

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101993.D
 Acq On : 10 Jan 2018 21:43
 Operator : SJ/JU
 Sample : J1076-10 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Quant Time: Jan 11 01:56:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	217759	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834384	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	370302	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	546784	20.00	ng	0.00
75) Chrysene-d12	13.88	240	293131	20.00	ng	0.00
86) Perylene-d12	15.30	264	373369	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	7450	0.48	ng	0.00
7) Phenol-d6	6.35	99	9358	0.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	4852	0.34	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	1161	0.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	9781	0.41	ng	-0.01
78) Terphenyl-d14	12.83	244	8552	0.61	ng	0.00

Target Compounds

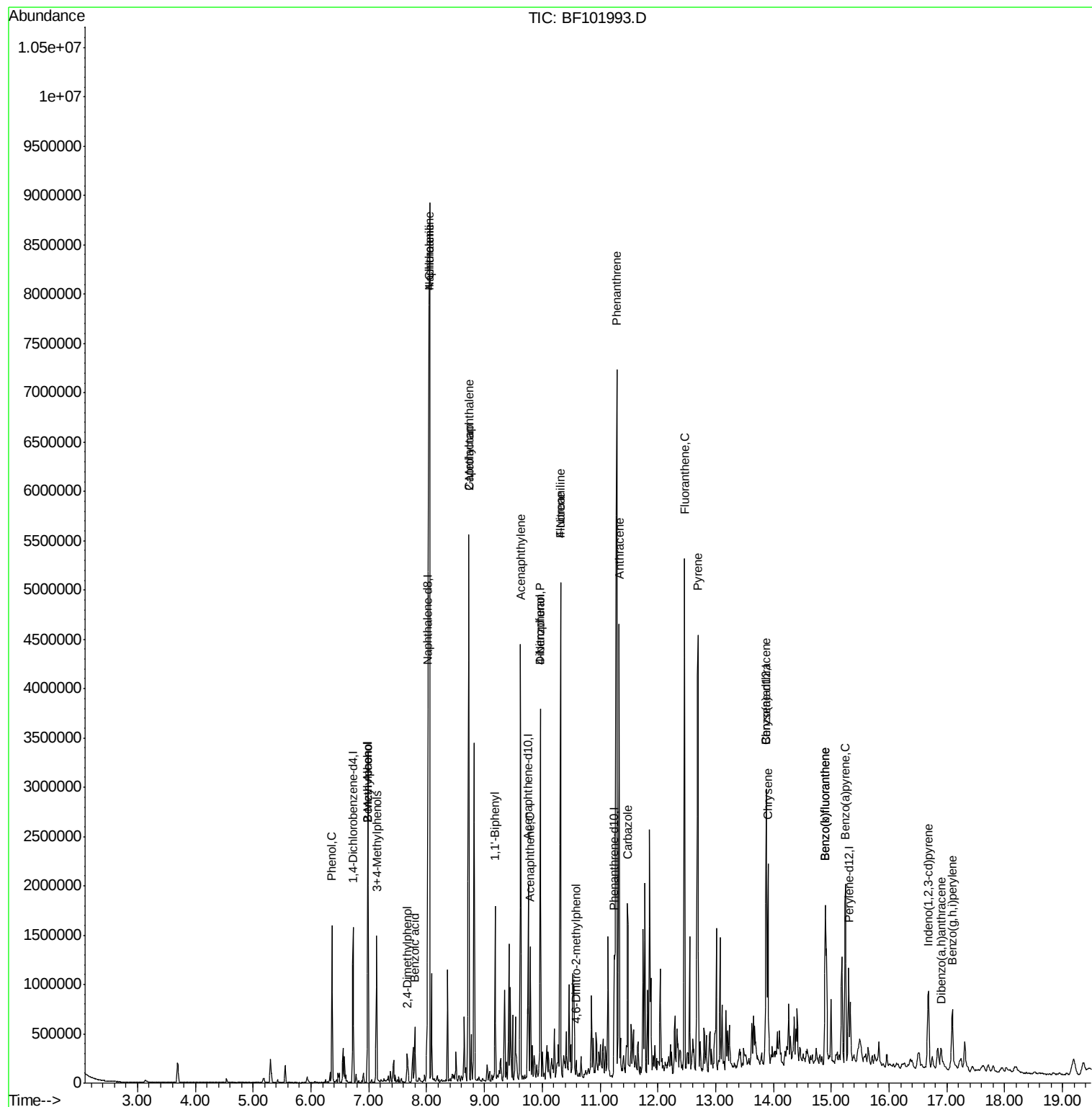
						Qvalue
10) Phenol	6.36	94	461865	22.213	ng	98
15) Benzyl Alcohol	6.97	79	41541	3.087	ng	# 1
17) 2-Methylphenol	6.97	107	101581	7.281	ng	98
20) 3+4-Methylphenols	7.13	107	317710	18.965	ng	87
27) 2,4-Dimethylphenol	7.66	122	72098	6.045	ng	99
31) Naphthalene	8.05	128	7528717	180.576	ng	98
32) Benzoic acid	7.80	122	62664	6.929	ng	# 14
33) 4-Chloroaniline	8.05	127	1081197	60.758	ng	# 36
35) Caprolactam	8.73	113	34915	8.981	ng	# 1
37) 2-Methylnaphthalene	8.73	142	1595748	58.138	ng	99
45) 1,1'-Biphenyl	9.19	154	487537	14.895	ng	97
48) Acenaphthylene	9.63	152	1856829	46.098	ng	99
51) Acenaphthene	9.79	154	243201	9.948	ng	99
54) Dibenzofuran	9.97	168	1351327	40.274	ng	97
55) 4-Nitrophenol	9.97	139	521521	93.448	ng	# 10
57) Fluorene	10.32	166	1526846	65.826	ng	99
61) 4-Nitroaniline	10.32	138	17258	2.428	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.57	198	133	5.702	ng	# 1
70) Phenanthrene	11.29	178	3898069	122.046	ng	98
71) Anthracene	11.33	178	1723273	53.200	ng	100
72) Carbazole	11.47	167	675280	21.209	ng	98
74) Fluoranthene	12.46	202	2409726	76.684	ng	100
77) Pyrene	12.69	202	1992529	76.899	ng	100
80) Benzo(a)anthracene	13.87	228	944411	50.496	ng	# 83
82) Chrysene	13.90	228	774213	39.700	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	476939	33.601	ng	98
87) Benzo(b)fluoranthene	14.90	252	1321137	54.267	ng	# 94
88) Benzo(k)fluoranthene	14.90	252	1321137	56.255	ng	97
89) Benzo(a)pyrene	15.24	252	818073	37.343	ng	96
90) Dibenzo(a,h)anthracene	16.90	278	112911	6.459	ng	94
91) Benzo(g,h,i)perylene	17.09	276	436861	24.807	ng	95

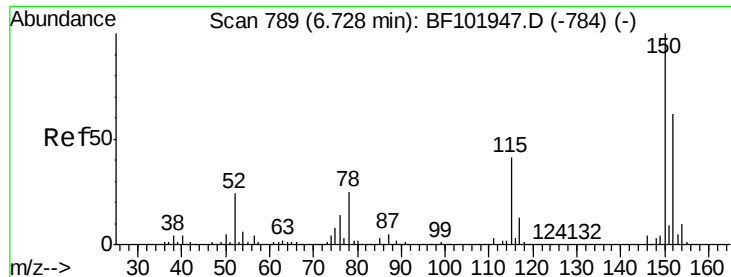
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101993.D
Acq On : 10 Jan 2018 21:43
Operator : SJ/JU
Sample : J1076-10 50X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Quant Time: Jan 11 01:56:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration



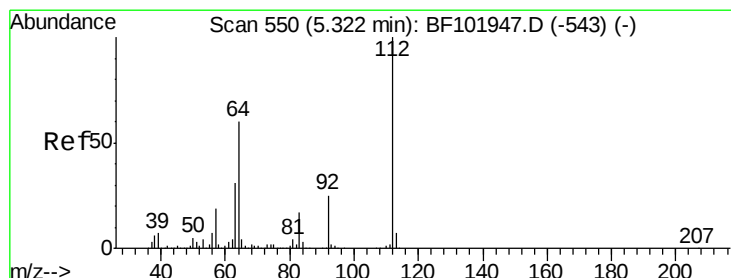
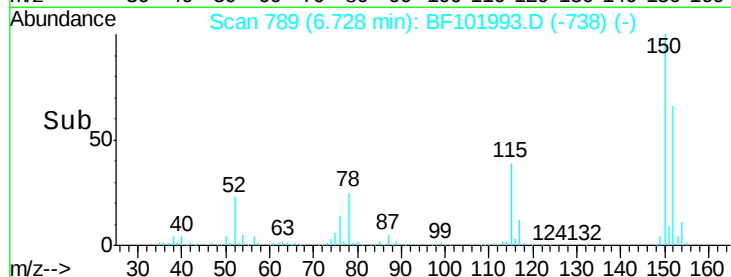
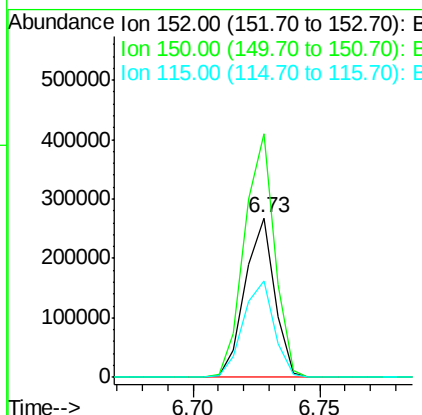
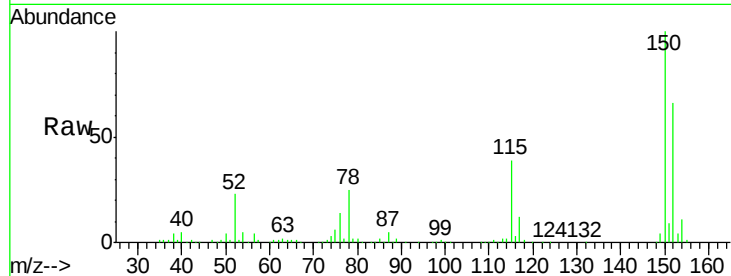


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Instrument :
BNA_F
ClientSampleId :
WC-43-02

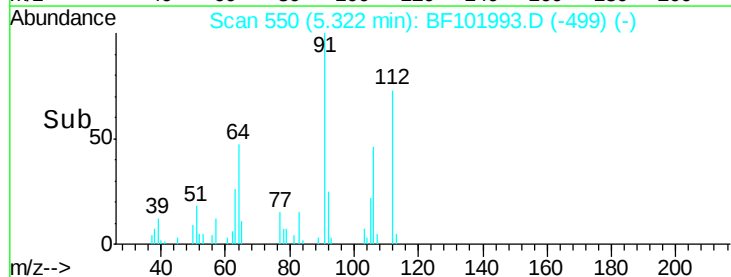
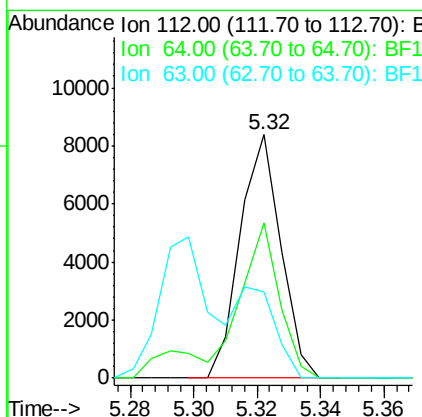
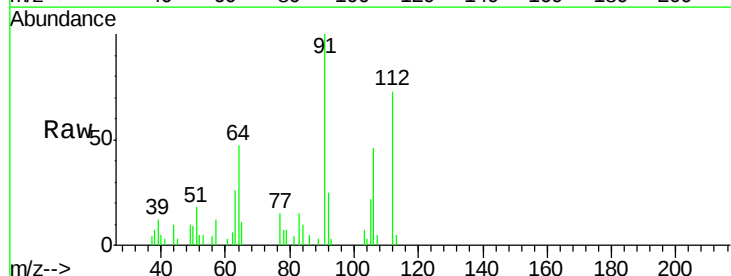
Tot Ion:152 Resp: 217759
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 60.2 50.1 75.1

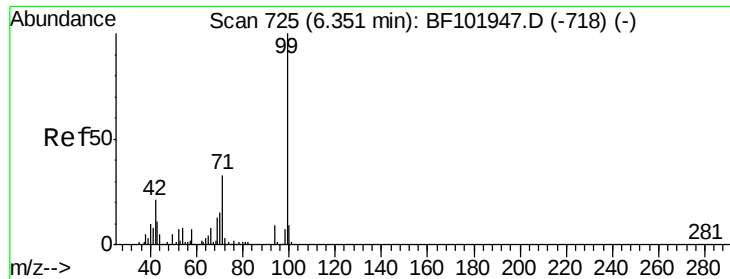


#5

2-Fluorophenol
Concen: 0.483 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:112 Resp: 7450
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 35.5 23.7 35.5





#7

Phenol-d6

Concen: 0.509 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

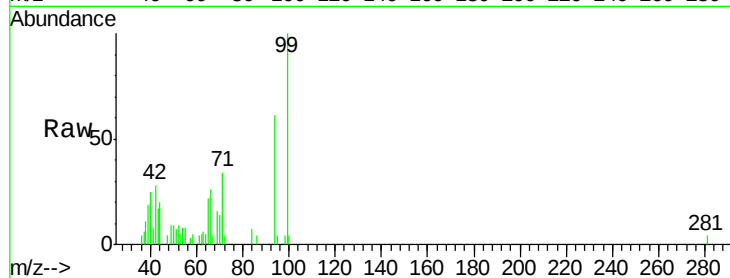
Tot Ion: 99 Resp: 9358

Ion Ratio Lower Upper

99 100

42 27.6 14.5 21.7#

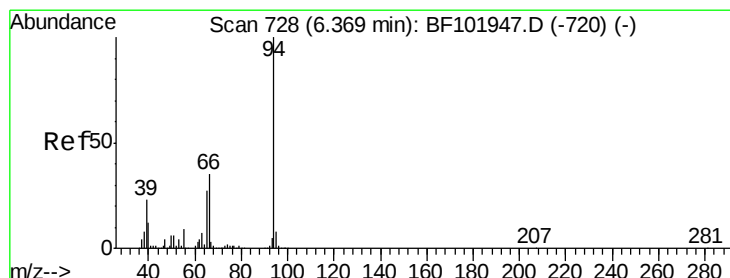
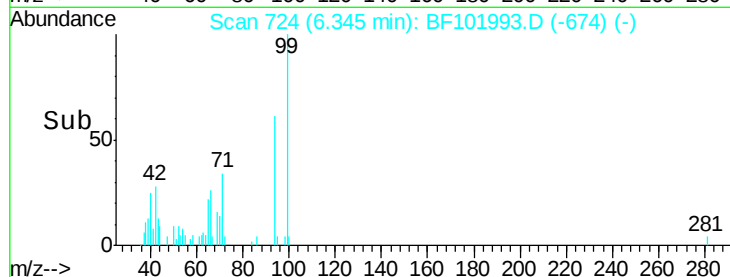
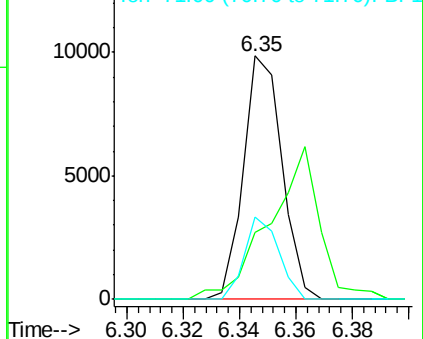
71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 22.213 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

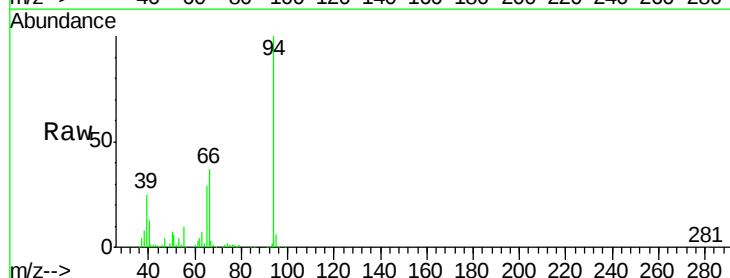
Tgt Ion: 94 Resp: 461865

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

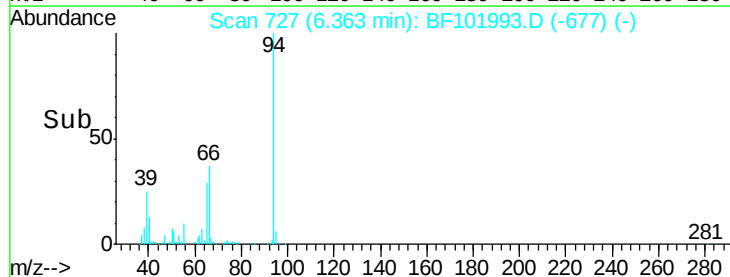
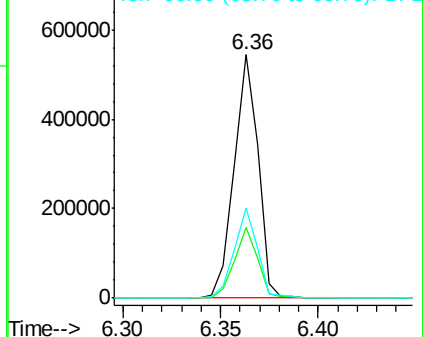
66 36.8 16.2 56.2

