

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098099.D
 Acq On : 29 Aug 2017 7:02
 Operator : SJ/JU
 Sample : I4961-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 09:32:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	113562	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	449015	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	198719	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	356551	20.00	ng	0.00
75) Chrysene-d12	13.89	240	257724	20.00	ng	0.00
86) Perylene-d12	15.32	264	267479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1005474	134.68	ng	0.00
7) Phenol-d6	6.38	99	1363575	134.42	ng	0.00
23) Nitrobenzene-d5	7.30	82	829698	100.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	223087	129.38	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1151616	85.14	ng	0.00
78) Terphenyl-d14	12.85	244	841913	68.12	ng	0.00

Target Compounds

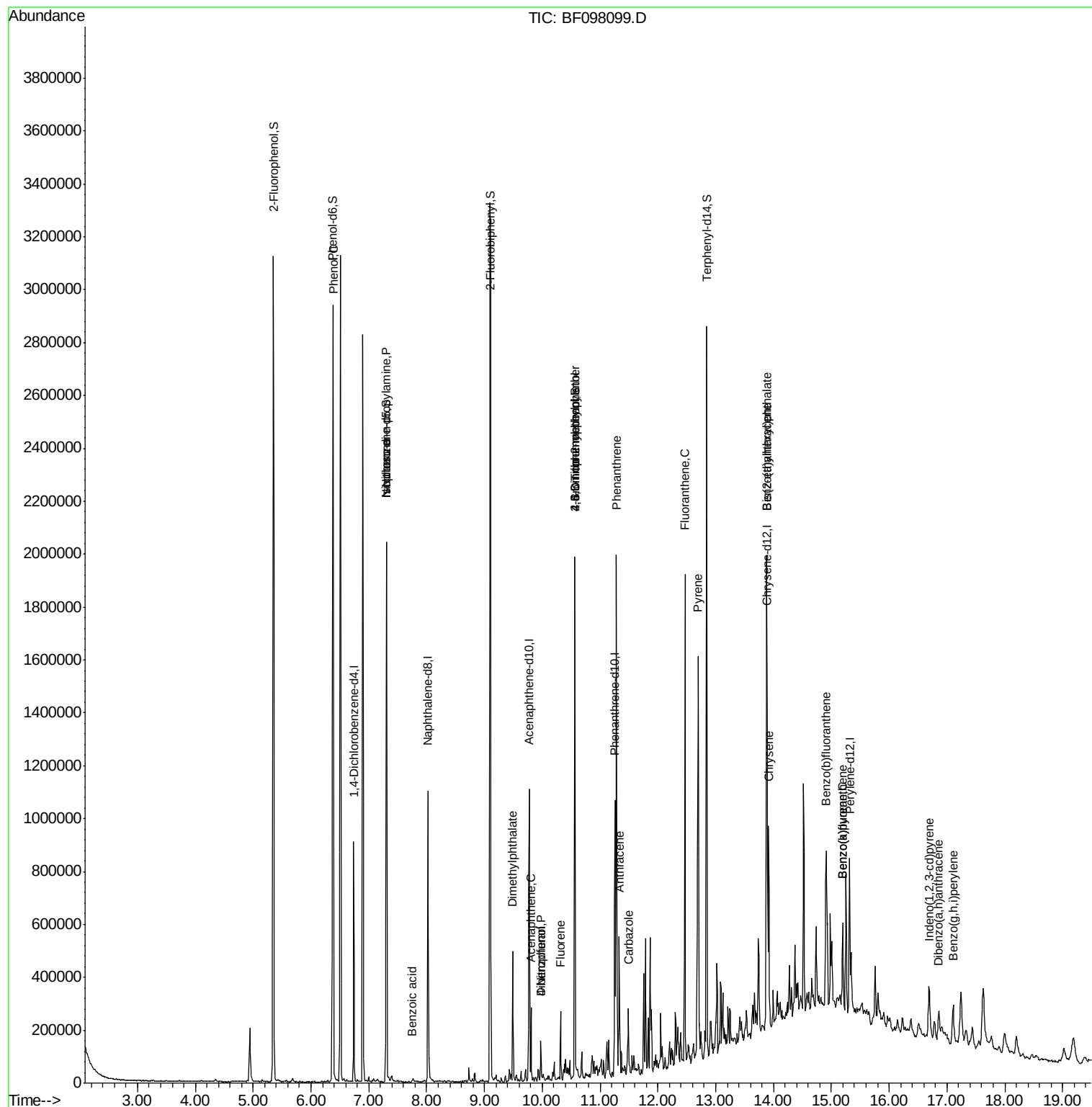
						Qvalue
10) Phenol	6.39	94	47057	3.966	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	111493	16.056	ng	# 73
25) Isophorone	7.30	82	820247	47.725	ng	# 67
32) Benzoic acid	7.75	122	1063	6.581	ng	93
49) Dimethylphthalate	9.49	163	163778	11.275	ng	99
51) Acenaphthene	9.80	154	51335	3.871	ng	99
54) Dibenzofuran	9.97	168	48070	2.705	ng	# 98
55) 4-Nitrophenol	9.97	139	18887	6.329	ng	# 28
57) Fluorene	10.32	166	66456	4.836	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	479	8.556	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	14378	3.883	ng	# 1
70) Phenanthrene	11.28	178	701715	36.933	ng	100
71) Anthracene	11.33	178	201526	10.458	ng	98
72) Carbazole	11.49	167	79208	4.330	ng	98
74) Fluoranthene	12.47	202	673969	33.985	ng	99
77) Pyrene	12.70	202	653077	30.983	ng	98
80) Benzo(a)anthracene	13.88	228	299445	19.386	ng	99
82) Chrysene	13.92	228	272301	17.721	ng	97
83) Bis(2-ethylhexyl)phthalate	13.88	149	259041	28.926	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.69	276	124123	10.981	ng	# 87
87) Benzo(b)fluoranthene	14.91	252	429377	25.467	ng	98
88) Benzo(k)fluoranthene	15.20	252	157169	9.922	ng	98
89) Benzo(a)pyrene	15.20	252	160593	10.759	ng	96
90) Dibenzo(a,h)anthracene	16.86	278	27717	2.281	ng	94
91) Benzo(g,h,i)perylene	17.11	276	112636	8.884	ng	# 91

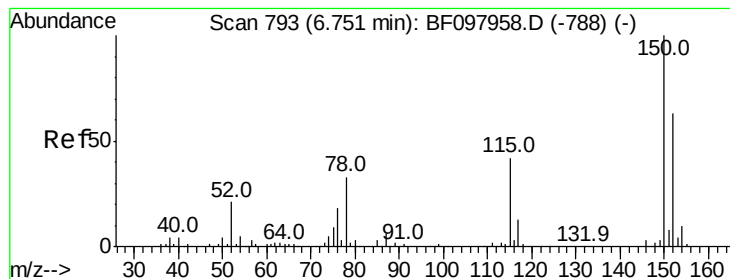
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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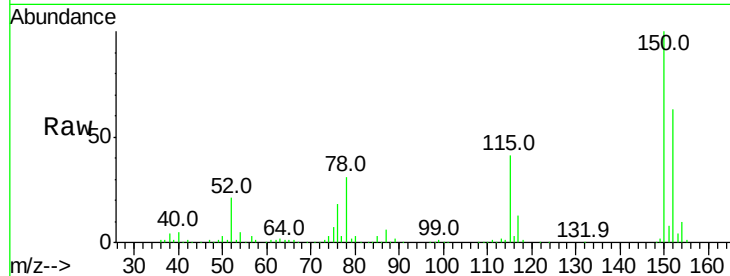


#1

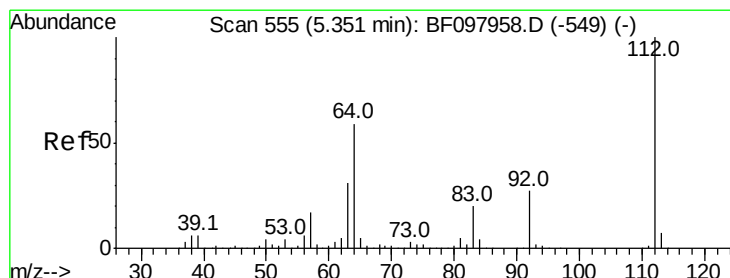
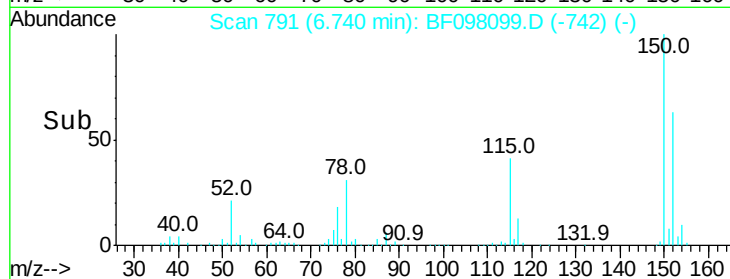
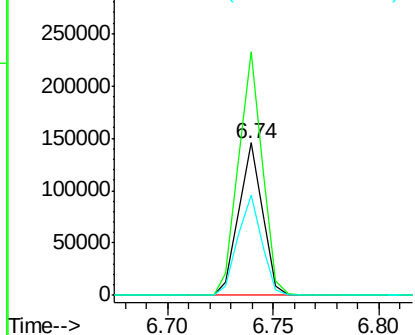
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113562
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 65.7 52.2 78.2



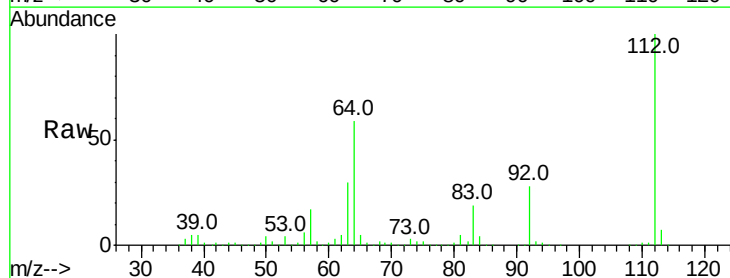
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



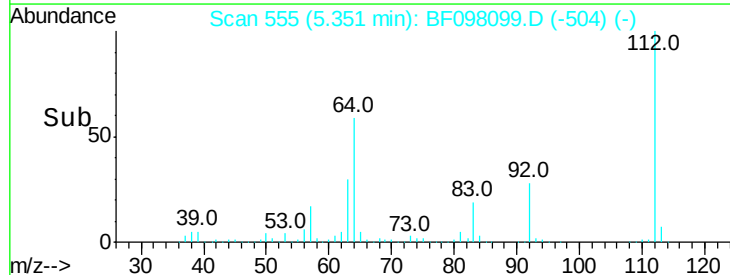
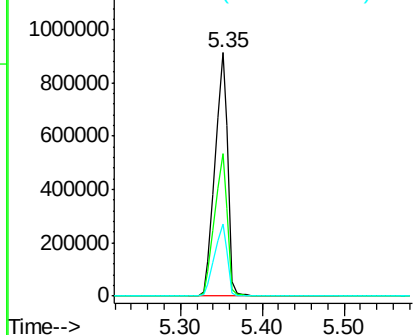
#5

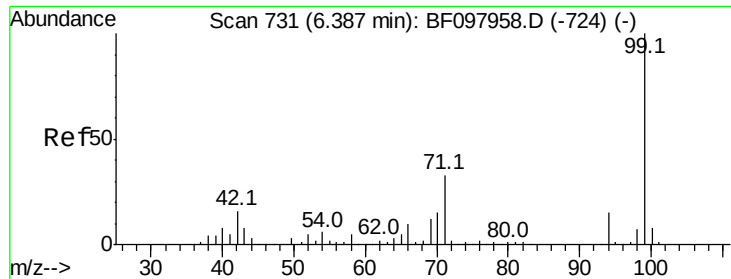
2-Fluorophenol
Concen: 134.675 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:112 Resp: 1005474
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.7 23.4 35.0



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: 134.421 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

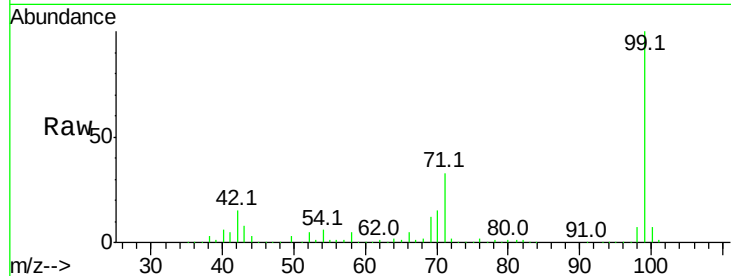
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1363575

