

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099020.D
 Acq On : 3 Oct 2017 00:42
 Operator : SJ/JU
 Sample : I5531-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 04:48:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

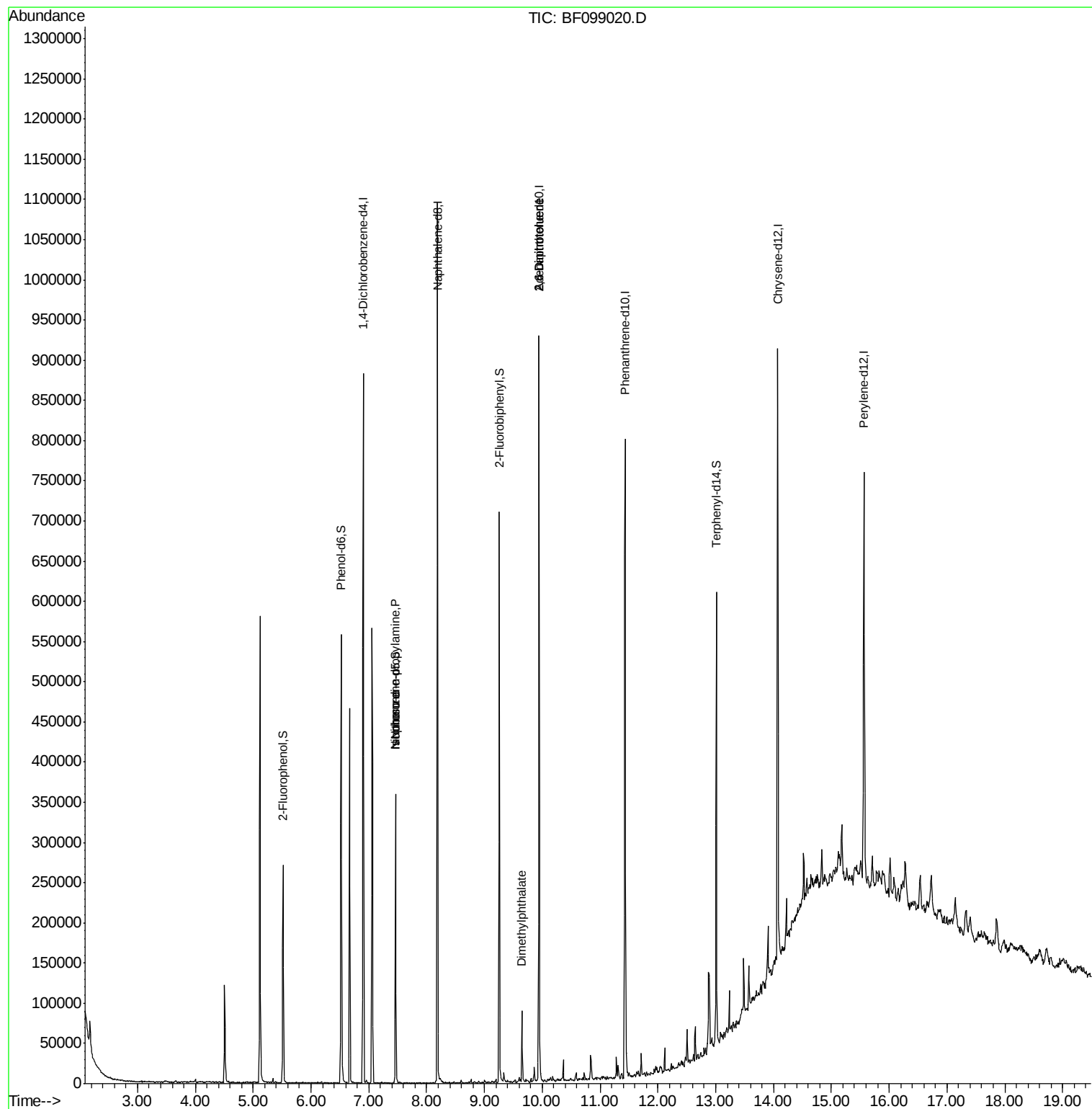
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	120266	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	458735	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	174273	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	268566	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	251088	20.00	ng	-0.01
86) Perylene-d12	15.57	264	209262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	73749	9.76	ng	-0.02
7) Phenol-d6	6.52	99	174692	18.74	ng	-0.02
23) Nitrobenzene-d5	7.46	82	110455	15.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	1494	1.05	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	209401	20.06	ng	-0.02
78) Terphenyl-d14	13.01	244	149207	13.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	13943	2.34	ng	# 75
25) Isophorone	7.46	82	110454	7.47	ng	# 64
49) Dimethylphthalate	9.65	163	31071	2.36	ng	# 99
50) 2,6-Dinitrotoluene	9.95	165	21758	7.60	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	21758	5.85	ng	# 22

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

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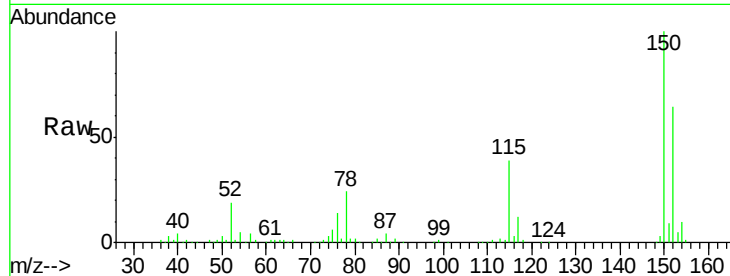


