

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099589.D
 Acq On : 17 Oct 2017 19:00
 Operator : SJ/JU
 Sample : I5794-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:53:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

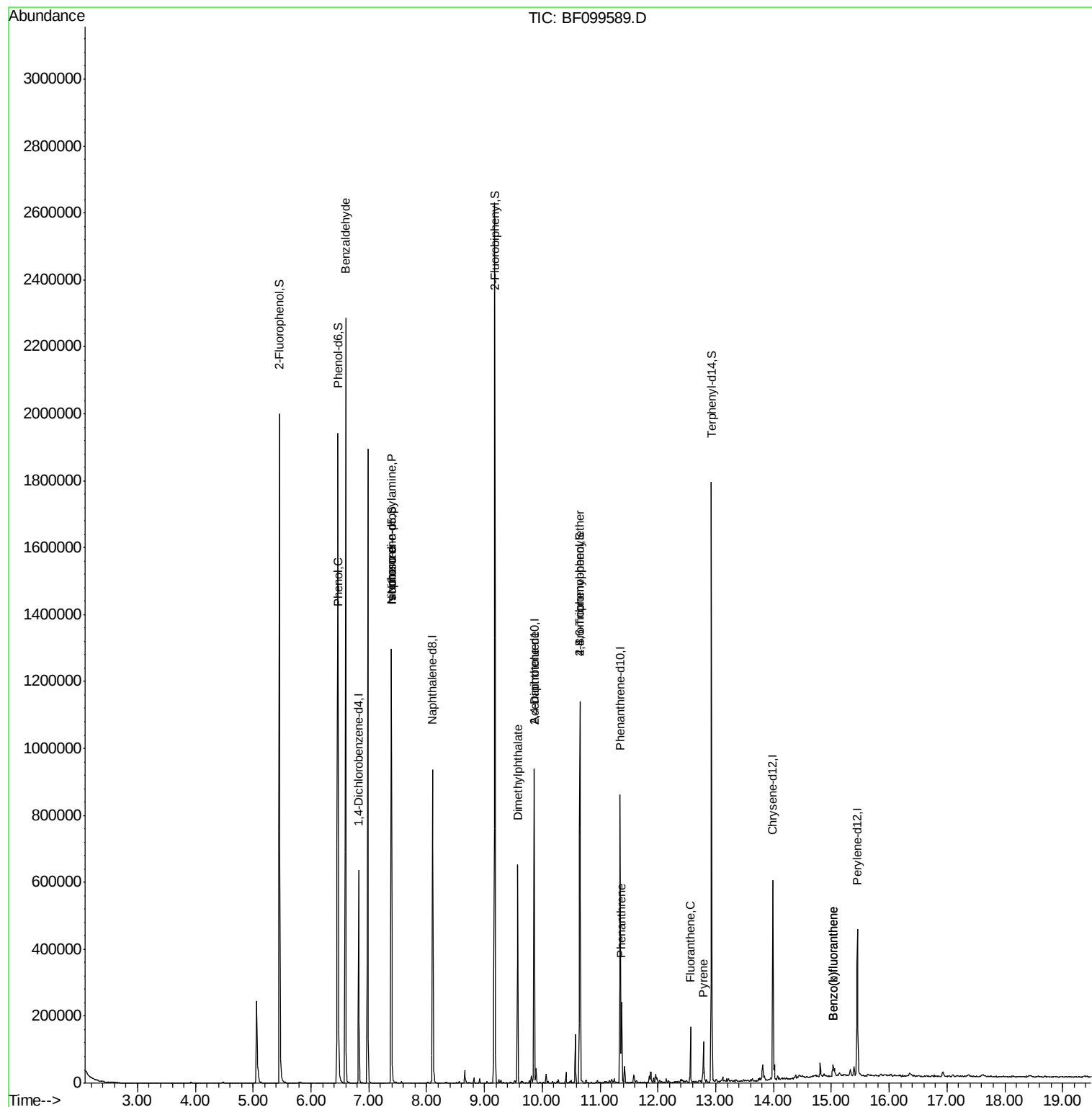
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	104891	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	436233	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	196730	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	321382	20.00	ng	0.00
75) Chrysene-d12	13.99	240	184553	20.00	ng	-0.01
86) Perylene-d12	15.45	264	184508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	645076	97.90	ng	0.01
7) Phenol-d6	6.46	99	787148	96.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	451065	66.31	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	121770	75.64	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	875983	74.33	ng	0.00
78) Terphenyl-d14	12.93	244	593742	73.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	12848	2.72	ng	87
10) Phenol	6.47	94	54296	5.97	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	56847	10.95	ng	# 72
25) Isophorone	7.39	82	451061	32.07	ng	# 64
49) Dimethylphthalate	9.57	163	251520	16.94	ng	99
56) 2,4-Dinitrotoluene	9.86	165	25629	6.11	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	8224	2.61	ng	# 1
70) Phenanthrene	11.37	178	89676	5.21	ng	98
74) Fluoranthene	12.56	202	59299	3.40	ng	97
77) Pyrene	12.79	202	44558	3.17	ng	98
87) Benzo(b)fluoranthene	15.03	252	24074	2.12	ng	# 93
88) Benzo(k)fluoranthene	15.03	252	24074	2.15	ng	96

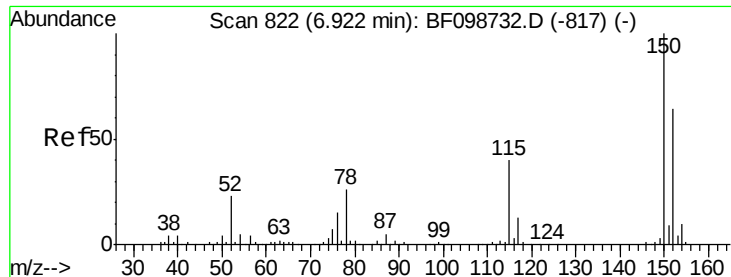
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
Data File : BF099589.D
Acq On : 17 Oct 2017 19:00
Operator : SJ/JU
Sample : I5794-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 22:53:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 17:32:20 2017
Response via : Initial Calibration



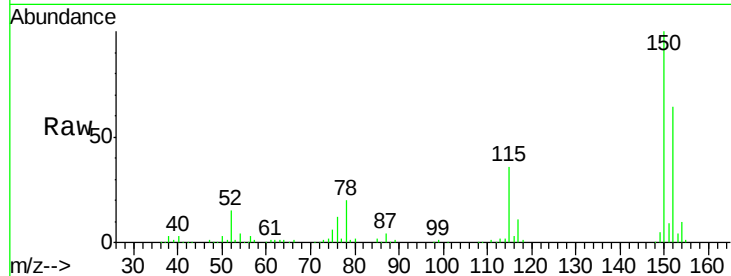


#1

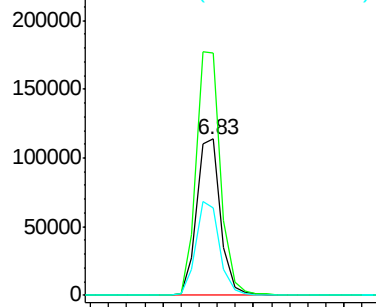
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099589.D
Acq: 17 Oct 2017 19:00

Instrument :
BNA_F
ClientSampled :

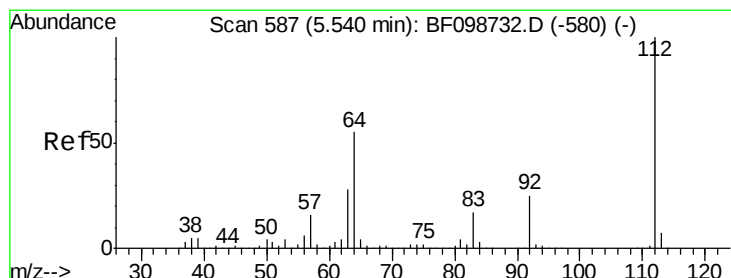
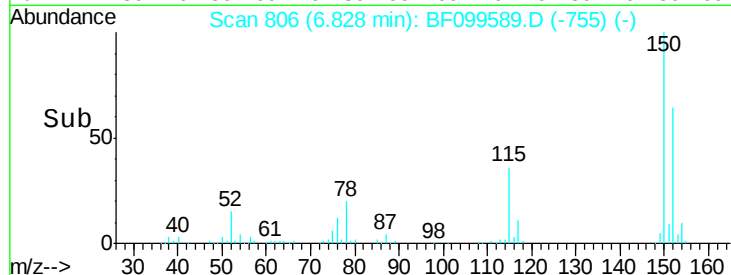
Tot Ion:152 Resp: 104891
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 55.9 50.1 75.1