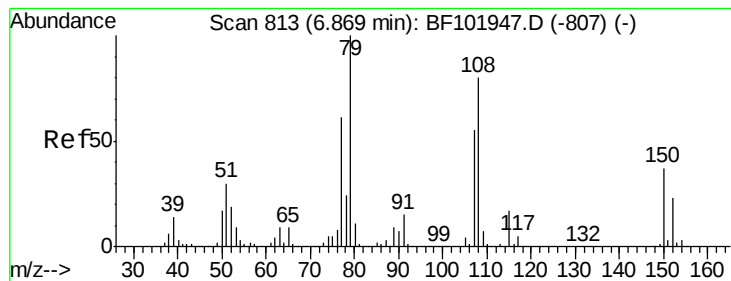


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 3.087 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.11 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

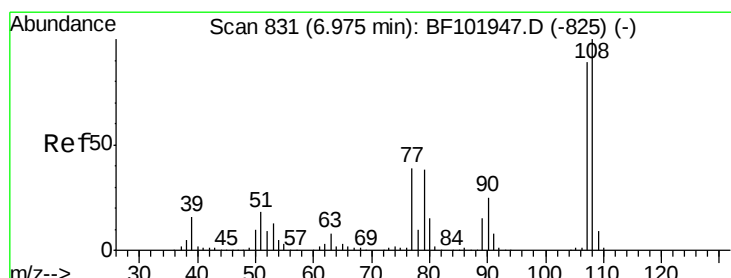
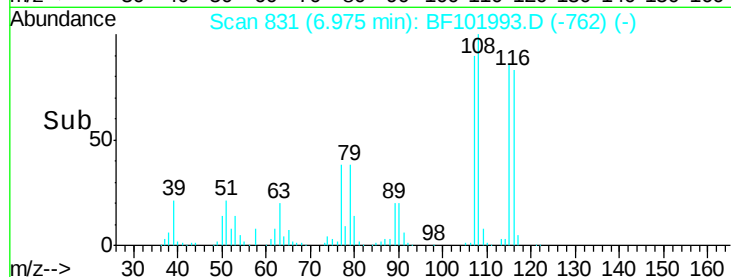
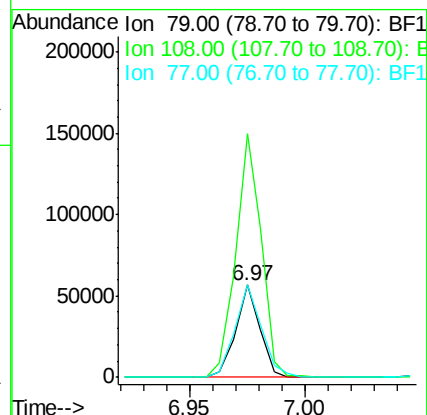
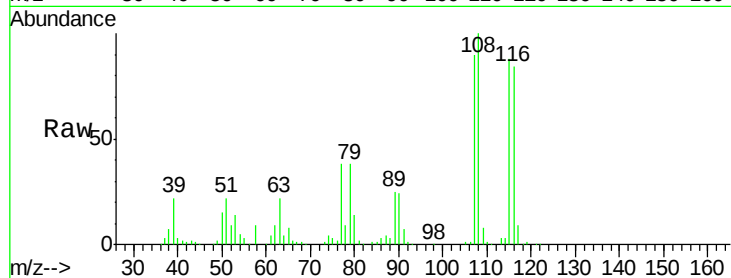
Tot Ion: 79 Resp: 41541

Ion Ratio Lower Upper

79 100

108 264.3 65.1 97.7#

77 100.4 50.6 75.8#



#17

2-Methylphenol

Concen: 7.281 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Tgt Ion: 107 Resp: 101581

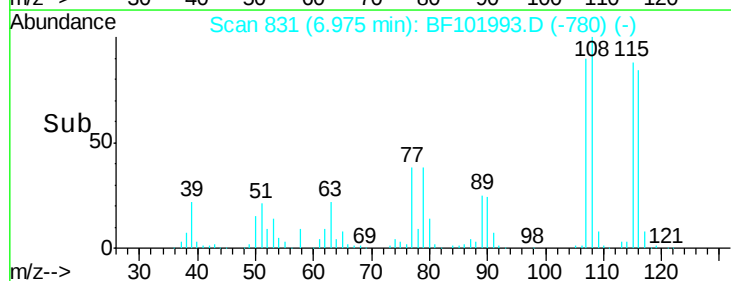
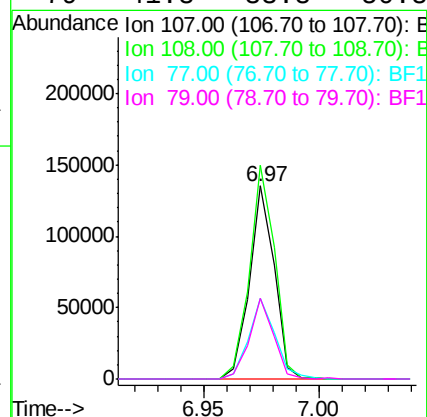
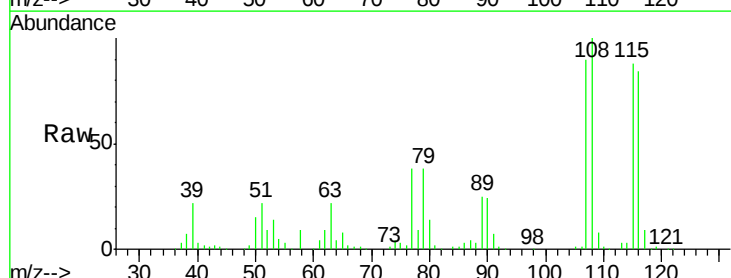
Ion Ratio Lower Upper

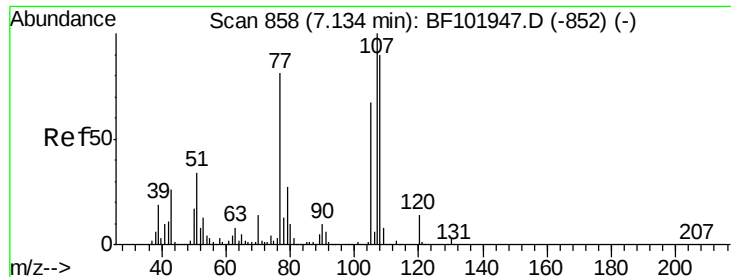
107 100

108 110.5 91.7 137.5

77 42.0 33.8 50.8

79 41.8 33.8 50.8

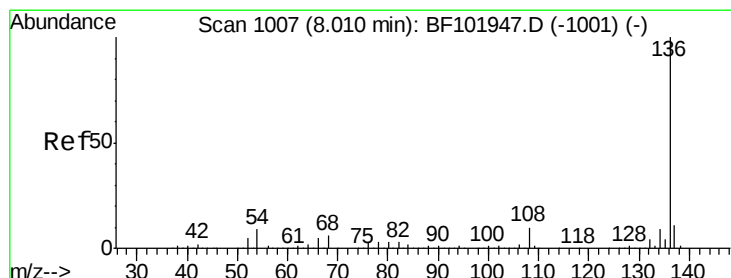
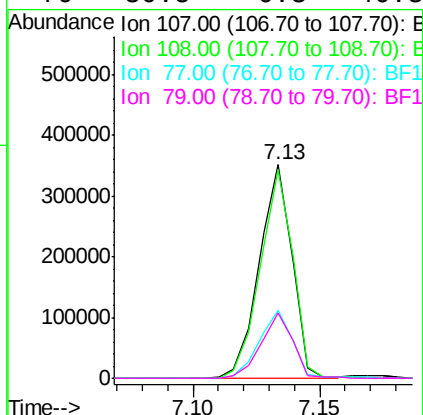
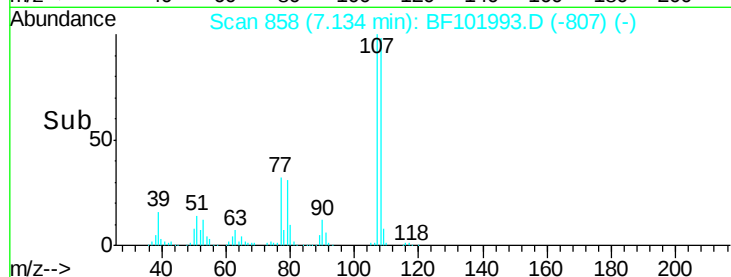
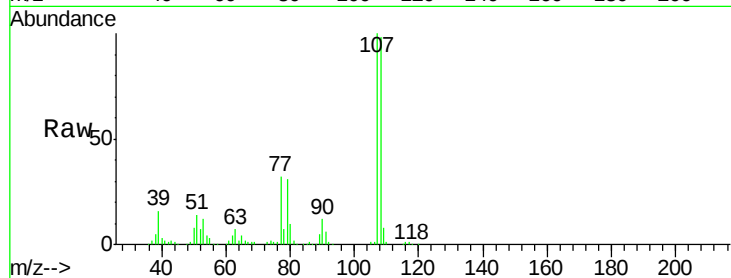