#1

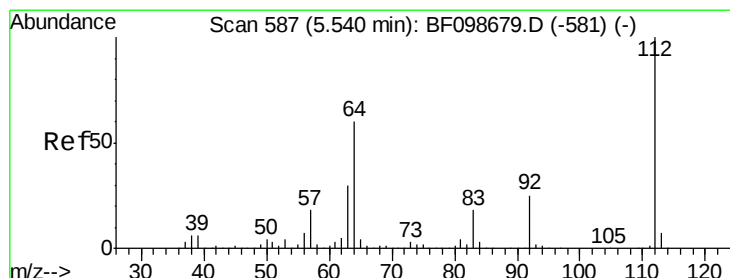
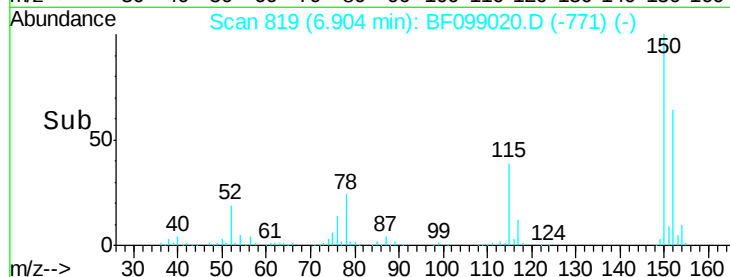
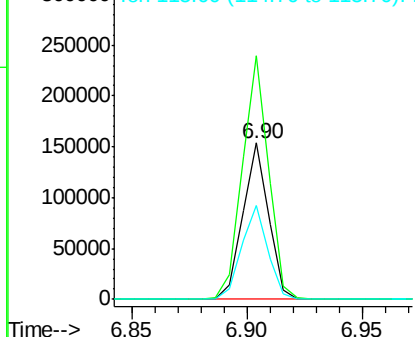
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120266
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.2 50.1 75.1



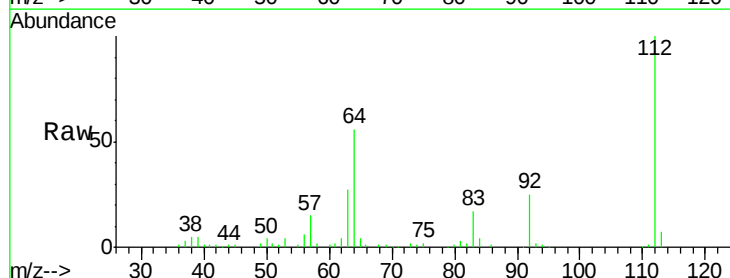
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



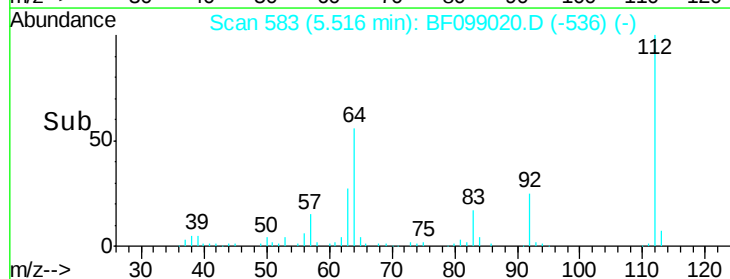
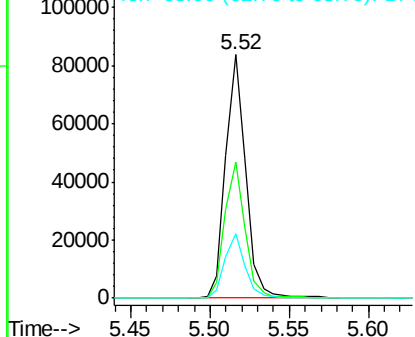
#5

2-Fluorophenol
Concen: 9.76 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

Tgt Ion:112 Resp: 73749
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 26.7 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: 18.74 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

Instrument :

BNA_F

ClientSampleId :

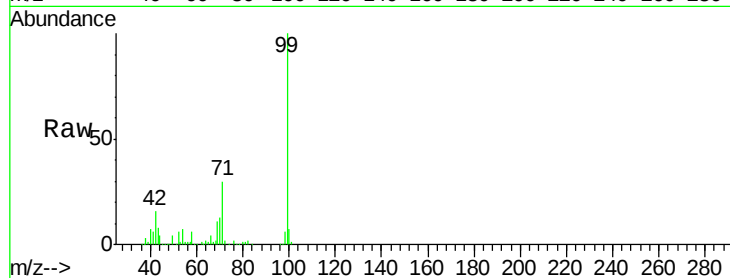
Tot Ion: 99 Resp: 174692

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

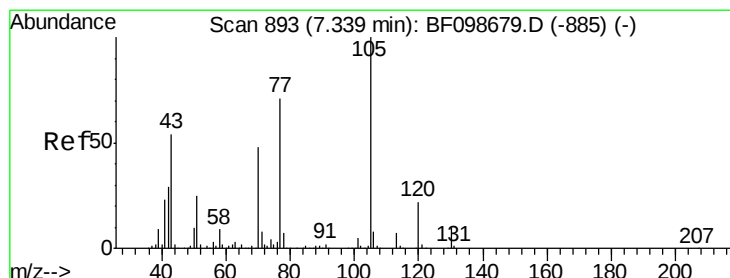
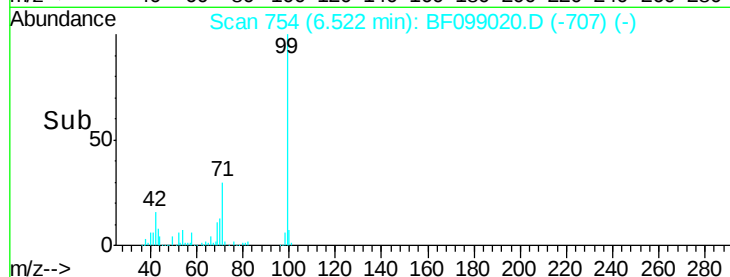
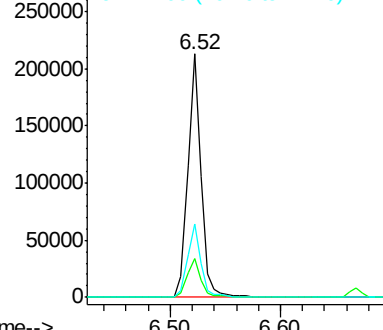
71 30.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.34 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.13 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