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



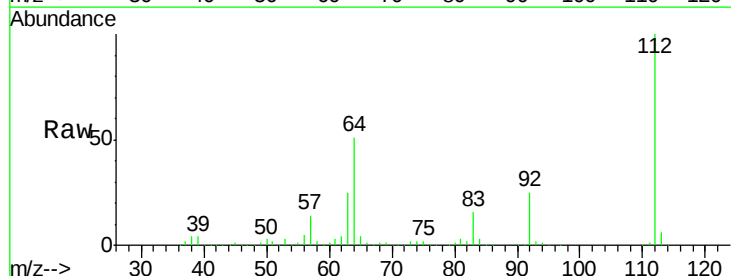
Time-->



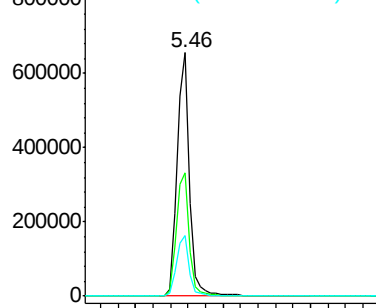
#5

2-Fluorophenol
Concen: 97.90 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099589.D
Acq: 17 Oct 2017 19:00

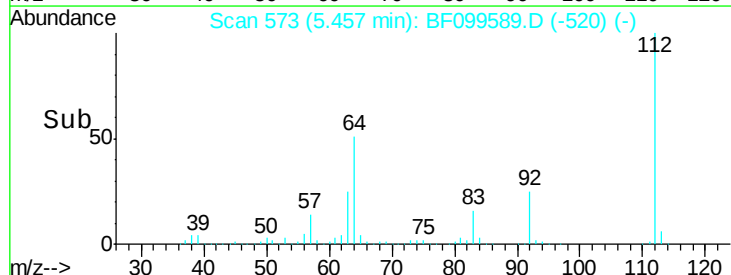
Tgt Ion:112 Resp: 645076
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 24.9 23.7 35.5

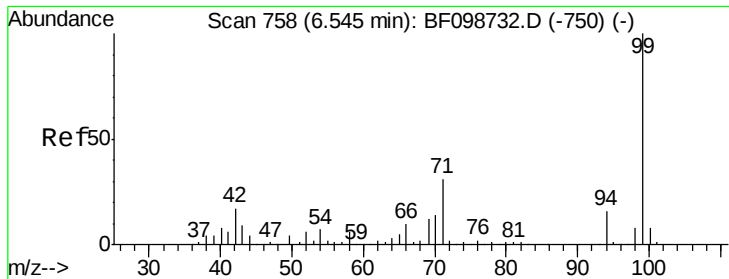


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 96.84 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampled :

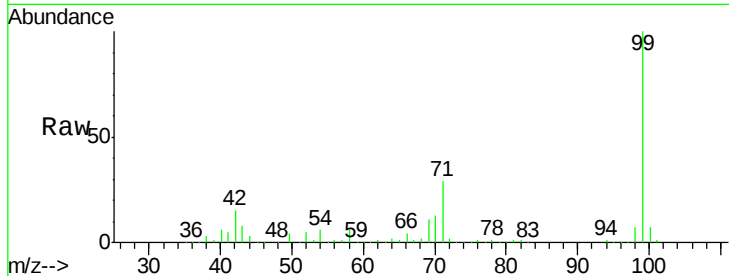
Tot Ion: 99 Resp: 787148

Ion Ratio Lower Upper

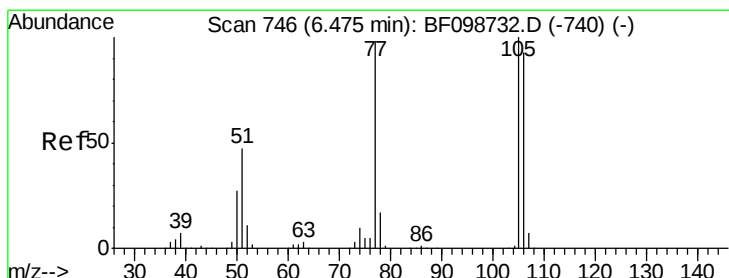
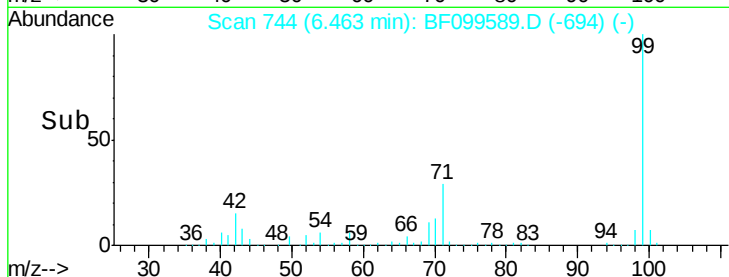
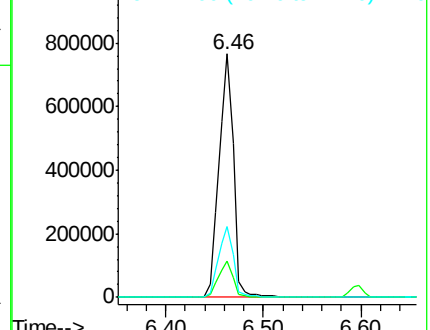
99 100

42 14.9 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: 2.72 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

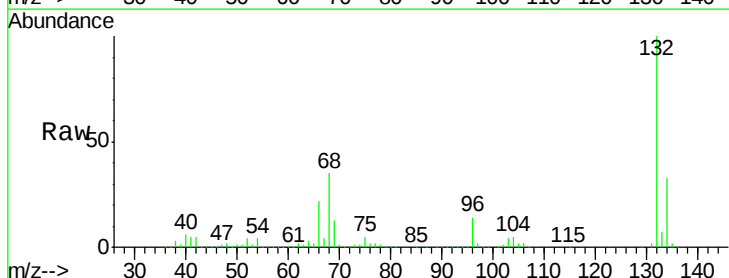
Tgt Ion: 77 Resp: 12848

Ion Ratio Lower Upper

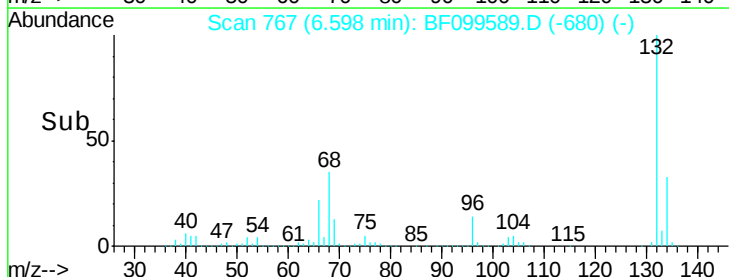
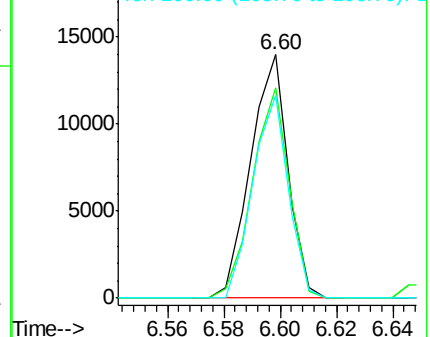
77 100

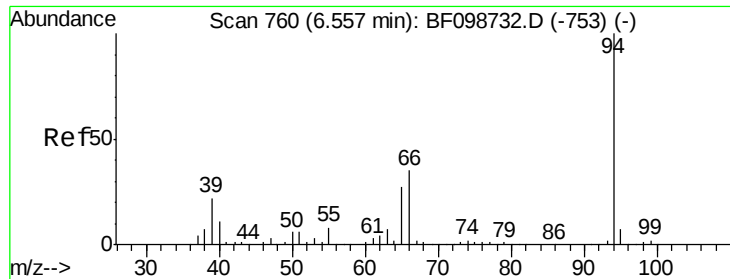
105 86.2 81.1 121.1

106 83.3 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: 5.97 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampleId :

