

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101643.D
 Acq On : 22 Dec 2017 8:55
 Operator : SJ/JU
 Sample : I6681-07DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 10:24:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135604	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	517092	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202029	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297340	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280196	20.00	ng	0.00
86) Perylene-d12	15.44	264	221725	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	202950	22.29	ng	0.01
7) Phenol-d6	6.44	99	257111	22.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	145583	15.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	30900	15.87	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	252361	19.38	ng	0.00
78) Terphenyl-d14	12.90	244	168835	14.53	ng	0.00

Target Compounds

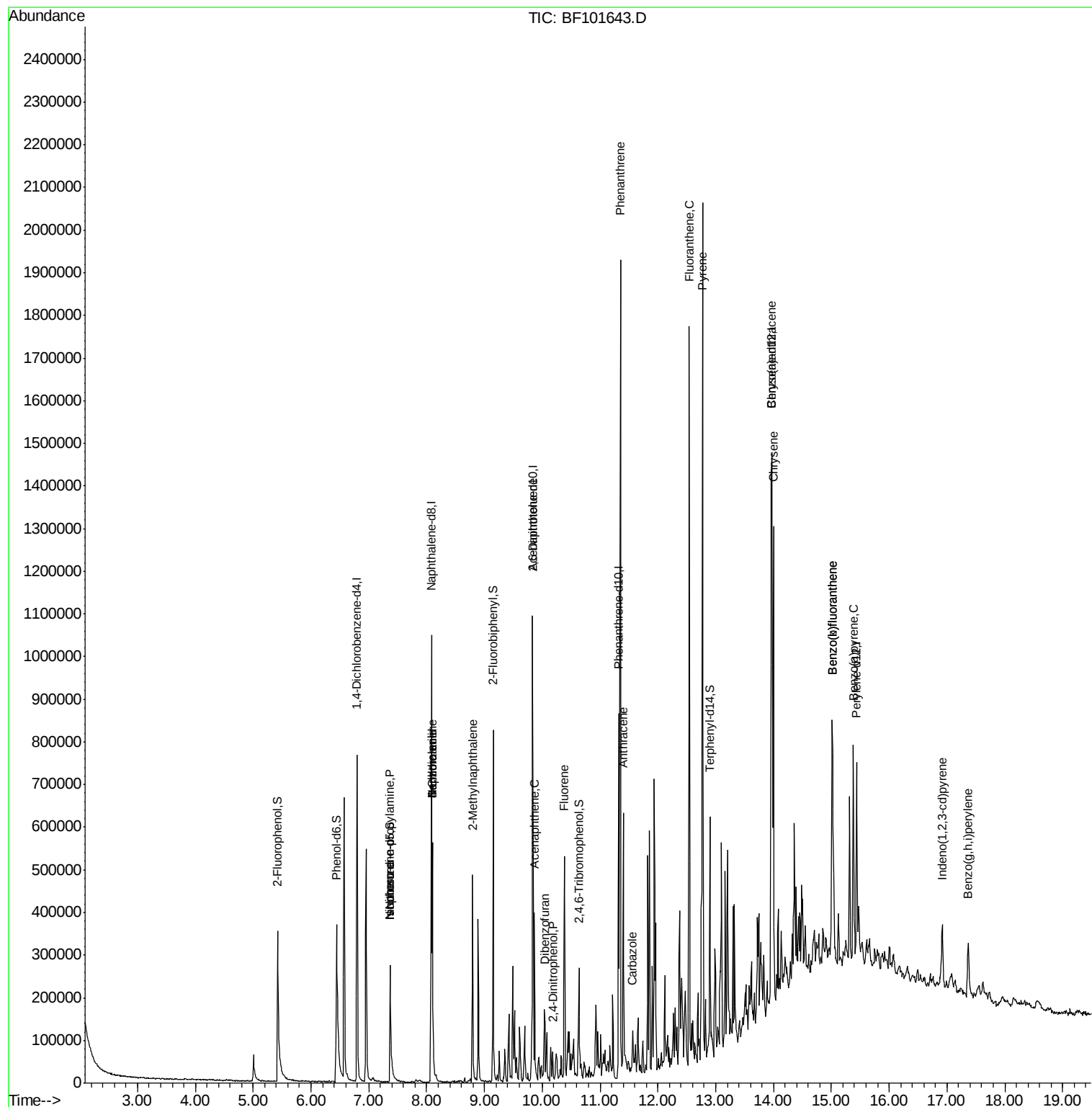
						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	18730	2.517	ng	# 86
25) Isophorone	7.37	82	145583	7.812	ng	# 64
31) Naphthalene	8.10	128	247735	9.516	ng	# 99
32) Benzoic acid	8.10	122	314	8.013	ng	# 1
33) 4-Chloroaniline	8.10	127	31740	2.805	ng	# 33
37) 2-Methylnaphthalene	8.79	142	135562	7.993	ng	100
50) 2,6-Dinitrotoluene	9.83	165	29610	8.965	ng	# 26
51) Acenaphthene	9.86	154	85500	6.572	ng	# 99
53) 2,4-Dinitrophenol	10.19	184	115	10.407	ng	# 35
54) Dibenzofuran	10.05	168	54331	3.286	ng	# 97
57) Fluorene	10.38	166	145604	10.411	ng	100
70) Phenanthrene	11.35	178	705300	42.654	ng	98
71) Anthracene	11.40	178	260771	15.439	ng	99
72) Carbazole	11.56	167	33924	2.145	ng	97
74) Fluoranthene	12.55	202	711748	41.008	ng	97
77) Pyrene	12.77	202	831040	39.519	ng	100
80) Benzo(a)anthracene	13.96	228	459162	24.817	ng	98
82) Chrysene	14.00	228	395363	22.632	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	97672	6.279	ng	# 91
87) Benzo(b)fluoranthene	15.02	252	436248	32.280	ng	96
88) Benzo(k)fluoranthene	15.02	252	435923	33.175	ng	98
89) Benzo(a)pyrene	15.38	252	243293	19.528	ng	97
91) Benzo(g,h,i)perylene	17.37	276	105714	9.981	ng	96

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

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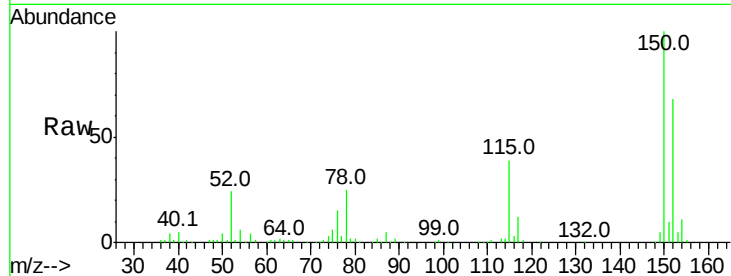


#1

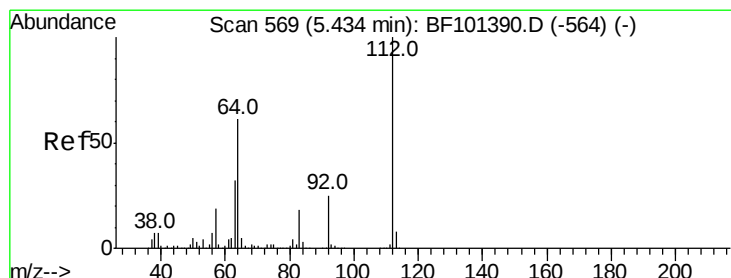
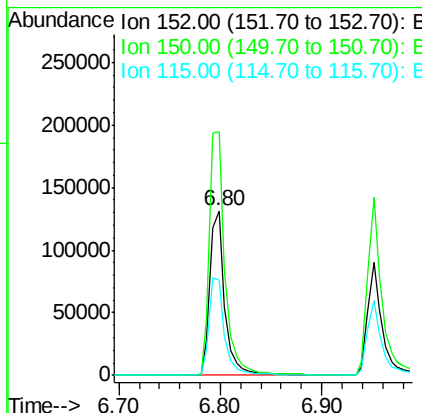
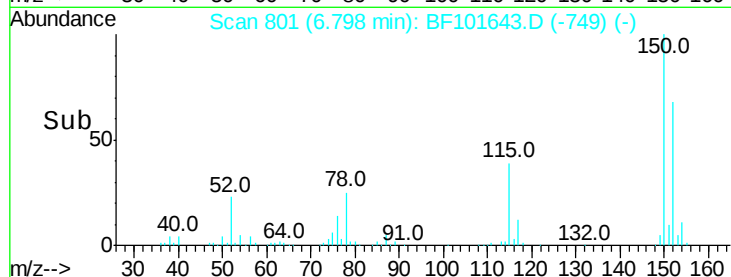
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135604
Ion Ratio Lower Upper
152 100
150 148.0 124.6 186.8
115 58.2 50.1 75.1



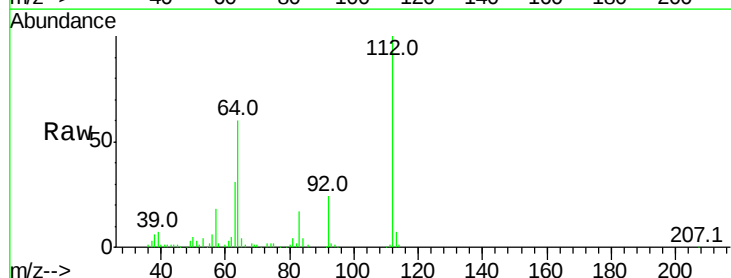
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



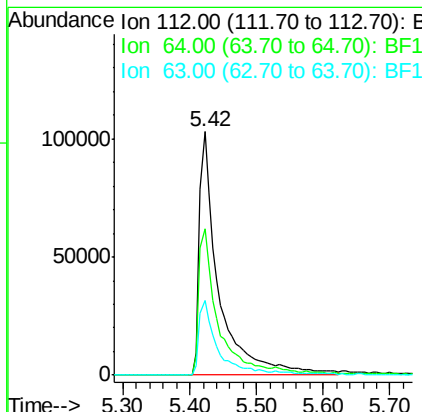
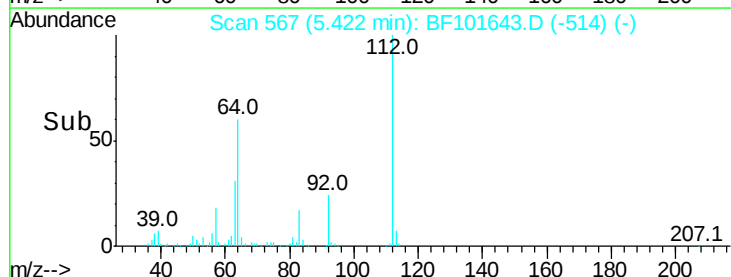
#5

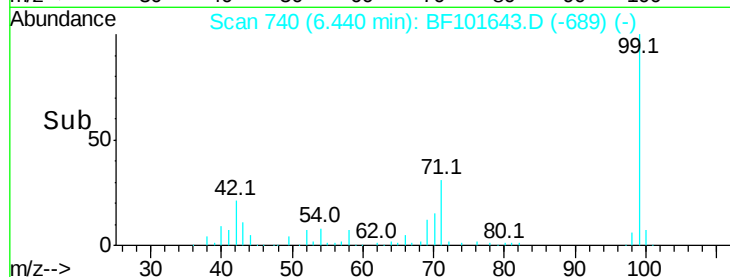
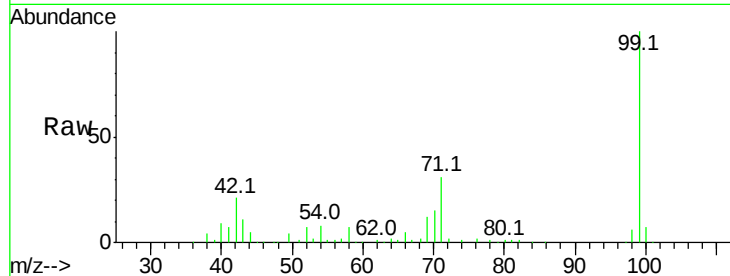
2-Fluorophenol
Concen: 22.294 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion:112 Resp: 202950
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.694 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampleId :

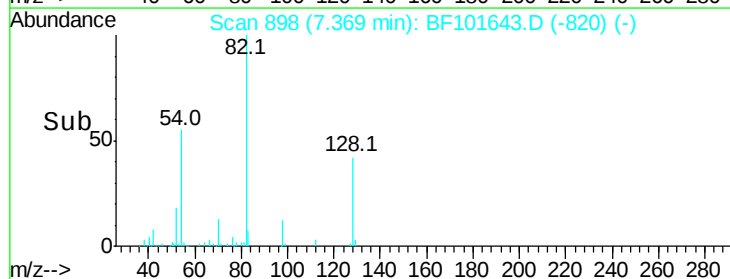
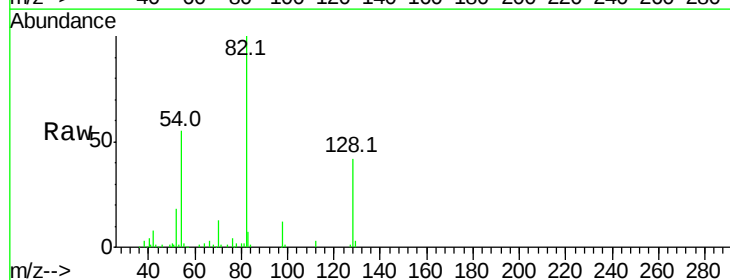
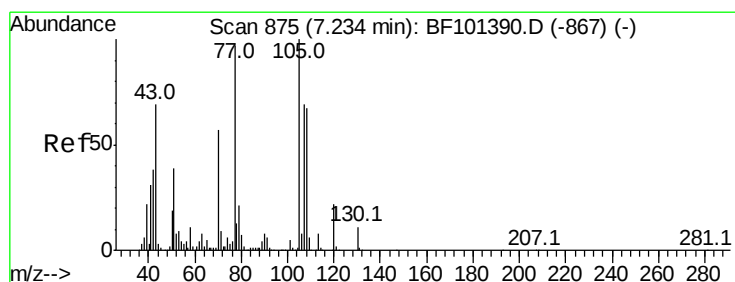
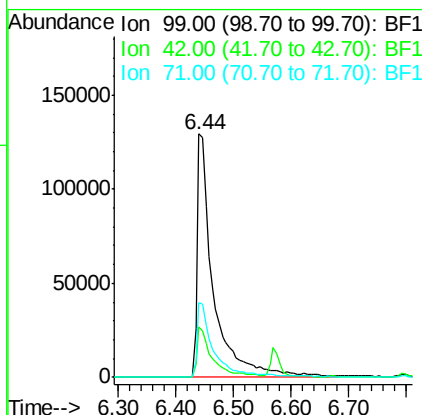
Tot Ion: 99 Resp: 257111

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 30.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.517 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Tgt Ion: 70 Resp: 18730

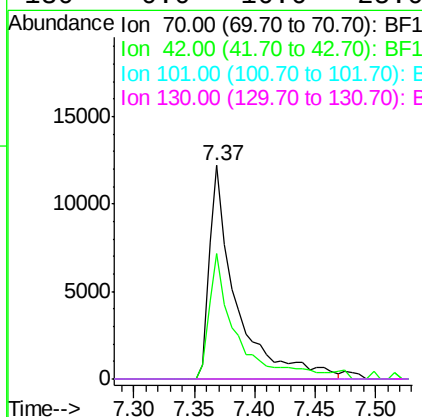
Ion Ratio Lower Upper

70 100

42 58.5 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

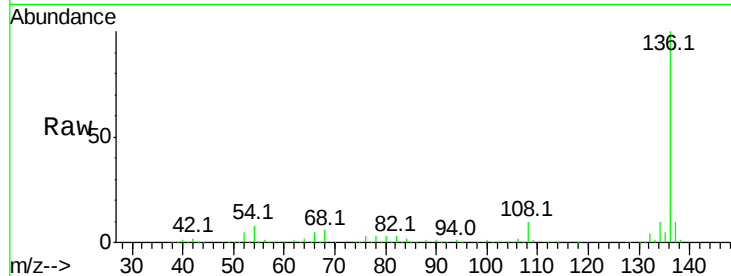




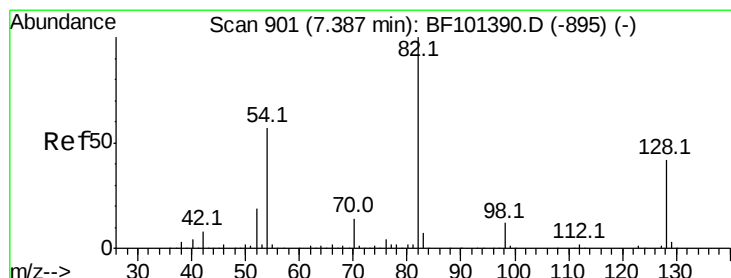
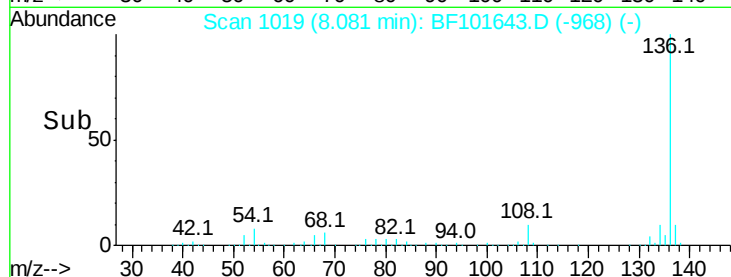
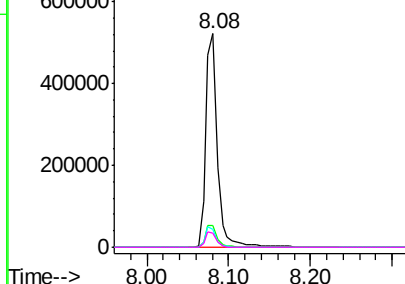
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	517092
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	8.4	6.6 9.8
68	6.4	5.0 7.4

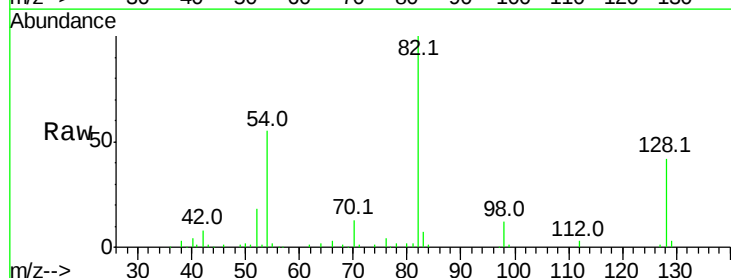


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

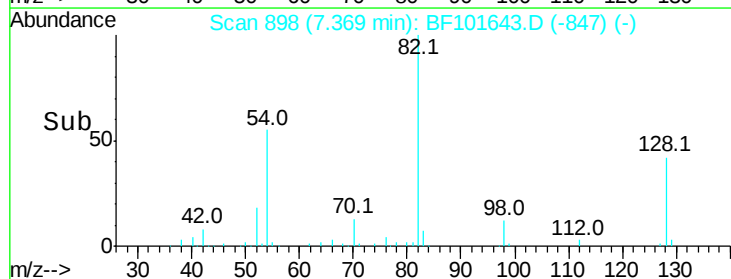
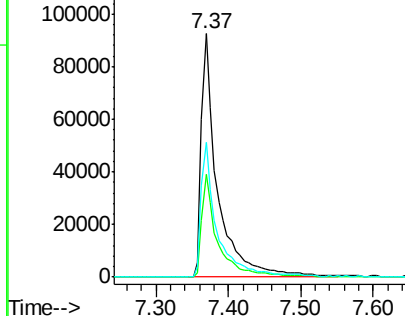


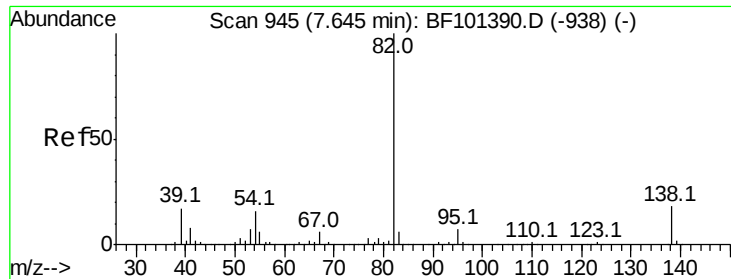
#23
Nitrobenzene-d5
Concen: 15.672 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion: 82	Resp:	145583
Ion Ratio	Lower	Upper
82	100	
128	42.3	36.1 54.1
54	55.2	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.812 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampleId :

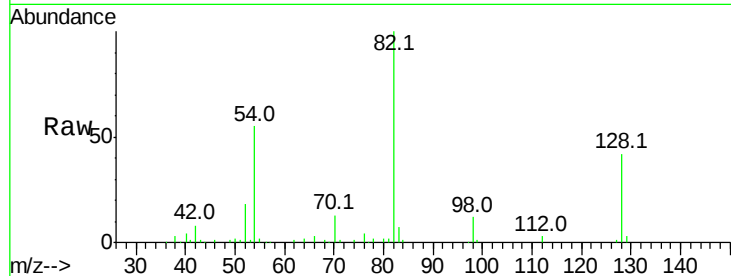
Tot Ion: 82 Resp: 145583

Ion Ratio Lower Upper

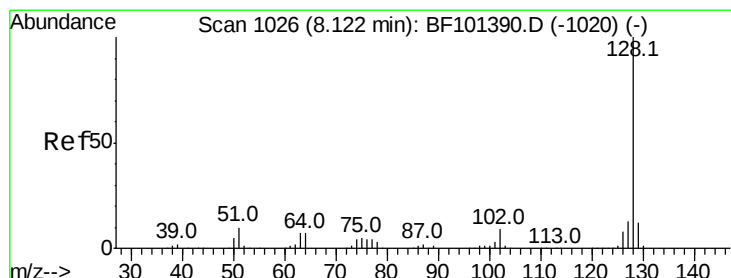
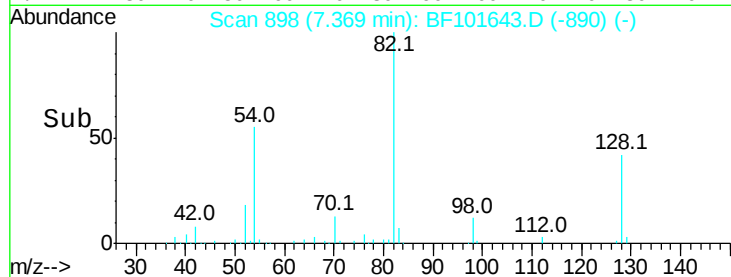
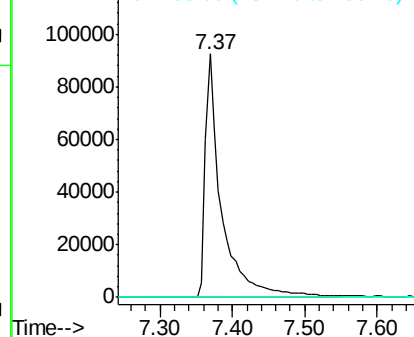
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 9.516 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

