

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099960.D
 Acq On : 30 Oct 2017 15:35
 Operator : SJ/JU
 Sample : I6077-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:13:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115323	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	490301	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	233107	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	407575	20.00	ng	0.00
75) Chrysene-d12	13.97	240	249340	20.00	ng	0.00
86) Perylene-d12	15.46	264	190336	20.00	ng	0.01

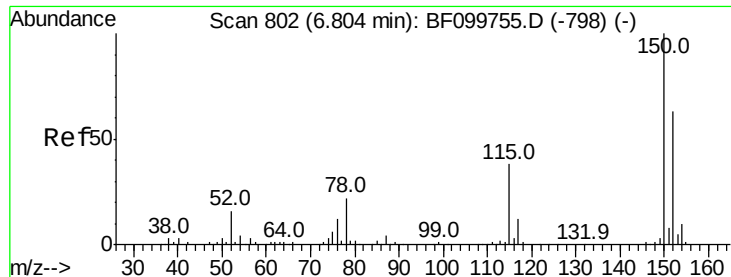
System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	161694	22.01	ng	0.00
7) Phenol-d6	6.43	99	214714	24.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	121902	16.01	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	53170	25.03	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	281708	18.65	ng	0.00
78) Terphenyl-d14	12.90	244	235825	20.67	ng	0.00

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	14123	2.767	ng	# 74
25) Isophorone	7.36	82	121902	8.821	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	30718	7.915	ng	# 25
51) Acenaphthene	9.86	154	41150	2.855	ng	94
54) Dibenzofuran	10.03	168	47261	2.323	ng	97
55) 4-Nitrophenol	10.03	139	16441	6.881	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	30718	6.573	ng	# 23
57) Fluorene	10.37	166	46277	2.747	ng	99
70) Phenanthrene	11.35	178	704861	30.644	ng	98
71) Anthracene	11.40	178	120560	5.164	ng	99
72) Carbazole	11.56	167	74046	3.373	ng	98
74) Fluoranthene	12.55	202	788617	32.991	ng	97
77) Pyrene	12.77	202	666577	35.158	ng	99
80) Benzo(a)anthracene	13.97	228	203224	12.857	ng	99
82) Chrysene	14.00	228	201497	13.560	ng	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	90180	6.610	ng	94
87) Benzo(b)fluoranthene	15.03	252	285049	23.717	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	285049	25.151	ng	99
89) Benzo(a)pyrene	15.40	252	126262	11.695	ng	98
91) Benzo(a,h,i)perylene	17.40	276	94129	10.029	ng	94

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

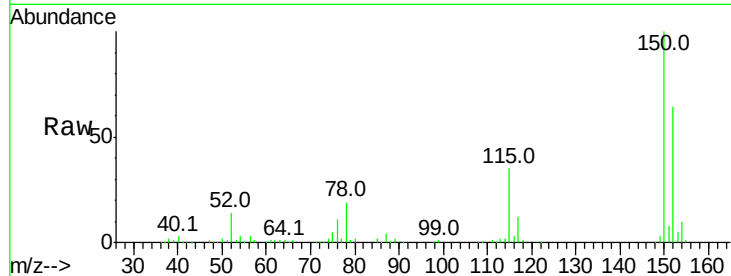


#1

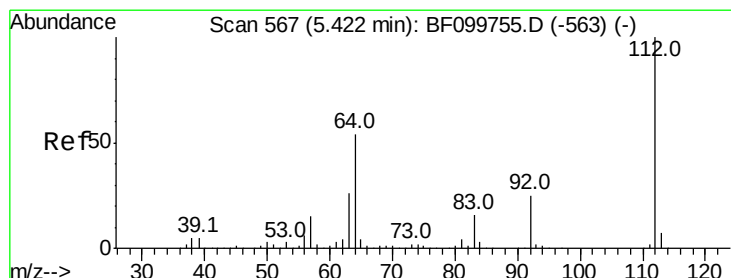
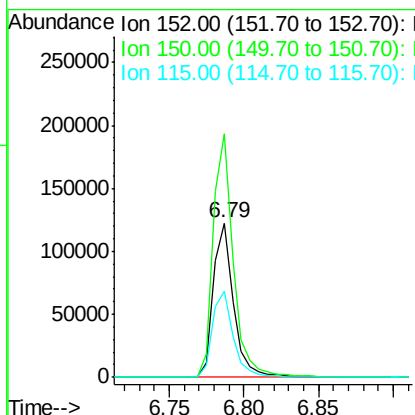
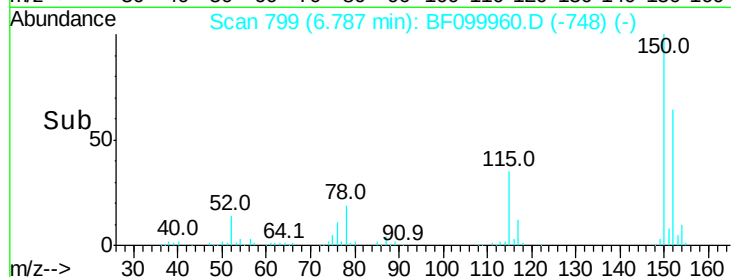
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115323
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 55.7 50.1 75.1



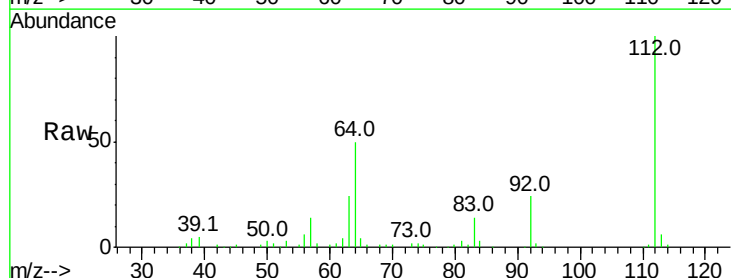
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



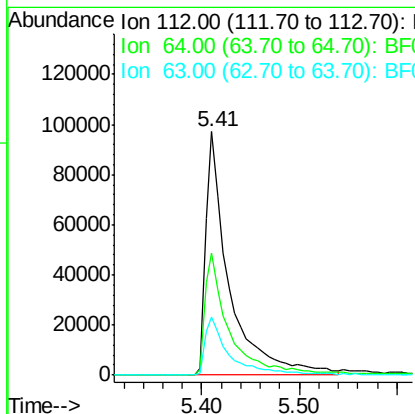
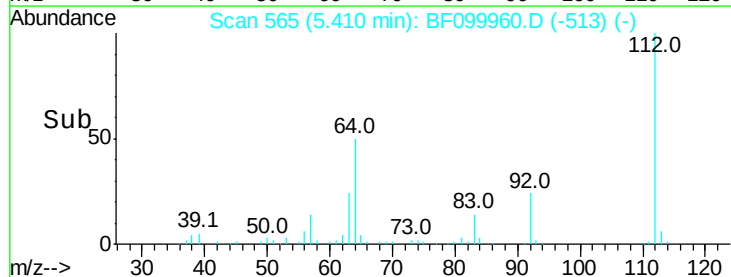
#5

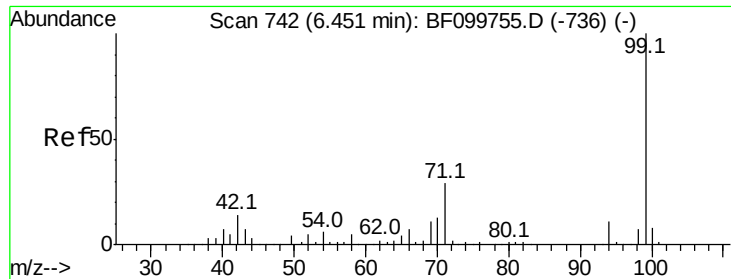
2-Fluorophenol
Concen: 22.012 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Tgt Ion:112 Resp: 161694
Ion Ratio Lower Upper
112 100
64 50.4 47.9 71.9
63 24.0 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: 24.652 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

Instrument :

BNA_F

ClientSampleId :

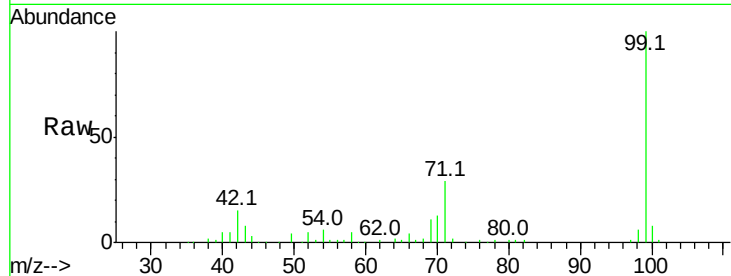
Tot Ion: 99 Resp: 214714

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

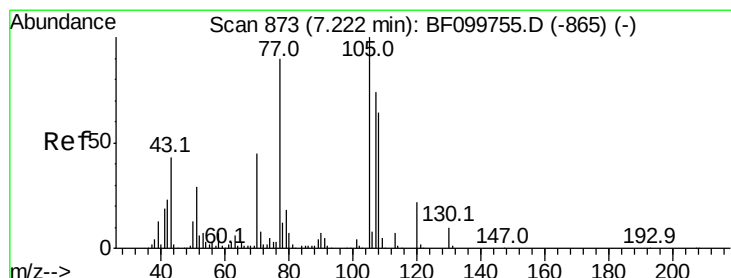
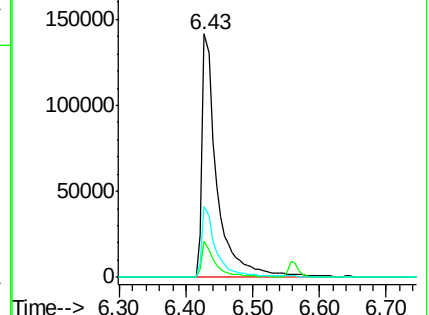
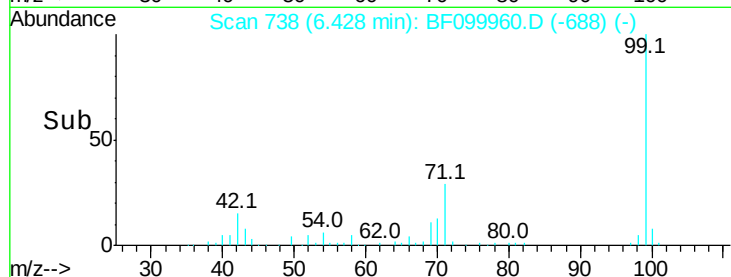
71 29.1 25.4 38.0



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: 2.767 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

