

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099988.D
 Acq On : 31 Oct 2017 4:36
 Operator : SJ/JU
 Sample : I6083-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Oct 31 05:04:12 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

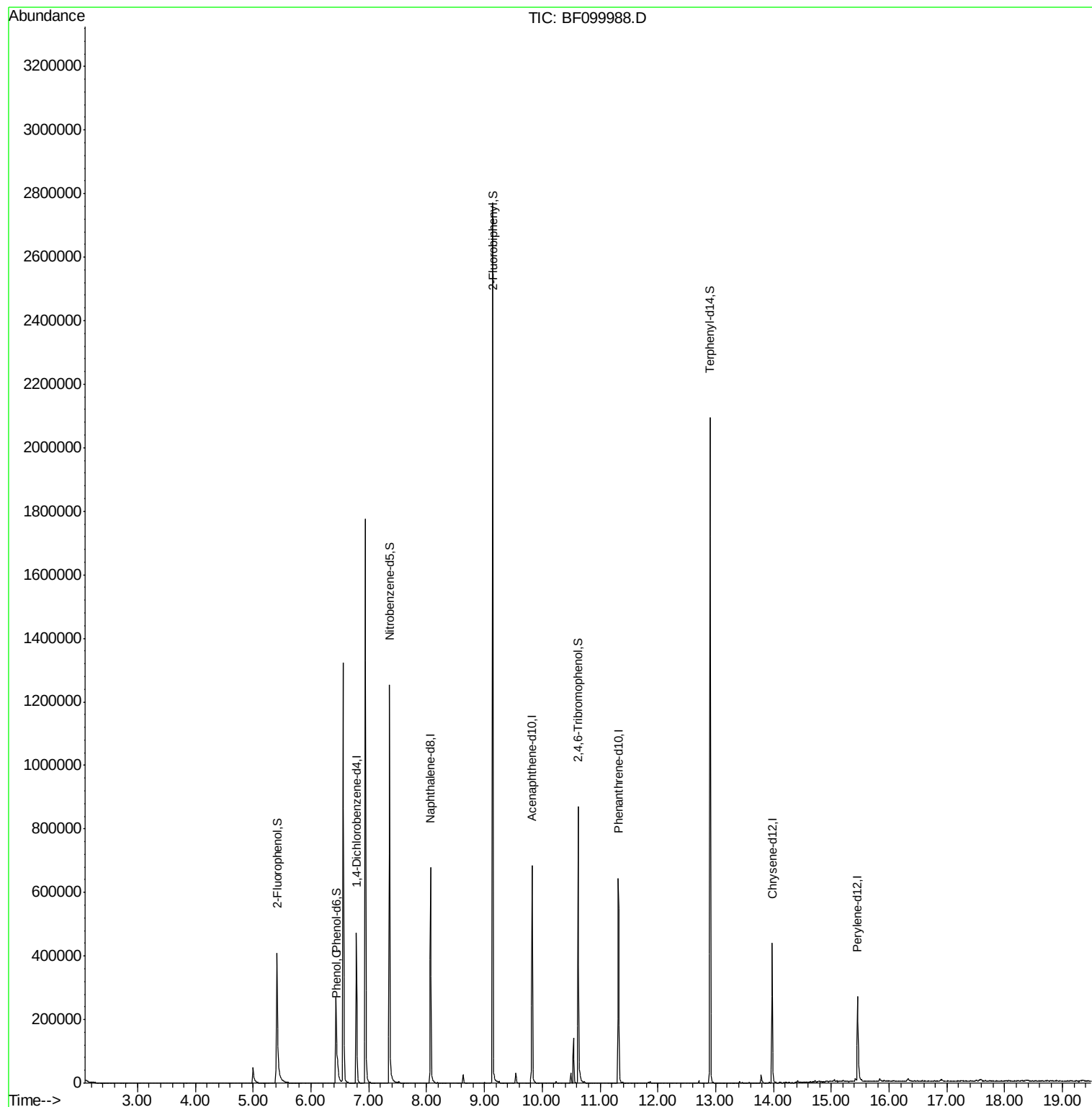
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82353	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	324188	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	143894	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	249381	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	157835	20.00	ng	-0.02
86) Perylene-d12	15.46	264	145328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	226347	43.15	ng	0.00
7) Phenol-d6	6.43	99	174016	27.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	451405	89.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	119575	91.19	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	889063	95.33	ng	-0.01
78) Terphenyl-d14	12.90	244	773022	107.03	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.45	94	15956	2.337	ng	92

