

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099879.D
 Acq On : 27 Oct 2017 16:06
 Operator : SJ/JU
 Sample : I6112-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 17:28:47 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

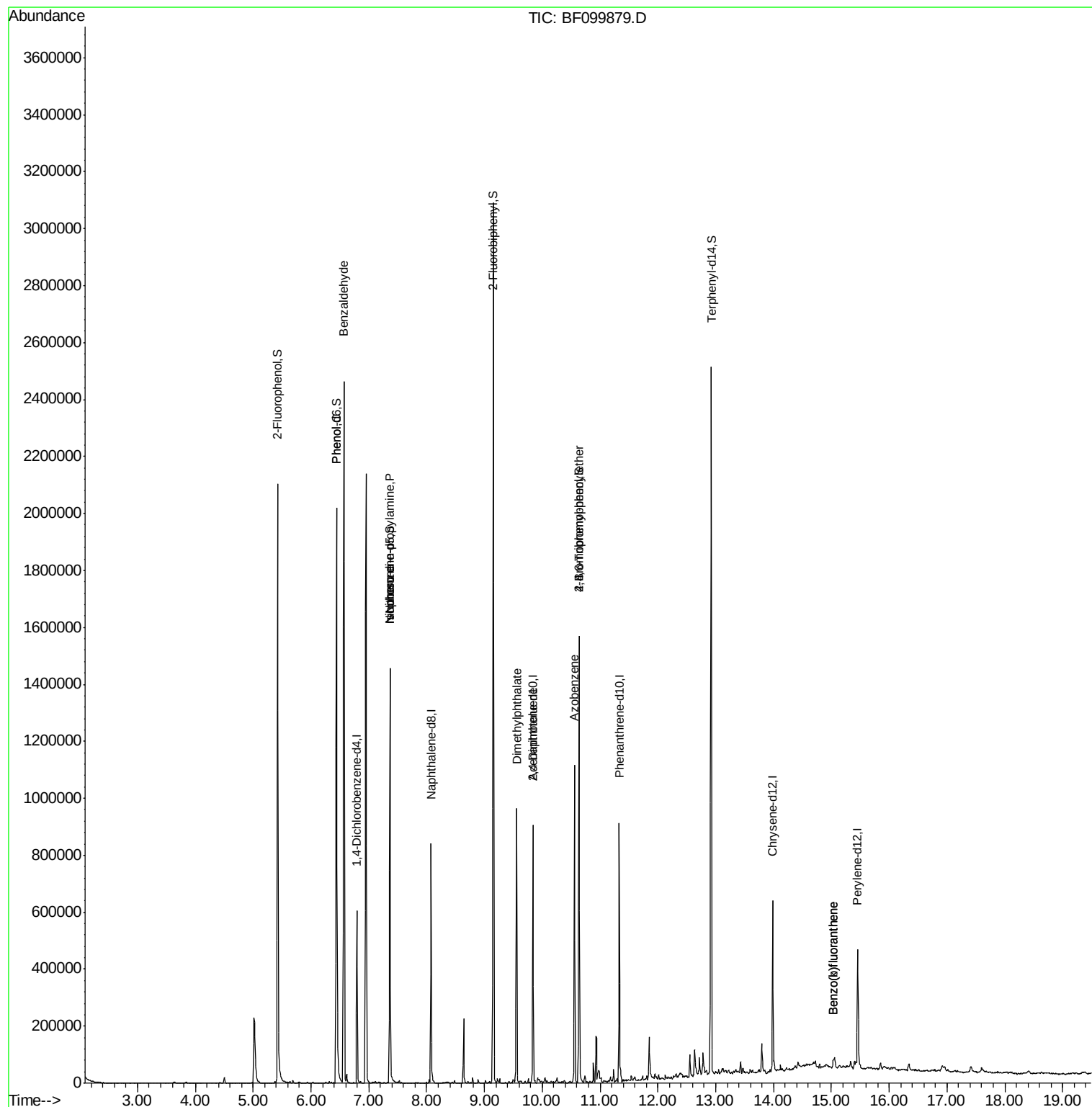
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94304	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	392512	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	180705	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	316587	20.00	ng	0.00
75) Chrysene-d12	13.99	240	188265	20.00	ng	0.00
86) Perylene-d12	15.46	264	185604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	762806	126.99	ng	0.00
7) Phenol-d6	6.45	99	915722	128.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	537775	88.21	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	209321	127.11	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1089061	92.98	ng	0.00
78) Terphenyl-d14	12.92	244	880263	102.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	13138	3.087	ng	97
10) Phenol	6.45	94	56906	7.277	ng	85
19) n-Nitroso-di-n-propylamine	7.37	70	67432	16.156	ng	# 73
25) Isophorone	7.37	82	537775	48.610	ng	# 64
49) Dimethylphthalate	9.56	163	420701	29.398	ng	99
56) 2,4-Dinitrotoluene	9.84	165	24032	6.633	ng	# 23
62) Azobenzene	10.56	77	180420	15.401	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	13726	4.118	ng	# 1
87) Benzo(b)fluoranthene	15.03	252	23804	2.031	ng	# 93
88) Benzo(k)fluoranthene	15.03	252	23804	2.154	ng	# 96

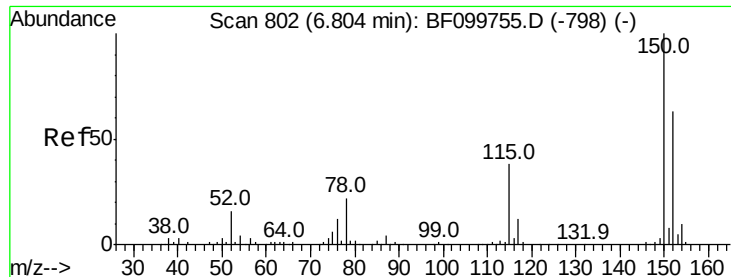
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099879.D
Acq On : 27 Oct 2017 16:06
Operator : SJ/JU
Sample : I6112-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 27 17:28:47 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



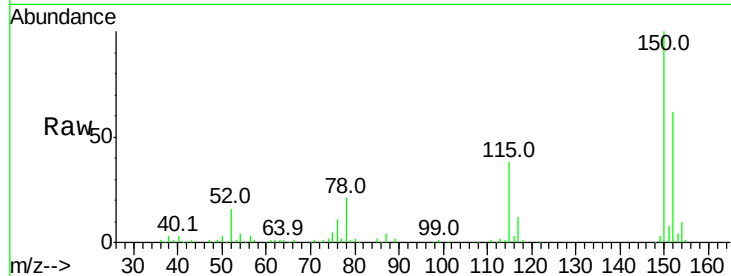


#1

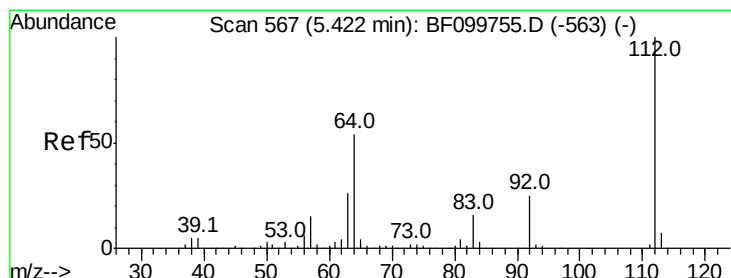
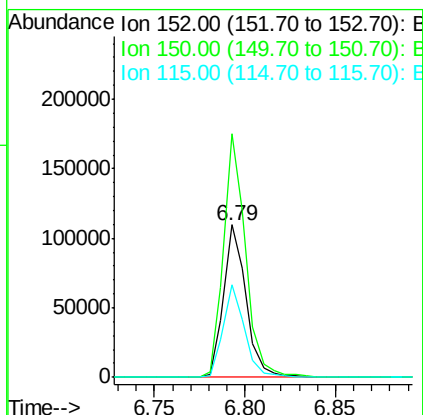
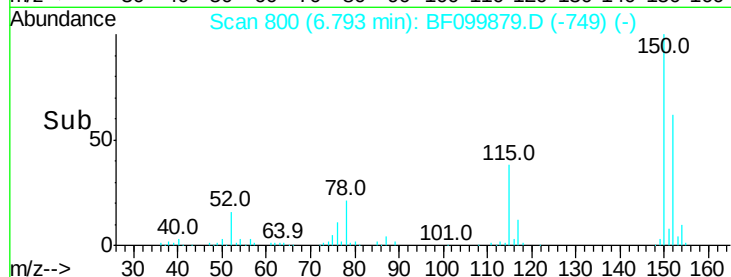
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94304
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 60.7 50.1 75.1