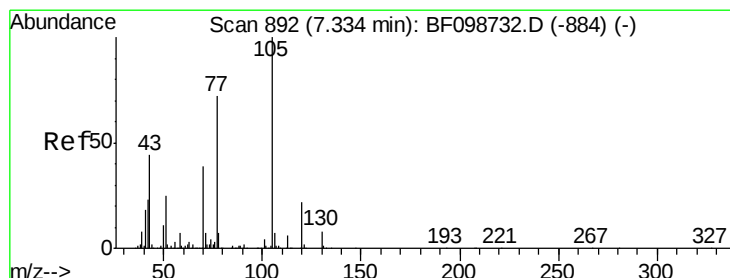
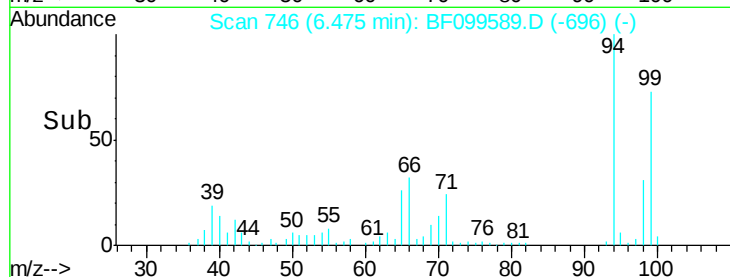
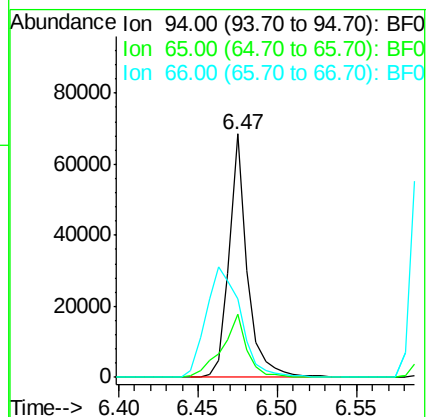
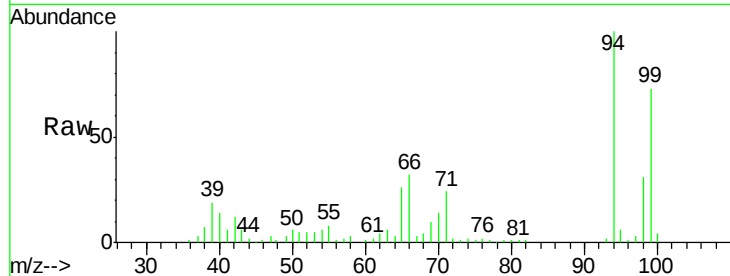
Tot Ion: 94 Resp: 54296

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

66 32.4 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.95 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Tgt Ion: 70 Resp: 56847

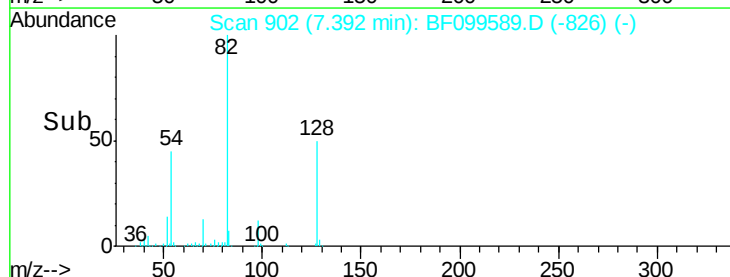
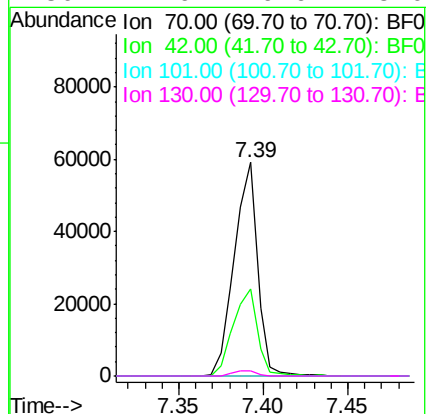
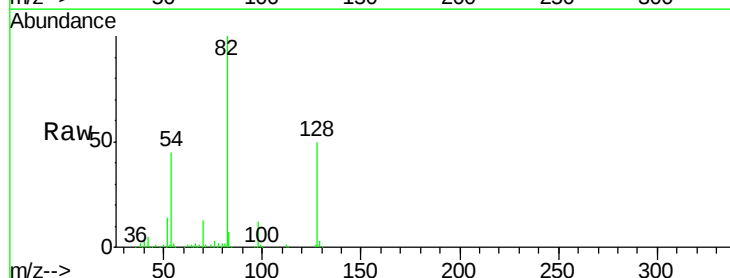
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

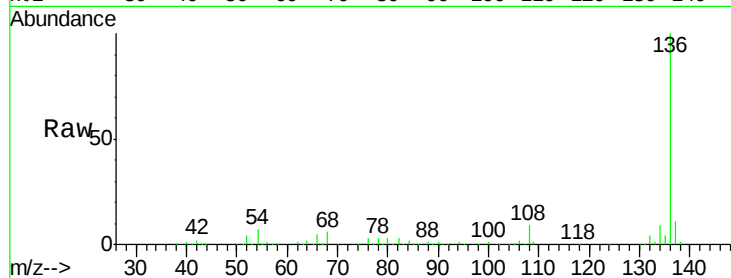




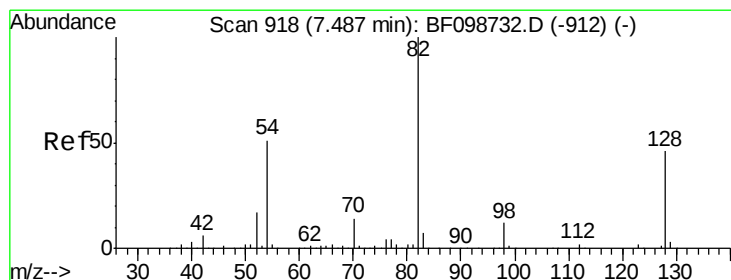
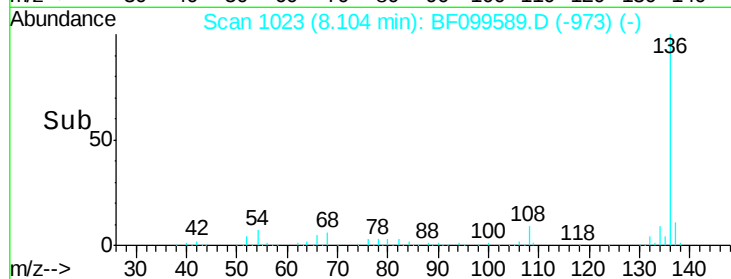
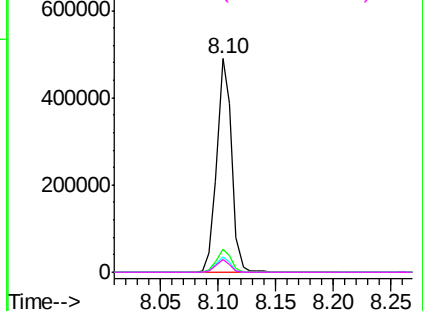
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099589.D
Acq: 17 Oct 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	436233
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.1	6.6 9.8
68	6.2	5.0 7.4