#20
3+4-Methylphenols
Concen: 18.965 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

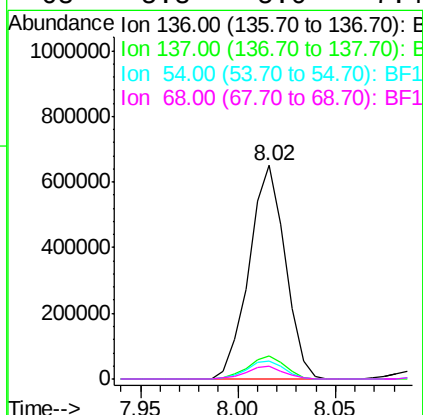
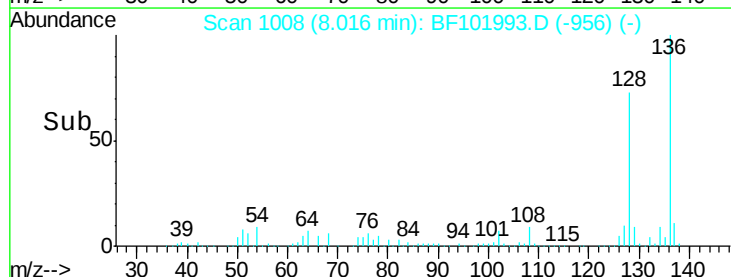
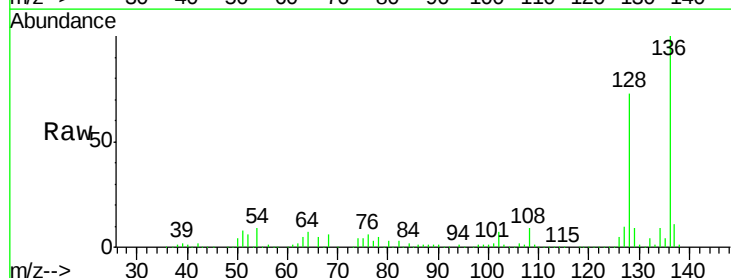
Instrument :
BNA_F
ClientSampled :
WC-43-02

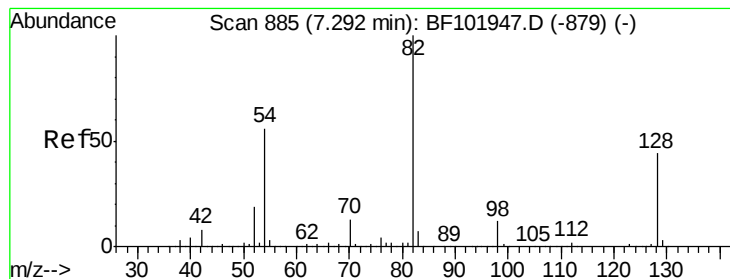
Tot Ion:107 Resp: 317710
Ion Ratio Lower Upper
107 100
108 97.9 68.2 108.2
77 32.1 26.7 66.7
79 30.5 6.3 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:136 Resp: 834384
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.6 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.342 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

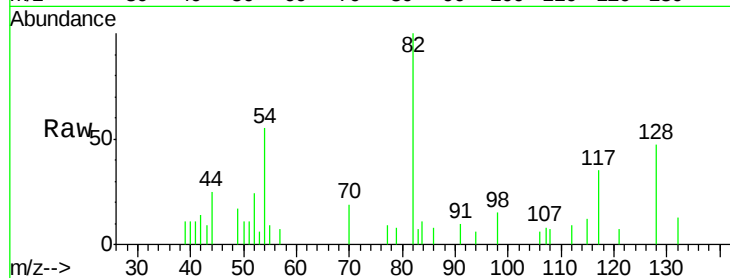
Tot Ion: 82 Resp: 4852

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

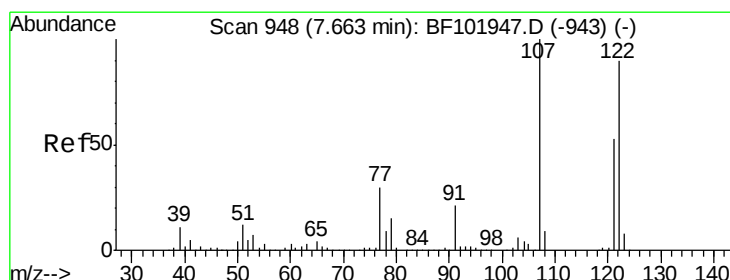
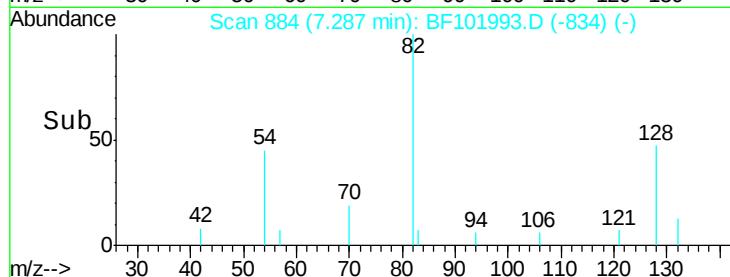
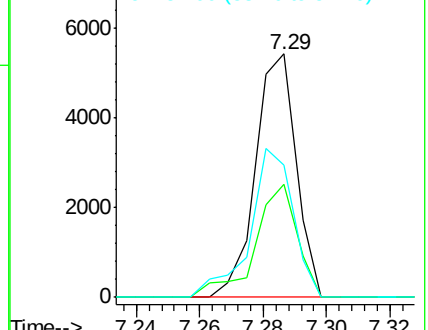
54 54.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#27

2,4-Dimethylphenol

Concen: 6.045 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

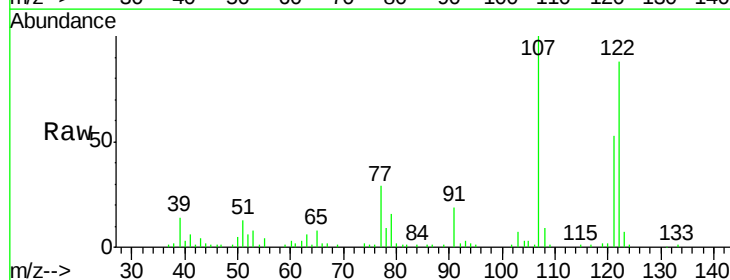
Tgt Ion:122 Resp: 72098

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

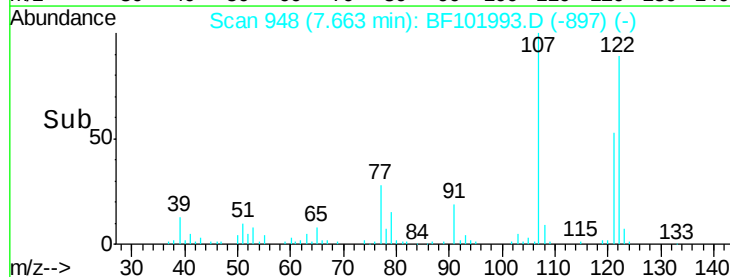
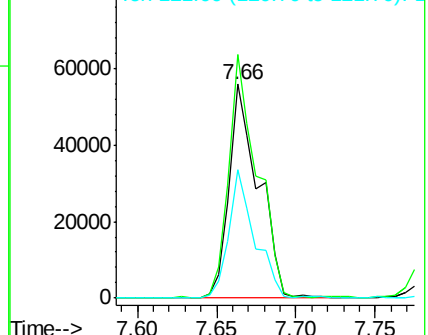
121 59.9 47.2 70.8