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.7	24.5	36.7

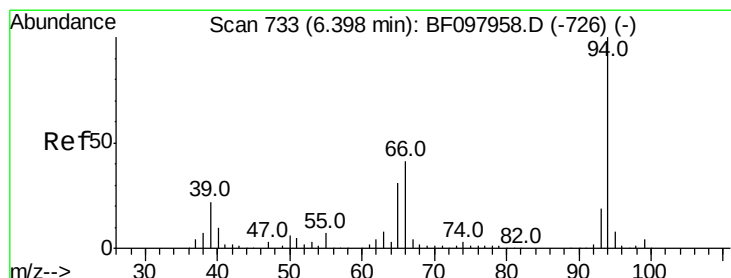
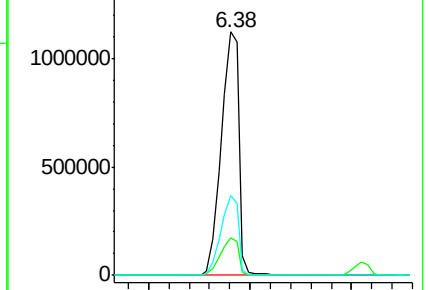
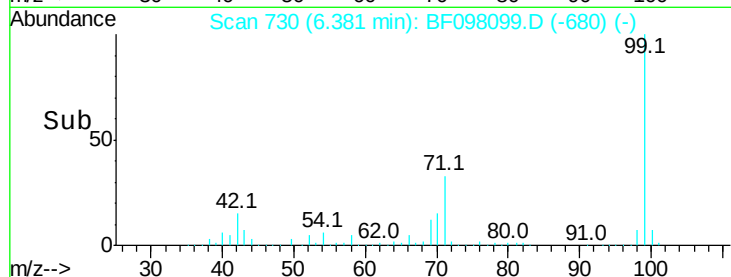


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.966 ng

RT: 6.39 min Scan# 732

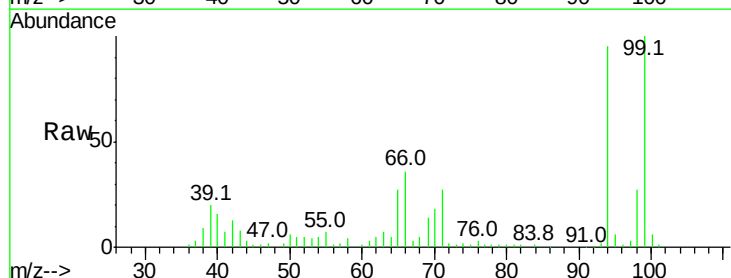
Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Tgt Ion: 94 Resp: 47057

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.9	49.9
66	38.0	23.1	63.1

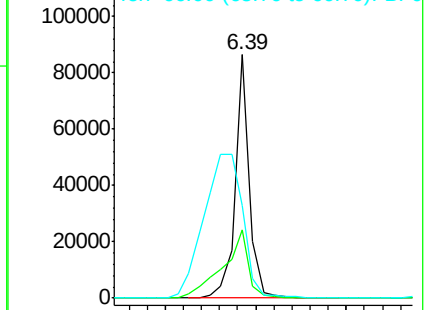
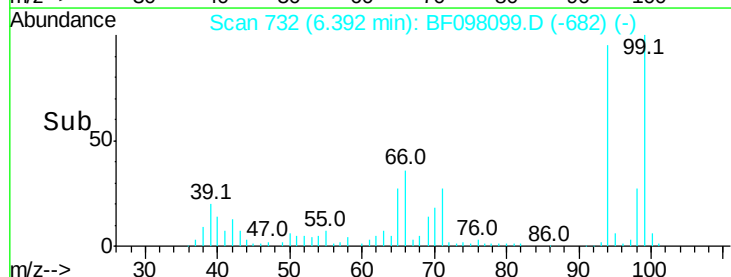


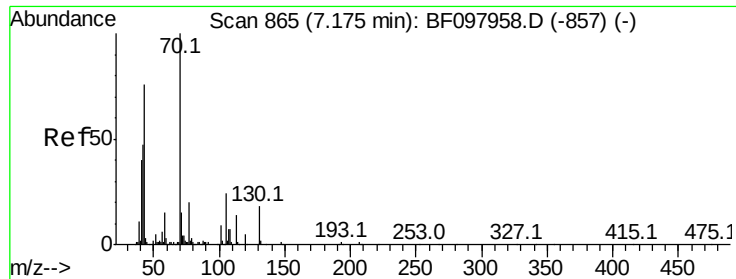
Abundance

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

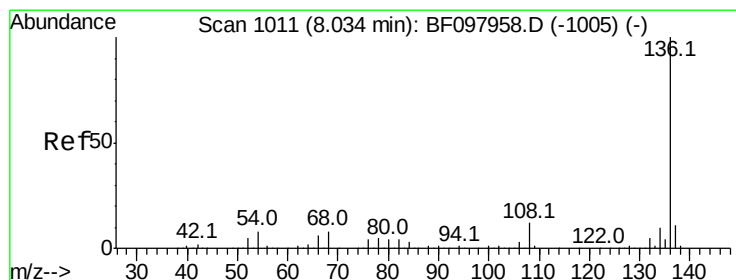
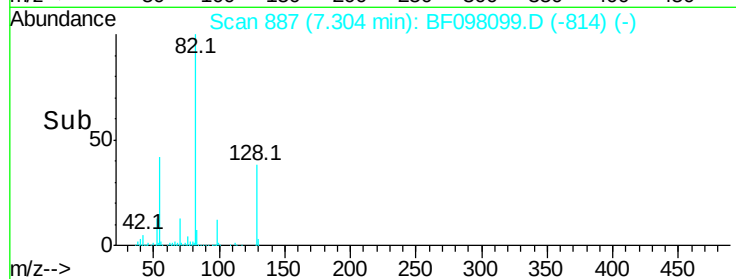
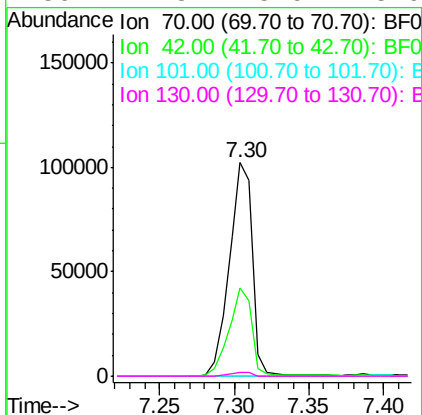
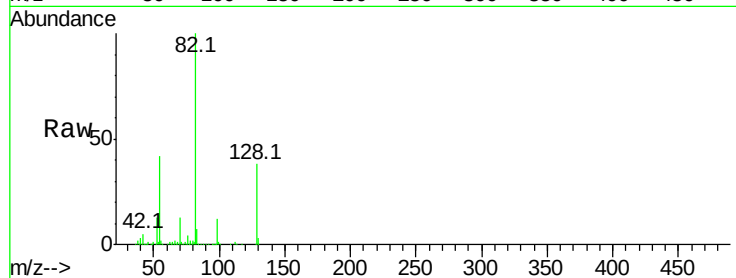




#19
n-Nitroso-di-n-propylamine
Concen: 16.056 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

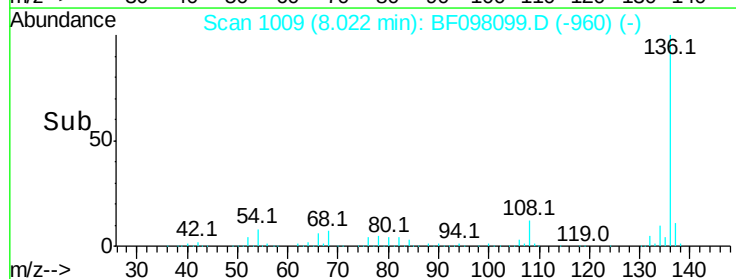
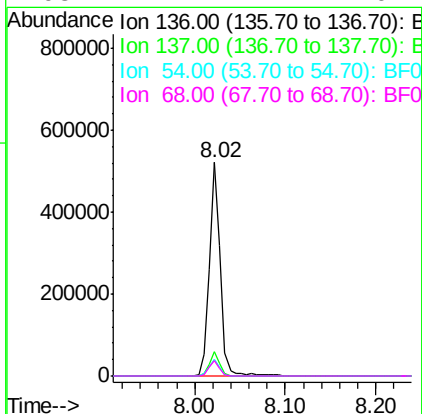
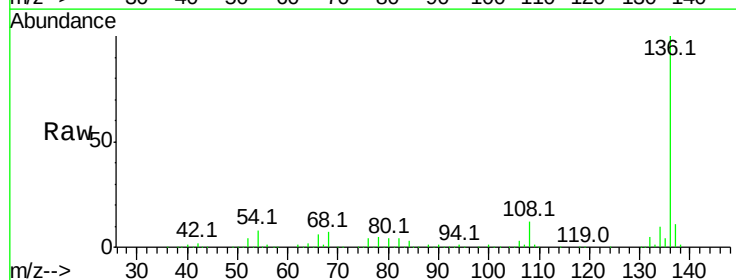
Instrument :
BNA_F
ClientSampleId :

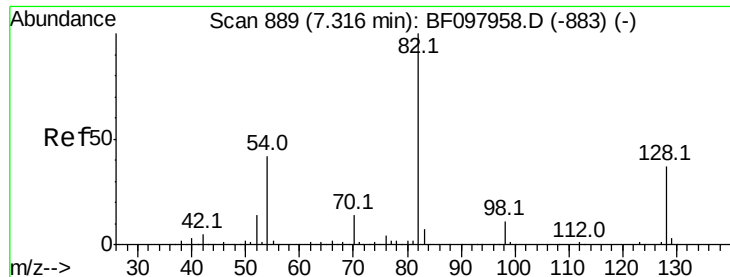
Tot Ion: 70 Resp: 111493
Ion Ratio Lower Upper
70 100
42 41.4 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion: 136 Resp: 449015
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.6 4.9 7.3#
68 7.4 4.1 6.1#

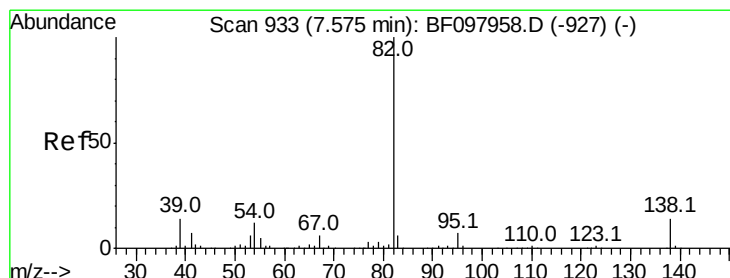
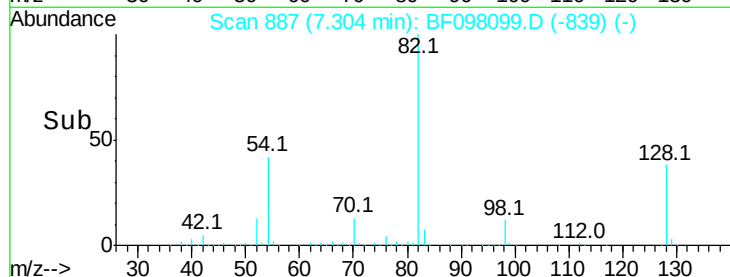
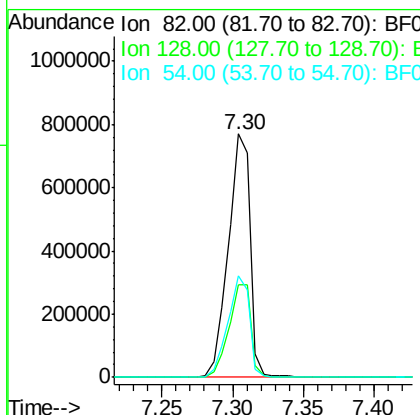
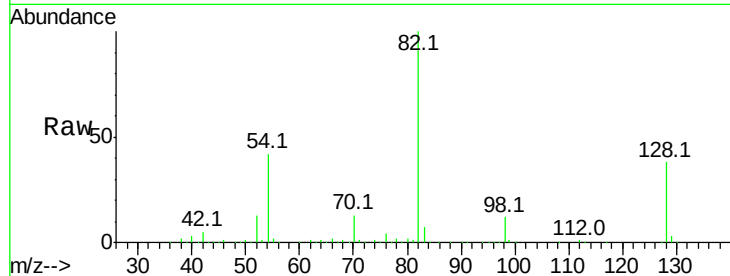




#23
 Nitrobenzene-d5
 Concen: 100.382 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