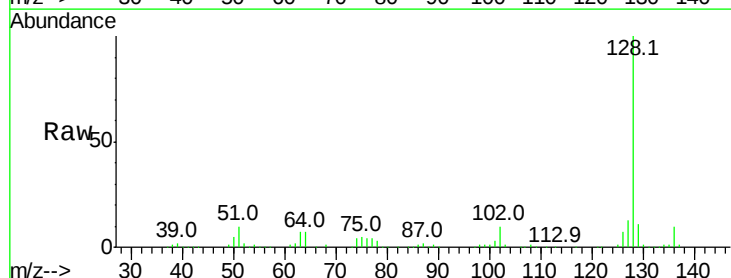
Tgt Ion: 128 Resp: 247735

Ion Ratio Lower Upper

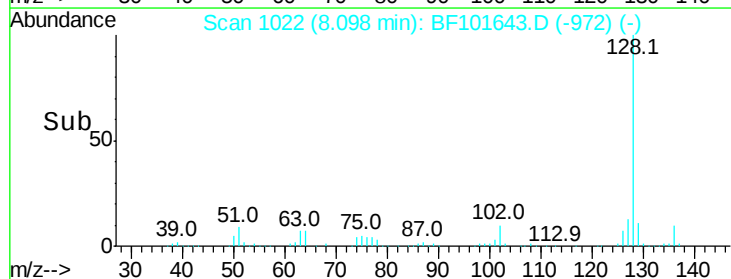
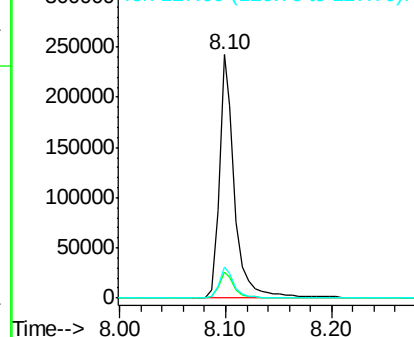
128 100

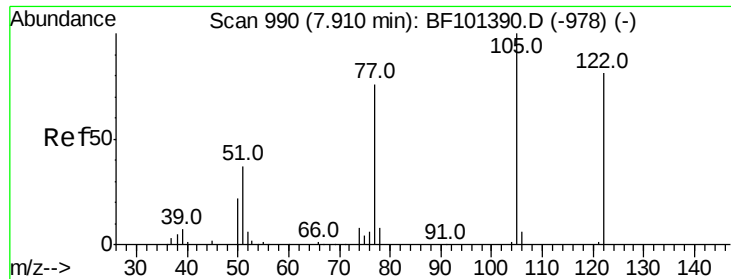
129 10.9 8.8 13.2

127 13.0 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

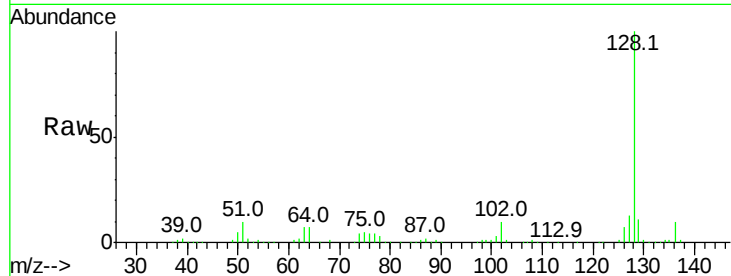




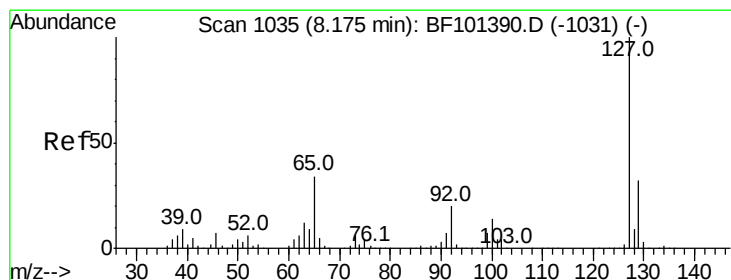
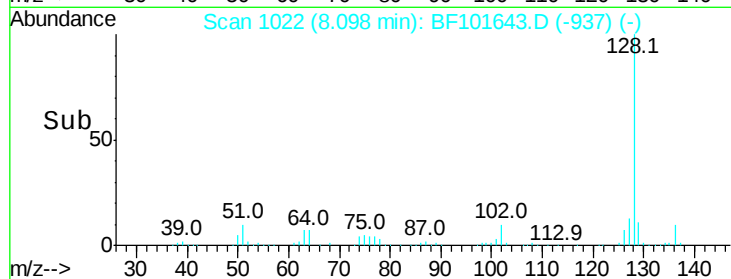
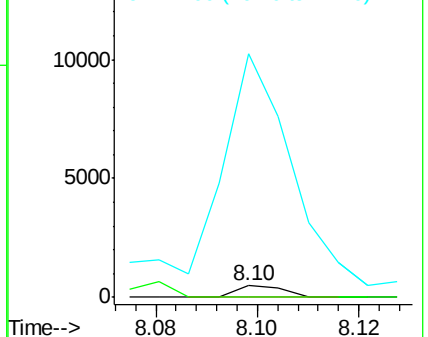
#32
Benzoic acid
Concen: 8.013 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.20 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 314
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 2133.1 70.7 110.7#

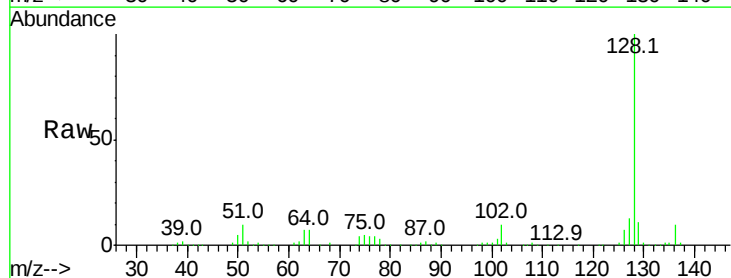


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

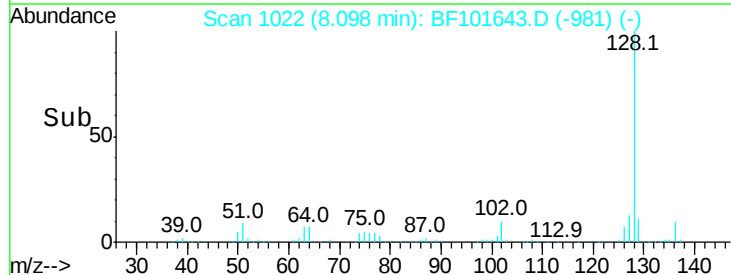
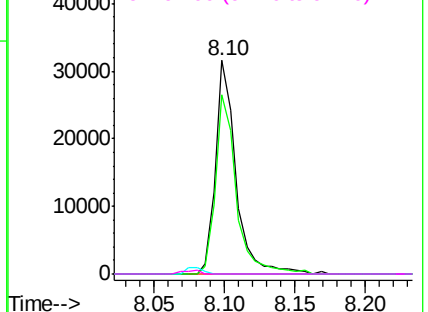


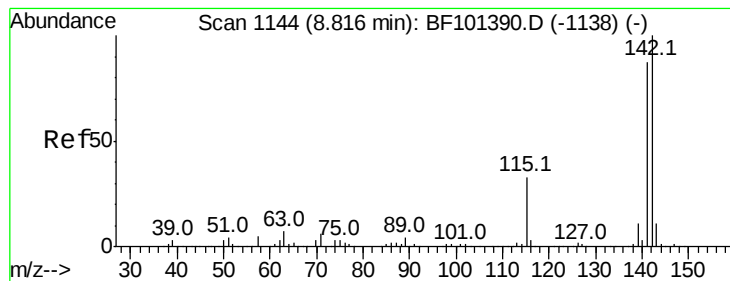
#33
4-Chloroaniline
Concen: 2.805 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion:127 Resp: 31740
Ion Ratio Lower Upper
127 100
129 83.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

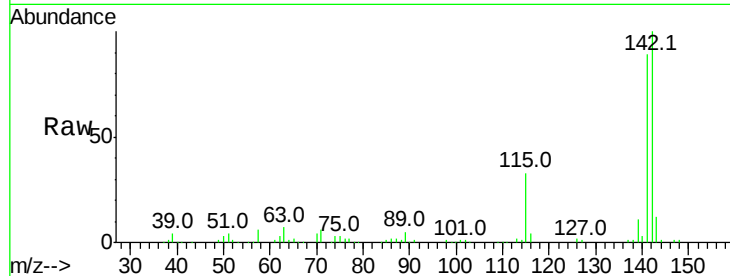




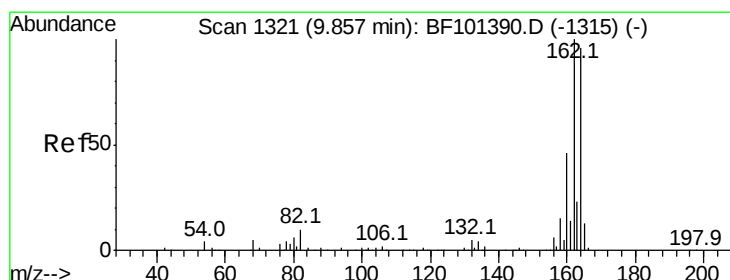
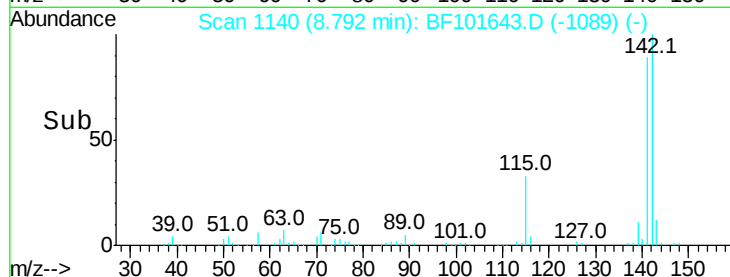
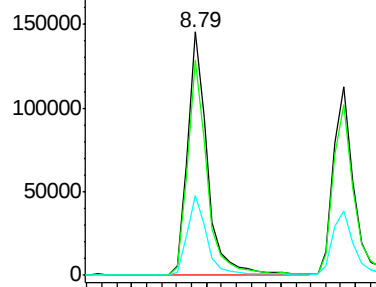
#37
2-Methylnaphthalene
Concen: 7.993 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	32.7	26.1	39.1

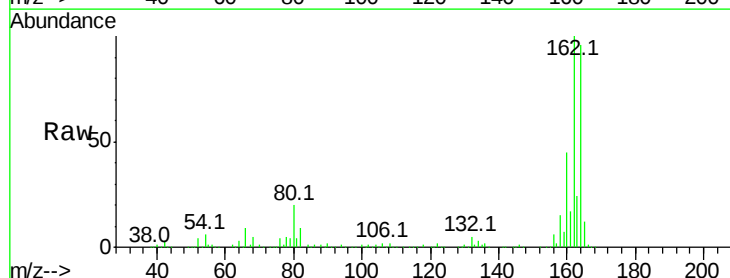


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

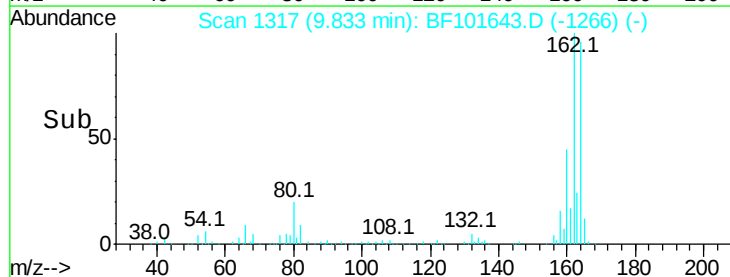
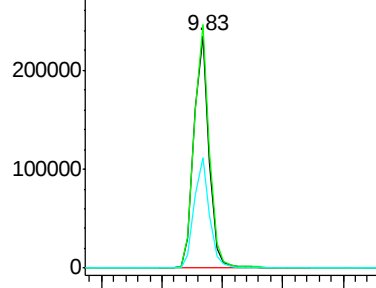