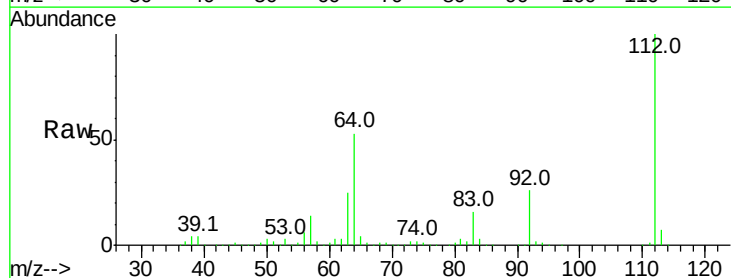
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



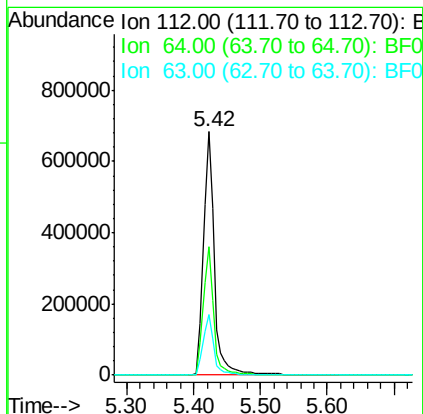
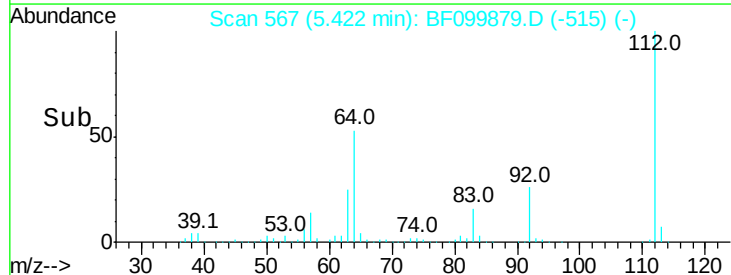
#5

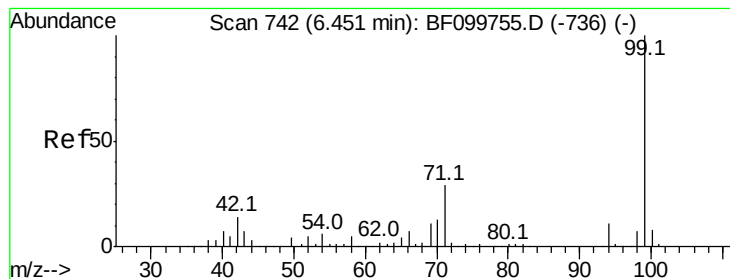
2-Fluorophenol
Concen: 126.991 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Tgt Ion:112 Resp: 762806
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 24.7 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: 128.571 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

Instrument :

BNA_F

ClientSampled :

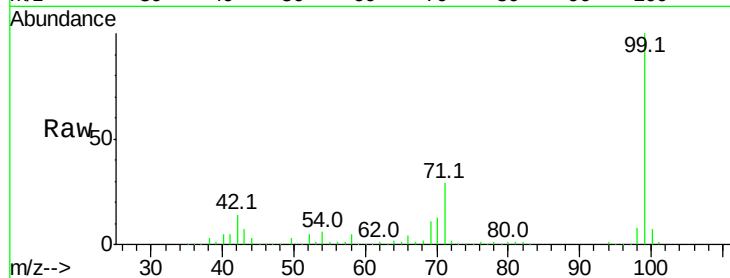
Tot Ion: 99 Resp: 915722

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

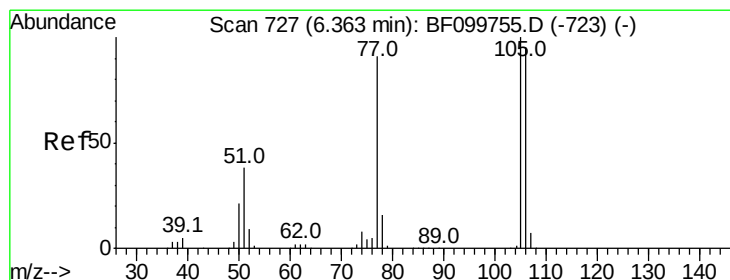
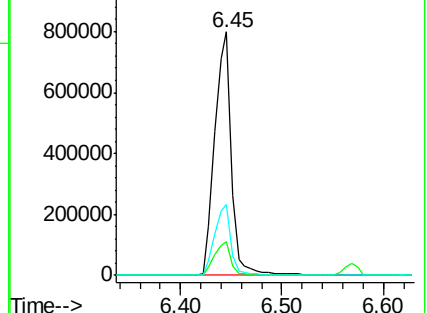
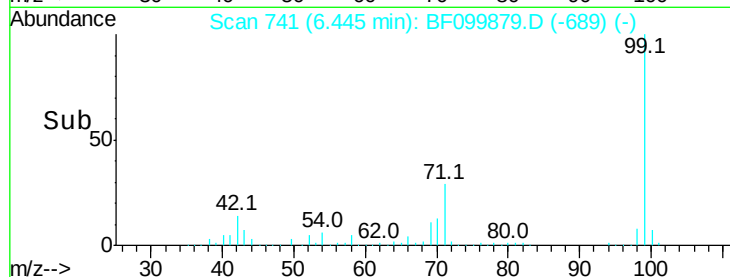
71 29.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.087 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

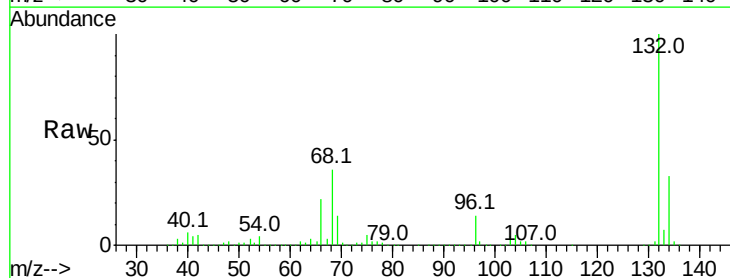
Tgt Ion: 77 Resp: 13138

Ion Ratio Lower Upper

77 100

105 95.7 81.1 121.1

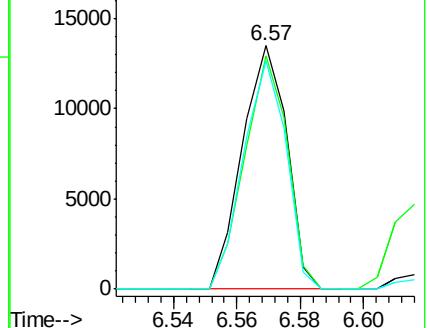
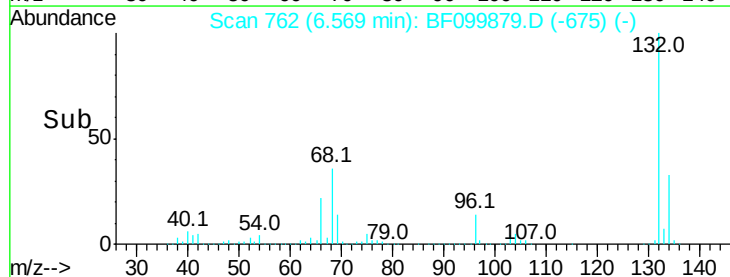
106 94.0 74.5 114.5

