

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099846.D
 Acq On : 26 Oct 2017 7:31
 Operator : SJ/JU
 Sample : I6057-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-D-B

Quant Time: Oct 26 09:05:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

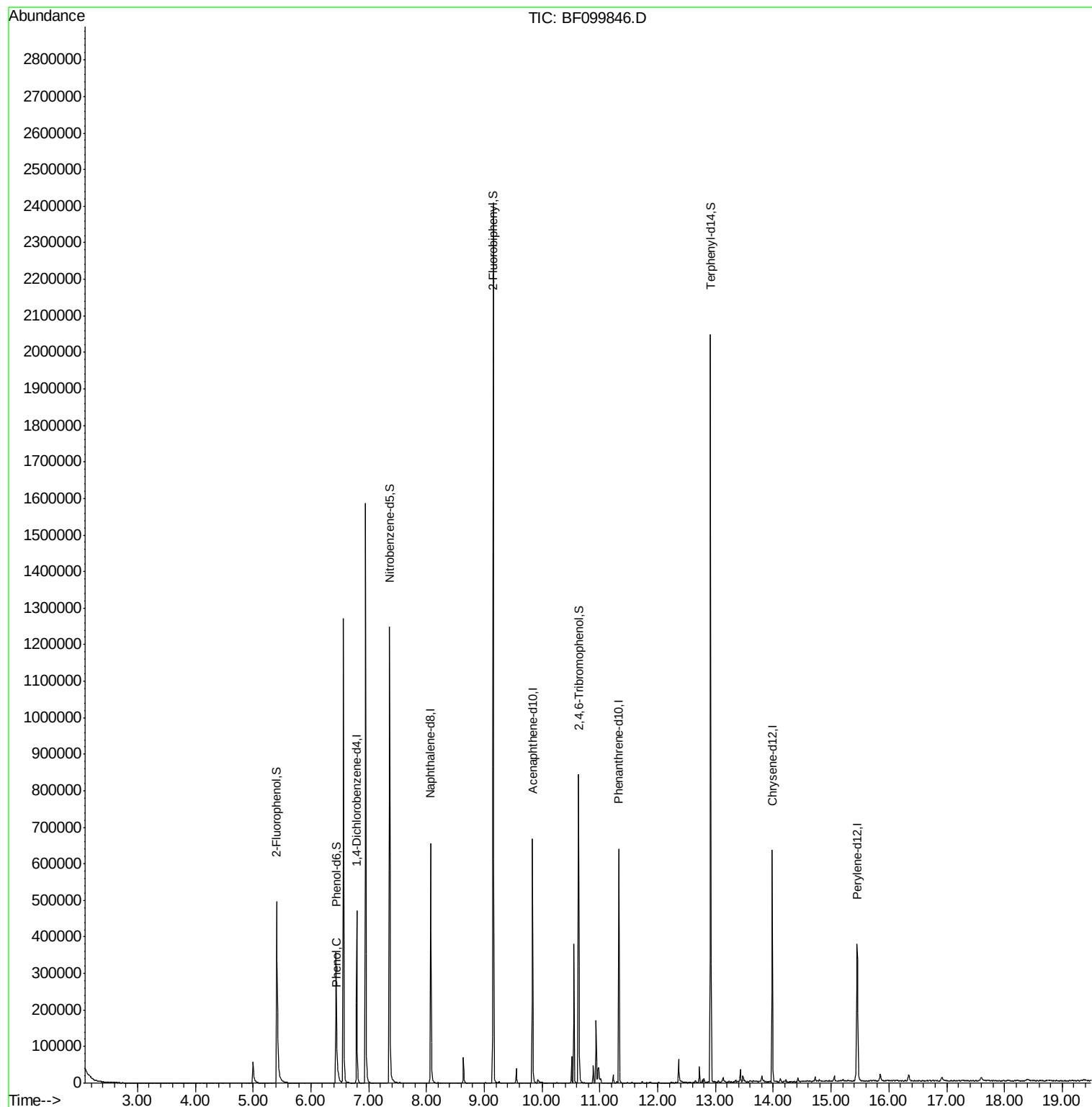
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73328	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	298507	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	136363	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	242980	20.00	ng	0.00
75) Chrysene-d12	13.98	240	208473	20.00	ng	0.00
86) Perylene-d12	15.45	264	180464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	207813	44.49	ng	0.00
7) Phenol-d6	6.43	99	171249	30.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	394202	85.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	102696	82.64	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	798112	90.30	ng	0.00
78) Terphenyl-d14	12.92	244	769401	80.65	ng	0.00
Target Compounds						
10) Phenol	6.45	94	13230	2.176	ng	Qvalue 85

