

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099986.D
 Acq On : 31 Oct 2017 3:45
 Operator : SJ/JU
 Sample : I6083-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102017-SIDI-F-D-M

Quant Time: Oct 31 04:40:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79440	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	325064	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	148284	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	257820	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	170293	20.00	ng	-0.01
86) Perylene-d12	15.47	264	148669	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	211842	41.87	ng	0.00
7) Phenol-d6	6.43	99	156332	26.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	436657	86.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	116986	86.57	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	868230	90.34	ng	-0.01
78) Terphenyl-d14	12.91	244	780537	100.17	ng	-0.01

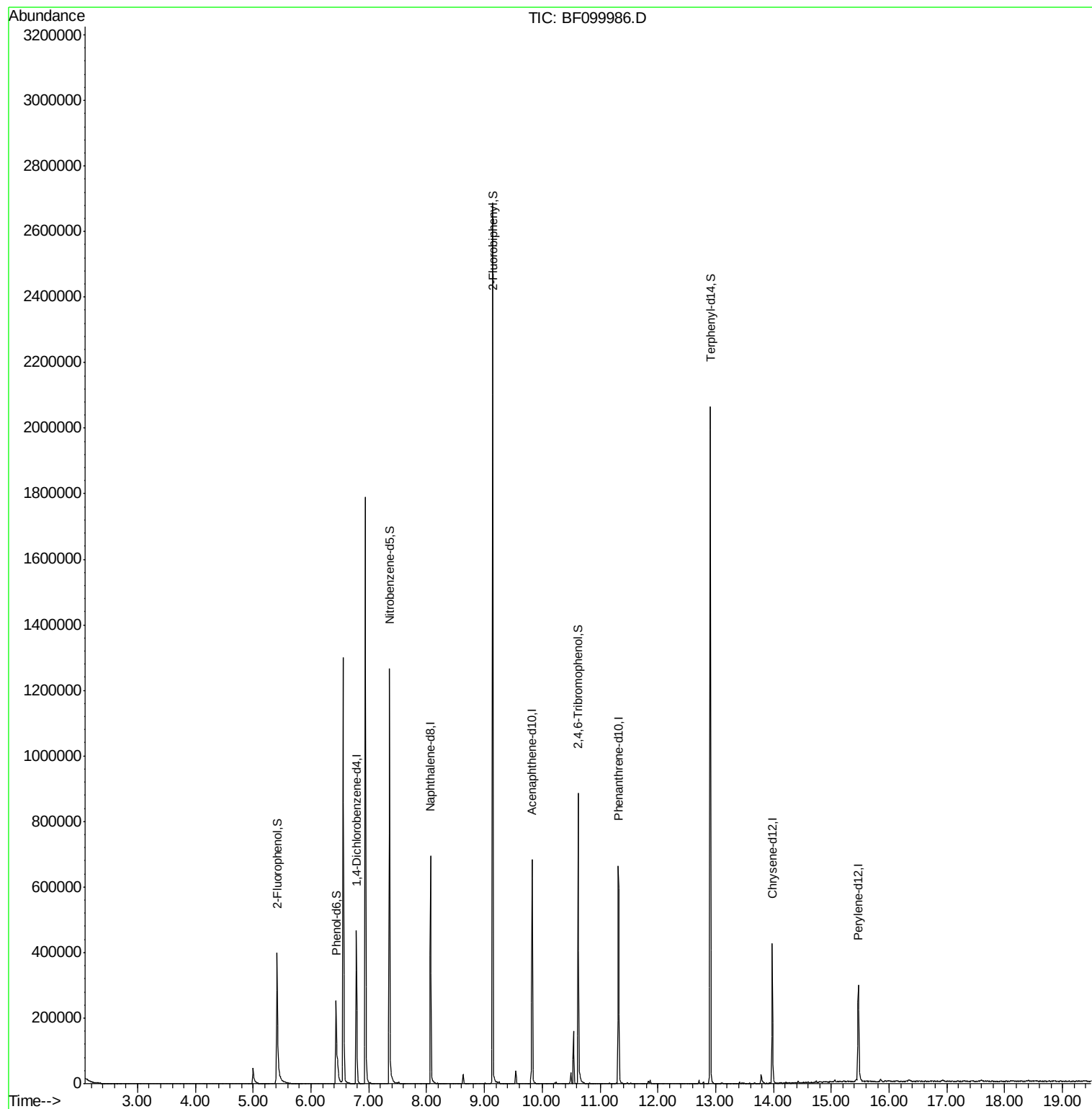
Target Compounds Qvalue

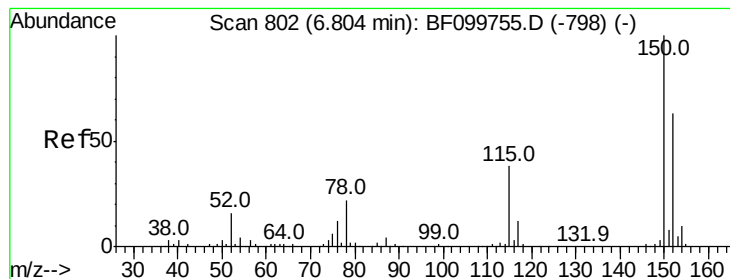
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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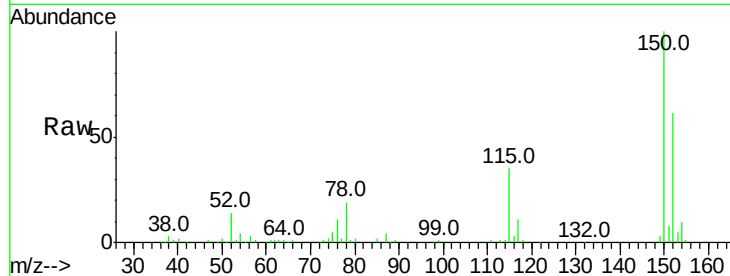


#1

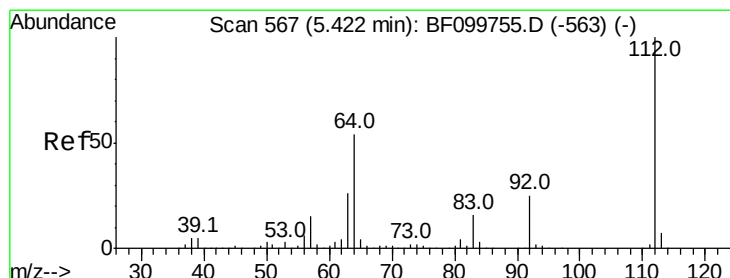
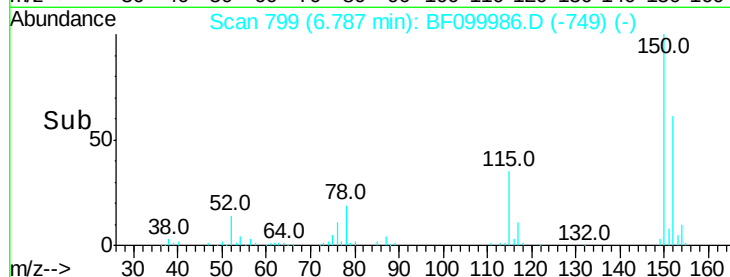
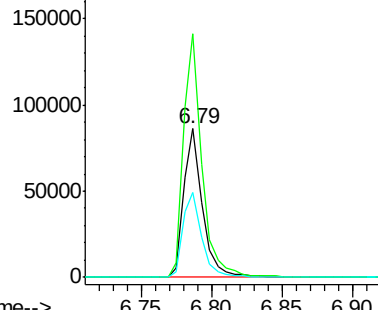
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099986.D
Acq: 31 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
102017-SIDI-F-D-M

Tot Ion:152 Resp: 79440
Ion Ratio Lower Upper
152 100
150 163.6 124.6 186.8
115 57.4 50.1 75.1



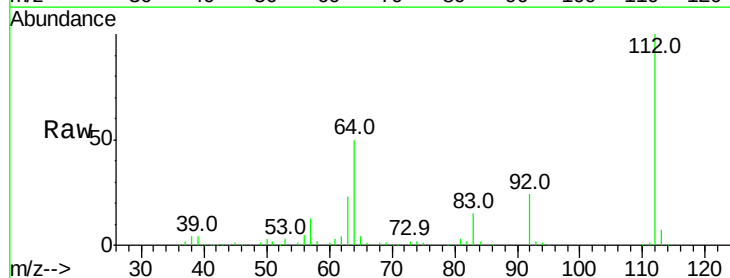
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



