

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099410.D
 Acq On : 12 Oct 2017 22:24
 Operator : SJ/JU
 Sample : I5729-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:55:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117034	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	458258	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	178616	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	258434	20.00	ng	0.00
75) Chrysene-d12	14.02	240	209937	20.00	ng	0.00
86) Perylene-d12	15.49	264	168532	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	766897	104.31	ng	0.01
7) Phenol-d6	6.49	99	930965	102.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	555555	77.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	139278	95.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	960025	89.73	ng	0.00
78) Terphenyl-d14	12.96	244	624945	67.70	ng	0.00

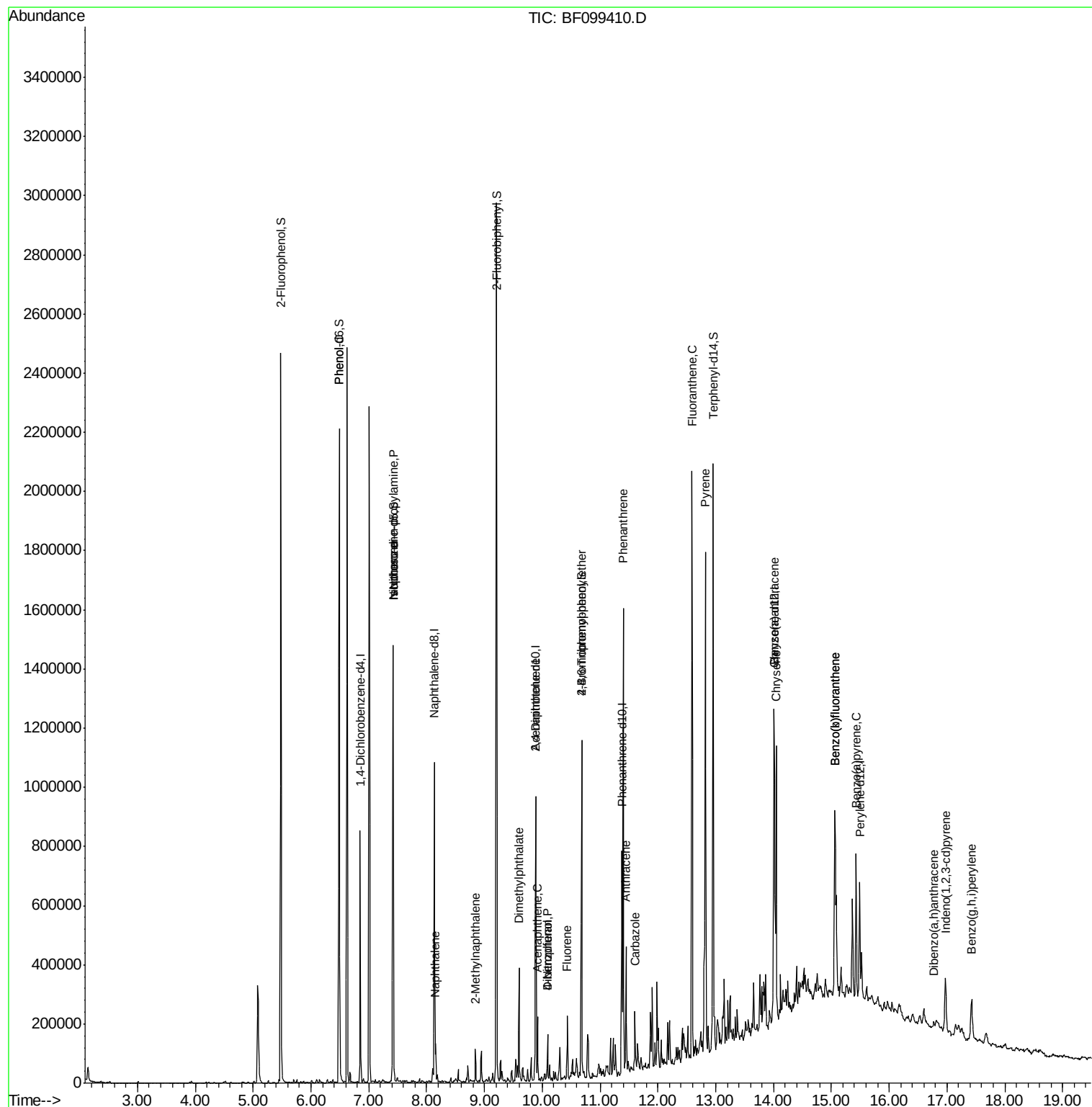
Target Compounds						Qvalue
10) Phenol	6.50	94	22393	2.21	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	72136	12.46	ng	# 74
25) Isophorone	7.42	82	555548	37.60	ng	# 64
31) Naphthalene	8.16	128	58895	2.74	ng	99
37) 2-Methylnaphthalene	8.85	142	28788	2.06	ng	96
49) Dimethylphthalate	9.60	163	128044	9.50	ng	100
51) Acenaphthene	9.92	154	46484	4.16	ng	94
54) Dibenzofuran	10.09	168	51151	3.44	ng	99
55) 4-Nitrophenol	10.09	139	19281	6.66	ng	# 11
56) 2,4-Dinitrotoluene	9.89	165	24575	6.45	ng	# 21
57) Fluorene	10.43	166	51616	4.32	ng	97
66) 4-Bromophenyl-phenylether	10.68	248	9811	3.88	ng	# 1
70) Phenanthrene	11.40	178	614582	44.43	ng	99
71) Anthracene	11.45	178	152558	10.78	ng	98
72) Carbazole	11.60	167	77340	5.58	ng	98
74) Fluoranthene	12.59	202	749427	53.50	ng	99
77) Pyrene	12.82	202	655951	40.98	ng	99
80) Benzo(a)anthracene	14.01	228	339705	26.72	ng	99
82) Chrysene	14.04	228	334487	27.64	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	112500	11.62	ng	98
87) Benzo(b)fluoranthene	15.06	252	460873	44.48	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	460873	45.03	ng	97
89) Benzo(a)pyrene	15.43	252	214725	22.58	ng	# 94
90) Dibenzo(a,h)anthracene	16.77	278	18617	2.45	ng	93
91) Benzo(g,h,i)perylene	17.43	276	108303	14.39	ng	# 91

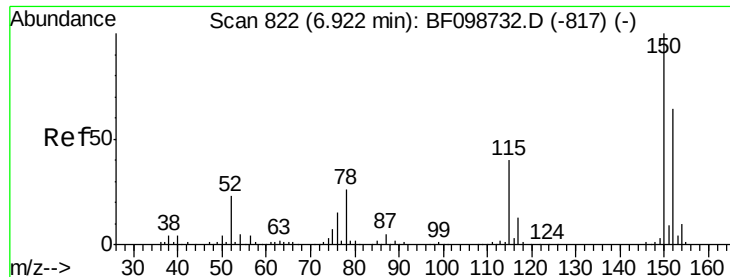
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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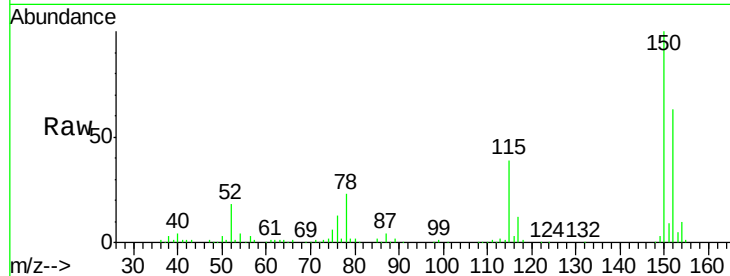


#1

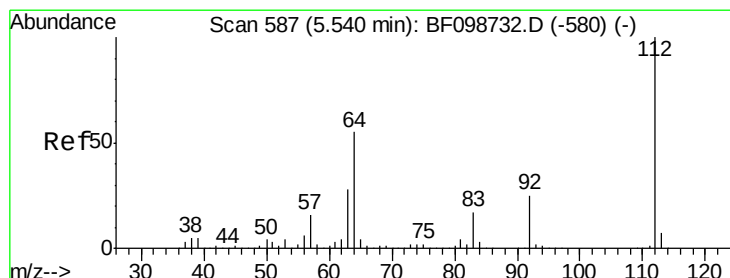
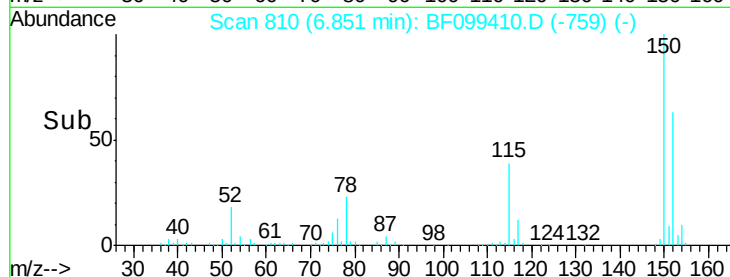
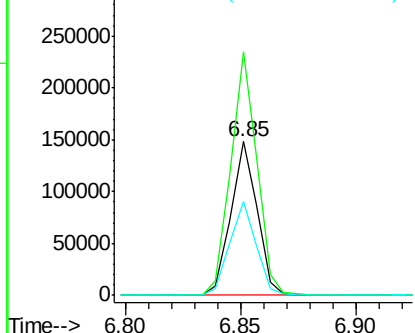
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117034
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.4 50.1 75.1



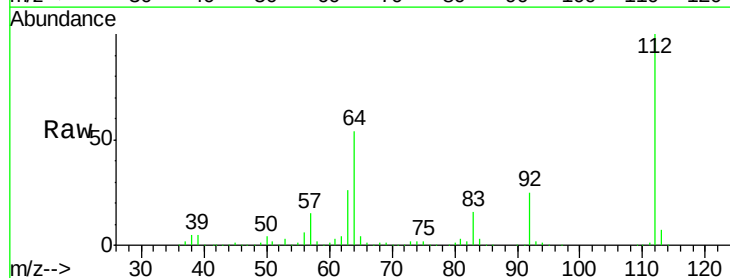
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



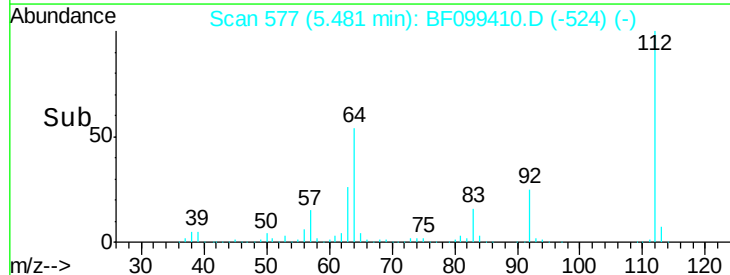
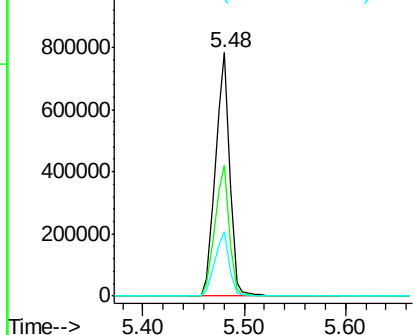
#5

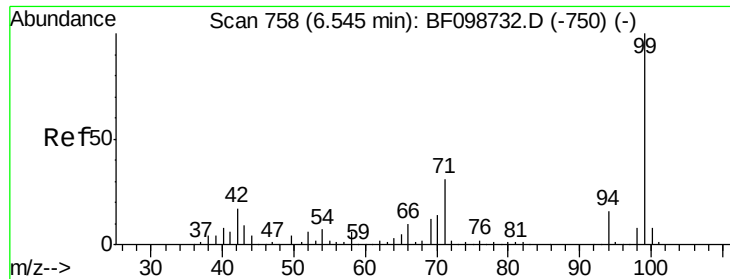
2-Fluorophenol
Concen: 104.31 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion:112 Resp: 766897
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 26.3 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: 102.65 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

Instrument :

BNA_F

ClientSampled :