Tgt Ion: 70 Resp: 14123

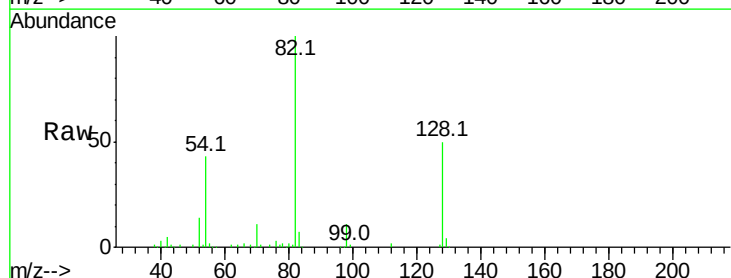
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 3.2 16.6 25.0#

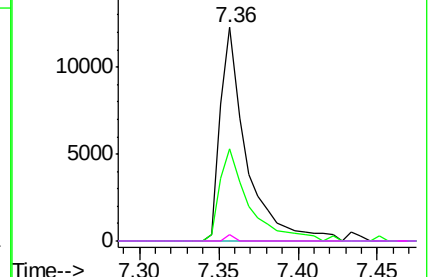
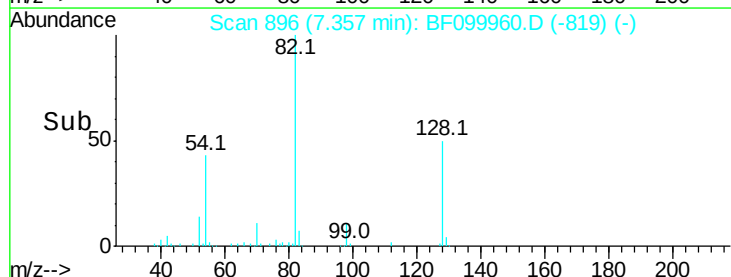


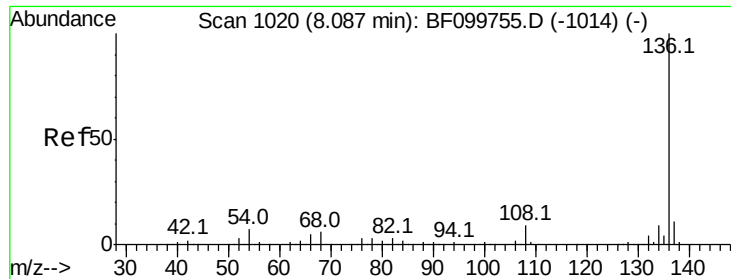
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

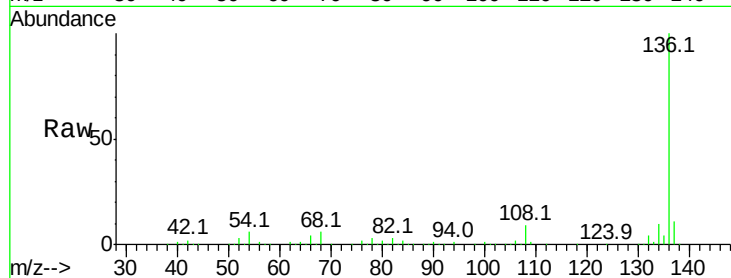




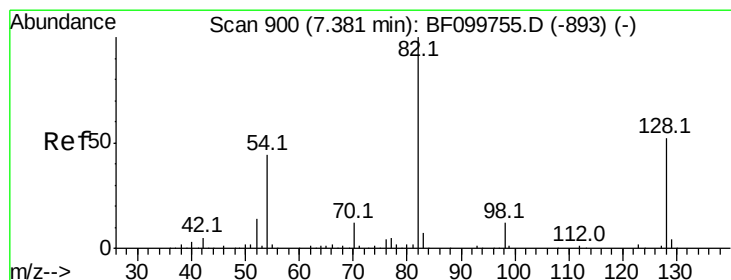
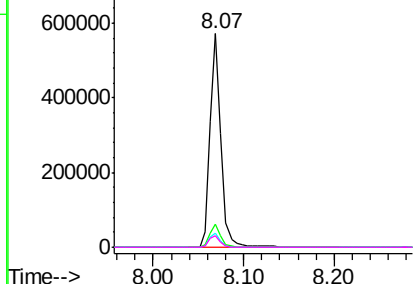
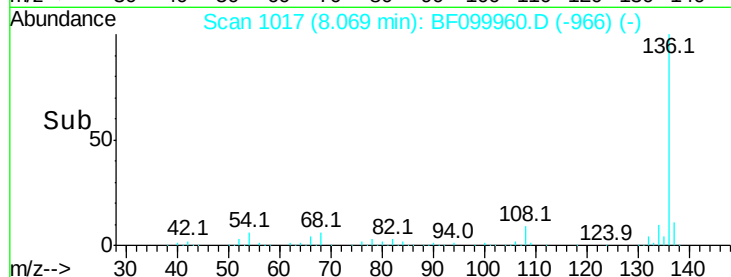
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	490301
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

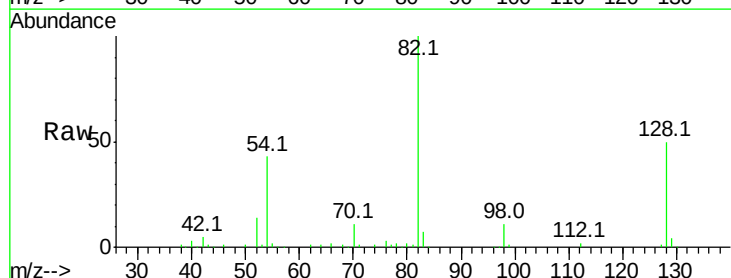


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

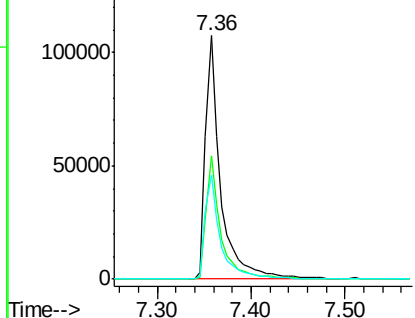
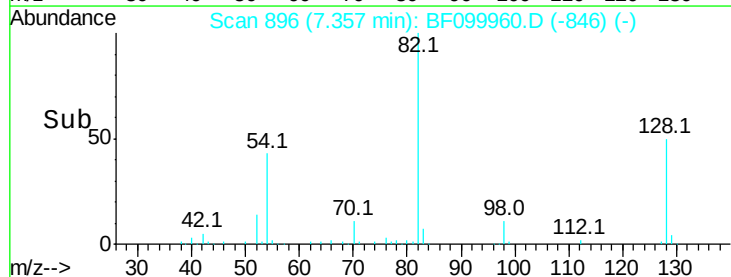


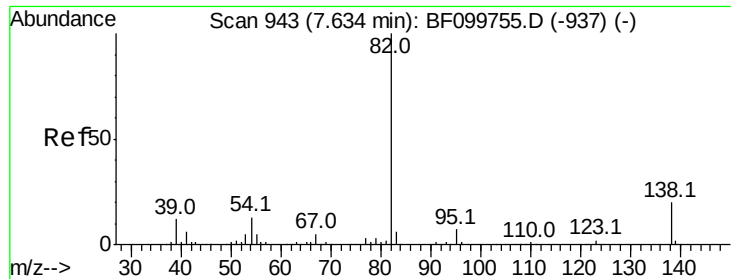
#23
Nitrobenzene-d5
Concen: 16.007 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Tgt Ion:	82	Resp:	121902
Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	42.9	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

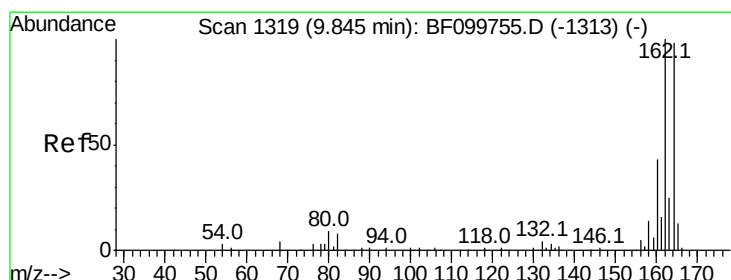
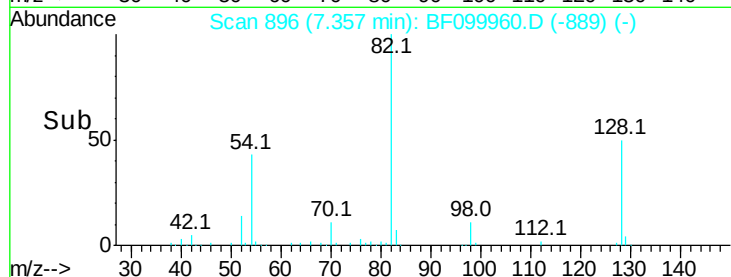
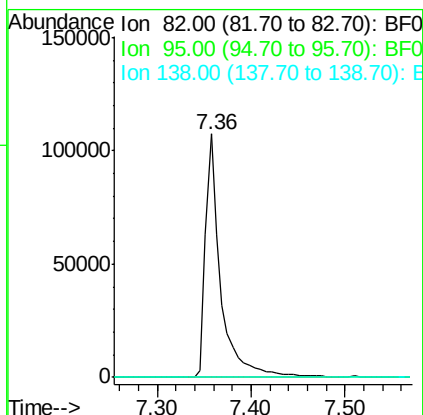
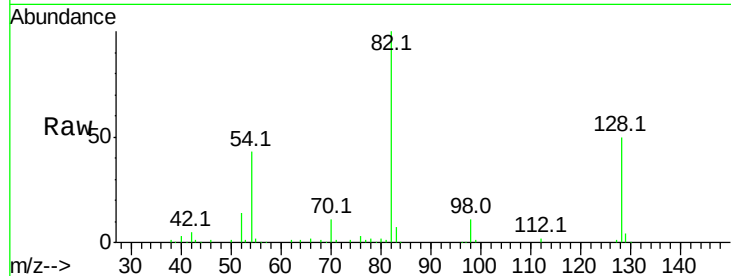




#25
Isophorone
Concen: 8.821 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