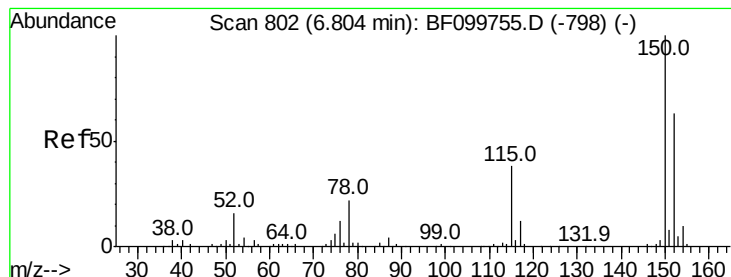
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-B

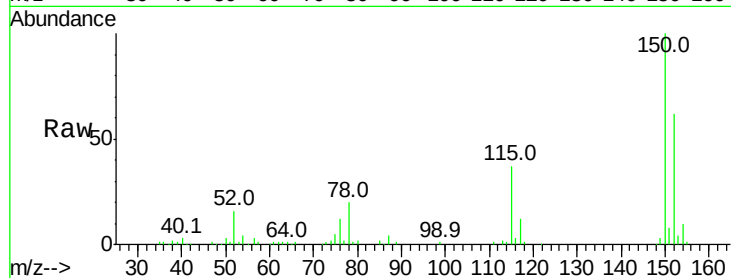
Tot Ion:152 Resp: 73328

Ion Ratio Lower Upper

152 100

150 161.9 124.6 186.8

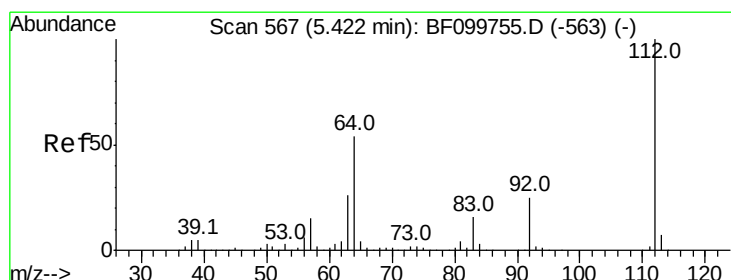
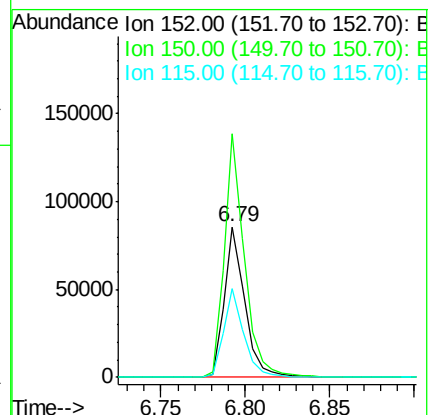
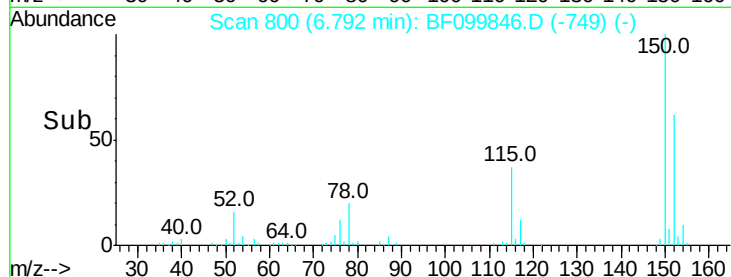
115 59.2 50.1 75.1



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: 44.493 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

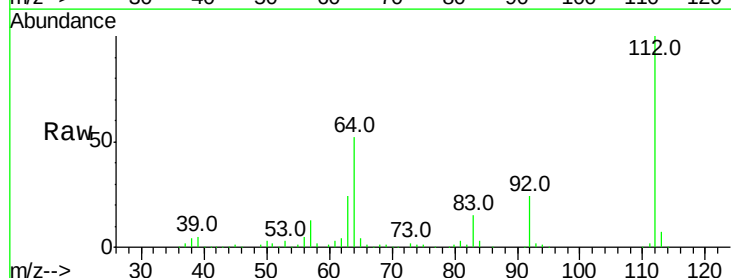
Tgt Ion:112 Resp: 207813

Ion Ratio Lower Upper

112 100

64 51.6 47.9 71.9

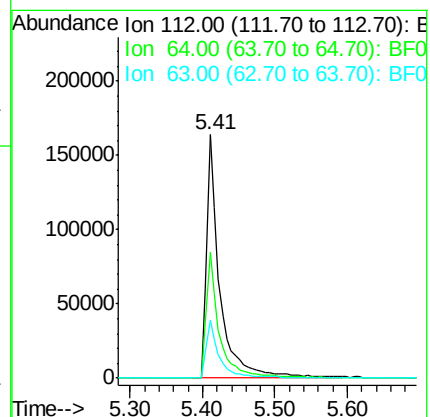
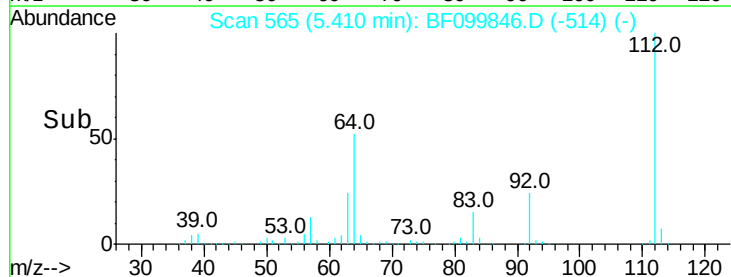
63 23.9 23.7 35.5