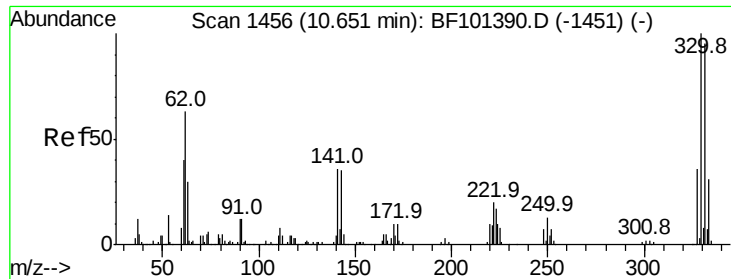
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.4	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

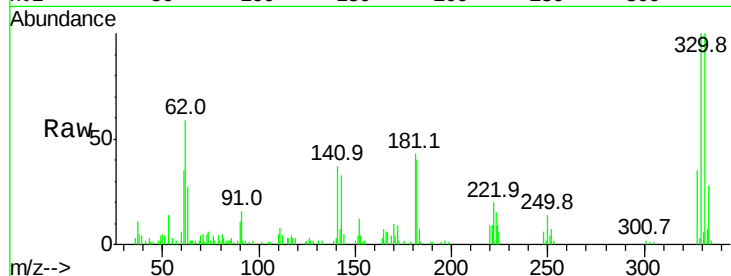




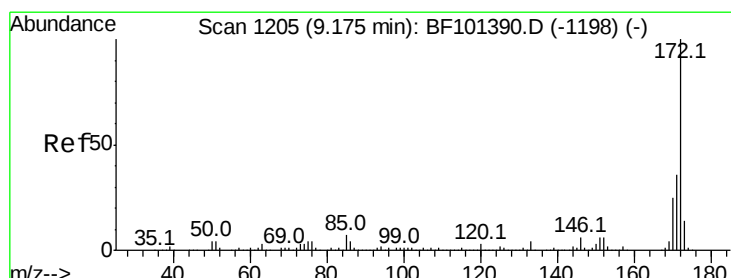
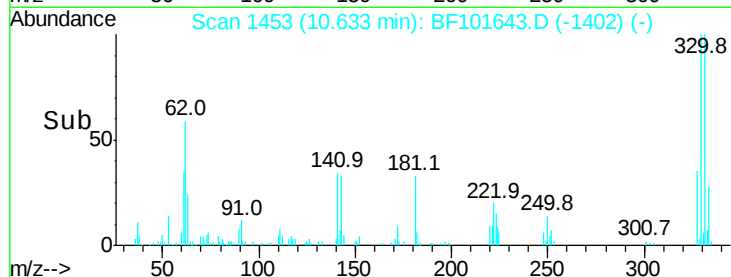
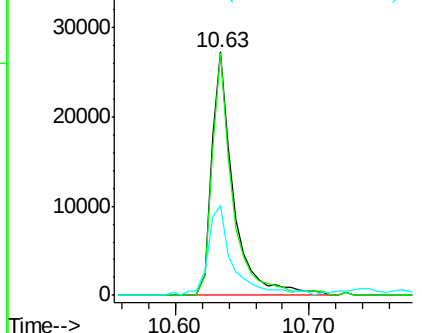
#41
 2,4,6-Tribromophenol
 Concen: 15.873 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF101643.D
 Acq: 22 Dec 2017 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	42.7	29.9	44.9

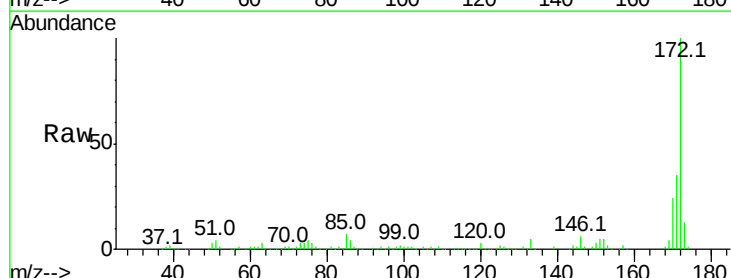


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

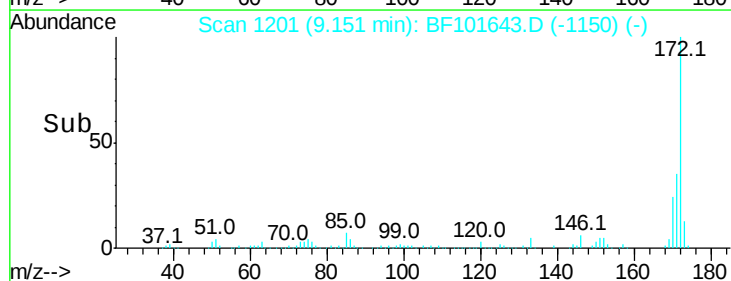
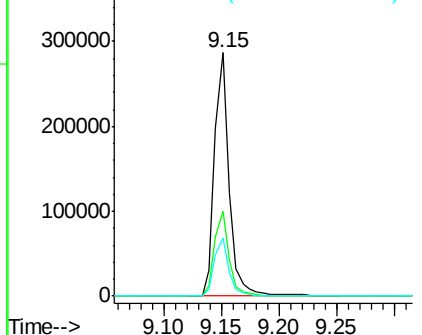


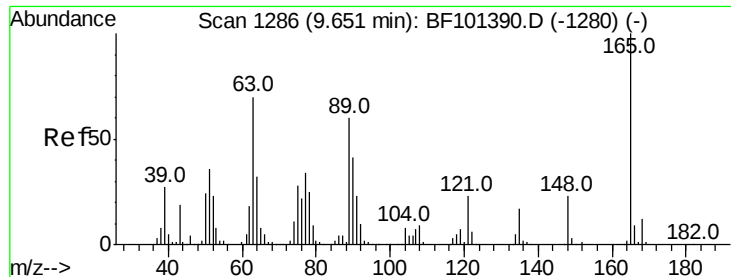
#44
 2-Fluorobiphenyl
 Concen: 19.377 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101643.D
 Acq: 22 Dec 2017 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	24.1	19.6	29.4



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

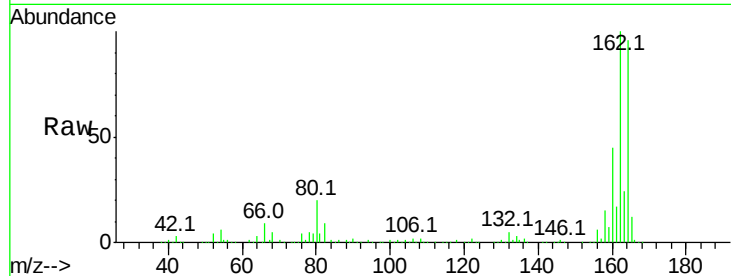




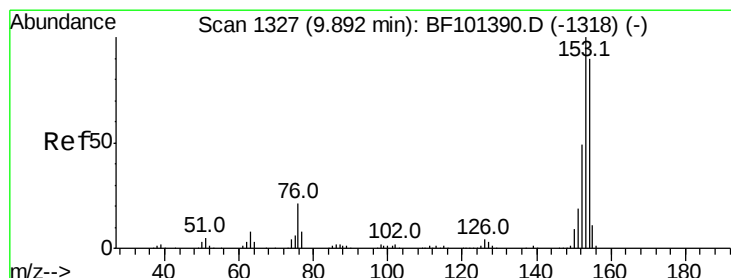
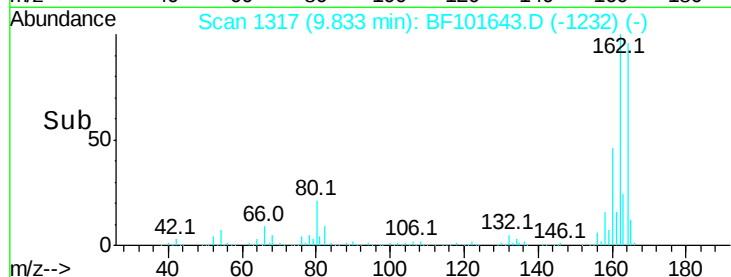
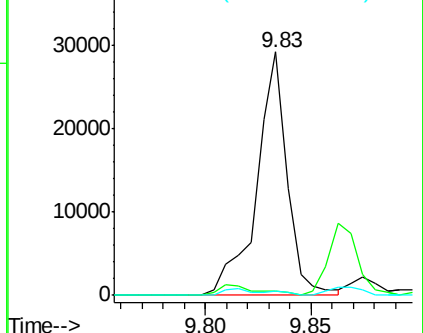
#50
 2,6-Dinitrotoluene
 Concen: 8.965 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101643.D
 Acq: 22 Dec 2017 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.9	44.0	66.0#

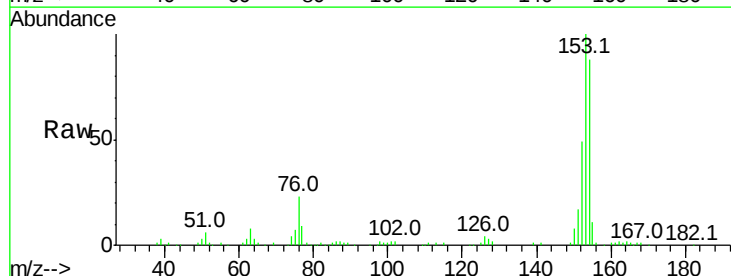


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

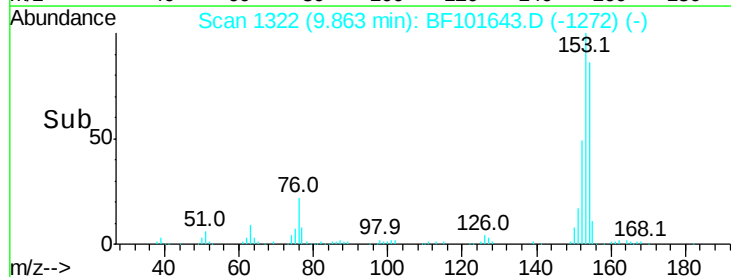
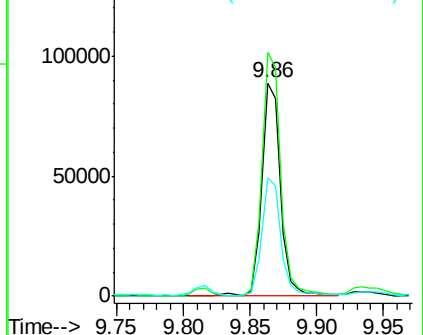


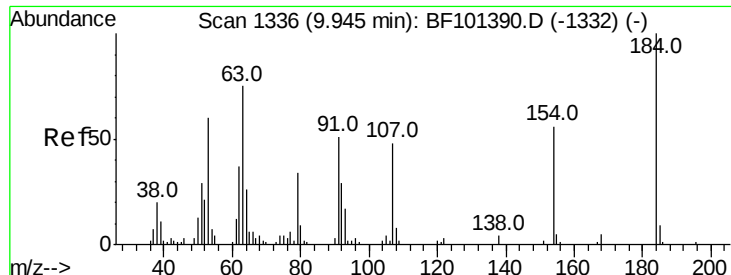
#51
 Acenaphthene
 Concen: 6.572 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101643.D
 Acq: 22 Dec 2017 8:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	55.7	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