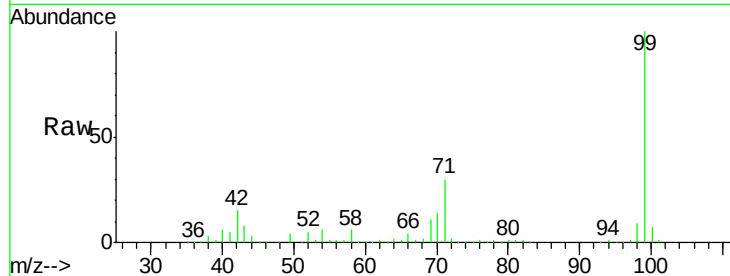
Tot Ion: 99 Resp: 930965

Ion Ratio Lower Upper

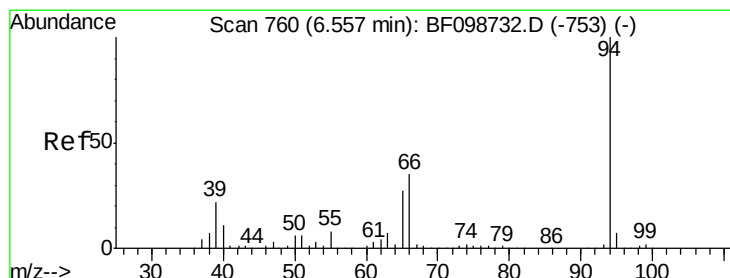
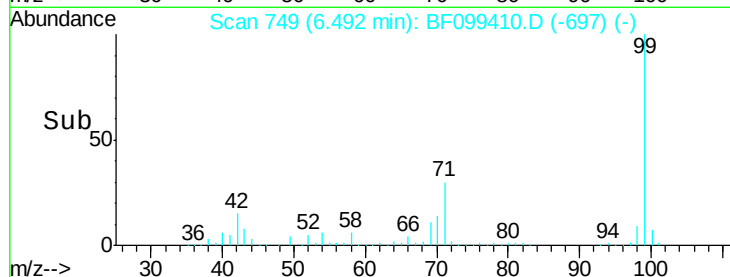
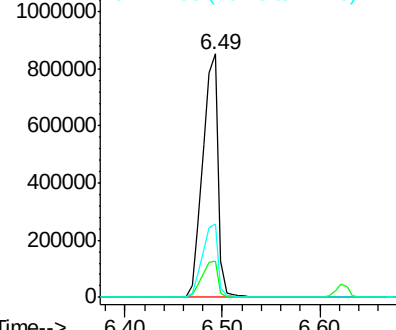
99 100

42 14.6 14.5 21.7

71 30.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.21 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

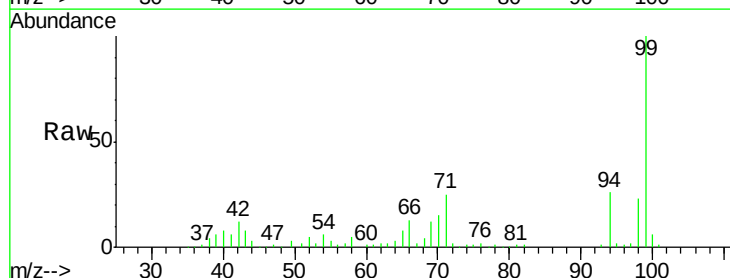
Tgt Ion: 94 Resp: 22393

Ion Ratio Lower Upper

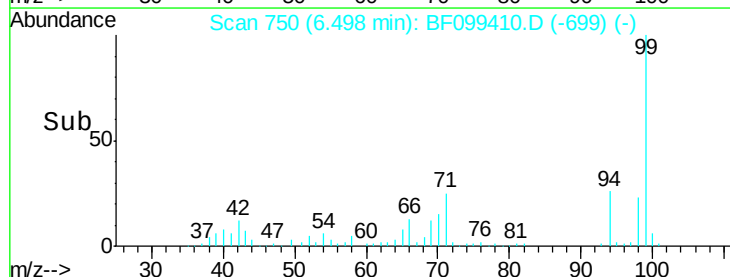
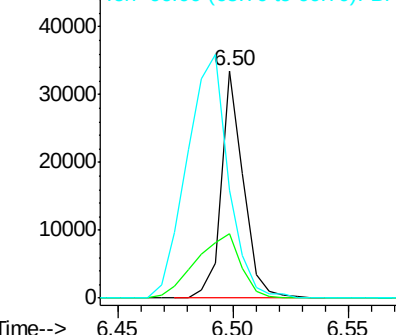
94 100

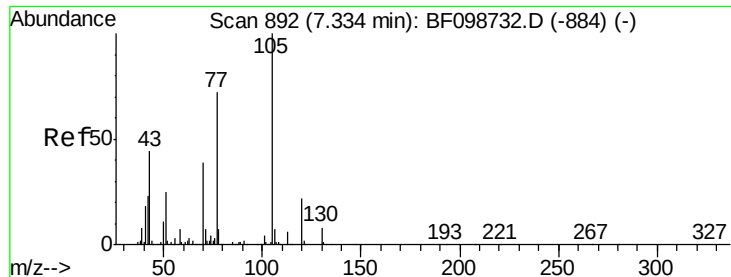
65 28.4 7.9 47.9

66 47.6 16.2 56.2



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

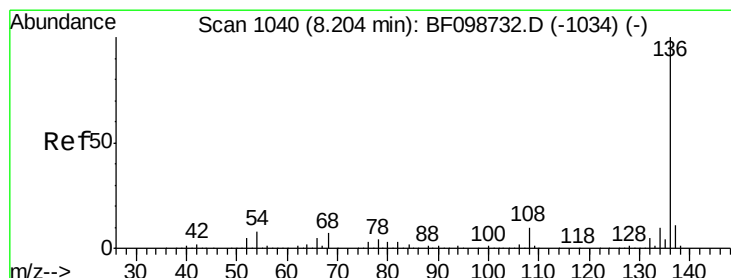
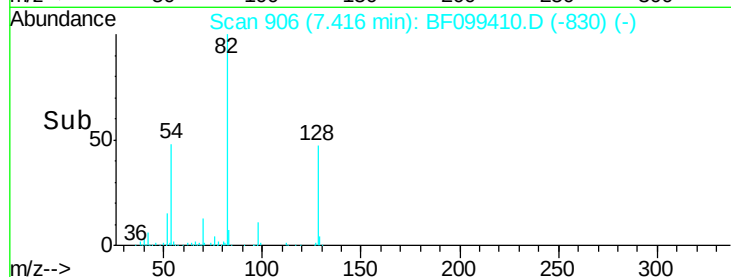
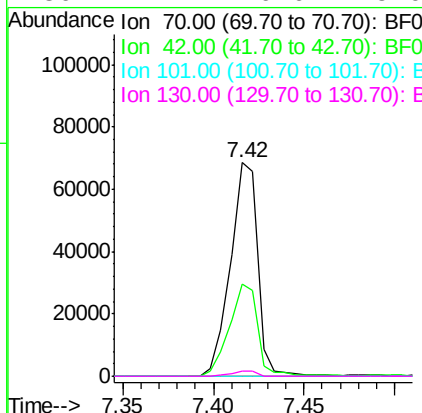
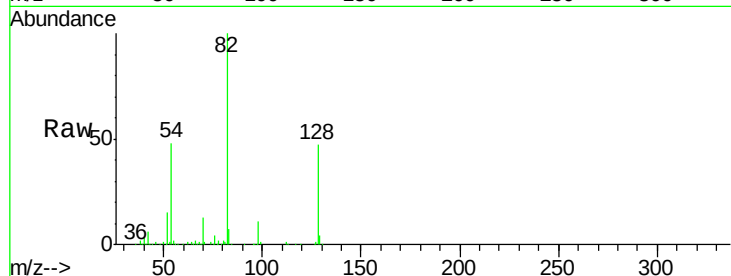




#19
n-Nitroso-di-n-propylamine
Concen: 12.46 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

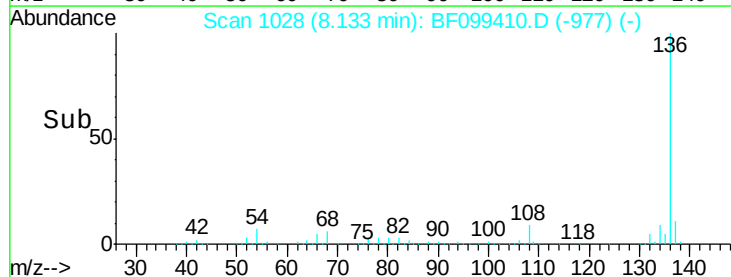
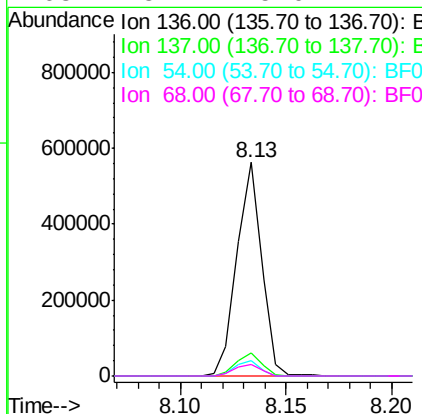
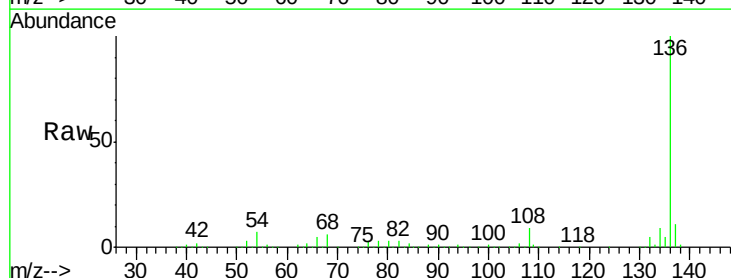
Instrument :
BNA_F
ClientSampleId :

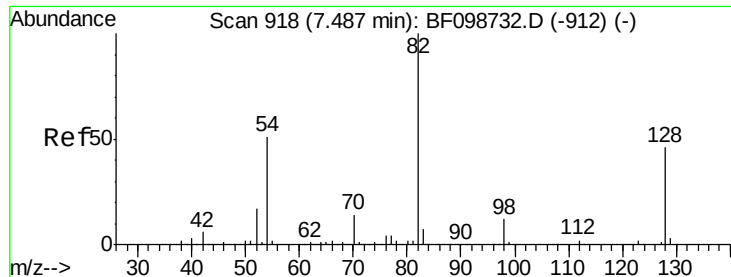
Tot Ion: 70 Resp: 72136
Ion Ratio Lower Upper
70 100
42 43.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion: 136 Resp: 458258
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.0 6.6 9.8
68 5.7 5.0 7.4

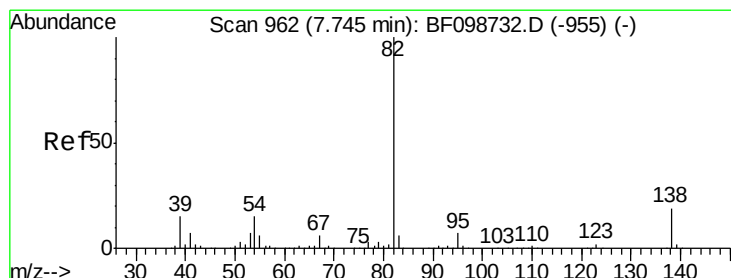
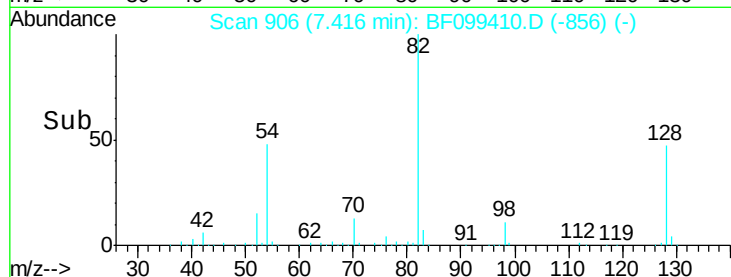
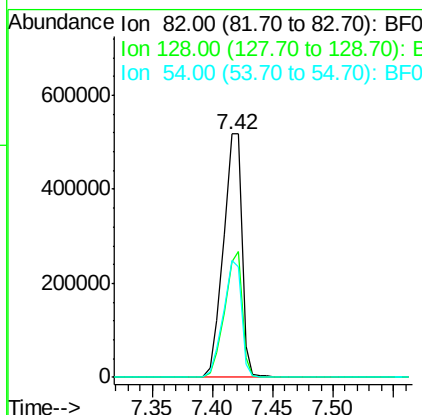
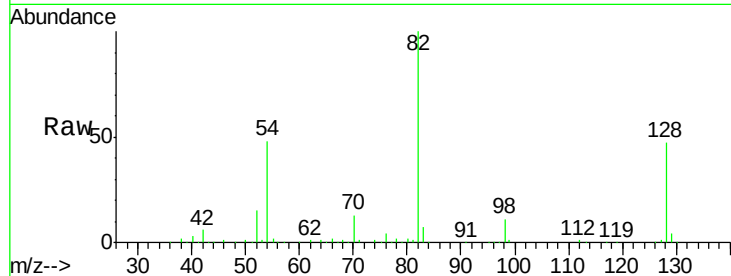




#23
 Nitrobenzene-d5
 Concen: 77.75 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

