

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100120.D
 Acq On : 3 Nov 2017 8:09
 Operator : SJ/JU
 Sample : I6273-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103117-SIDI-E-D-B

Quant Time: Nov 03 11:55:41 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	80197	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	329826	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	151348	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	266872	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	163654	20.00	ng	-0.02
86) Perylene-d12	15.41	264	129088	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	251907	49.31	ng	0.00
7) Phenol-d6	6.42	99	202122	33.37	ng	-0.01
23) Nitrobenzene-d5	7.34	82	488445	95.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	131979	95.69	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	956658	97.52	ng	0.00
78) Terphenyl-d14	12.88	244	837580	111.85	ng	-0.02

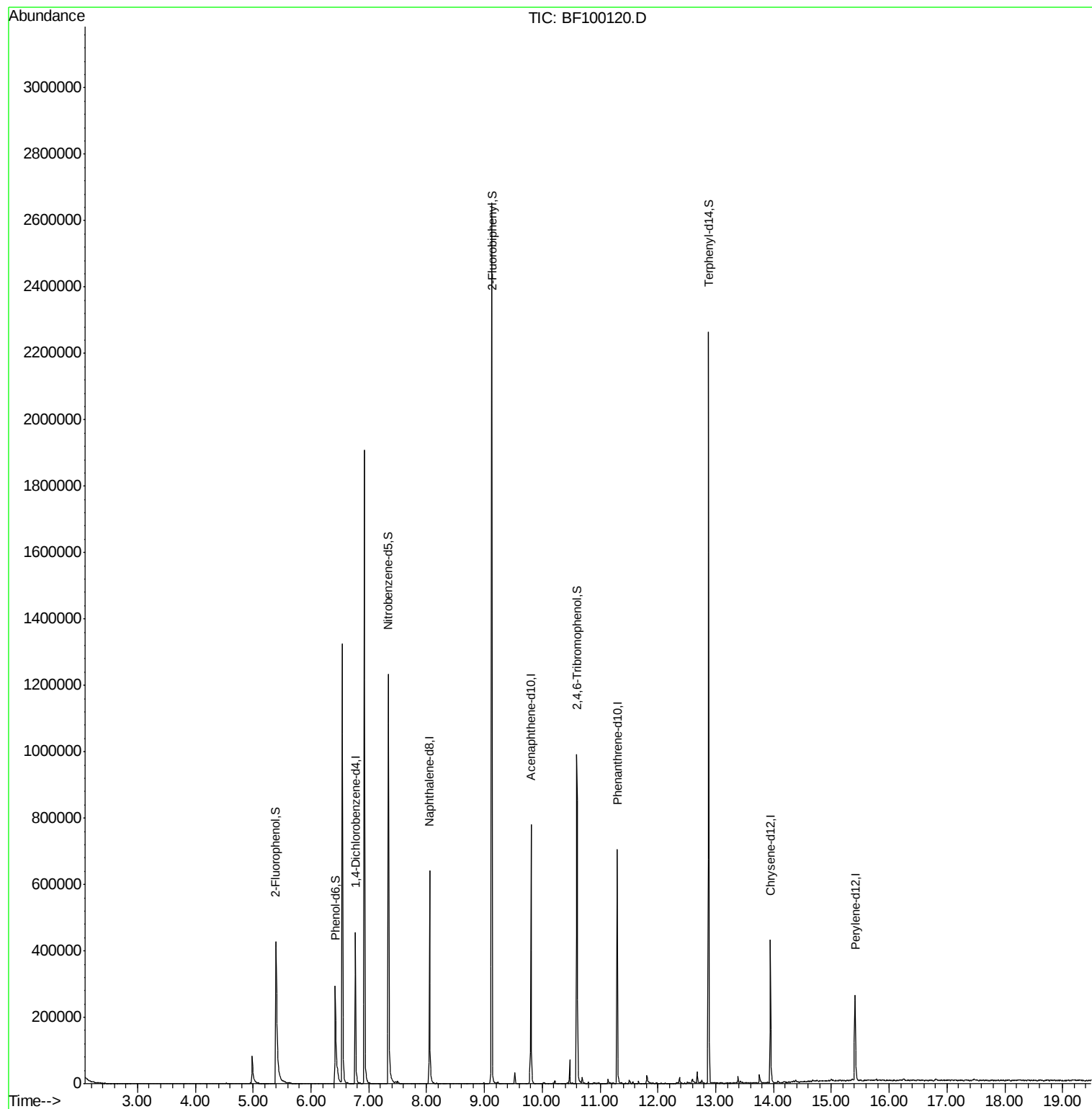
Target Compounds Qvalue

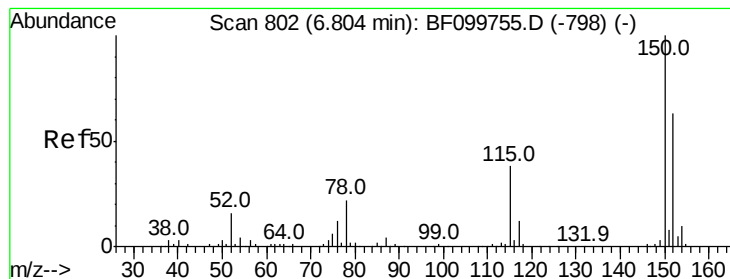
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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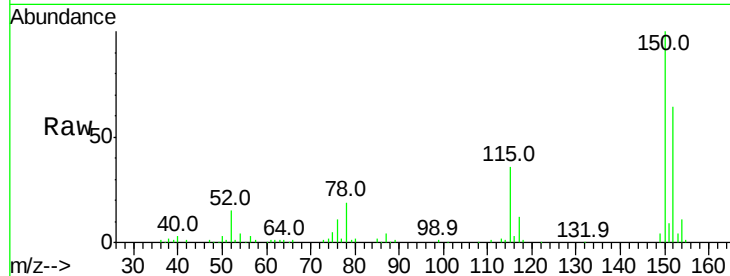


#1

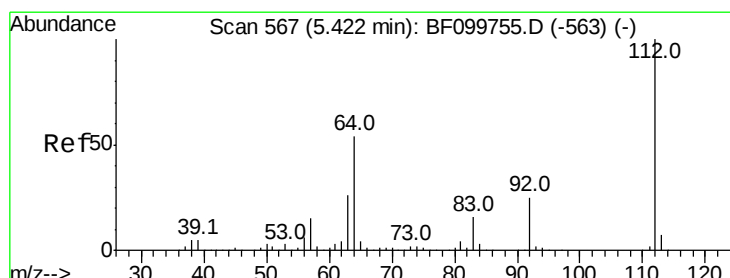
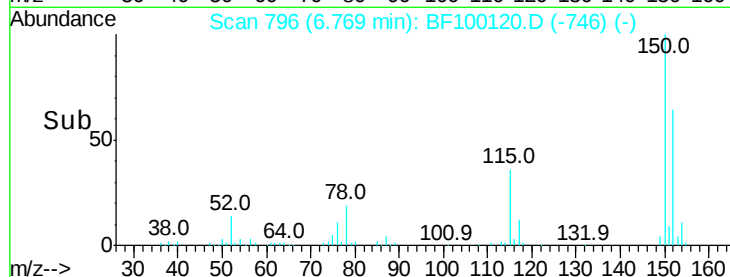
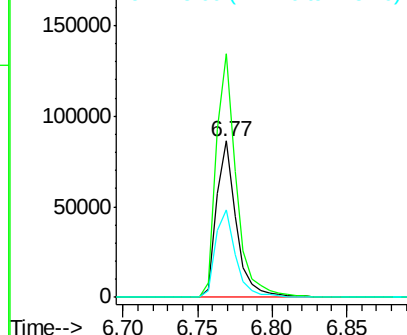
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Instrument :
 BNA_F
 ClientSampleId :
 103117-SIDI-E-D-B

Tot Ion:152 Resp: 80197
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 56.3 50.1 75.1



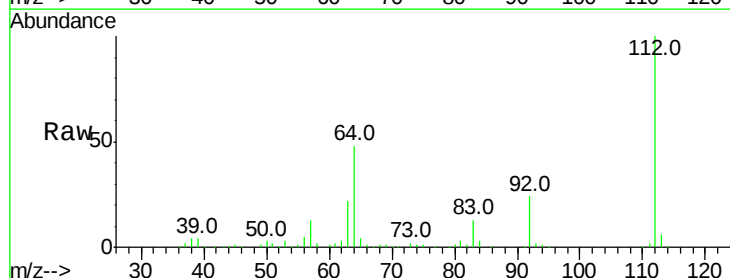
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