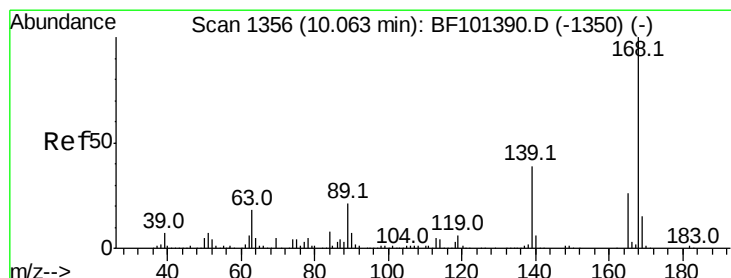
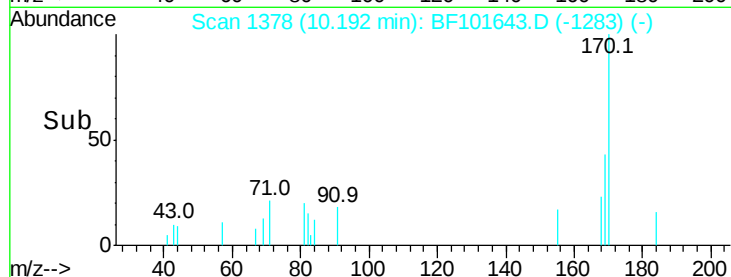
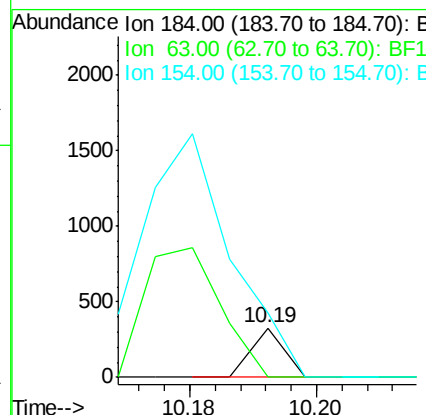
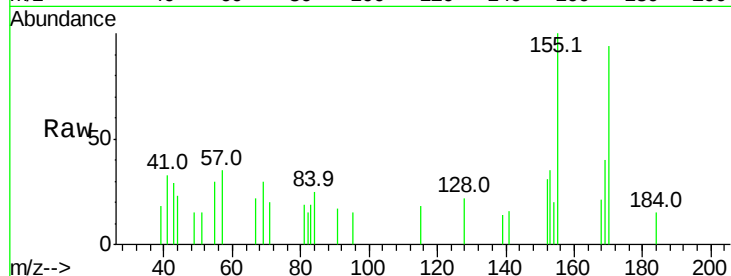




#53
 2,4-Dinitrophenol
 Concen: 10.407 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.26 min
 Lab File: BF101643.D
 Acq: 22 Dec 2017 8:55

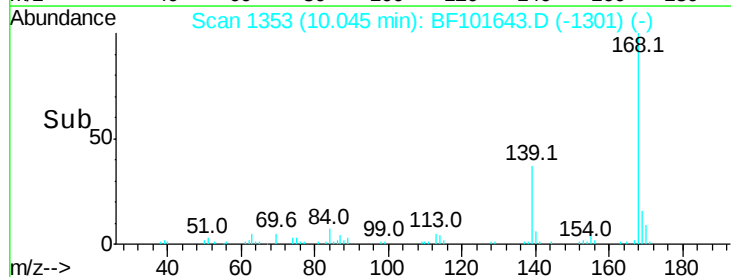
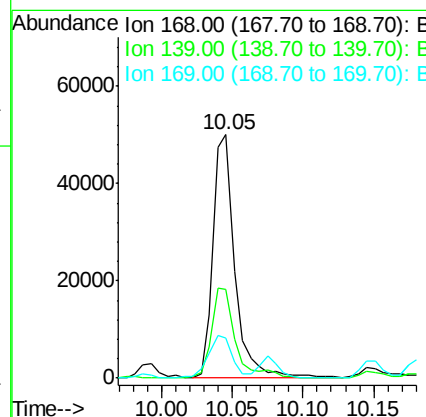
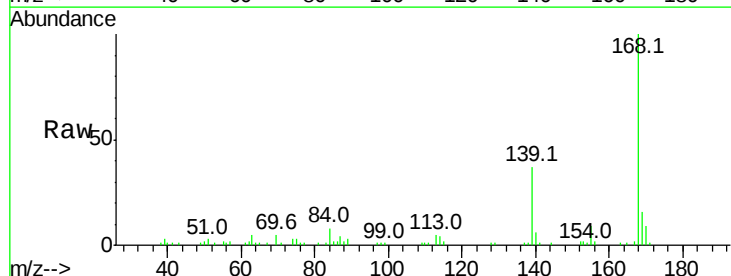
Instrument :
 BNA_F
 ClientSampled :

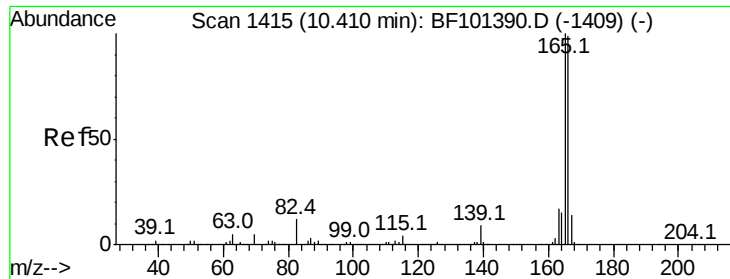
Tot Ion:184 Resp: 115
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 132.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 3.286 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF101643.D
 Acq: 22 Dec 2017 8:55

Tgt Ion:168 Resp: 54331
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.1 45.1
 169 16.3 10.9 16.3





#57

Fluorene

Concen: 10.411 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampleId :

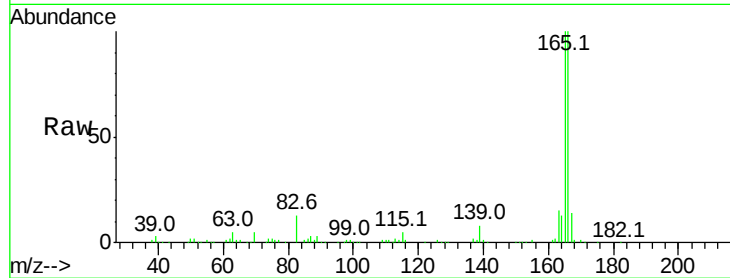
Tot Ion:166 Resp: 145604

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

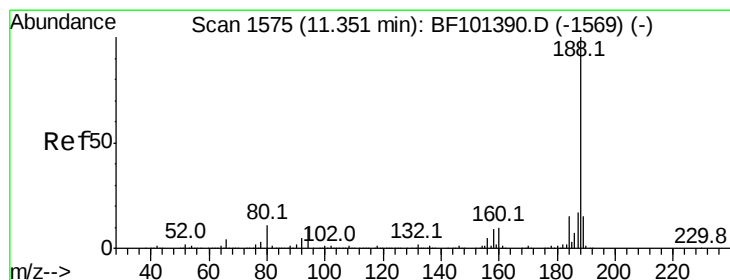
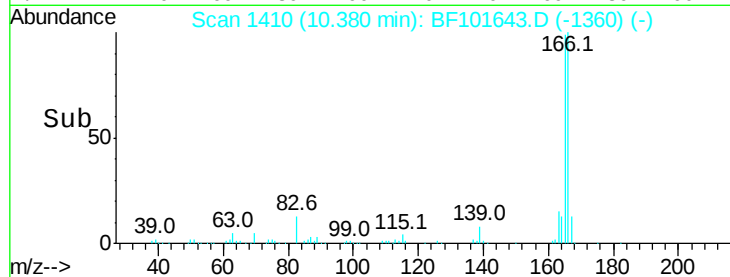
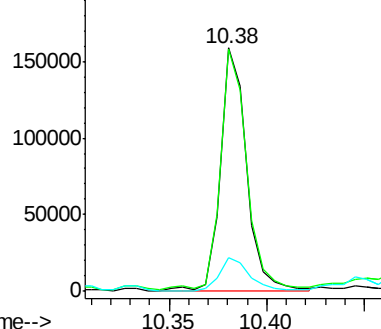
167 13.8 10.6 16.0



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. -0.01 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

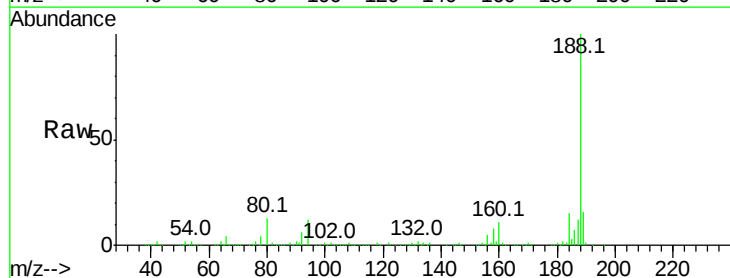
Tgt Ion:188 Resp: 297340

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

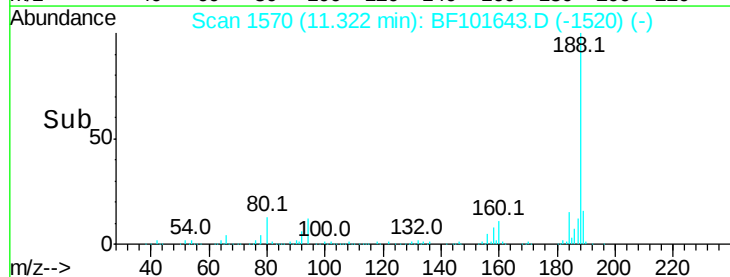
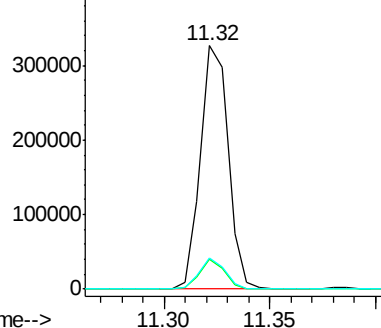
80 12.6 9.2 13.8

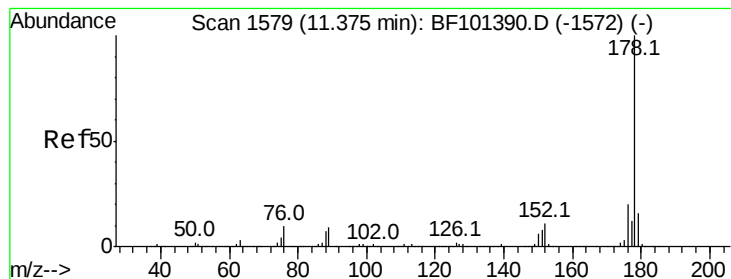


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 42.654 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

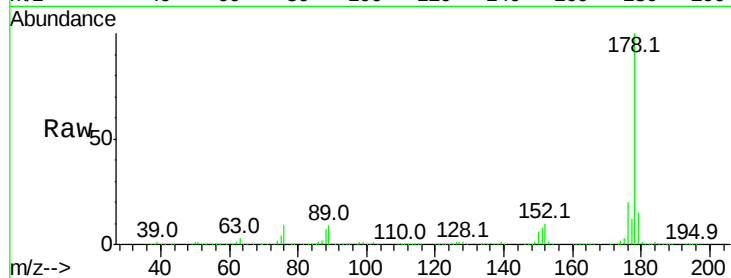
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 705300