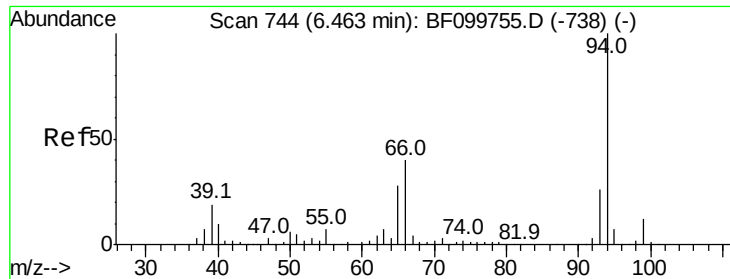


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

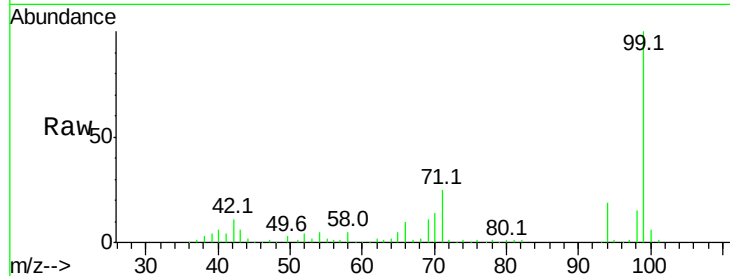




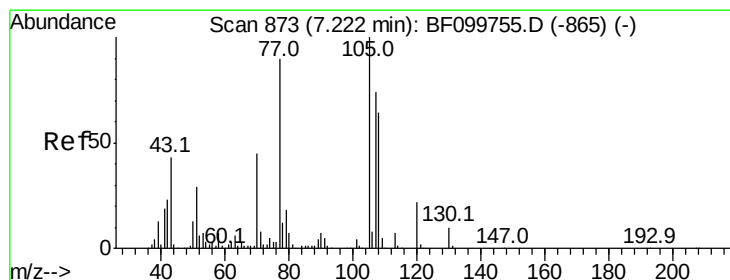
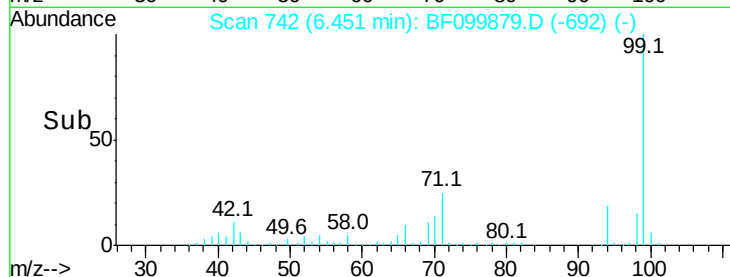
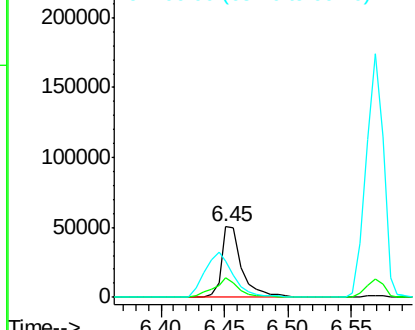
#10
Phenol
Concen: 7.277 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 56906
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 51.3 16.2 56.2

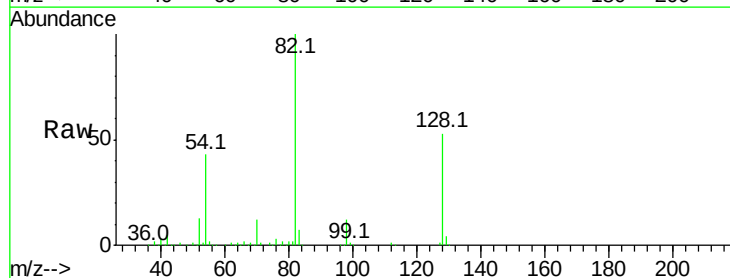


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

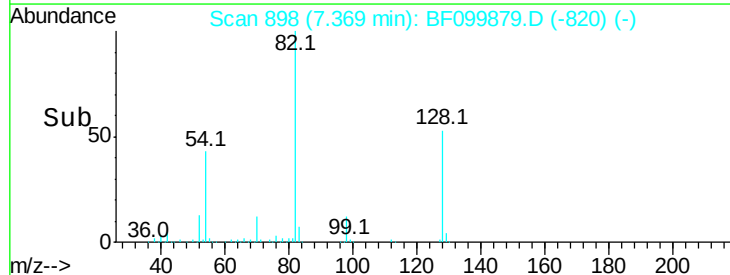
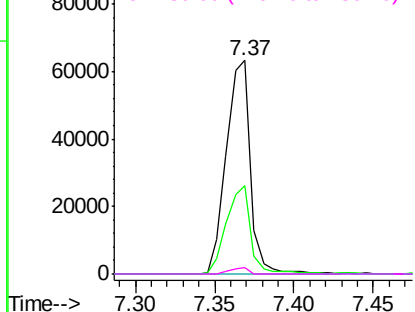


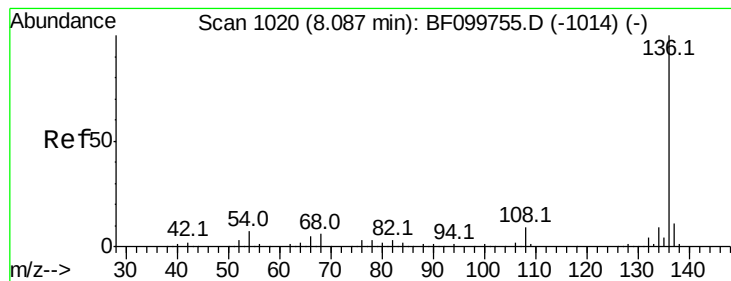
#19
n-Nitroso-di-n-propylamine
Concen: 16.156 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Tgt Ion: 70 Resp: 67432
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 3.2 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: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 392512

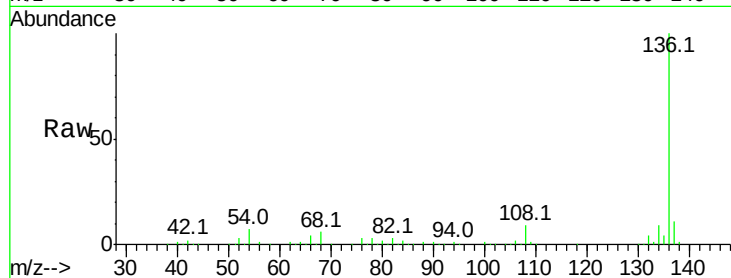
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