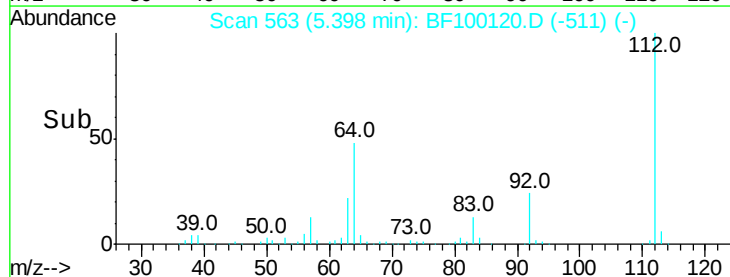
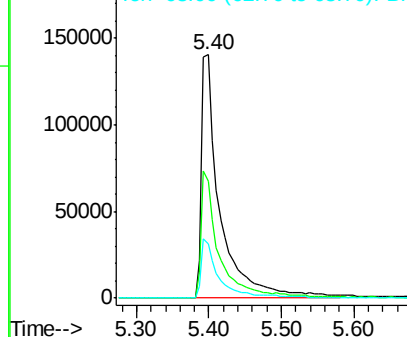
#5

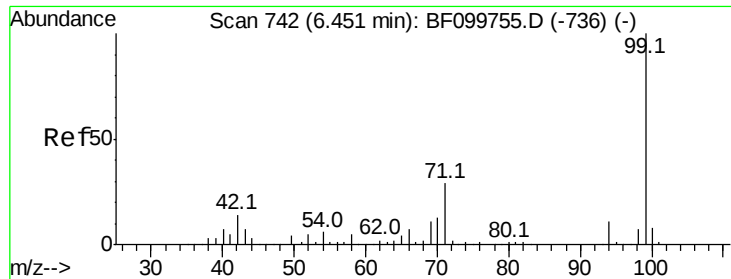
2-Fluorophenol
 Concen: 49.314 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Tgt Ion:112 Resp: 251907
 Ion Ratio Lower Upper
 112 100
 64 48.2 47.9 71.9
 63 22.3 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: 33.371 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Instrument :

BNA_F

ClientSampleId :

103117-SIDI-E-D-B

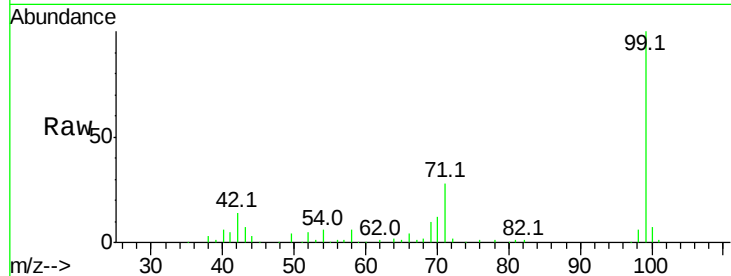
Tot Ion: 99 Resp: 202122

Ion Ratio Lower Upper

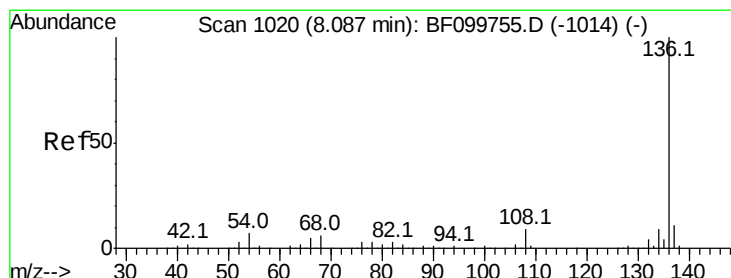
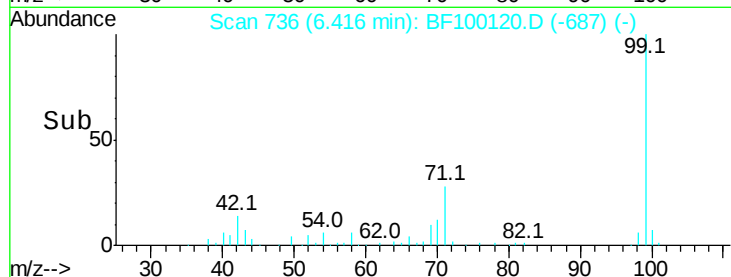
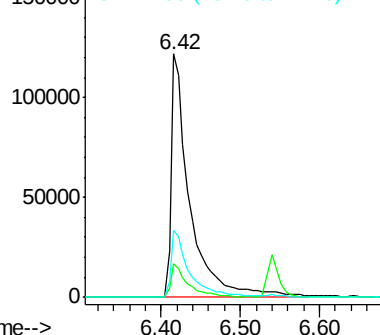
99 100