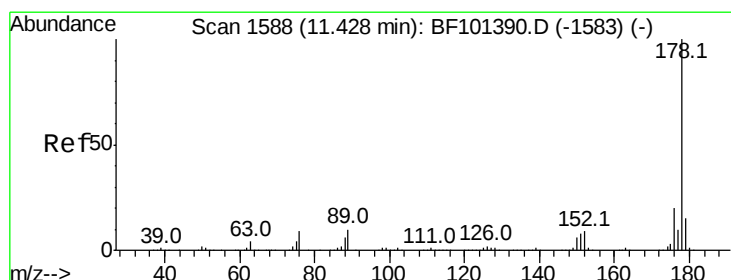
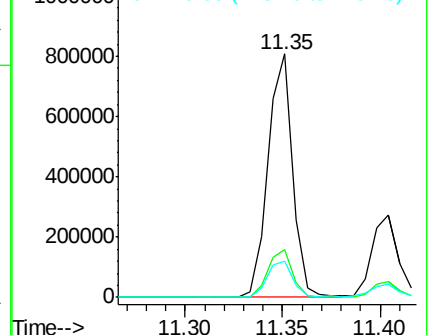
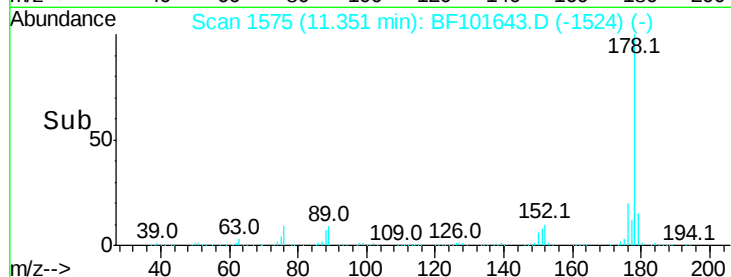
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.9	13.0	19.6



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: 15.439 ng

RT: 11.40 min Scan# 1584

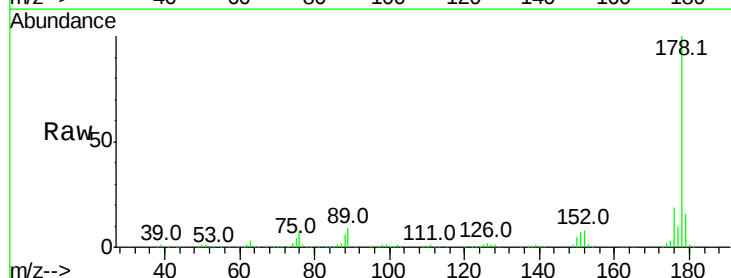
Delta R.T. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Tgt Ion:178 Resp: 260771

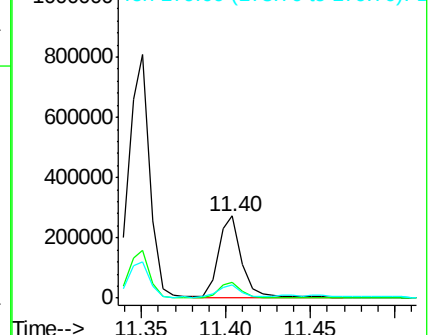
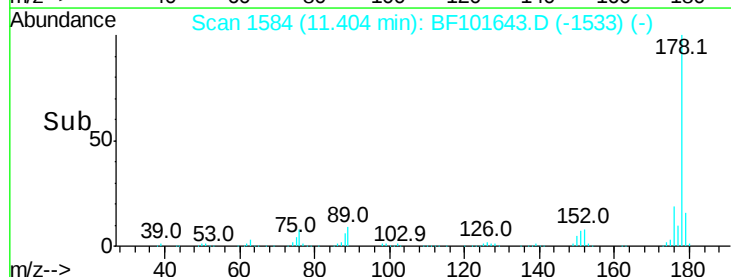
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.7	12.6	19.0

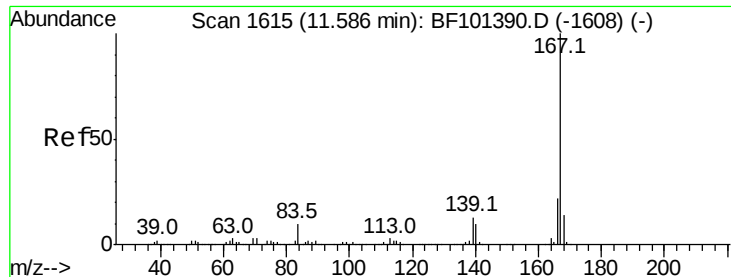


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.145 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampleId :

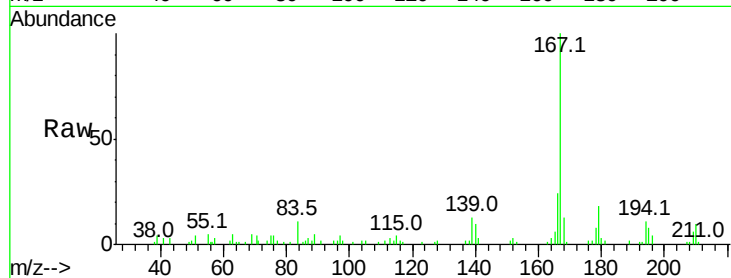
Tot Ion:167 Resp: 33924

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

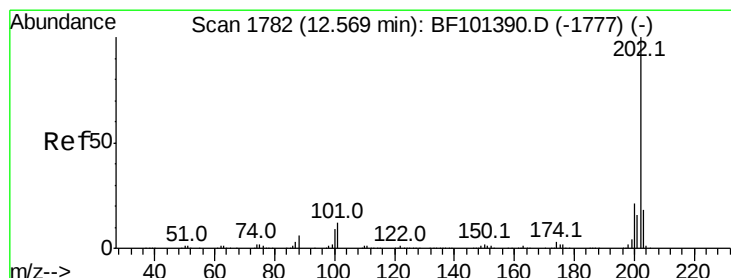
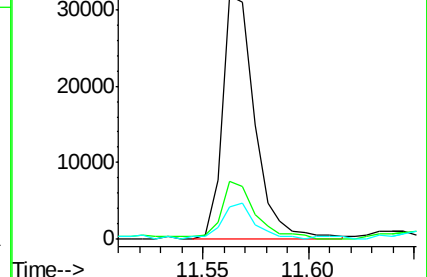
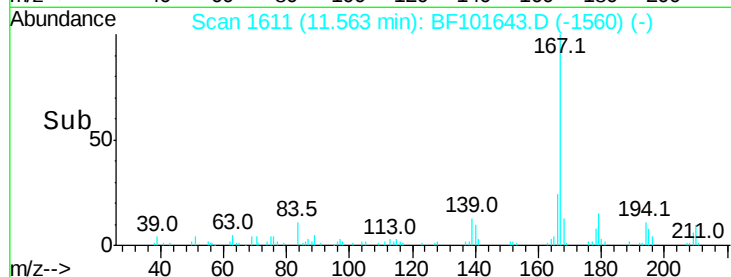
139 13.3 10.9 16.3



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: 41.008 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

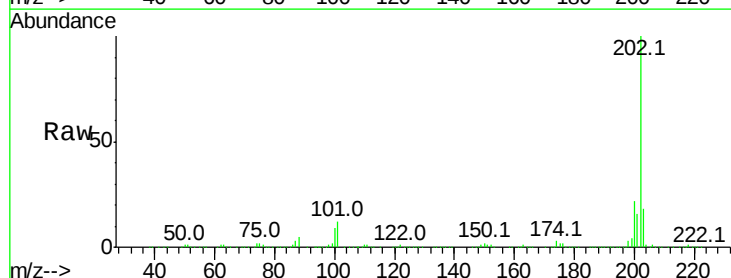
Tgt Ion:202 Resp: 711748

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

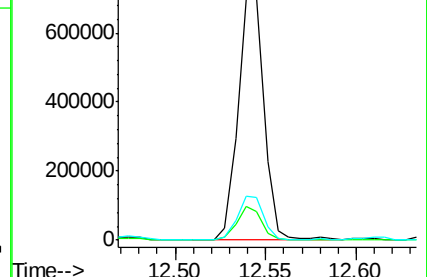
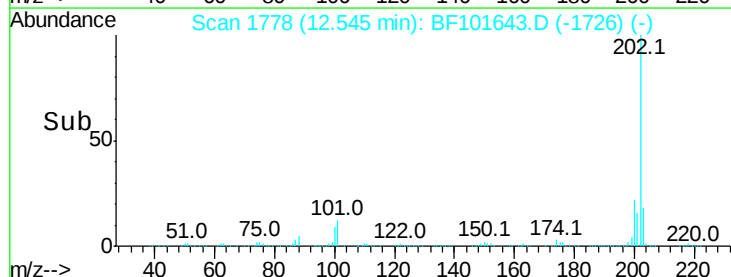
203 17.7 0.0 38.1

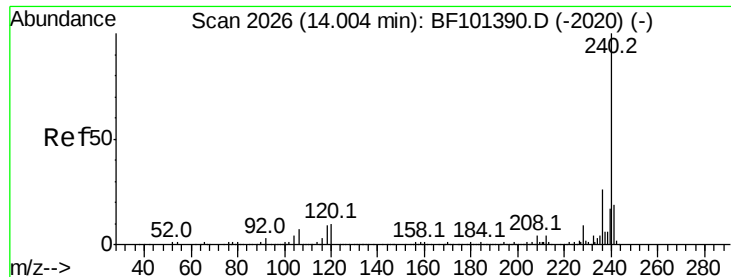


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampled :

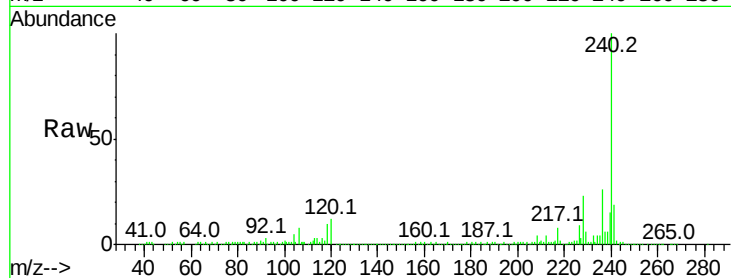
Tot Ion:240 Resp: 280196

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

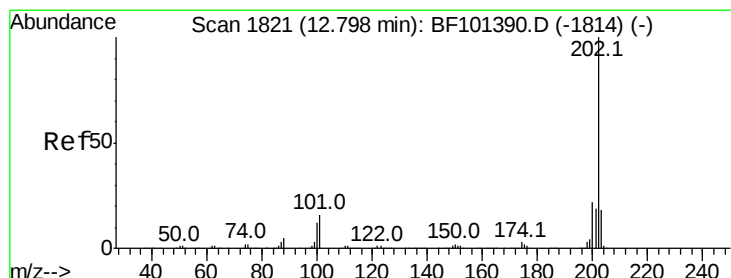
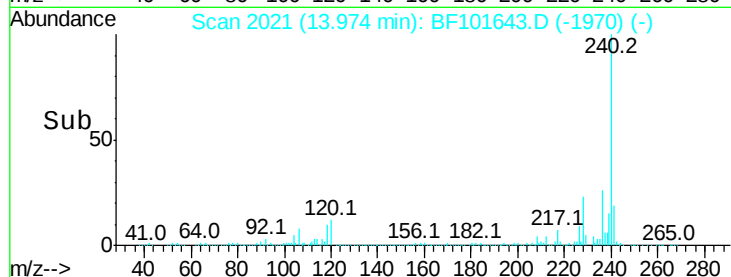
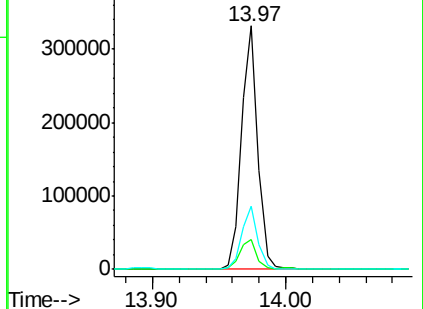
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.519 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