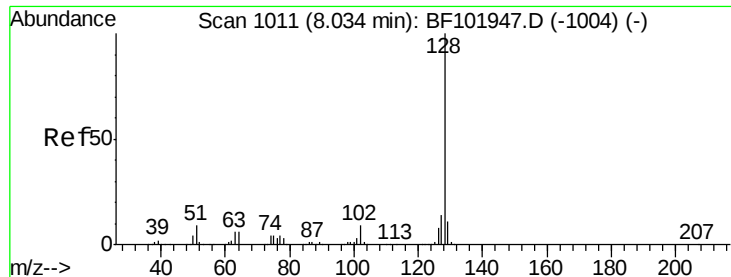


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1

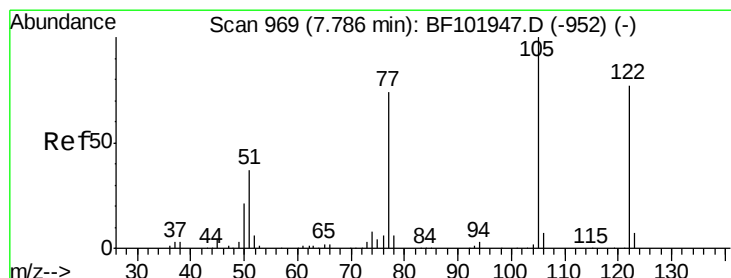
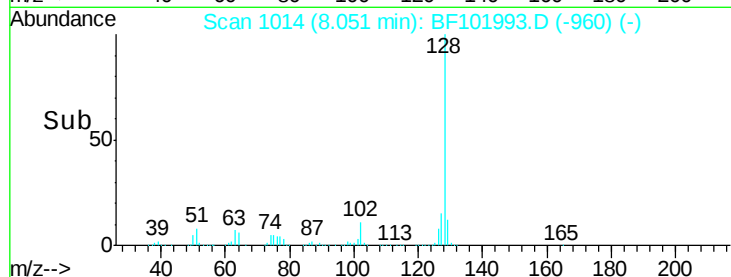
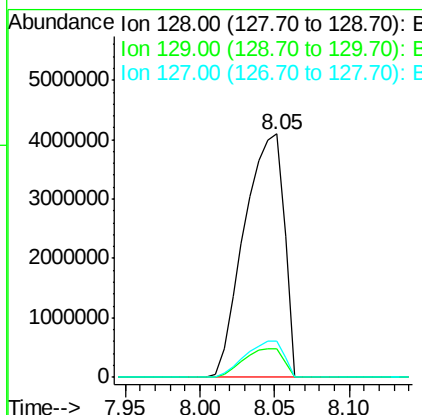
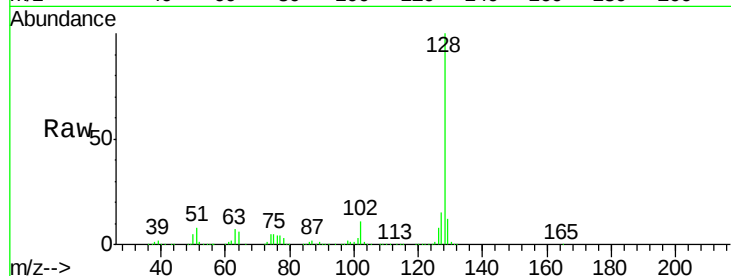




#31
Naphthalene
Concen: 180.576 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

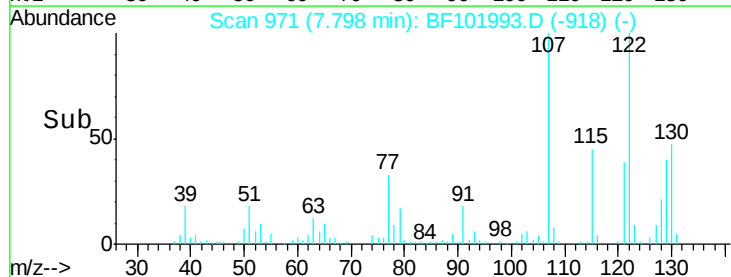
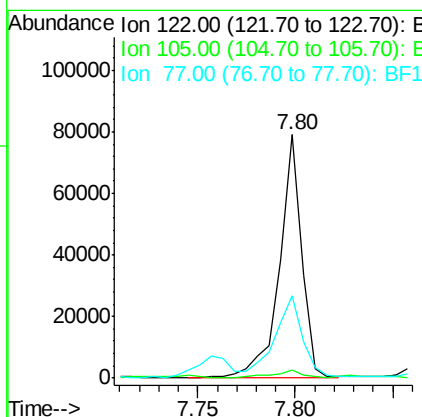
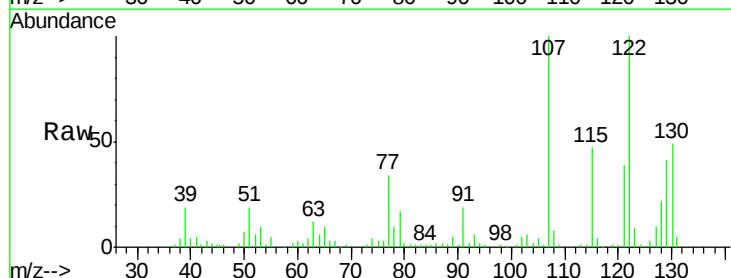
Instrument :
BNA_F
ClientSampleId :
WC-43-02

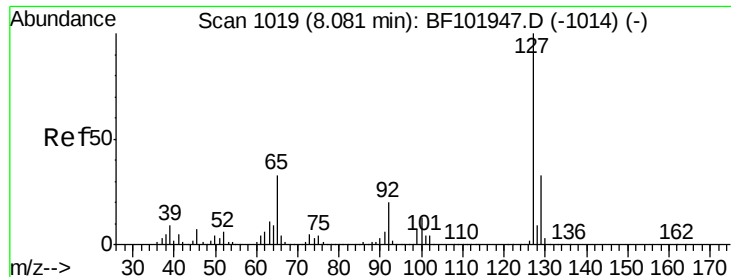
Tot Ion:128 Resp: 7528717
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.7 10.9 16.3



#32
Benzoic acid
Concen: 6.929 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:122 Resp: 62664
Ion Ratio Lower Upper
122 100
105 3.5 101.1 141.1#
77 33.6 70.7 110.7#

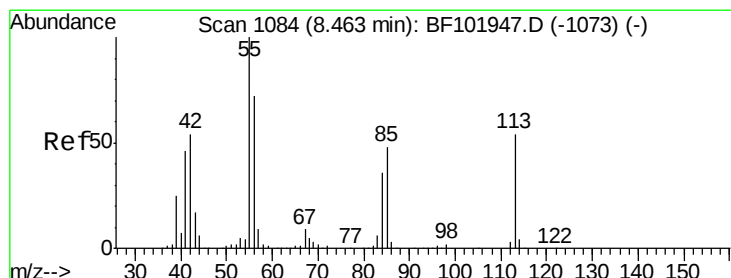
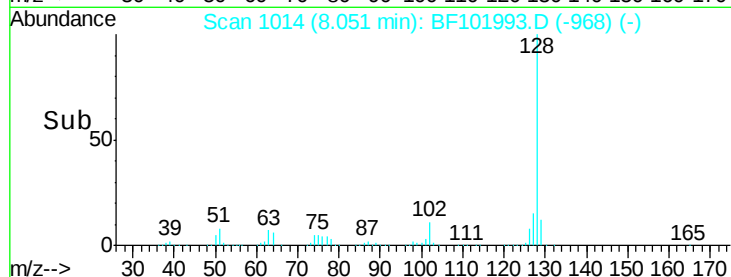
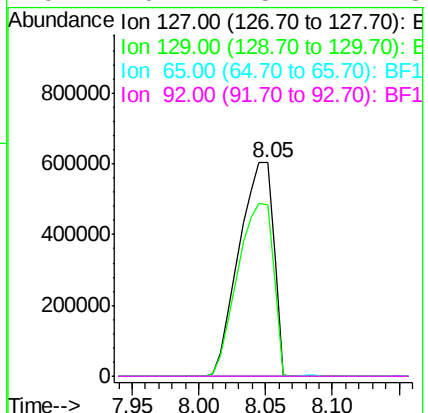
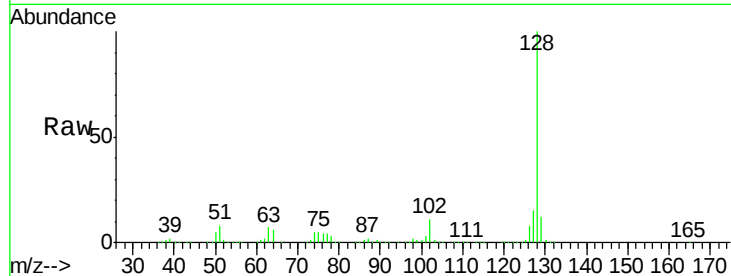




#33
4-Chloroaniline
Concen: 60.758 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.03 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