42 13.6 14.5 21.7#

71 27.7 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: BF100120.D

Acq: 3 Nov 2017 8:09

Tgt Ion: 136 Resp: 329826

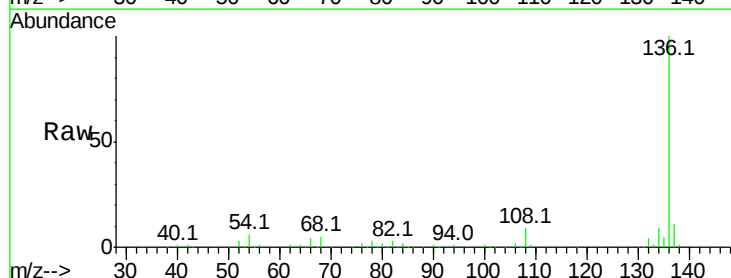
Ion Ratio Lower Upper

136 100

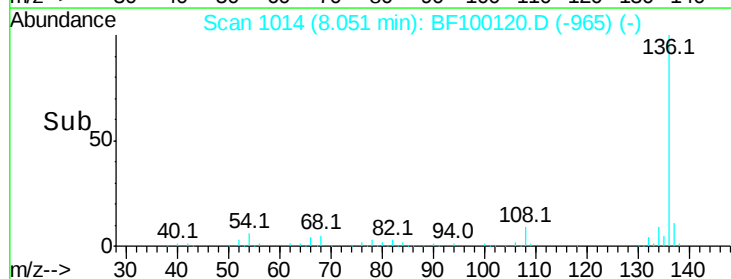
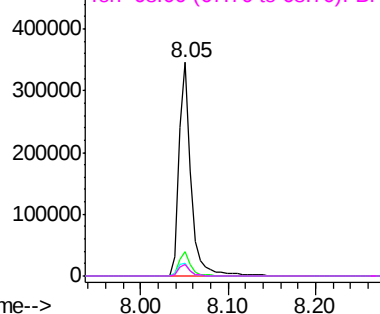
137 11.4 8.9 13.3

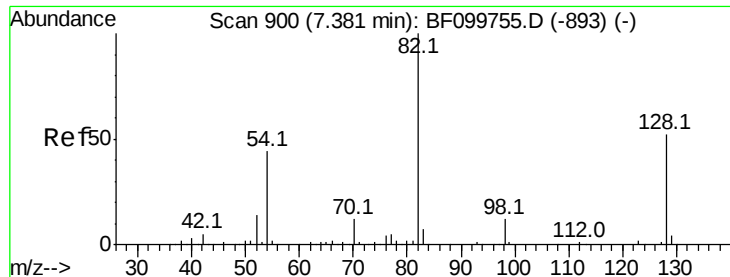
54 6.2 6.6 9.8#

68 5.4 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

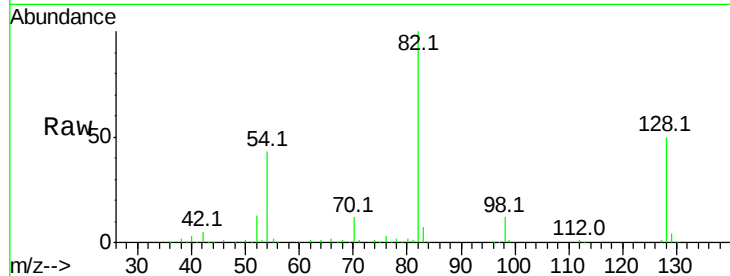




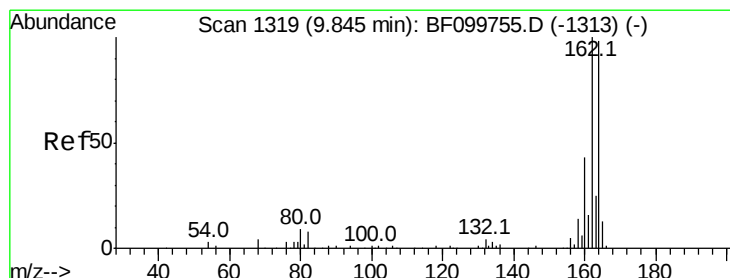
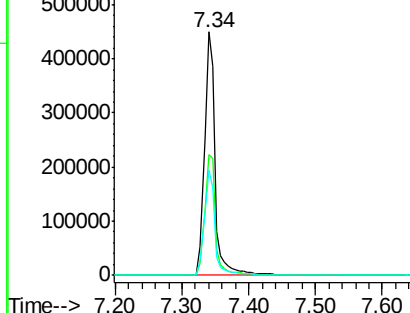
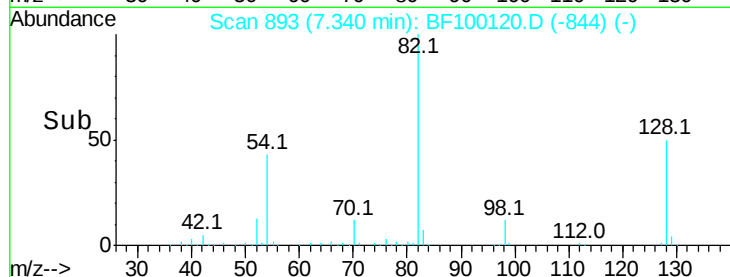
#23
Nitrobenzene-d5
Concen: 95.342 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100120.D
Acq: 3 Nov 2017 8:09