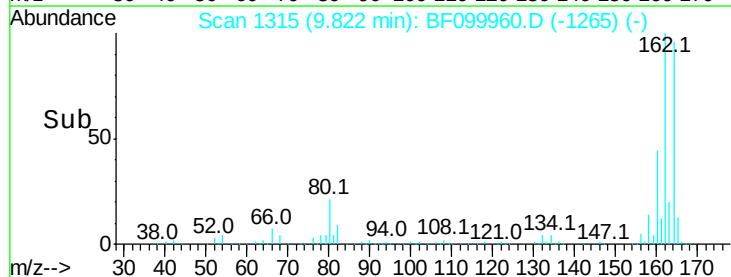
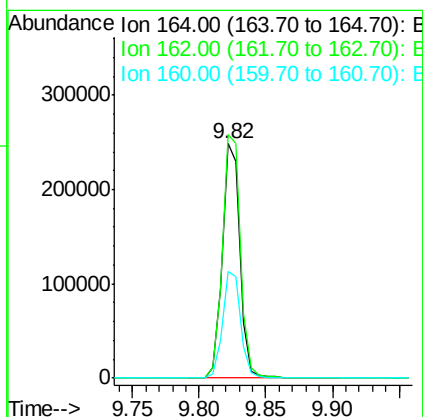
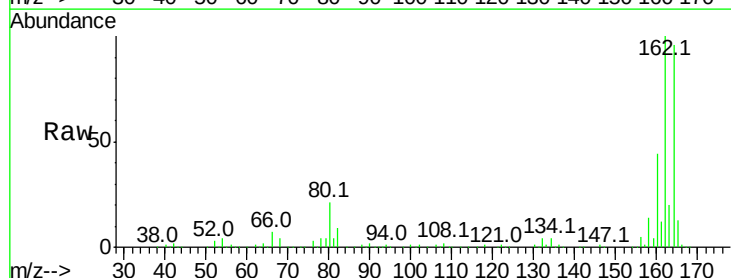
Instrument :
BNA_F
ClientSampleId :

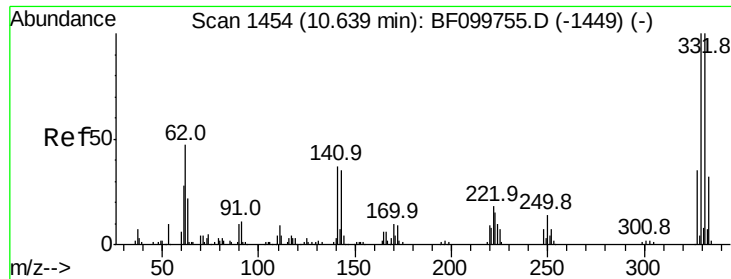
Tot Ion: 82 Resp: 121902
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Tgt Ion:164 Resp: 233107
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.3 38.3 57.5

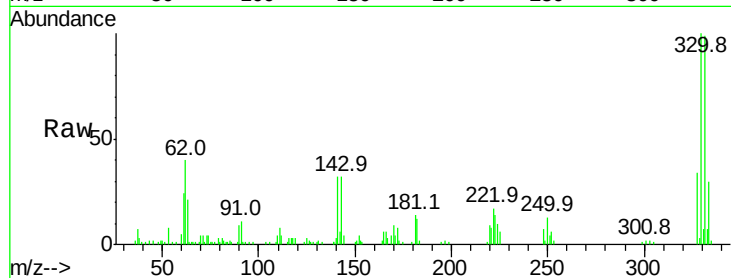




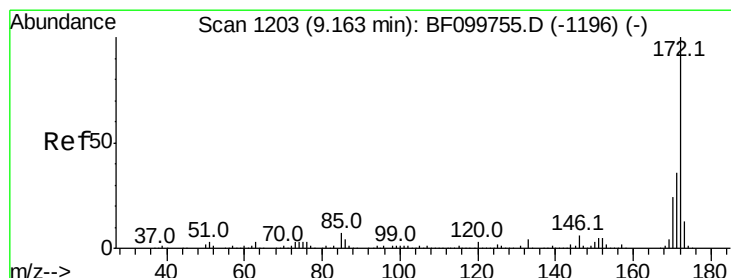
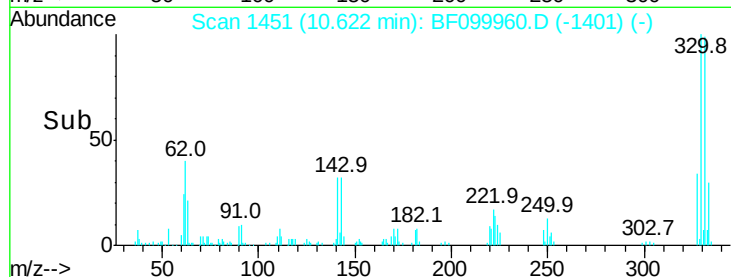
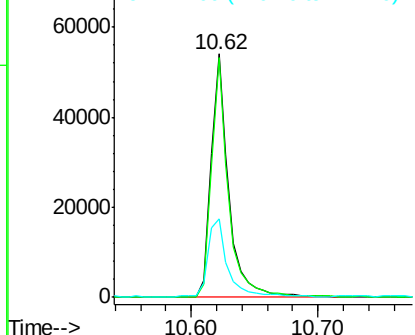
#41
 2,4,6-Tribromophenol
 Concen: 25.029 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 53170
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 37.1 29.9 44.9

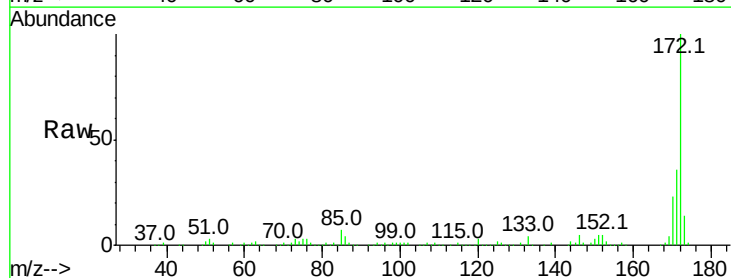


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

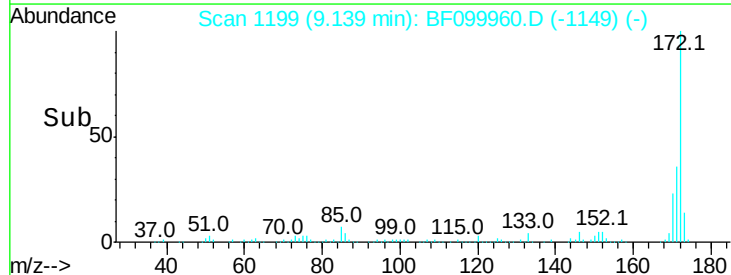
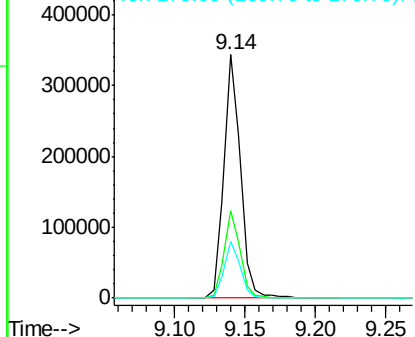


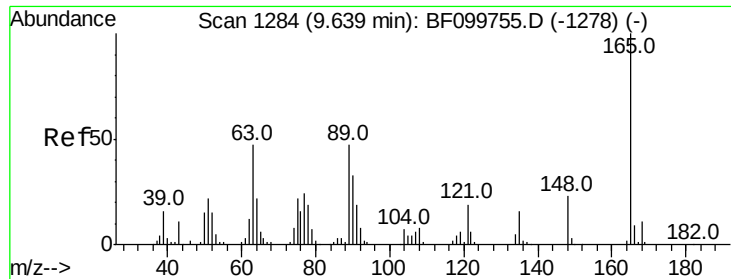
#44
 2-Fluorobiphenyl
 Concen: 18.645 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Tgt Ion:172 Resp: 281708
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.3 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





#50

2,6-Dinitrotoluene

Concen: 7.915 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

Instrument :

BNA_F

ClientSampleId :

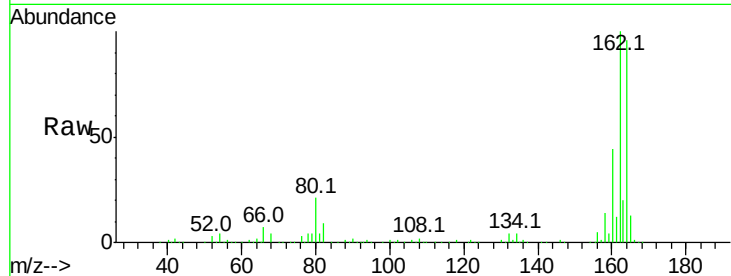
Tot Ion:165 Resp: 30718

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

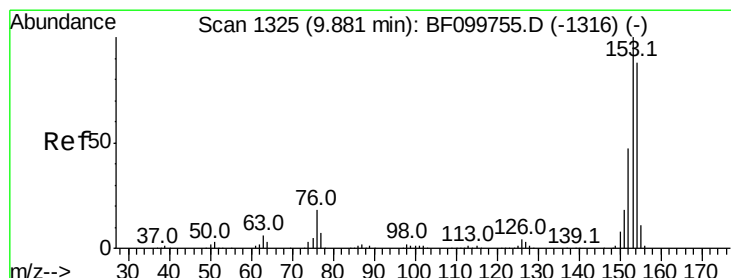
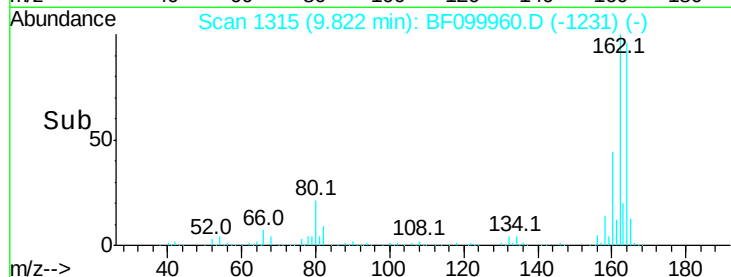
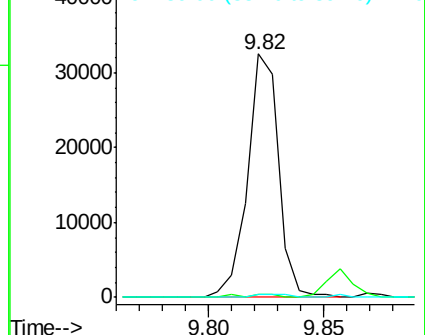
89 1.2 44.0 66.0#