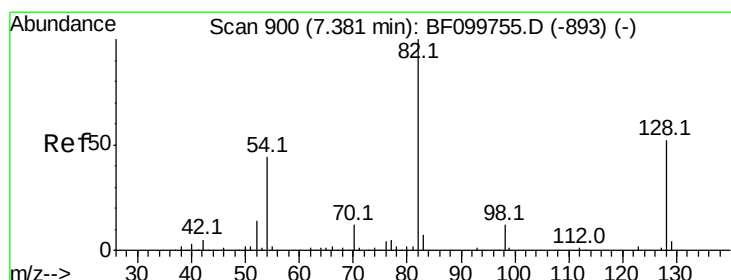
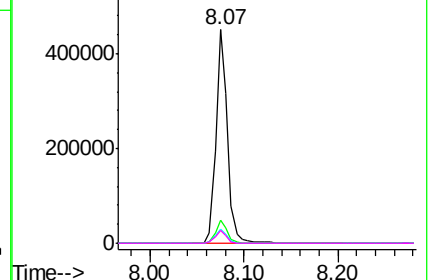
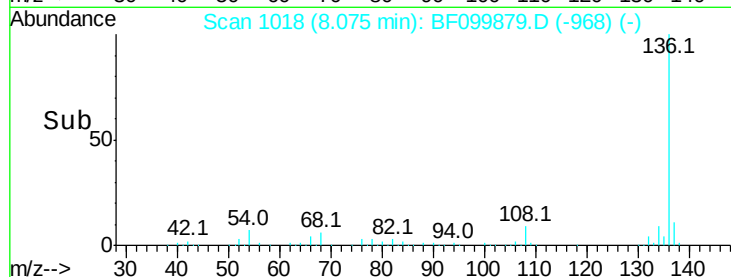


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.207 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

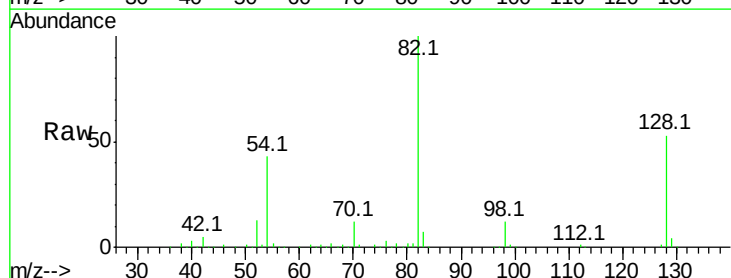
Tgt Ion: 82 Resp: 537775

Ion Ratio Lower Upper

82 100

128 53.0 36.1 54.1

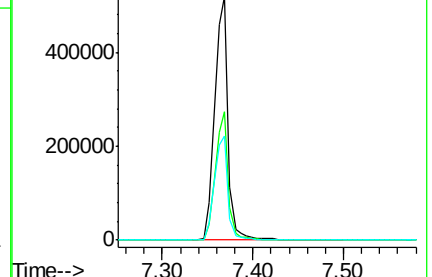
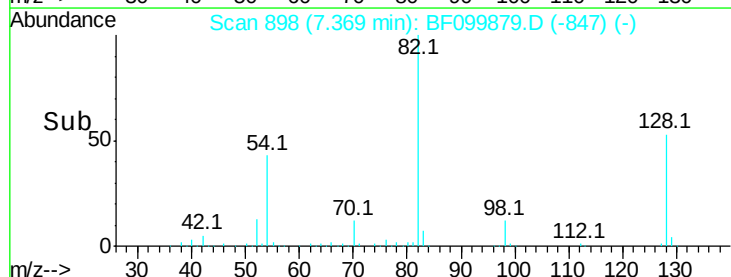
54 43.0 41.4 62.2

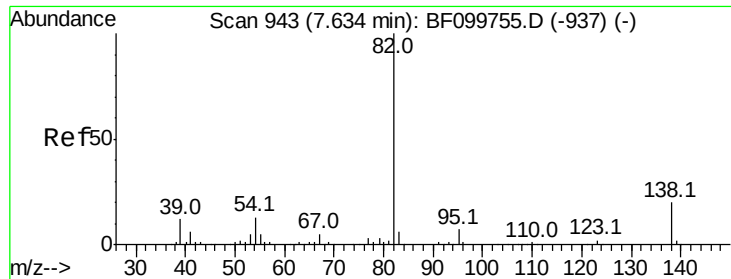


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

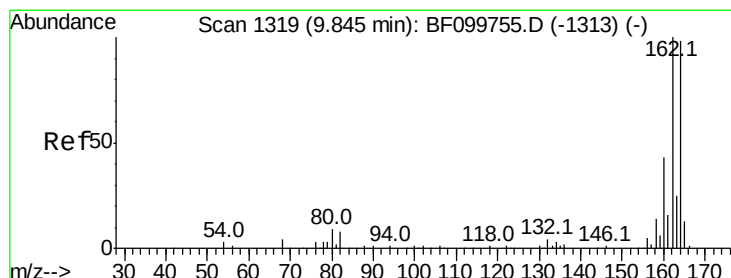
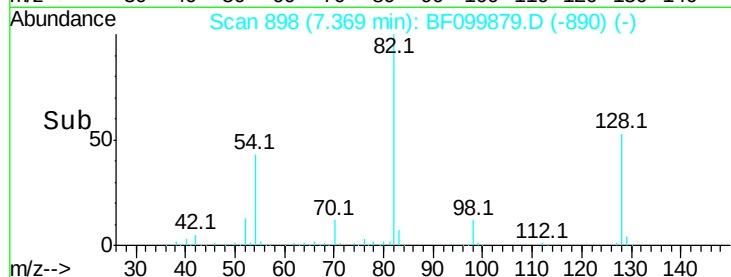
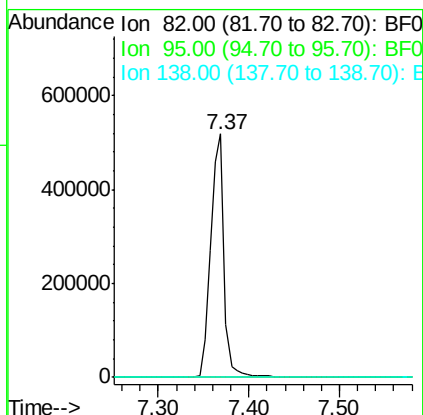
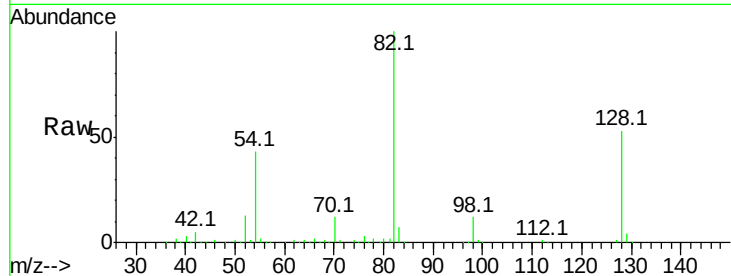




#25
Isophorone
Concen: 48.610 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

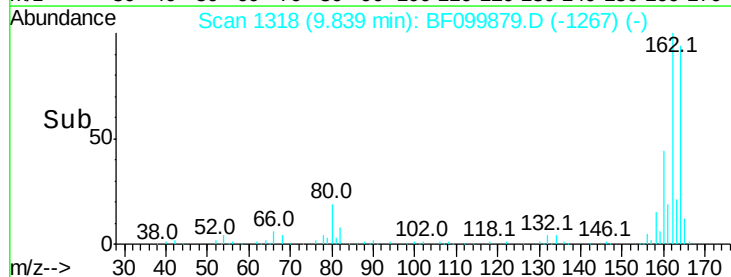
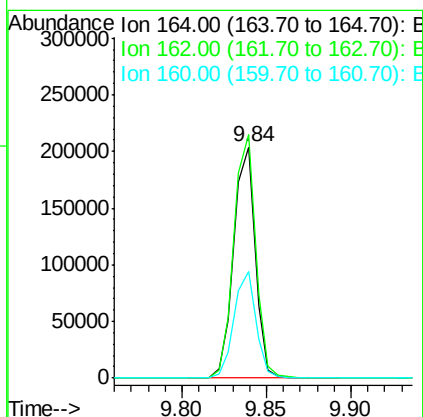
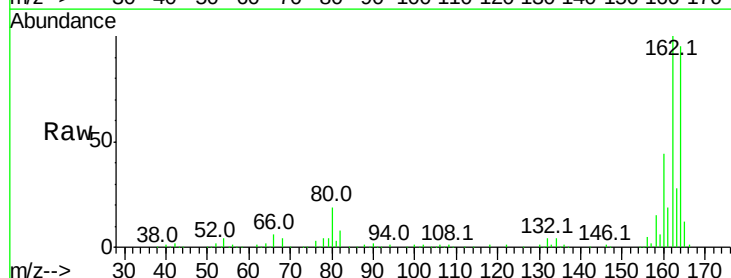
Instrument :
BNA_F
ClientSampled :