Instrument :
BNA_F
ClientSampleId :
103117-SIDI-E-D-B

Tot Ion: 82 Resp: 488445
Ion Ratio Lower Upper
82 100
128 49.6 36.1 54.1
54 43.3 41.4 62.2

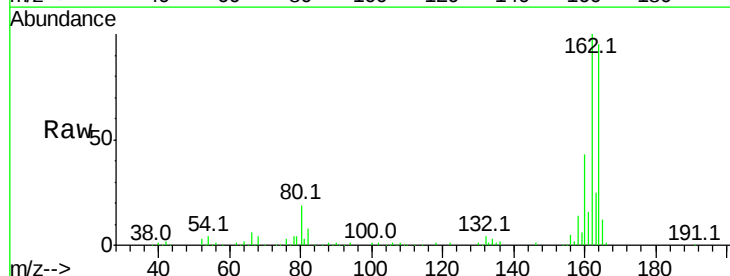


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

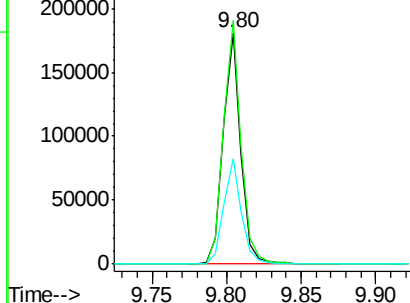
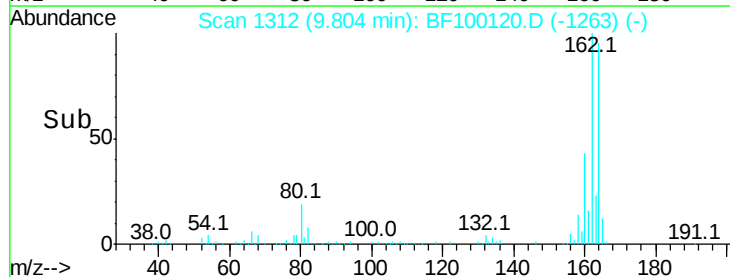


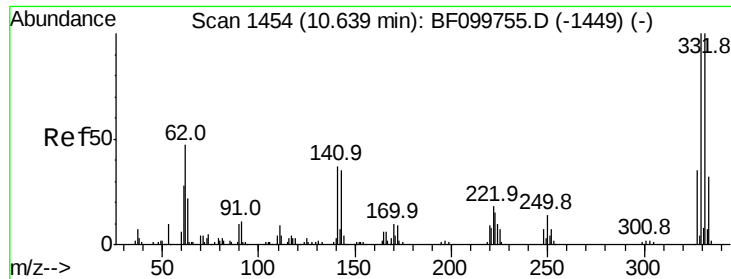
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100120.D
Acq: 3 Nov 2017 8:09

Tgt Ion:164 Resp: 151348
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 45.3 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