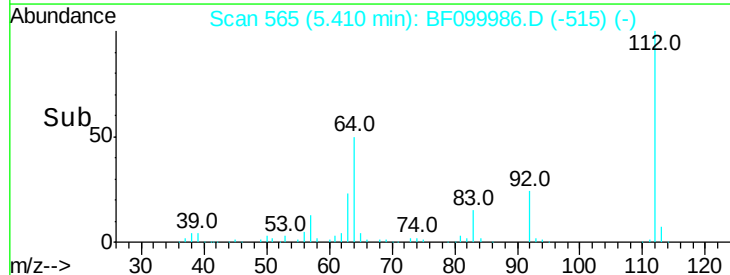
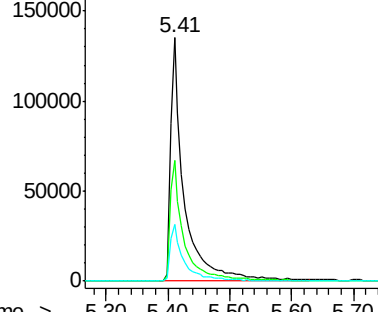
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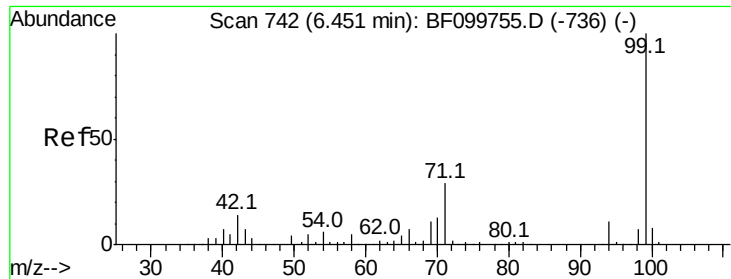
2-Fluorophenol
Concen: 41.866 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099986.D
Acq: 31 Oct 2017 3:45

Tgt Ion:112 Resp: 211842
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 23.4 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.057 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099986.D

Acq: 31 Oct 2017 3:45

Instrument :

BNA_F

ClientSampleId :

102017-SIDI-F-D-M

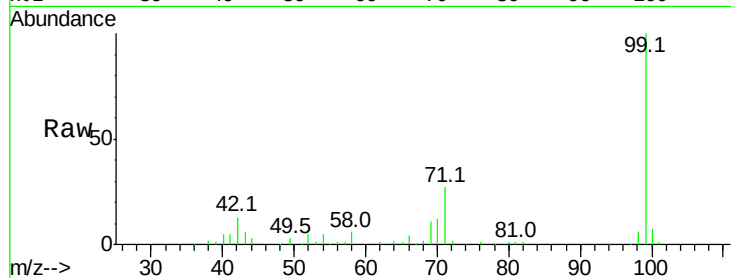
Tot Ion: 99 Resp: 156332

Ion Ratio Lower Upper

99 100

42 12.6 14.5 21.7#

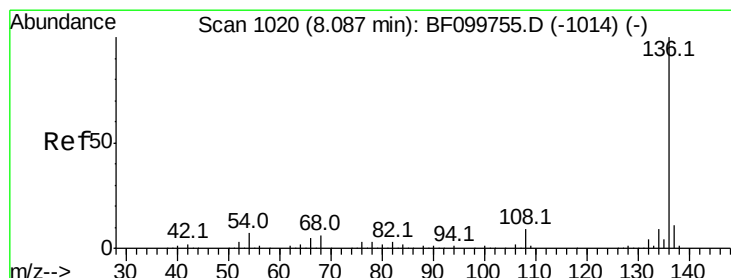
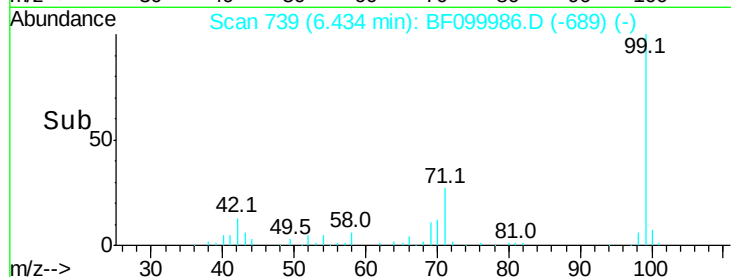
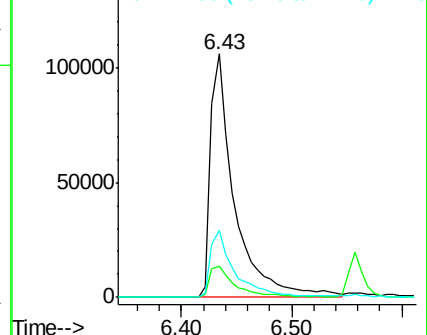
71 27.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099986.D