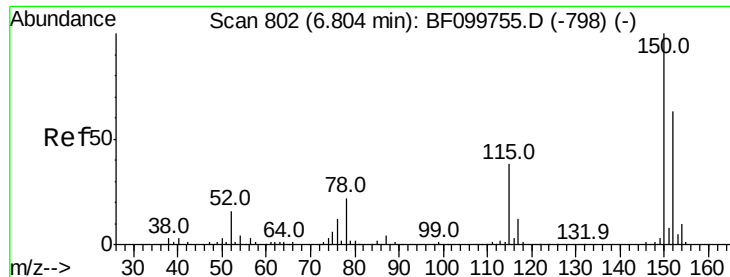
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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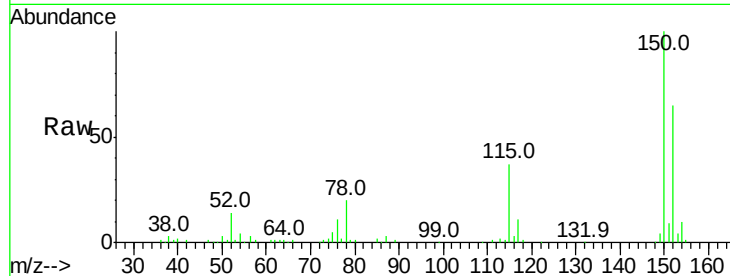


#1

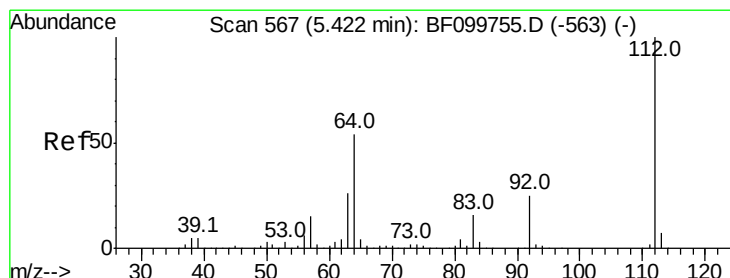
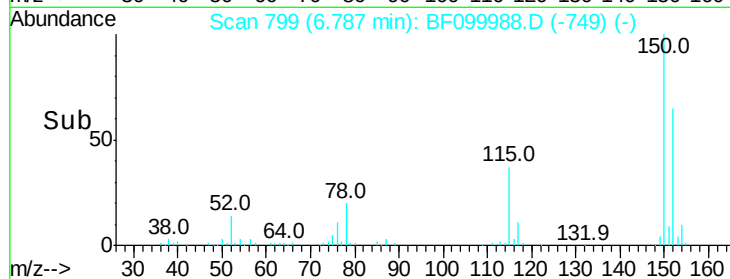
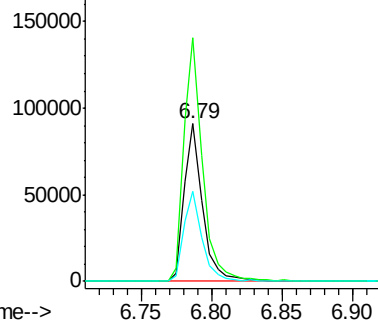
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

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

Tot Ion:152 Resp: 82353
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 57.1 50.1 75.1



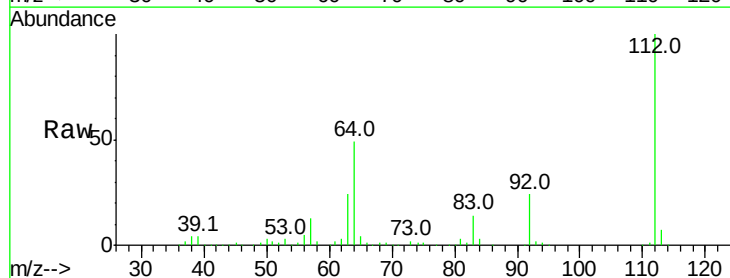
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



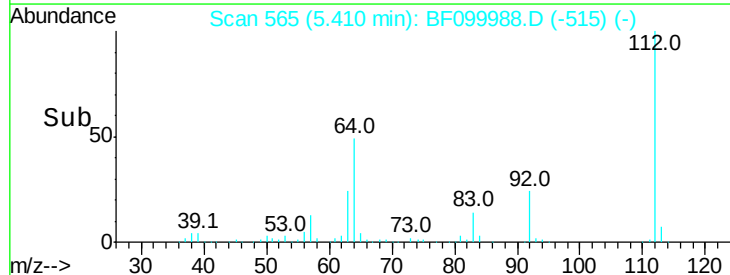
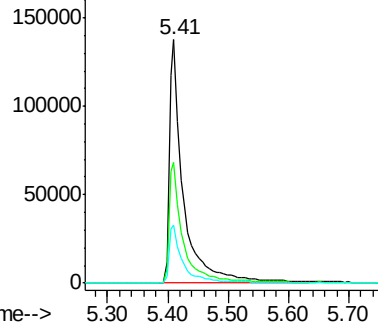
#5