Tgt Ion: 70 Resp: 13943

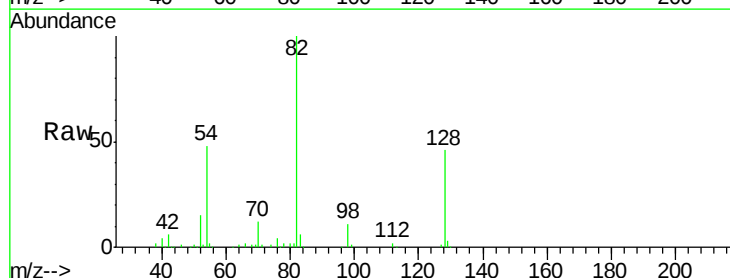
Ion Ratio Lower Upper

70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

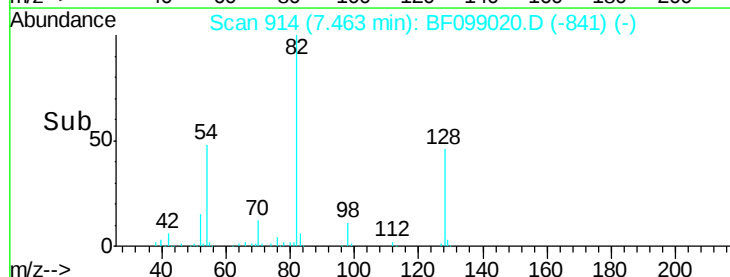
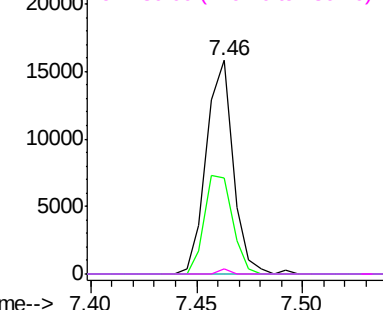


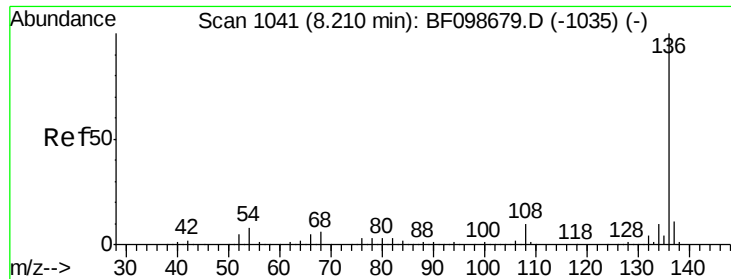
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

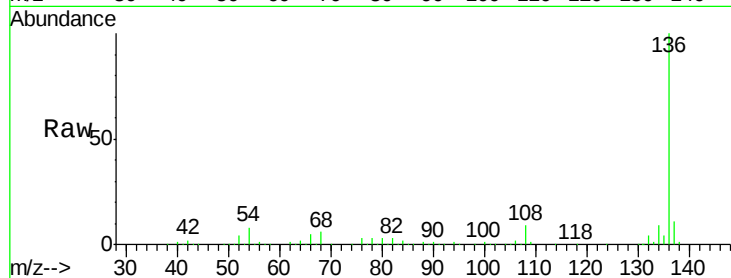




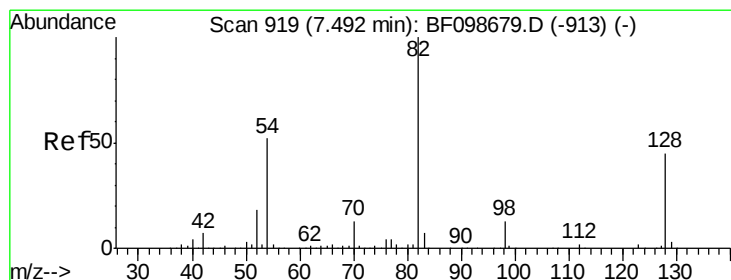
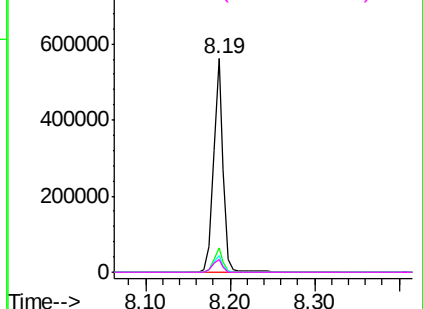
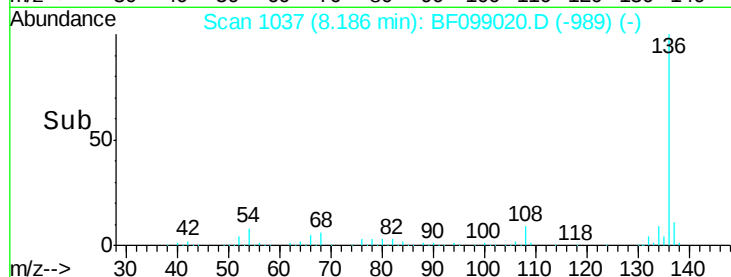
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	458735
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