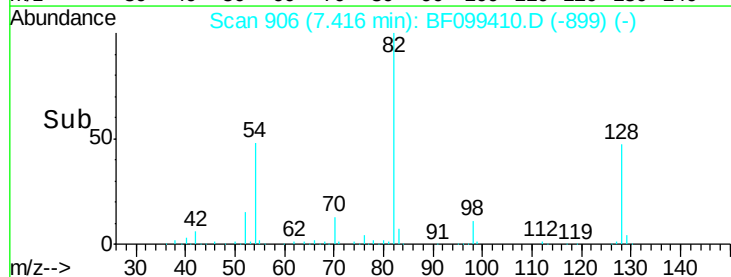
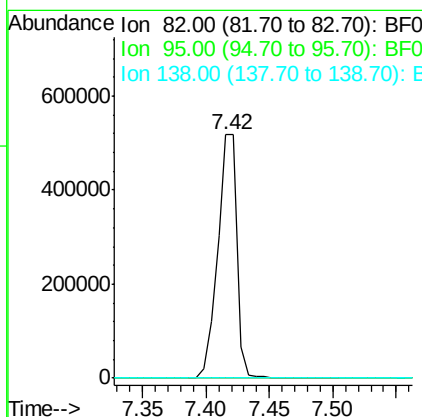
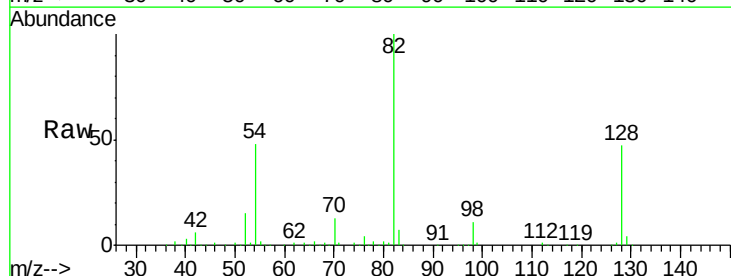
Instrument :
 BNA_F
 ClientSampleId :

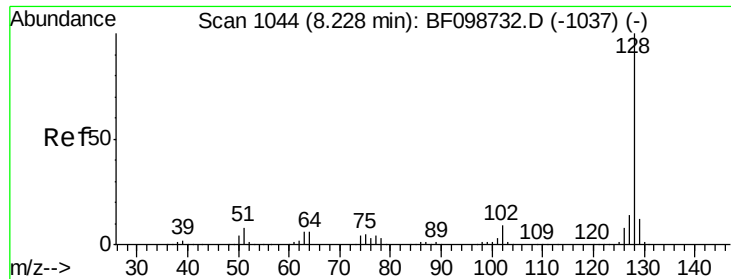
Tot Ion	82	Resp	555555
Ion Ratio	100	Lower	Upper
128	47.4	36.1	54.1
54	48.1	41.4	62.2



#25
 Isophorone
 Concen: 37.60 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Tgt Ion	82	Resp	555548
Ion Ratio	100	Lower	Upper
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

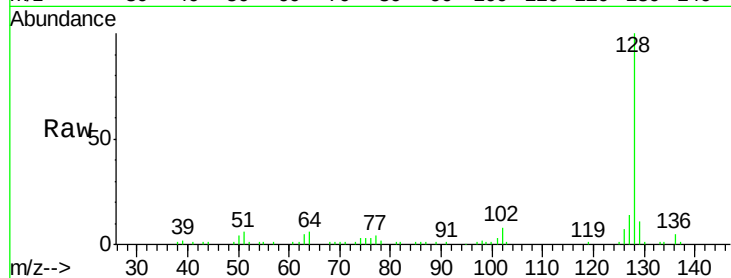




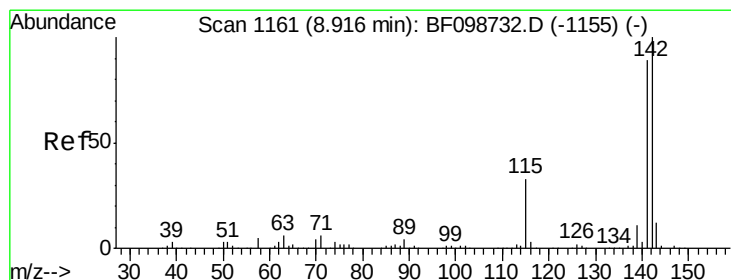
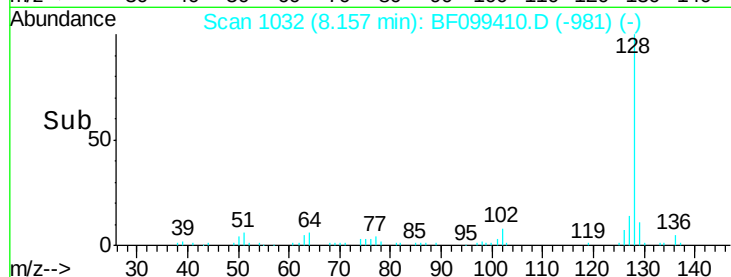
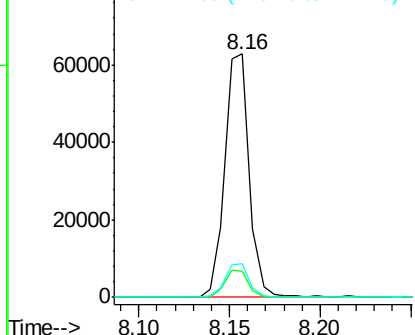
#31
Naphthalene
Concen: 2.74 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 58895
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.9 10.9 16.3

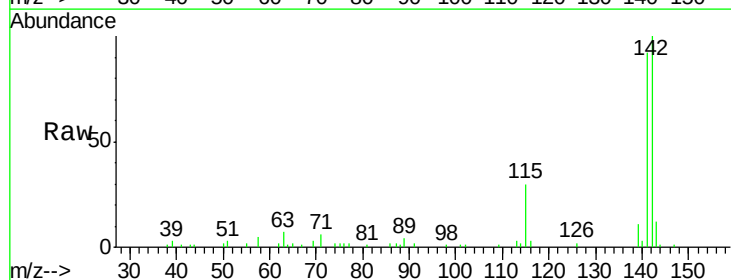


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

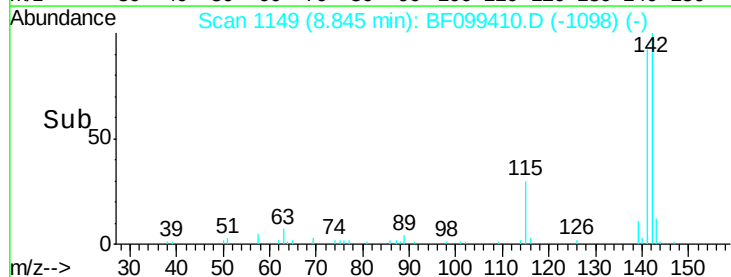
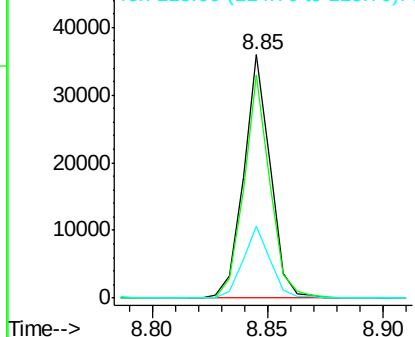


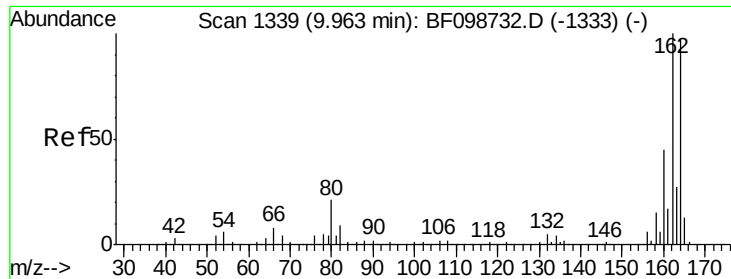
#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion:142 Resp: 28788
Ion Ratio Lower Upper
142 100
141 91.8 70.8 106.2
115 29.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

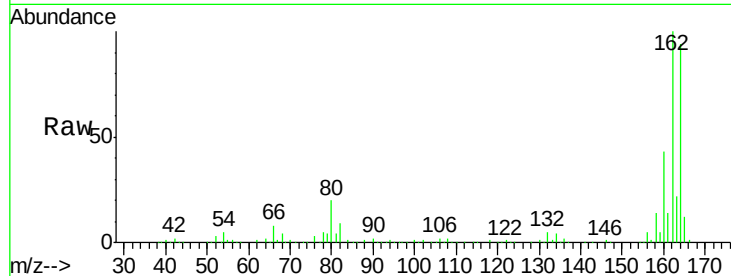




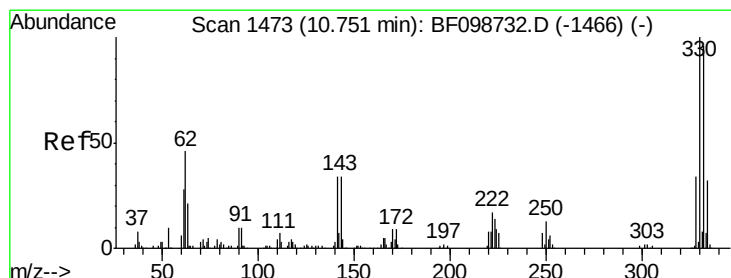
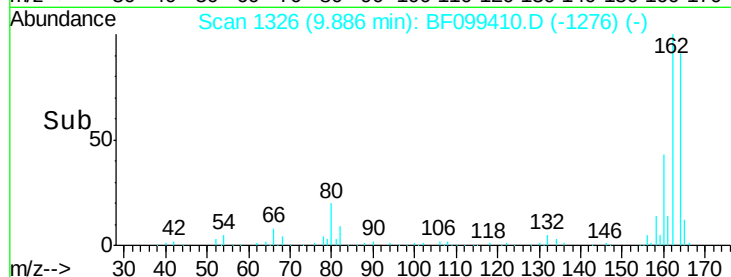
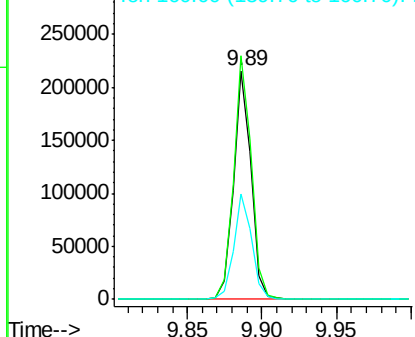
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 178616
Ion Ratio Lower Upper
164 100
162 106.5 86.1 129.1
160 45.9 38.3 57.5

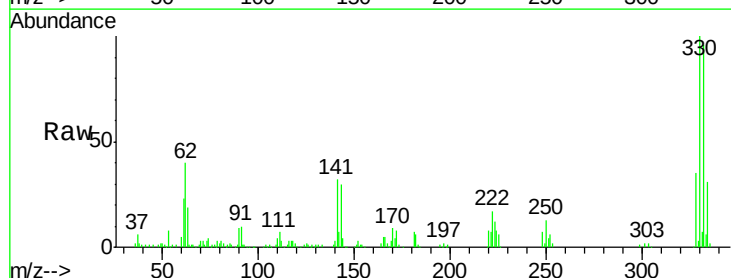


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

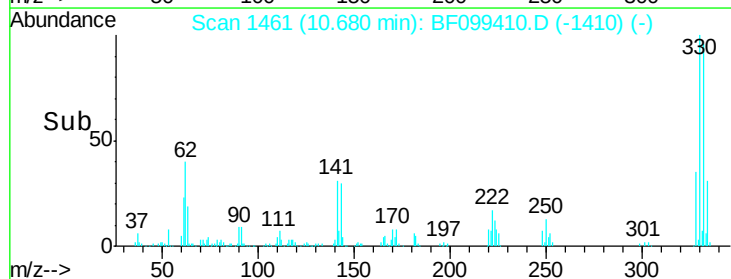
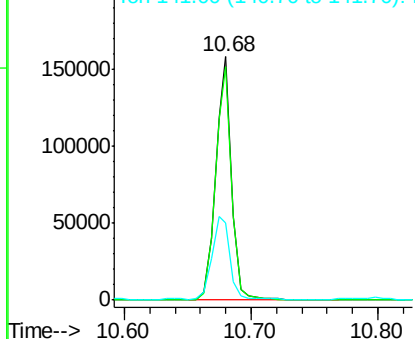


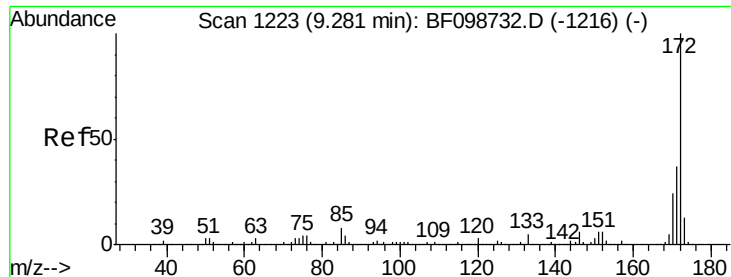
#41
2,4,6-Tribromophenol
Concen: 95.29 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion:330 Resp: 139278
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 40.0 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