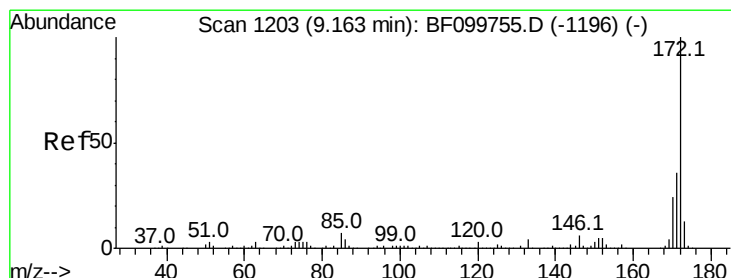
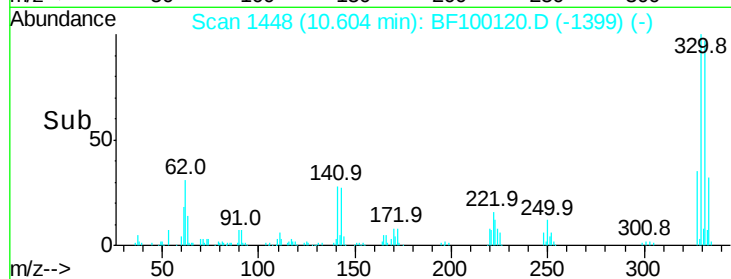
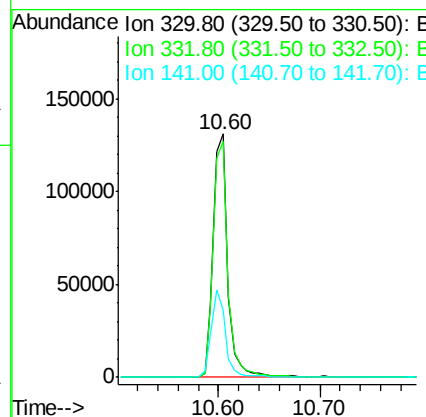
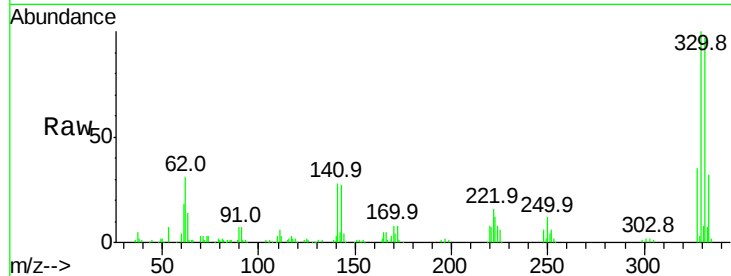




#41
 2,4,6-Tribromophenol
 Concen: 95.688 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

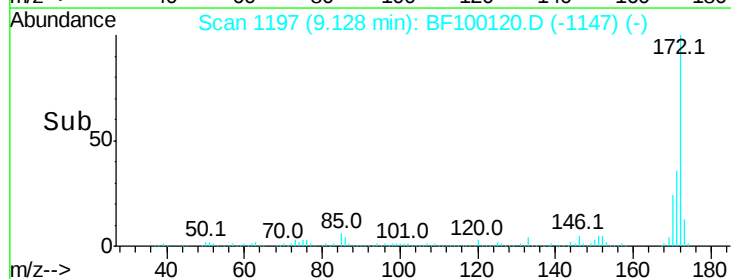
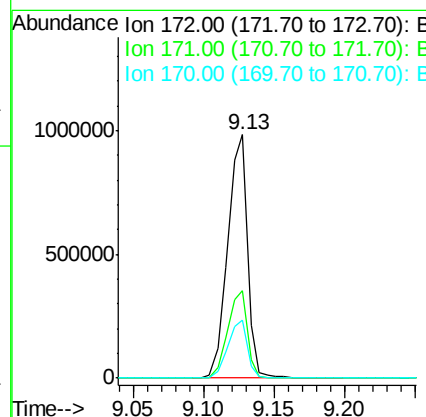
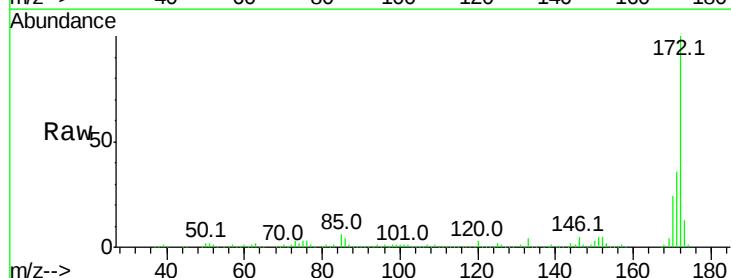
Instrument :
 BNA_F
 ClientSampleId :
 103117-SIDI-E-D-B

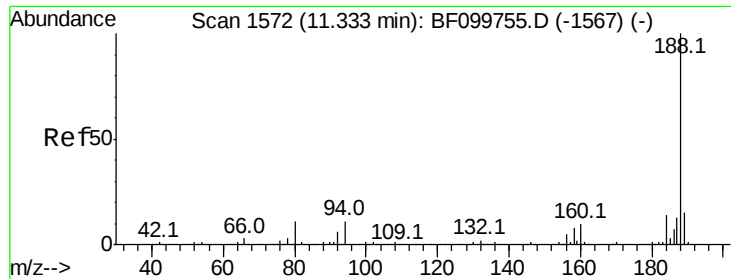
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	34.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.522 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Instrument :

