

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100210.D
 Acq On : 5 Nov 2017 5:59
 Operator : SJ/JU
 Sample : I6327-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Nov 06 04:04:57 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	90164	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	383184	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	180219	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	313400	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	179301	20.00	ng	0.00
86) Perylene-d12	15.40	264	140185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	261862	45.60	ng	0.01
7) Phenol-d6	6.43	99	211573	31.07	ng	0.00
23) Nitrobenzene-d5	7.34	82	553110	92.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	149362	90.94	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1069416	91.55	ng	-0.01
78) Terphenyl-d14	12.87	244	903008	110.06	ng	-0.01

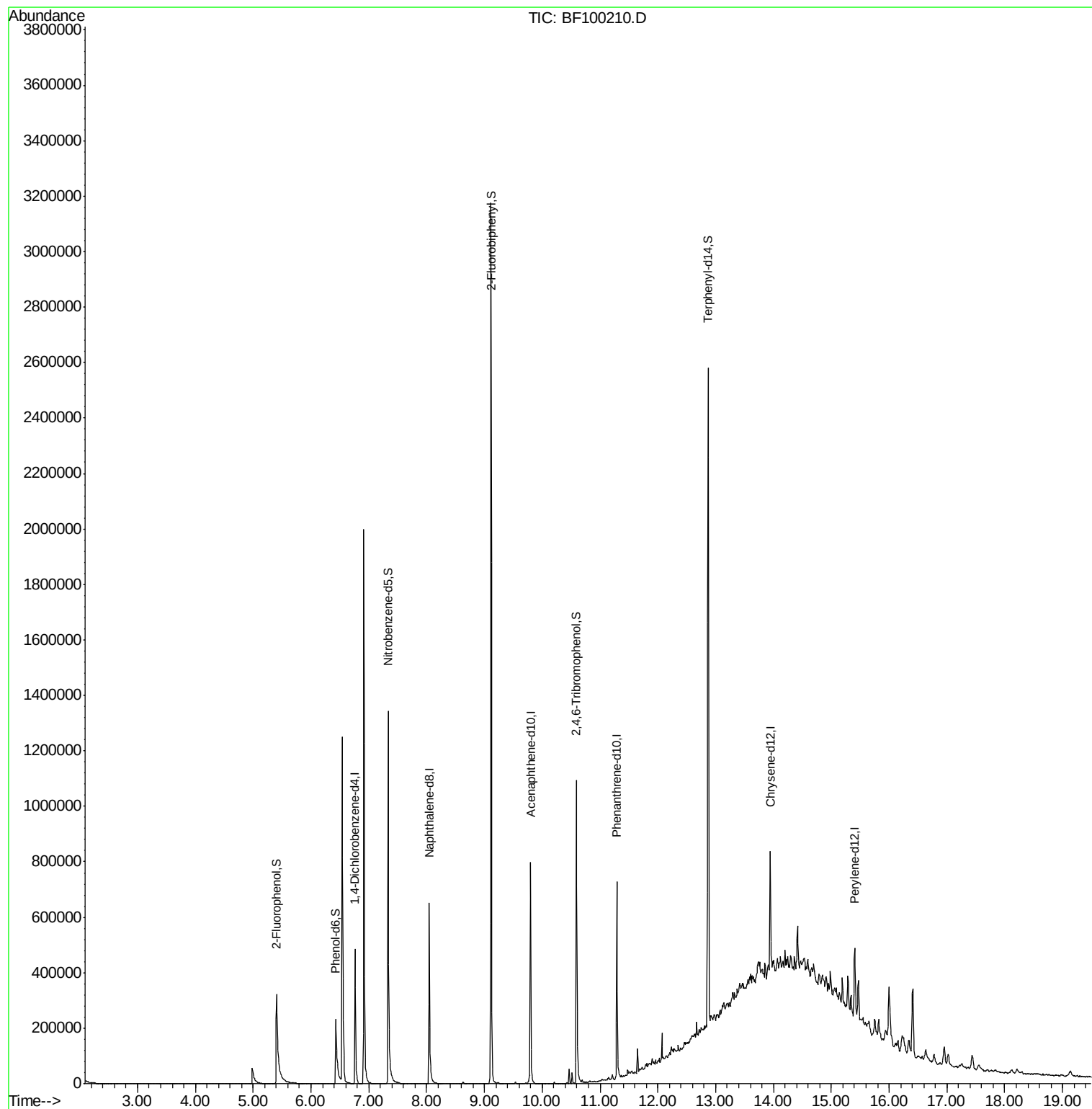
Target Compounds Qvalue

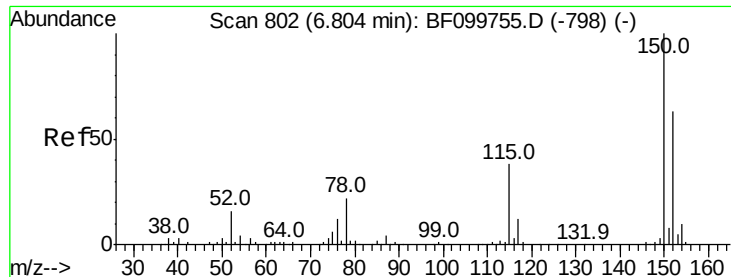
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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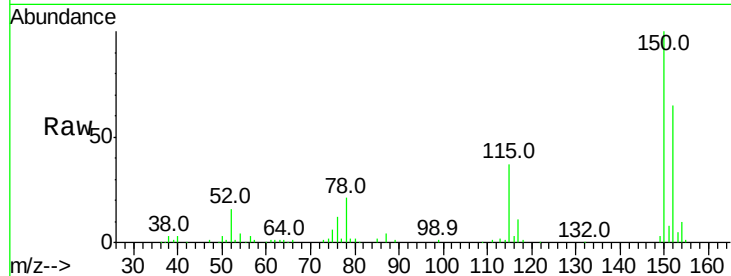


#1

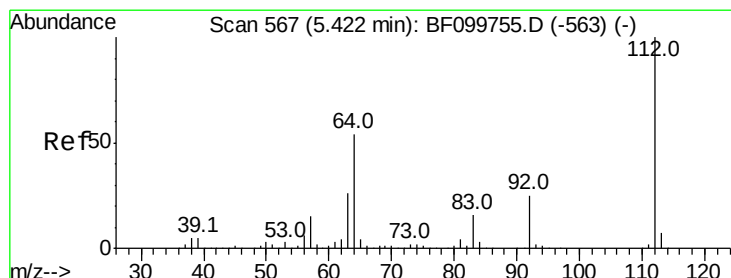
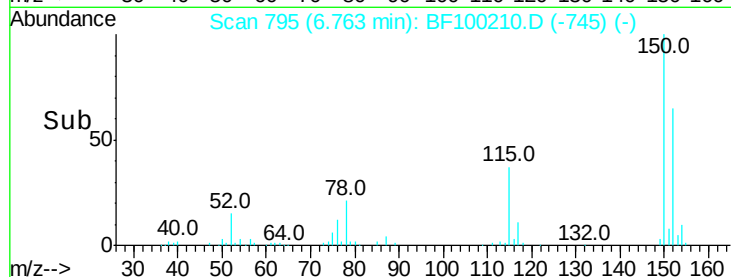
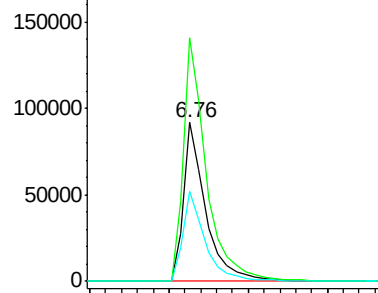
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

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

Tot Ion:152 Resp: 90164
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.6 186.8
 115 56.6 50.1 75.1



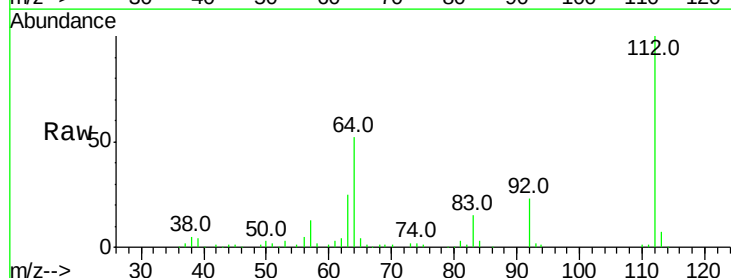
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