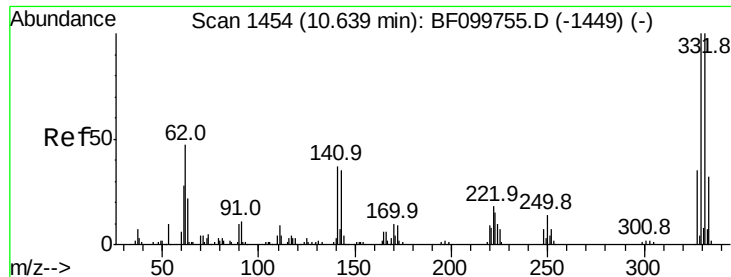
Tot Ion: 82 Resp: 537775
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Tgt Ion:164 Resp: 180705
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 46.3 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 127.108 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

Instrument :

BNA_F

ClientSampleId :

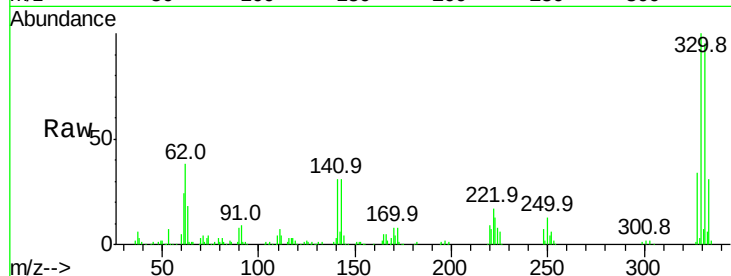
Tot Ion:330 Resp: 209321

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

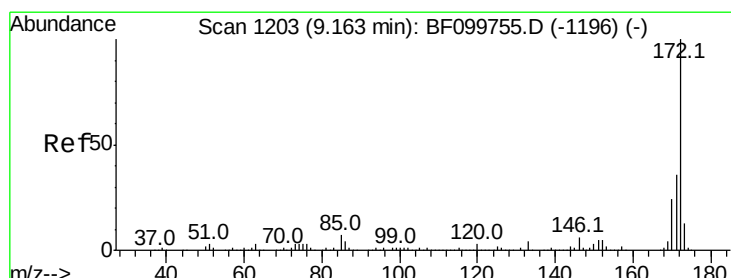
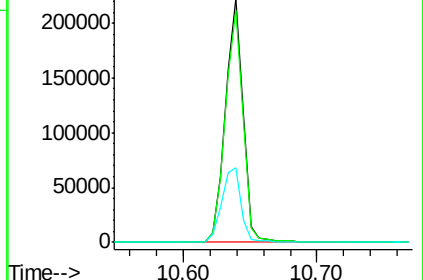
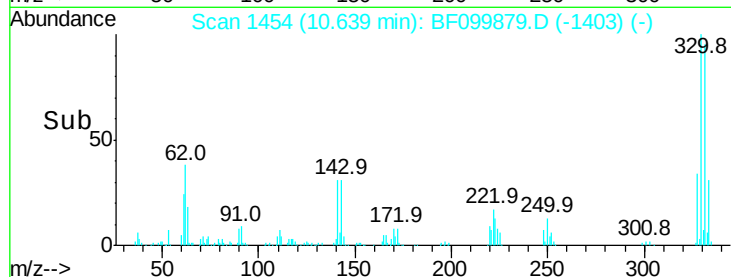
141 33.7 29.9 44.9



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: 92.983 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

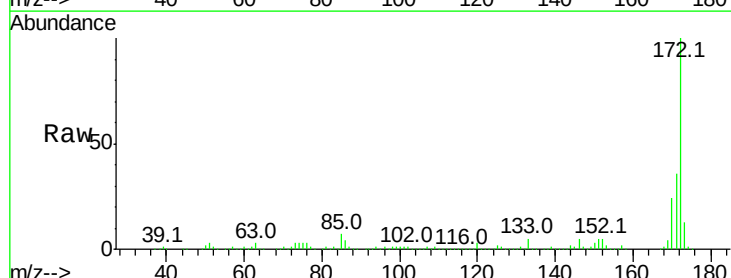
Tgt Ion:172 Resp: 1089061

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

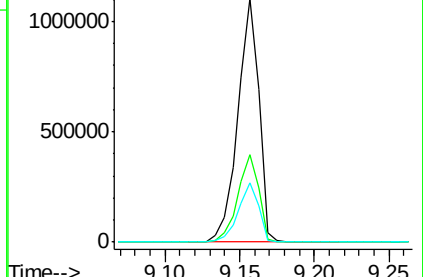
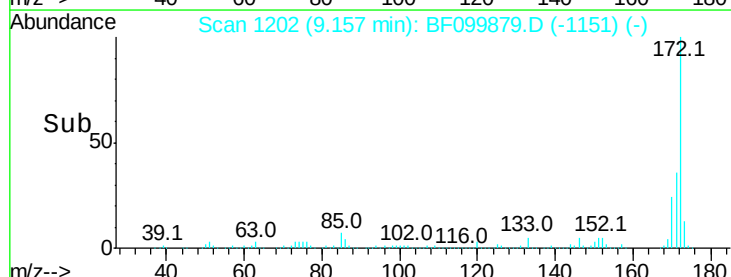
170 24.1 19.6 29.4

