

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100212.D
 Acq On : 5 Nov 2017 6:52
 Operator : SJ/JU
 Sample : I6327-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110217-SIDI-F-U-B

Quant Time: Nov 06 04:10:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	97333	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	399269	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	190521	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	341255	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	216156	20.00	ng	-0.01
86) Perylene-d12	15.40	264	152454	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	268778	43.35	ng	0.01
7) Phenol-d6	6.43	99	238176	32.40	ng	0.00
23) Nitrobenzene-d5	7.34	82	526657	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	146219	84.22	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1042386	84.41	ng	-0.01
78) Terphenyl-d14	12.87	244	965095	97.57	ng	-0.01

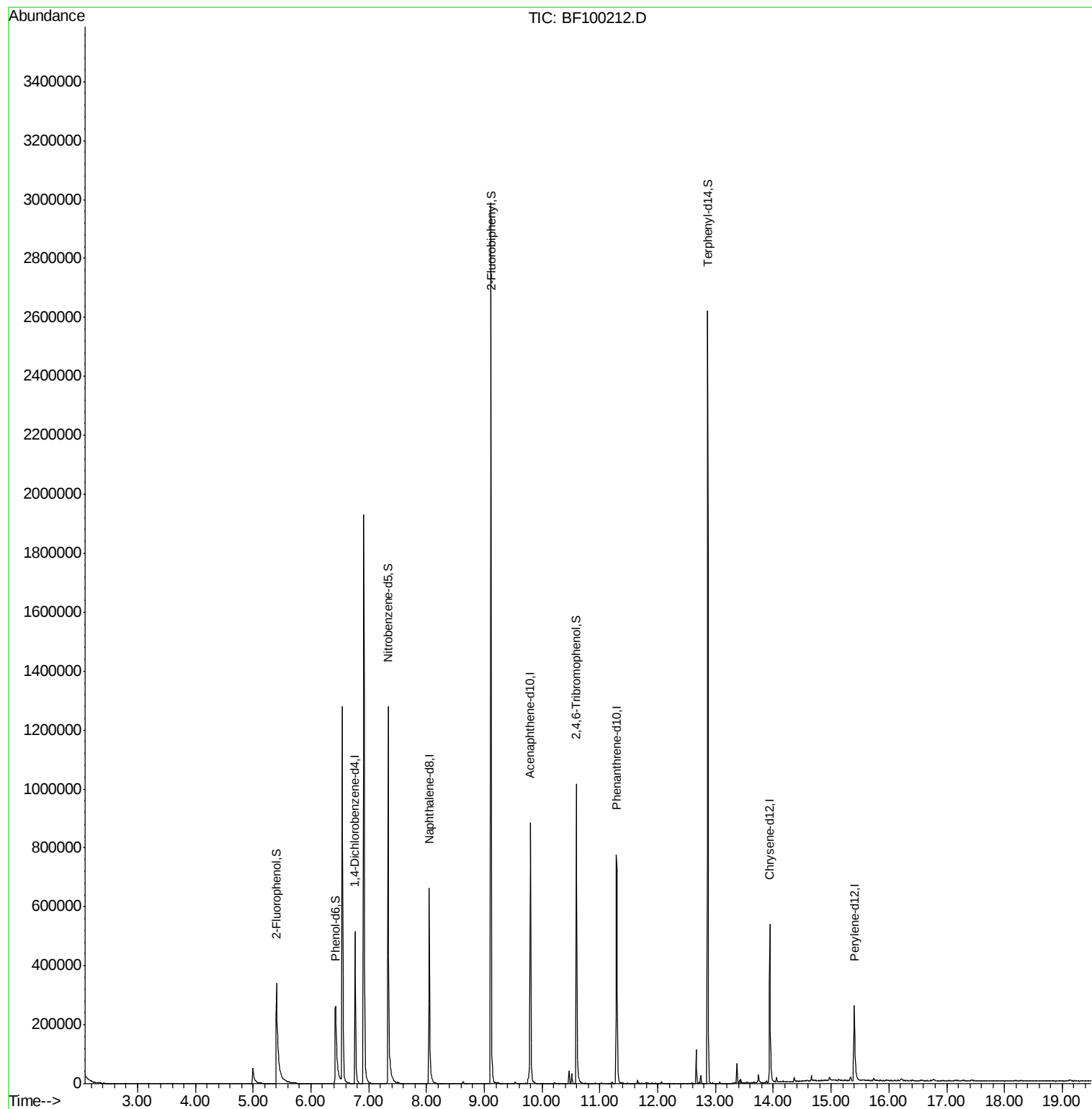
Target Compounds Qvalue

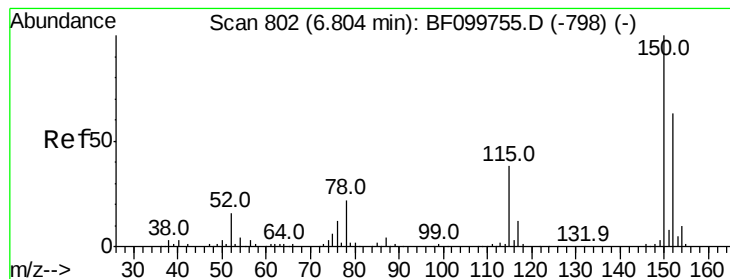
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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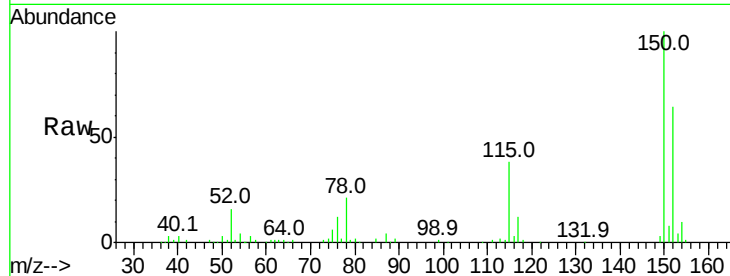


#1

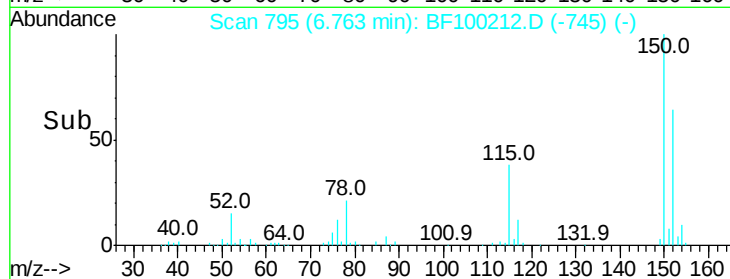
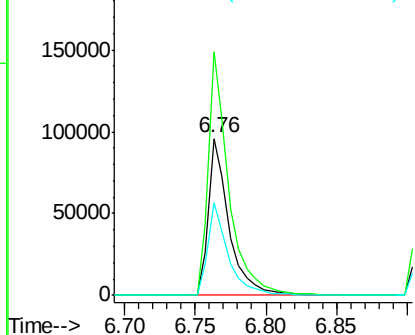
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-U-B

Tot Ion:152 Resp: 97333
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.2 50.1 75.1



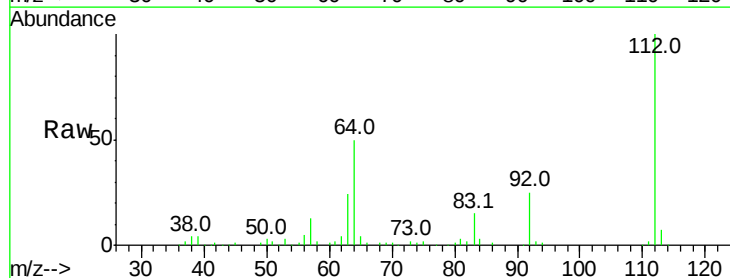
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



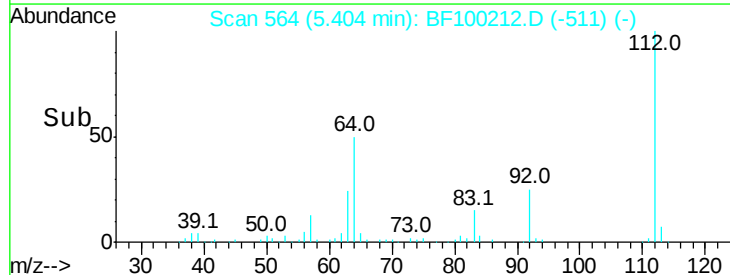
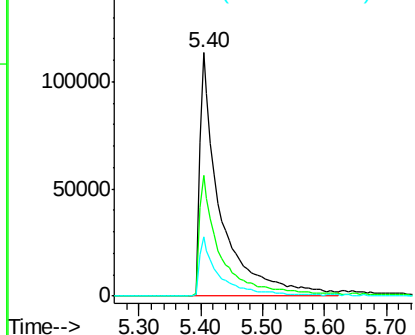
#5