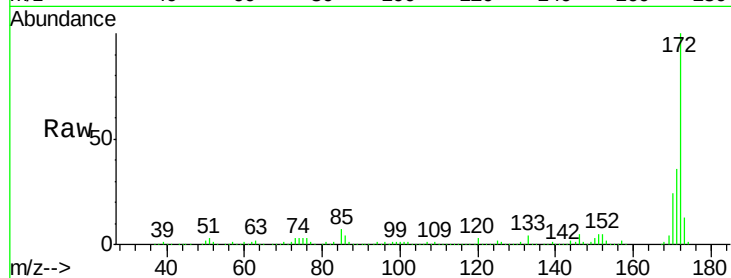




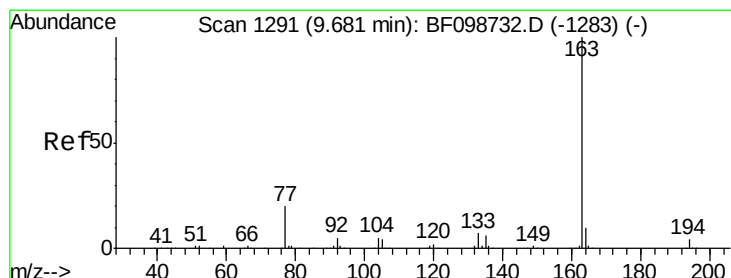
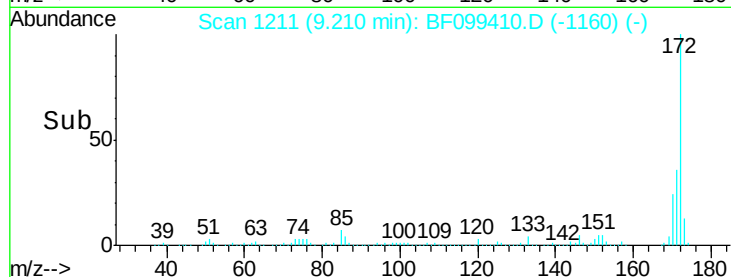
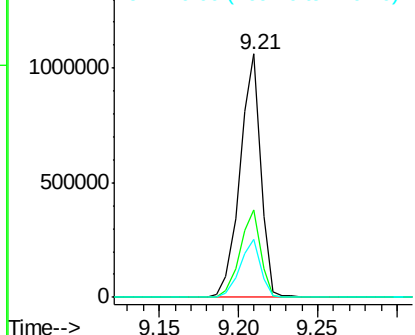
#44
2-Fluorobiphenyl
Concen: 89.73 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

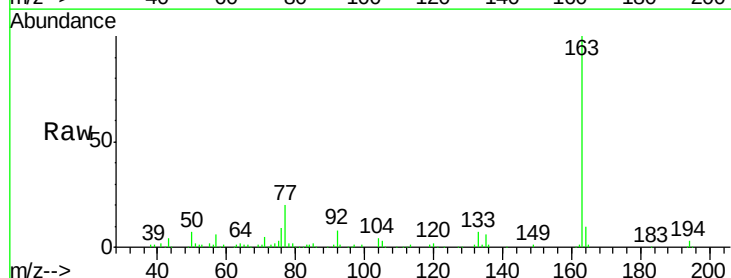


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

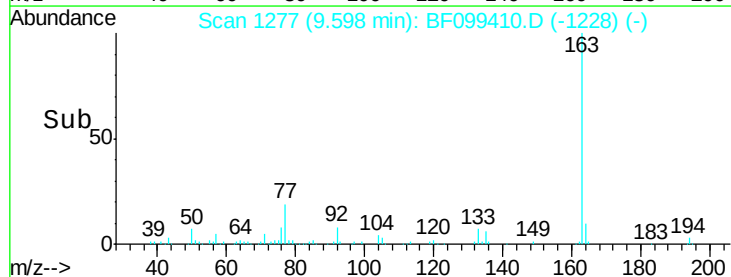
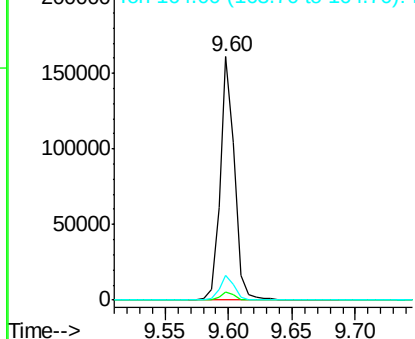


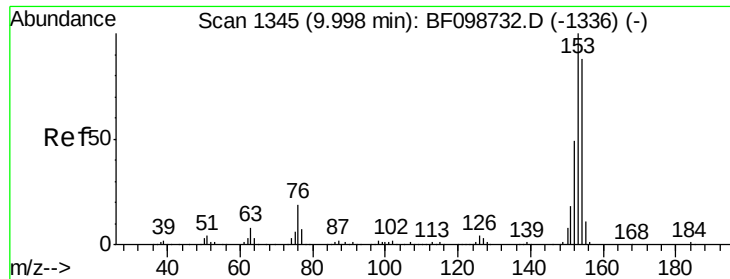
#49
Dimethylphthalate
Concen: 9.50 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.1	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





#51

Acenaphthene

Concen: 4.16 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

Instrument :

BNA_F

ClientSampleId :

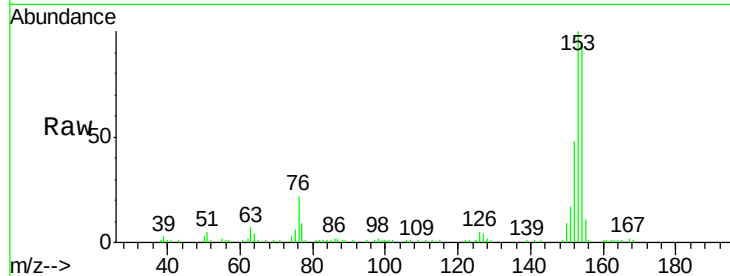
Tot Ion:154 Resp: 46484

Ion Ratio Lower Upper

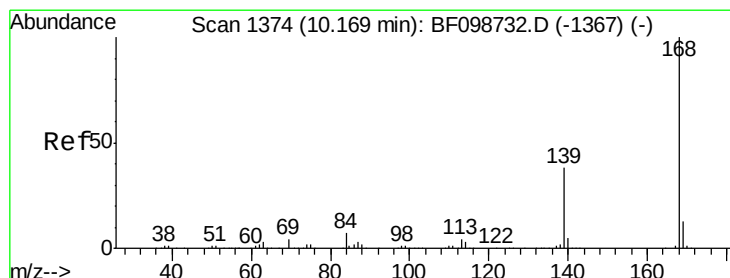
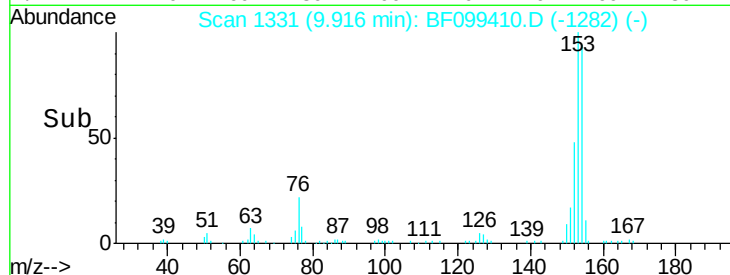
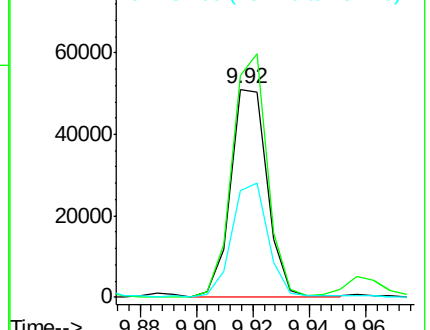
154 100

153 106.7 91.2 136.8

152 51.5 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: 3.44 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

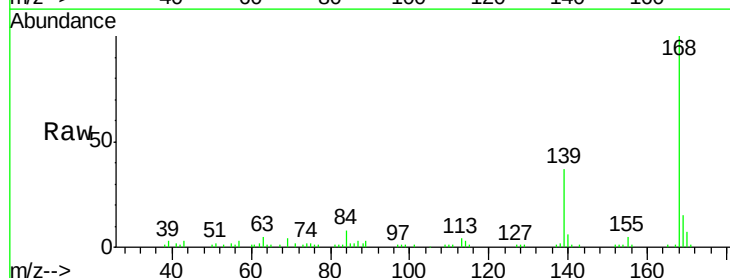
Tgt Ion:168 Resp: 51151

Ion Ratio Lower Upper

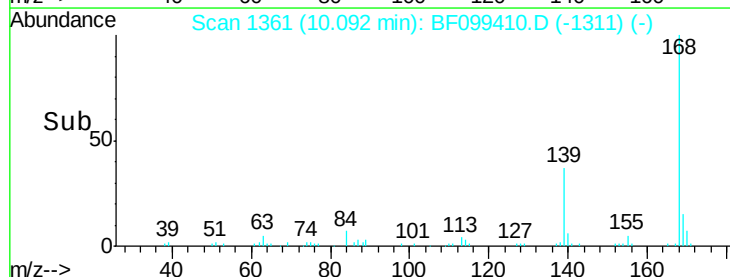
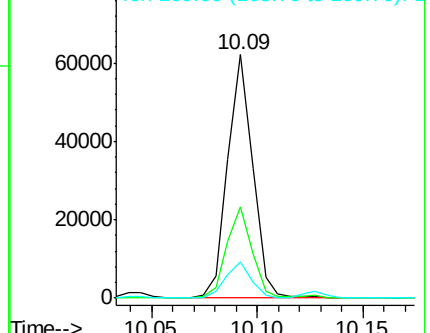
168 100

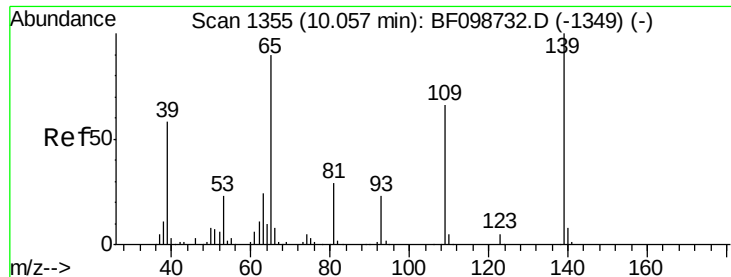
139 37.4 30.1 45.1

169 14.7 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

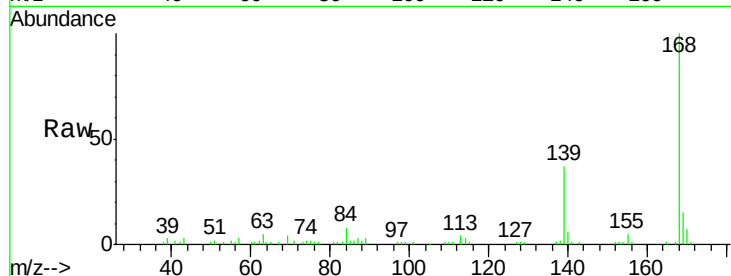




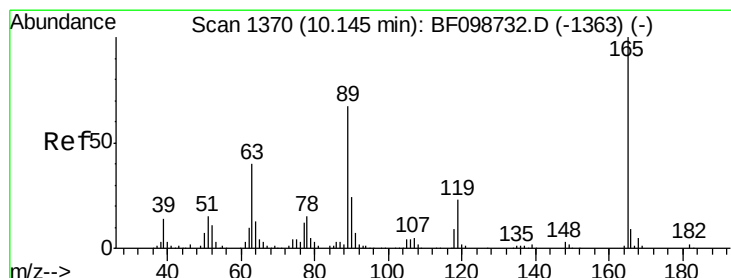
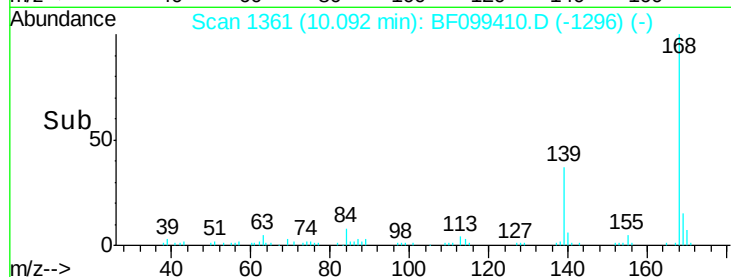
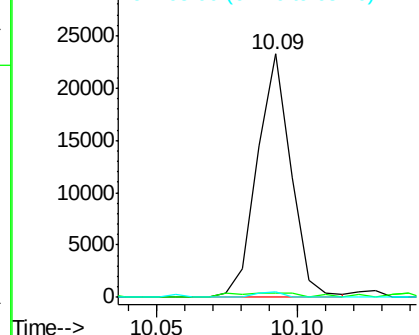
#55
4-Nitrophenol
Concen: 6.66 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.7	48.4	88.4#
65	2.1	72.6	112.6#