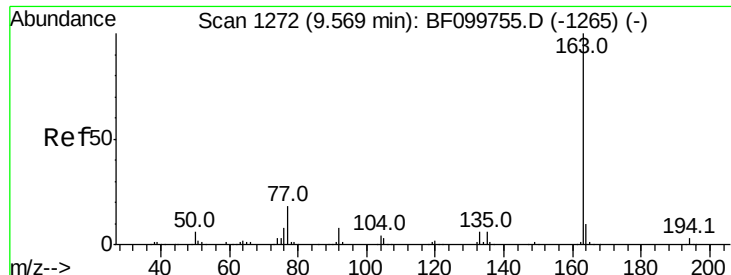


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

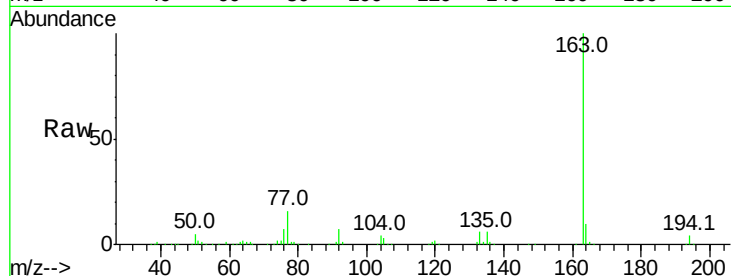




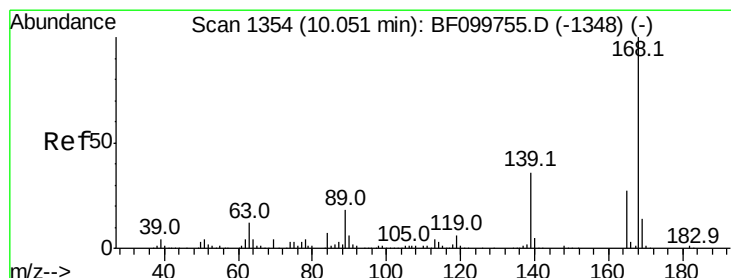
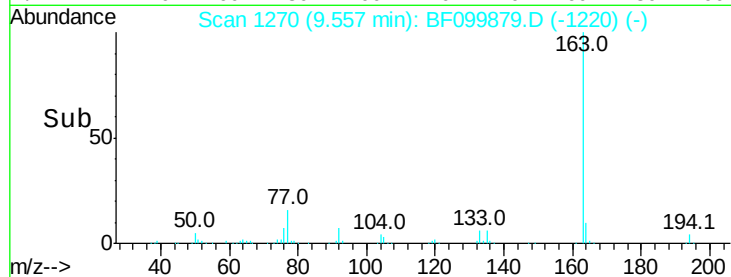
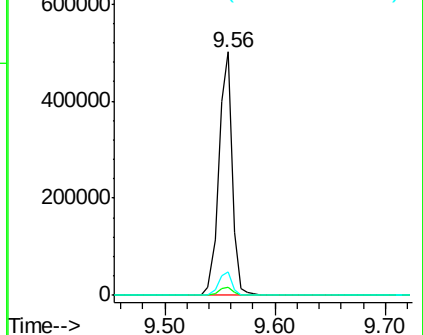
#49
Dimethylphthalate
Concen: 29.398 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 420701
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2

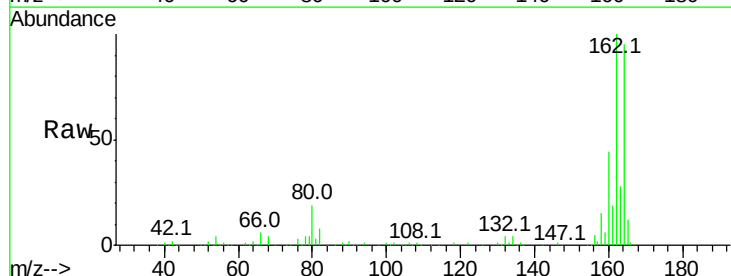


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

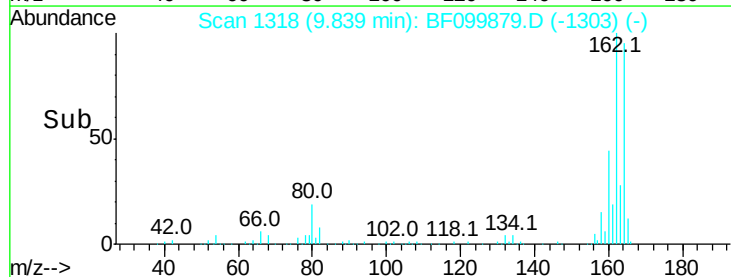
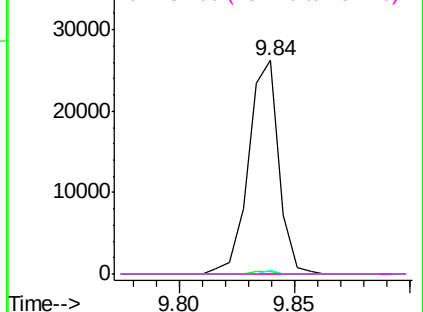


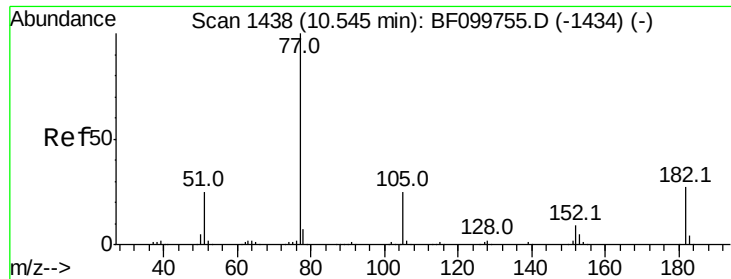
#56
2,4-Dinitrotoluene
Concen: 6.633 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Tgt Ion:165 Resp: 24032
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 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





#62

Azobenzene

Concen: 15.401 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 180420

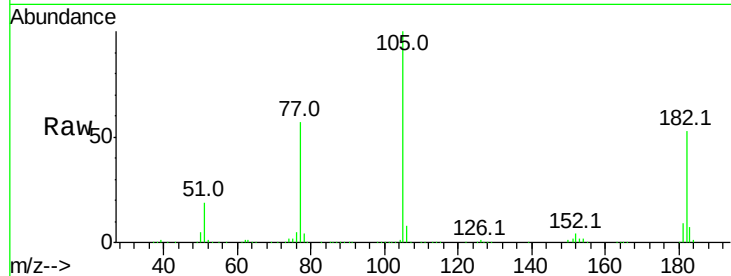
Ion Ratio Lower Upper

77 100

182 93.2 1.7 41.7#

105 176.2 3.0 43.0#

51 32.7 9.9 49.9



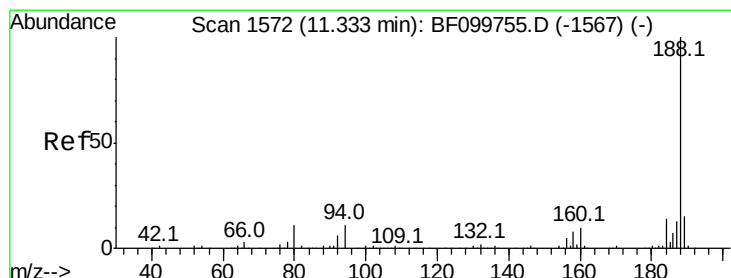
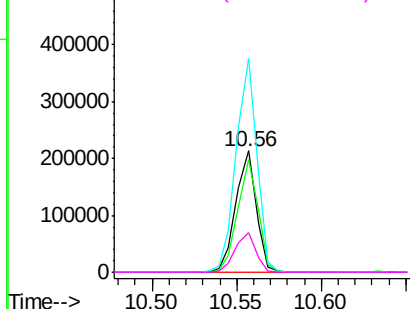
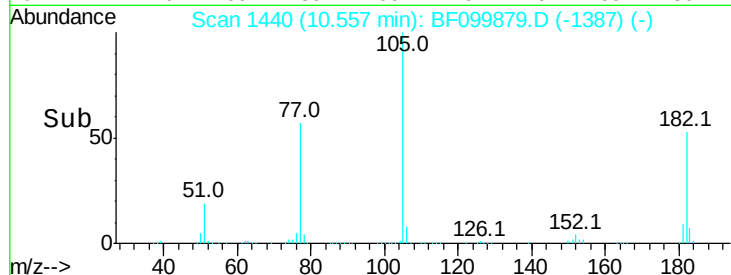
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