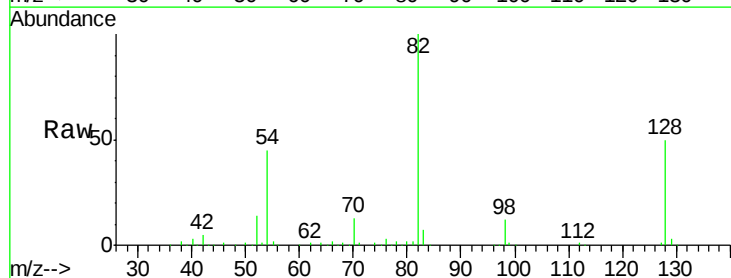


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

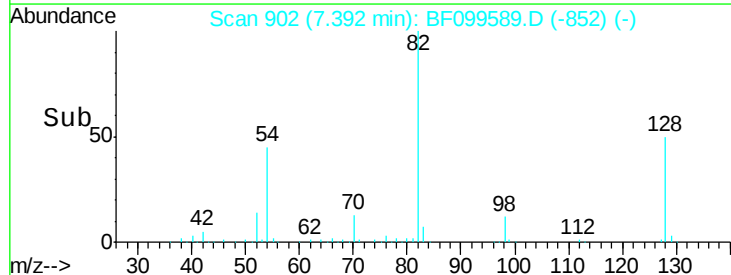
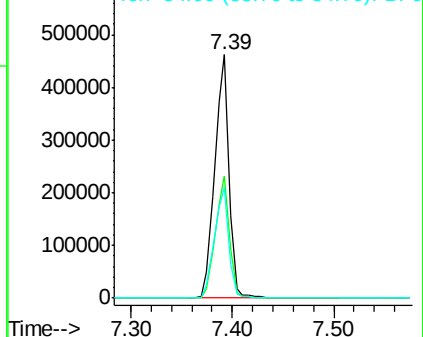


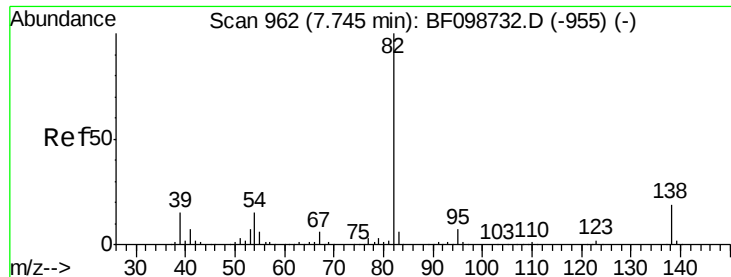
#23
Nitrobenzene-d5
Concen: 66.31 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099589.D
Acq: 17 Oct 2017 19:00

Tgt Ion: 82	Resp:	451065
Ion Ratio	Lower	Upper
82	100	
128	50.3	36.1 54.1
54	45.2	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: 32.07 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampleId :

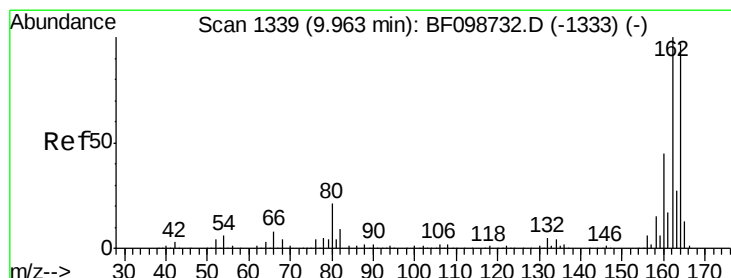
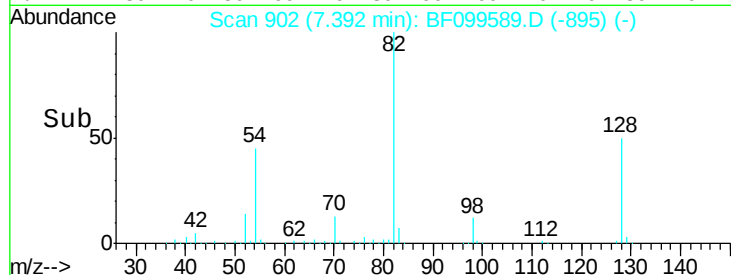
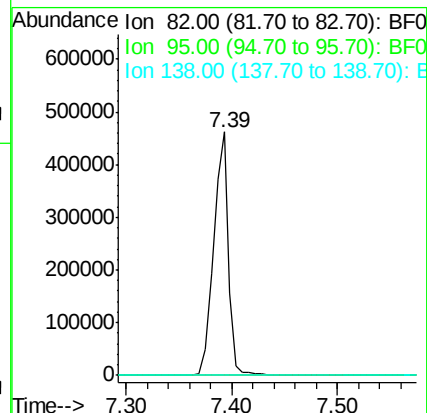
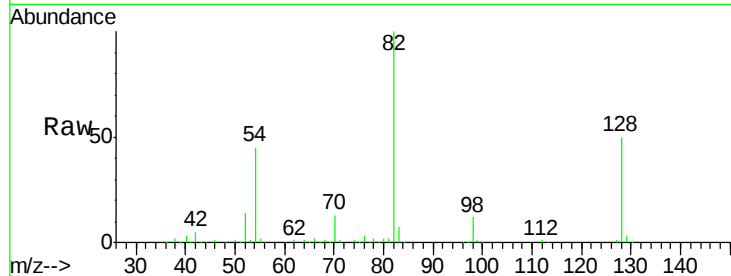
Tot Ion: 82 Resp: 451061

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

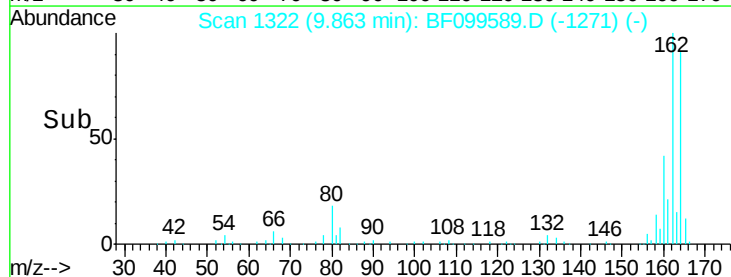
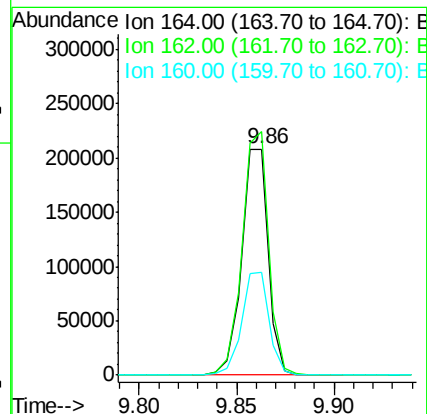
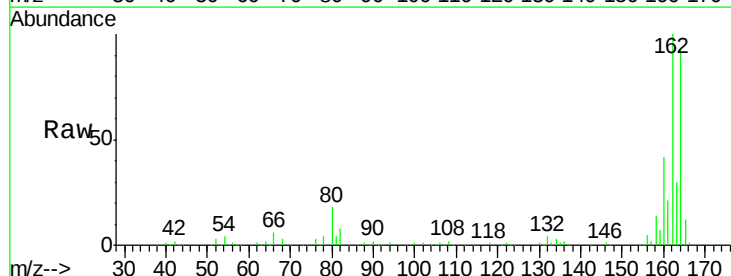
Tgt Ion: 164 Resp: 196730

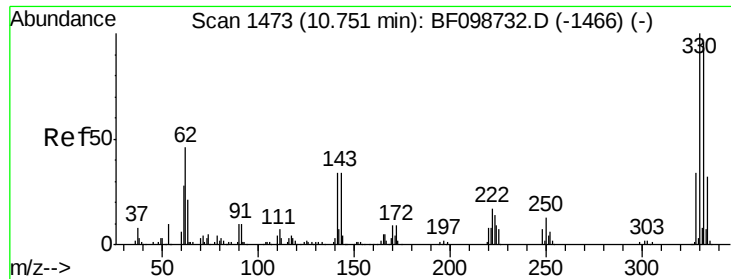
Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