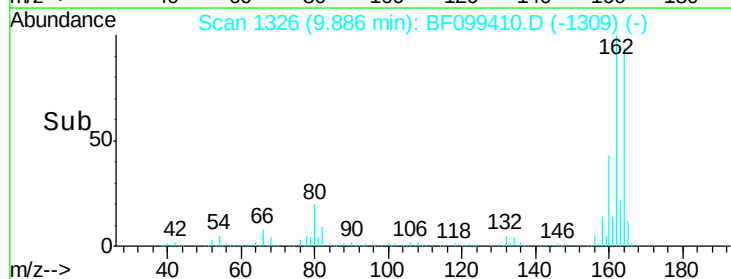
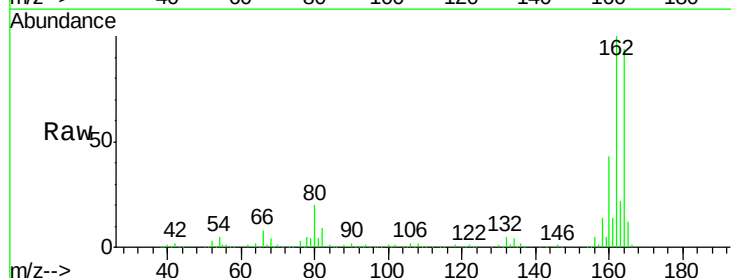
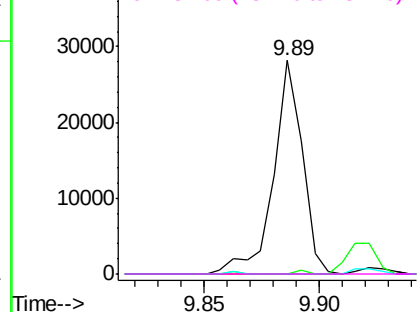
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

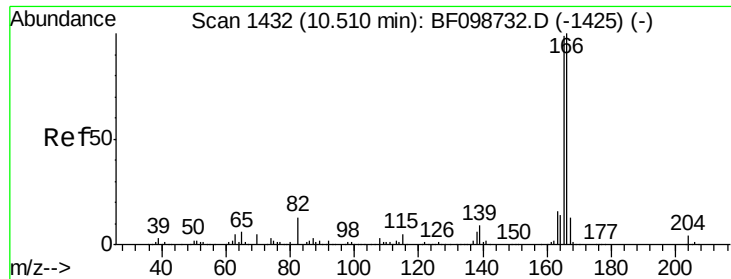


#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

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

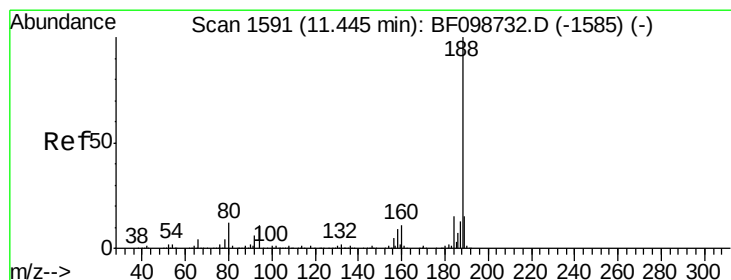
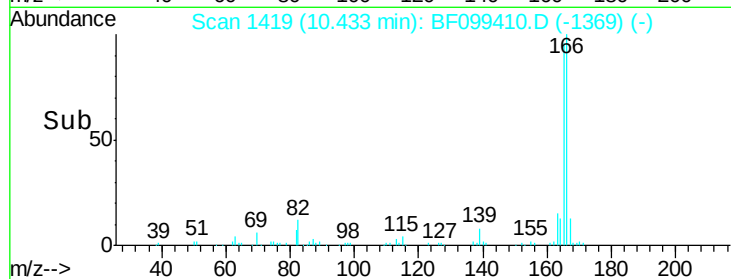
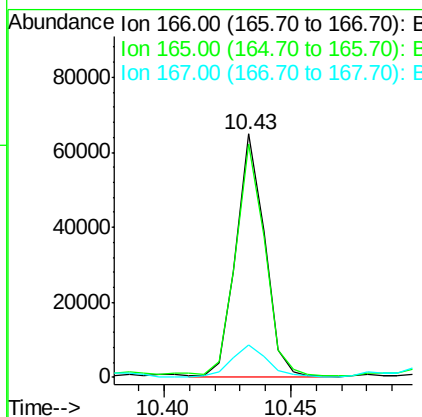
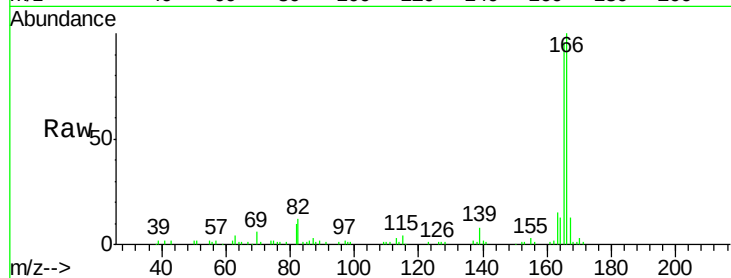




#57
 Fluorene
 Concen: 4.32 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

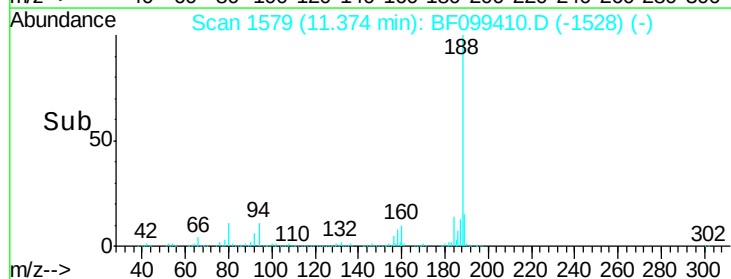
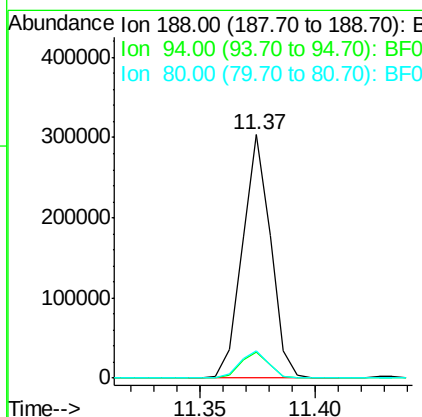
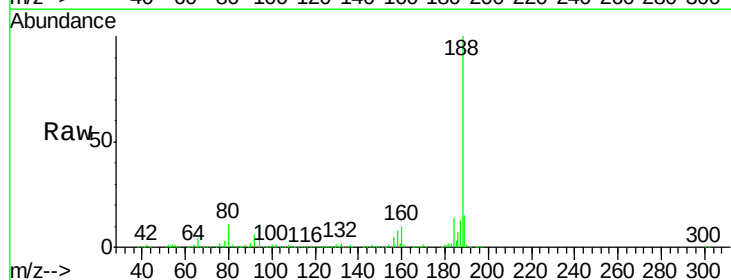
Instrument :
 BNA_F
 ClientSampleId :

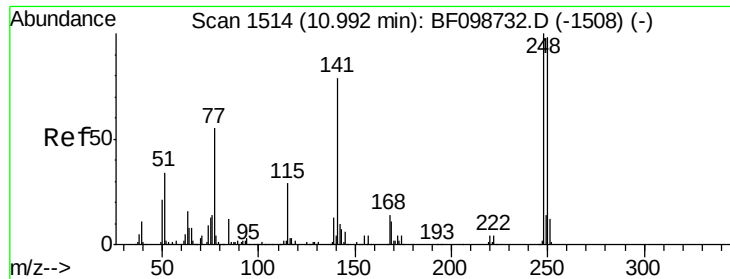
Tot Ion:166 Resp: 51616
 Ion Ratio Lower Upper
 166 100
 165 96.1 79.8 119.8
 167 13.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Tgt Ion:188 Resp: 258434
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 9.2 13.8

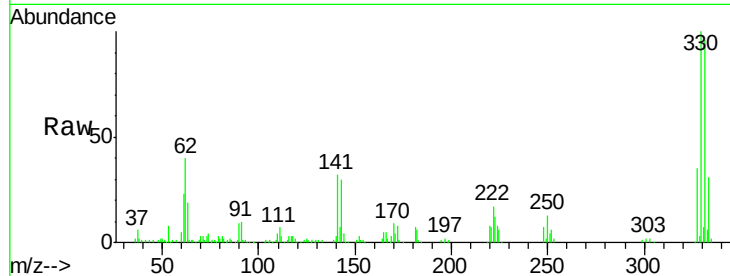




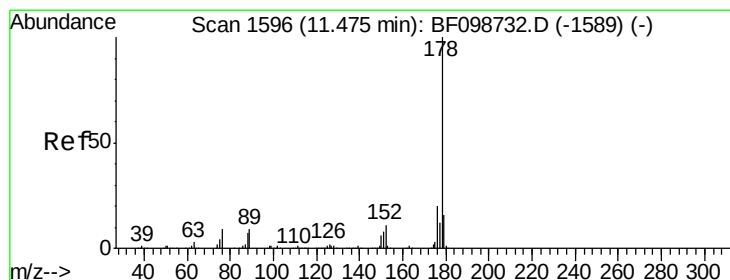
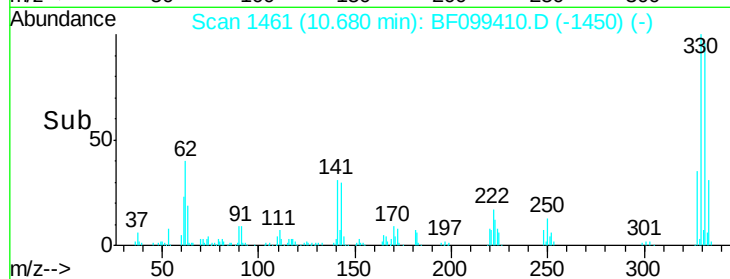
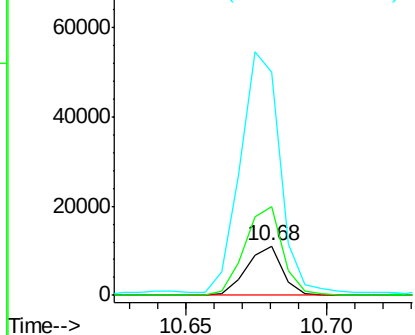
#66
 4-Bromophenyl-phenylether
 Concen: 3.88 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9811
 Ion Ratio Lower Upper
 248 100
 250 179.7 76.9 115.3#
 141 450.3 74.4 111.6#

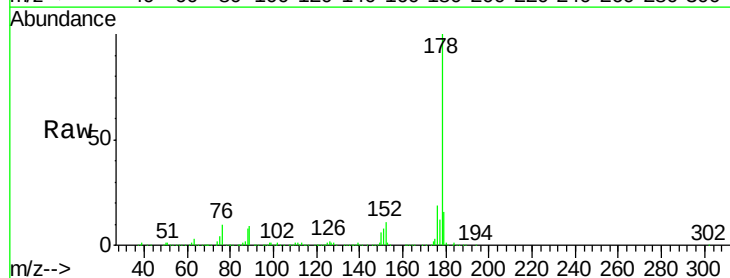


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

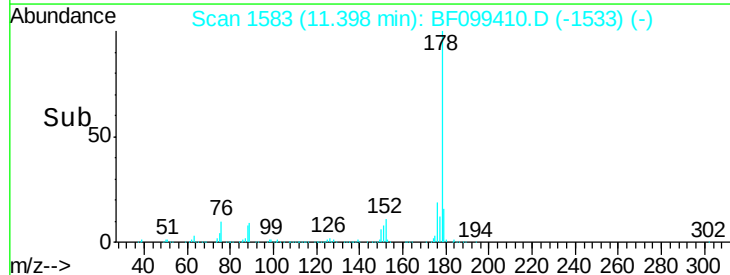
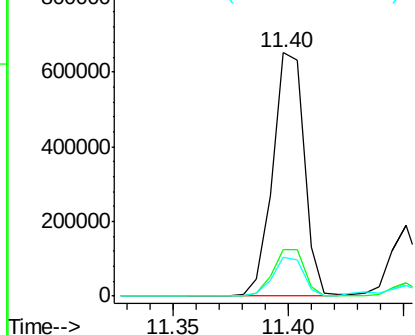


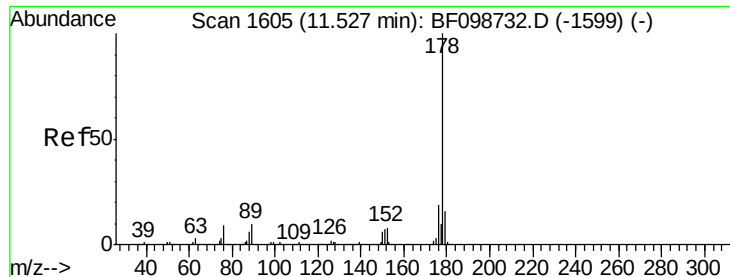
#70
 Phenanthrene
 Concen: 44.43 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Tgt Ion:178 Resp: 614582
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 16.1 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

