

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099989.D
 Acq On : 31 Oct 2017 5:01
 Operator : SJ/JU
 Sample : I6083-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Oct 31 05:31:50 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

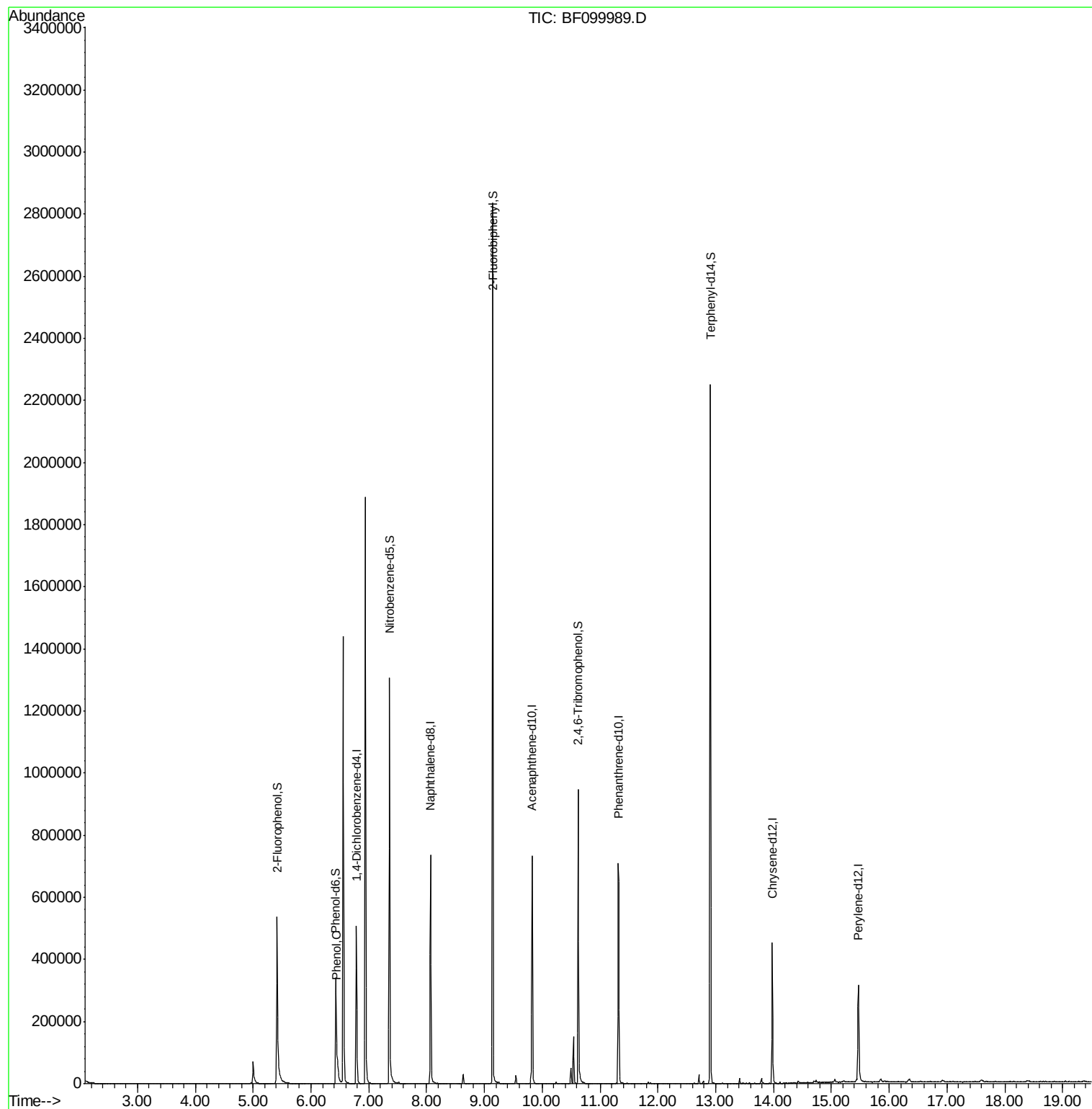
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	85569	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350874	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	158188	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	282731	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	181793	20.00	ng	-0.01
86) Perylene-d12	15.47	264	157475	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	257342	47.22	ng	0.00
7) Phenol-d6	6.43	99	196126	30.35	ng	-0.01
23) Nitrobenzene-d5	7.36	82	478132	87.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	126654	87.86	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	931697	90.87	ng	-0.01
78) Terphenyl-d14	12.91	244	846200	101.72	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	14403	2.030	ng	Qvalue # 76