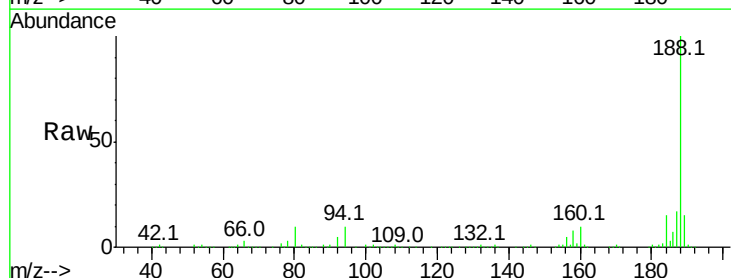
Tgt Ion: 188 Resp: 316587

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

80 10.3 9.2 13.8

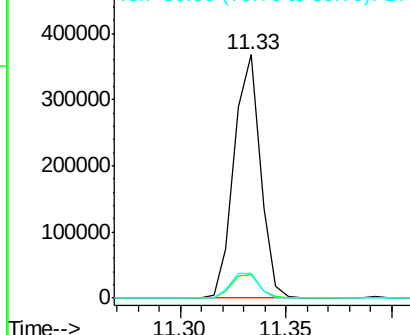
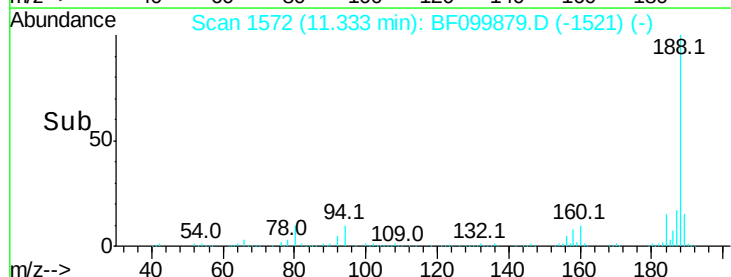


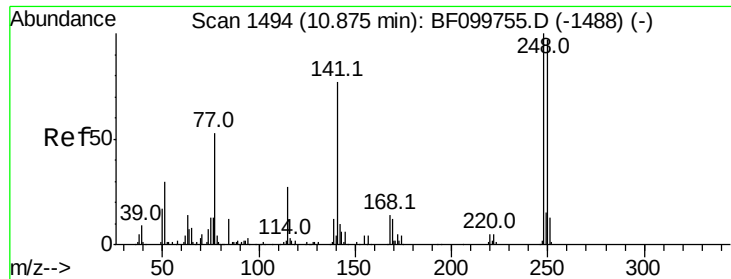
Abundance

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

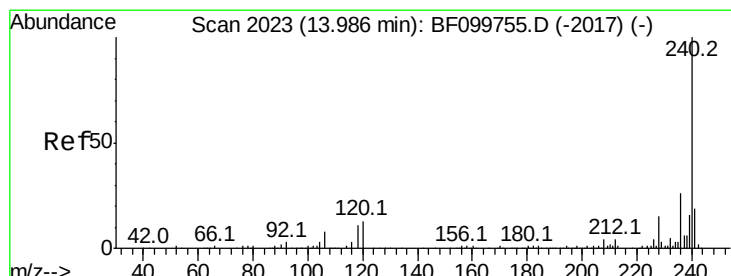
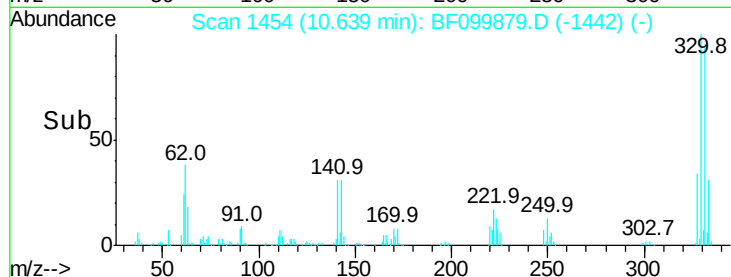
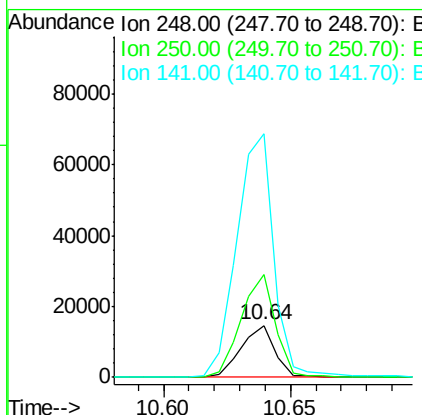
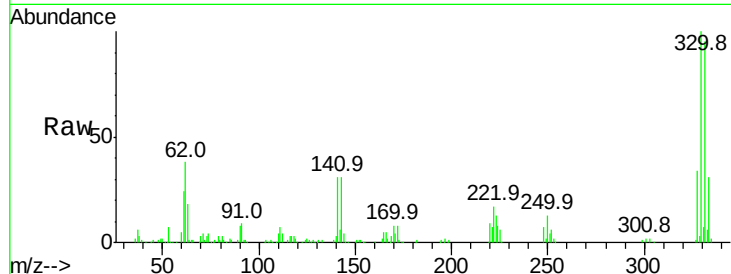




#66
 4-Bromophenyl-phenylether
 Concen: 4.118 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.23 min
 Lab File: BF099879.D
 Acq: 27 Oct 2017 16:06

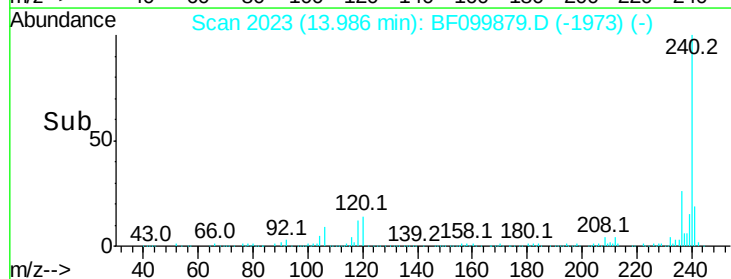
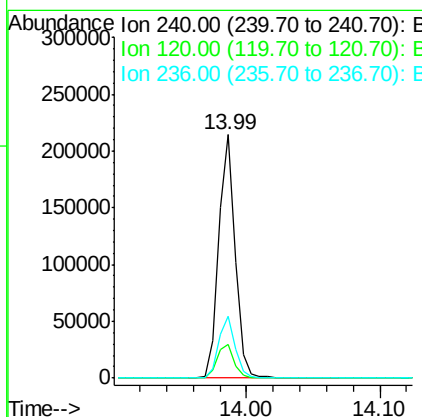
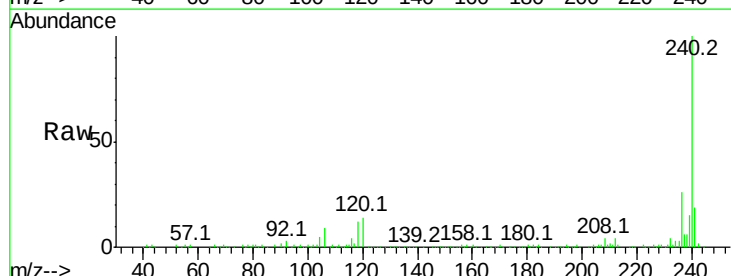
Instrument :
 BNA_F
 ClientSampleId :

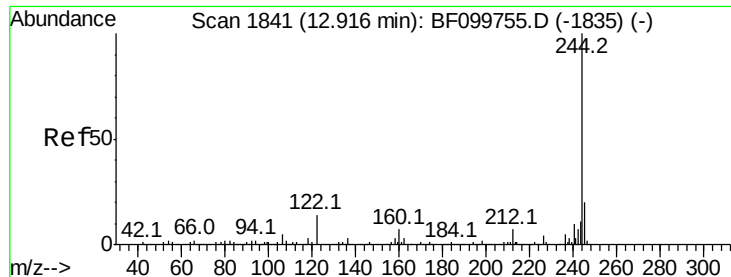
Tot Ion:248 Resp: 13726
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.9 115.3#
 141 467.2 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099879.D
 Acq: 27 Oct 2017 16:06

Tgt Ion:240 Resp: 188265
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 102.181 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

Instrument :

BNA_F

ClientSampled :