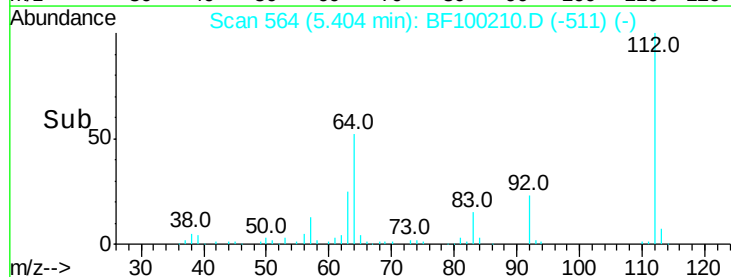
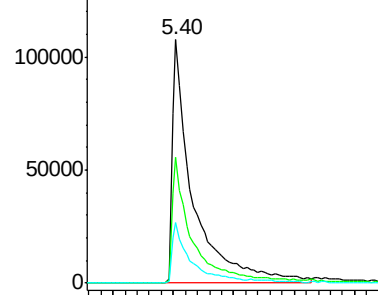
#5

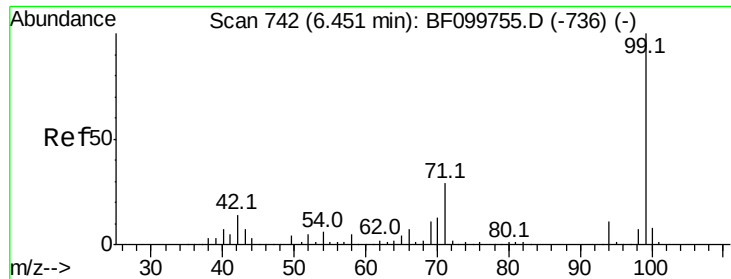
2-Fluorophenol
 Concen: 45.596 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Tgt Ion:112 Resp: 261862
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 24.6 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: 31.070 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

110217-SIDI-F-D-B

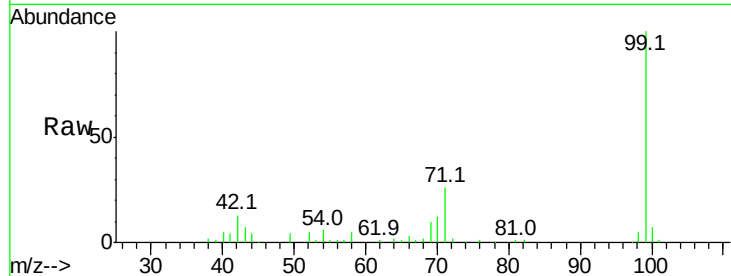
Tot Ion: 99 Resp: 211573

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

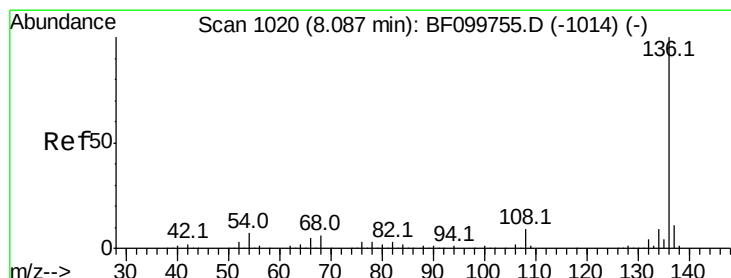
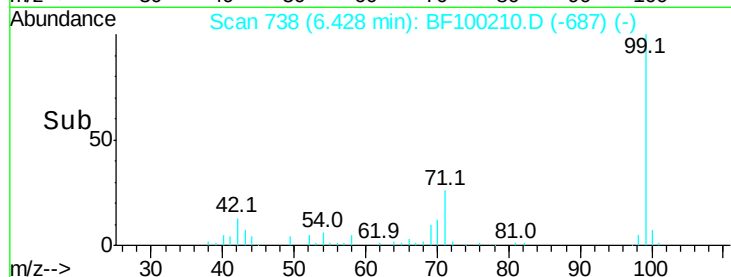
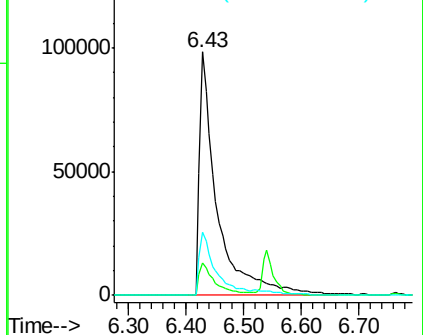
71 26.1 25.4 38.0