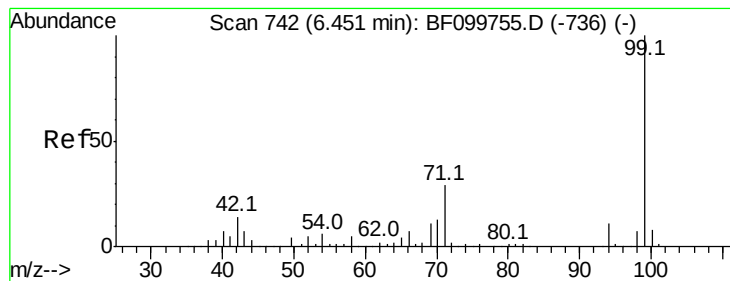
2-Fluorophenol
 Concen: 43.150 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

Tgt Ion:112 Resp: 226347
 Ion Ratio Lower Upper
 112 100
 64 49.4 47.9 71.9
 63 24.1 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: 27.978 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099988.D

Acq: 31 Oct 2017 4:36

Instrument :

BNA_F

ClientSampleId :

102017-SIDI-F-U-B

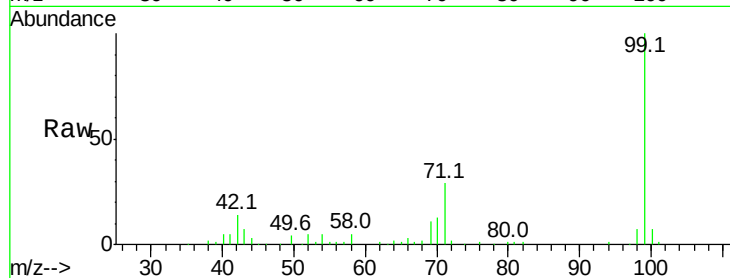
Tot Ion: 99 Resp: 174016

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

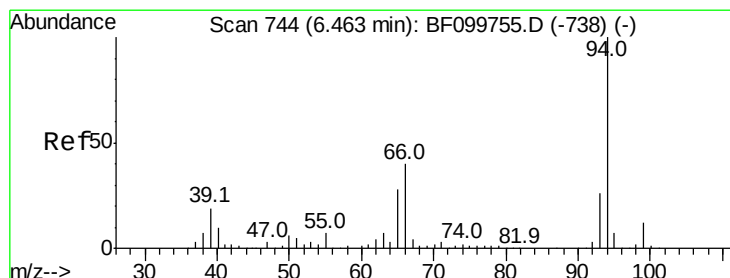
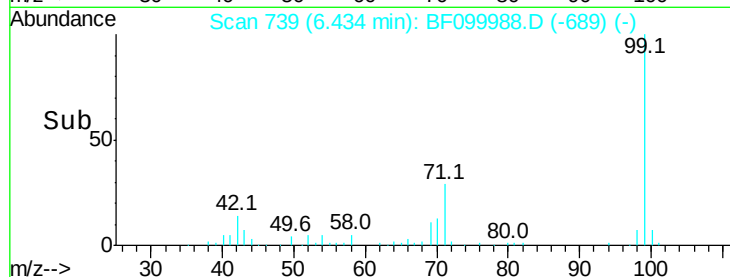
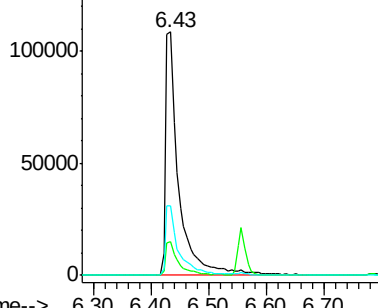
71 28.7 25.4 38.0



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: 2.337 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099988.D

Acq: 31 Oct 2017 4:36

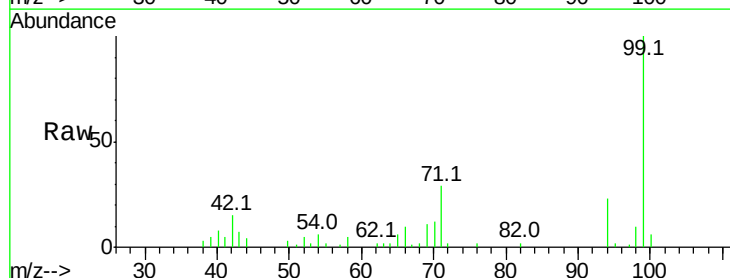
Tgt Ion: 94 Resp: 15956

Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

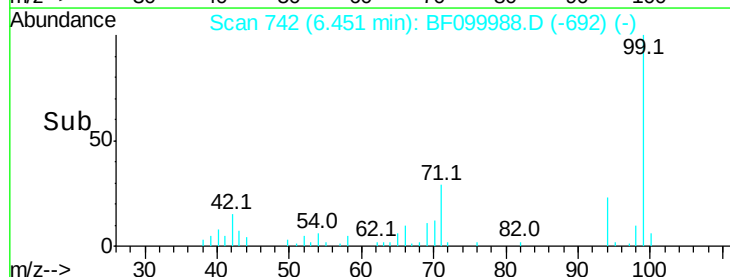
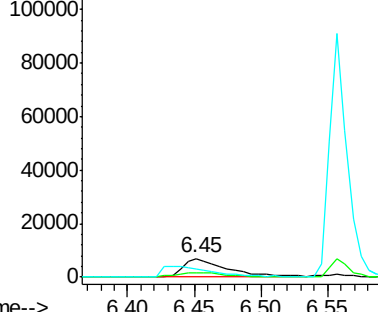
66 43.3 16.2 56.2