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



#51

Acenaphthene

Concen: 2.855 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

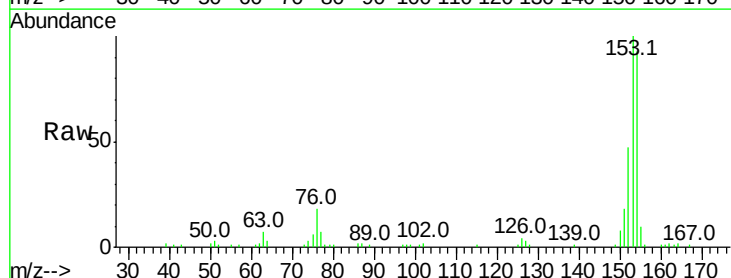
Tgt Ion:154 Resp: 41150

Ion Ratio Lower Upper

154 100

153 107.3 91.2 136.8

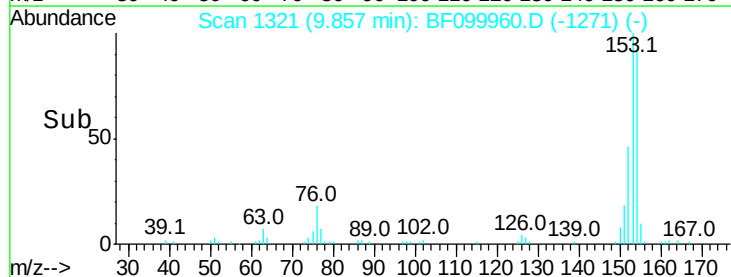
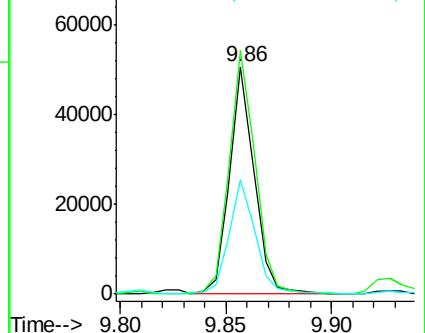
152 50.6 43.8 65.8

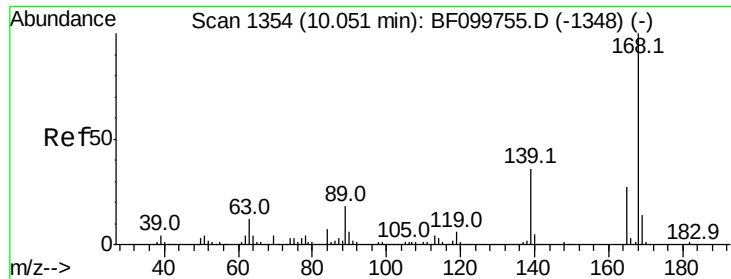


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 2.323 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

Instrument :

BNA_F

ClientSampleId :

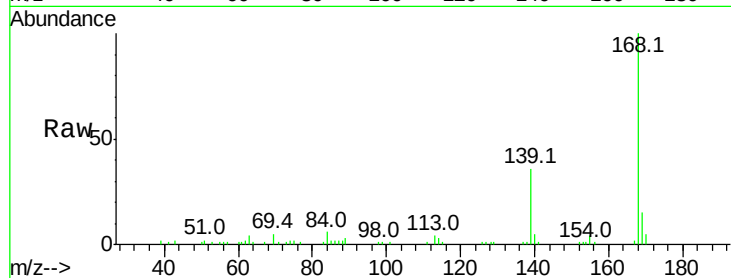
Tot Ion:168 Resp: 47261

Ion Ratio Lower Upper

168 100

139 35.9 30.1 45.1

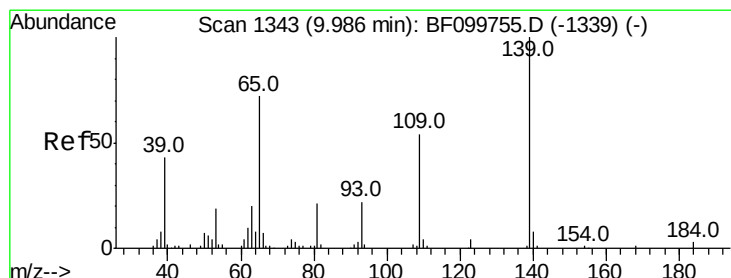
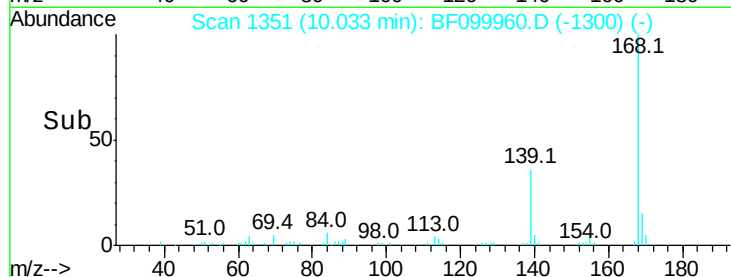
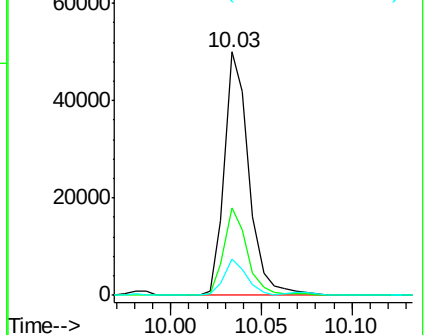
169 14.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 6.881 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.05 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

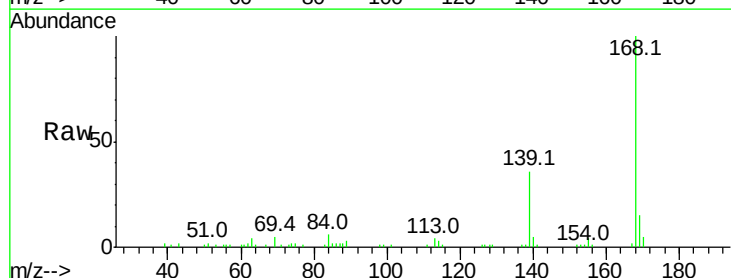
Tgt Ion:139 Resp: 16441

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

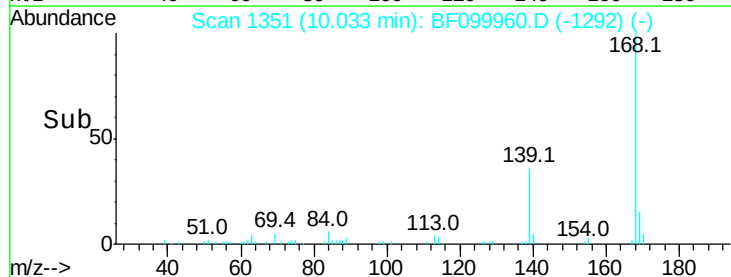
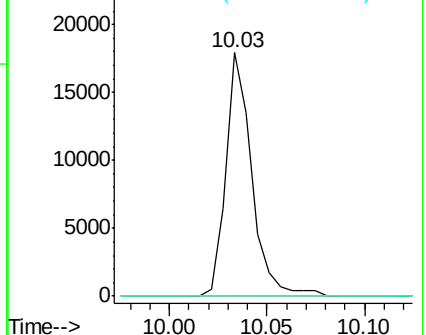
65 0.0 72.6 112.6#

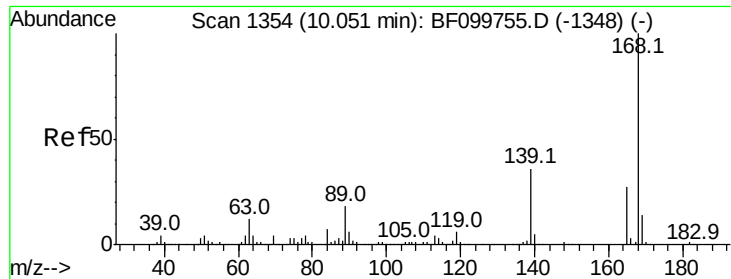


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

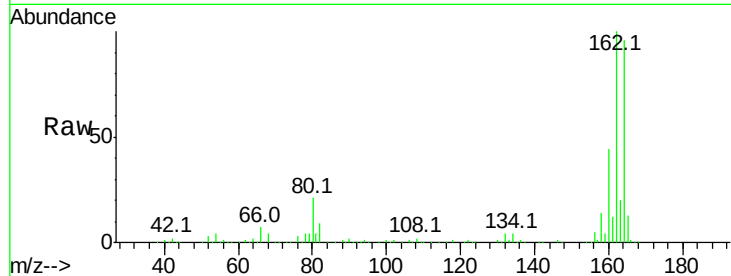




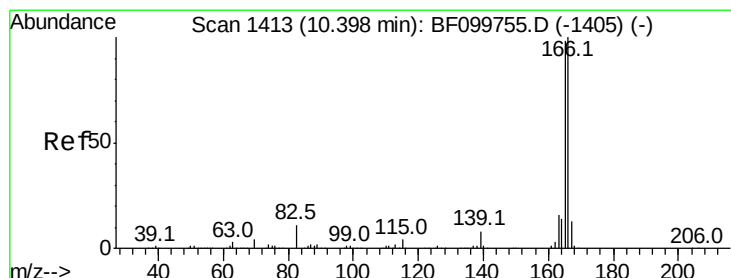
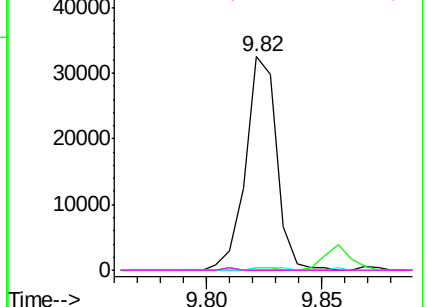
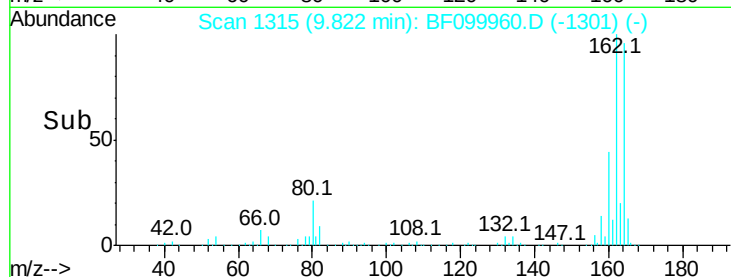
#56
 2,4-Dinitrotoluene
 Concen: 6.573 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 30718
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