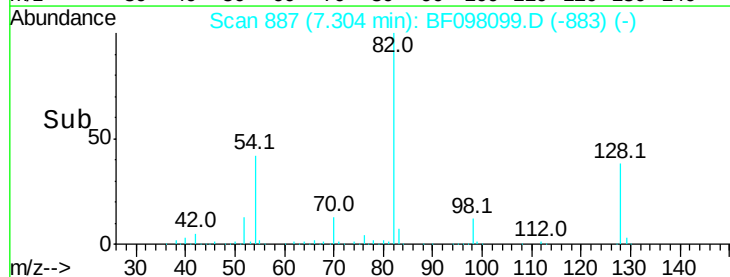
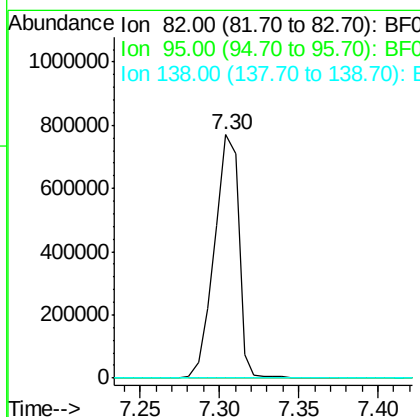
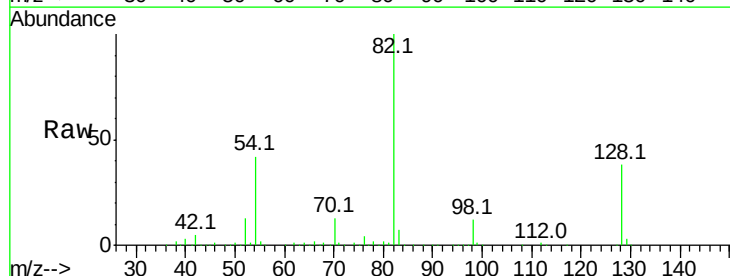
Instrument :
 BNA_F
 ClientSampleId :

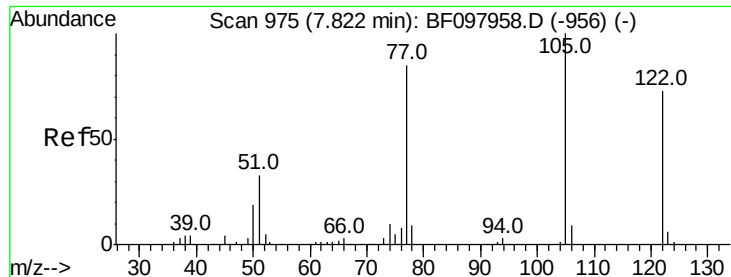
Tot Ion	82	Resp	829698
Ion Ratio	100	Lower	Upper
128	38.1	34.0	51.0
54	41.8	42.2	63.2#



#25
 Isophorone
 Concen: 47.725 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Tgt Ion	82	Resp	820247
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

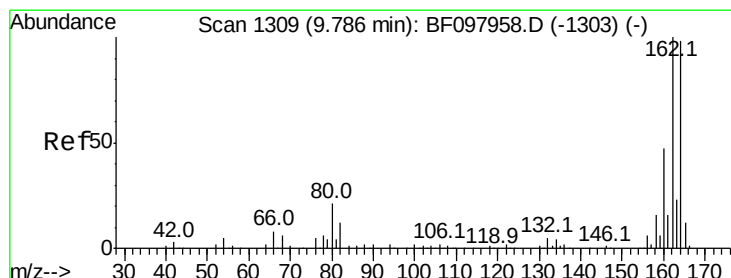
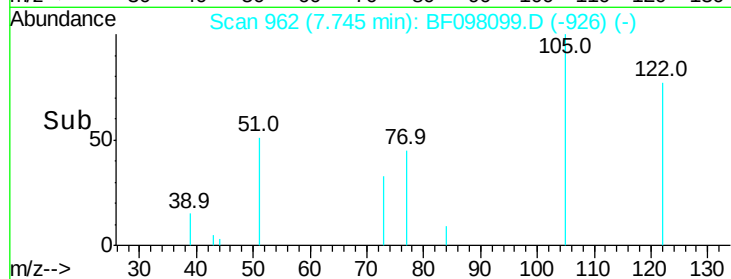
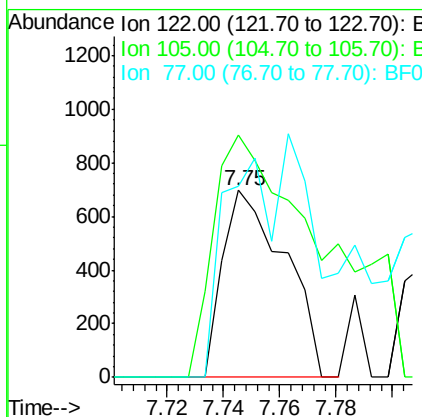
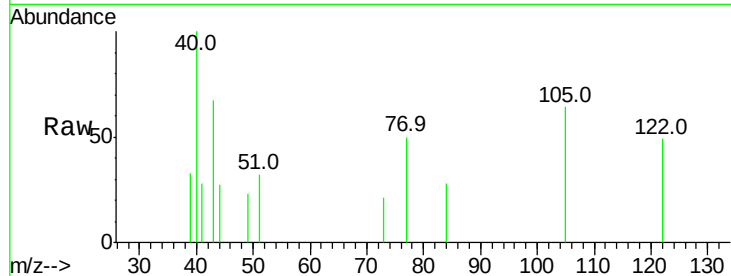




#32
Benzoic acid
Concen: 6.581 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

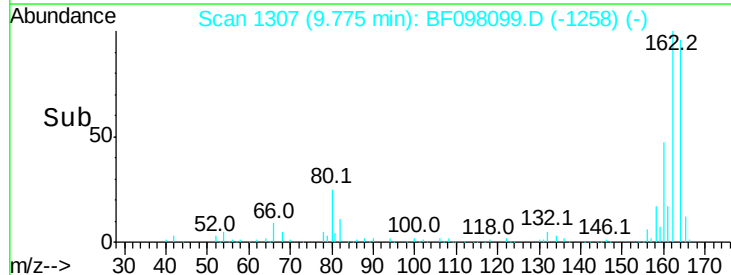
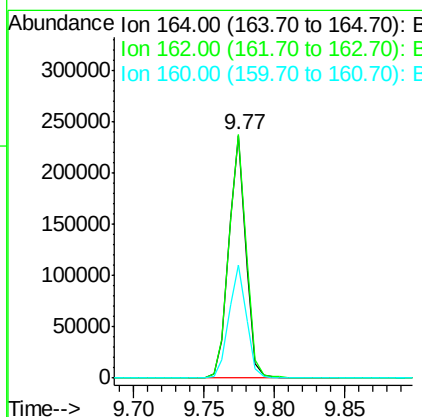
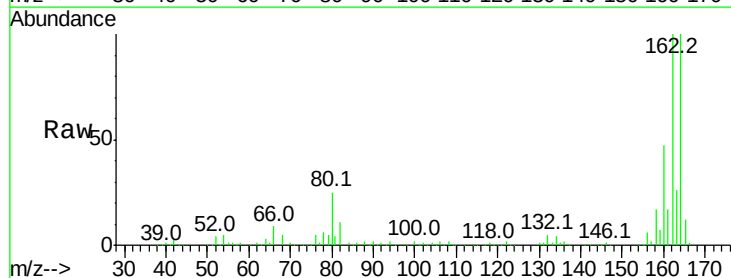
Instrument :
BNA_F
ClientSampleId :

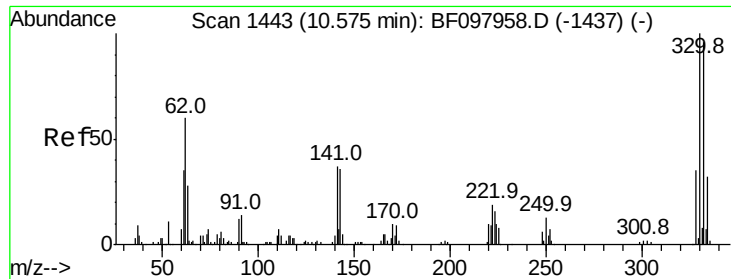
Tot Ion:122 Resp: 1063
Ion Ratio Lower Upper
122 100
105 129.5 103.3 143.3
77 102.3 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:164 Resp: 198719
Ion Ratio Lower Upper
164 100
162 100.2 82.6 123.8
160 46.7 36.2 54.2

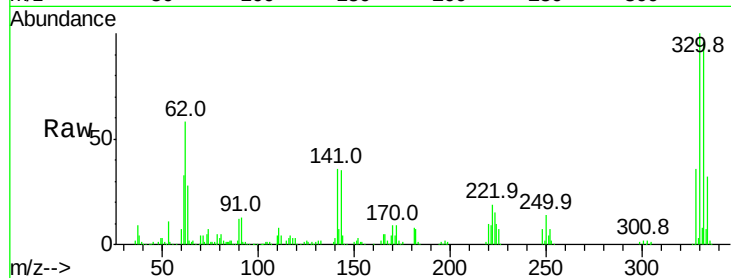




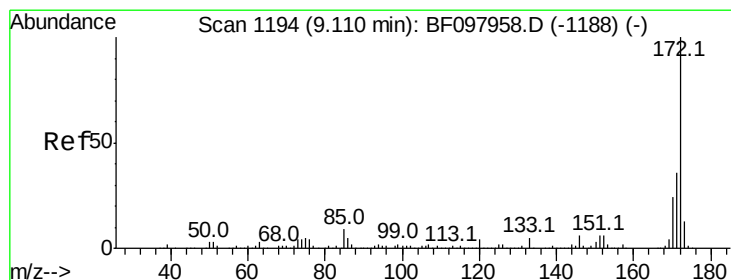
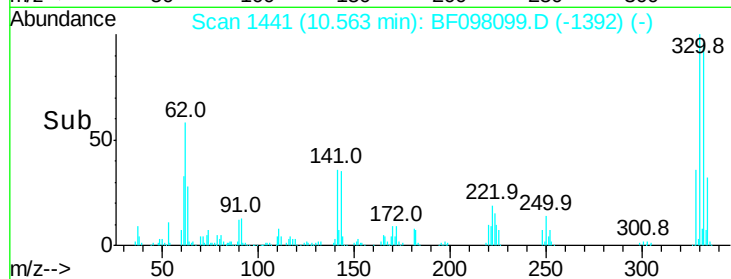
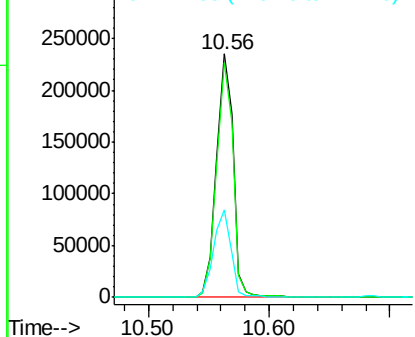
#41
 2,4,6-Tribromophenol
 Concen: 129.385 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223087
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 37.8 31.4 47.2

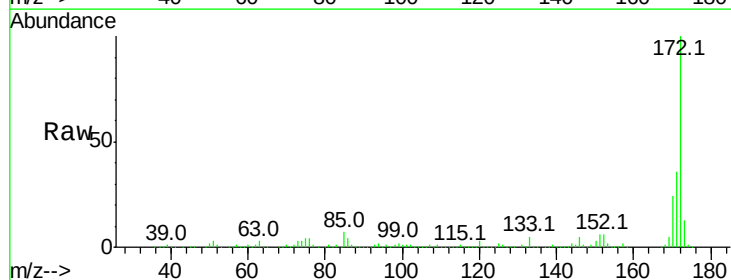


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

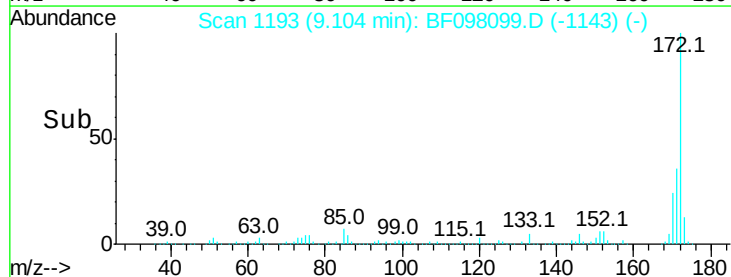
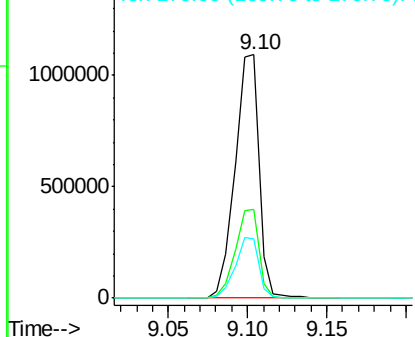