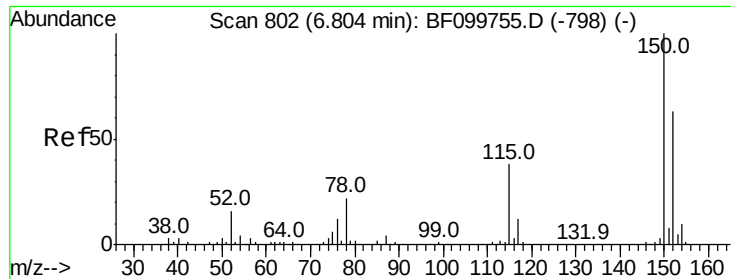
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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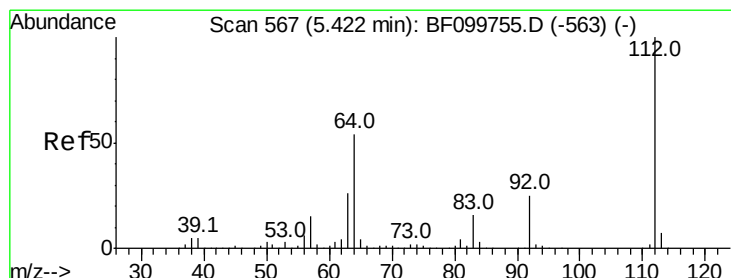
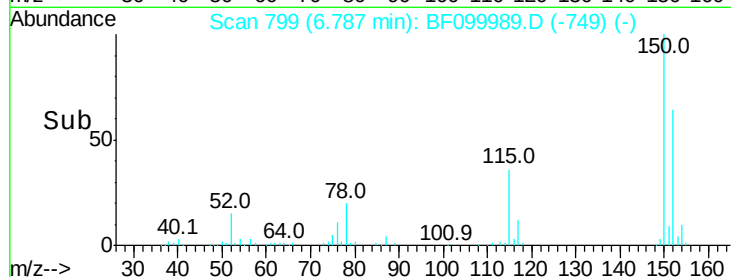
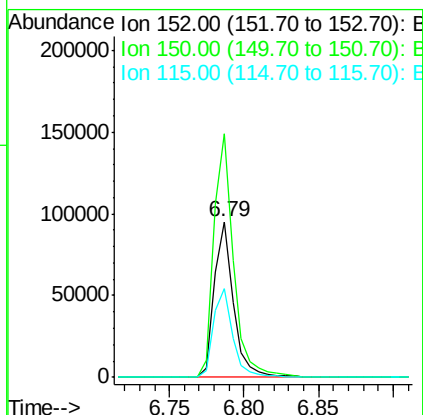
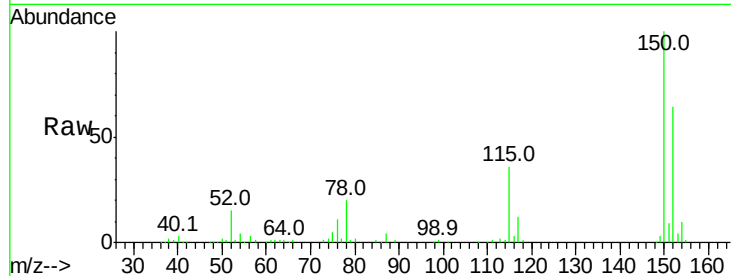


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

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

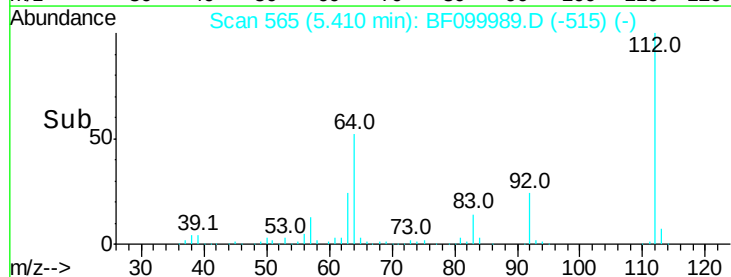
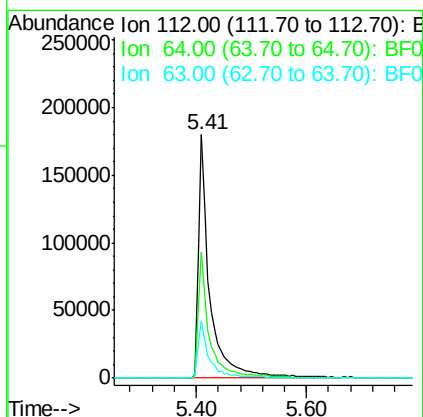
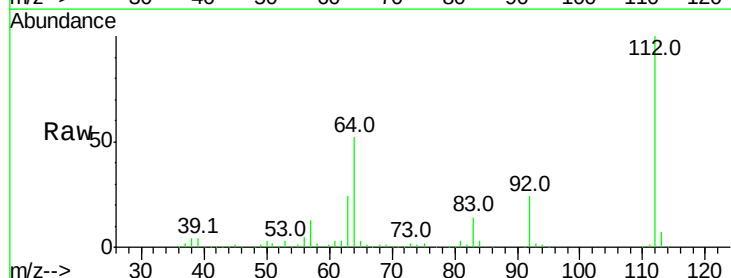
Tot Ion:152 Resp: 85569
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 56.8 50.1 75.1