BNA_F

ClientSampleId :

103117-SIDI-E-D-B

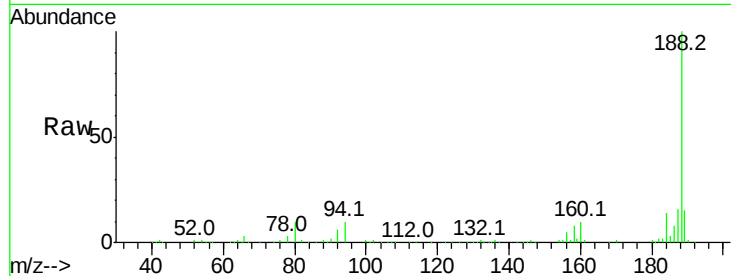
Tot Ion:188 Resp: 266872

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

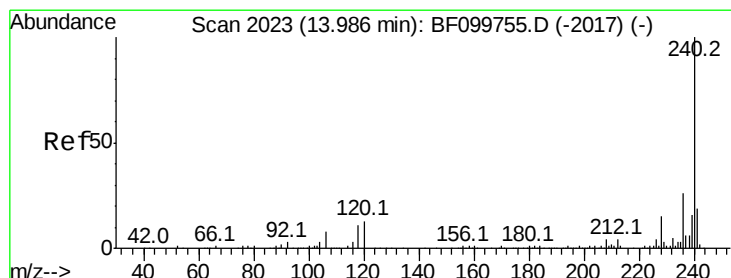
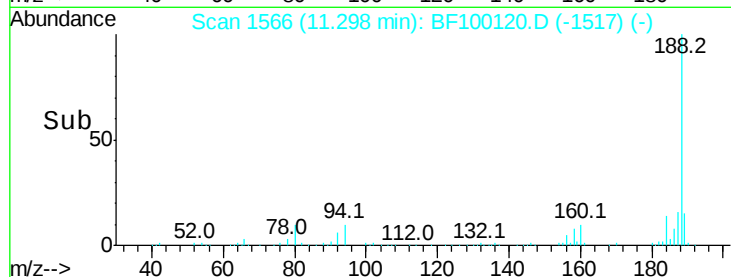
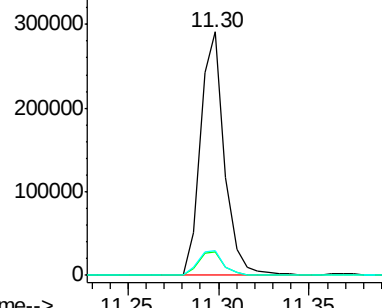
80 9.9 9.2 13.8



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: BF100120.D

Acq: 3 Nov 2017 8:09

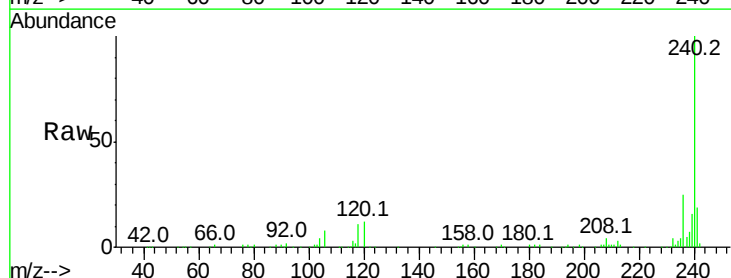
Tgt Ion:240 Resp: 163654

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

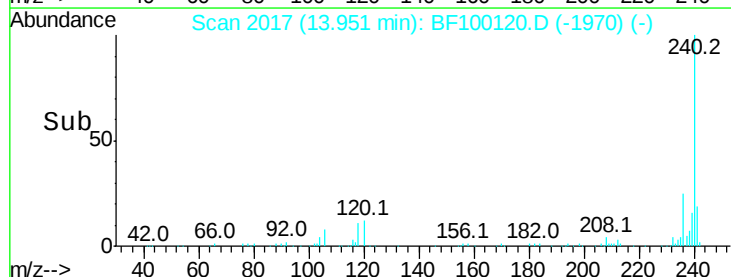
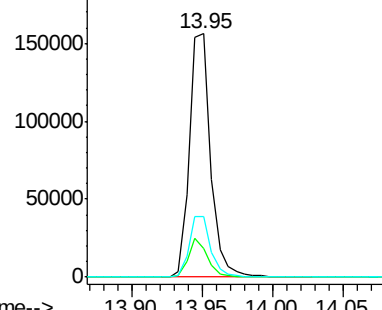
236 24.7 20.7 31.1