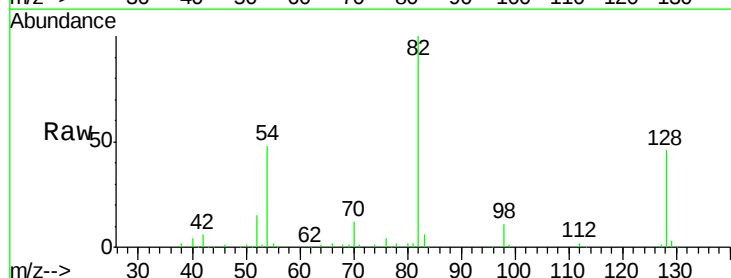


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

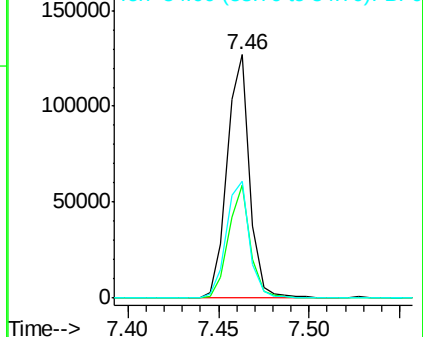
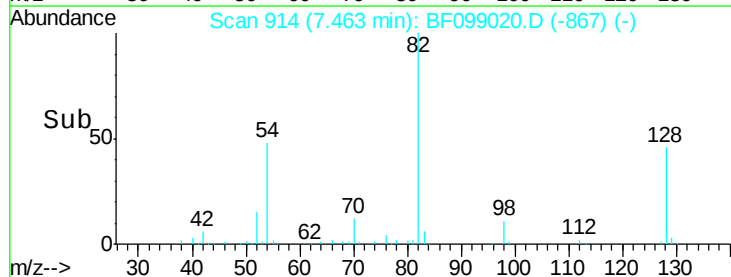


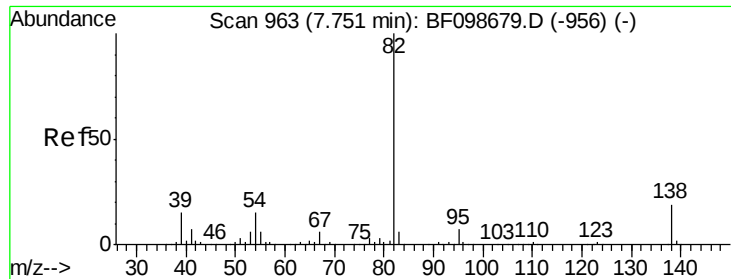
#23
Nitrobenzene-d5
Concen: 15.44 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

Tgt Ion:	82	Resp:	110455
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.8	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





#25

Isophorone

Concen: 7.47 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.28 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

Instrument :

BNA_F

ClientSampleId :

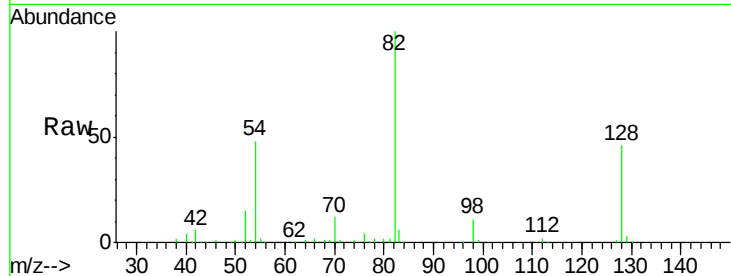
Tot Ion: 82 Resp: 110454

Ion Ratio Lower Upper

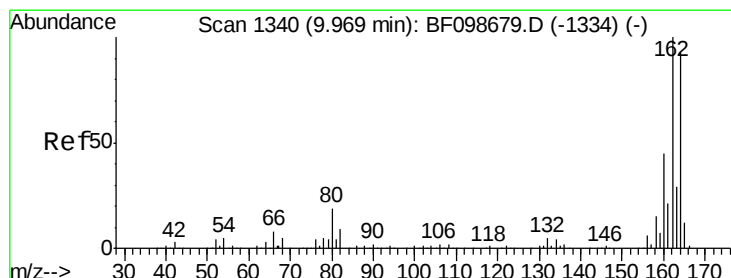
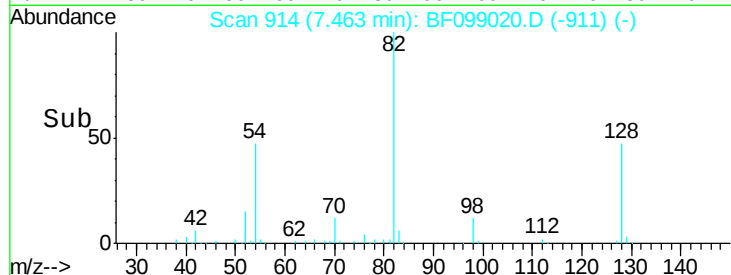
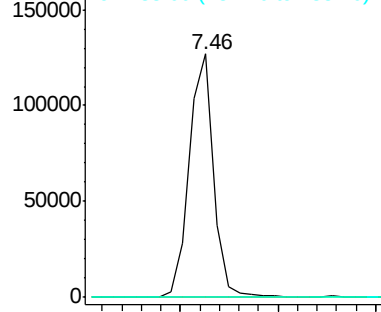
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