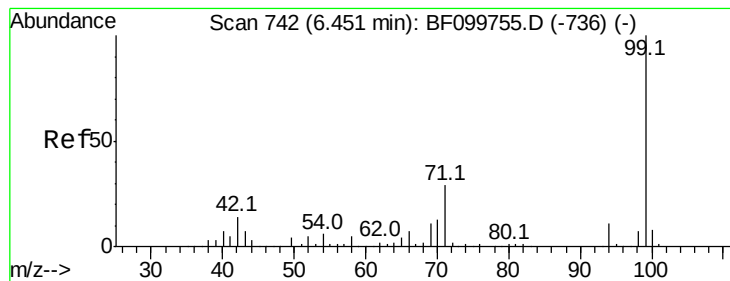


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.922 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-B

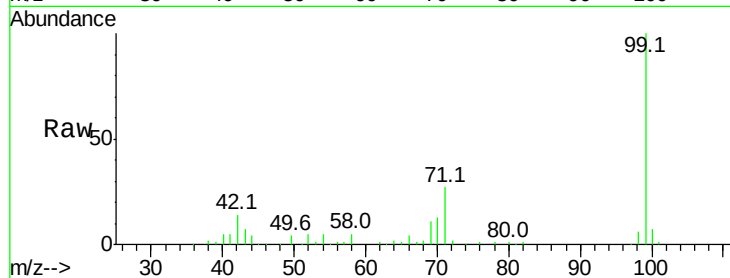
Tot Ion: 99 Resp: 171249

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

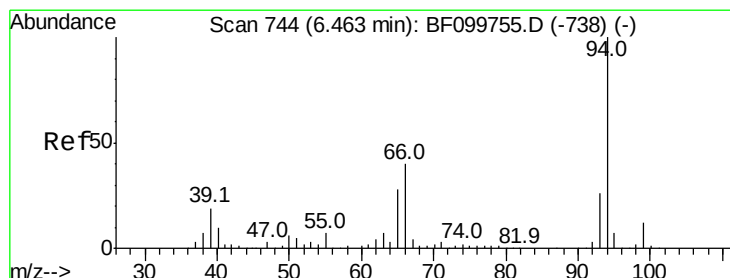
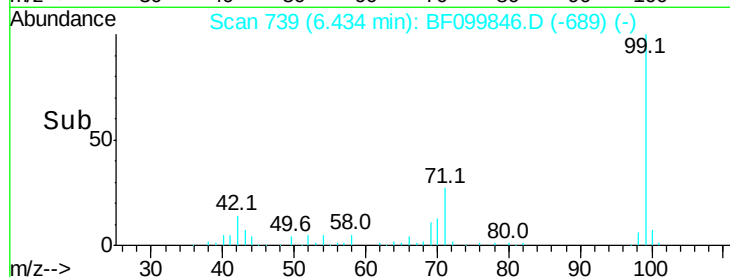
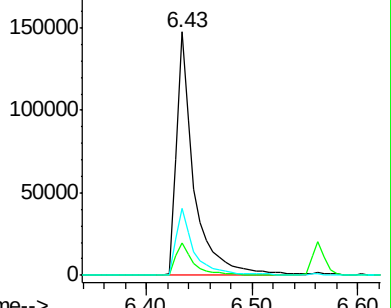
71 27.5 25.4 38.0