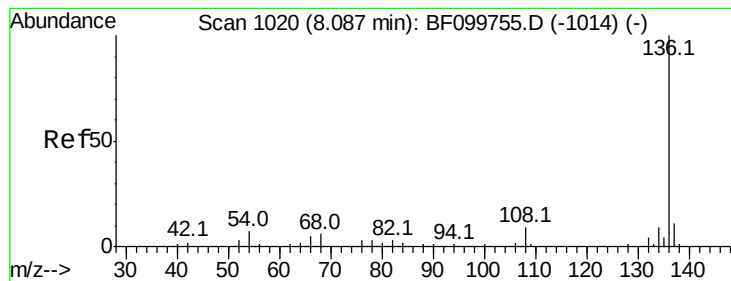


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF099988.D

Acq: 31 Oct 2017 4:36

Instrument :

BNA_F

ClientSampleId :

102017-SIDI-F-U-B

Tot Ion:136 Resp: 324188

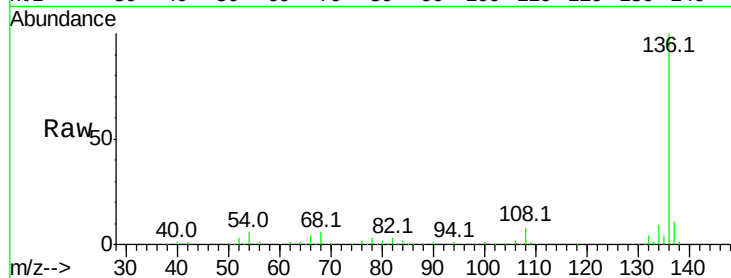
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

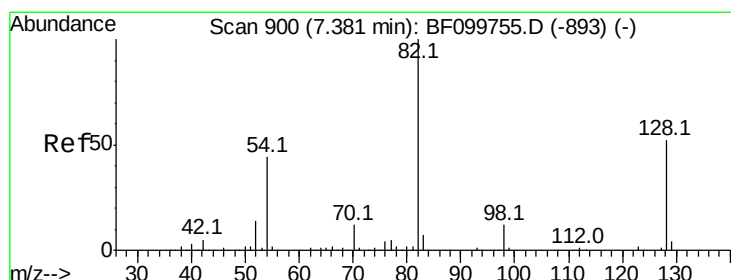
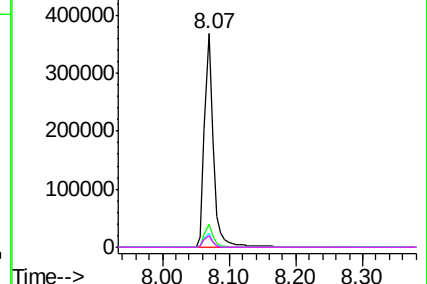
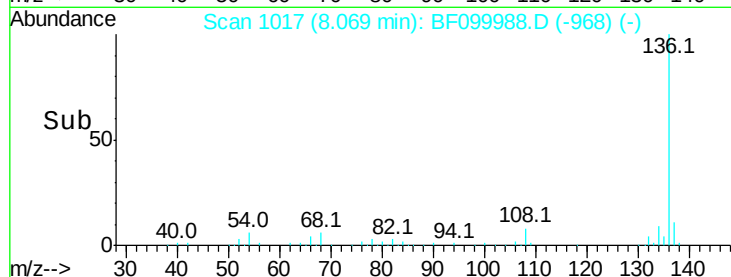


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.645 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099988.D