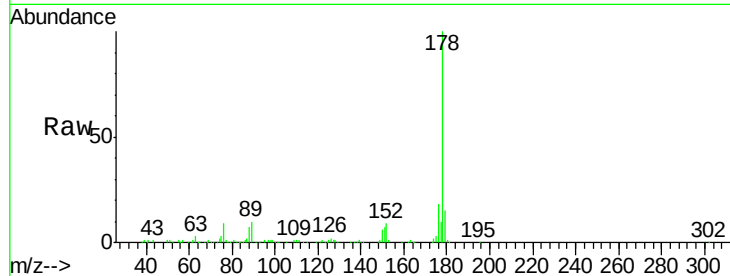




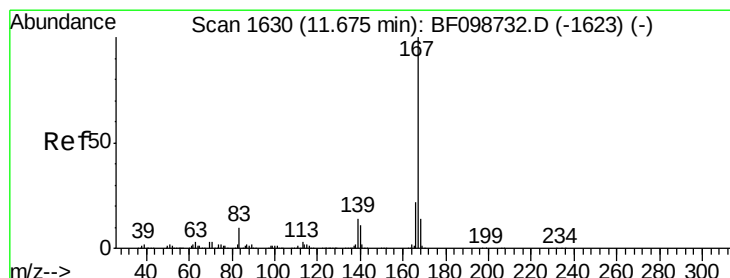
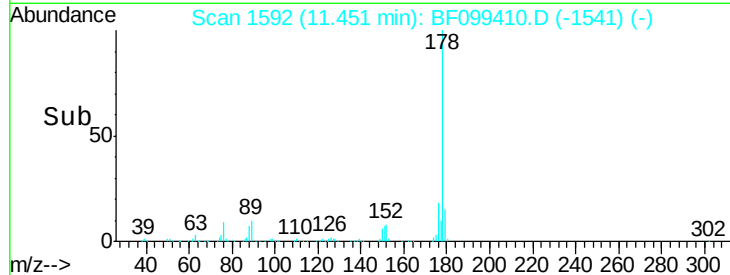
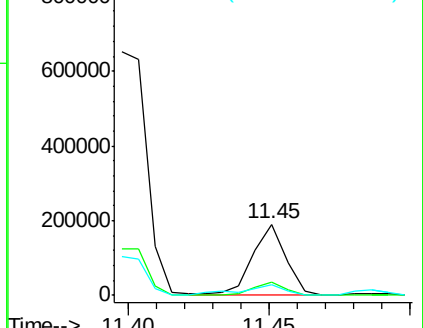
#71
 Anthracene
 Concen: 10.78 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 152558
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.0 12.6 19.0

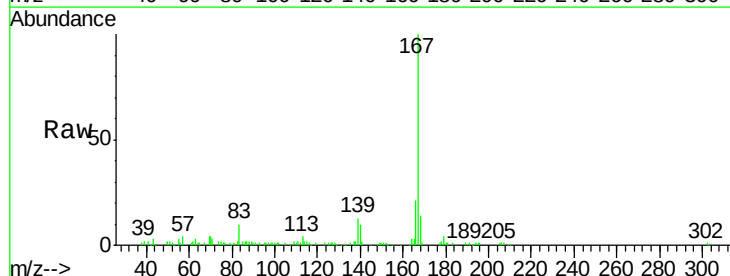


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

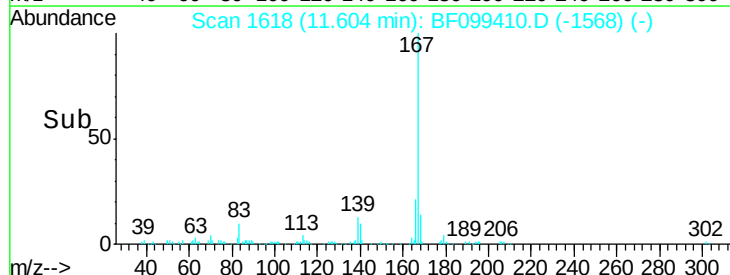
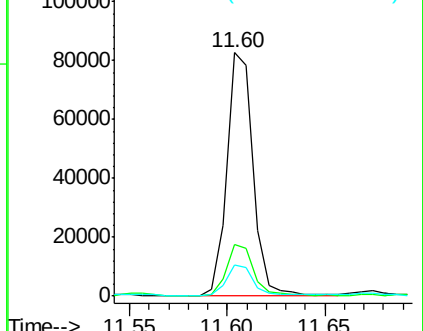


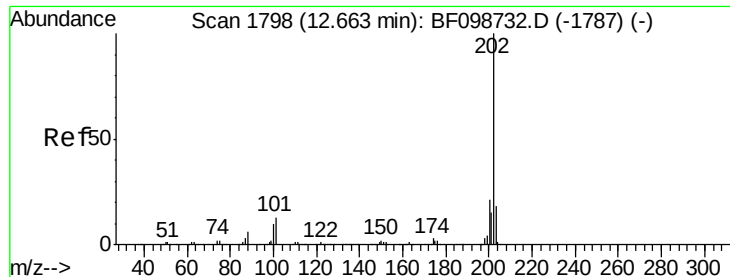
#72
 Carbazole
 Concen: 5.58 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Tgt Ion:167 Resp: 77340
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 13.0 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

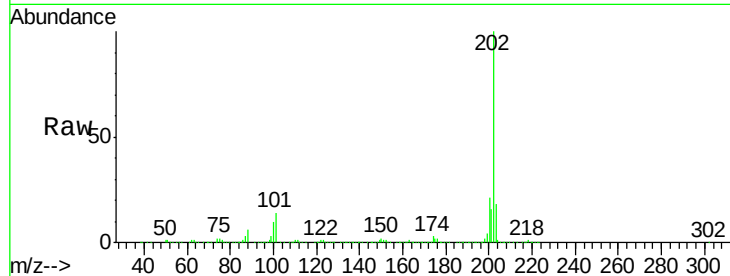




#74
Fluoranthene
Concen: 53.50 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.9	0.0	38.1

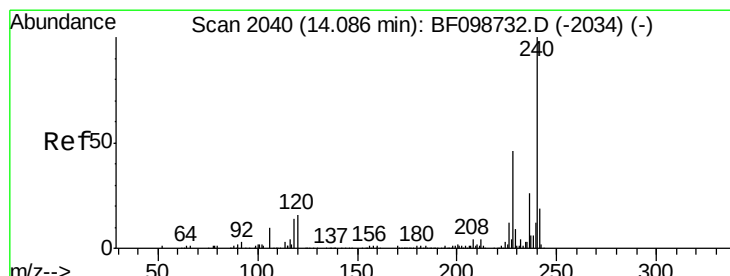
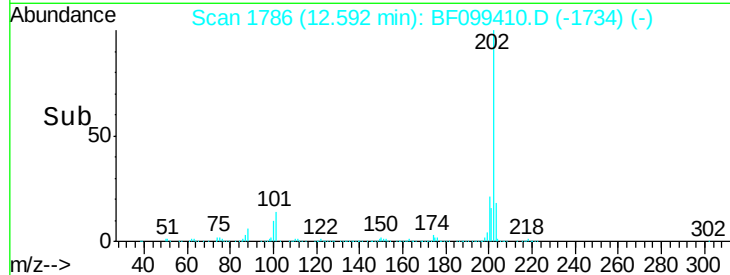
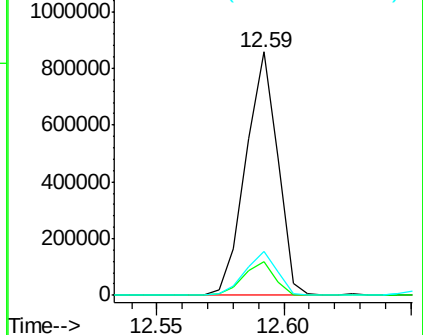


Abundance

Ion 202.00 (201.70 to 202.70): E

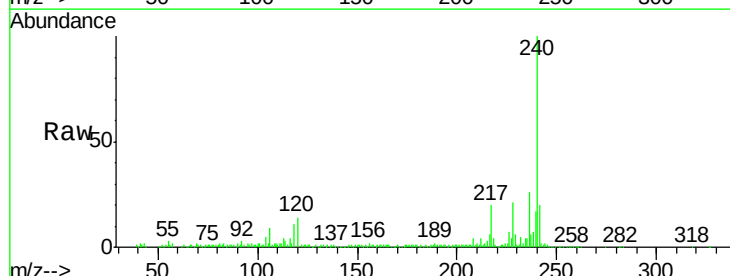
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.2	20.7	31.1

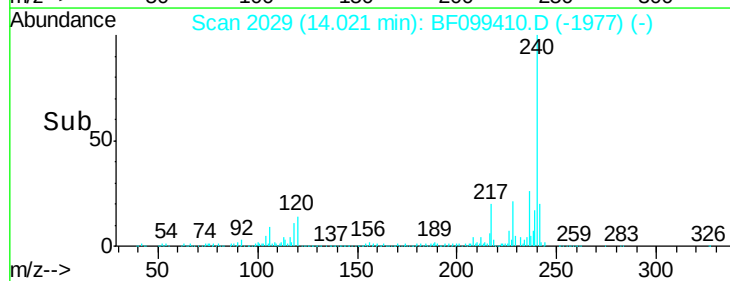
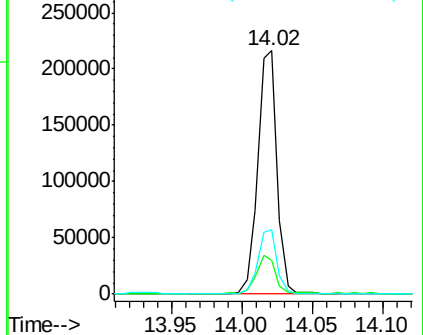


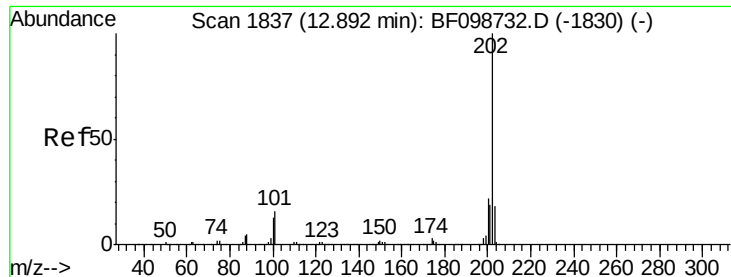
Abundance

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

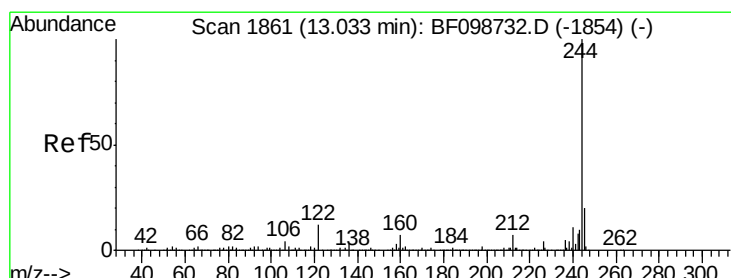
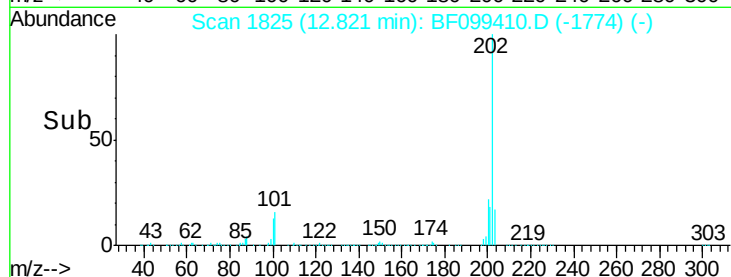
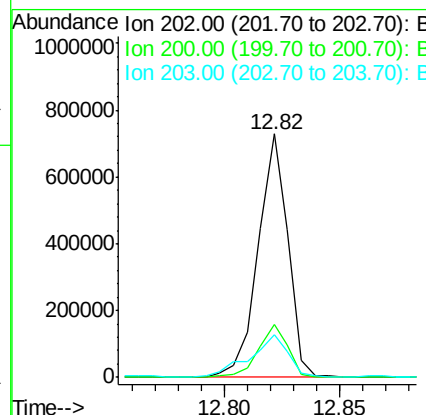
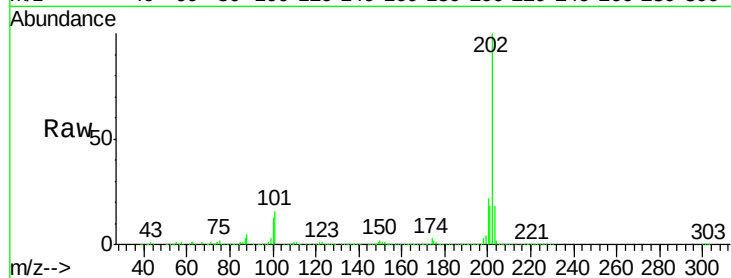