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: BF100210.D

Acq: 5 Nov 2017 5:59

Tgt Ion: 136 Resp: 383184

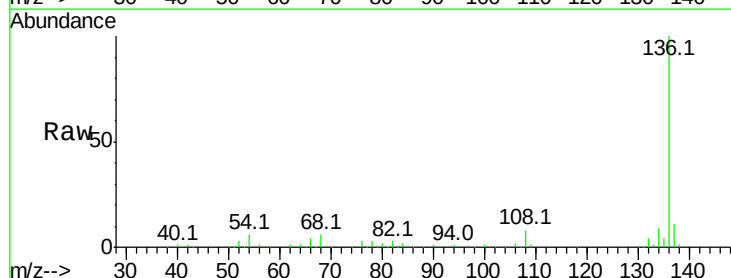
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.1 6.6 9.8#

68 5.6 5.0 7.4

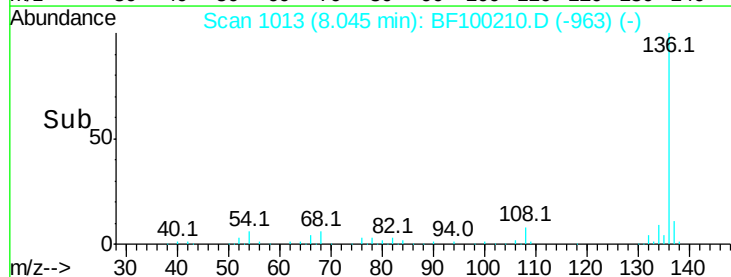
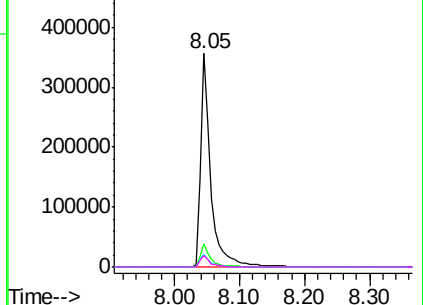


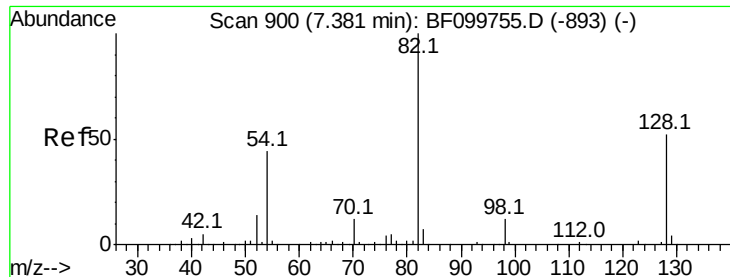
Abundance Ion 136.00 (135.70 to 136.70): E

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

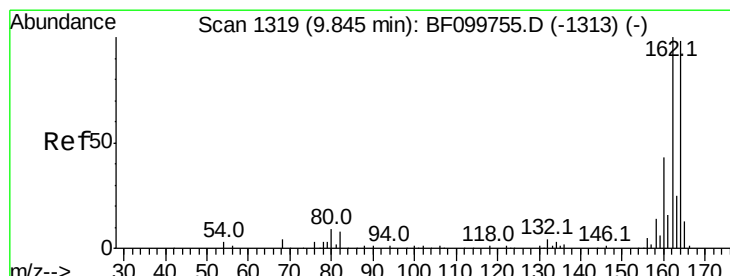
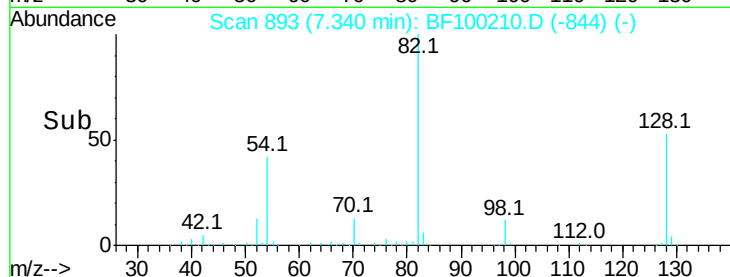
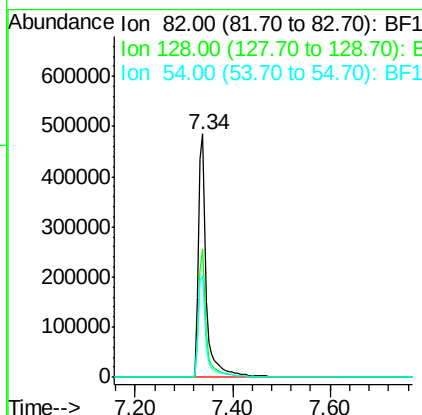
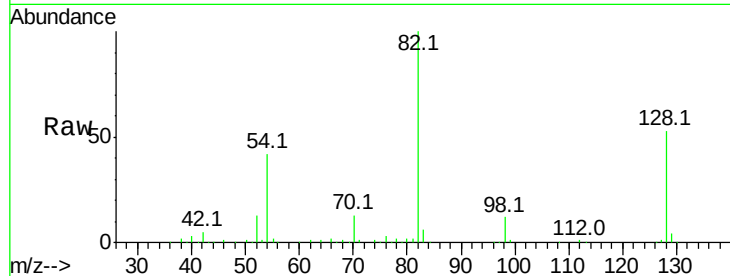