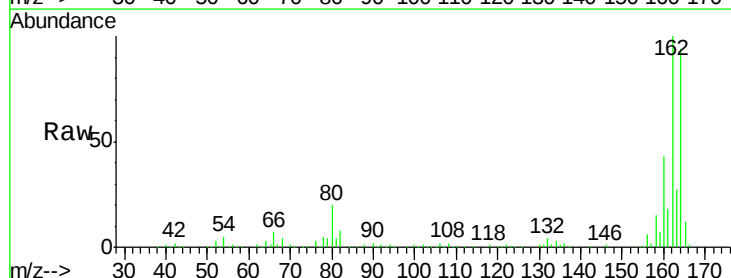
Tgt Ion:164 Resp: 174273

Ion Ratio Lower Upper

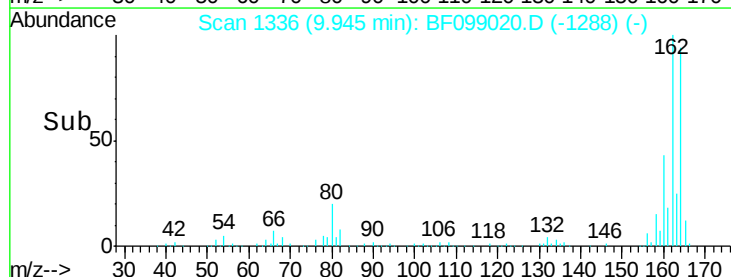
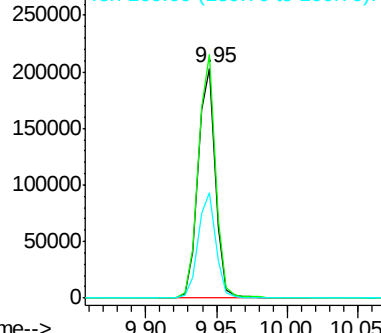
164 100

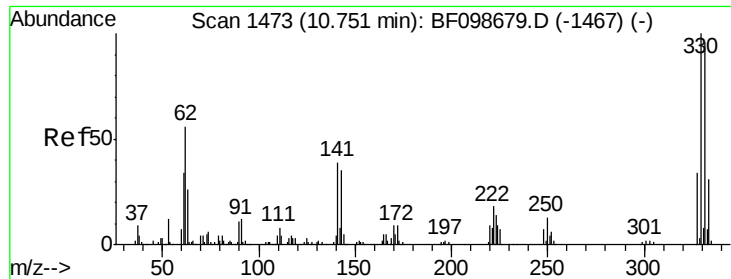
162 106.0 86.1 129.1

160 45.8 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: 1.05 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

Instrument :

BNA_F

ClientSampleId :

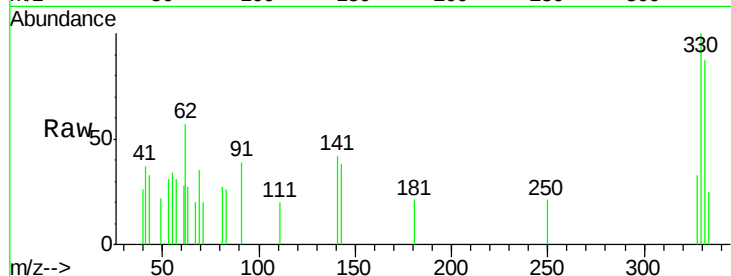
Tot Ion:330 Resp: 1494

Ion Ratio Lower Upper

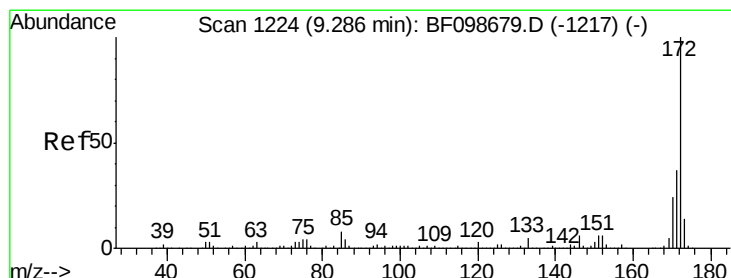
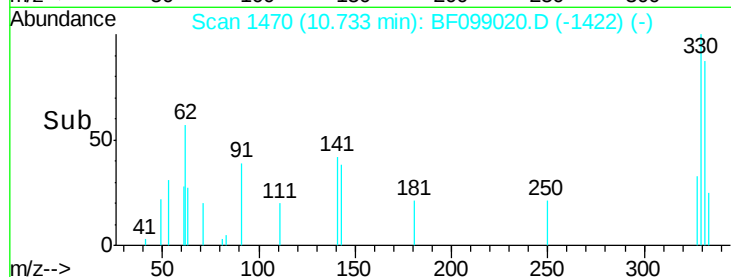
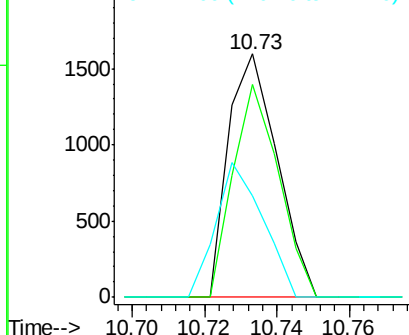
330 100

332 81.7 77.0 115.6

141 53.3 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: 20.06 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

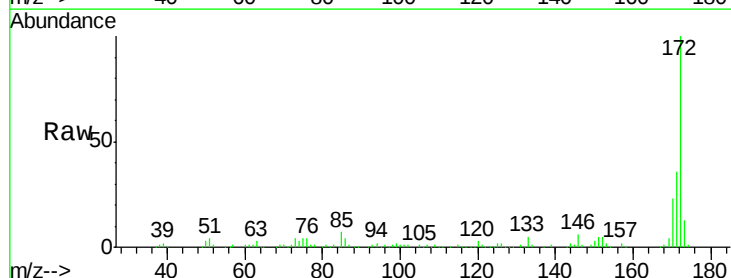
Tgt Ion:172 Resp: 209401

Ion Ratio Lower Upper

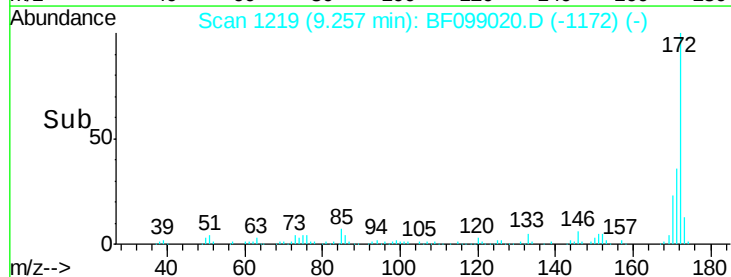
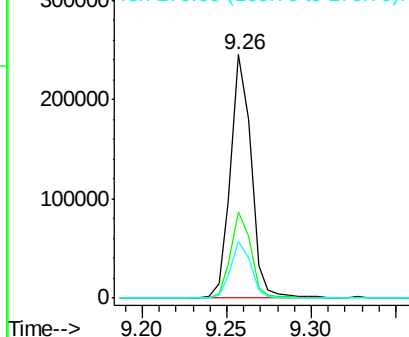
172 100