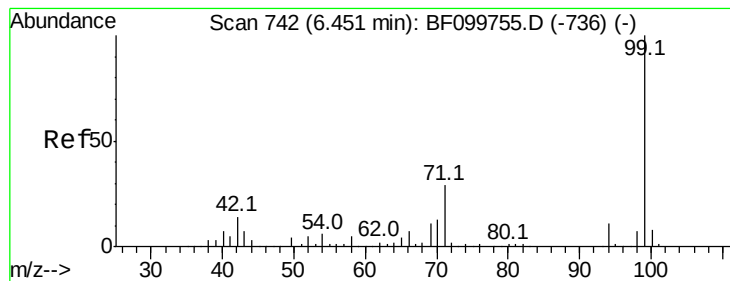


#5

2-Fluorophenol
Concen: 47.215 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Tgt Ion:112 Resp: 257342
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 23.5 23.7 35.5#





#7

Phenol-d6

Concen: 30.348 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

Instrument :

BNA_F

ClientSampleId :

102017-SIDI-F-U-M

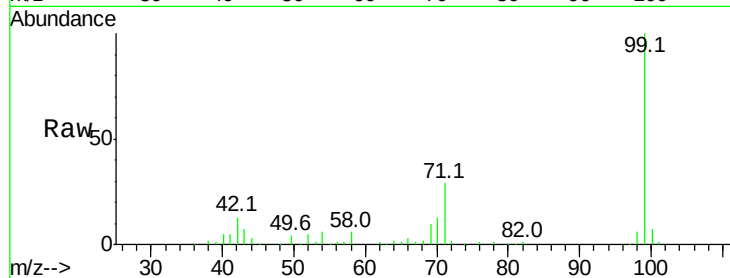
Tot Ion: 99 Resp: 196126

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

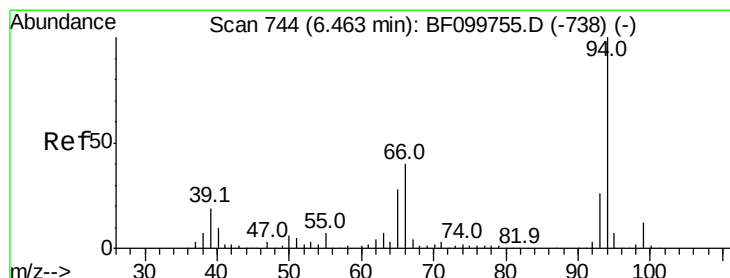
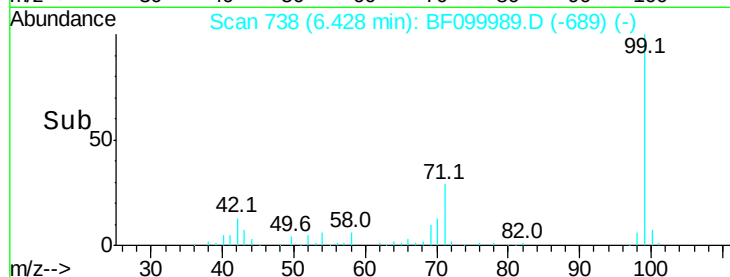
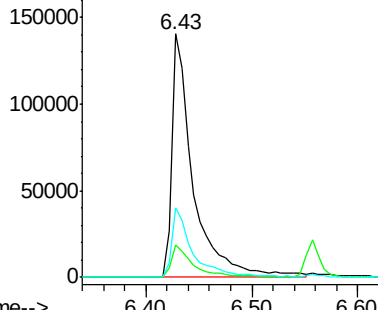
71 28.7 25.4 38.0