Acq: 31 Oct 2017 3:45

Tgt Ion: 136 Resp: 325064

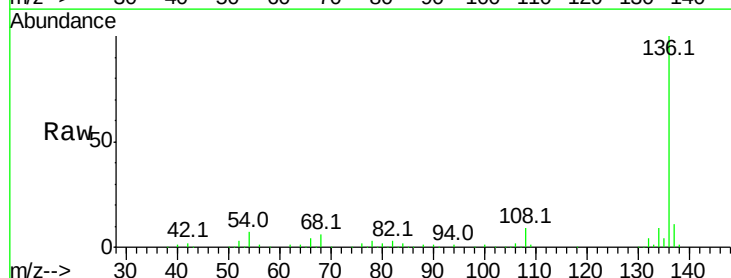
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

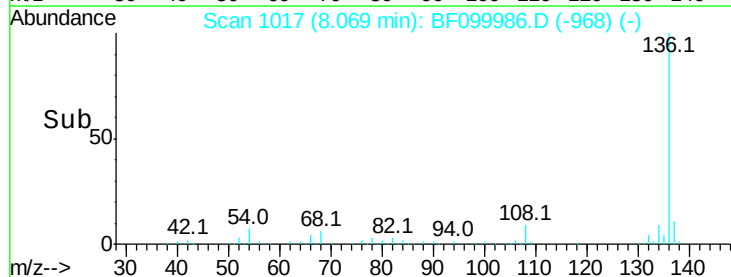
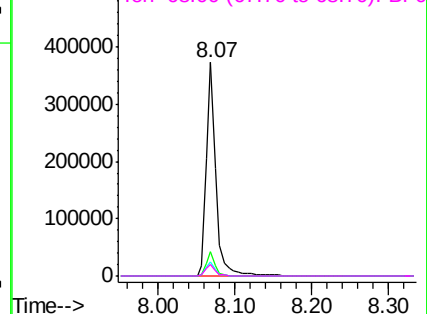


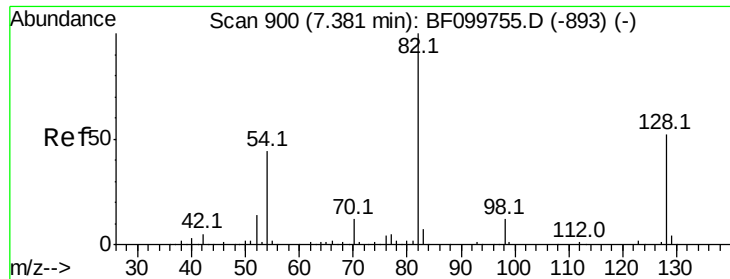
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

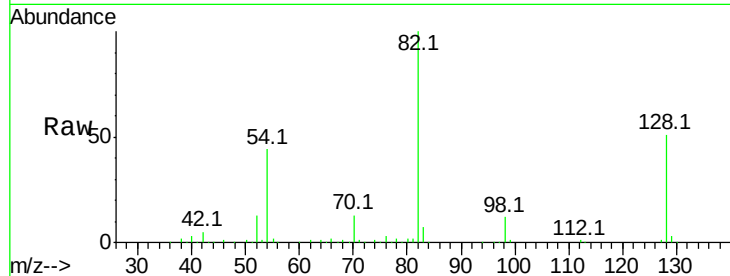




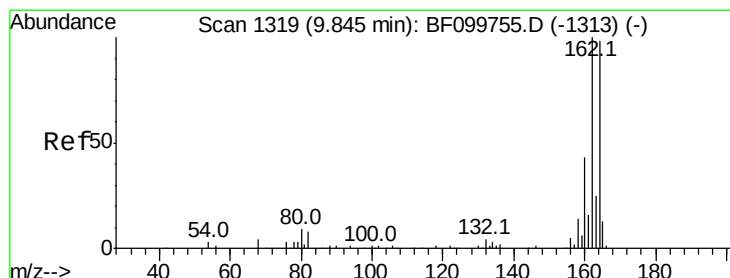
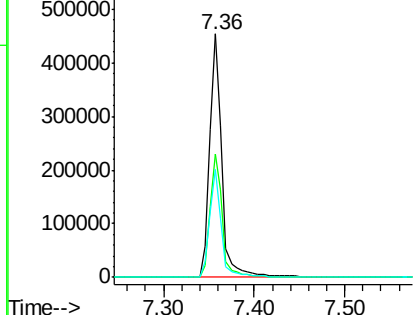
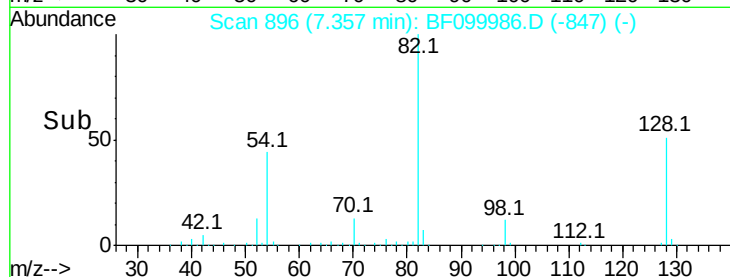
#23
Nitrobenzene-d5
Concen: 86.482 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099986.D
Acq: 31 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
102017-SIDI-F-D-M