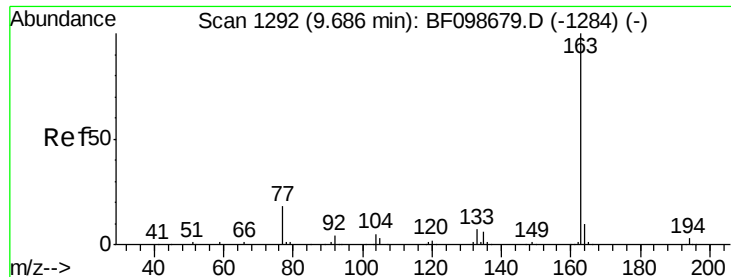
171 35.5 29.7 44.5

170 23.4 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

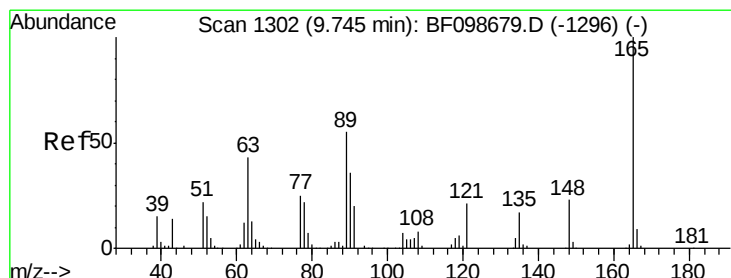
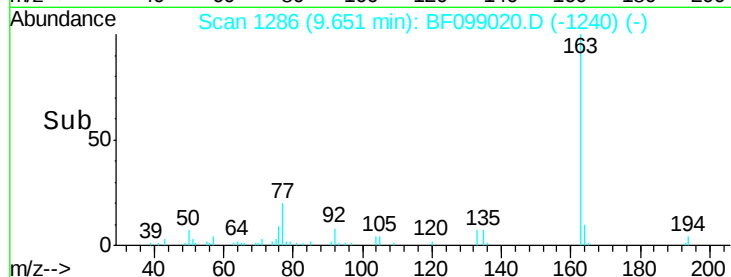
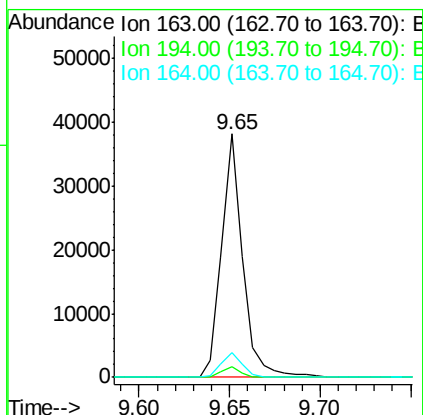
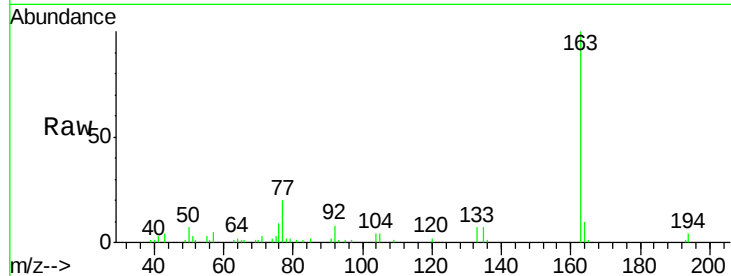




#49
Dimethylphthalate
Concen: 2.36 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

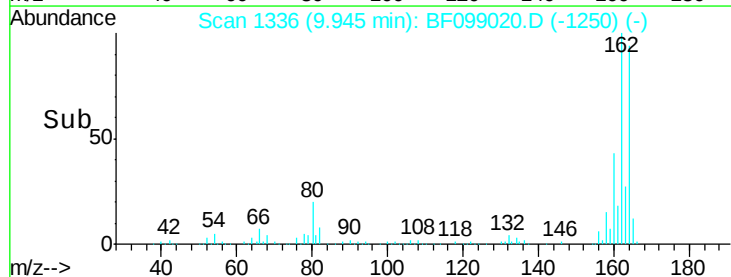
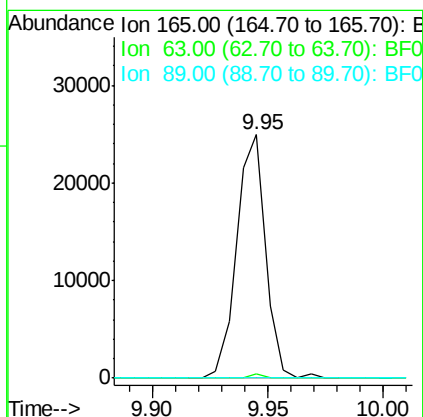
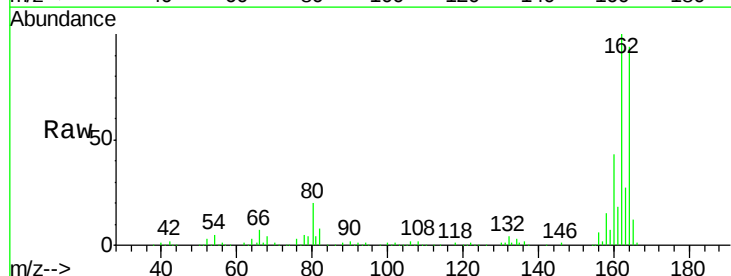
Instrument :
BNA_F
ClientSampled :