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



#10

Phenol

Concen: 2.030 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

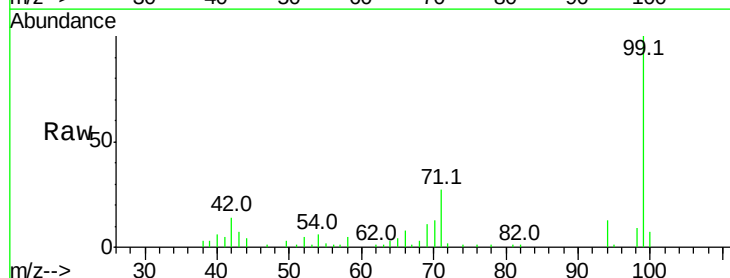
Tgt Ion: 94 Resp: 14403

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

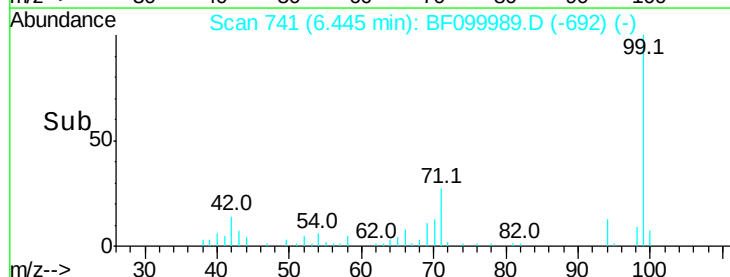
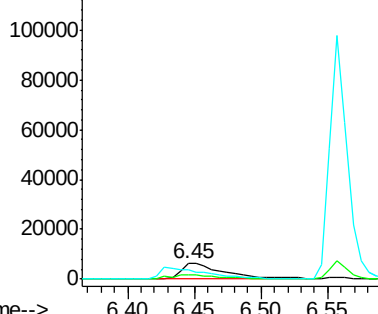
66 60.4 16.2 56.2#

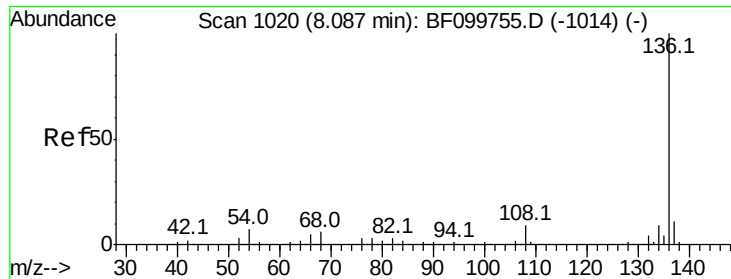


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

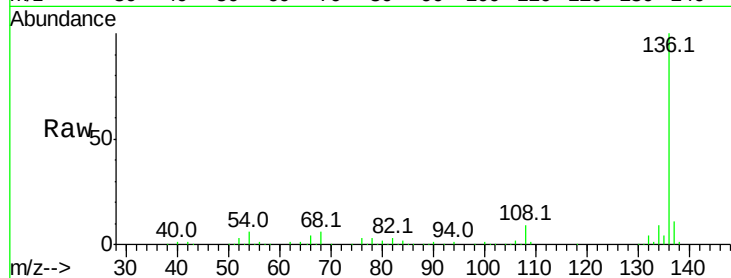




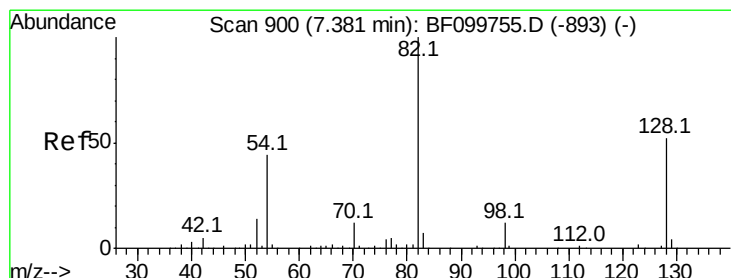
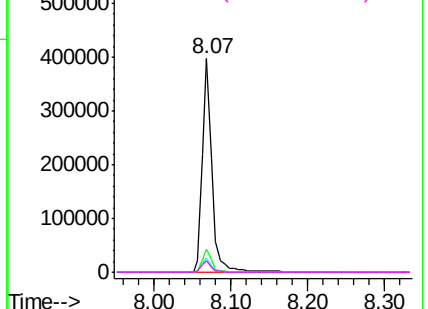
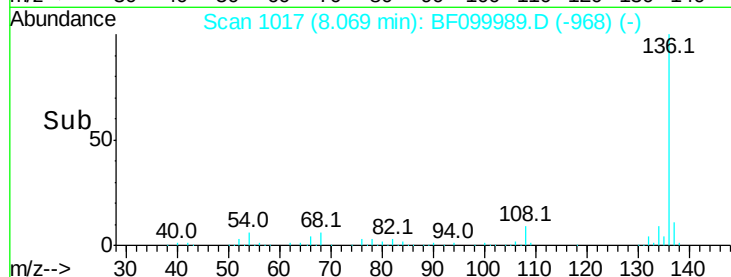
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Instrument :
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102017-SIDI-F-U-M