Tot Ion: 82 Resp: 436657
Ion Ratio Lower Upper
82 100
128 50.9 36.1 54.1
54 44.1 41.4 62.2

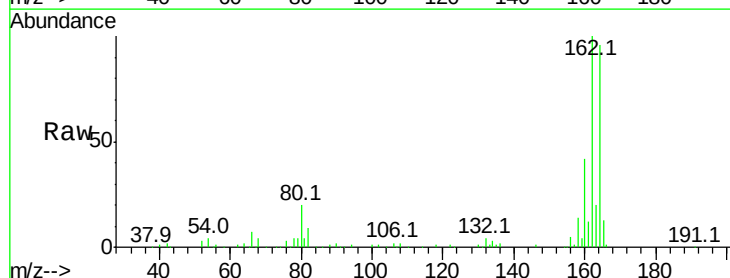


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

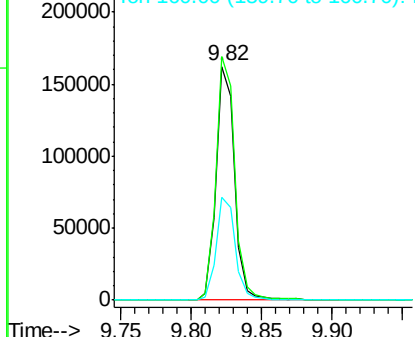
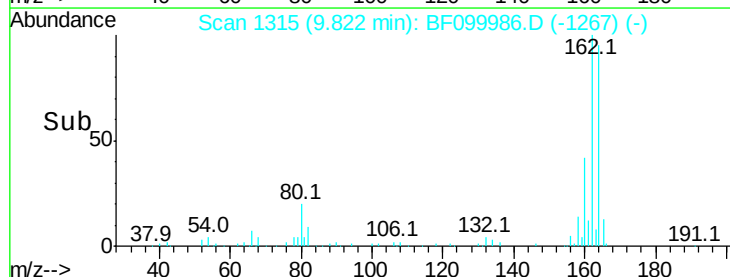


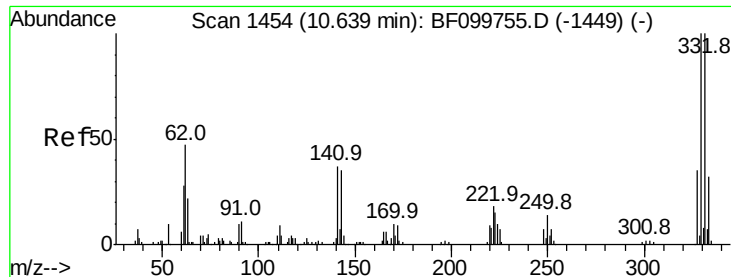
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099986.D
Acq: 31 Oct 2017 3:45

Tgt Ion:164 Resp: 148284
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 43.8 38.3 57.5