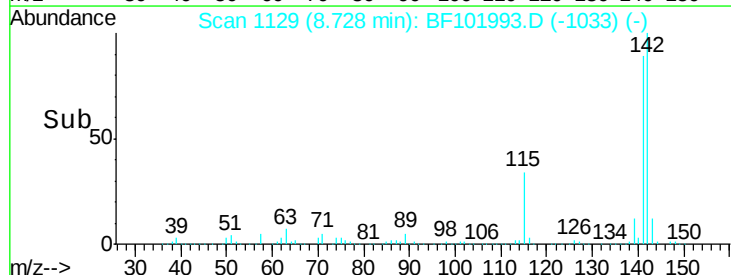
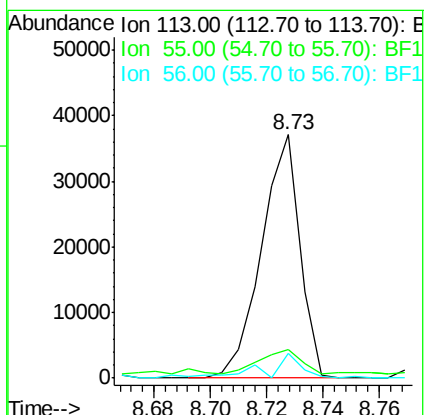
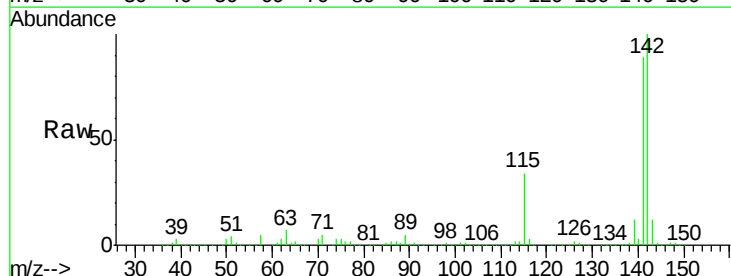
Instrument :
BNA_F
ClientSampleId :
WC-43-02

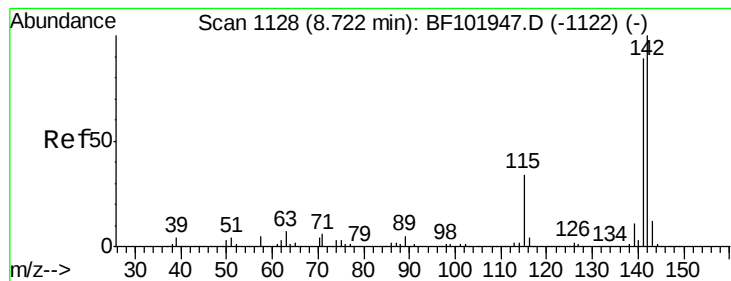
Tot Ion:127 Resp: 1081197
Ion Ratio Lower Upper
127 100
129 80.2 25.9 38.9#
65 0.0 25.0 37.4#
92 0.2 15.2 22.8#



#35
Caprolactam
Concen: 8.981 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.26 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:113 Resp: 34915
Ion Ratio Lower Upper
113 100
55 11.8 163.3 203.3#
56 10.3 115.7 155.7#

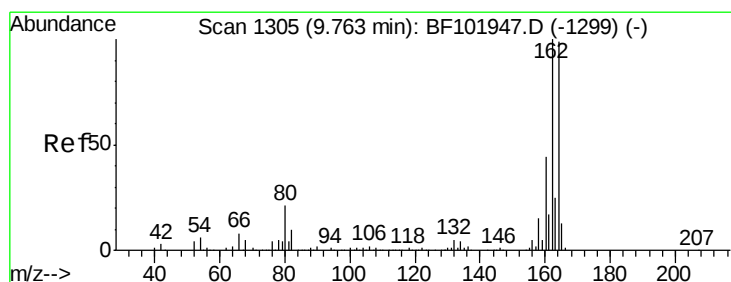
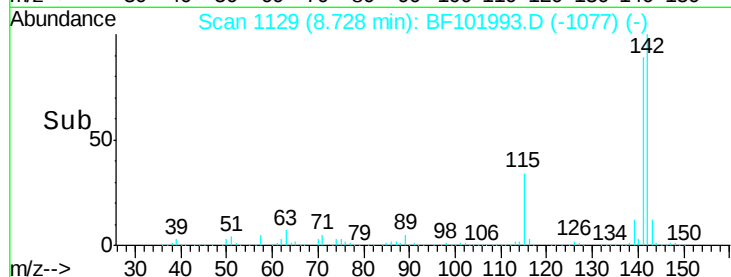
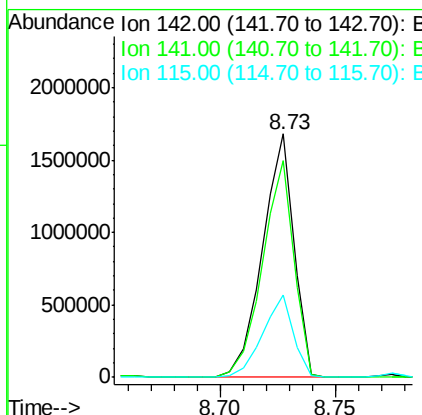
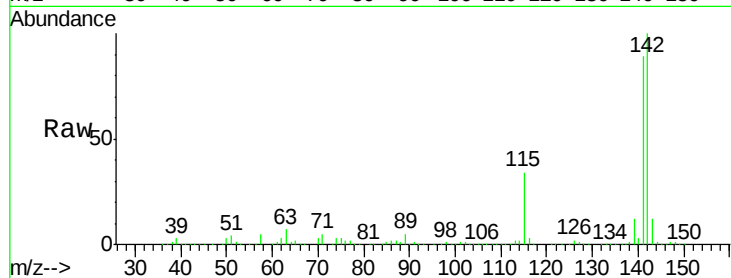




#37
2-Methylnaphthalene
Concen: 58.138 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

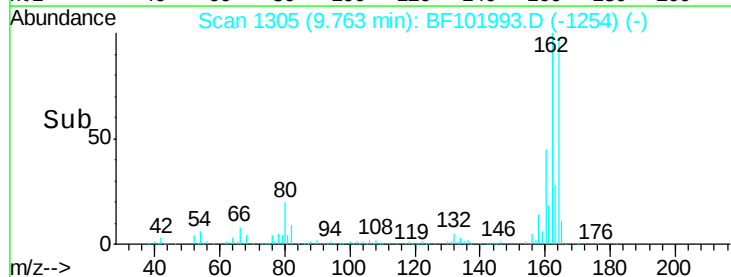
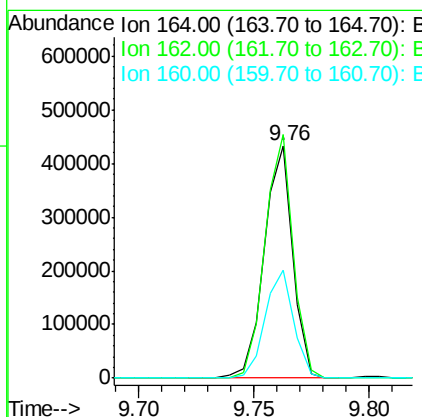
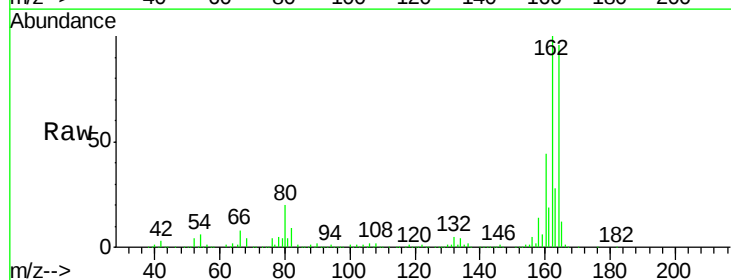
Instrument :
BNA_F
ClientSampleId :
WC-43-02

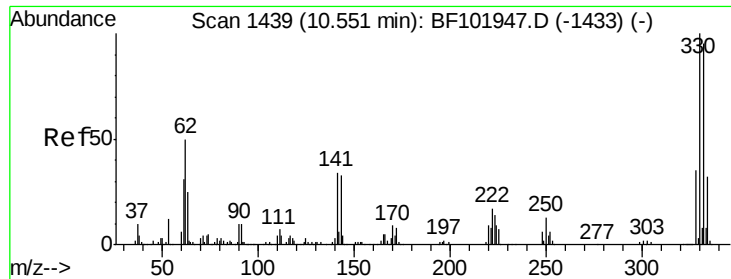
Tot Ion:142 Resp: 1595748
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:164 Resp: 370302
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 46.6 38.3 57.5