160 45.4 38.3 57.5

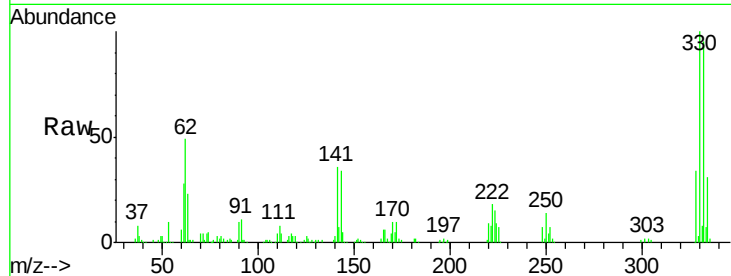




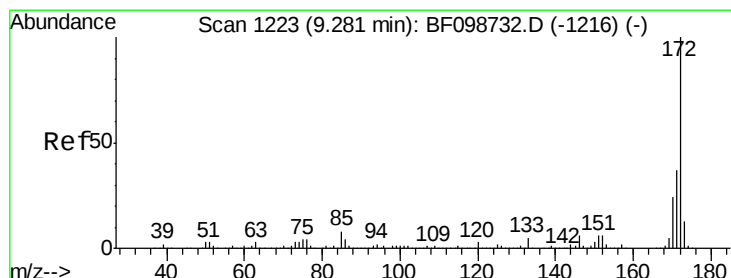
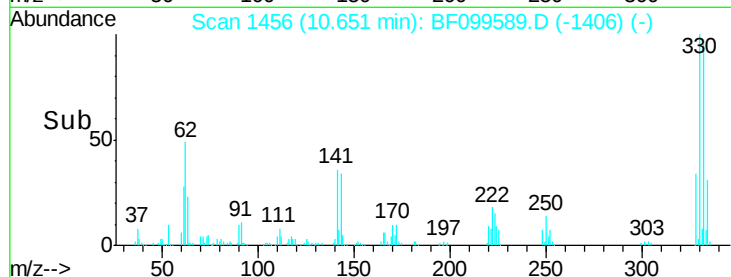
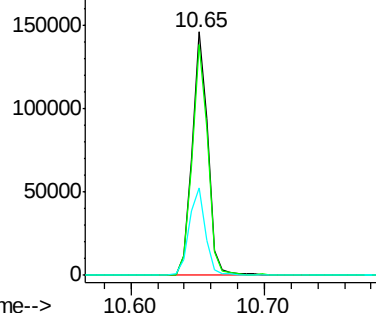
#41
 2,4,6-Tribromophenol
 Concen: 75.64 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099589.D
 Acq: 17 Oct 2017 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	37.2	29.9	44.9

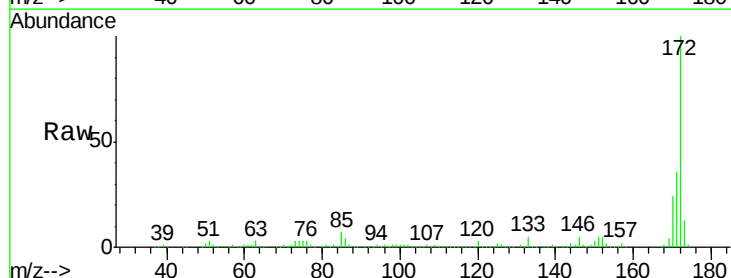


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

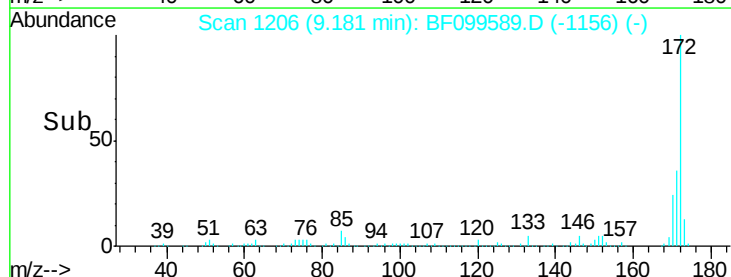
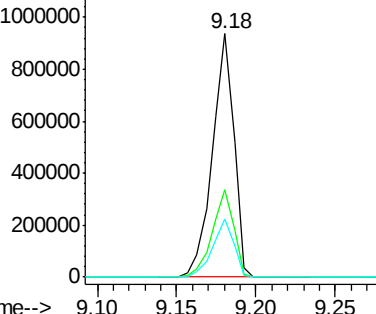


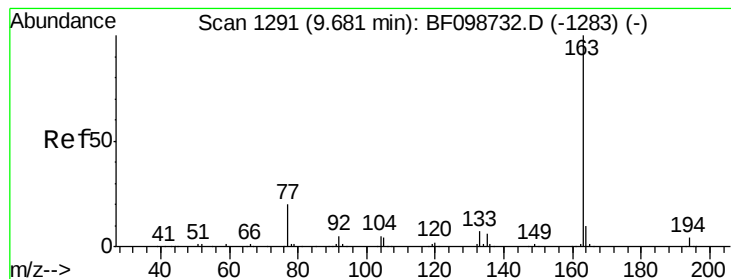
#44
 2-Fluorobiphenyl
 Concen: 74.33 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099589.D
 Acq: 17 Oct 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#49

Dimethylphthalate

Concen: 16.94 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampleId :

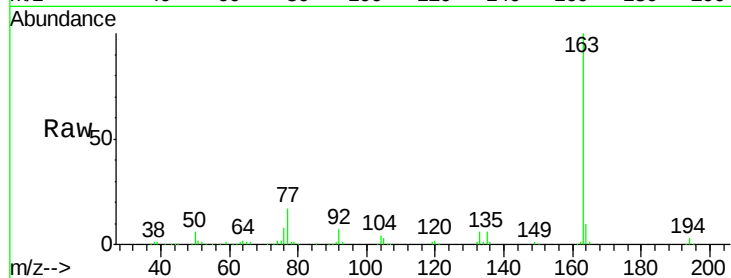
Tot Ion:163 Resp: 251520

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

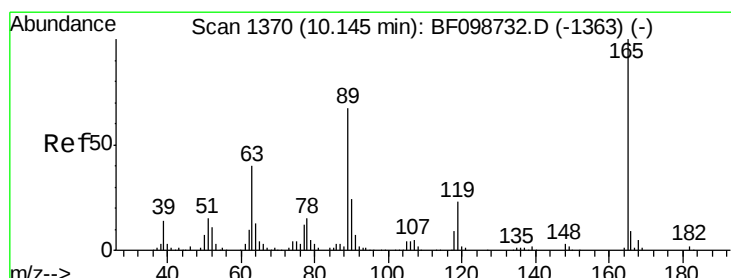
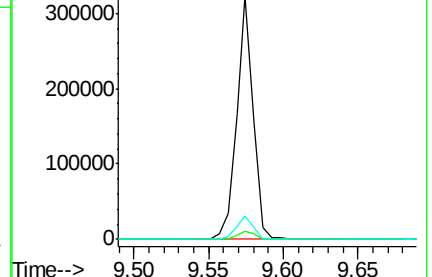
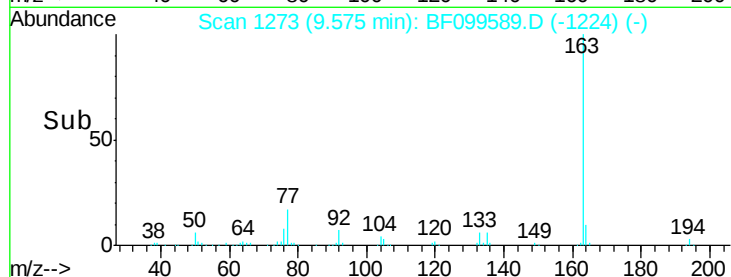
164 9.7 8.2 12.2



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: 6.11 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.21 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Tgt Ion:165 Resp: 25629

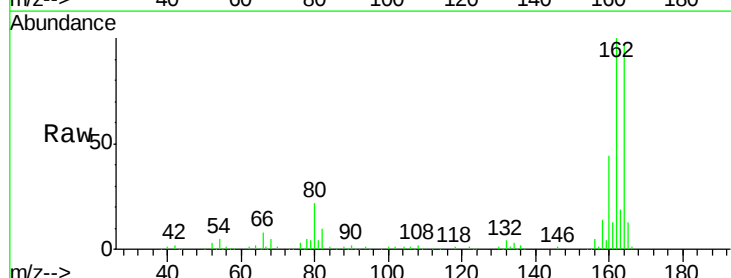
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

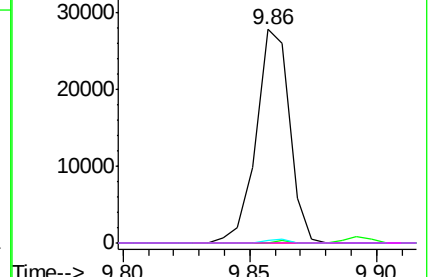
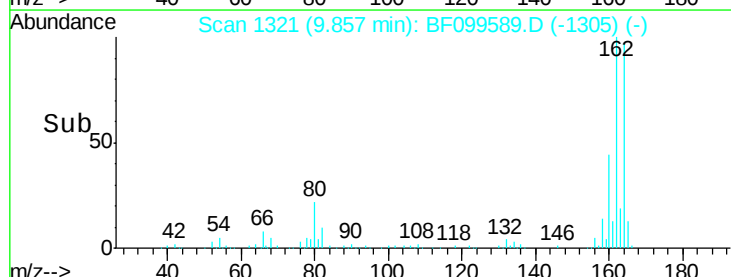