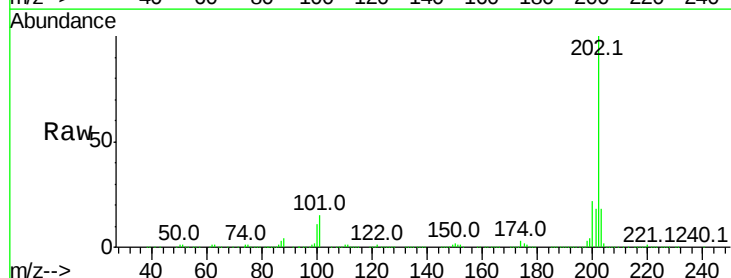
Tgt Ion:202 Resp: 831040

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

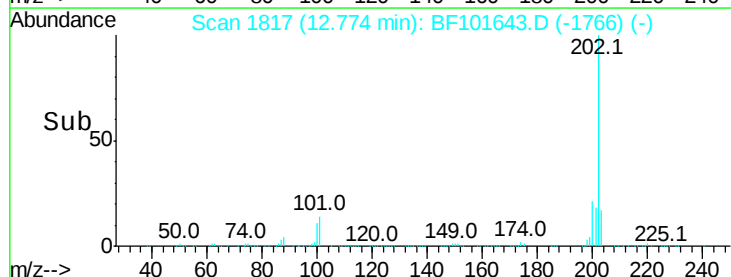
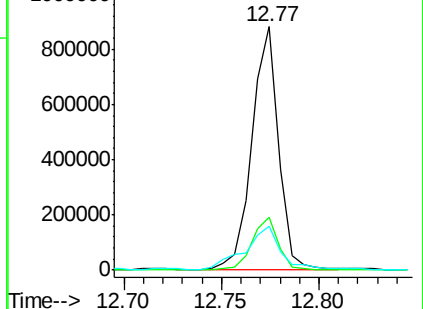
203 18.0 14.3 21.5

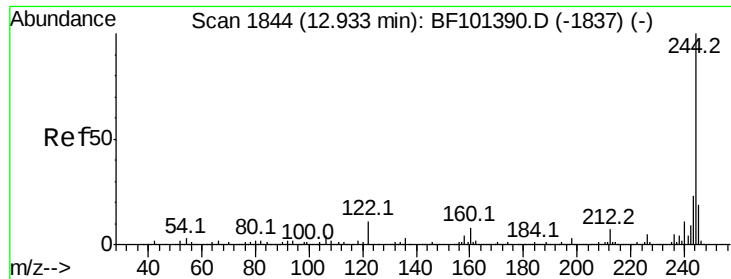


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 14.526 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampled :

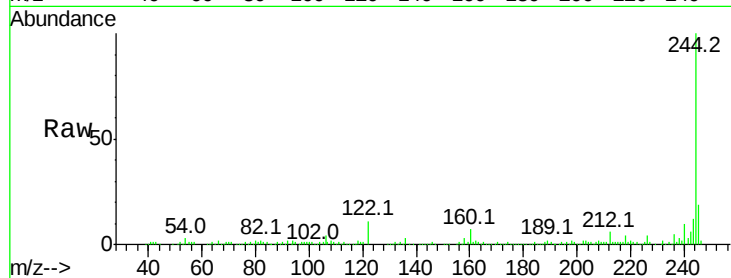
Tot Ion:244 Resp: 168835

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 11.3 11.0 16.4

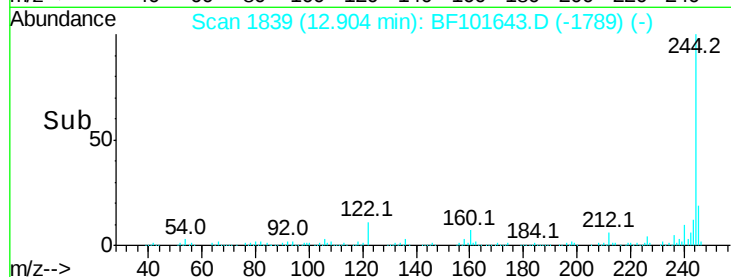


Abundance Ion 244.00 (243.70 to 244.70): E

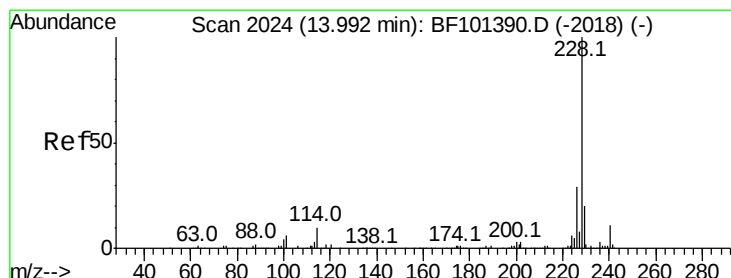
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 24.817 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

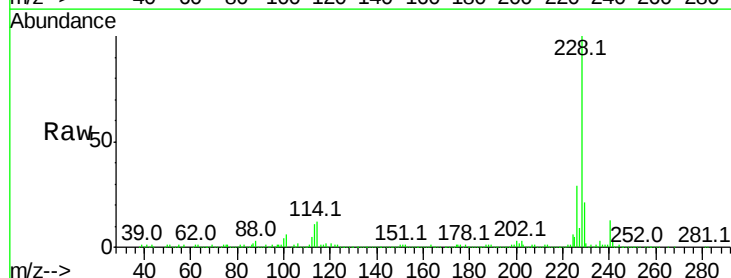
Tgt Ion:228 Resp: 459162

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

229 21.0 15.8 23.6

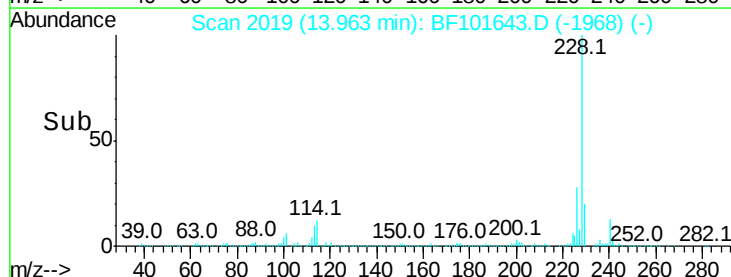


Abundance Ion 228.00 (227.70 to 228.70): E

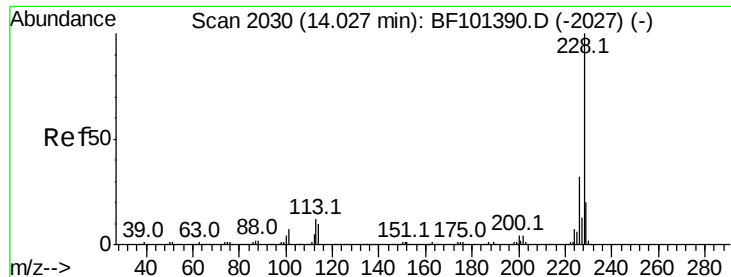
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



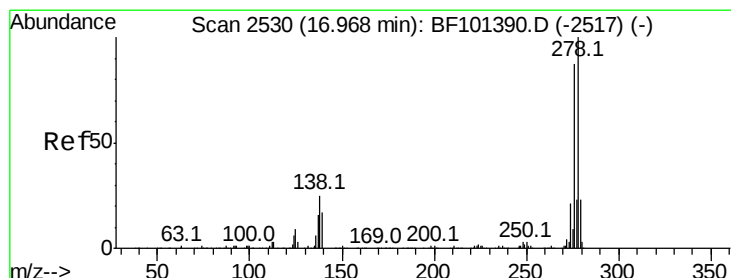
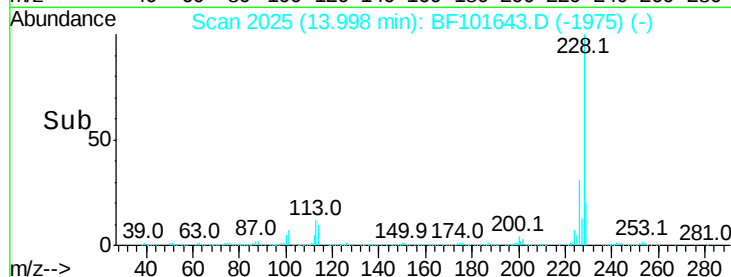
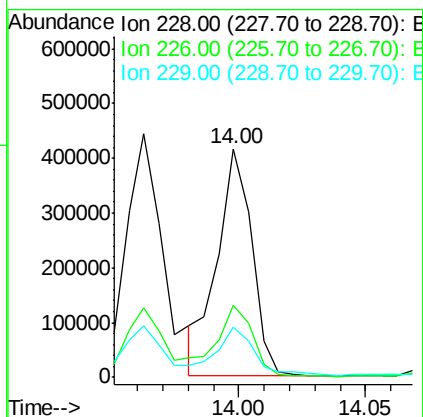
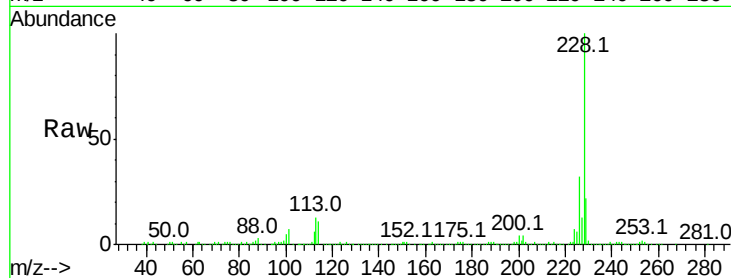
Time-->



#82
Chrysene
Concen: 22.632 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

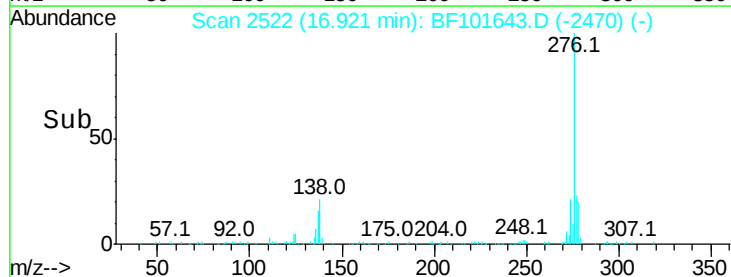
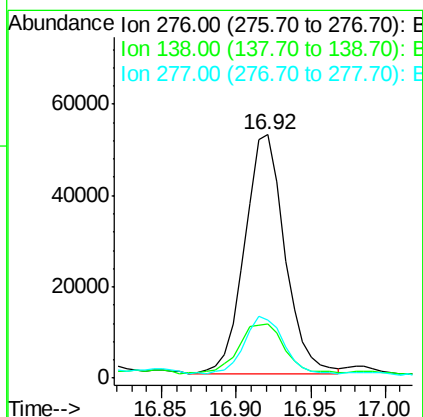
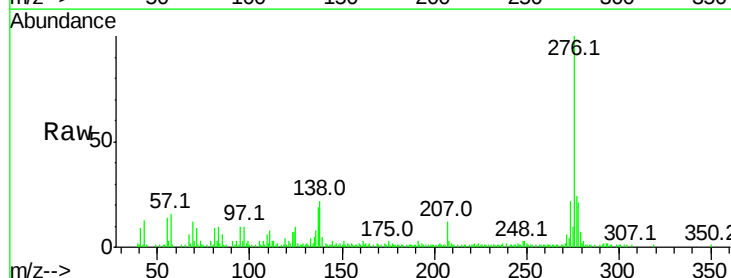
Instrument :
BNA_F
ClientSampleId :

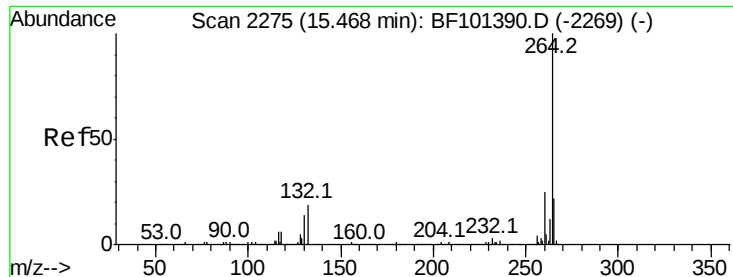
Tot Ion:228 Resp: 395363
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.6
229 21.9 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 6.279 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion:276 Resp: 97672
Ion Ratio Lower Upper
276 100
138 24.2 25.0 37.6#
277 23.4 20.1 30.1