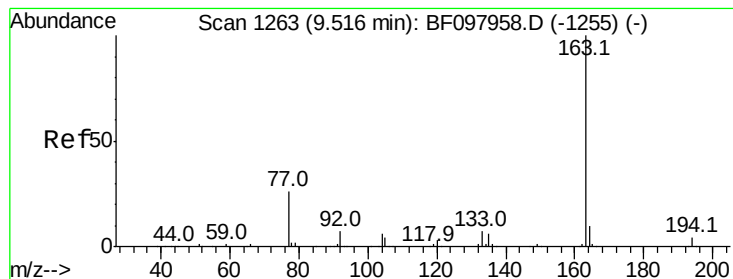
#44
 2-Fluorobiphenyl
 Concen: 85.143 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Tgt Ion:172 Resp: 1151616
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 19.8 29.8



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: 11.275 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

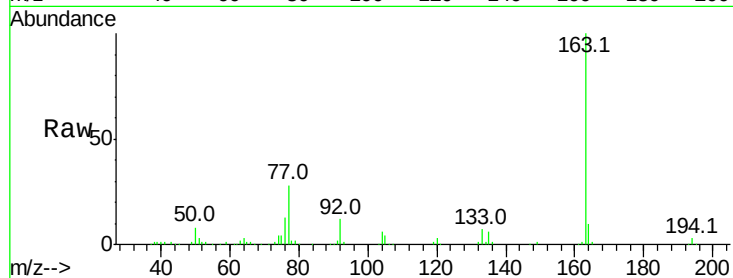
Tot Ion:163 Resp: 163778

Ion Ratio Lower Upper

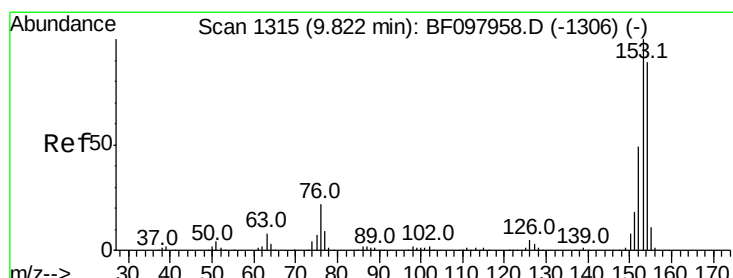
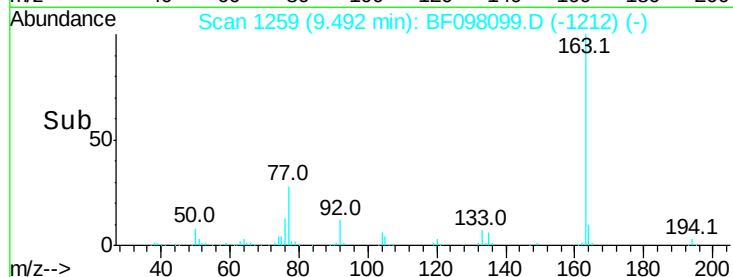
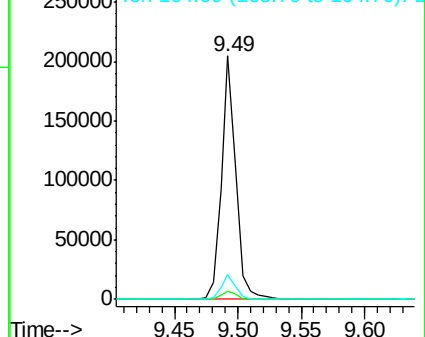
163 100

194 3.4 2.6 4.0

164 10.2 8.4 12.6



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



#51

Acenaphthene

Concen: 3.871 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

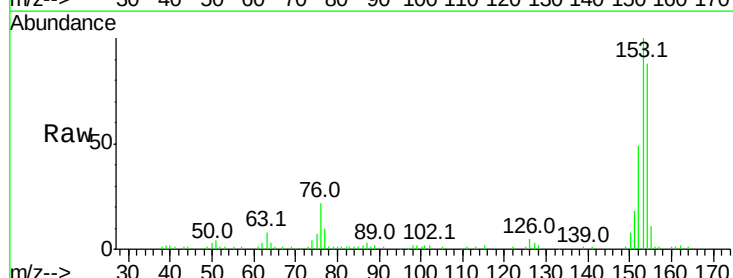
Tgt Ion:154 Resp: 51335

Ion Ratio Lower Upper

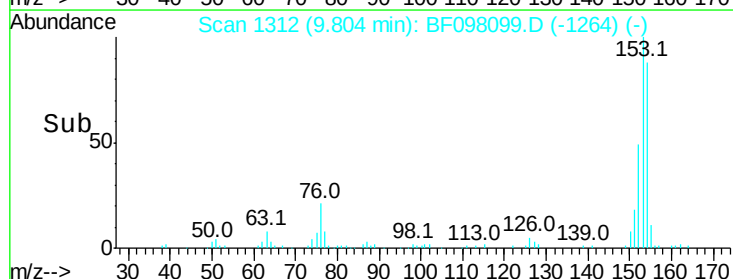
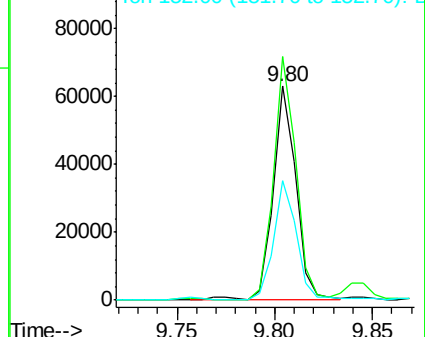
154 100

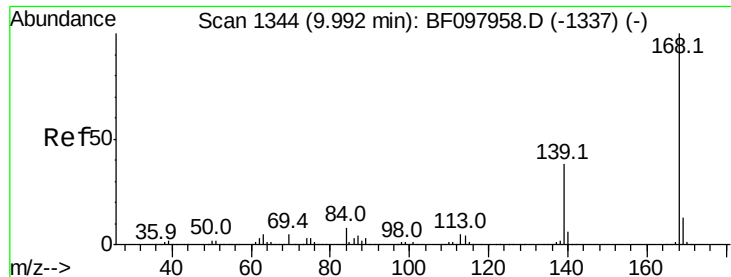
153 113.7 90.5 135.7

152 56.0 43.6 65.4



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

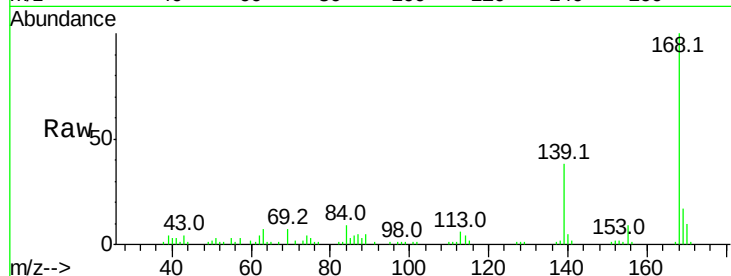




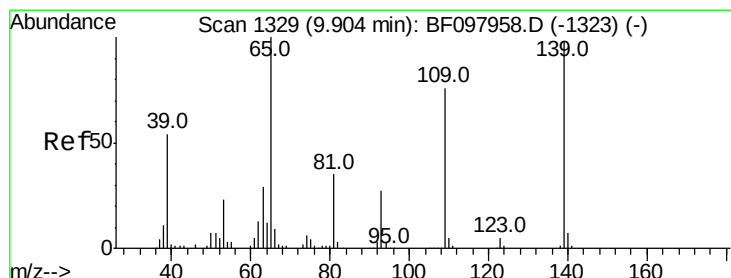
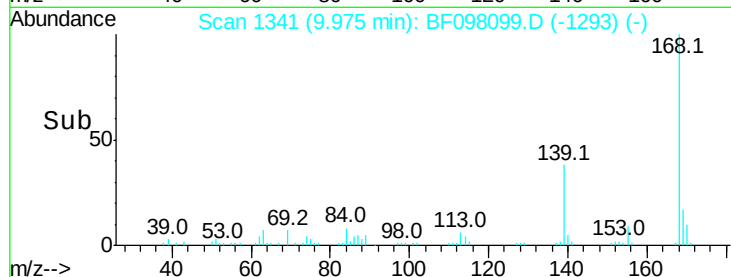
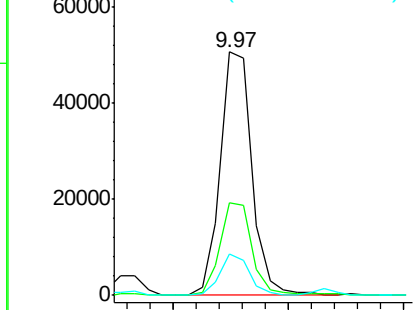
#54
Dibenzofuran
Concen: 2.705 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 48070
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 16.8 10.8 16.2#

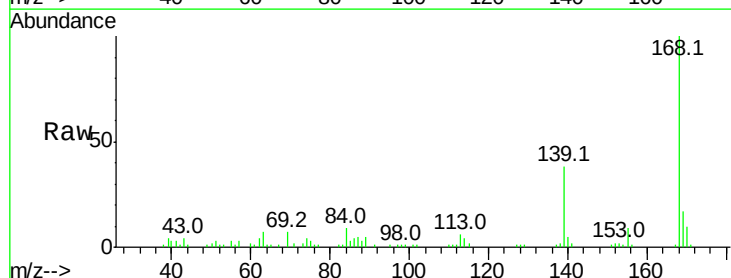


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

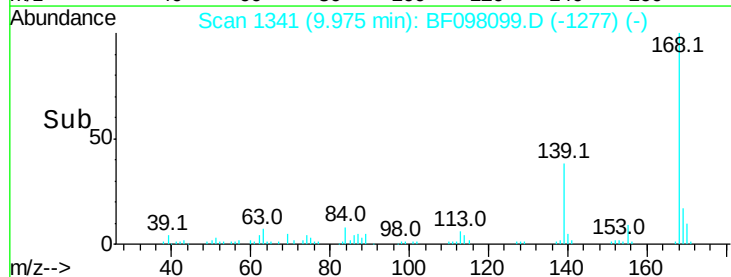
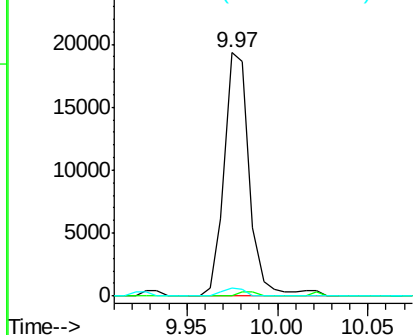


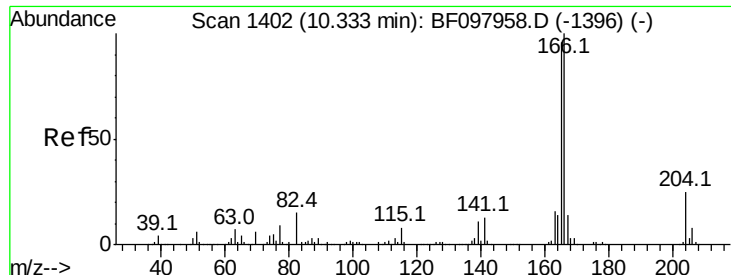
#55
4-Nitrophenol
Concen: 6.329 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.08 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:139 Resp: 18887
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 3.1 31.4 71.4#



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

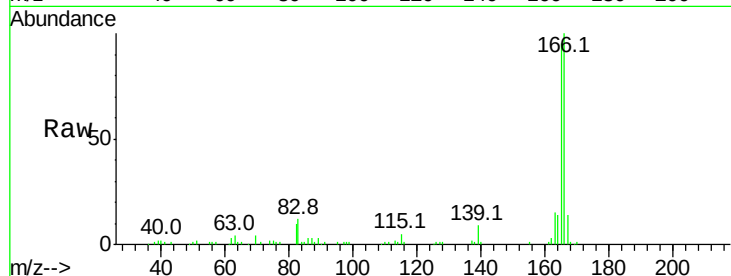




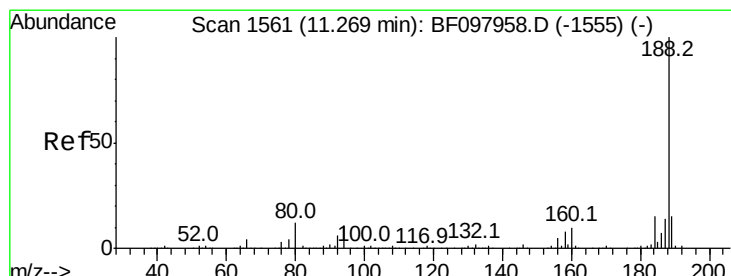
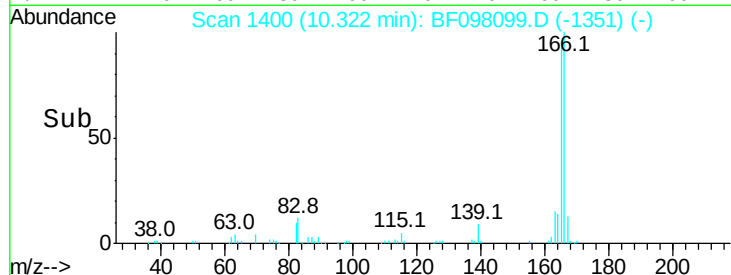
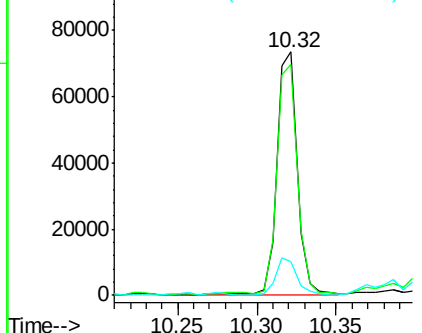
#57
Fluorene
 Concen: 4.836 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 66456
 Ion Ratio Lower Upper
 166 100
 165 94.8 78.8 118.2
 167 13.6 10.6 16.0