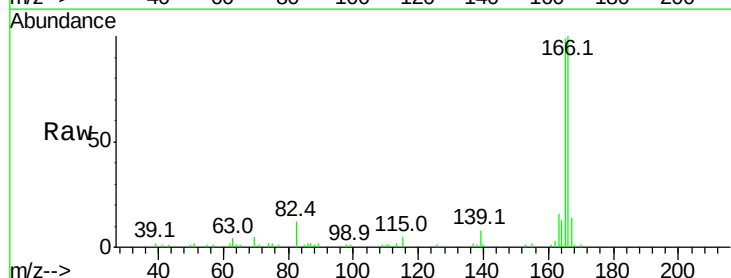


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

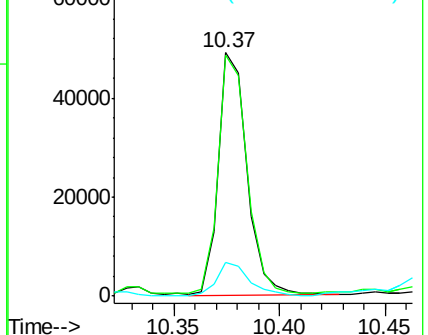
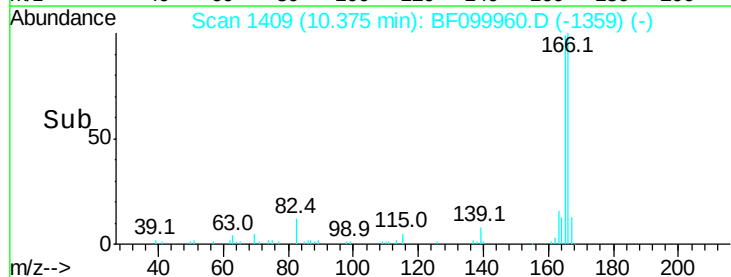


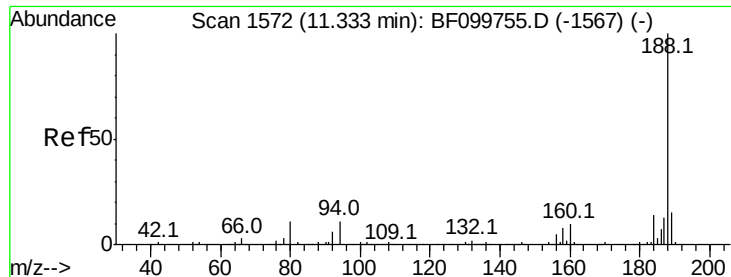
#57
 Fluorene
 Concen: 2.747 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Tgt Ion:166 Resp: 46277
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

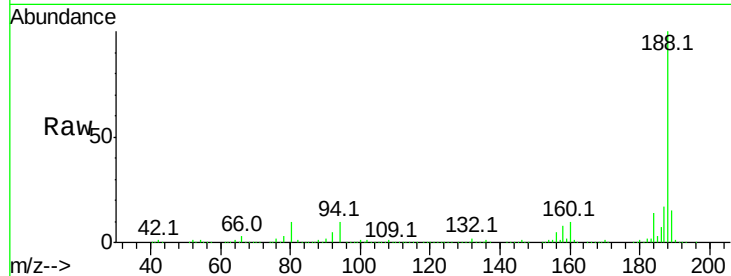




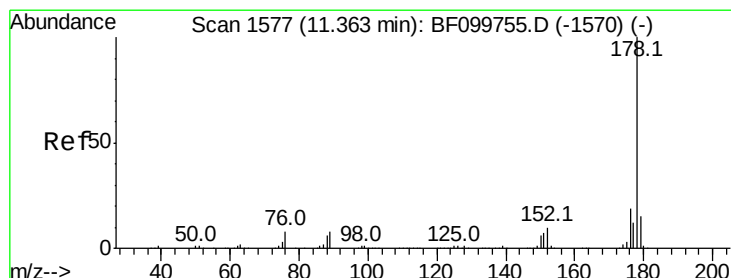
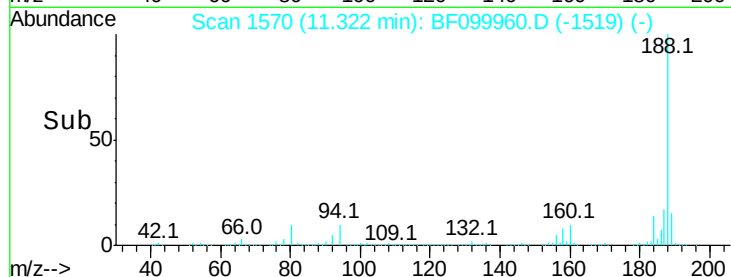
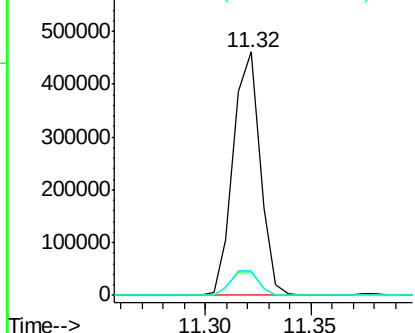
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 407575
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.1 9.2 13.8

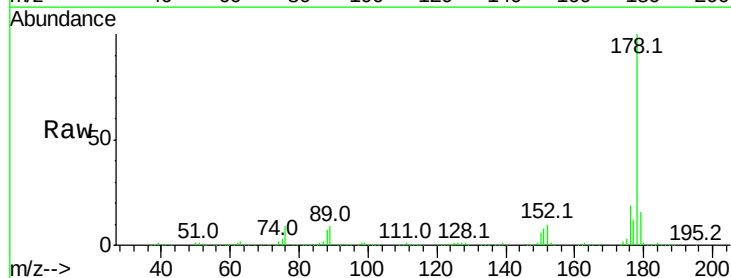


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

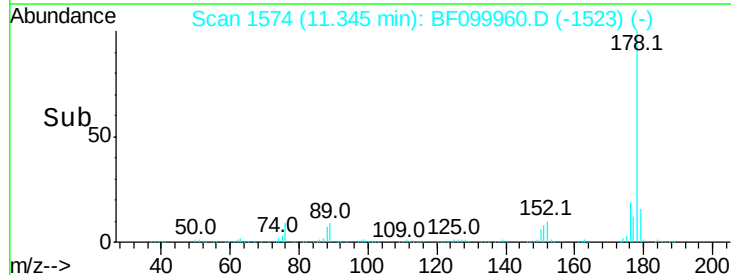
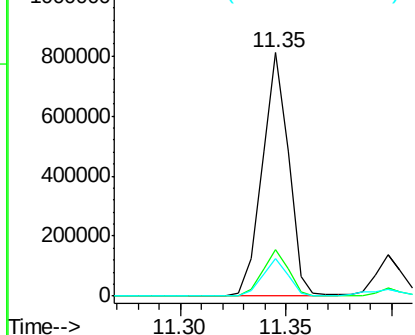


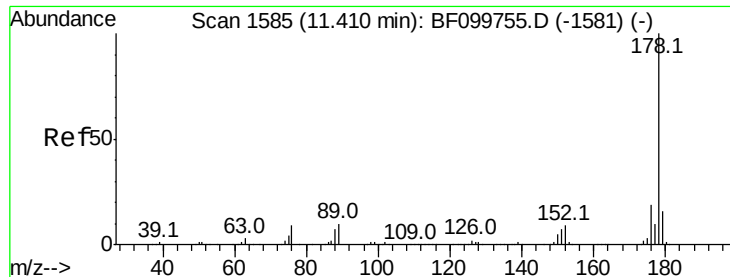
#70
 Phenanthrene
 Concen: 30.644 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Tgt Ion:178 Resp: 704861
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

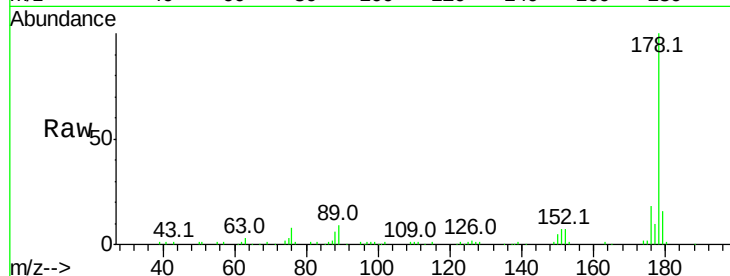




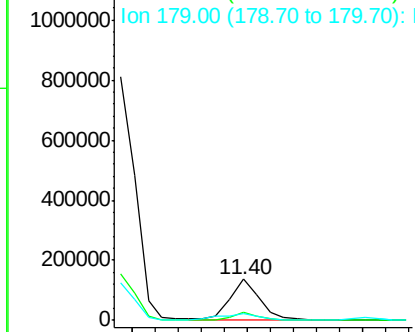
#71
 Anthracene
 Concen: 5.164 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

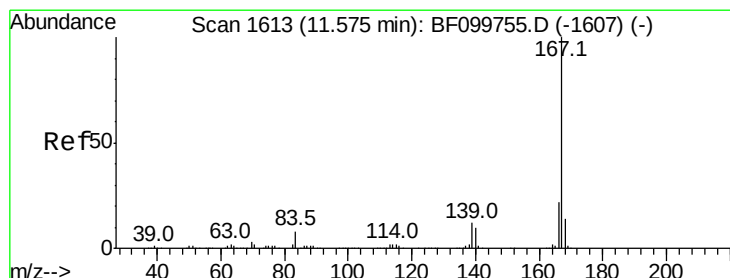
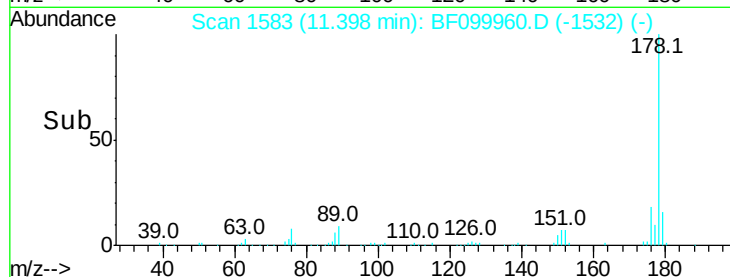
Tot Ion:178 Resp: 120560
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

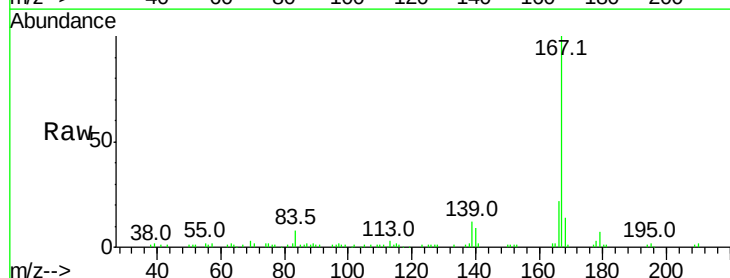


Time--> 11.35 11.40 11.45

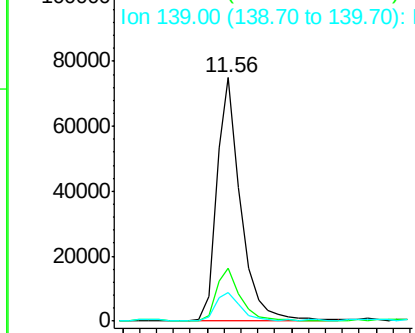


#72
 Carbazole
 Concen: 3.373 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