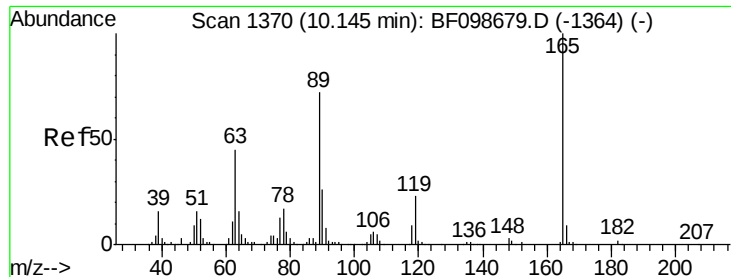
Tot Ion:163 Resp: 31071
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.21 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

Tgt Ion:165 Resp: 21758
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 0.0 44.0 66.0#

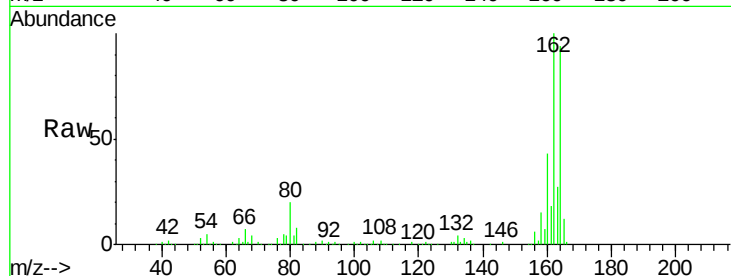




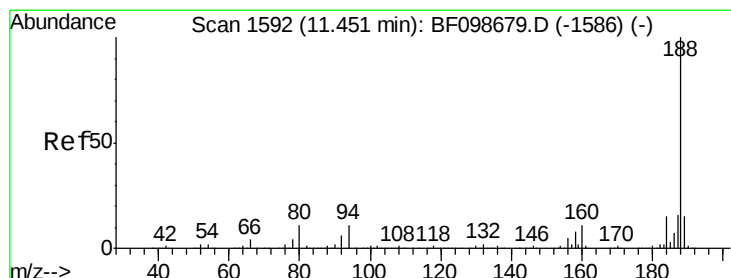
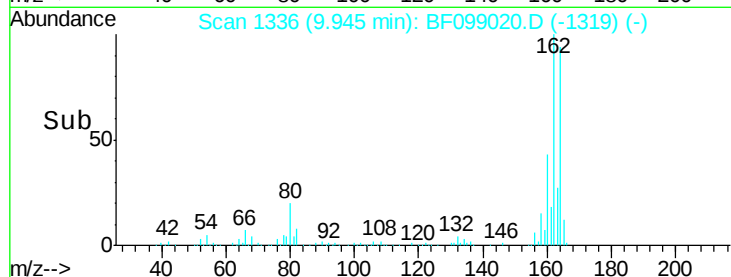
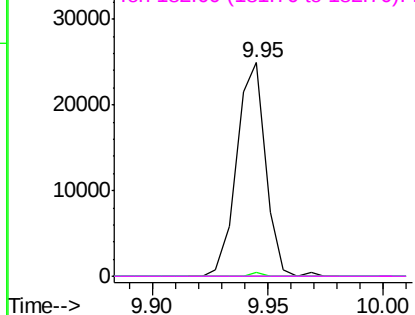
#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.20 min
 Lab File: BF099020.D
 Acq: 3 Oct 2017 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21758
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

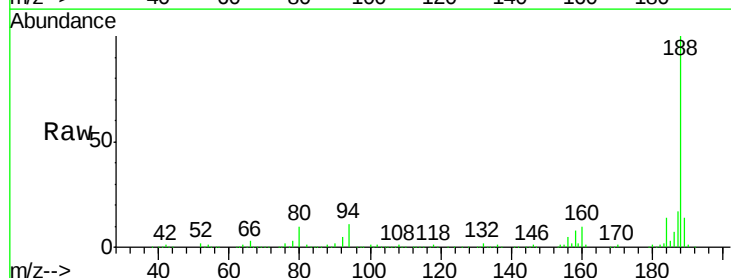


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

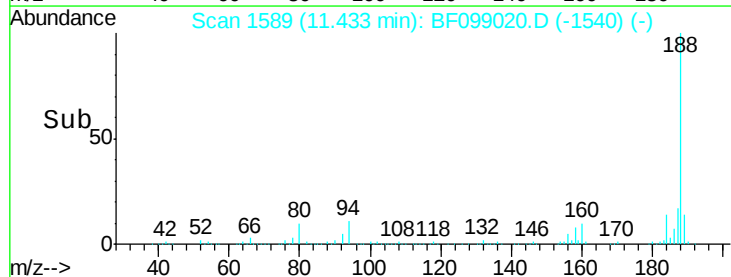
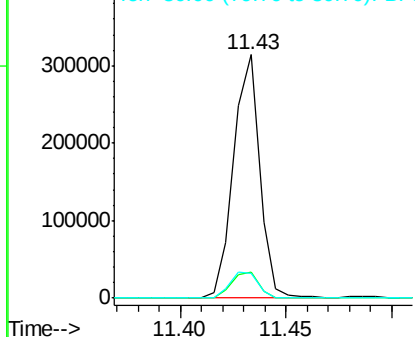


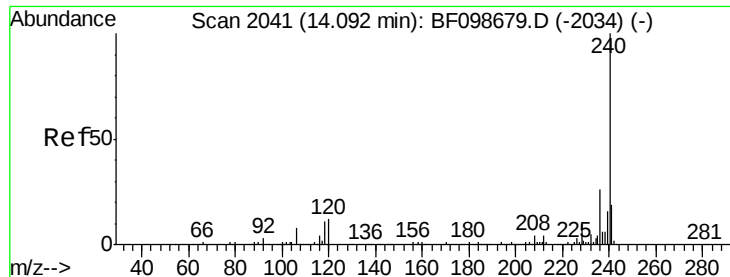
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF099020.D
 Acq: 3 Oct 2017 00:42