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



#10

Phenol

Concen: 2.176 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

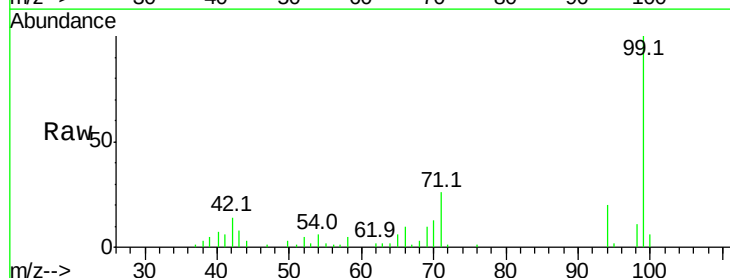
Tgt Ion: 94 Resp: 13230

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

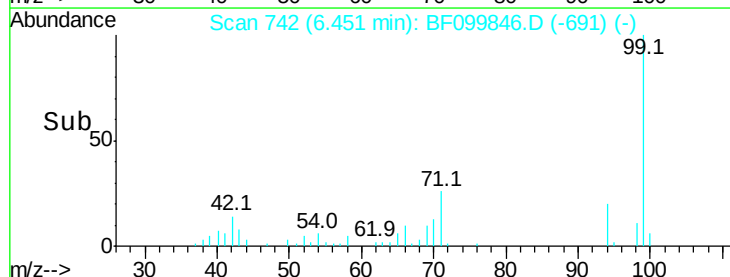
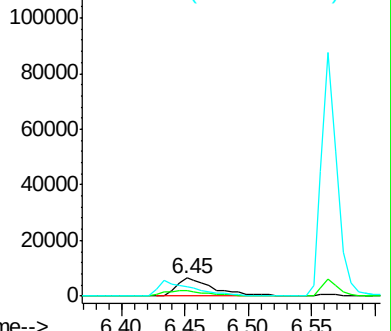
66 50.9 16.2 56.2

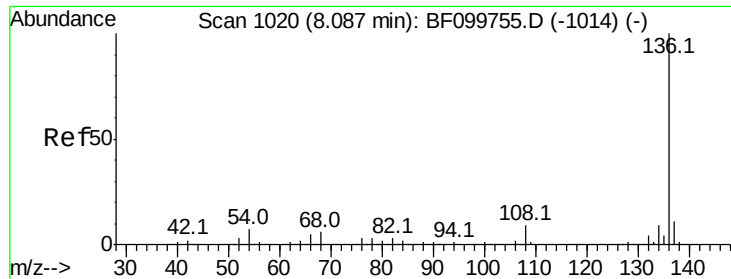


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

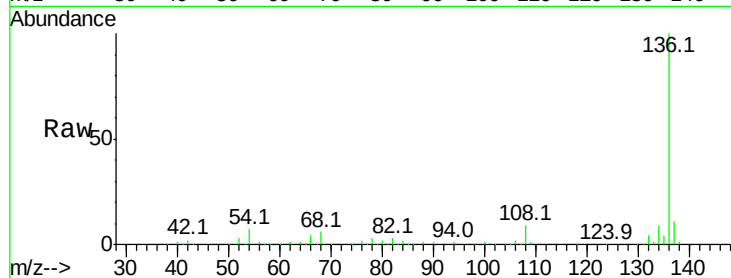




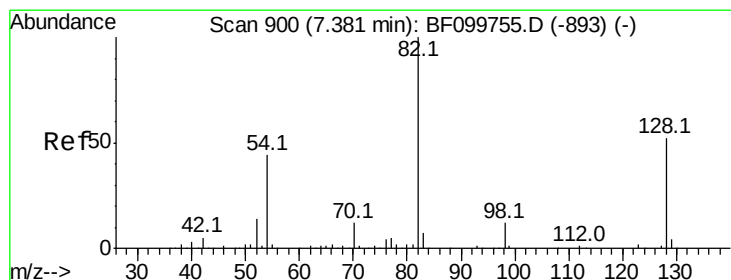
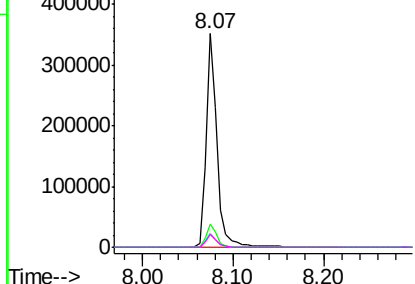
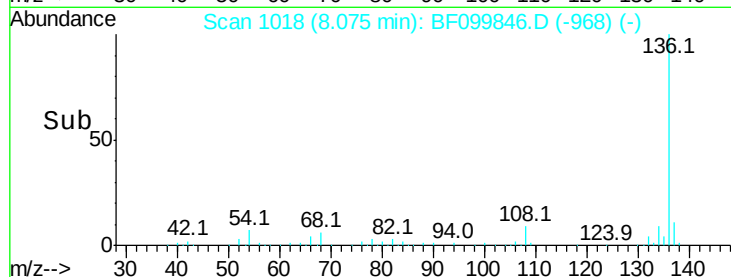
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-D-B