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

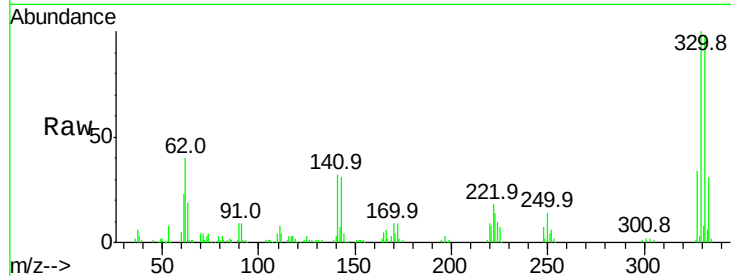




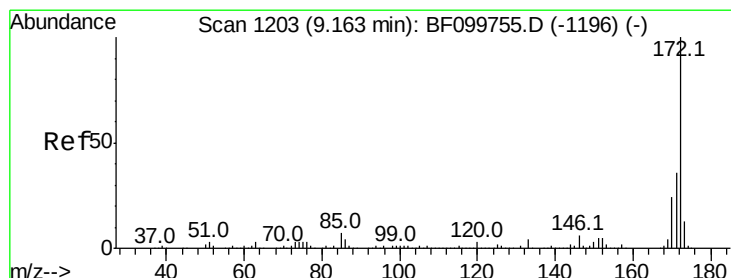
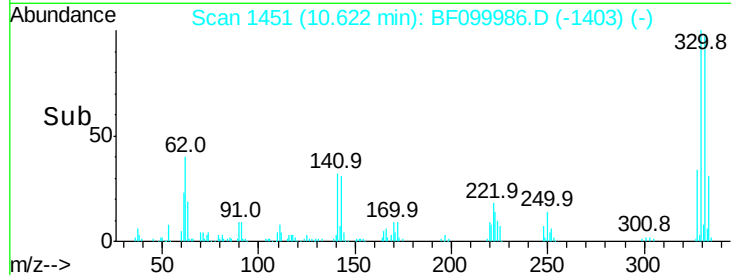
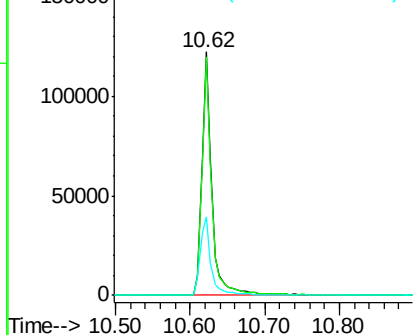
#41
 2,4,6-Tribromophenol
 Concen: 86.571 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099986.D
 Acq: 31 Oct 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 102017-SIDI-F-D-M

Tot Ion:330 Resp: 116986
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.5 29.9 44.9

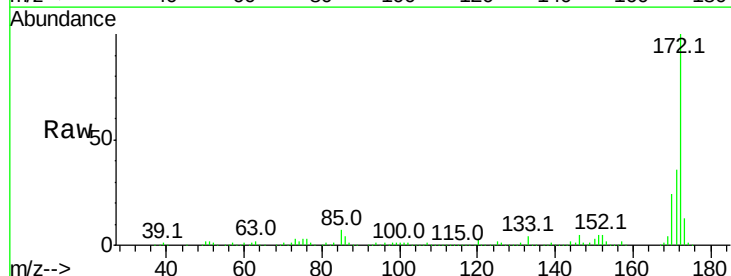


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

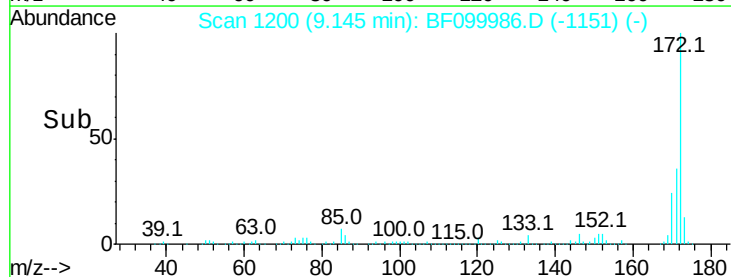
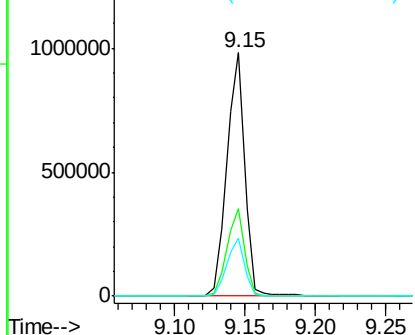


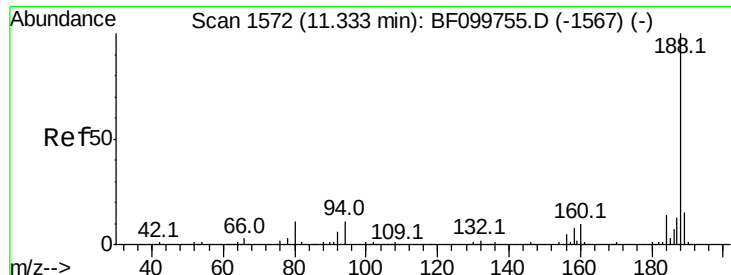
#44
 2-Fluorobiphenyl
 Concen: 90.336 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099986.D
 Acq: 31 Oct 2017 3:45

Tgt Ion:172 Resp: 868230
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 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