Acq: 31 Oct 2017 4:36

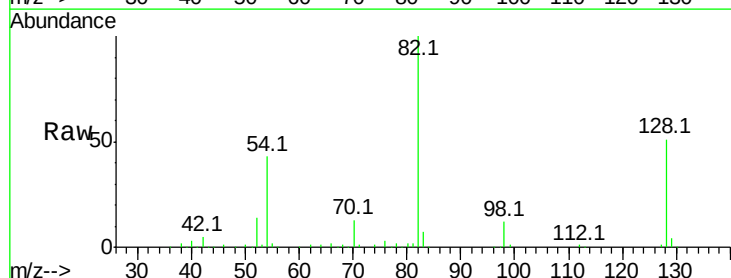
Tgt Ion: 82 Resp: 451405

Ion Ratio Lower Upper

82 100

128 51.1 36.1 54.1

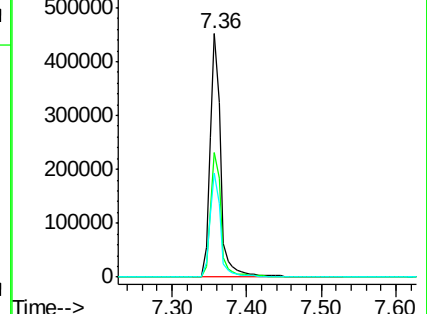
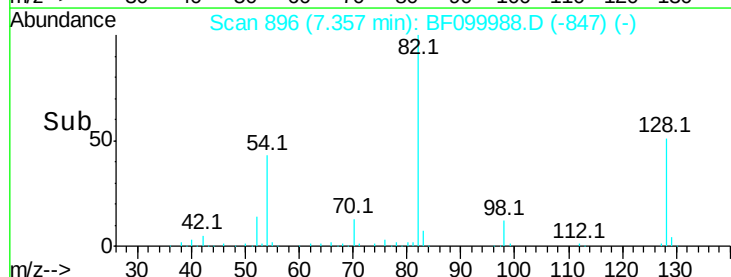
54 42.8 41.4 62.2

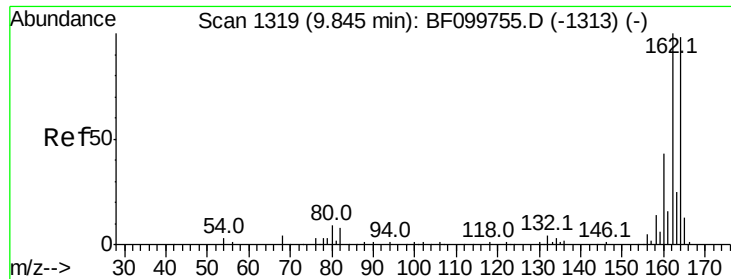


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

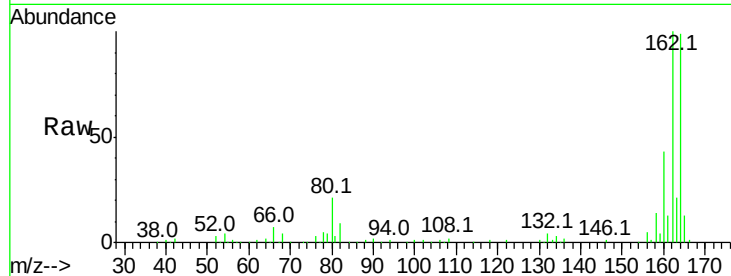




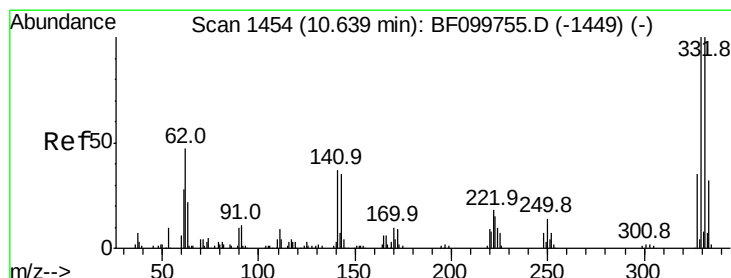
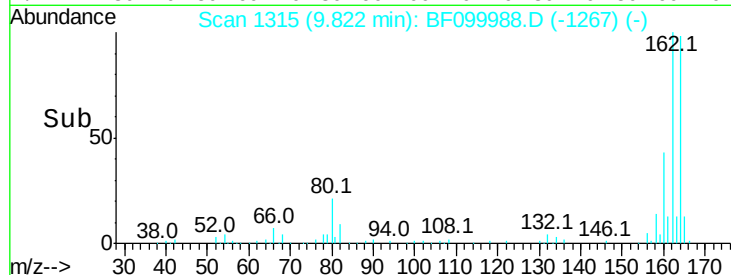
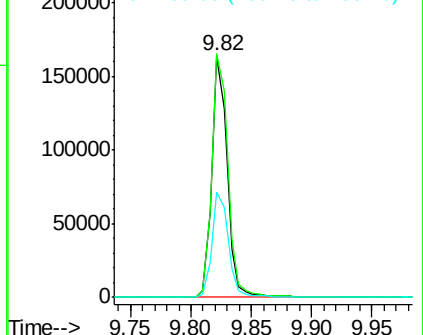
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

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

Tot Ion:164 Resp: 143894
 Ion Ratio Lower Upper
 164 100
 162 101.0 86.1 129.1
 160 43.6 38.3 57.5