Tot Ion:	136	Resp:	298507
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

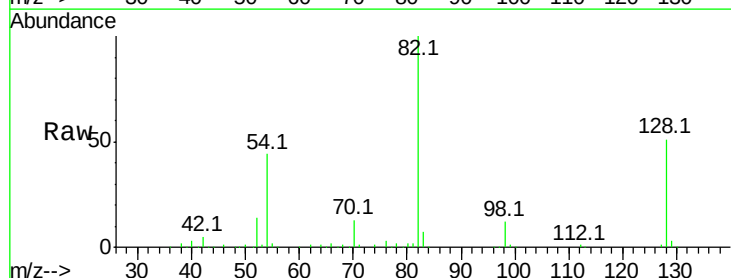


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

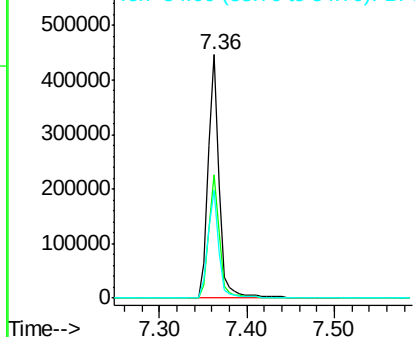
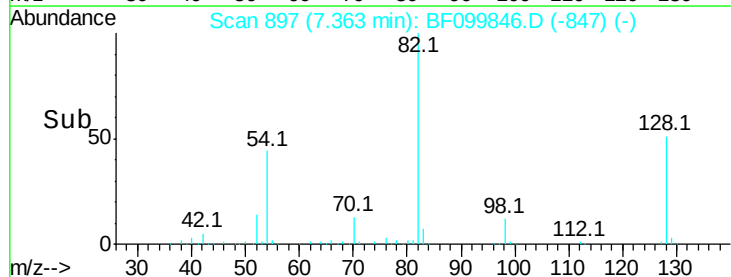


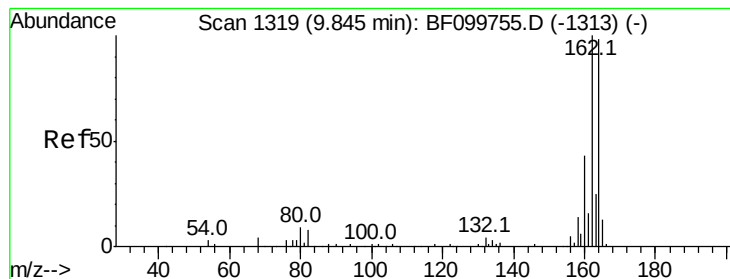
#23
Nitrobenzene-d5
Concen: 85.020 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Tgt Ion:	82	Resp:	394202
Ion	Ratio	Lower	Upper
82	100		
128	50.5	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): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-B

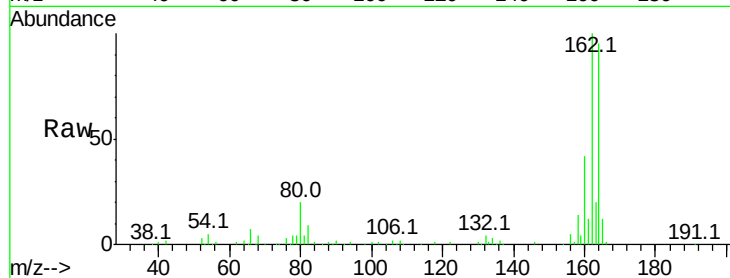
Tot Ion:164 Resp: 136363

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

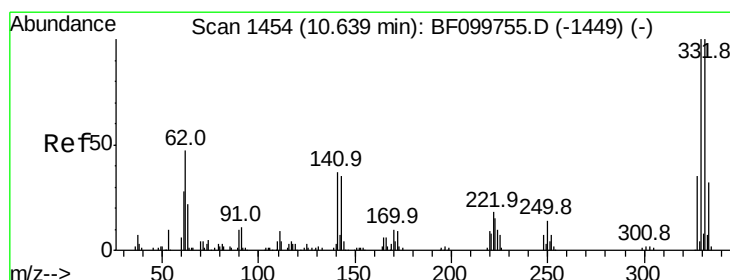
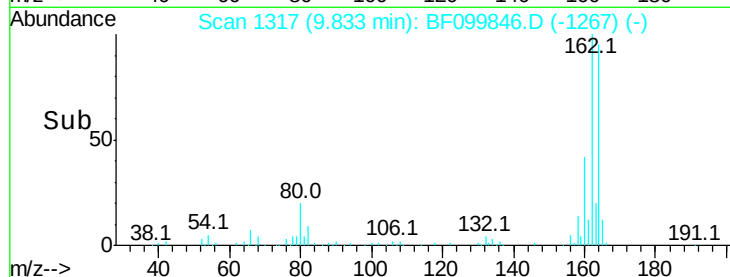
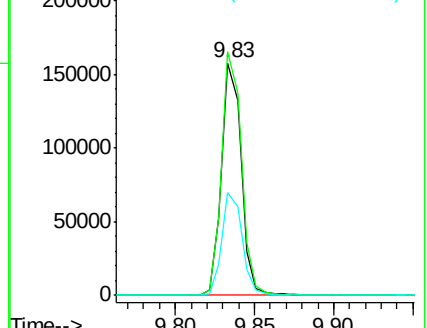
160 44.2 38.3 57.5



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: 82.640 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