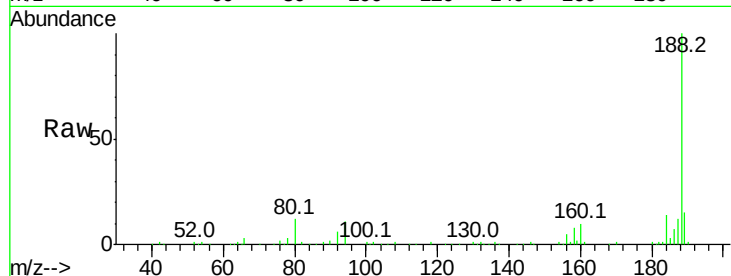




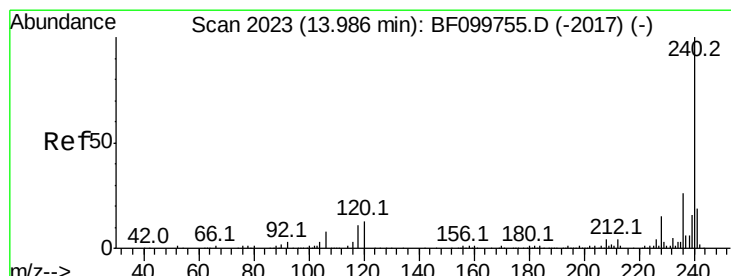
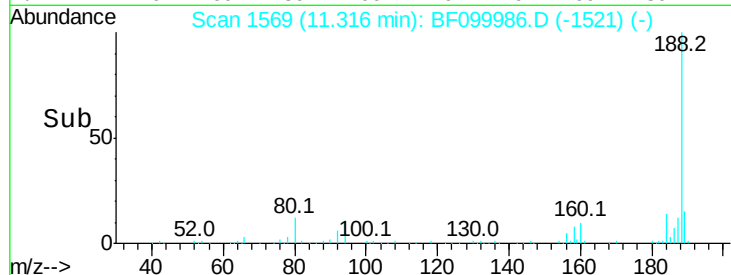
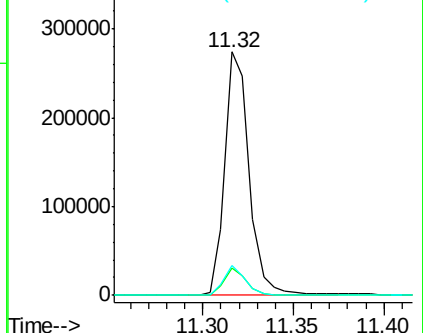
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099986.D
Acq: 31 Oct 2017 3:45

Instrument :
BNA_F
ClientSampleId :
102017-SIDI-F-D-M

Tot Ion:188 Resp: 257820
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.2 9.2 13.8

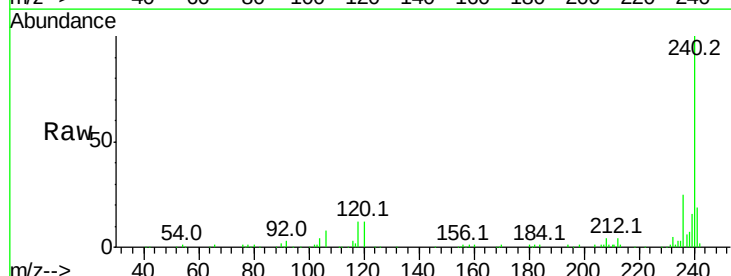


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

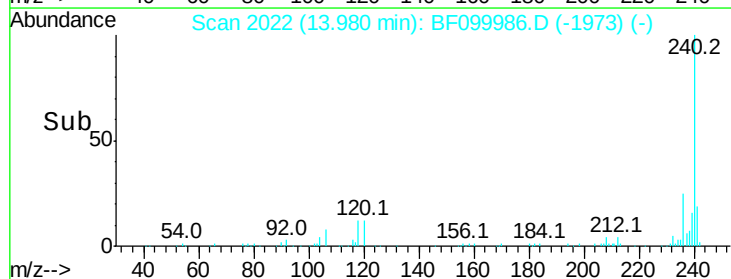
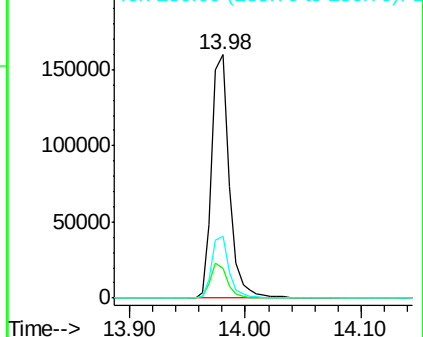