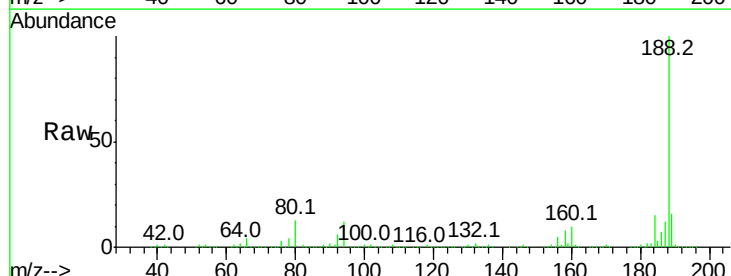


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

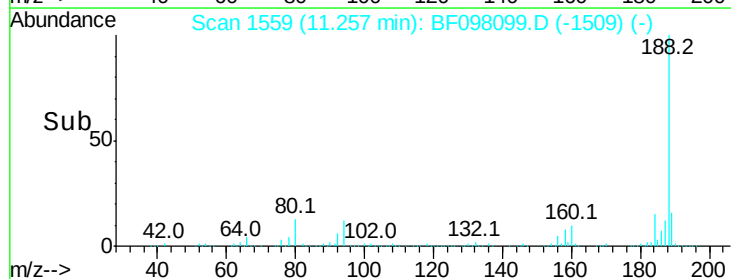
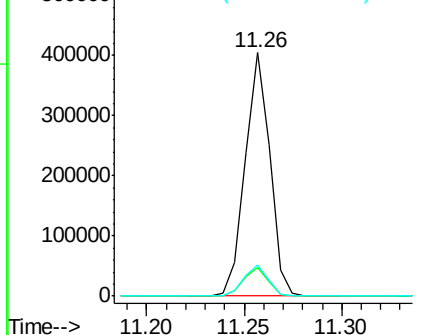


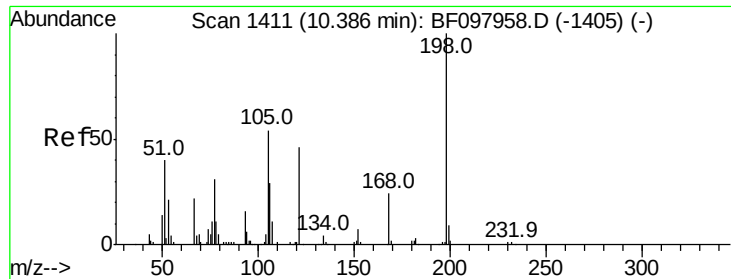
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Tgt Ion:188 Resp: 356551
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.7 10.2 15.2



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

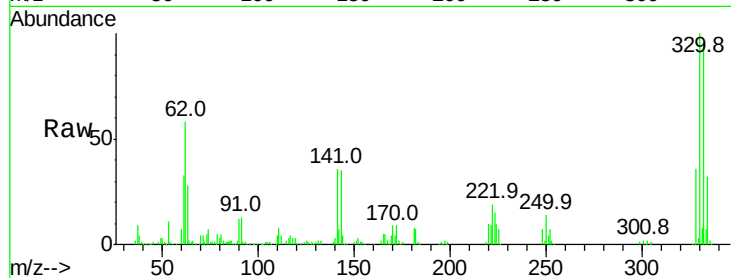




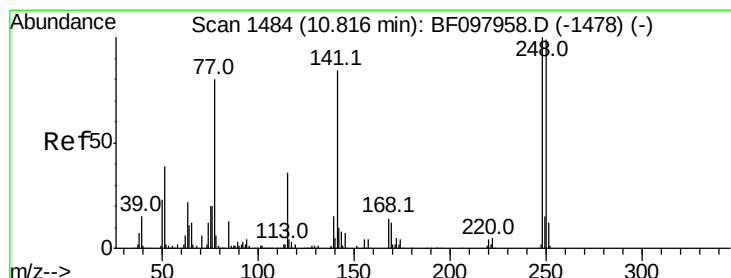
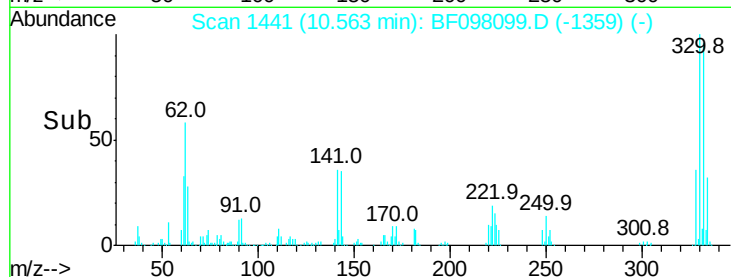
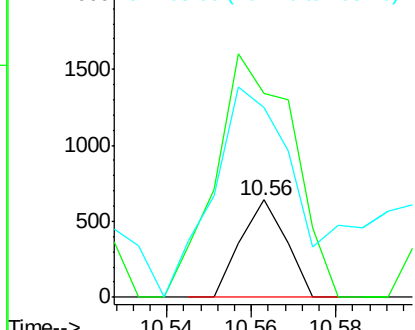
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.556 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 479
 Ion Ratio Lower Upper
 198 100
 51 210.0 53.2 93.2#
 105 194.5 45.8 85.8#

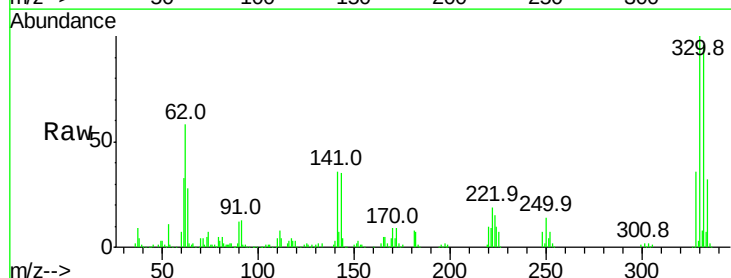


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

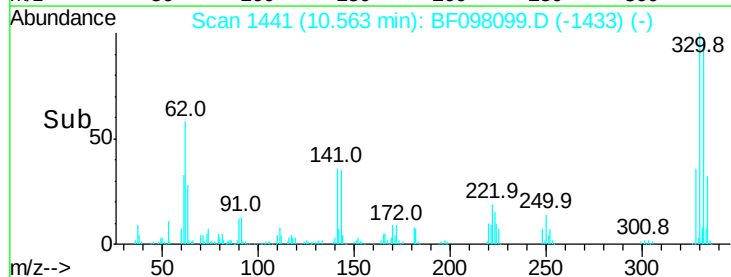
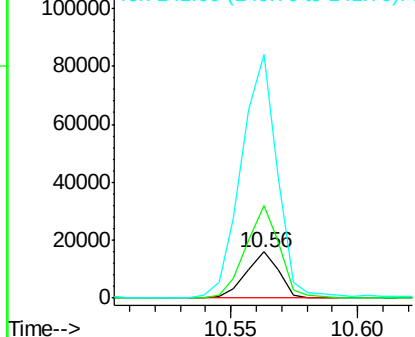


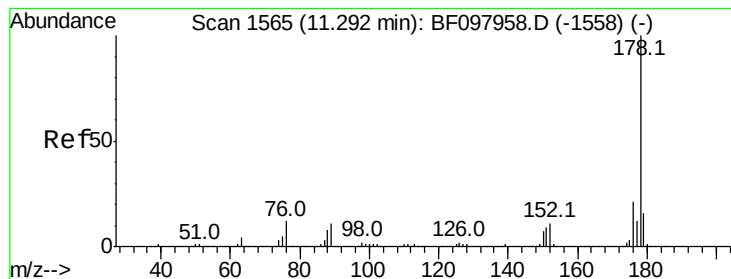
#66
 4-Bromophenyl-phenylether
 Concen: 3.883 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Tgt Ion:248 Resp: 14378
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.8 115.2#
 141 526.3 68.6 103.0#



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: 36.933 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampled :

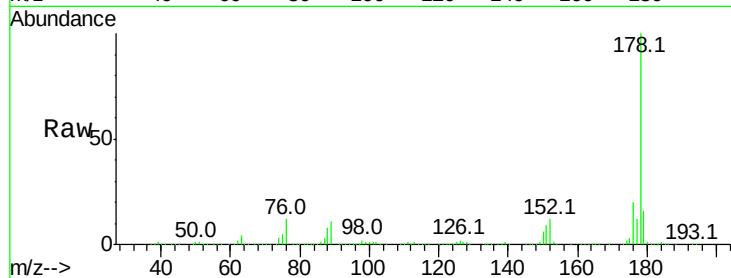
Tot Ion:178 Resp: 701715

Ion Ratio Lower Upper

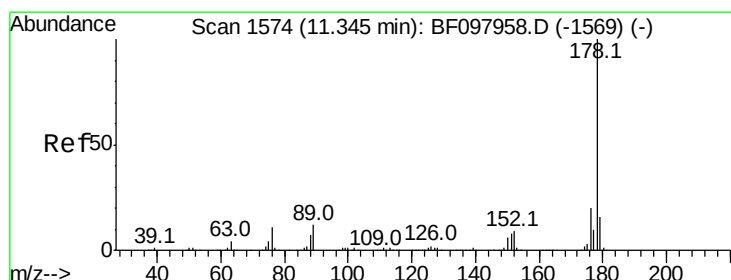
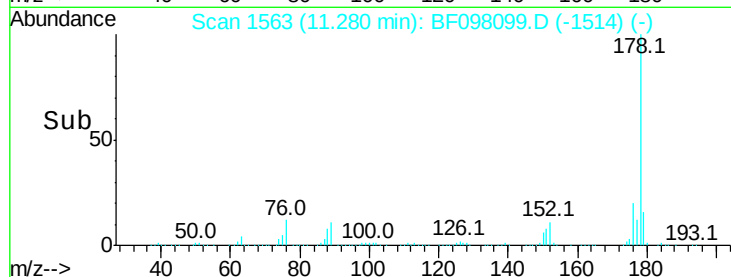
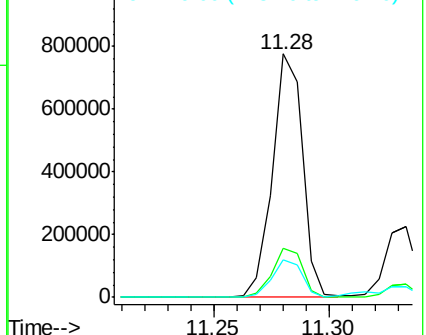
178 100

176 20.2 16.2 24.4

179 15.6 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



#71

Anthracene

Concen: 10.458 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

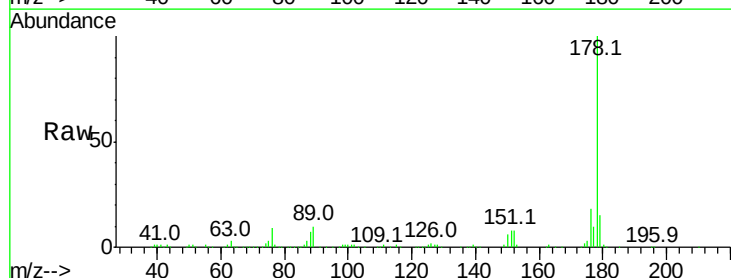
Tgt Ion:178 Resp: 201526

Ion Ratio Lower Upper

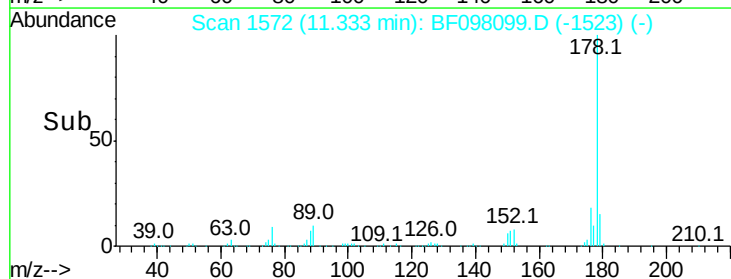
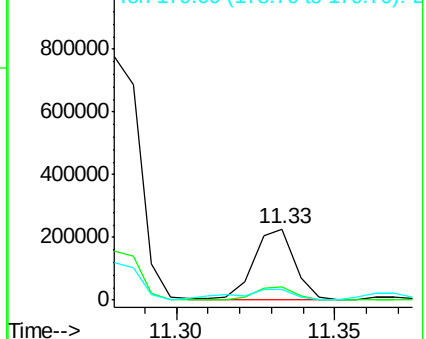
178 100