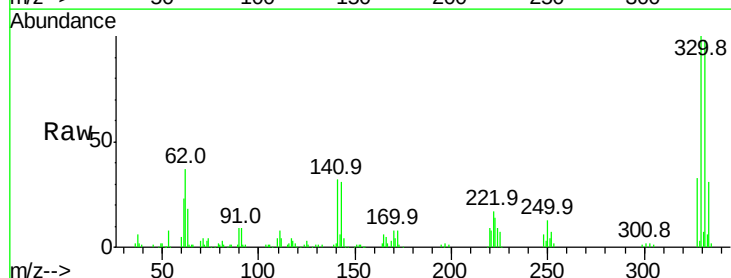


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

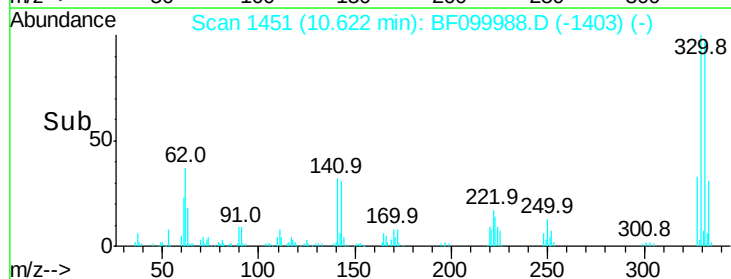
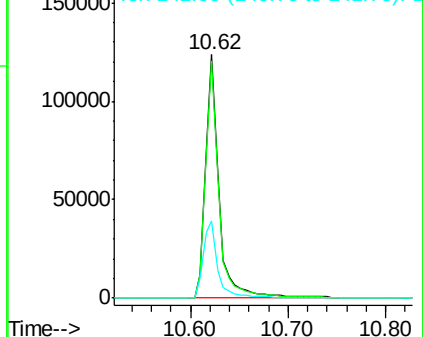


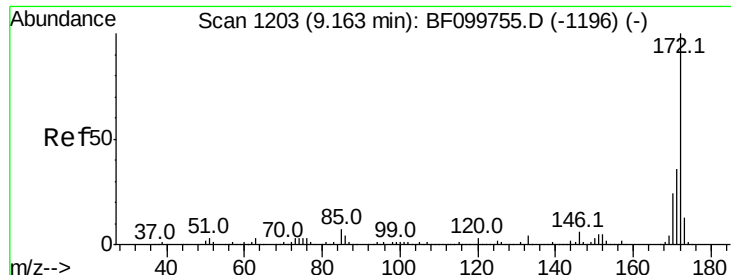
#41
 2,4,6-Tribromophenol
 Concen: 91.186 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

Tgt Ion:330 Resp: 119575
 Ion Ratio Lower Upper
 330 100
 332 97.4 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

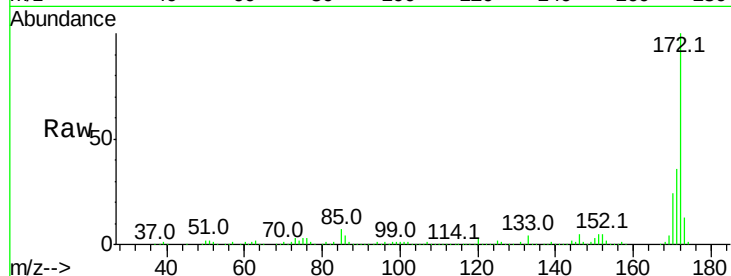




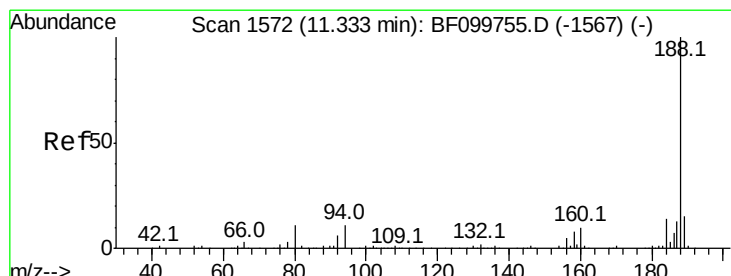
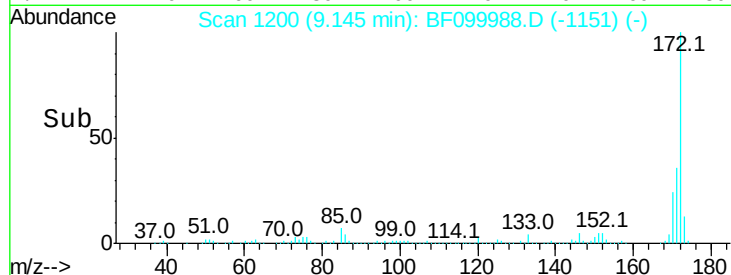
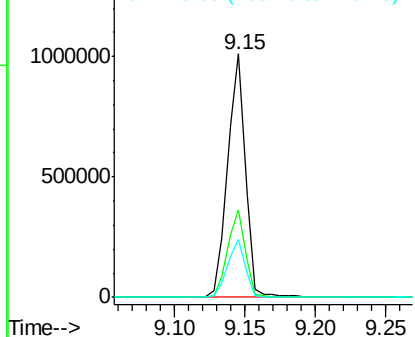
#44
 2-Fluorobiphenyl
 Concen: 95.326 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