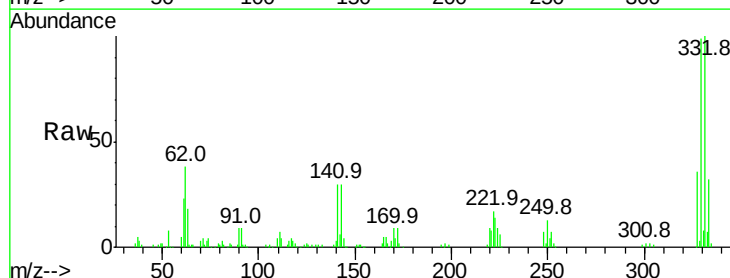
Tgt Ion:330 Resp: 102696

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

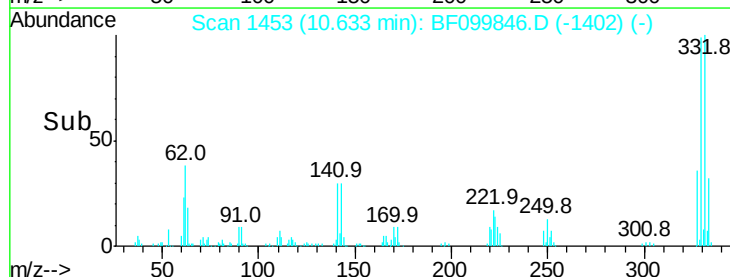
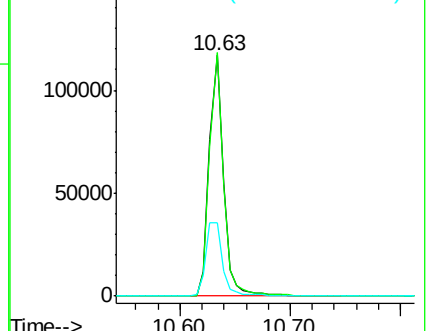
141 35.3 29.9 44.9

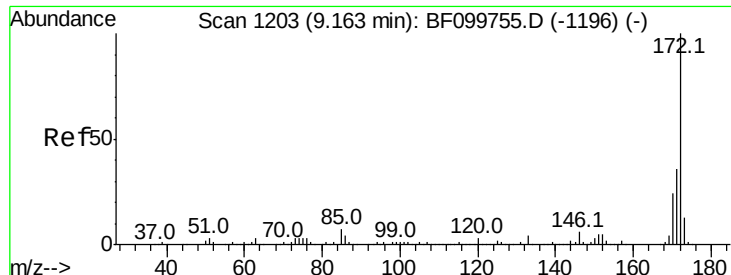


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

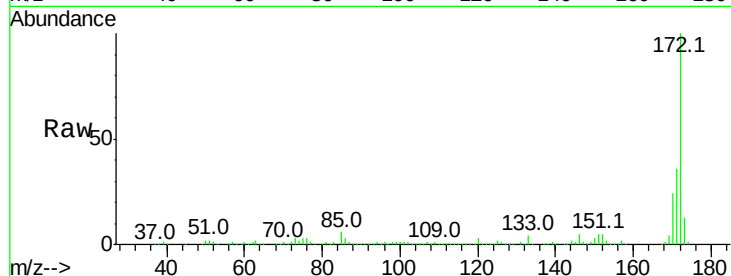




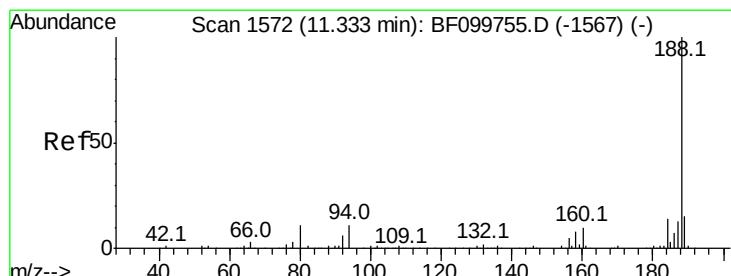
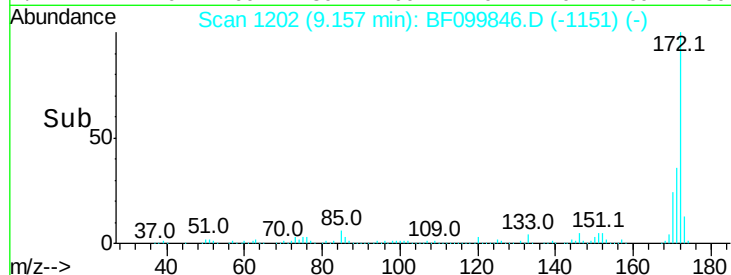
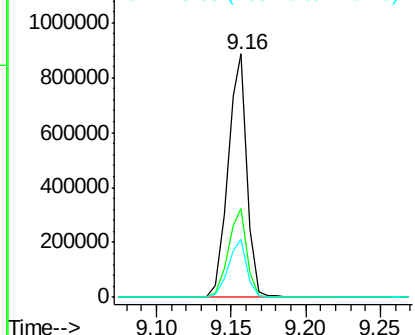
#44
 2-Fluorobiphenyl
 Concen: 90.300 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-D-B