2-Fluorophenol
Concen: 43.353 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Tgt Ion:112 Resp: 268778
Ion Ratio Lower Upper
112 100
64 49.8 47.9 71.9
63 24.2 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: 32.400 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Instrument :

BNA_F

ClientSampleId :

110217-SIDI-F-U-B

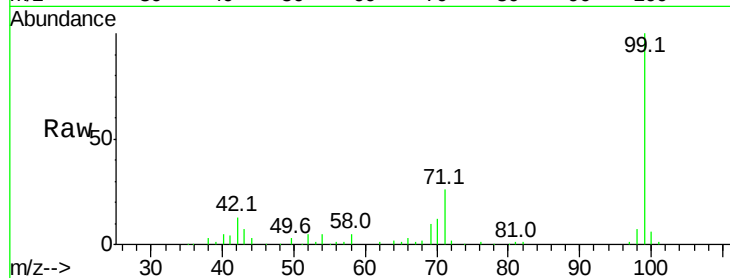
Tot Ion: 99 Resp: 238176

Ion Ratio Lower Upper

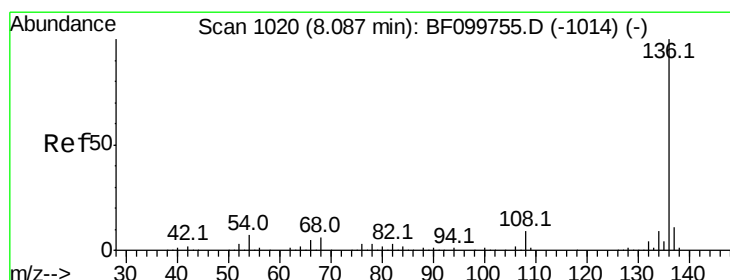
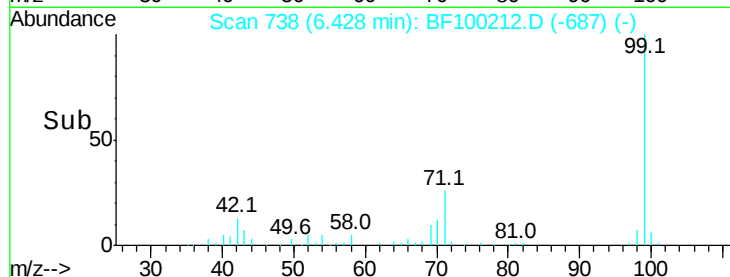
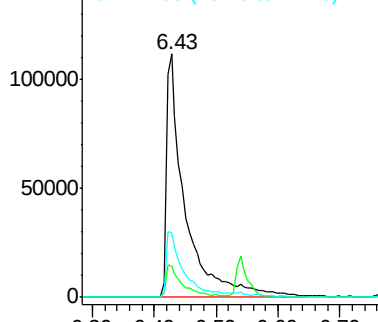
99 100