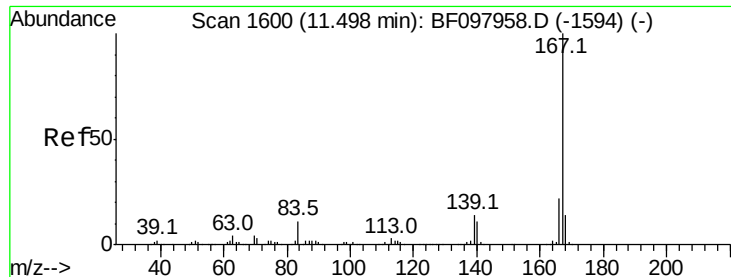
176 18.4 15.8 23.8

179 15.3 12.7 19.1



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





#72

Carbazole

Concen: 4.330 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

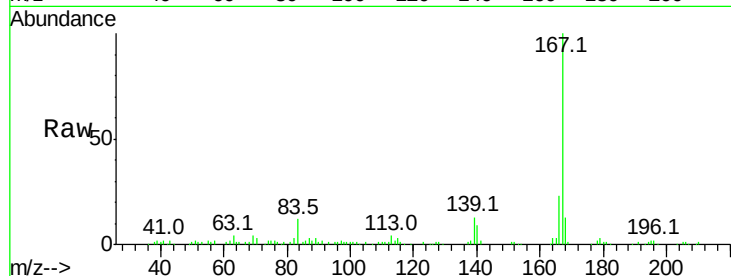
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 79208

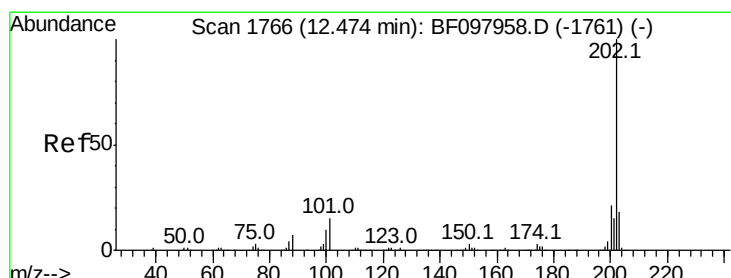
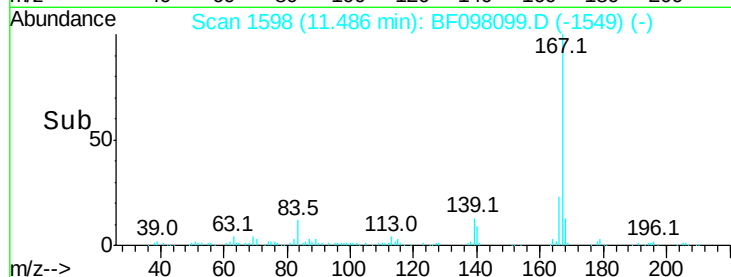
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	13.1	11.7	17.5



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



#74

Fluoranthene

Concen: 33.985 ng

RT: 12.47 min Scan# 1765

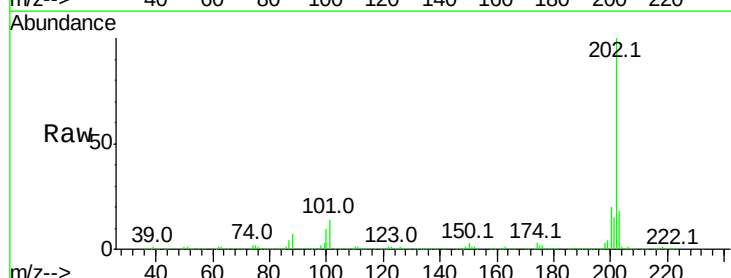
Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Tgt Ion:202 Resp: 673969

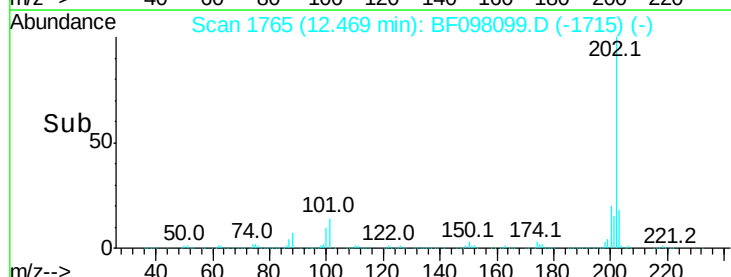
Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1

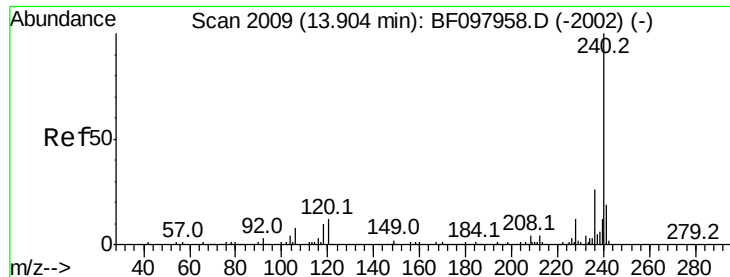


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

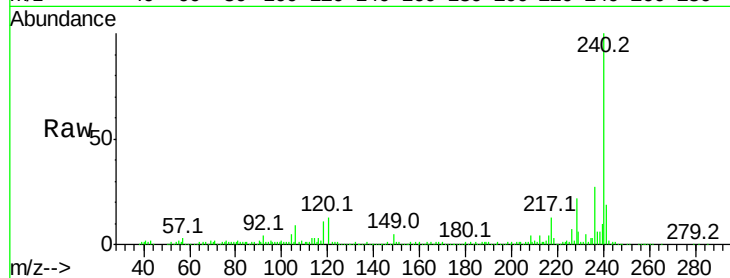
Tot Ion:240 Resp: 257724

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

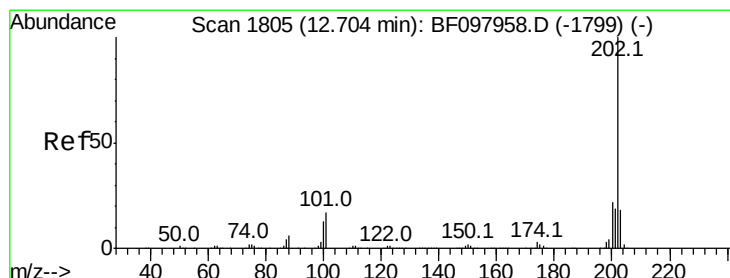
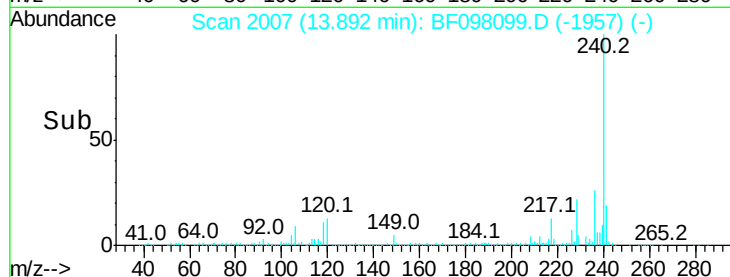
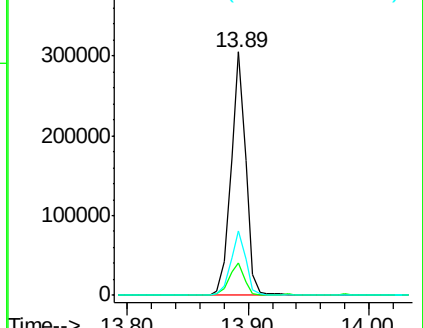
236 26.5 20.5 30.7



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: 30.983 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

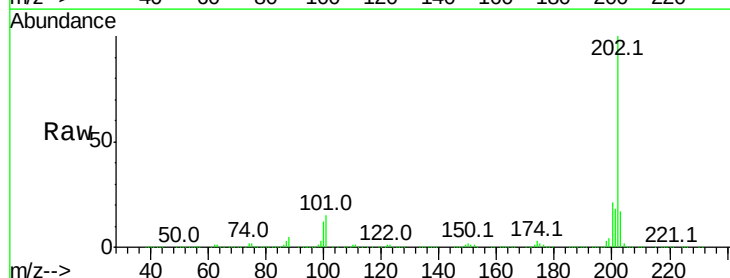
Tgt Ion:202 Resp: 653077

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

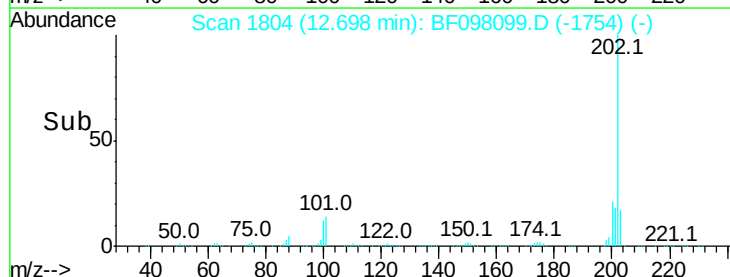
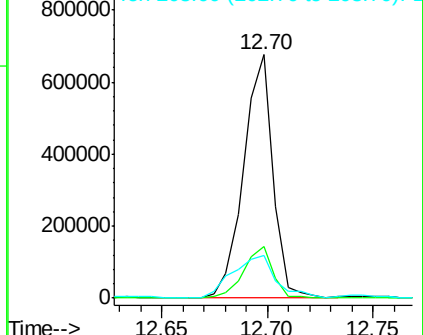
203 17.5 14.4 21.6

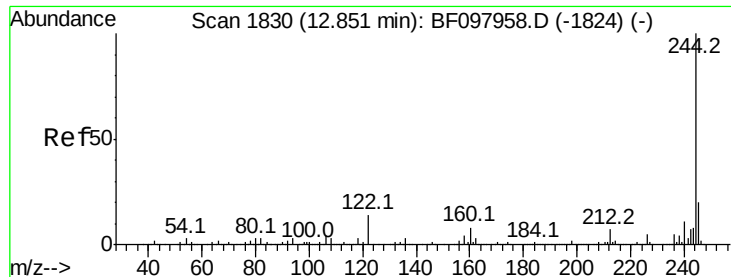


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.122 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampled :

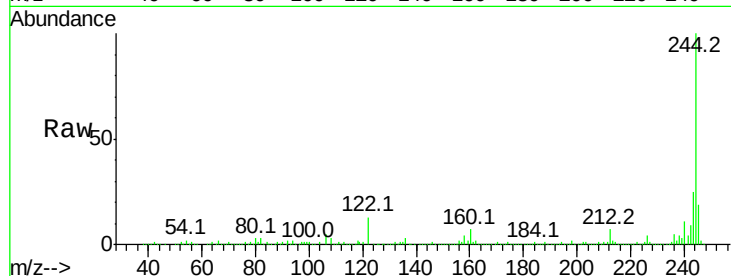
Tot Ion:244 Resp: 841913

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

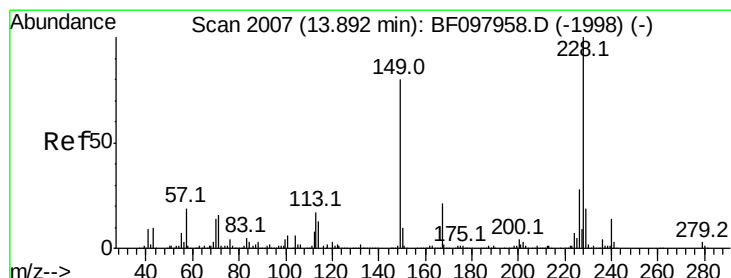
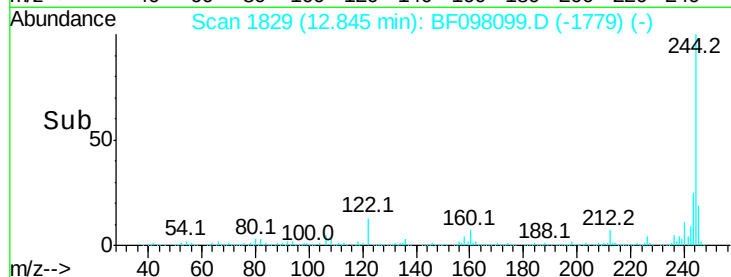
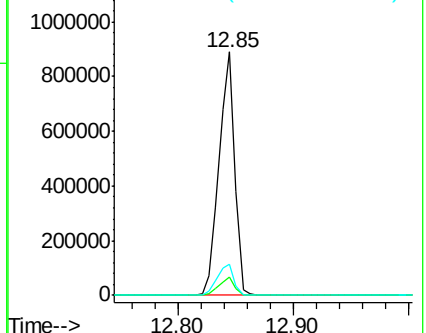
122 12.9 10.3 15.5