Tot Ion:	136	Resp:	350874
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

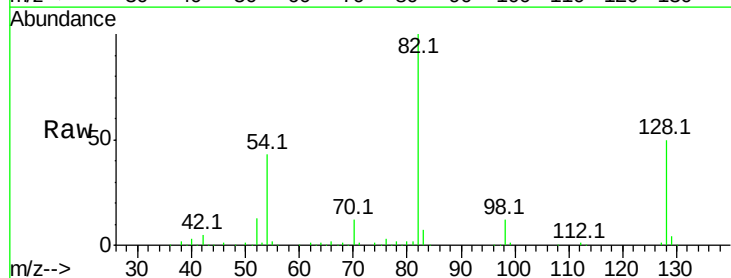


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

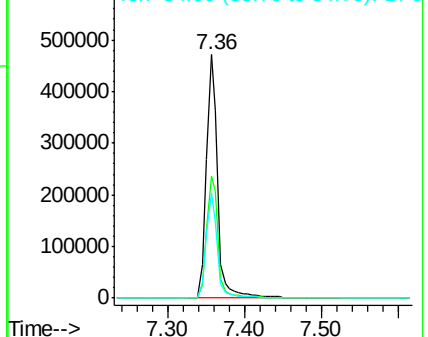
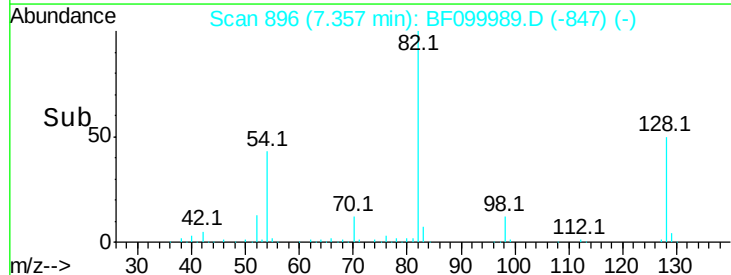


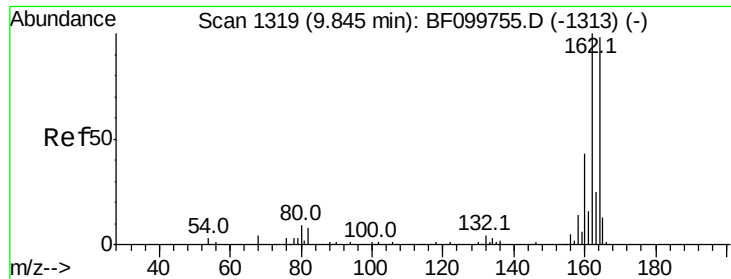
#23
Nitrobenzene-d5
Concen: 87.731 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Tgt Ion:	82	Resp:	478132
Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	43.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
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: BF099989.D

Acq: 31 Oct 2017 5:01

Instrument :

BNA_F

ClientSampleId :

102017-SIDI-F-U-M

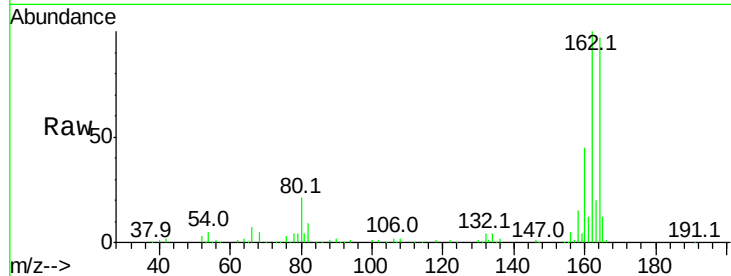
Tot Ion:164 Resp: 158188

Ion Ratio Lower Upper

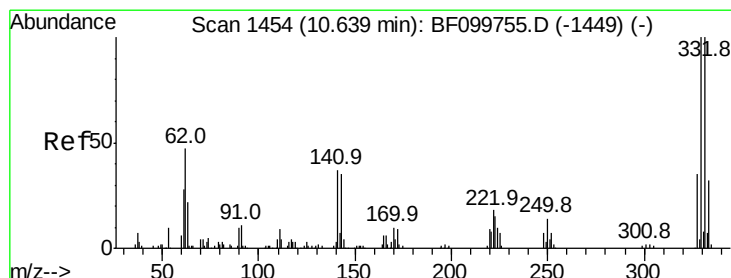
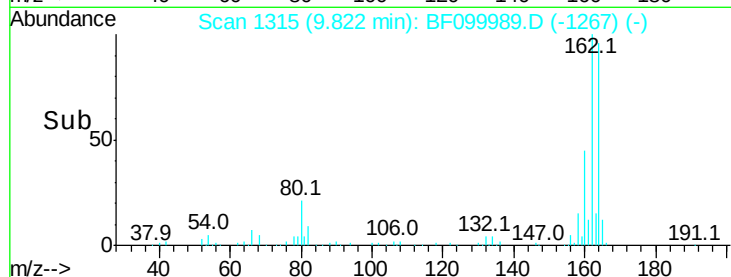
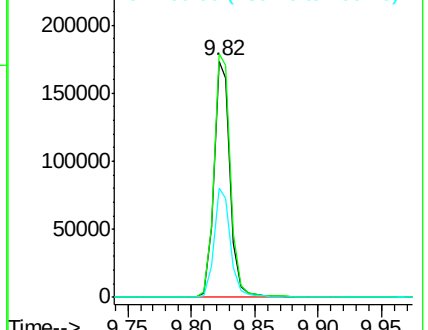
164 100