#77
Pvrene
Concen: 40.98 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

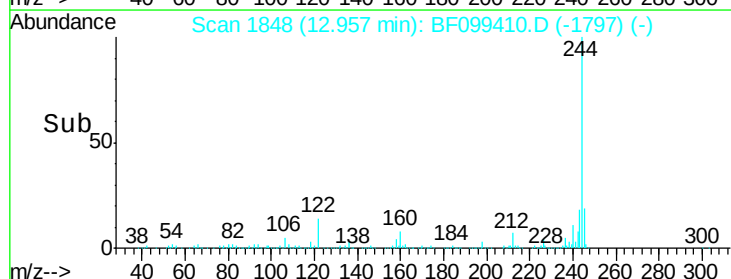
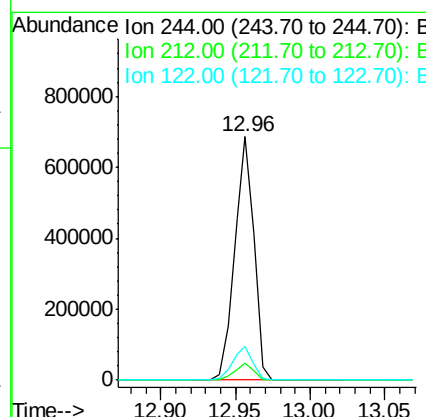
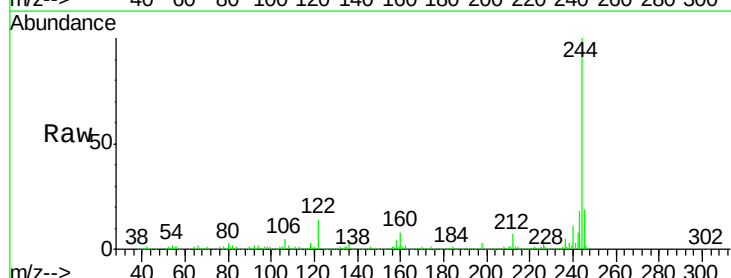
Instrument :
BNA_F
ClientSampleId :

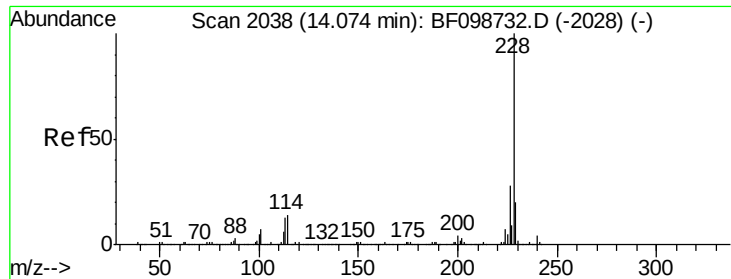
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5



#78
Terphenyl-d14
Concen: 67.70 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099410.D
Acq: 12 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4





#80

Benzo(a)anthracene

Concen: 26.72 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

Instrument :

BNA_F

ClientSampleId :

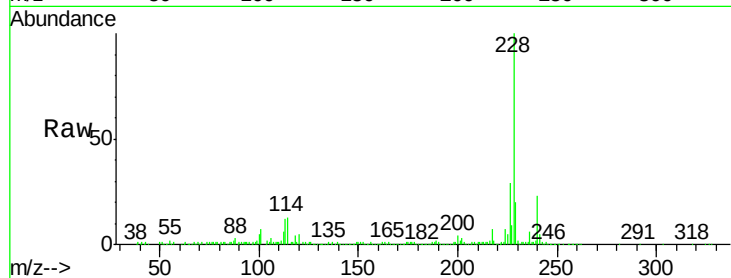
Tot Ion:228 Resp: 339705

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

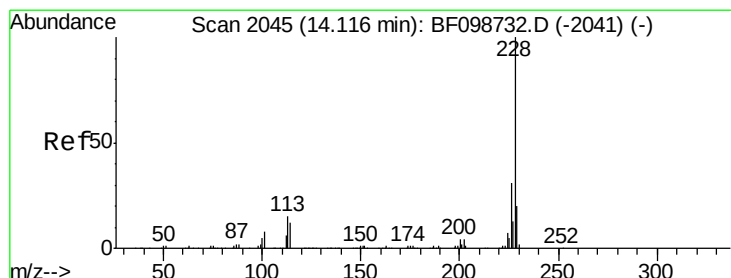
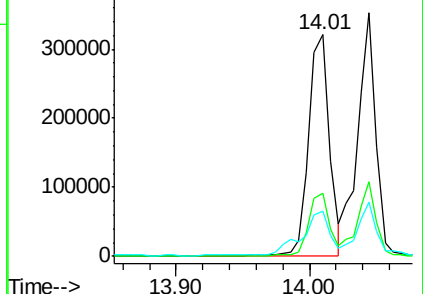
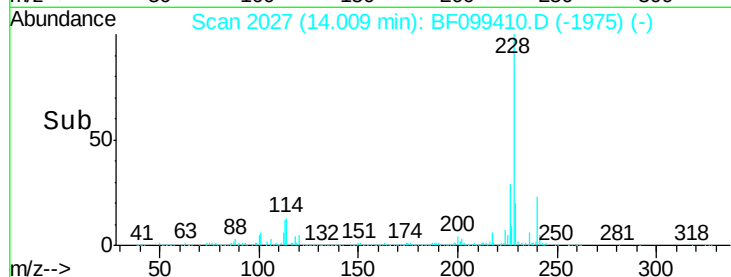
229 20.4 15.8 23.6



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: 27.64 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

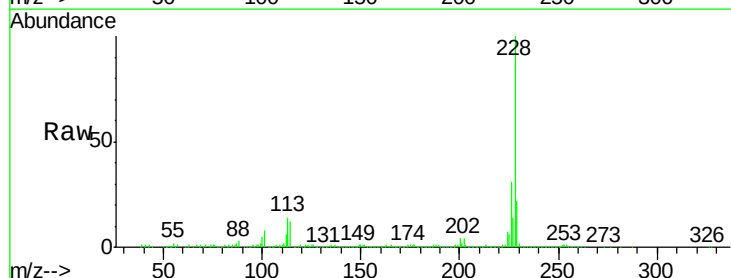
Tgt Ion:228 Resp: 334487

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

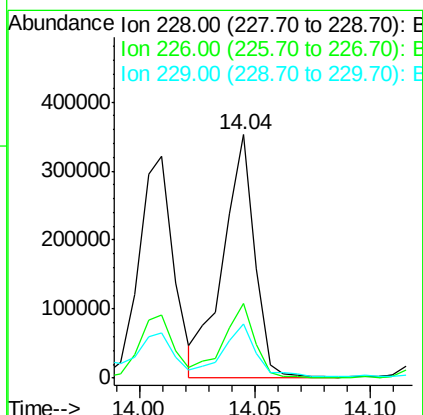
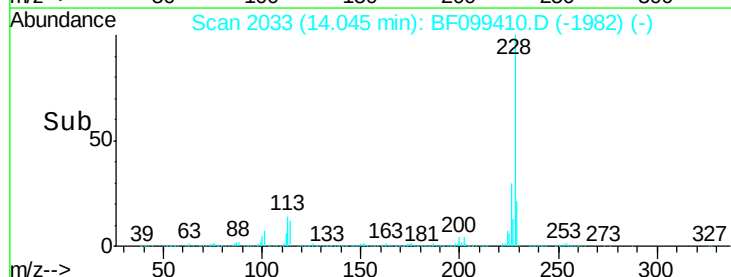
229 22.1 16.2 24.4

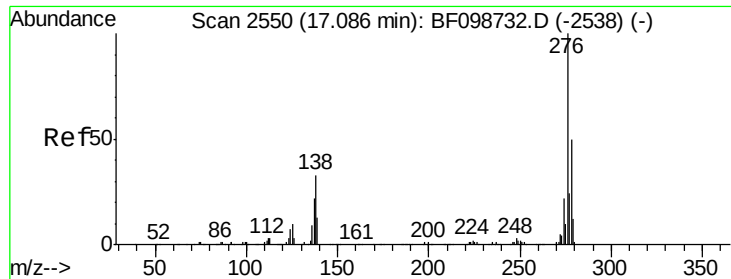


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

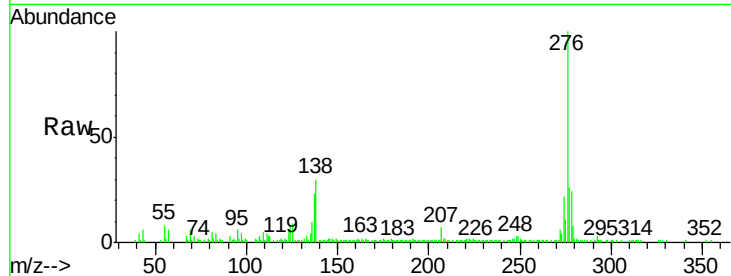




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.62 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.6	20.1	30.1

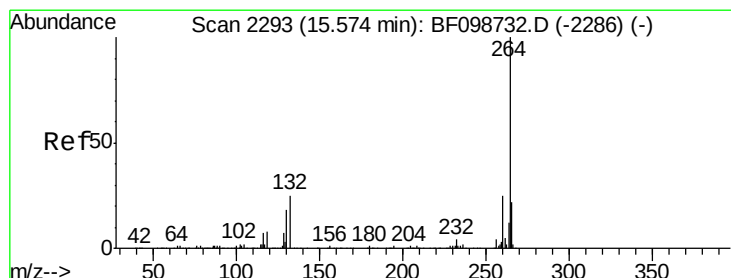
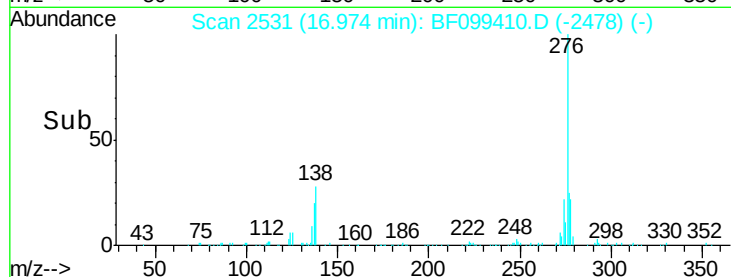
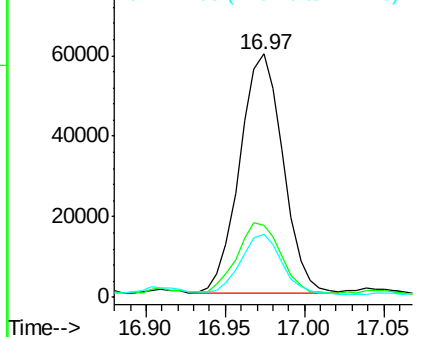


Abundance

Ion 276.00 (275.70 to 276.70): E

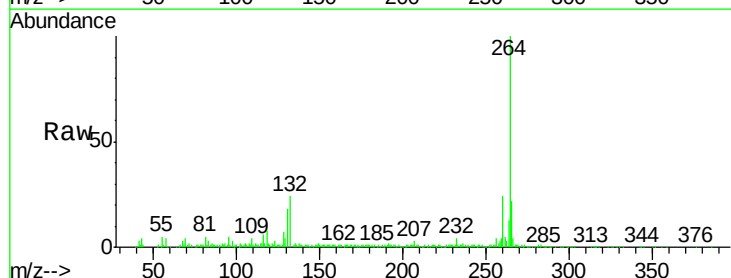
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099410.D
 Acq: 12 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

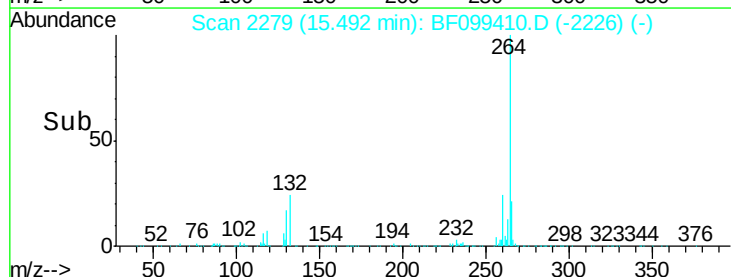
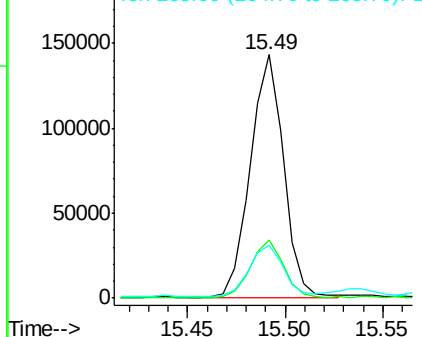