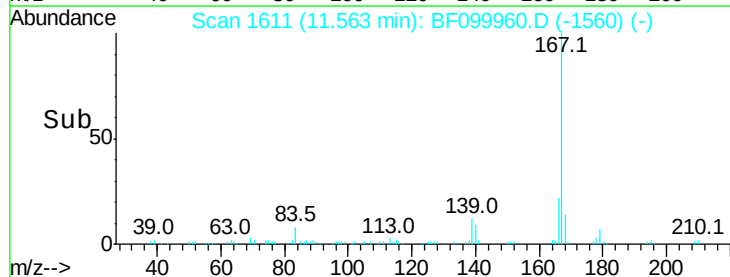
Tgt Ion:167 Resp: 74046
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 11.9 10.9 16.3

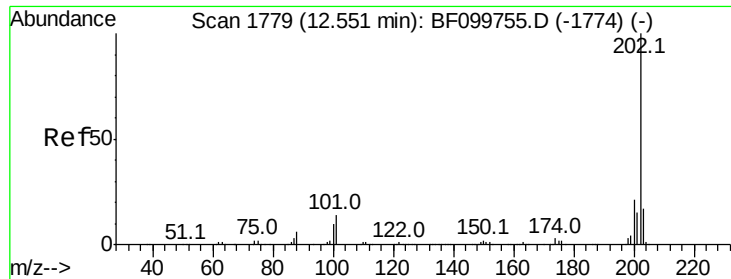


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.50 11.55 11.60 11.65





#74

Fluoranthene

Concen: 32.991 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

Instrument :

BNA_F

ClientSampled :

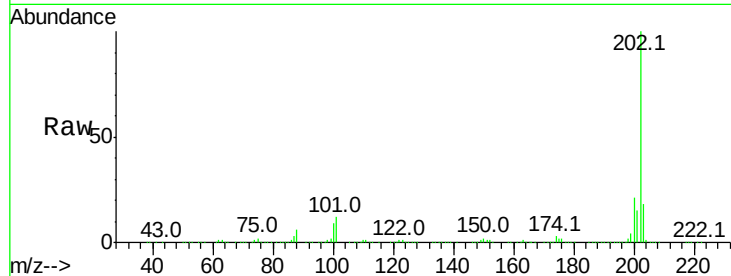
Tot Ion:202 Resp: 788617

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

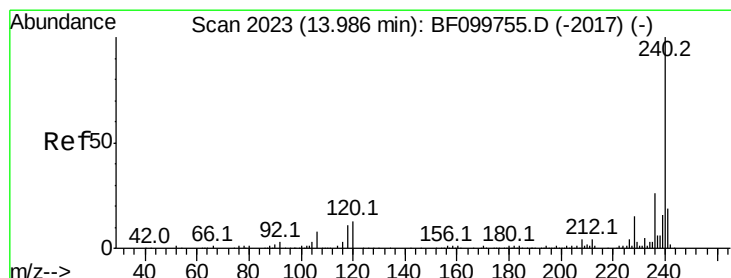
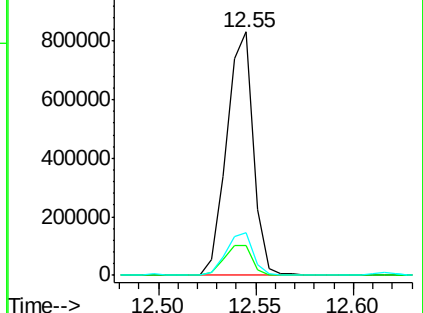
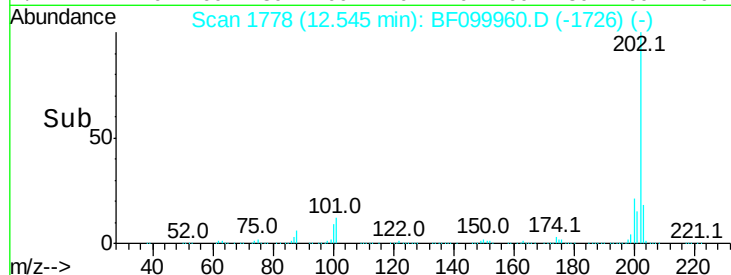
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

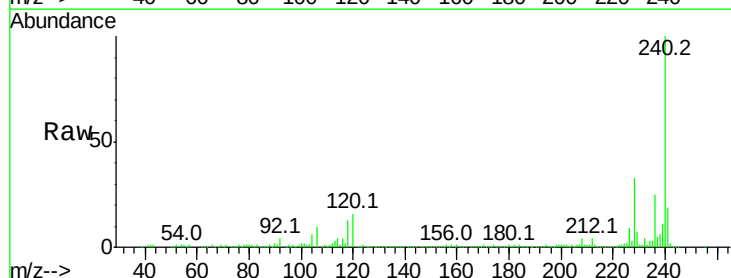
Tgt Ion:240 Resp: 249340

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

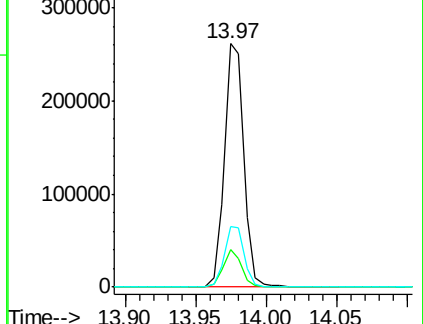
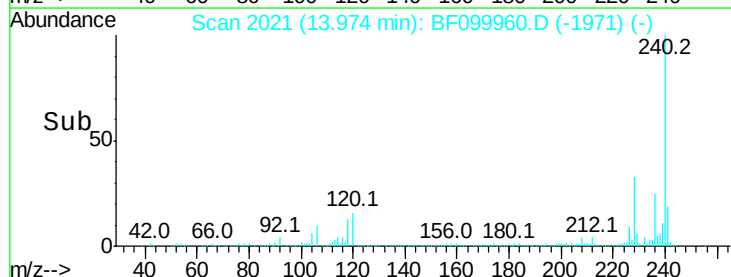
236 24.6 20.7 31.1

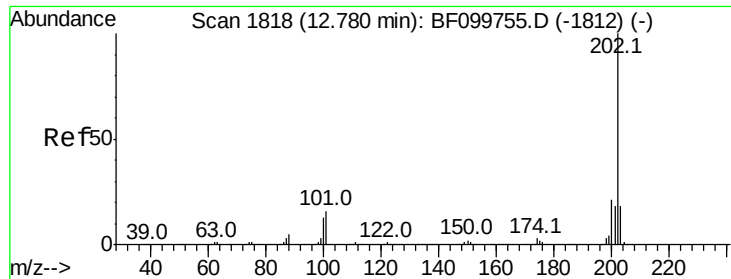


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

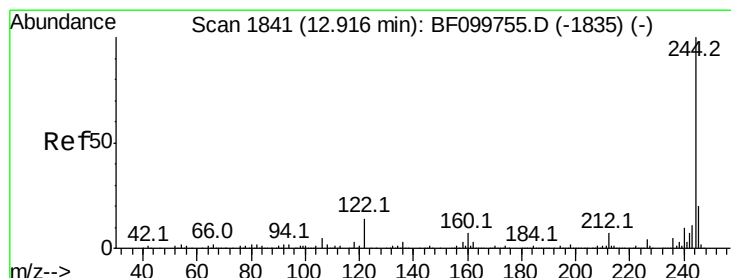
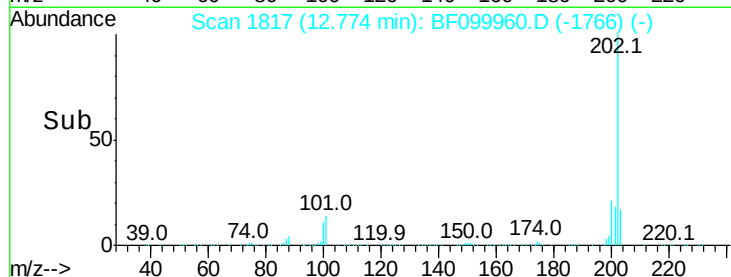
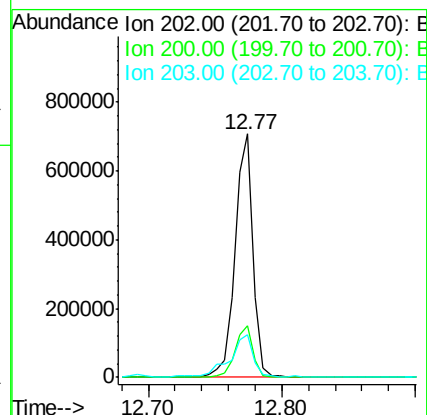
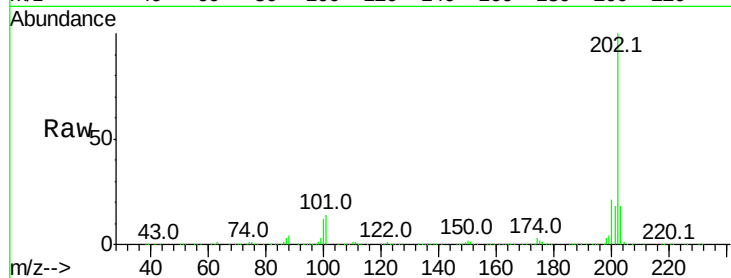




#77
Pvrene
Concen: 35.158 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

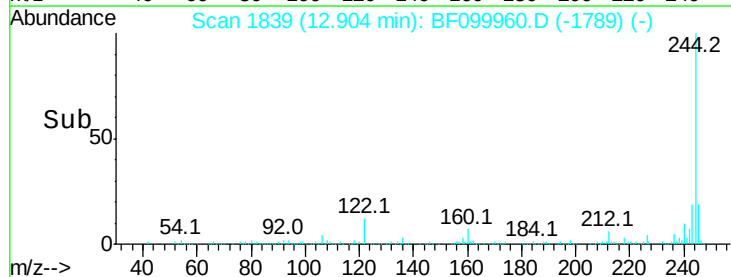
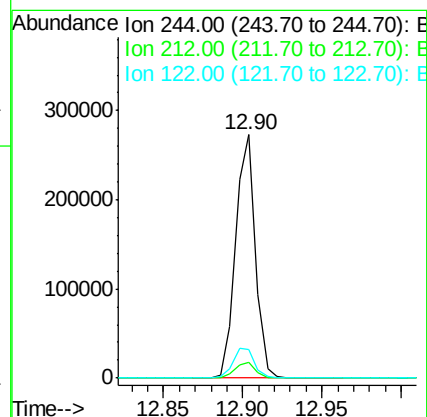
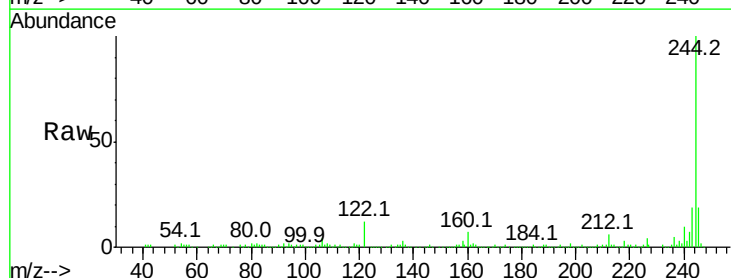
Instrument :
BNA_F
ClientSampled :