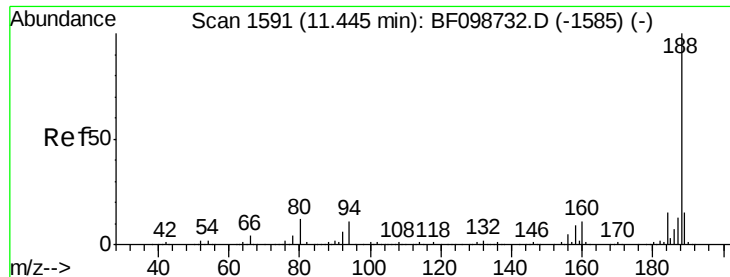
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampleId :

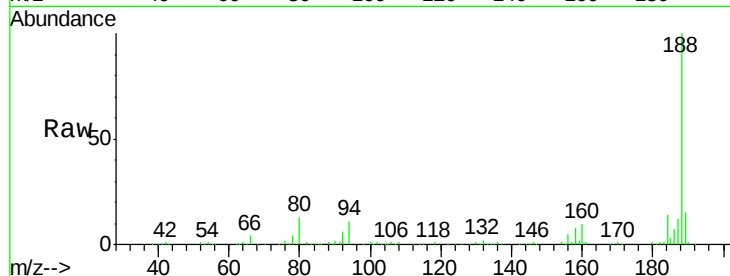
Tot Ion:188 Resp: 321382

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

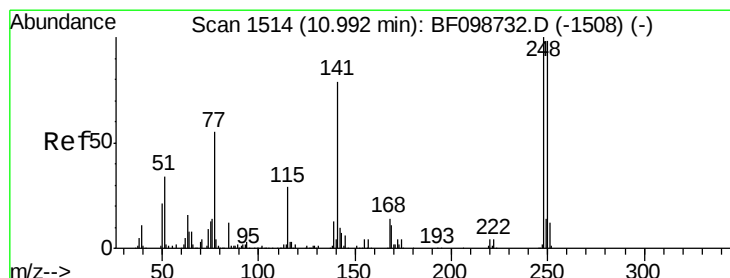
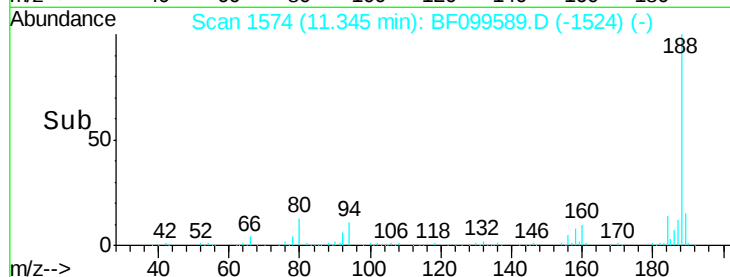
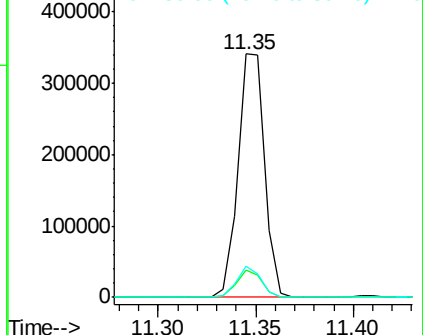
80 12.7 9.2 13.8



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: 2.61 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.24 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

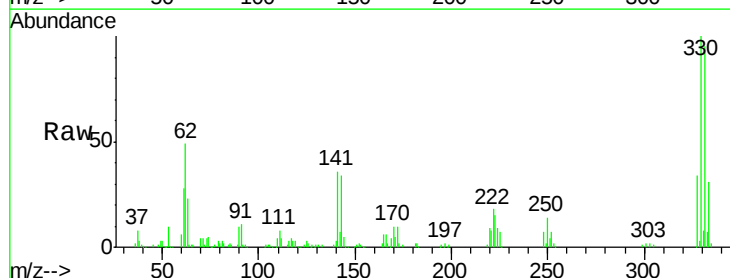
Tgt Ion:248 Resp: 8224

Ion Ratio Lower Upper

248 100

250 194.1 76.9 115.3#

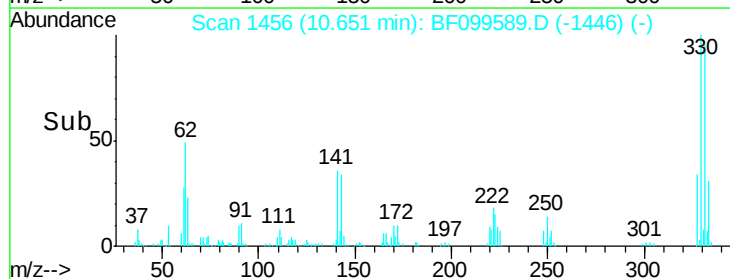
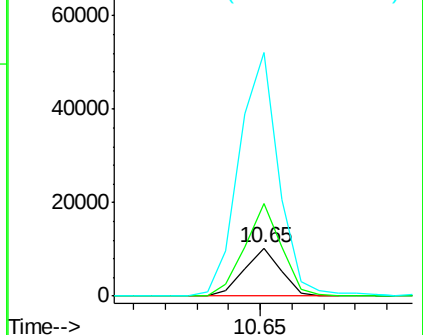
141 509.7 74.4 111.6#

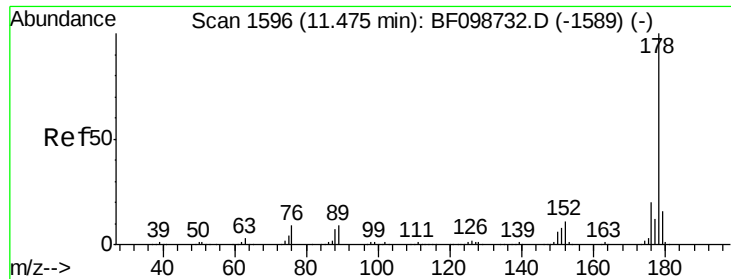


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

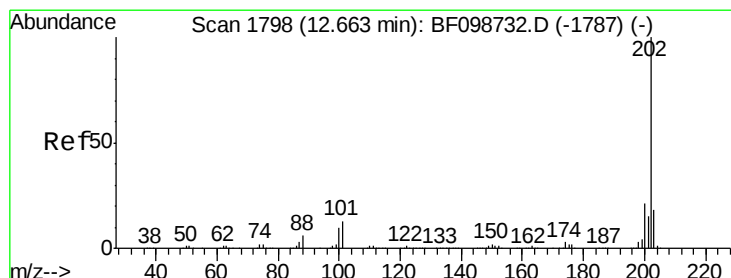
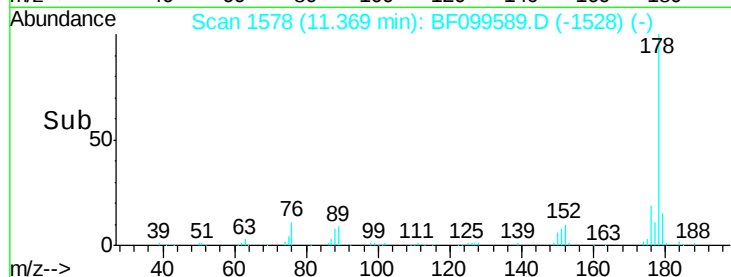
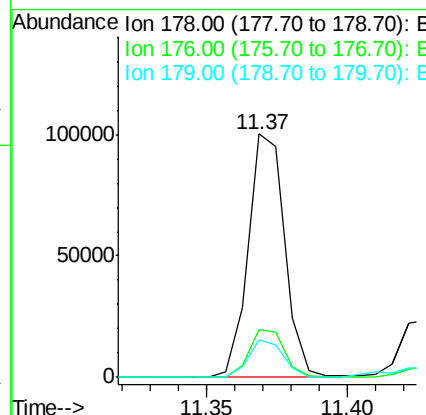
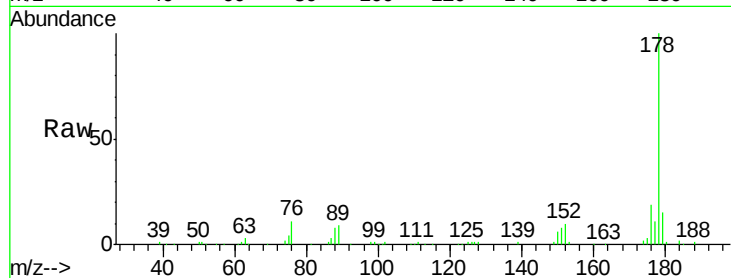