#23
Nitrobenzene-d5
Concen: 92.931 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

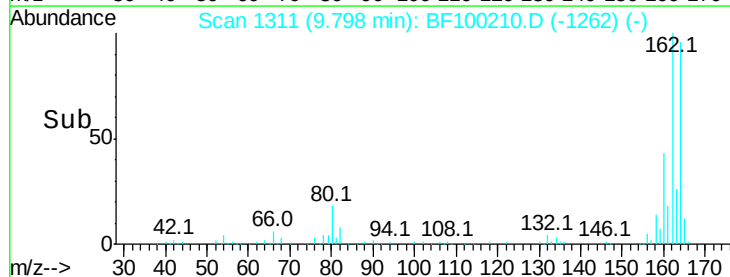
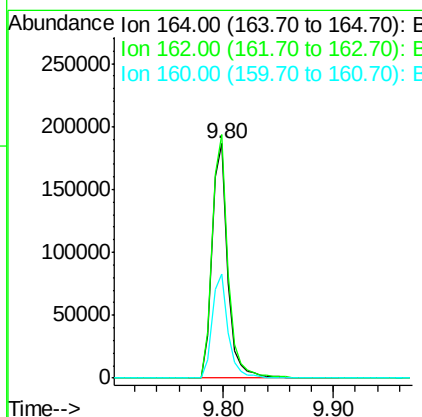
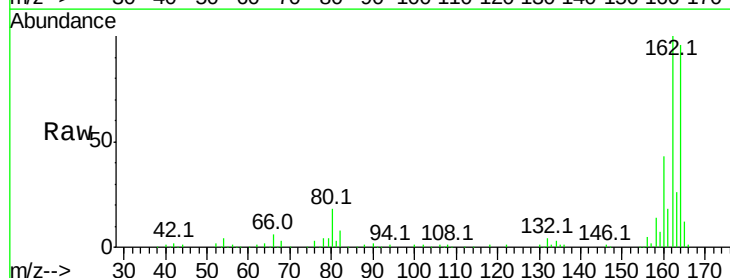
Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-B

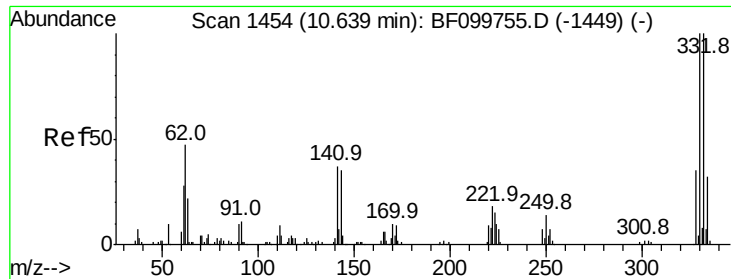
Tot Ion: 82 Resp: 553110
Ion Ratio Lower Upper
82 100
128 52.9 36.1 54.1
54 41.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

Tgt Ion: 164 Resp: 180219
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 44.4 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 90.943 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