Tot Ion:172 Resp: 798112
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.7 19.6 29.4

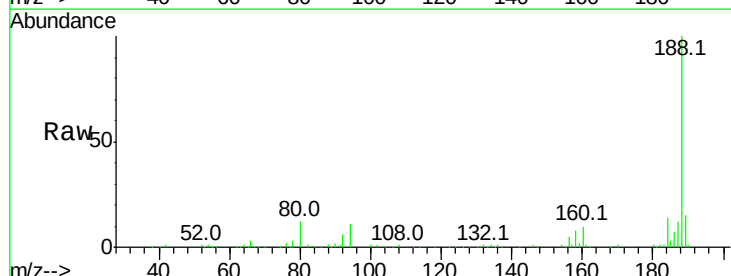


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

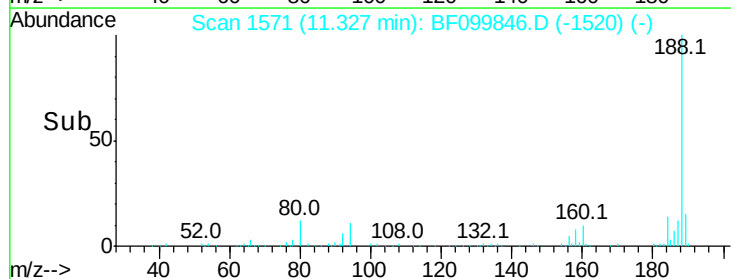
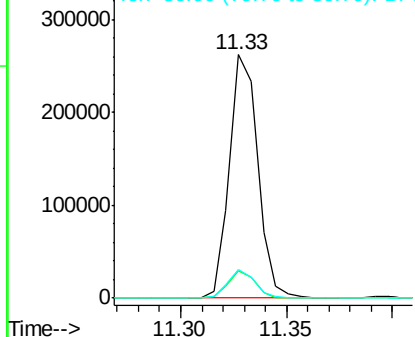


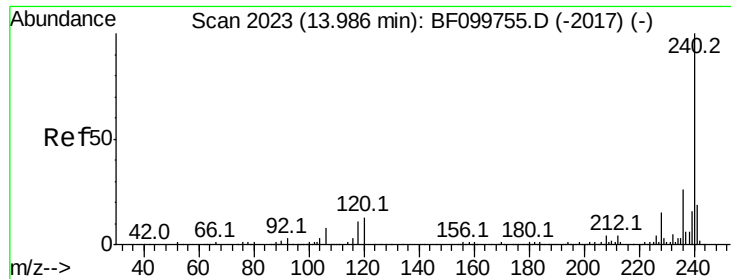
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF099846.D
 Acq: 26 Oct 2017 7:31

Tgt Ion:188 Resp: 242980
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.8 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. -0.00 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-B

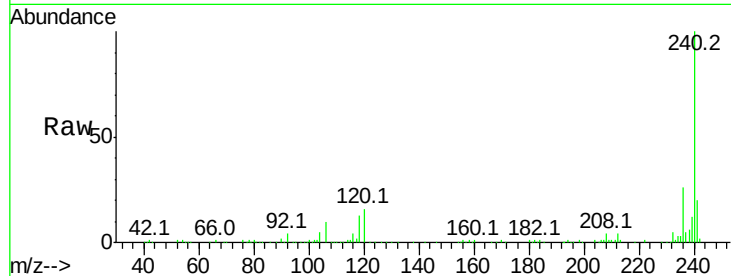
Tot Ion:240 Resp: 208473

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

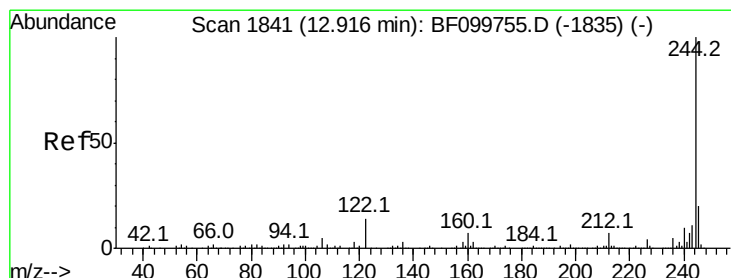
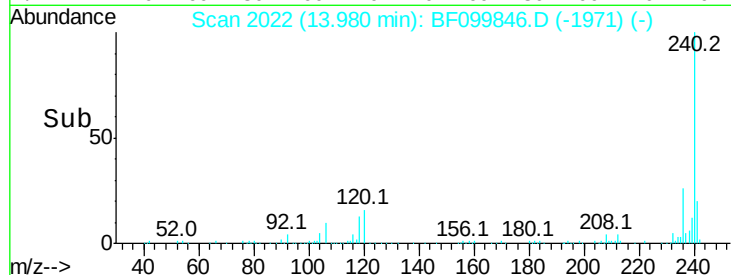
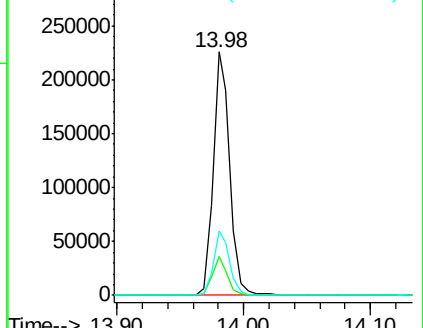
236 26.2 20.7 31.1