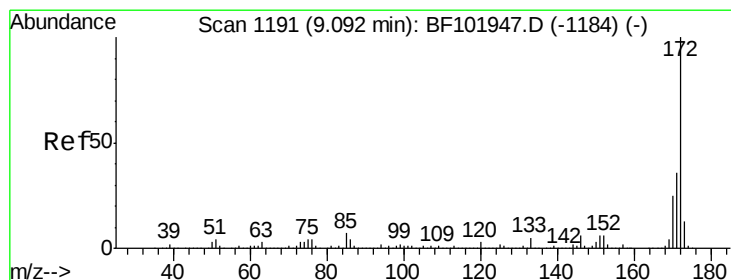
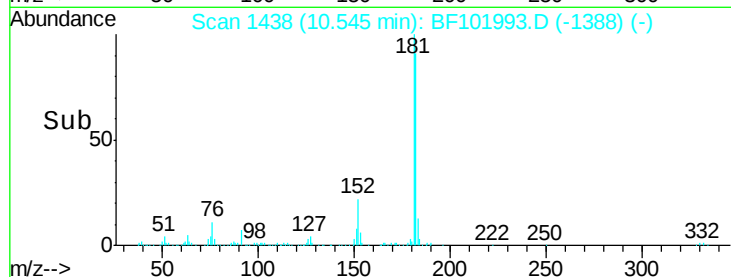
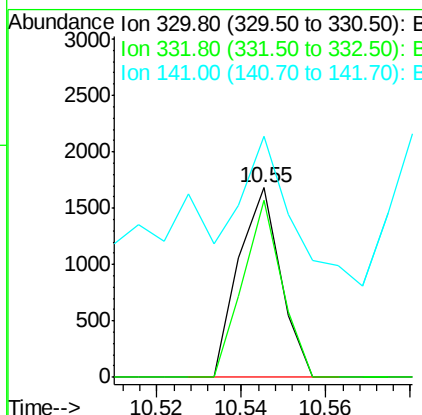
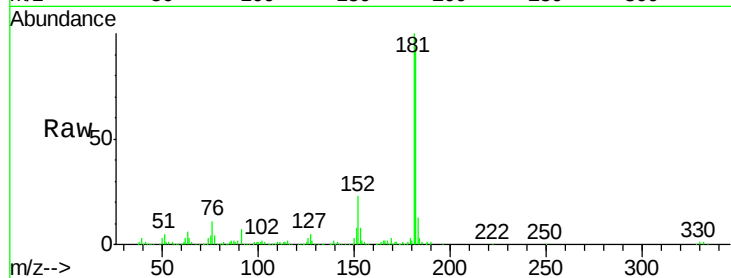




#41
 2,4,6-Tribromophenol
 Concen: 0.359 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

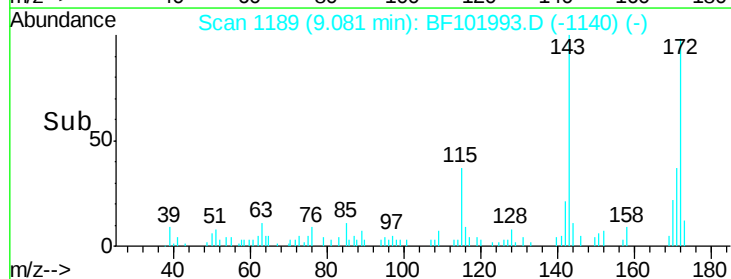
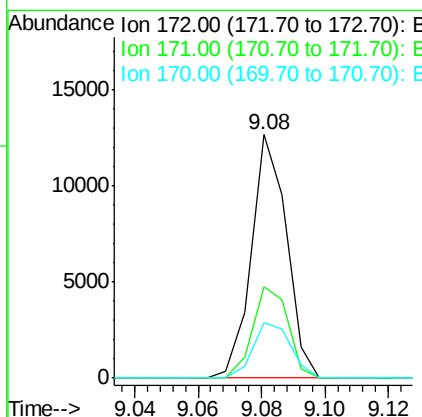
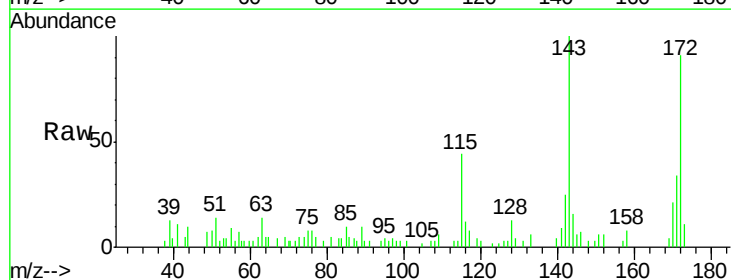
Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

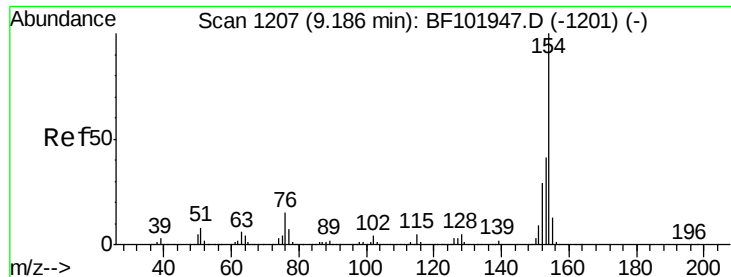
Tot Ion:330 Resp: 1161
 Ion Ratio Lower Upper
 330 100
 332 87.4 77.0 115.6
 141 100.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.413 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Tgt Ion:172 Resp: 9781
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 22.5 19.6 29.4





#45

1,1'-Biphenyl

Concen: 14.895 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

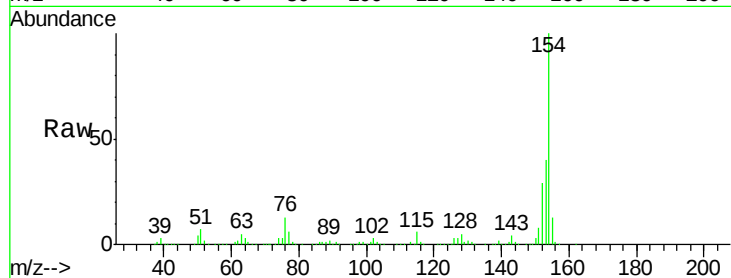
Tot Ion:154 Resp: 487537

Ion Ratio Lower Upper

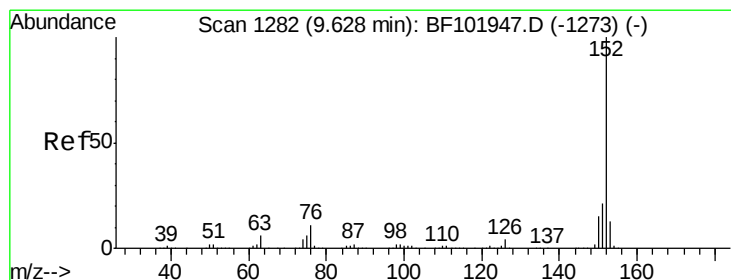
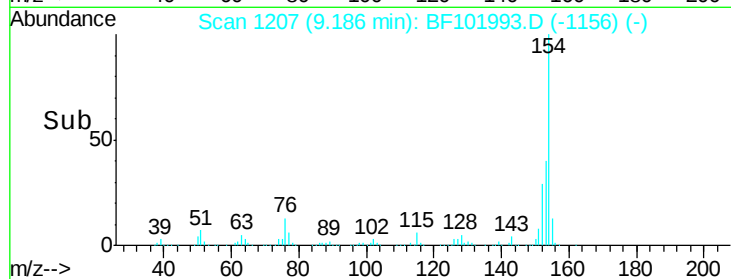
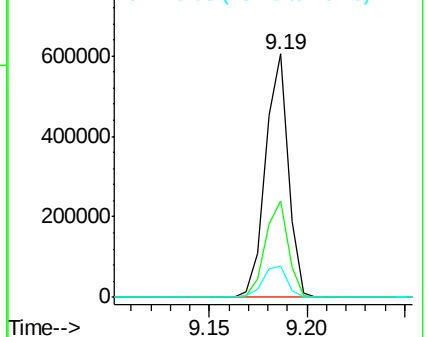
154 100

153 39.7 21.3 61.3

76 12.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 46.098 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

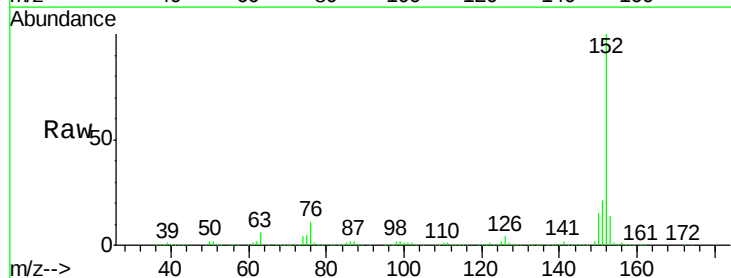
Tgt Ion:152 Resp: 1856829

Ion Ratio Lower Upper

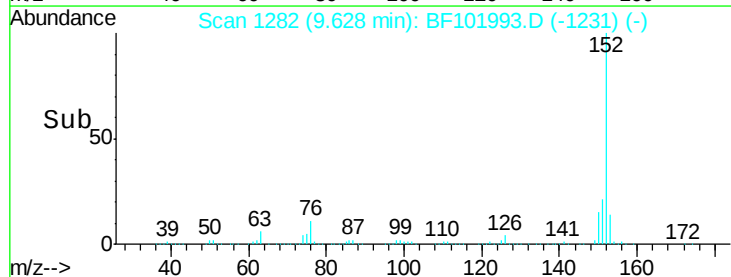
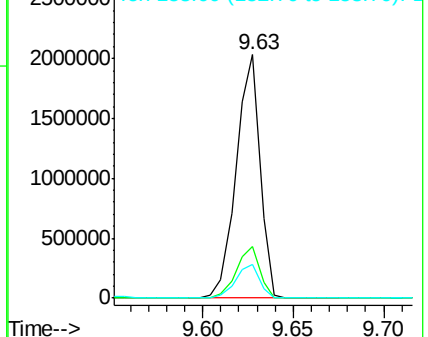
152 100