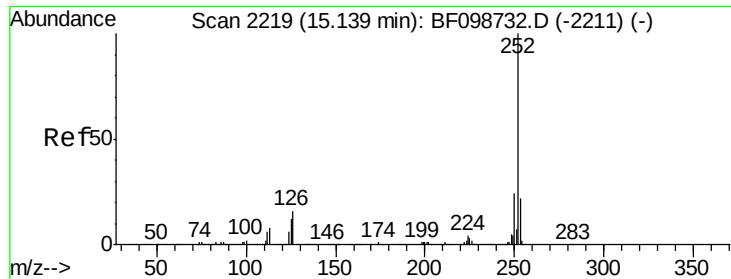
Abundance

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: 44.48 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF099410.D

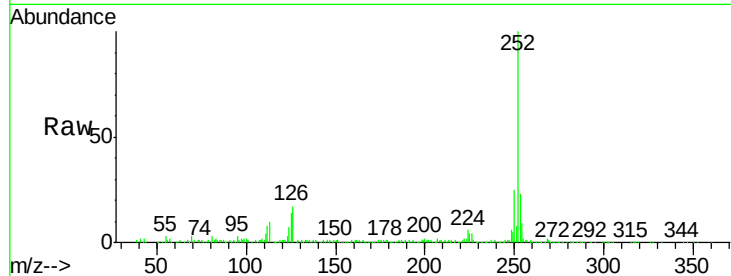
Acq: 12 Oct 2017 22:24

Instrument :

BNA_F

ClientSampleId :

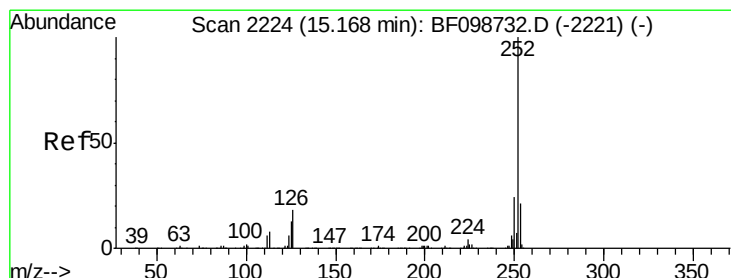
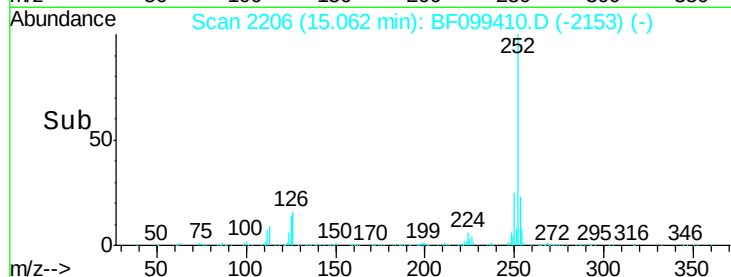
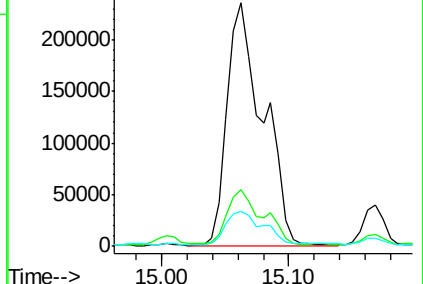
Tot Ion:252	Resp:	460873
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.0 25.6
125	14.5	9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 45.03 ng

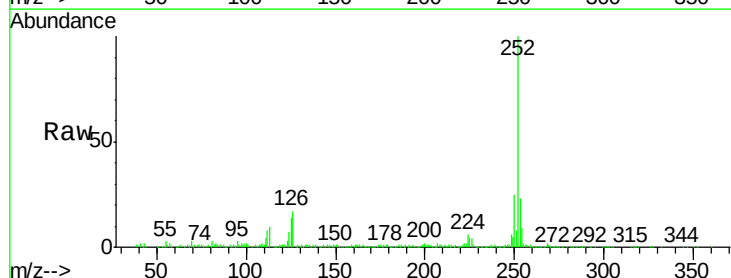
RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

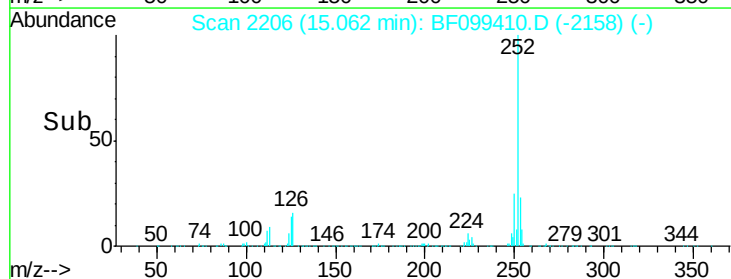
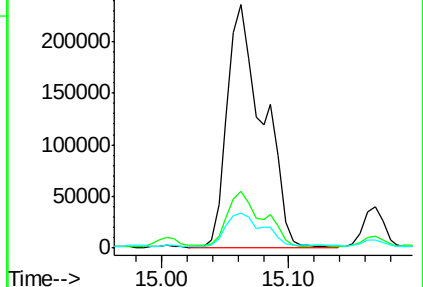
Tgt Ion:252	Resp:	460873
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.9 26.9
125	14.5	10.2 15.2

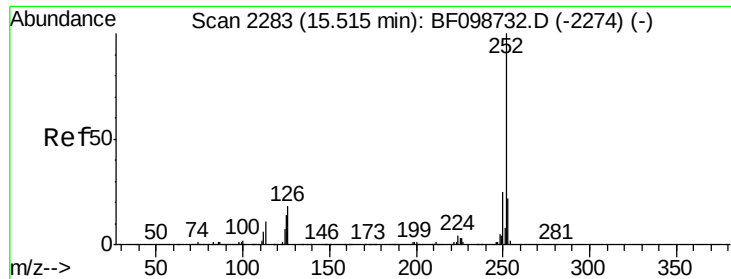


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 22.58 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

Instrument :

BNA_F

ClientSampled :

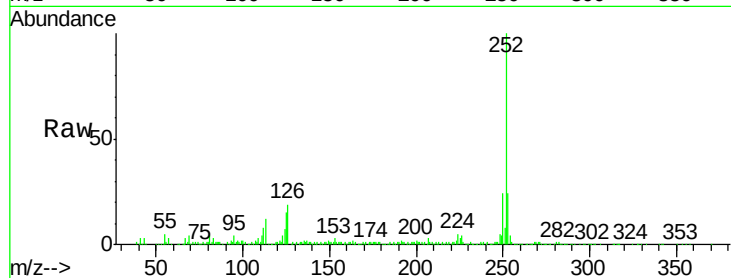
Tot Ion:252 Resp: 214725

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

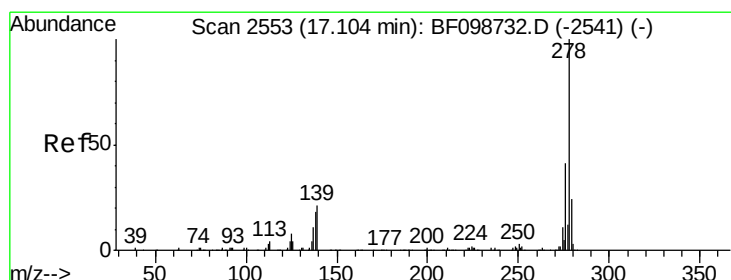
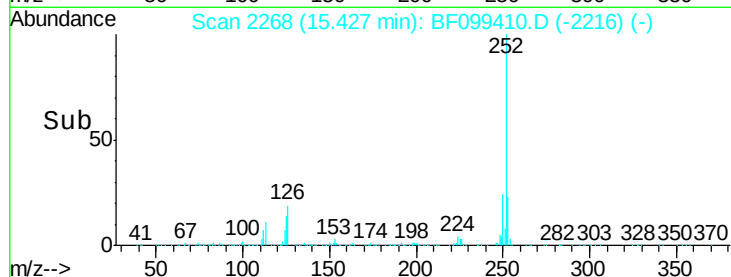
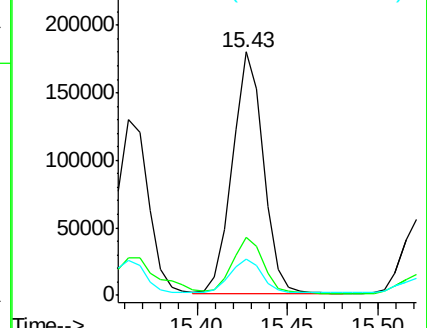
125 15.1 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.45 ng

RT: 16.77 min Scan# 2497

Delta R.T. -0.20 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

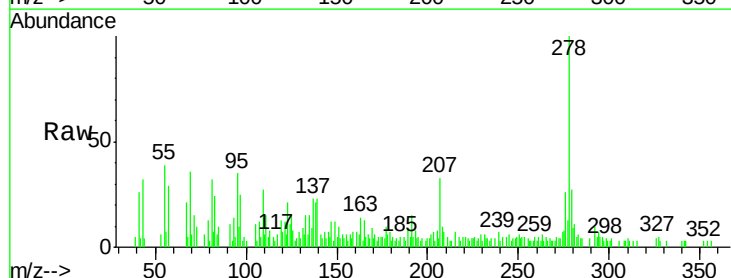
Tgt Ion:278 Resp: 18617

Ion Ratio Lower Upper

278 100

139 23.3 15.9 23.9

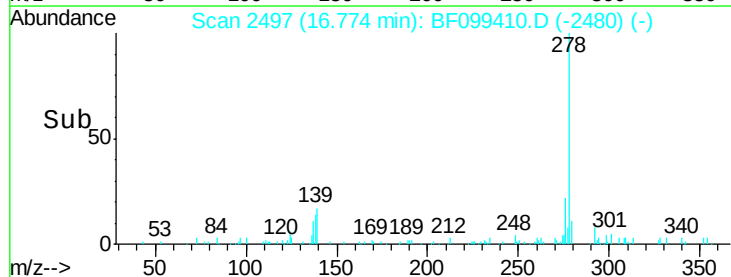
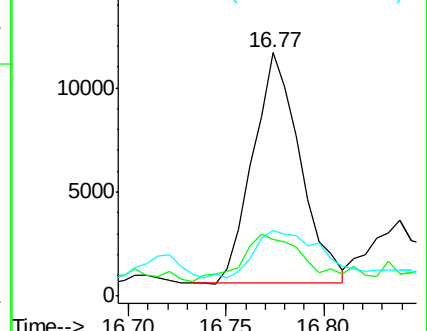
279 26.8 19.0 28.4

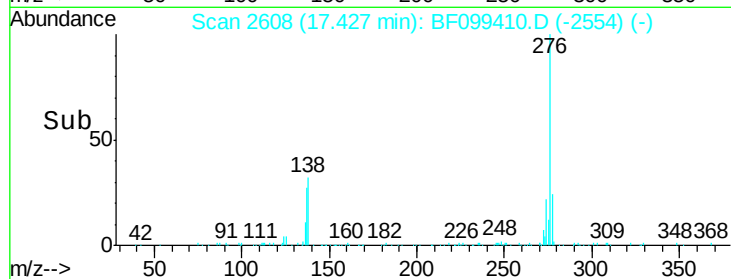
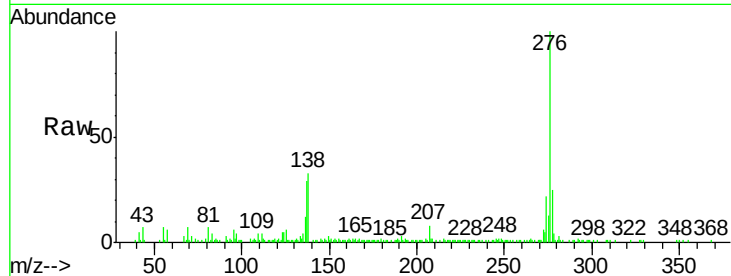
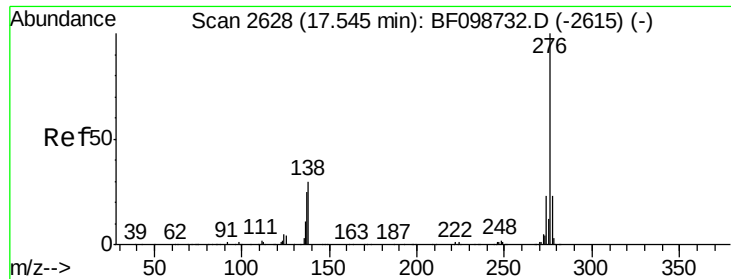


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 14.39 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF099410.D

Acq: 12 Oct 2017 22:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 108303

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 33.1 21.8 32.8#