Tgt Ion:188 Resp: 268566
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.4 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: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

Instrument :

BNA_F

ClientSampleId :

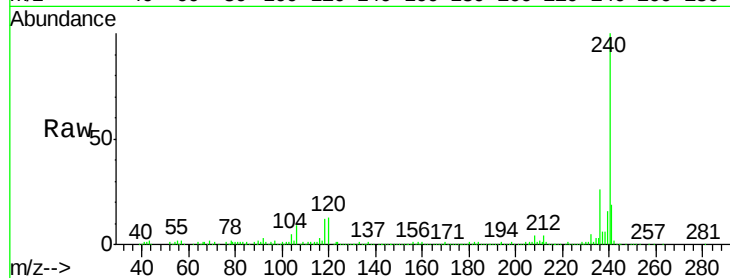
Tot Ion:240 Resp: 251088

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

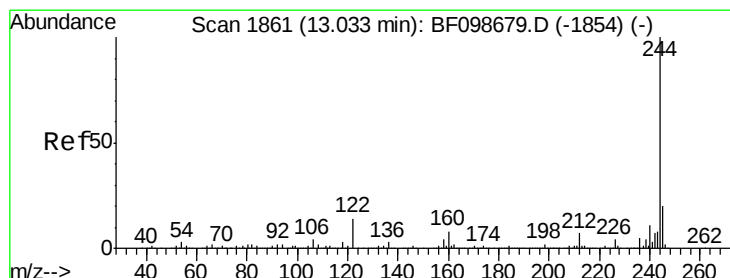
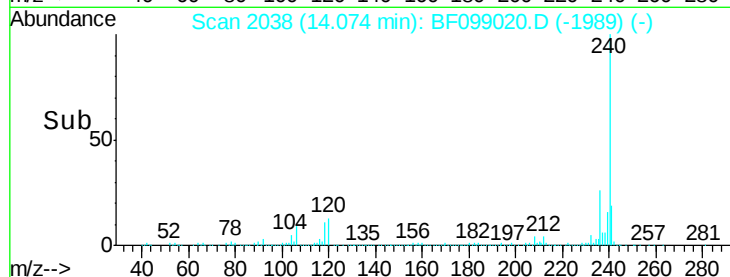
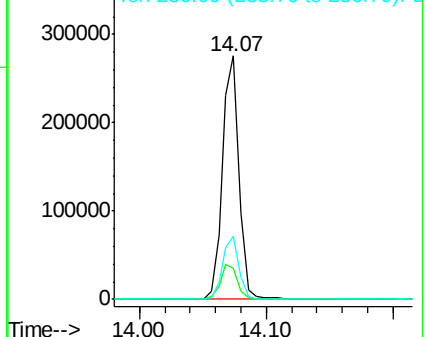
236 26.1 20.7 31.1



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: 13.51 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BF099020.D

Acq: 3 Oct 2017 00:42

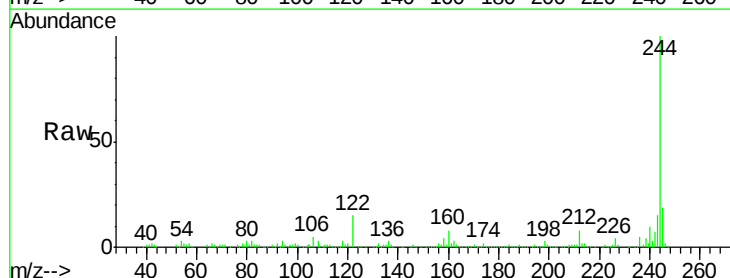
Tgt Ion:244 Resp: 149207

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

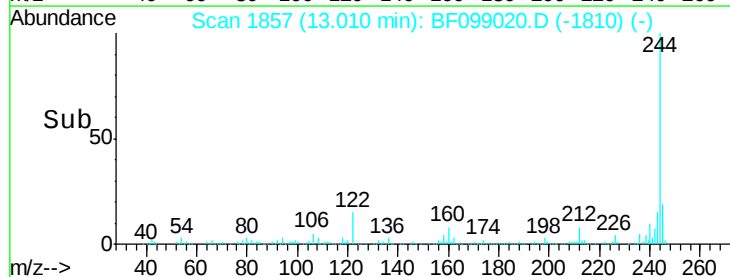
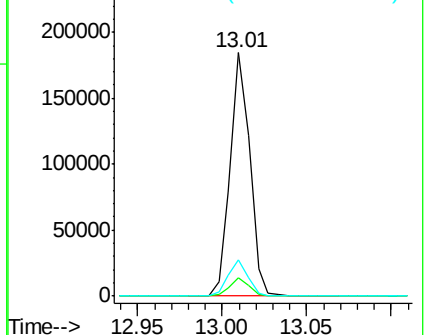
122 15.1 11.0 16.4

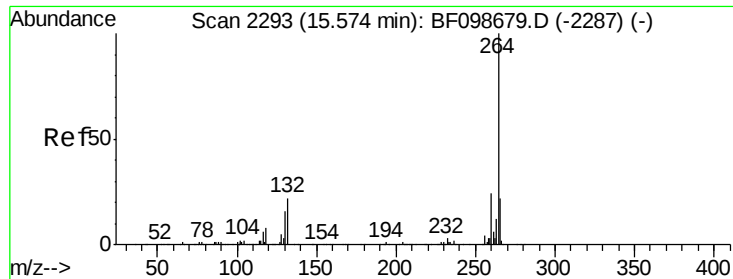


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF099020.D
Acq: 3 Oct 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

