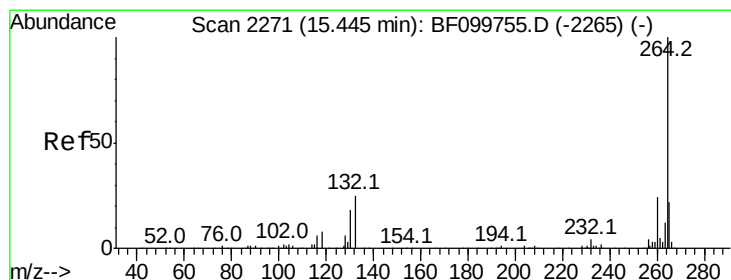
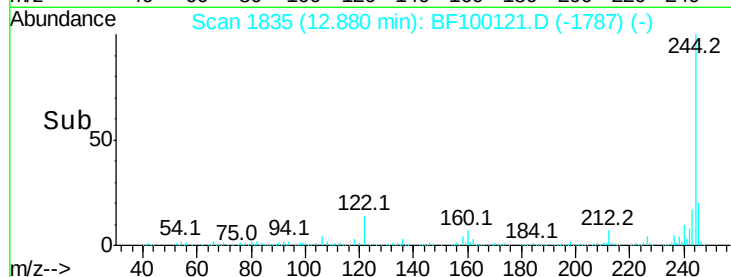
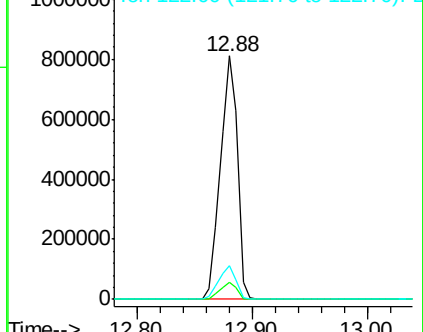
122 13.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

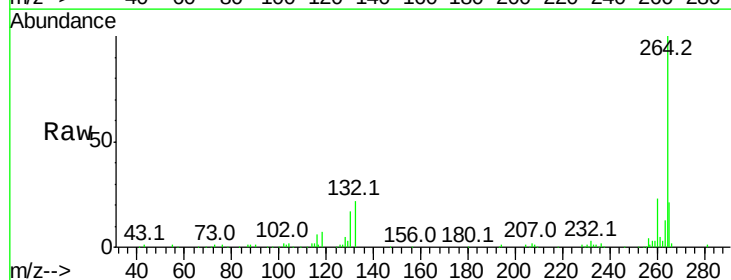
Tgt Ion:264 Resp: 127725

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 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