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



#80

Benzo(a)anthracene

Concen: 19.386 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

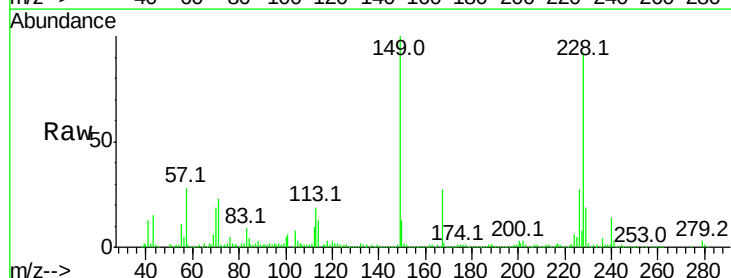
Tgt Ion:228 Resp: 299445

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

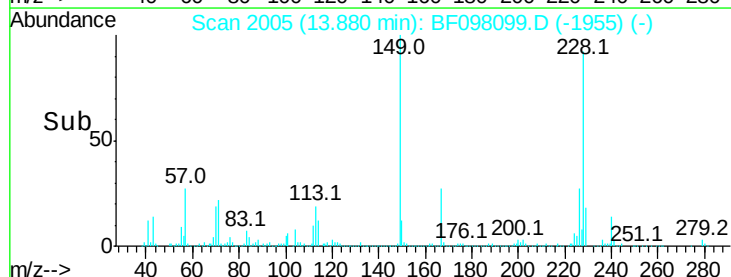
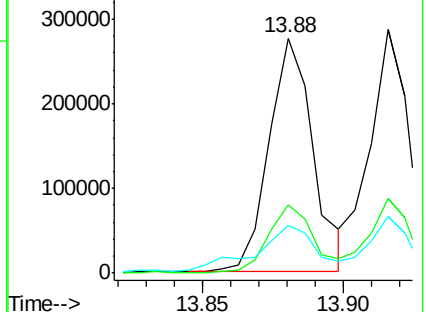
229 20.3 16.3 24.5

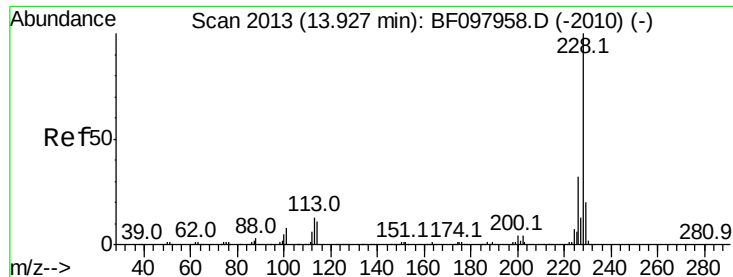


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

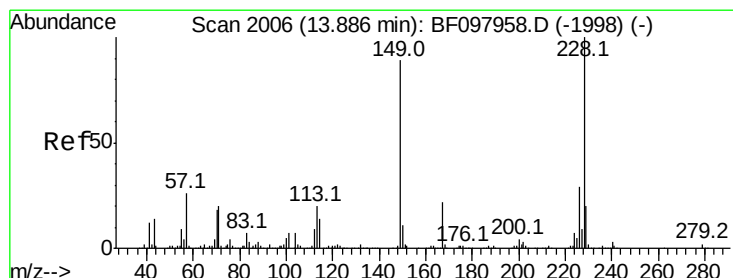
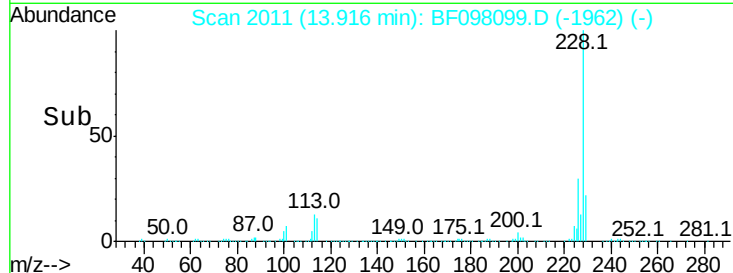
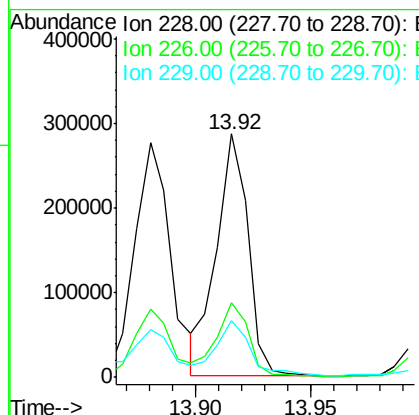
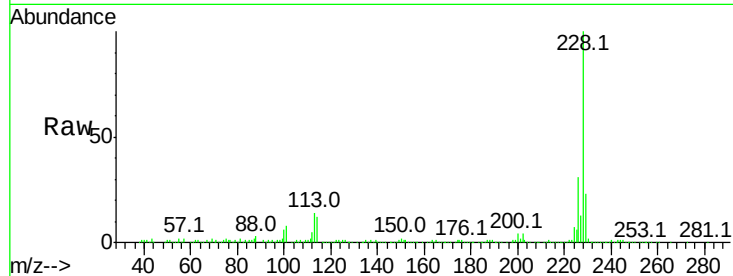




#82
 Chrysene
 Concen: 17.721 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

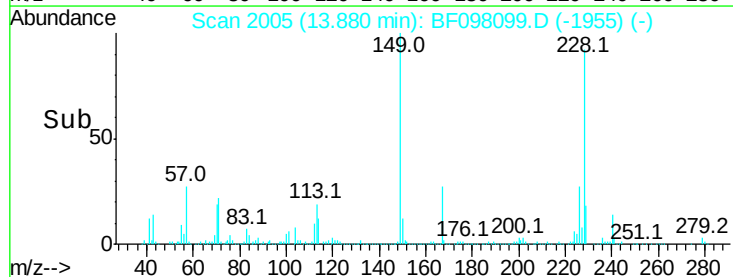
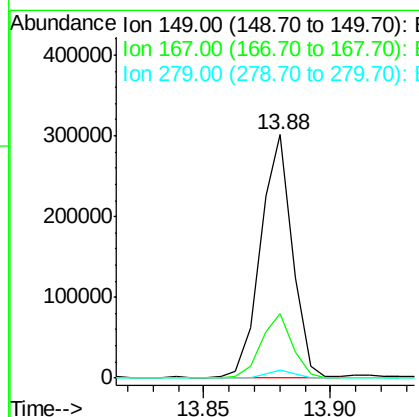
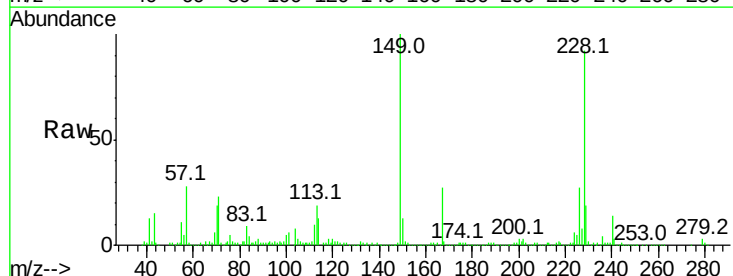
Instrument :
 BNA_F
 ClientSampleId :

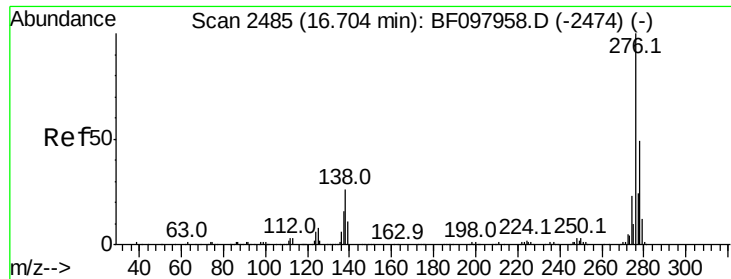
Tot Ion:228 Resp: 272301
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 23.1 15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.926 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Tgt Ion:149 Resp: 259041
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.2 1.9 2.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.981 ng

RT: 16.69 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

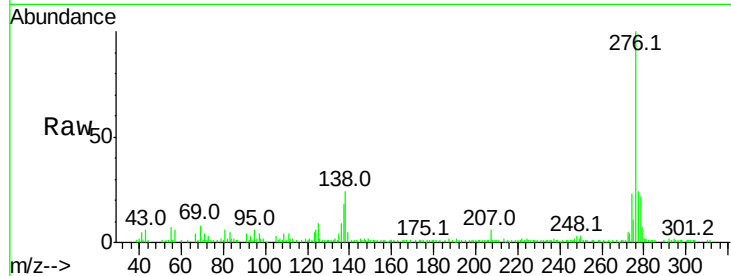
Tot Ion:276 Resp: 124123

Ion Ratio Lower Upper

276 100

138 23.8 27.8 41.6#

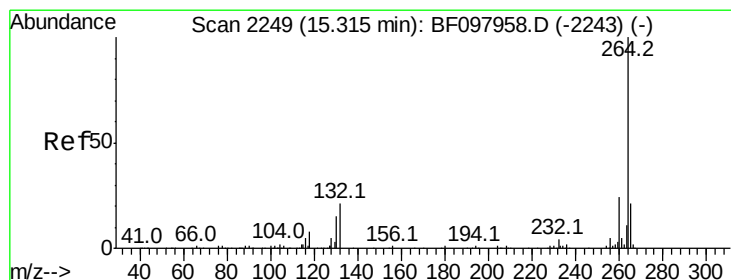
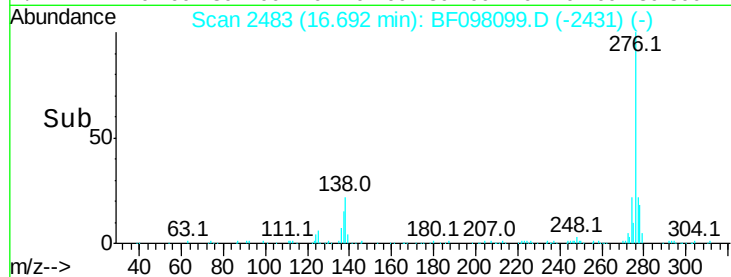
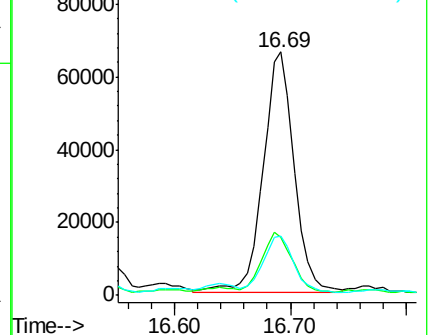
277 23.2 20.2 30.4



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

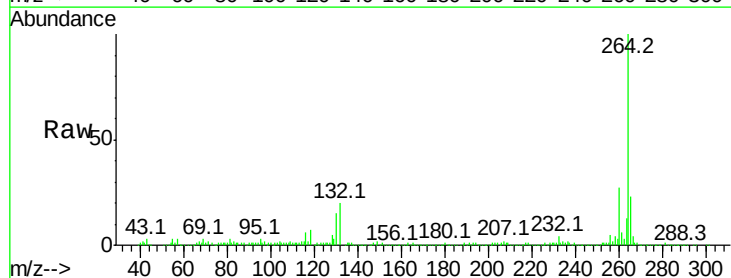
Tgt Ion:264 Resp: 267479

Ion Ratio Lower Upper

264 100

260 26.5 19.5 29.3

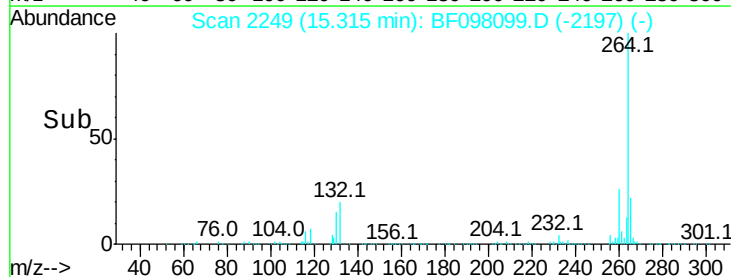
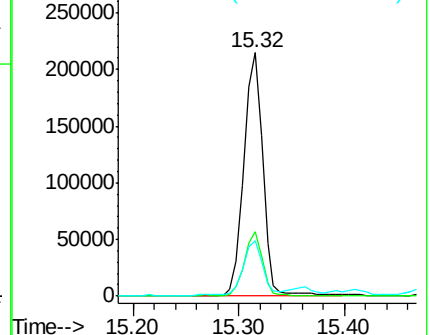
265 22.7 17.2 25.8