#70
 Phenanthrene
 Concen: 5.21 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099589.D
 Acq: 17 Oct 2017 19:00

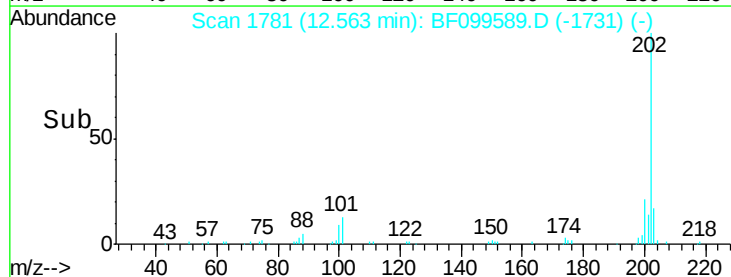
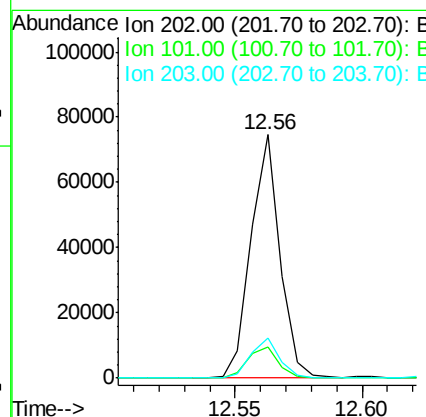
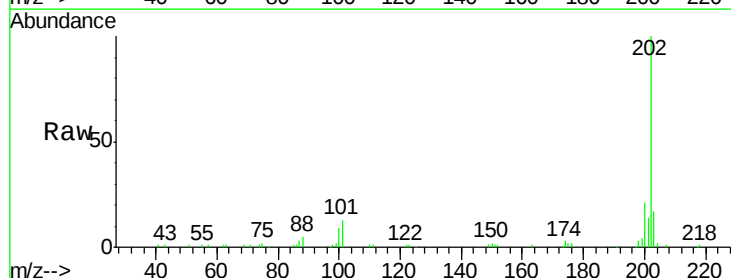
Instrument :
 BNA_F
 ClientSampleId :

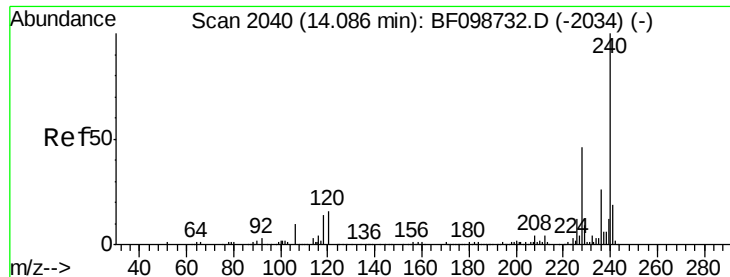
Tot Ion:178 Resp: 89676
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 13.0 19.6



#74
 Fluoranthene
 Concen: 3.40 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BF099589.D
 Acq: 17 Oct 2017 19:00

Tgt Ion:202 Resp: 59299
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 34.1
 203 16.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampleId :

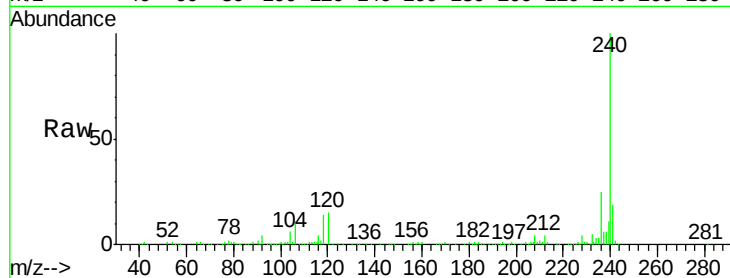
Tot Ion:240 Resp: 184553

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

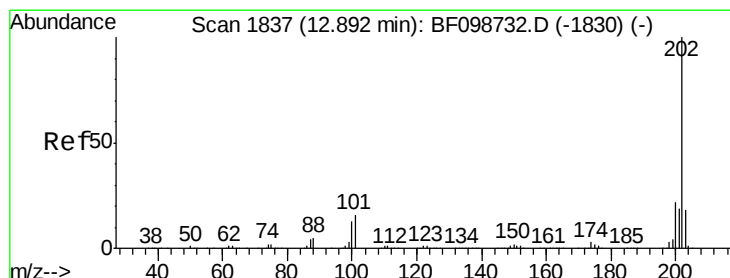
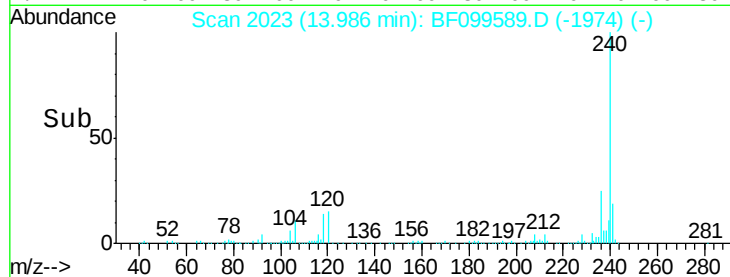
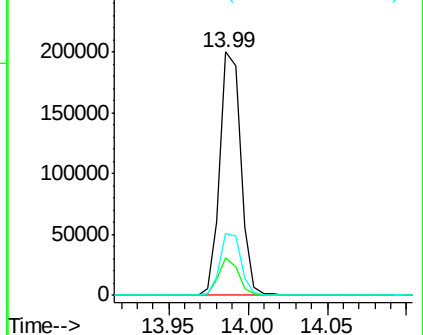
236 25.4 20.7 31.1



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



#77

Pyrene

Concen: 3.17 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

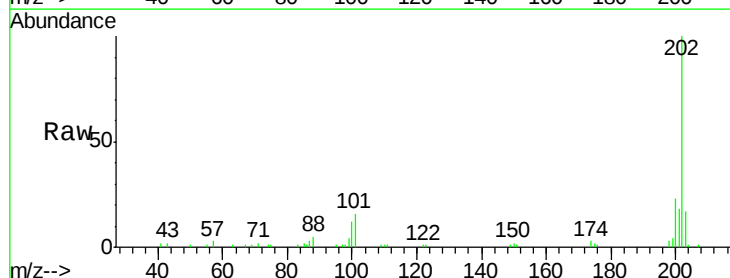
Tgt Ion:202 Resp: 44558

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

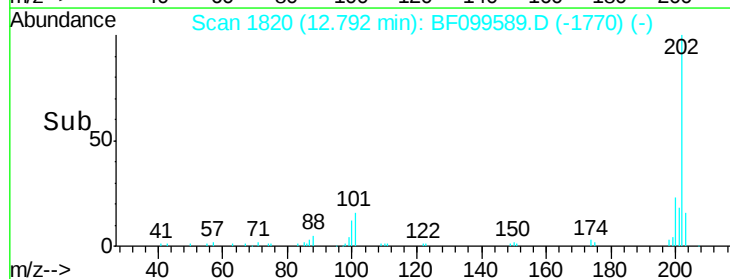
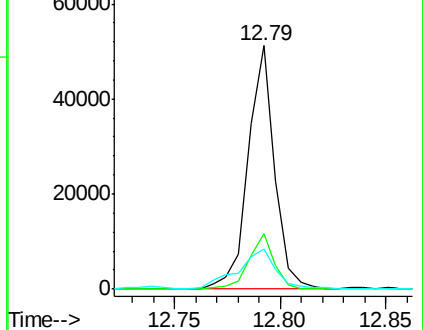
203 16.6 14.3 21.5