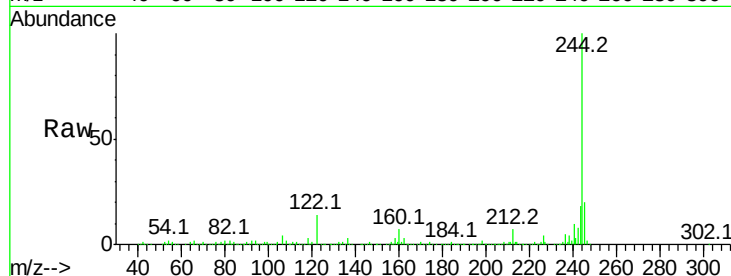
Tot Ion:244 Resp: 880263

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

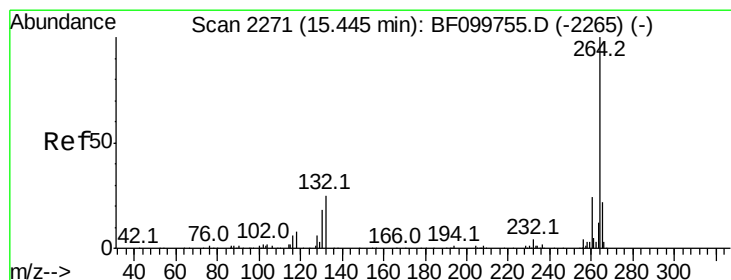
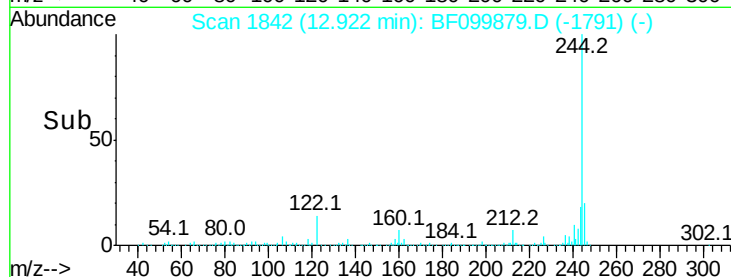
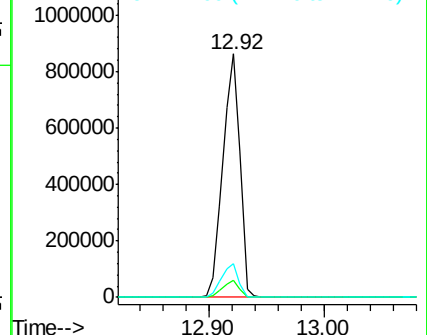
122 13.7 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099879.D

Acq: 27 Oct 2017 16:06

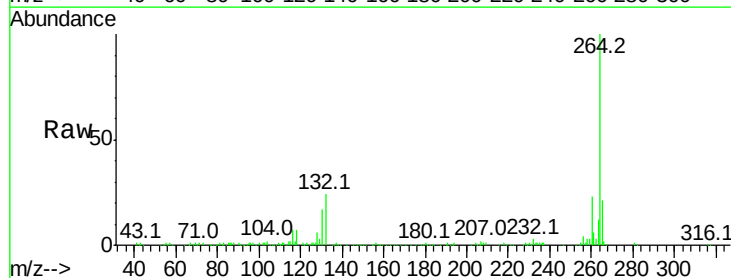
Tgt Ion:264 Resp: 185604

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

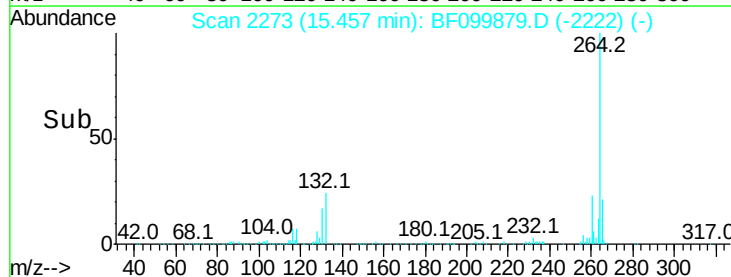
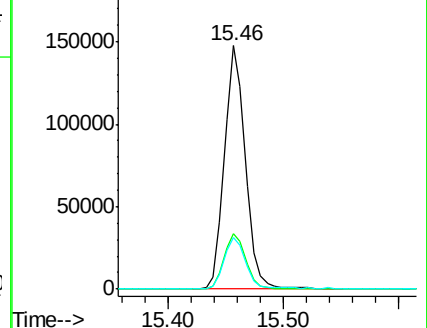
265 21.4 17.5 26.3

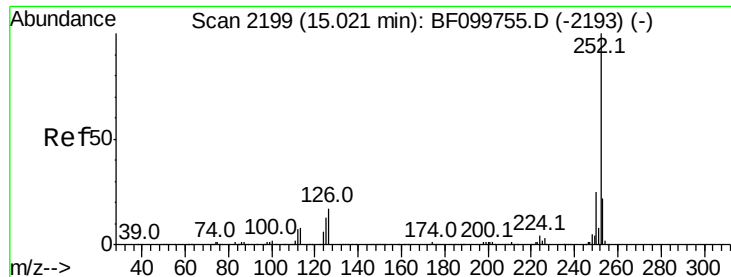


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

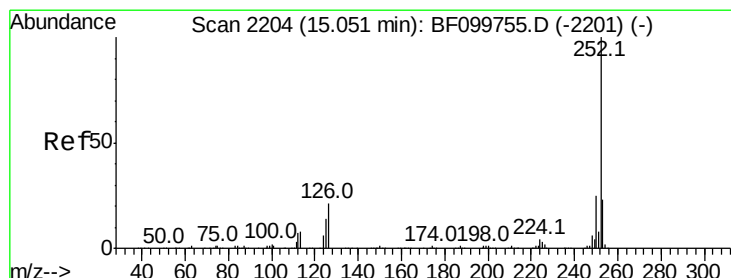
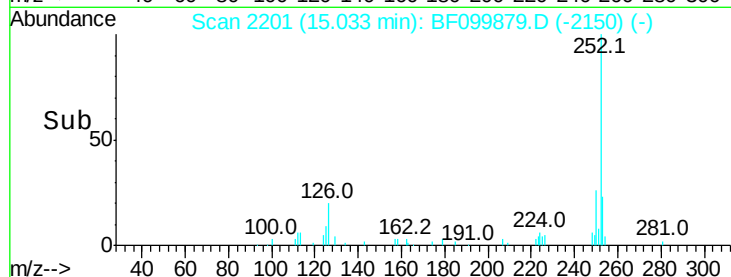
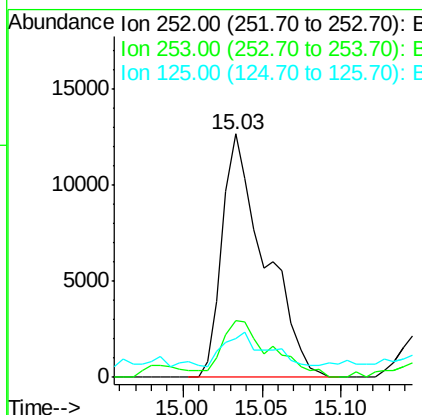
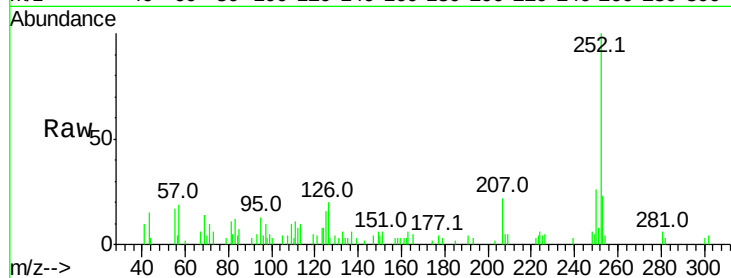




#87
Benzo(b)fluoranthene
Concen: 2.031 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 23804
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 15.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.154 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099879.D
Acq: 27 Oct 2017 16:06

Tgt Ion:252 Resp: 23804
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 15.9 10.2 15.2#