162 103.2 86.1 129.1

160 46.1 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: 87.857 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

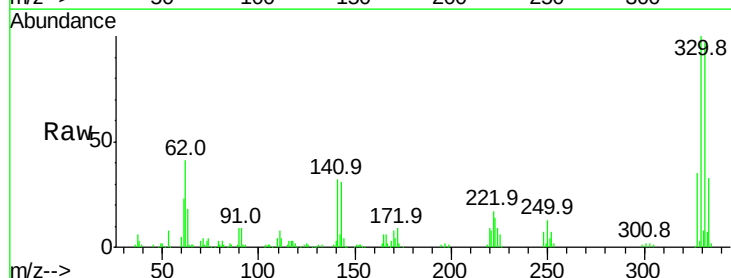
Tgt Ion:330 Resp: 126654

Ion Ratio Lower Upper

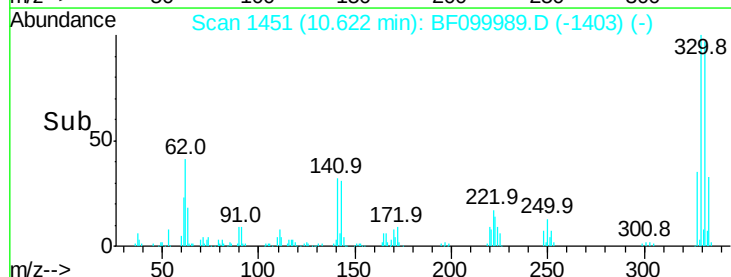
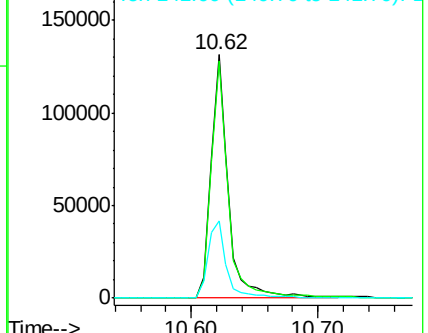
330 100

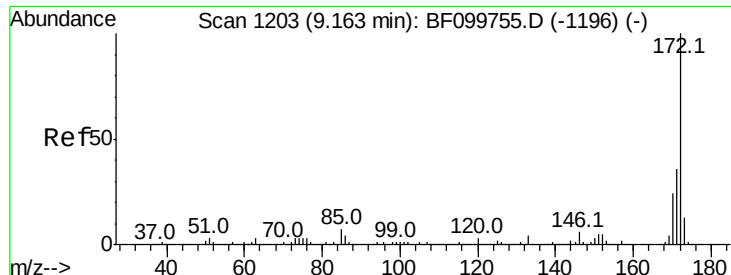
332 98.2 77.0 115.6

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

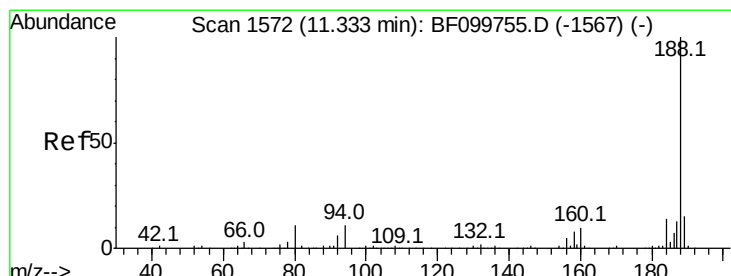
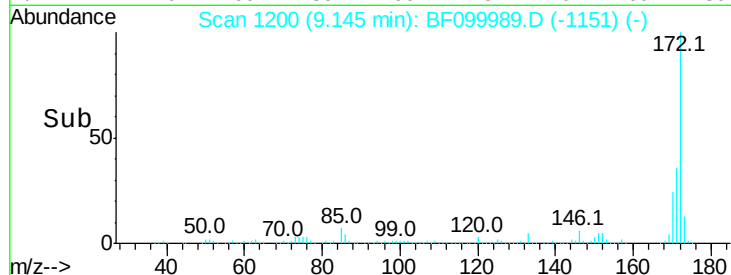
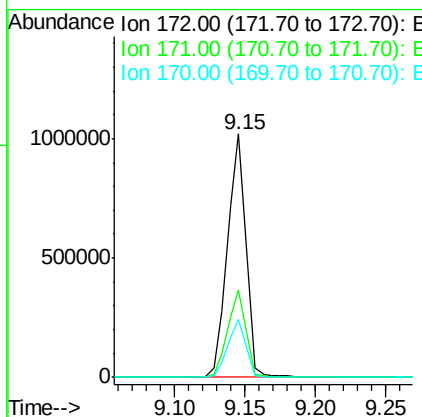
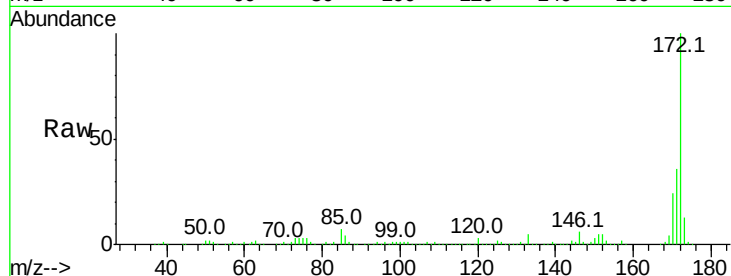