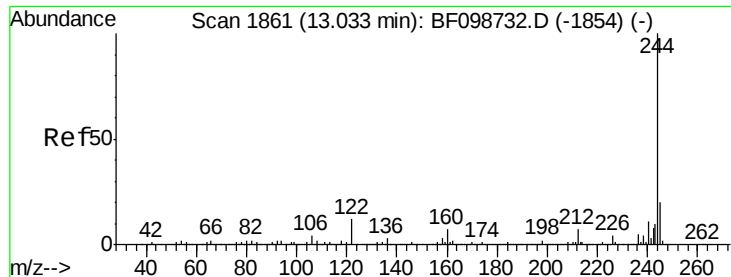


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.17 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

Instrument :

BNA_F

ClientSampleId :

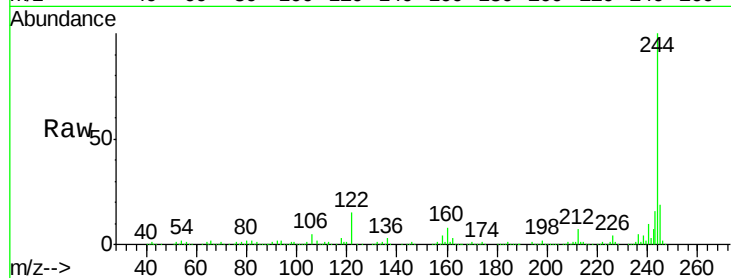
Tot Ion:244 Resp: 593742

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 14.7 11.0 16.4

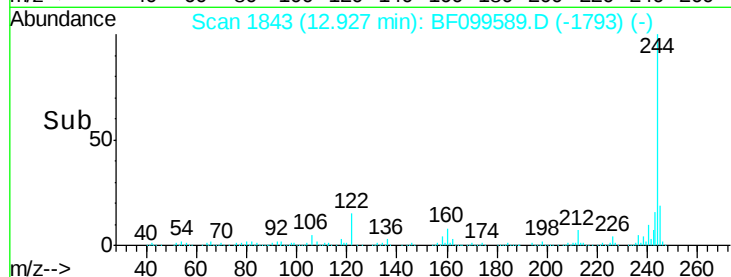


Abundance Ion 244.00 (243.70 to 244.70): E

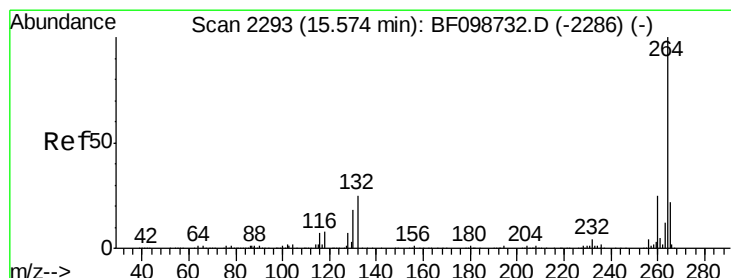
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.85 12.90 12.95 13.00



Time--> 12.85 12.90 12.95 13.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF099589.D

Acq: 17 Oct 2017 19:00

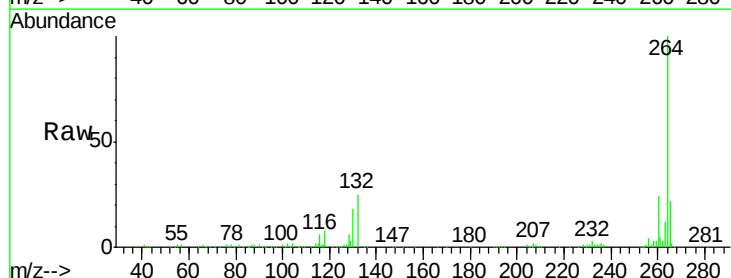
Tgt Ion:264 Resp: 184508

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 17.5 26.3

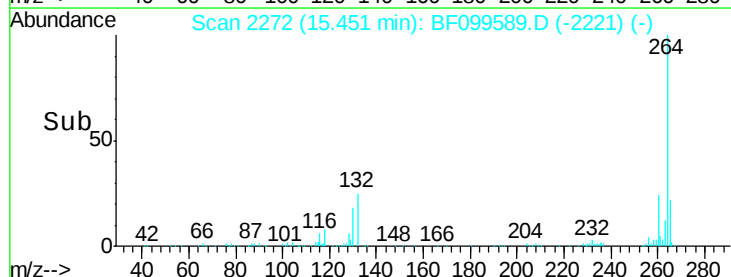


Abundance Ion 264.00 (263.70 to 264.70): E

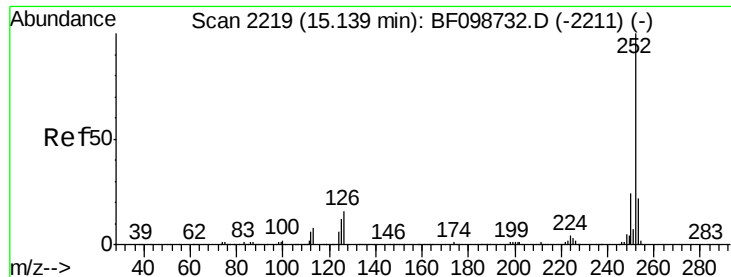
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.40 15.45 15.50



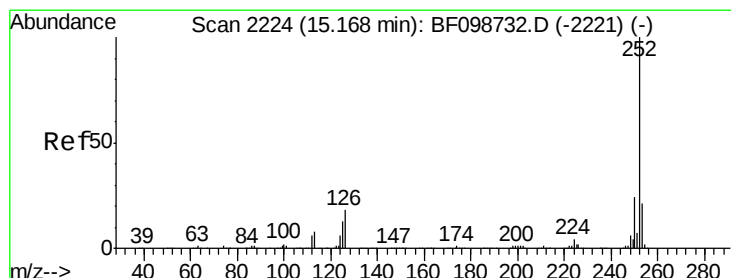
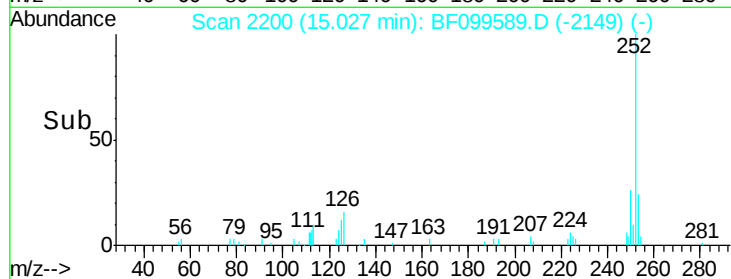
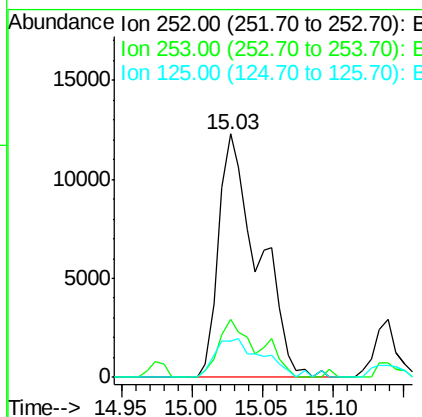
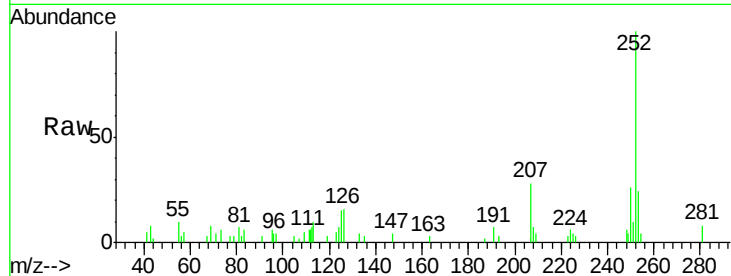
Time--> 15.40 15.45 15.50



#87
Benzo(b)fluoranthene
Concen: 2.12 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF099589.D
Acq: 17 Oct 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 24074
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 14.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.15 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF099589.D
Acq: 17 Oct 2017 19:00

Tgt Ion:252 Resp: 24074
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 14.8 10.2 15.2