42 12.6 14.5 21.7#

71 26.4 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# 1013

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Tgt Ion: 136 Resp: 399269

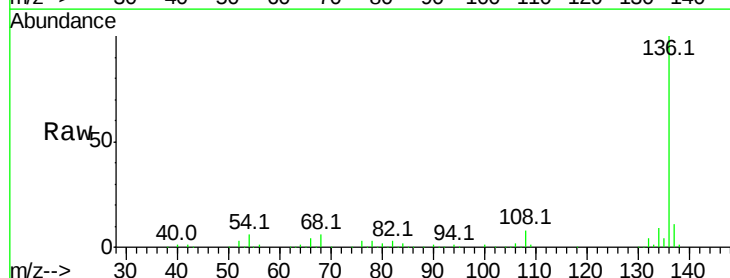
Ion Ratio Lower Upper

136 100

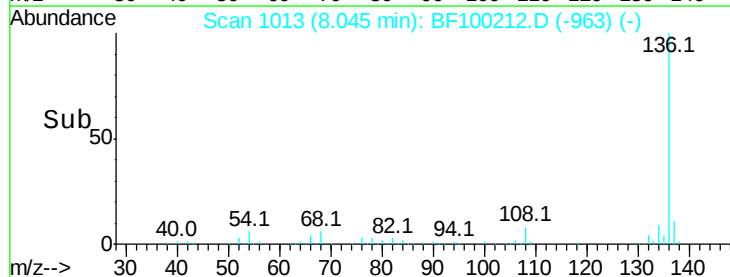
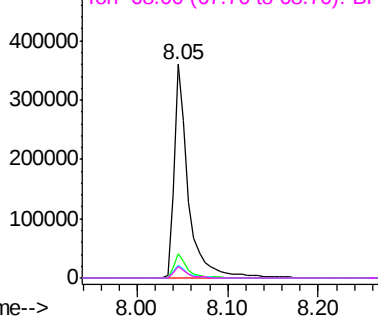
137 11.1 8.9 13.3

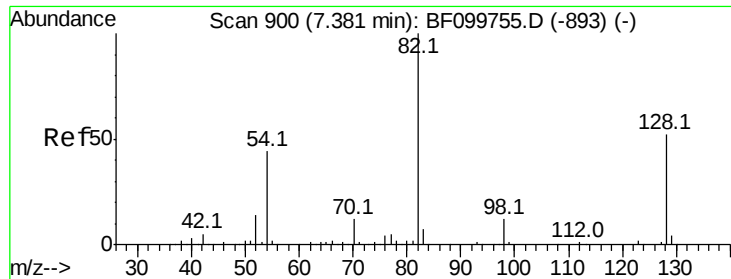
54 6.0 6.6 9.8#

68 5.7 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

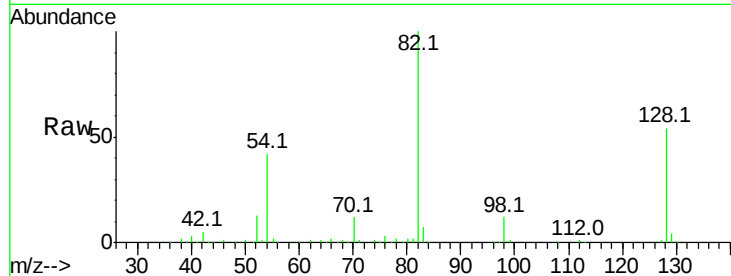




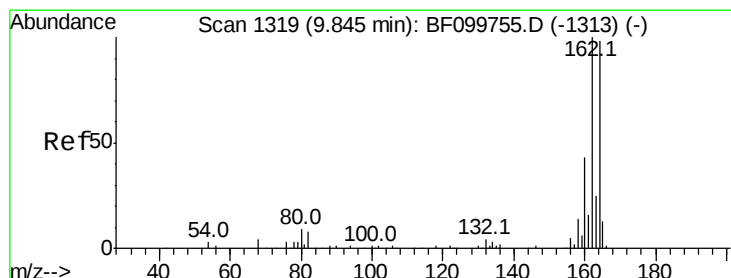
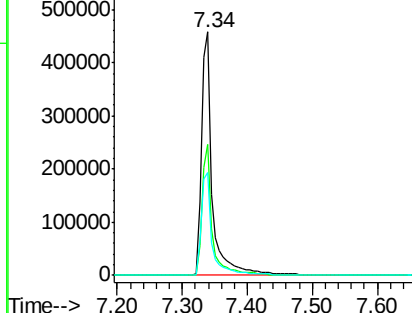
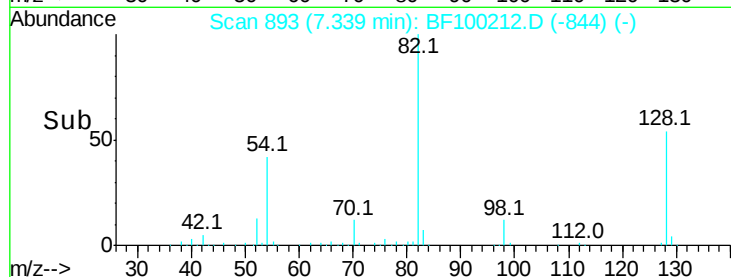
#23
Nitrobenzene-d5
Concen: 84.921 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-U-B