#44
 2-Fluorobiphenyl
 Concen: 90.870 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

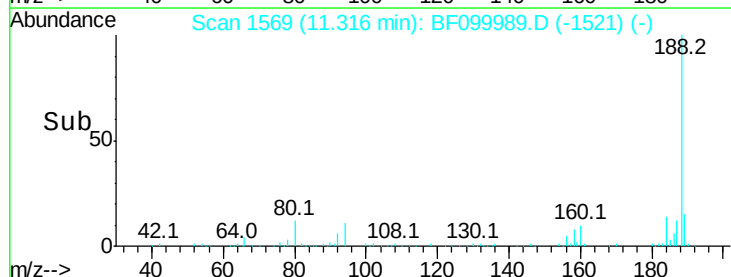
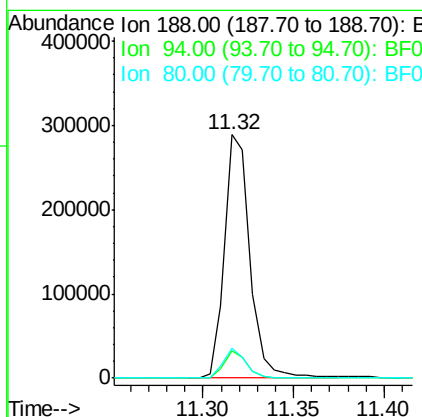
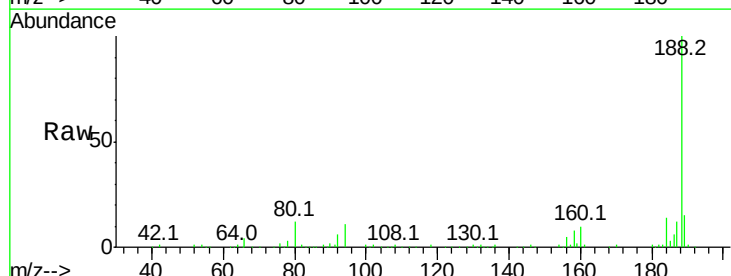
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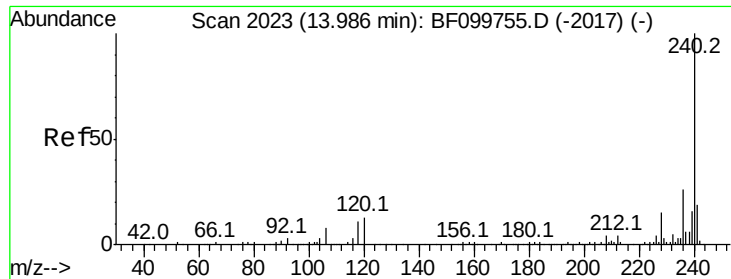
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.2	9.2	13.8