110217-SIDI-F-D-B

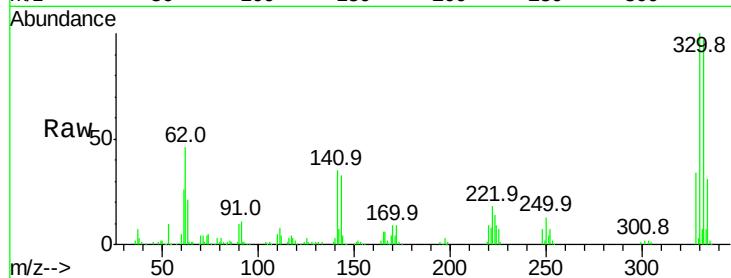
Tot Ion:330 Resp: 149362

Ion Ratio Lower Upper

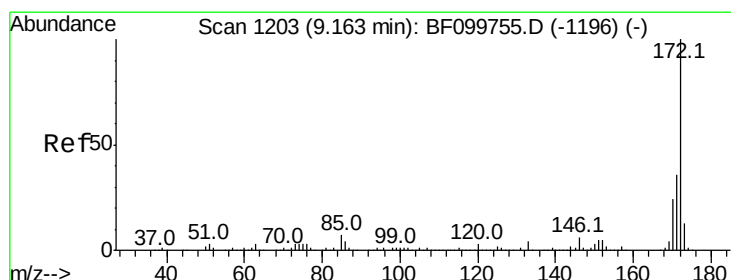
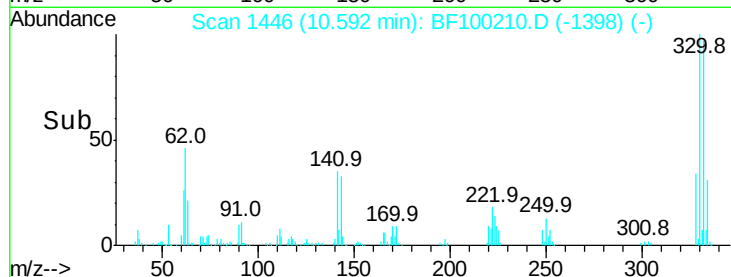
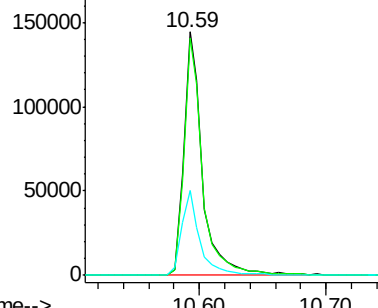
330 100

332 98.2 77.0 115.6

141 34.3 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: 91.552 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

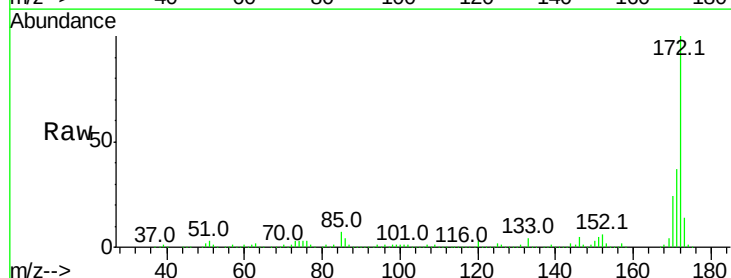
Tgt Ion:172 Resp: 1069416

Ion Ratio Lower Upper

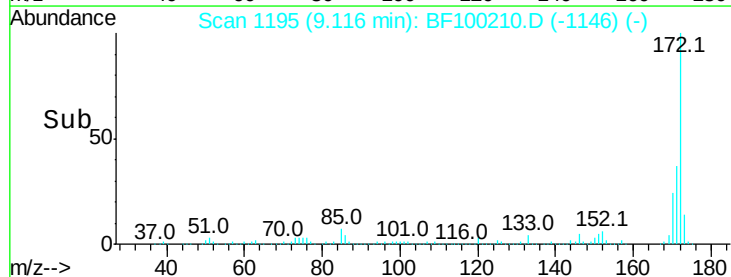
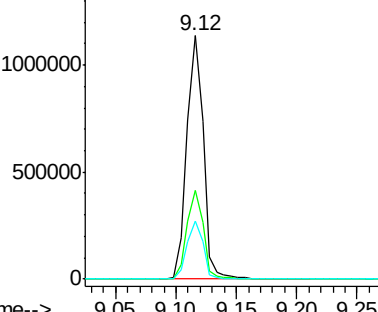
172 100