Tot Ion: 82 Resp: 526657
Ion Ratio Lower Upper
82 100
128 54.0 36.1 54.1
54 42.1 41.4 62.2

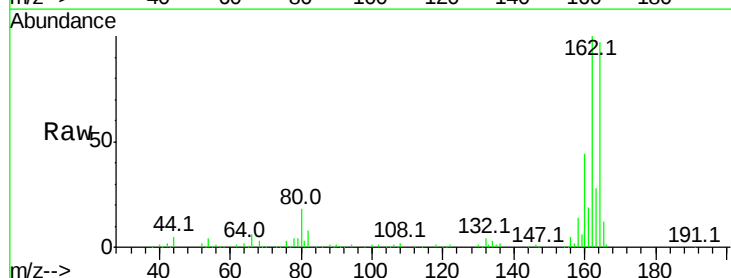


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

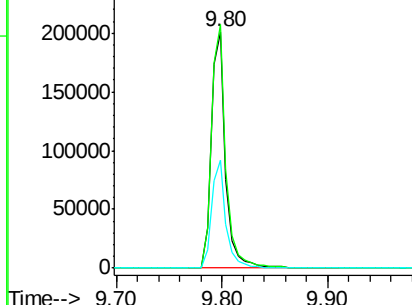
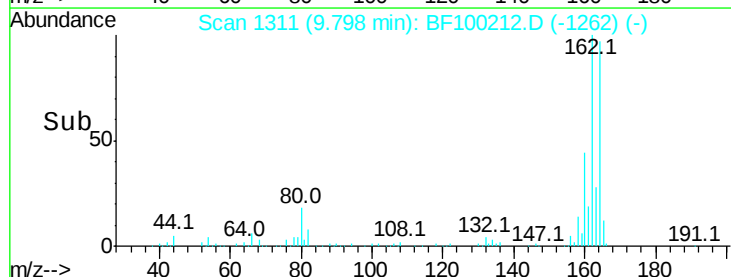


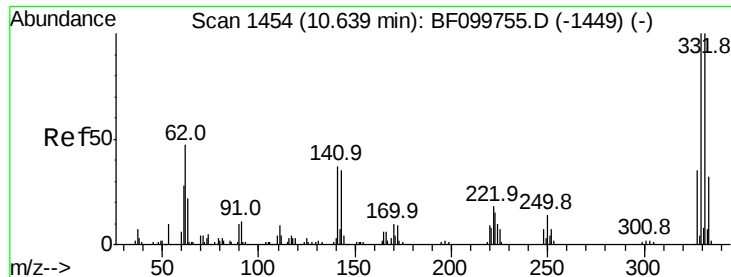
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Tgt Ion:164 Resp: 190521
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 84.215 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Instrument :

BNA_F

ClientSampleId :