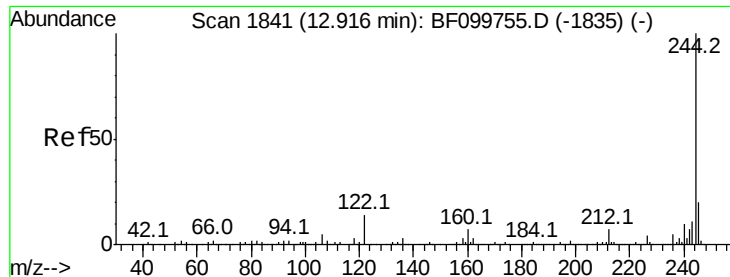


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.847 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Instrument :

BNA_F

ClientSampleId :

103117-SIDI-E-D-B

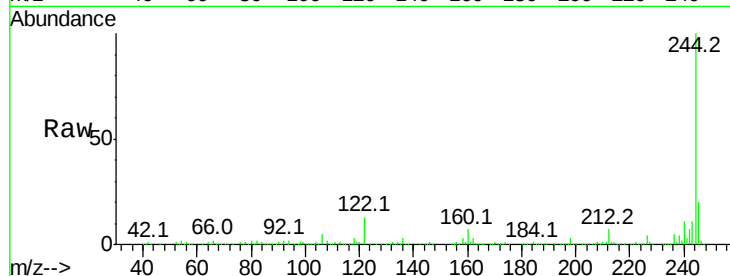
Tot Ion:244 Resp: 837580

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

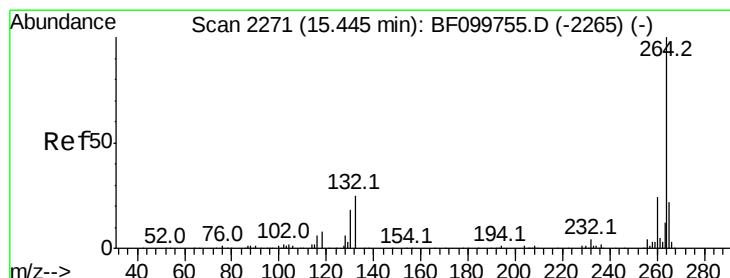
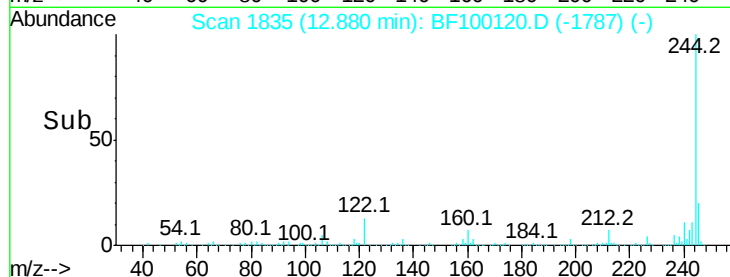
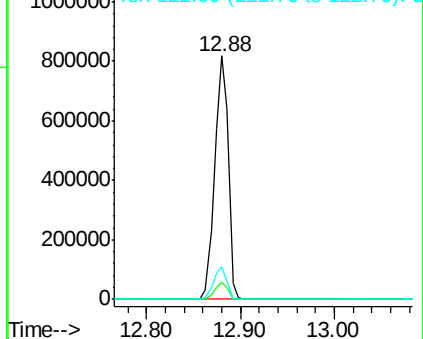
122 13.2 11.0 16.4



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: BF100120.D

Acq: 3 Nov 2017 8:09

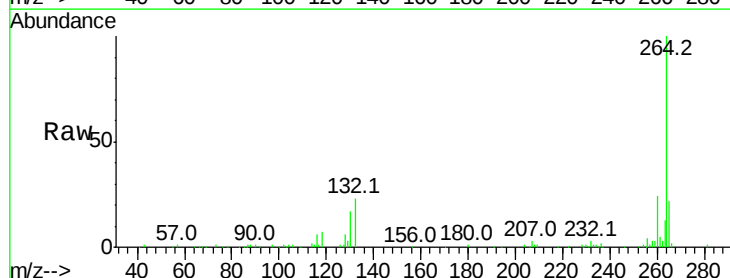
Tgt Ion:264 Resp: 129088

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