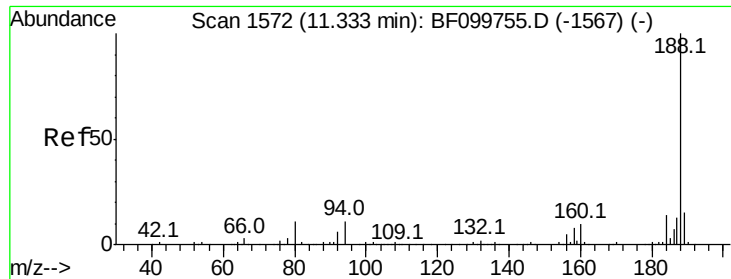
171 36.5 29.7 44.5

170 24.1 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

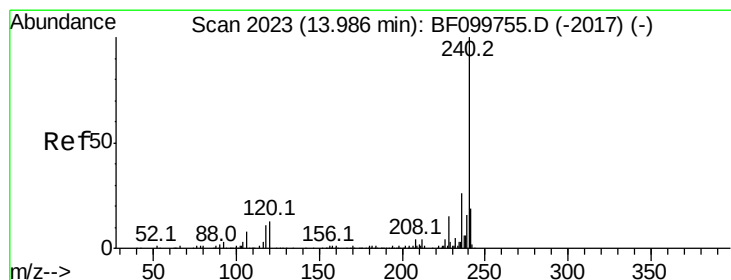
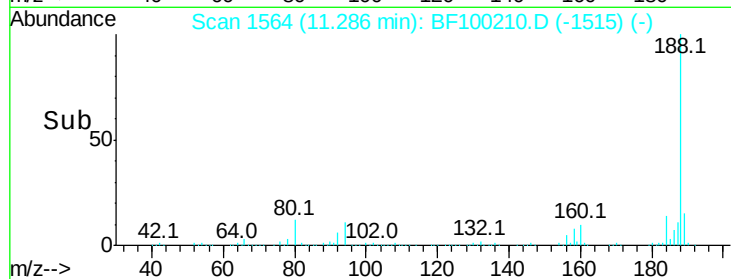
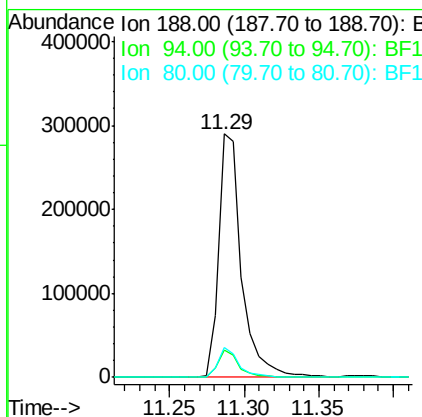
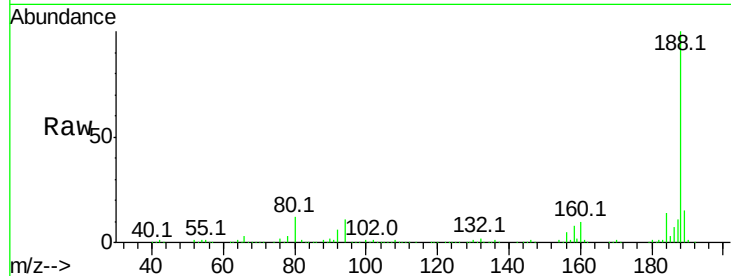




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

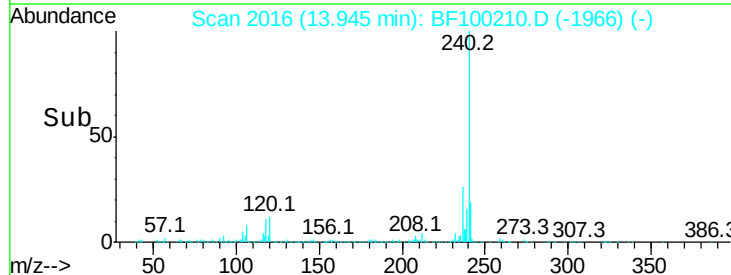
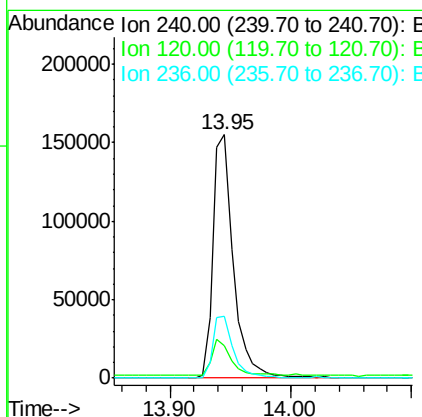
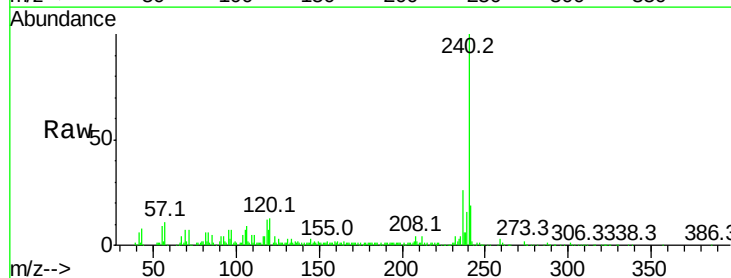
Instrument :
 BNA_F
 ClientSampleId :
 110217-SIDI-F-D-B