110217-SIDI-F-U-B

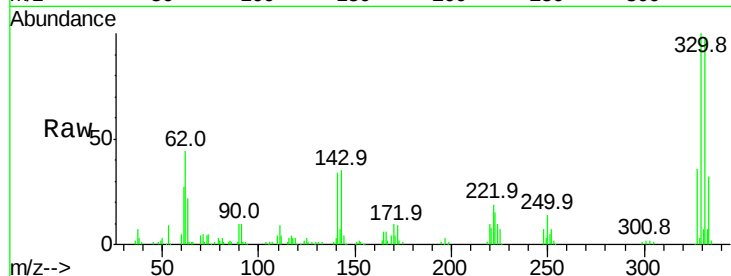
Tot Ion:330 Resp: 146219

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

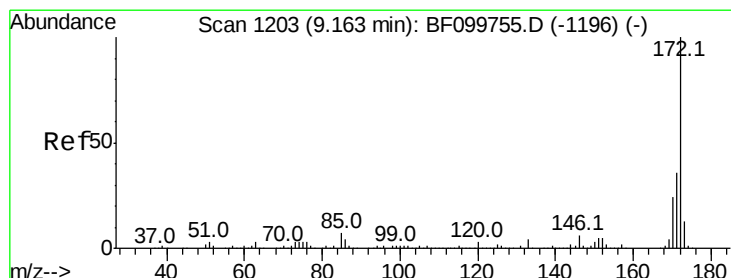
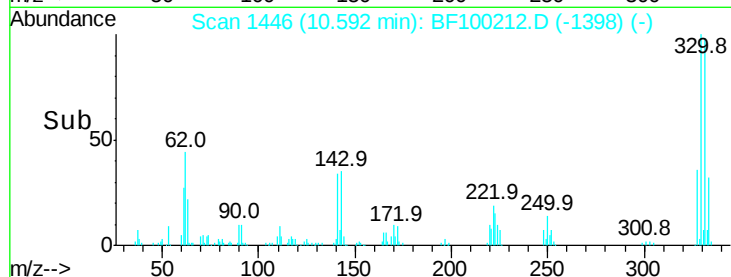
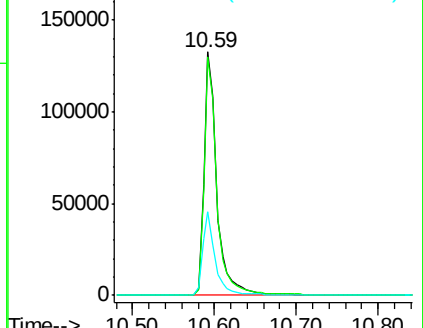
141 33.9 29.9 44.9



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: 84.412 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

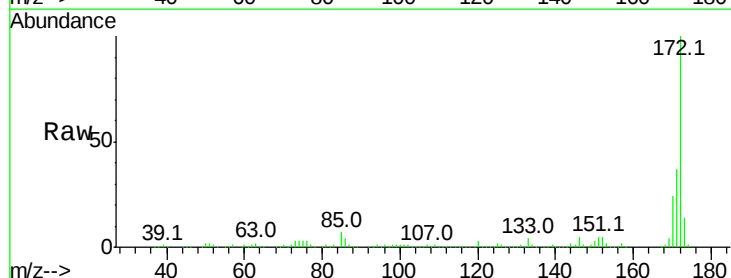
Tgt Ion:172 Resp: 1042386

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

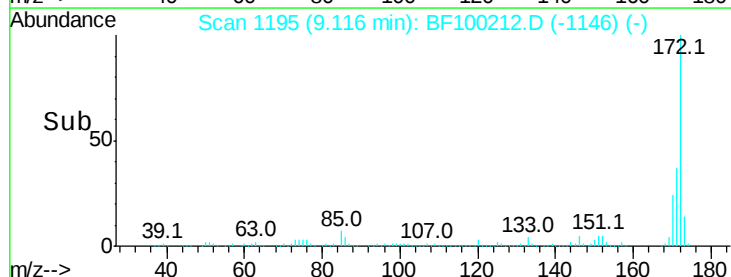
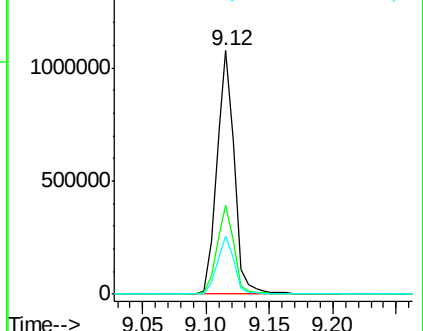
170 23.7 19.6 29.4