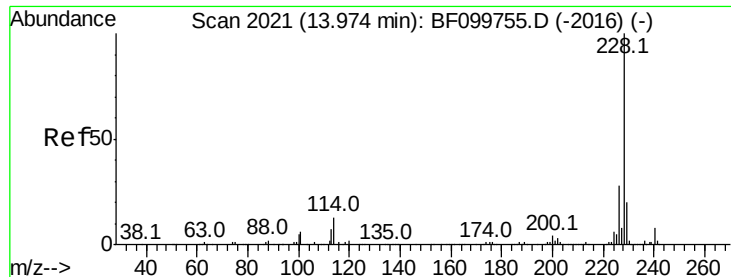
Tot Ion:202 Resp: 666577
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 20.669 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Tgt Ion:244 Resp: 235825
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 11.6 11.0 16.4

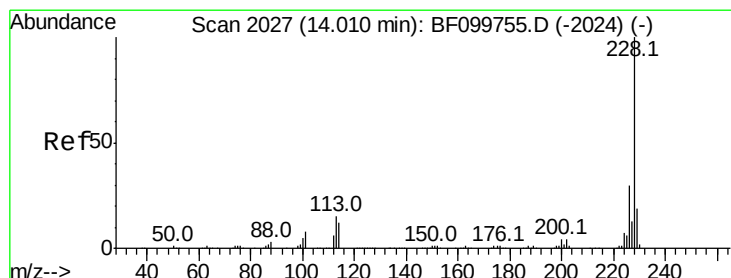
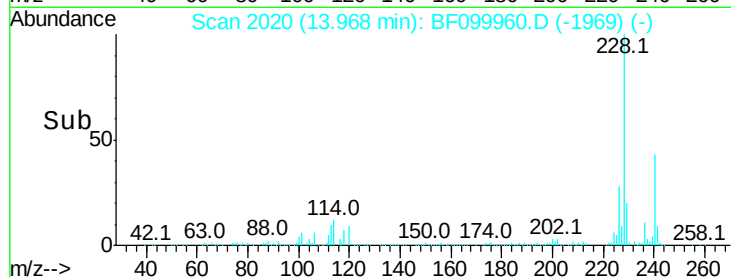
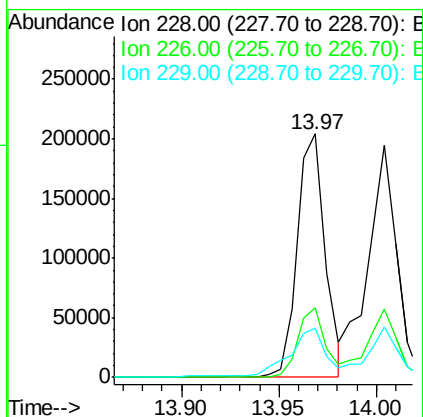
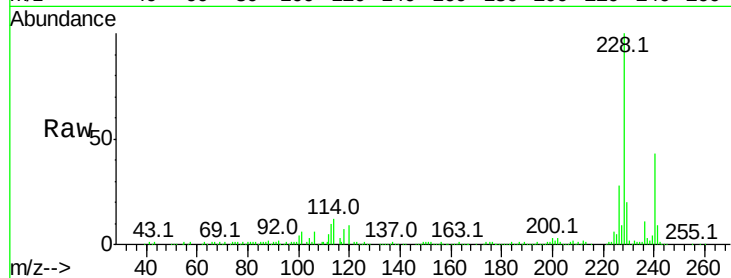




#80
Benzo(a)anthracene
Concen: 12.857 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

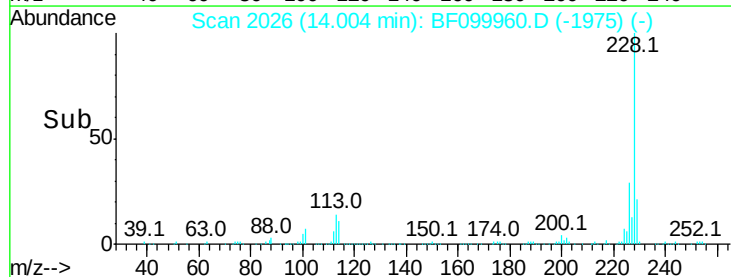
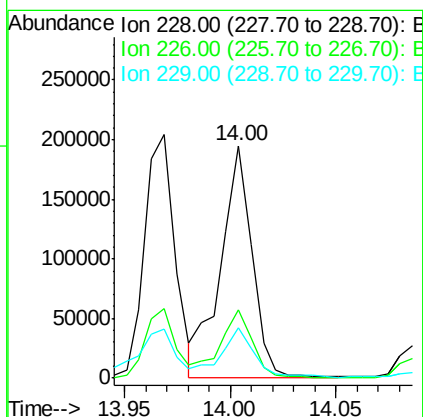
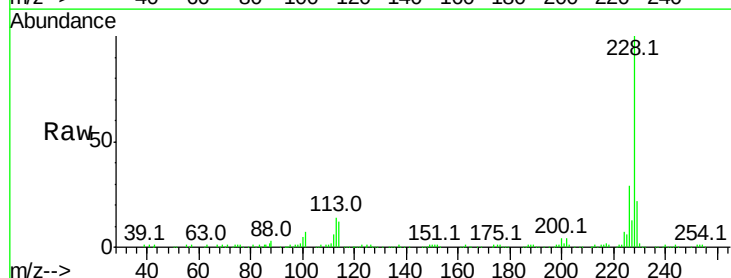
Instrument :
BNA_F
ClientSampled :

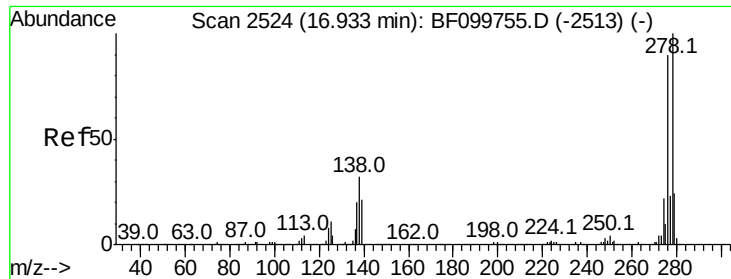
Tot Ion:228 Resp: 203224
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.4 15.8 23.6



#82
Chrysene
Concen: 13.560 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Tgt Ion:228 Resp: 201497
Ion Ratio Lower Upper
228 100
226 29.5 25.0 37.6
229 21.5 16.2 24.4

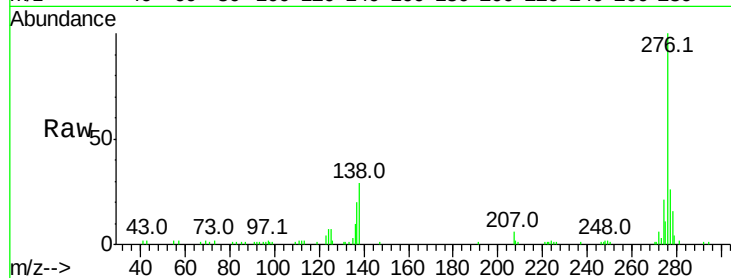




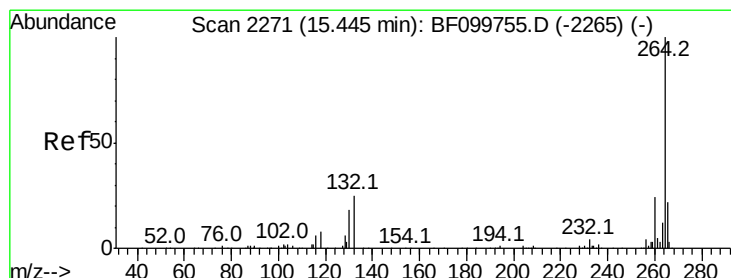
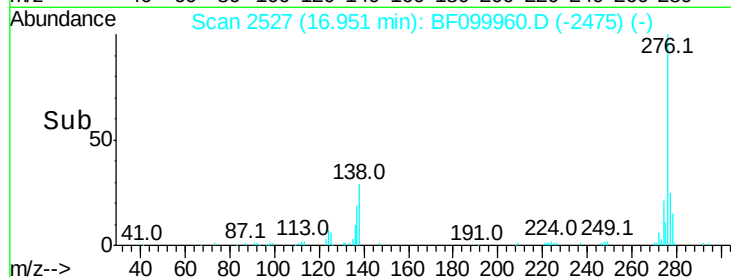
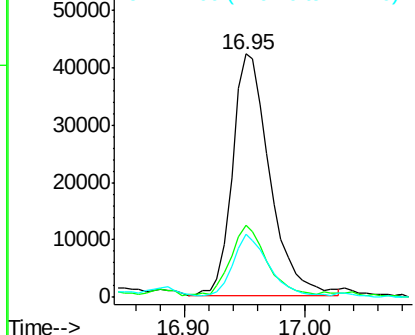
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.610 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.01 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	23.7	20.1	30.1