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

Tot Ion:172 Resp: 889063
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 19.6 29.4

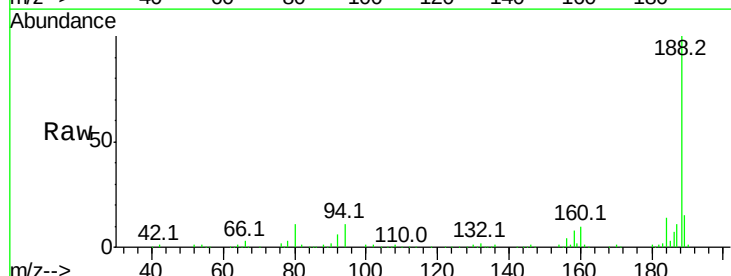


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

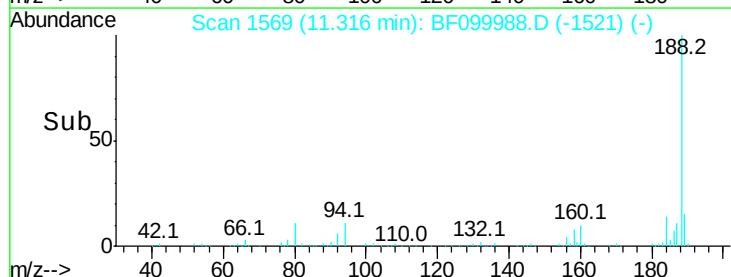
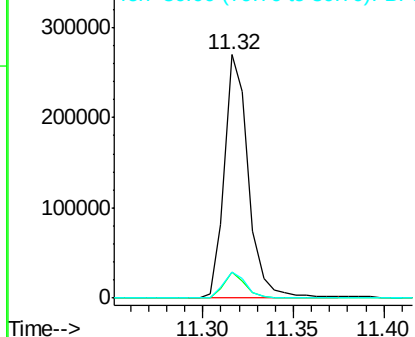


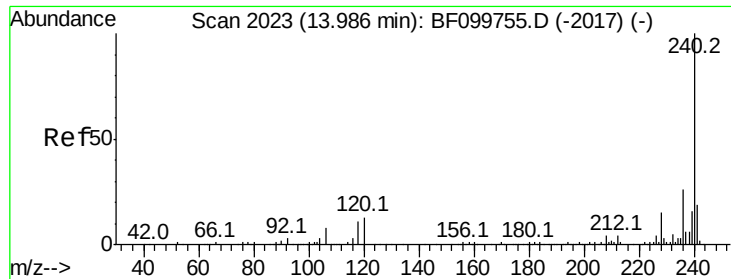
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

Tgt Ion:188 Resp: 249381
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.6 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

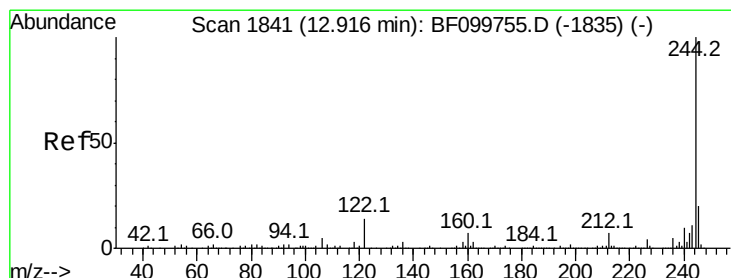
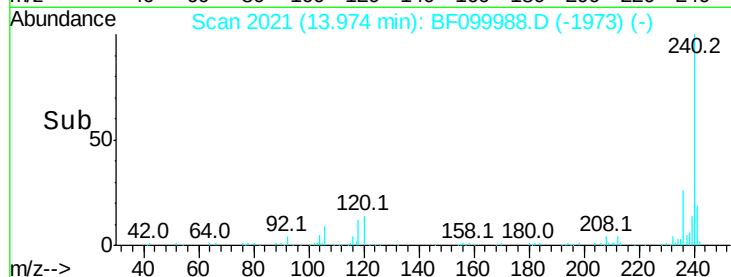
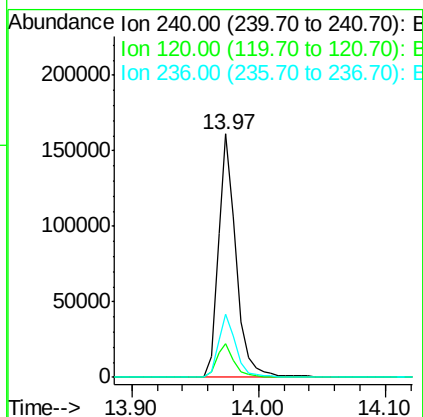
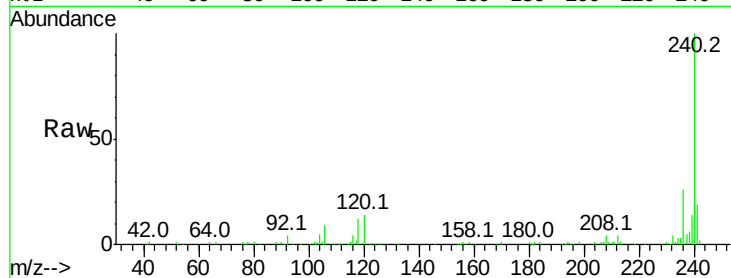