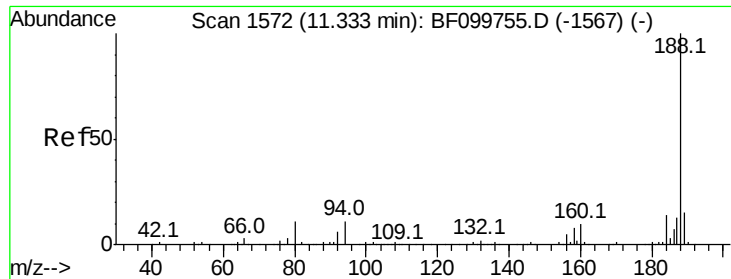


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

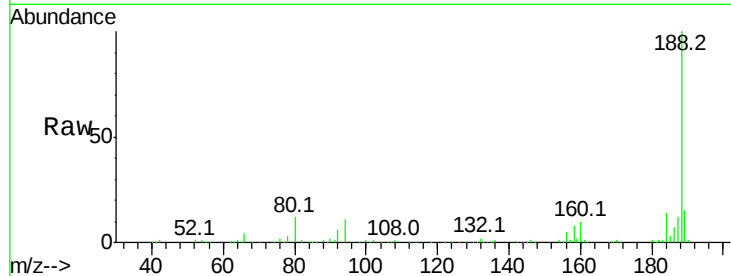




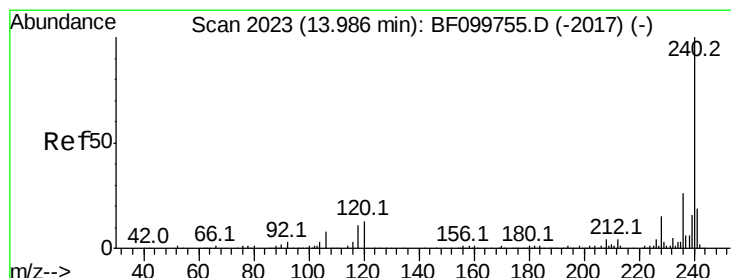
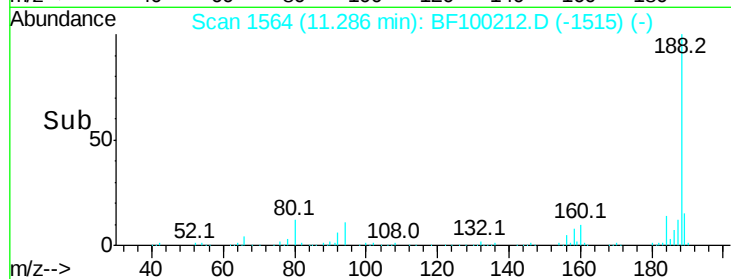
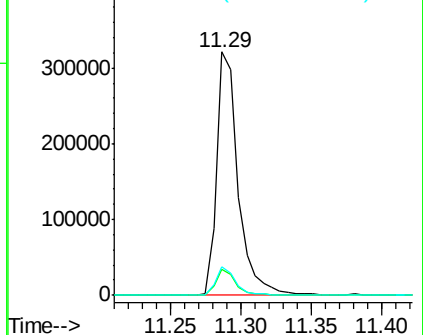
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-U-B

Tot Ion:188 Resp: 341255
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8

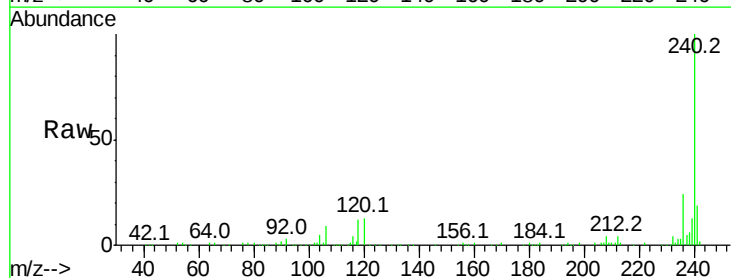


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

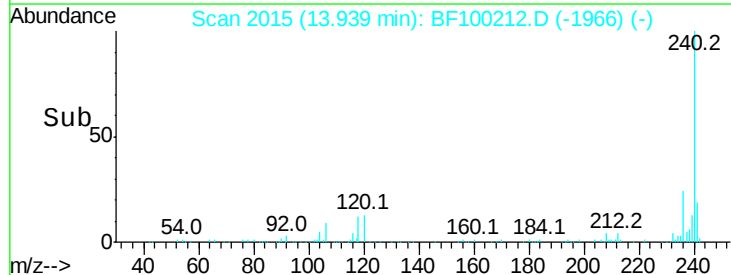
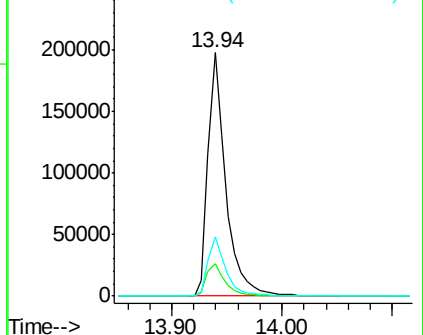