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: 80.654 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099846.D

Acq: 26 Oct 2017 7:31

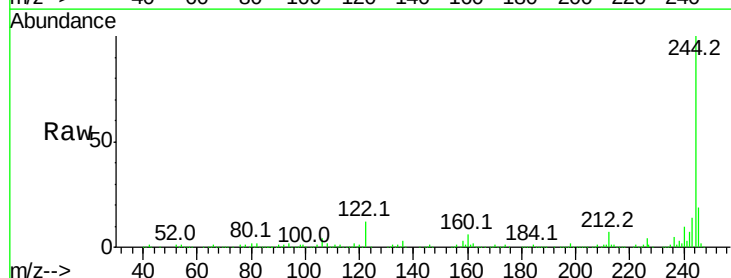
Tgt Ion:244 Resp: 769401

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

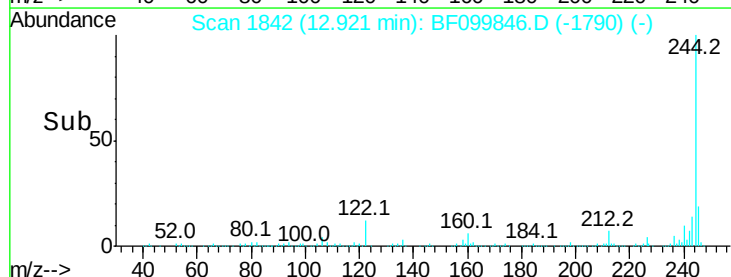
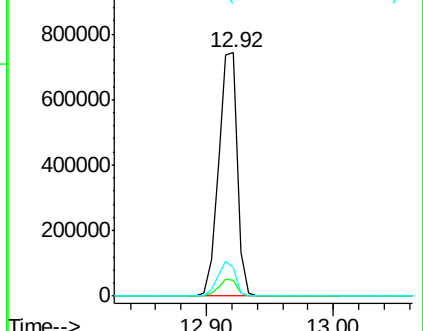
122 11.5 11.0 16.4

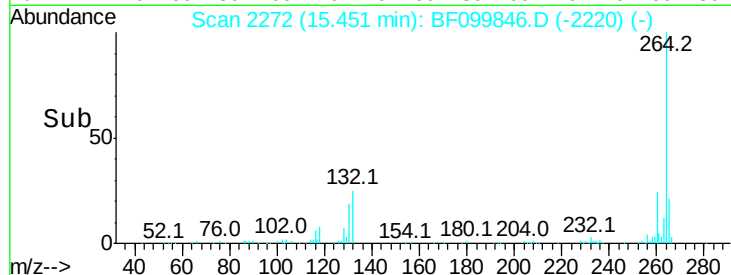
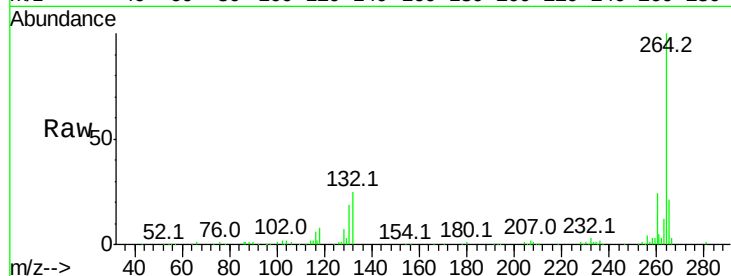
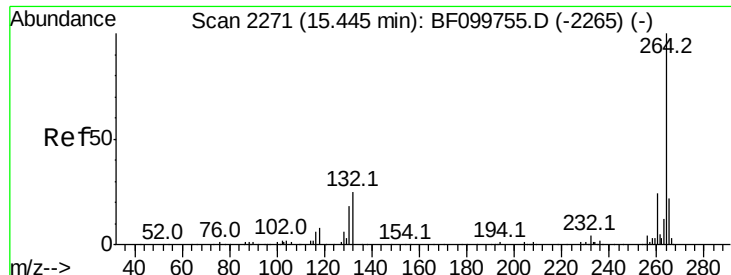


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099846.D
Acq: 26 Oct 2017 7:31

Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-D-B

Tot Ion:	264	Resp:	180464
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