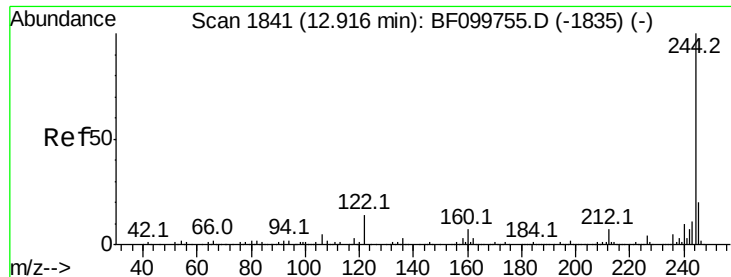
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099986.D
Acq: 31 Oct 2017 3:45

Tgt Ion:240 Resp: 170293
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.2 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

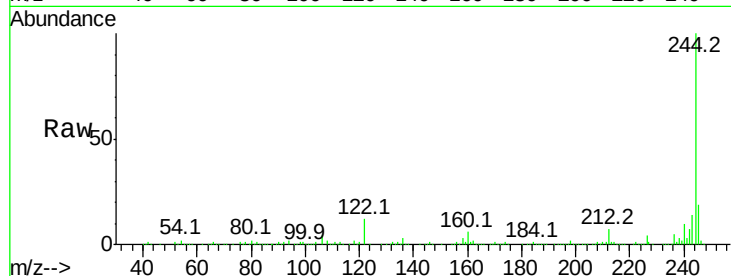




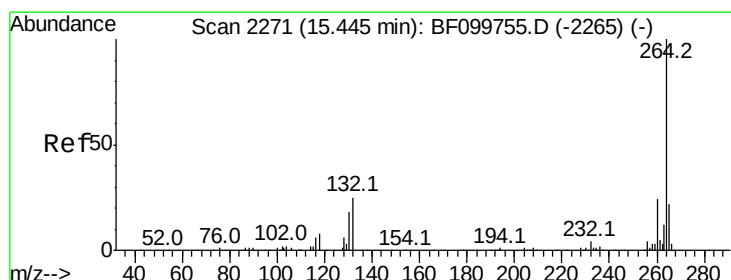
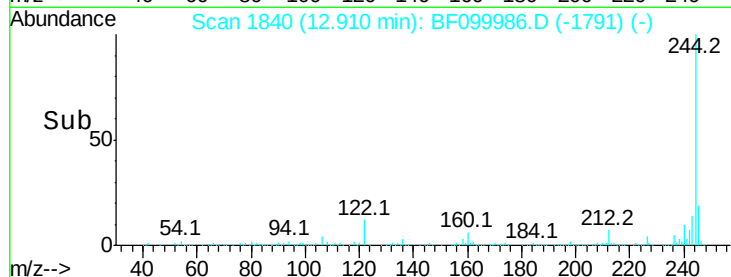
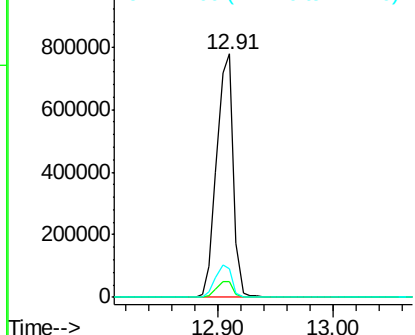
#78
 Terphenyl-d14
 Concen: 100.166 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099986.D
 Acq: 31 Oct 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 102017-SIDI-F-D-M

Tot Ion:244 Resp: 780537
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.8 11.0 16.4

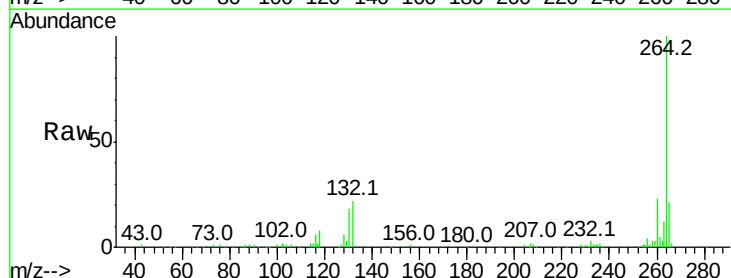


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF099986.D
 Acq: 31 Oct 2017 3:45

Tgt Ion:264 Resp: 148669
 Ion Ratio Lower Upper
 264 100
 260 22.9 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