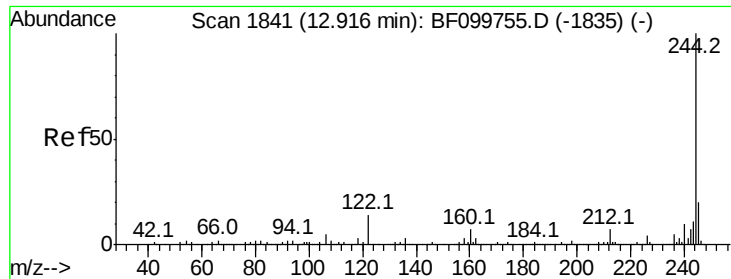
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100212.D
Acq: 5 Nov 2017 6:52

Tgt Ion:240 Resp: 216156
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 24.3 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: 97.573 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

Instrument :

BNA_F

ClientSampleId :

110217-SIDI-F-U-B

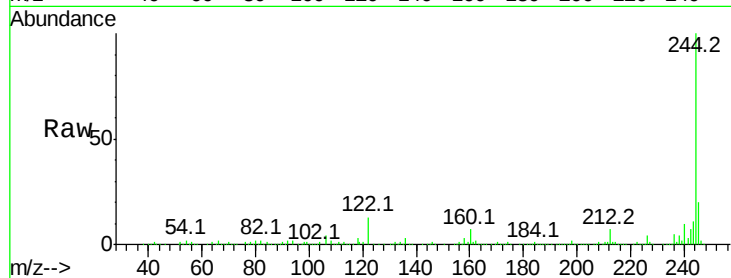
Tot Ion:244 Resp: 965095

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

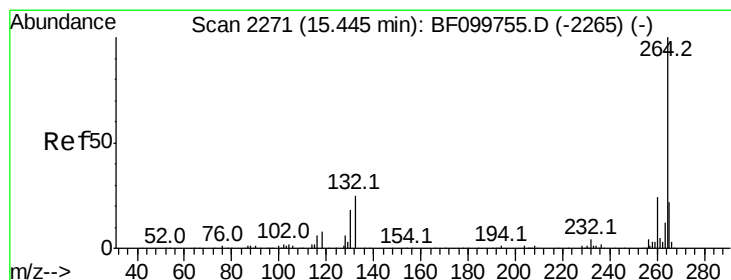
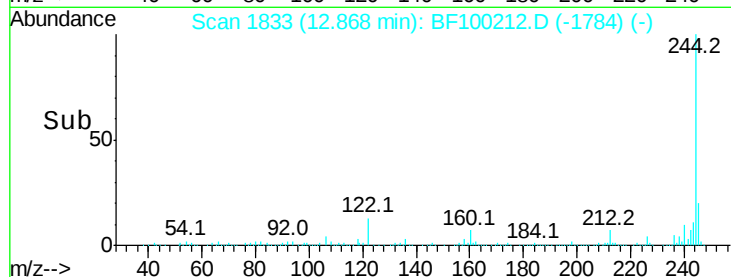
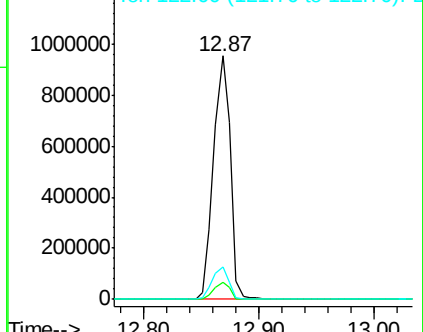
122 13.4 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100212.D

Acq: 5 Nov 2017 6:52

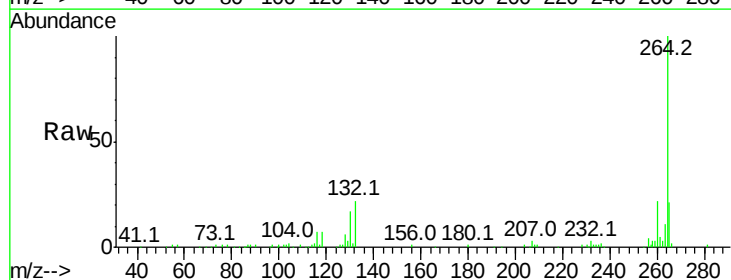
Tgt Ion:264 Resp: 152454

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.0 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