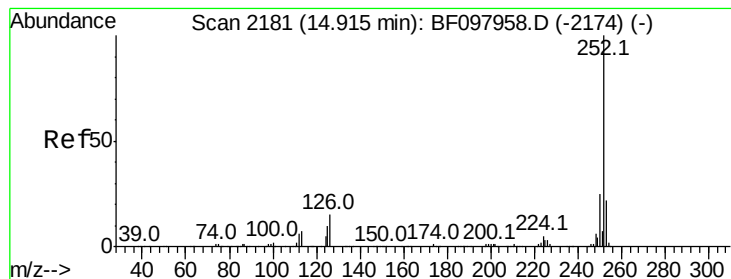


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 25.467 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampleId :

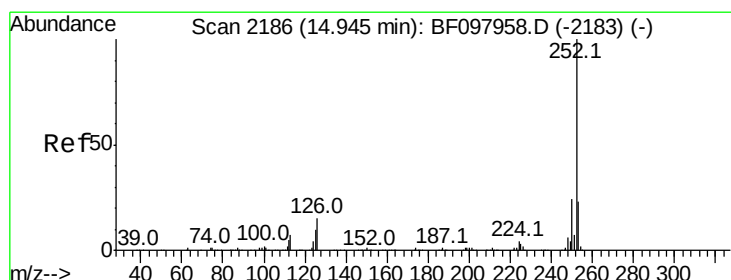
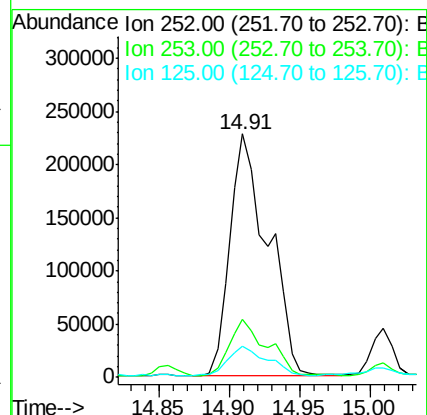
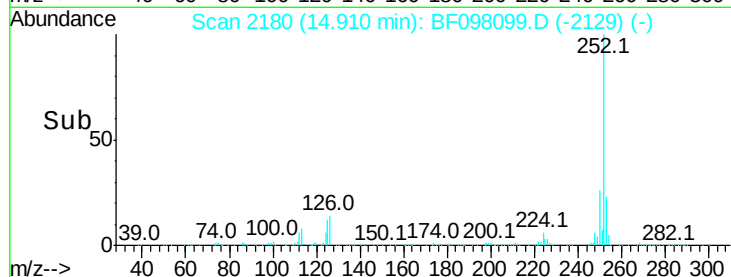
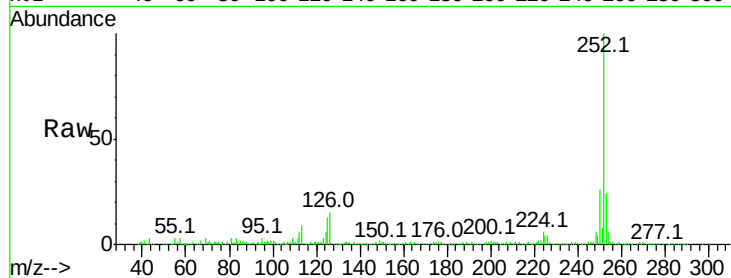
Tot Ion:252 Resp: 429377

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

125 12.6 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 9.922 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.26 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

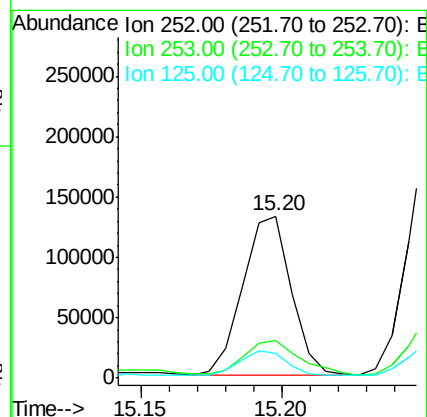
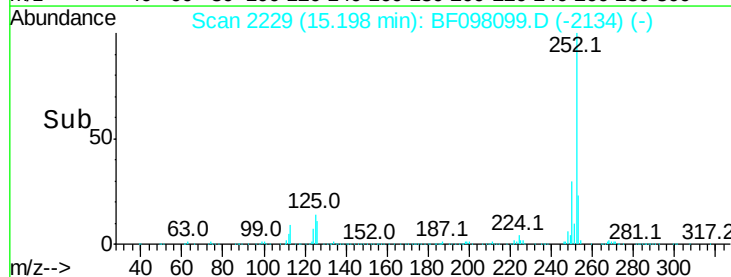
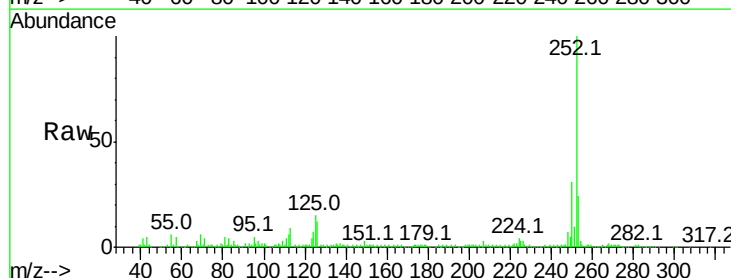
Tgt Ion:252 Resp: 157169

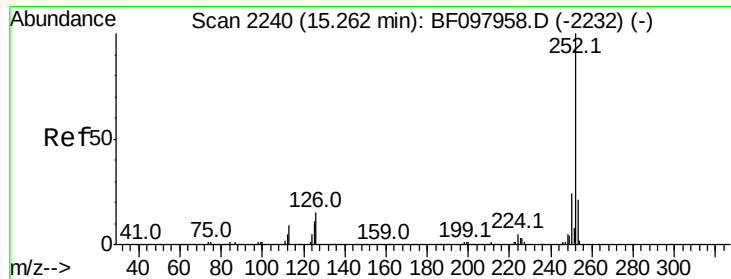
Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 15.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 10.759 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.06 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

Instrument :

BNA_F

ClientSampled :

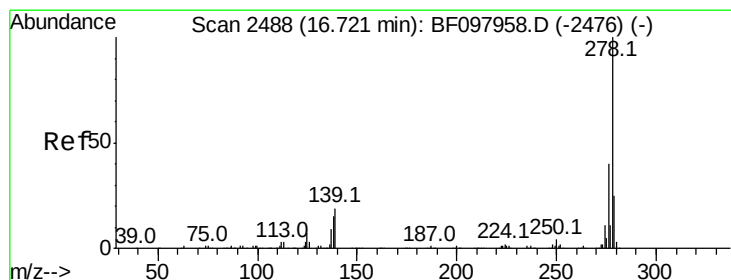
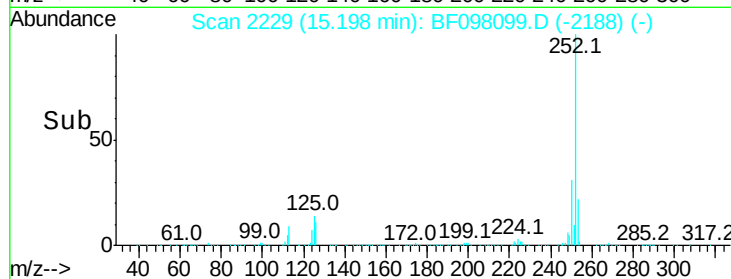
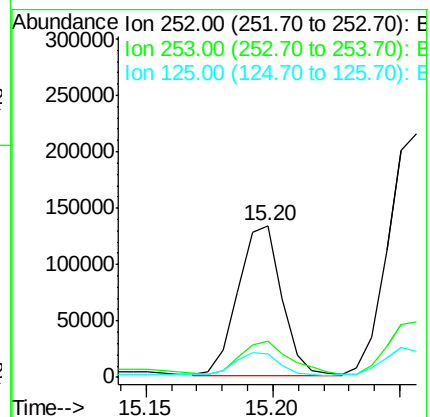
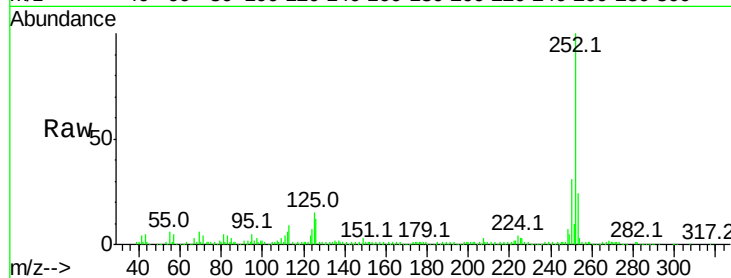
Tot Ion:252 Resp: 160593

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 15.2 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 2.281 ng

RT: 16.86 min Scan# 2511

Delta R.T. 0.15 min

Lab File: BF098099.D

Acq: 29 Aug 2017 7:02

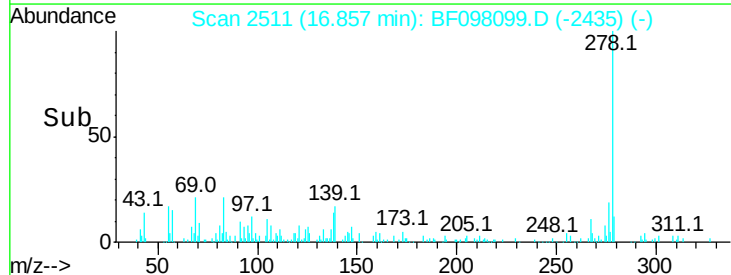
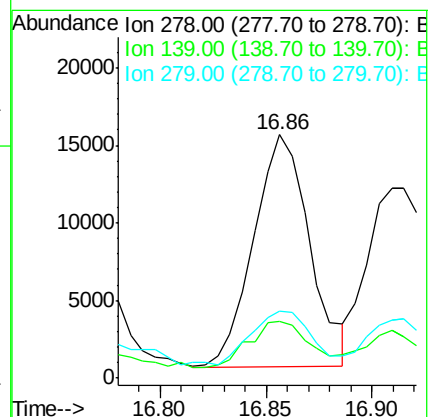
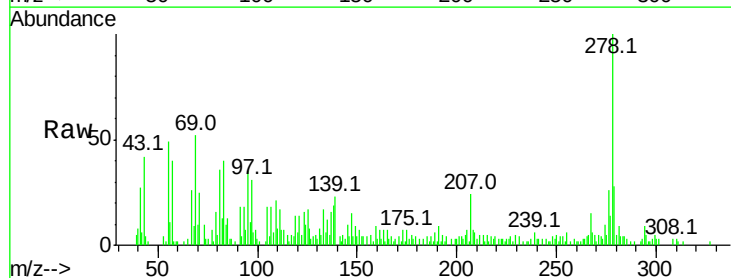
Tgt Ion:278 Resp: 27717

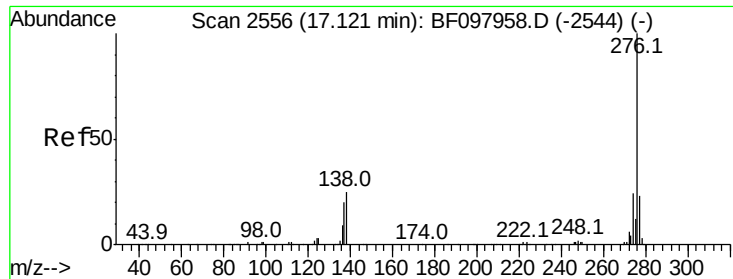
Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

279 27.8 19.3 28.9

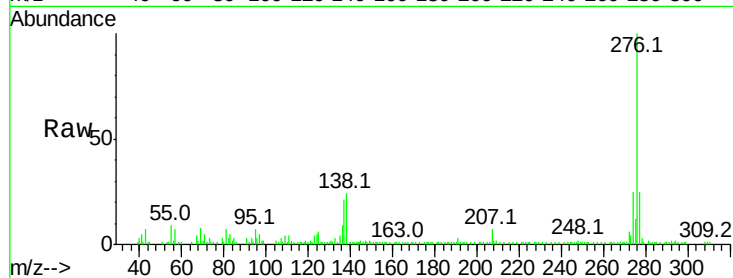




#91
 Benzo(a,h,i)perylene
 Concen: 8.884 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BF098099.D
 Acq: 29 Aug 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	24.5	25.4	38.0



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