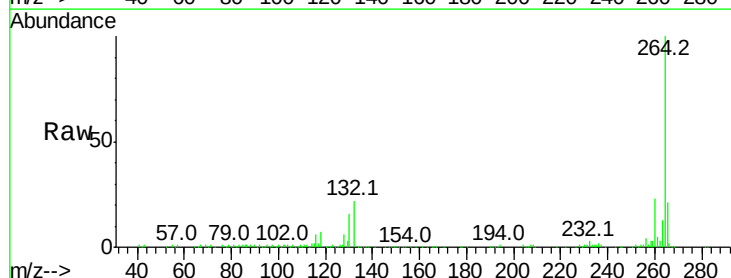


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

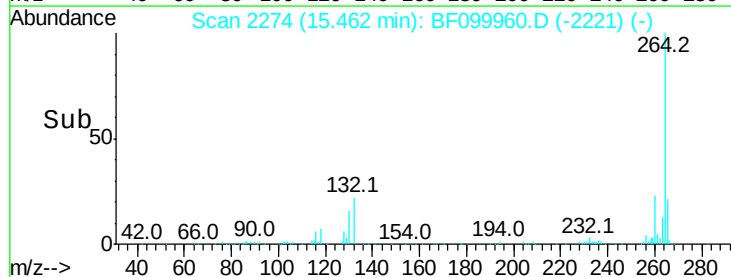
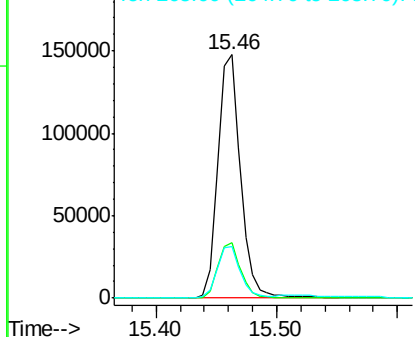


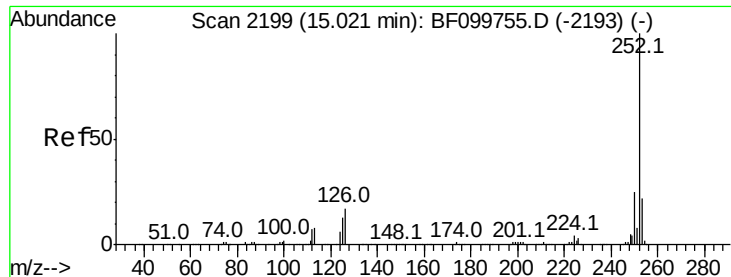
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099960.D
 Acq: 30 Oct 2017 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	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

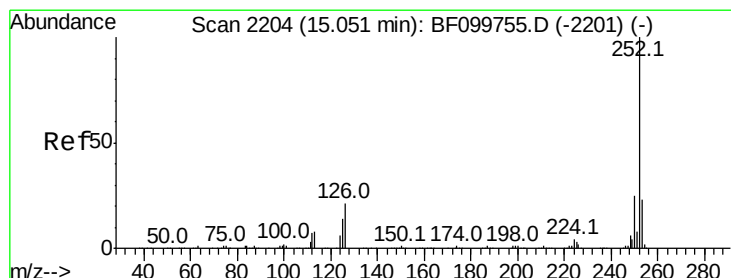
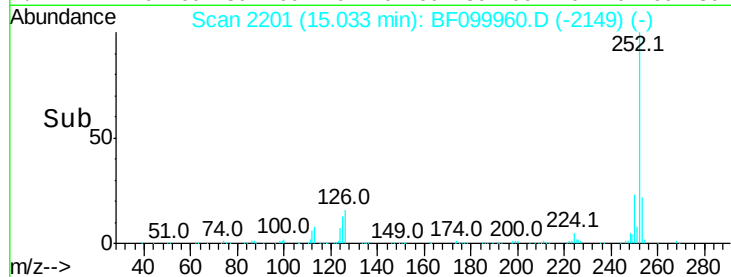
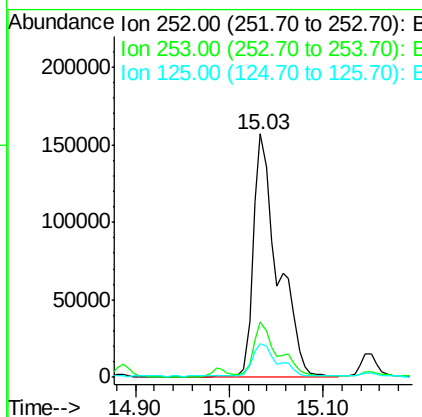
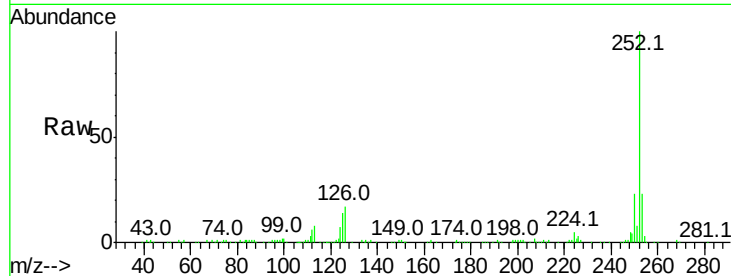




#87
Benzo(b)fluoranthene
Concen: 23.717 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

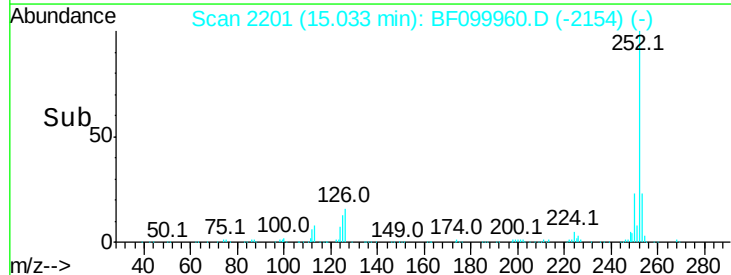
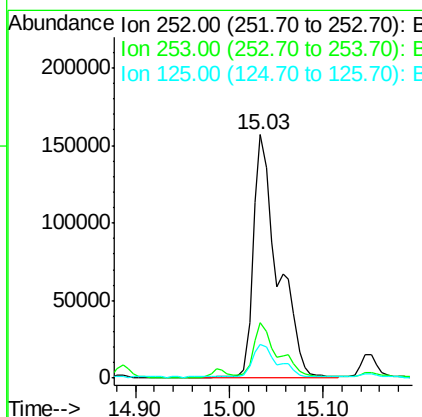
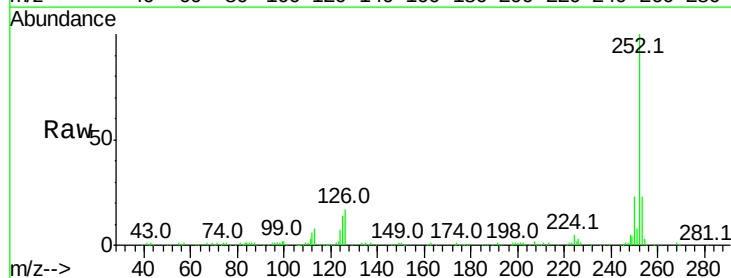
Instrument :
BNA_F
ClientSampleId :

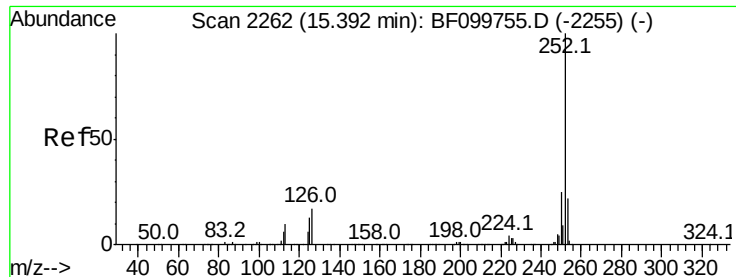
Tot Ion:252 Resp: 285049
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 13.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 25.151 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF099960.D
Acq: 30 Oct 2017 15:35

Tgt Ion:252 Resp: 285049
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 13.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 11.695 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

Instrument :

BNA_F

ClientSampleId :

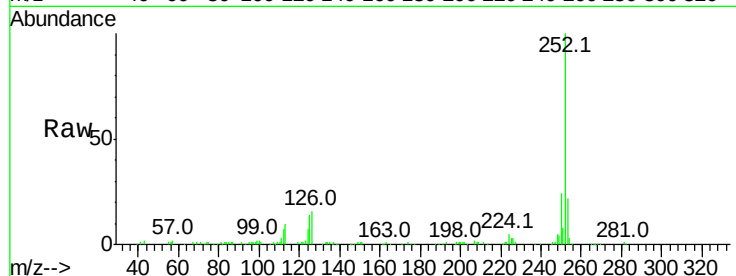
Tot Ion:252 Resp: 126262

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

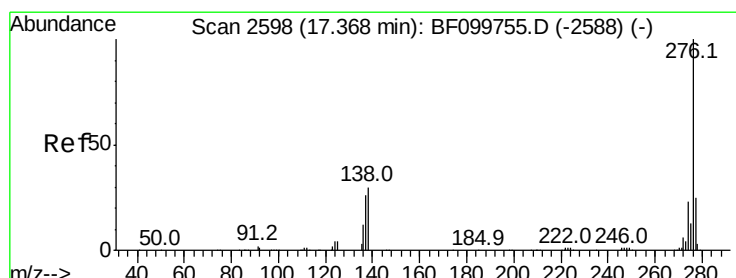
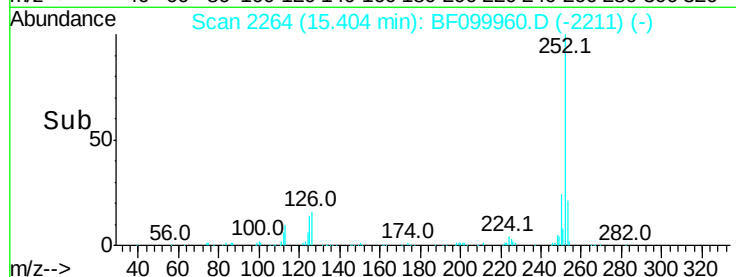
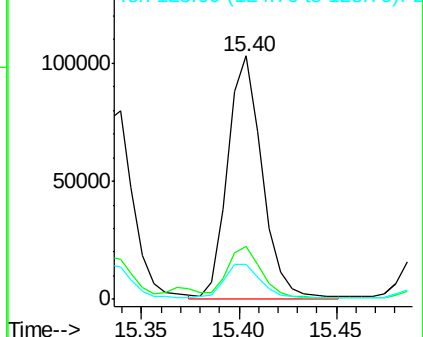
125 14.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.029 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.02 min

Lab File: BF099960.D

Acq: 30 Oct 2017 15:35

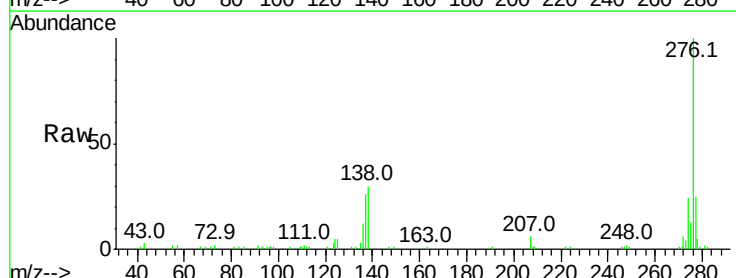
Tgt Ion:276 Resp: 94129

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 30.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