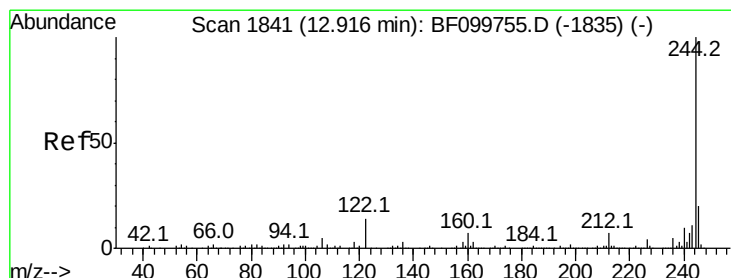
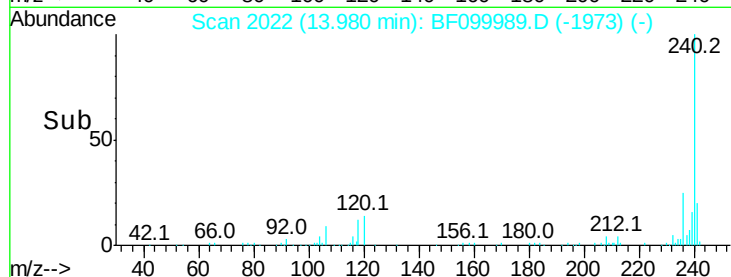
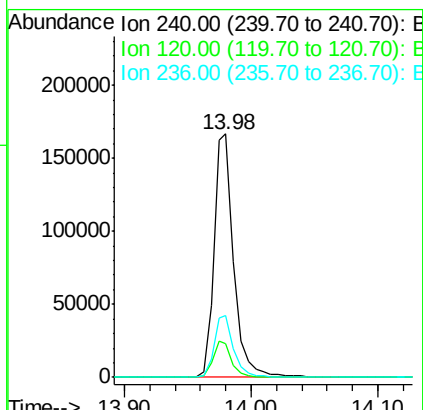
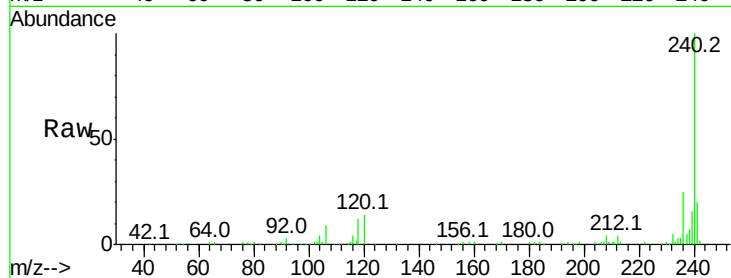




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

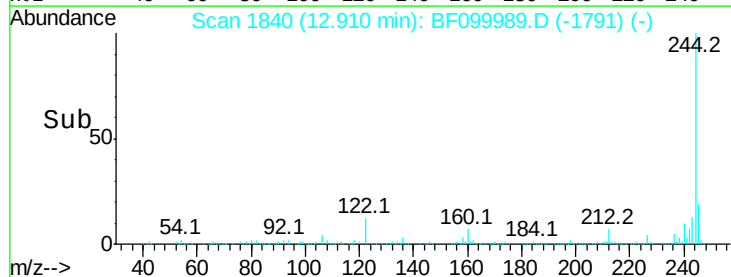
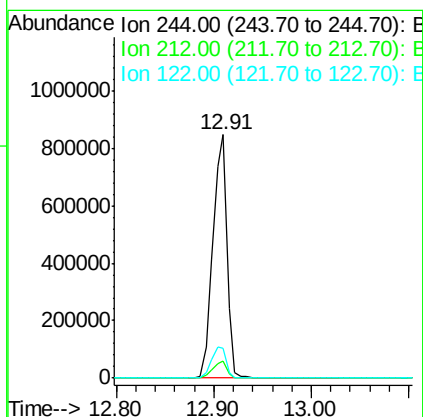
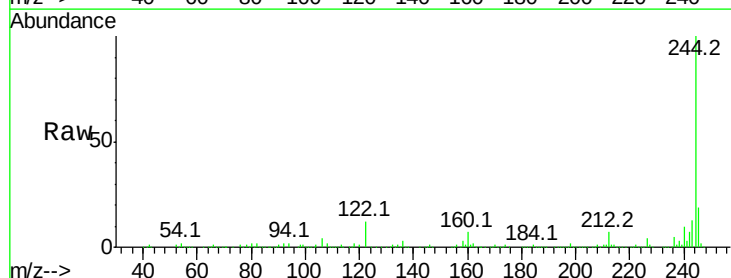
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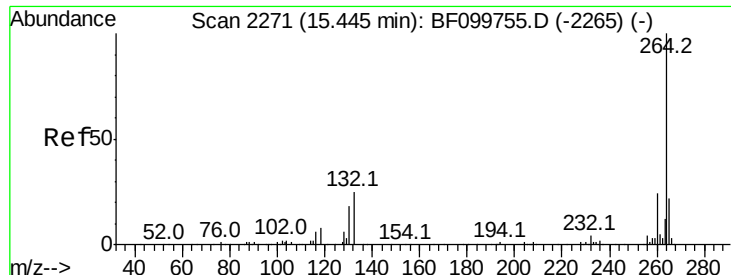
Tot Ion:240 Resp: 181793
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 101.723 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Tgt Ion:244 Resp: 846200
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.4 11.0 16.4

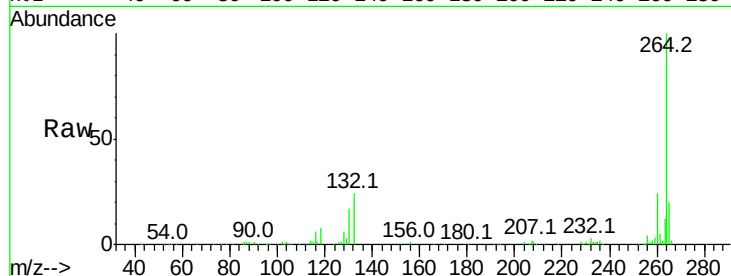




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.3	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