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

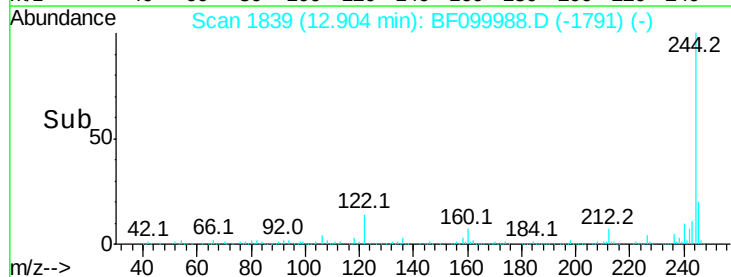
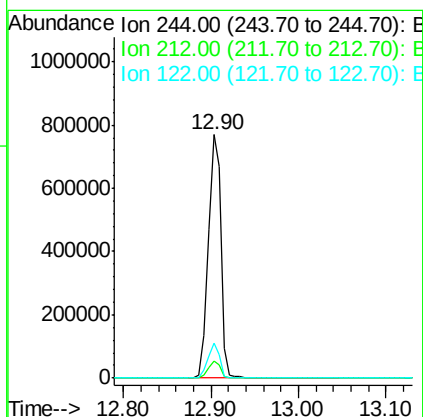
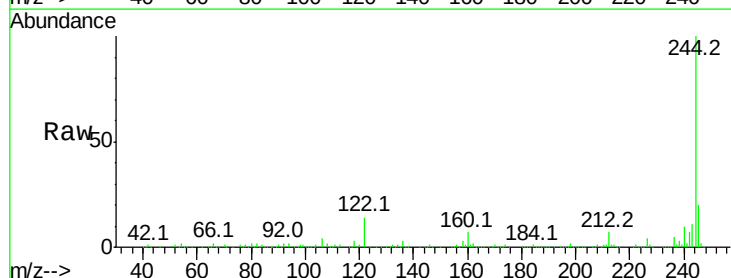
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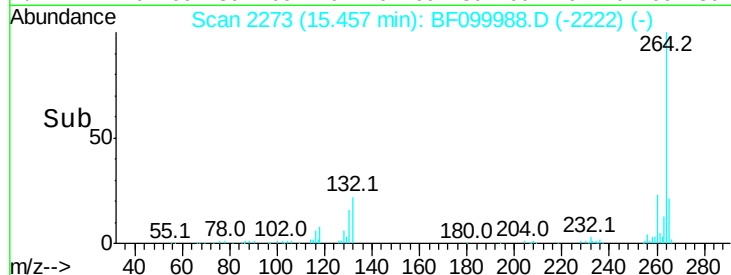
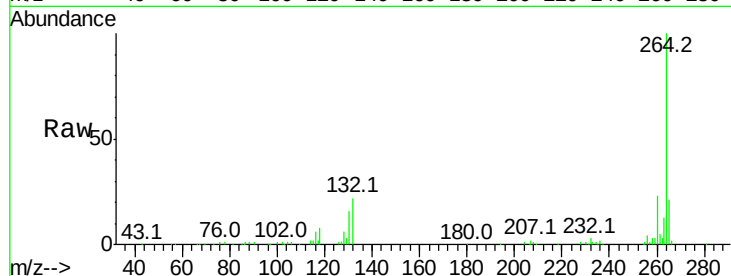
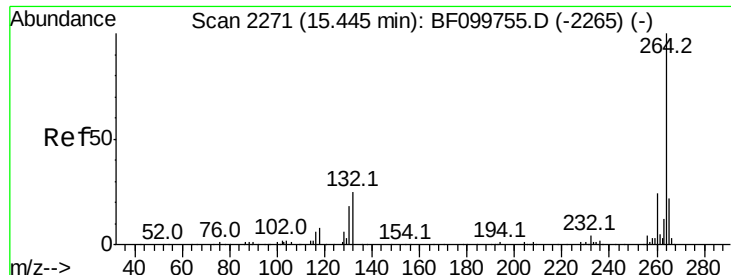
Tot Ion:240 Resp: 157835
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 107.032 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BF099988.D
 Acq: 31 Oct 2017 4:36

Tgt Ion:244 Resp: 773022
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.3 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099988.D
Acq: 31 Oct 2017 4:36

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	17.5	26.3