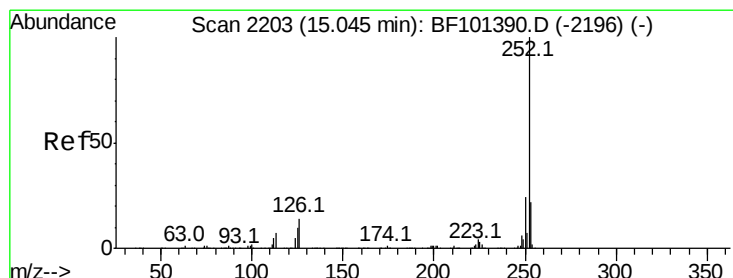
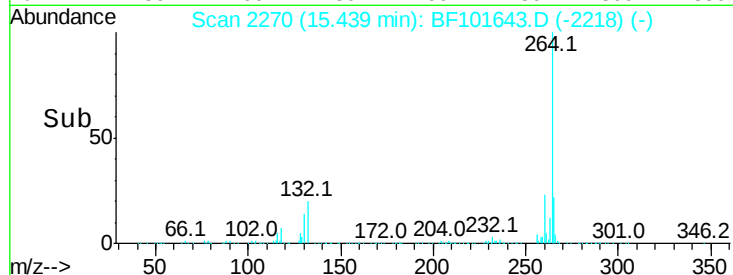
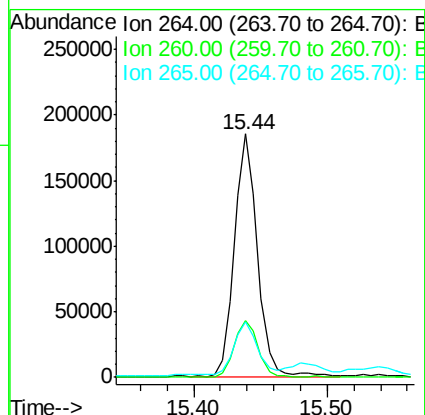
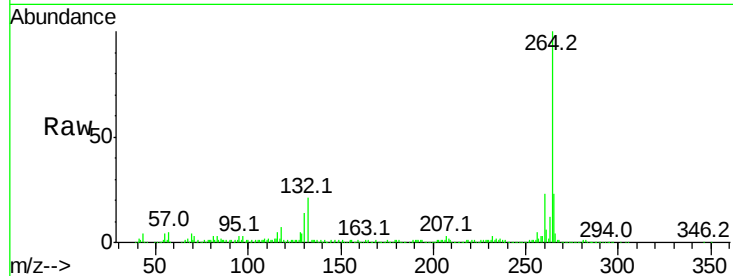


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 221725

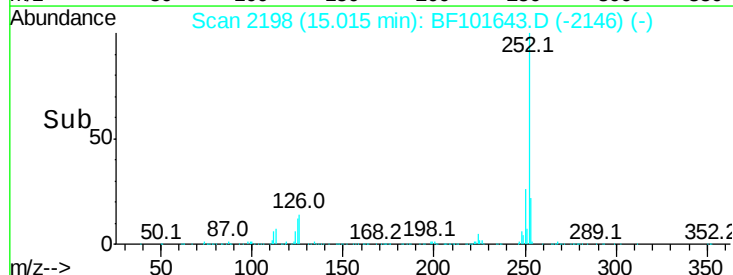
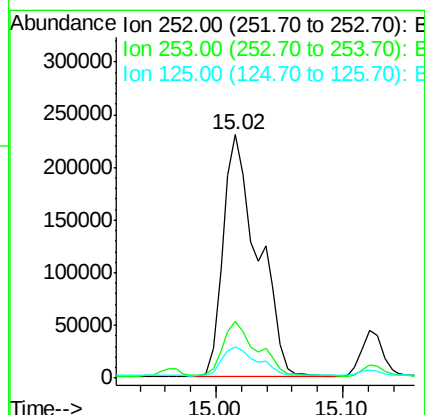
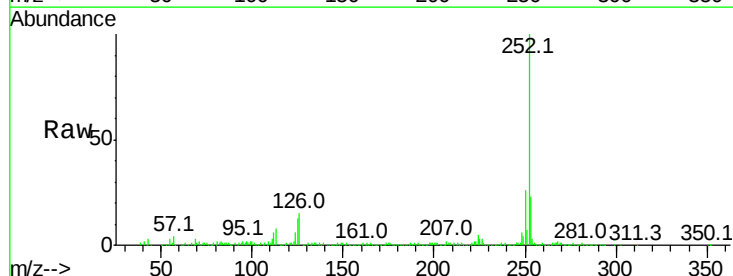
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.9	17.5	26.3

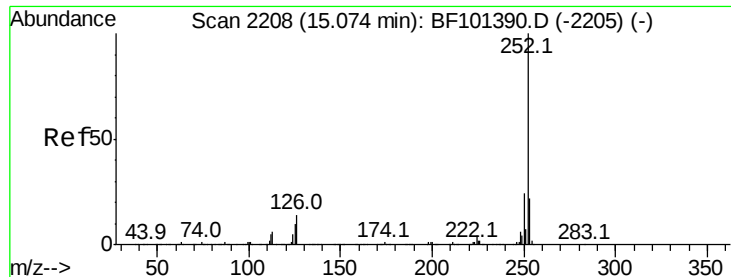


#87
Benzo(b)fluoranthene
Concen: 32.280 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion:252 Resp: 436248

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	13.0	9.0	13.6

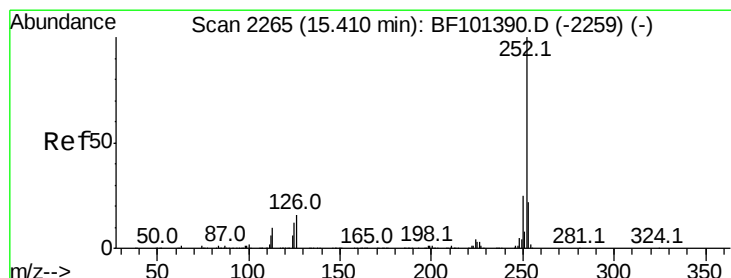
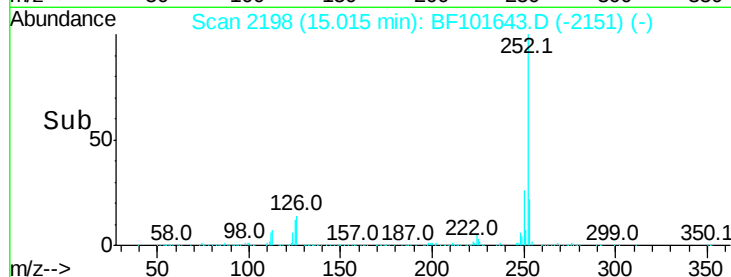
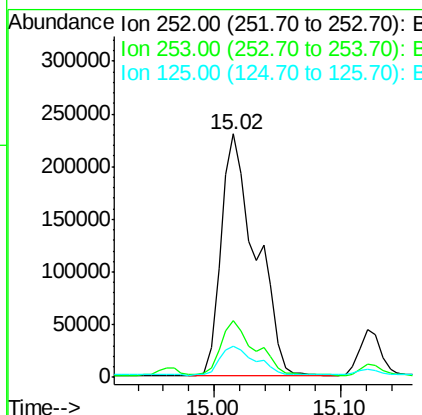
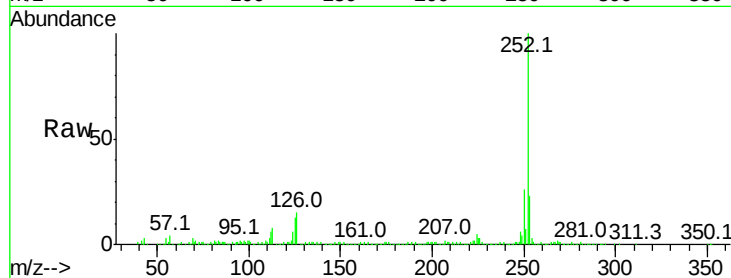




#88
Benzo(k)fluoranthene
Concen: 33.175 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

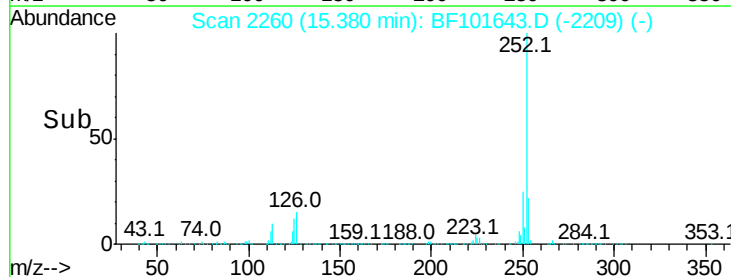
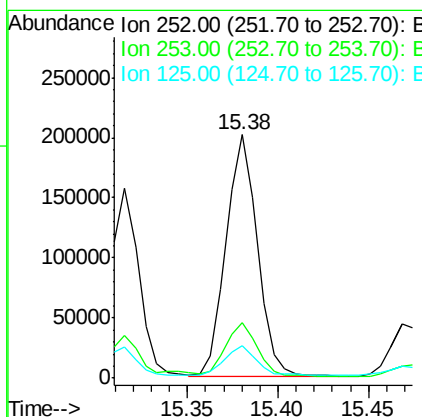
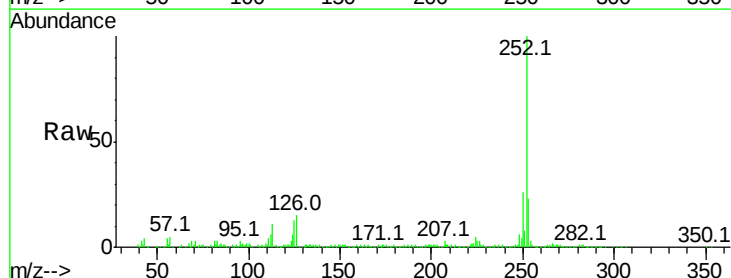
Instrument :
BNA_F
ClientSampleId :

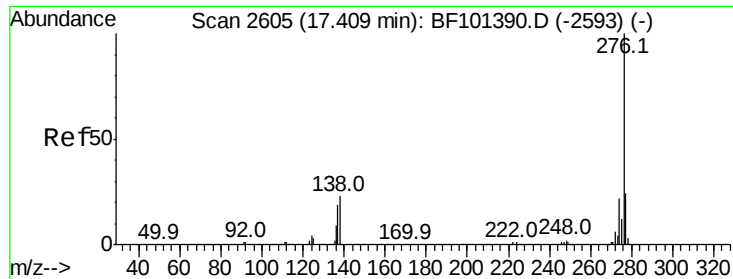
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.0	10.2	15.2



#89
Benzo(a)pyrene
Concen: 19.528 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101643.D
Acq: 22 Dec 2017 8:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.2	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 9.981 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF101643.D

Acq: 22 Dec 2017 8:55

Instrument :

BNA_F

ClientSampleId :

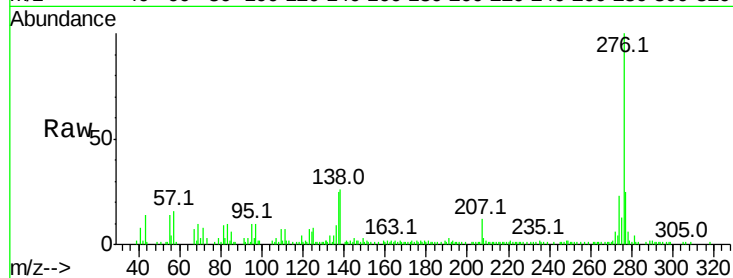
Tot Ion:276 Resp: 105714

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 25.6 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