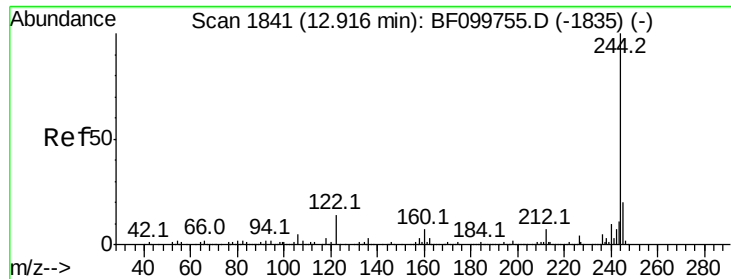
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.6	20.7	31.1





#78

Terphenyl-d14

Concen: 110.061 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

110217-SIDI-F-D-B

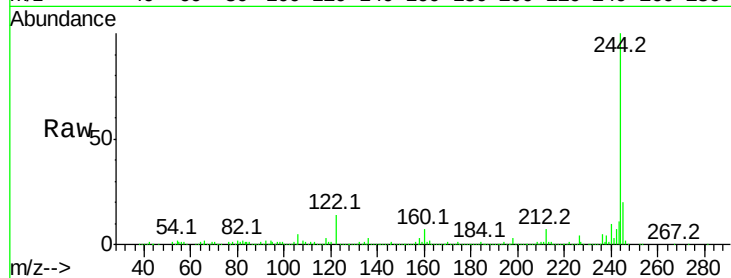
Tot Ion:244 Resp: 903008

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

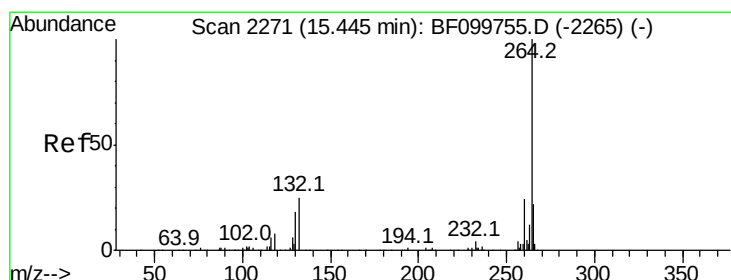
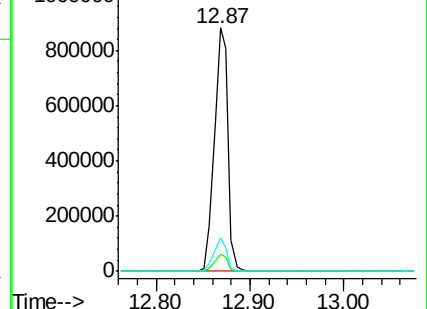
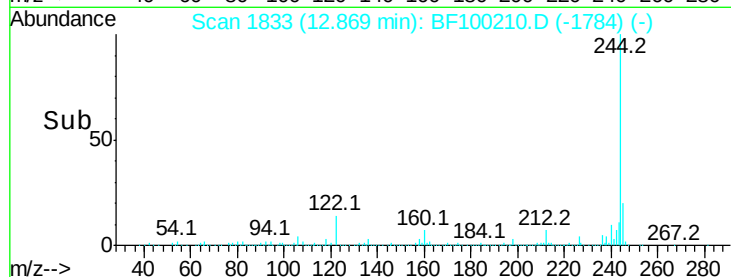
122 14.0 11.0 16.4



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# 2264

Delta R.T. -0.01 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

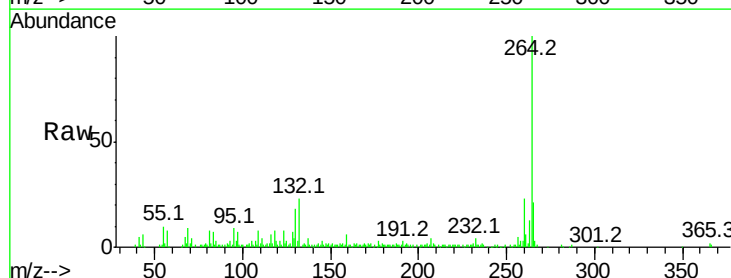
Tgt Ion:264 Resp: 140185

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