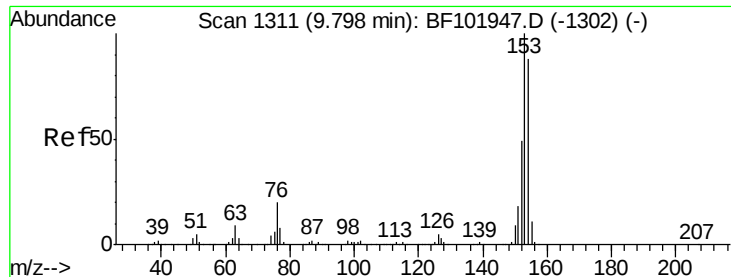
151 21.1 16.3 24.5

153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 9.948 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

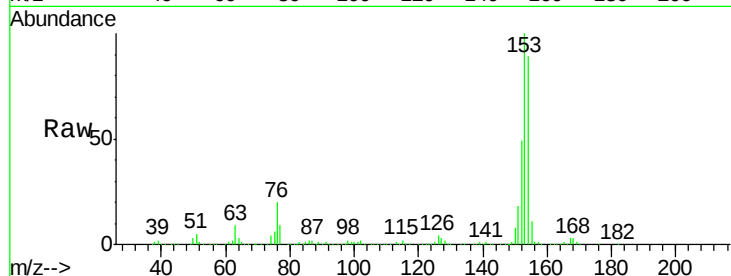
Tot Ion:154 Resp: 243201

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

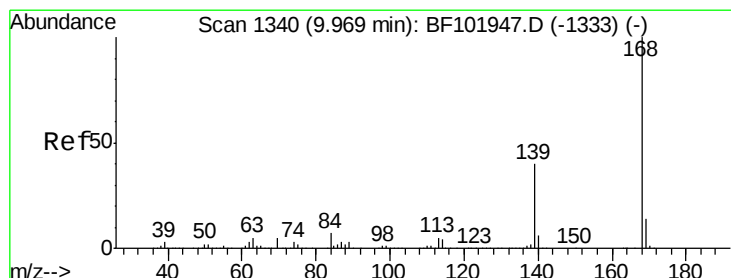
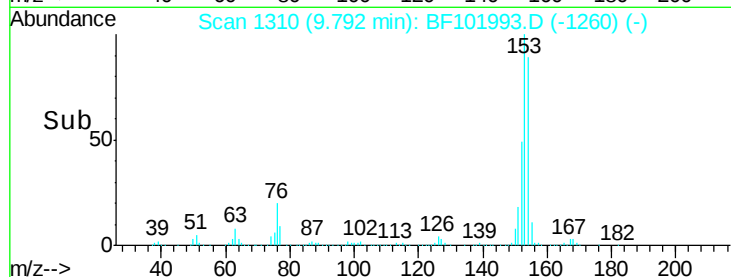
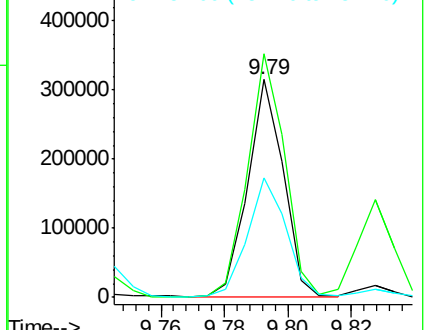
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 40.274 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

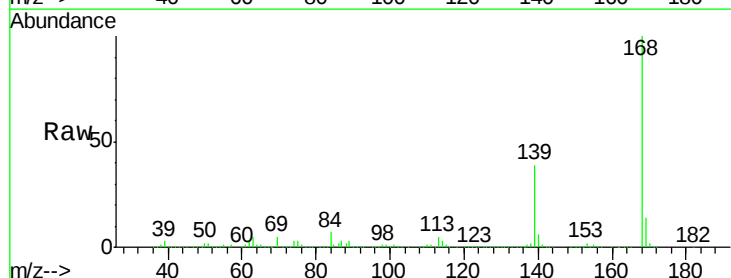
Tgt Ion:168 Resp: 1351327

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

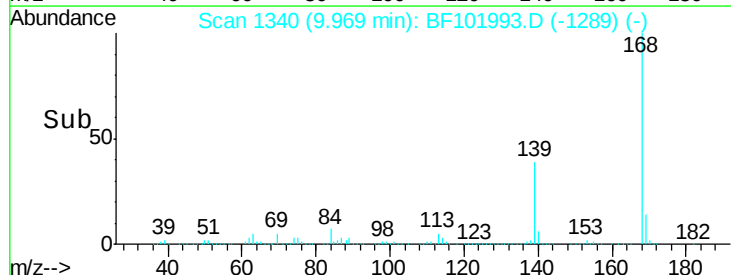
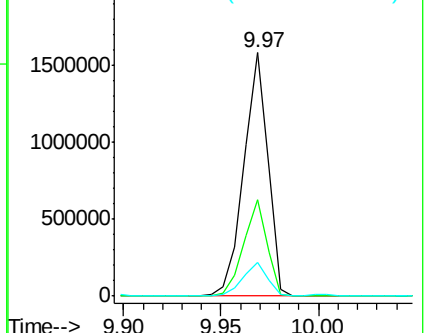
169 14.1 10.9 16.3

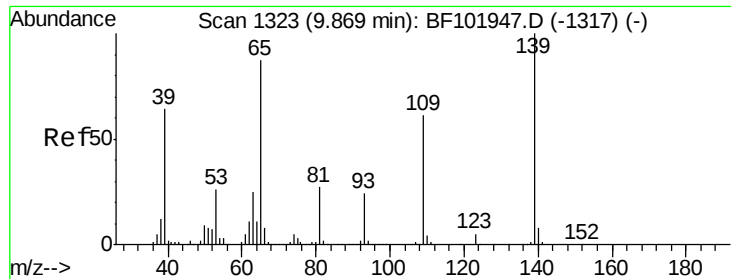


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

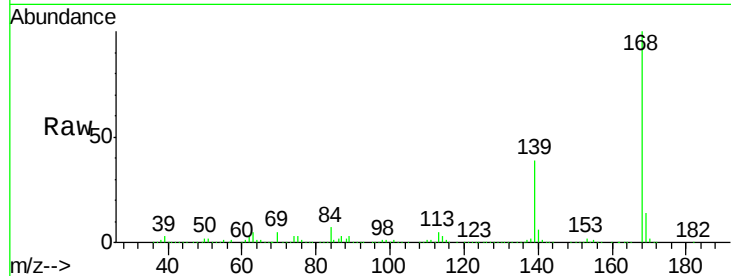




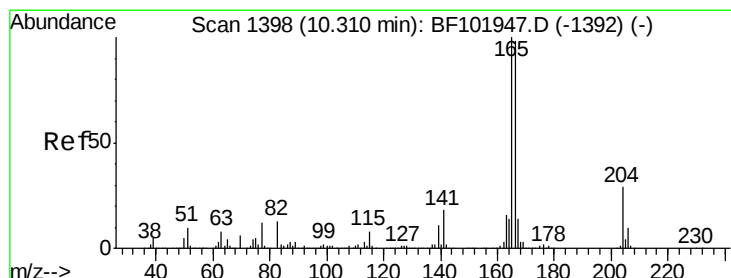
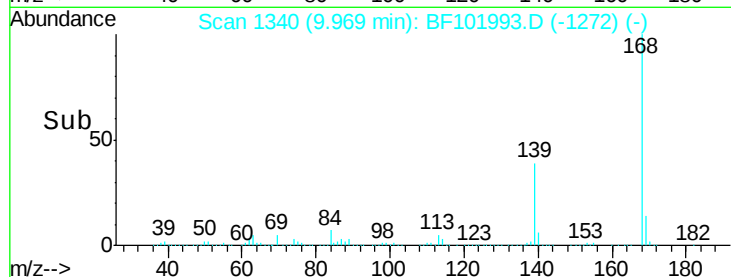
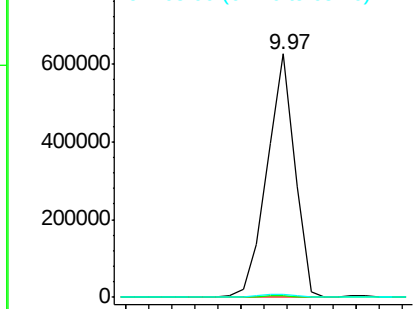
#55
4-Nitrophenol
Concen: 93.448 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.10 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Tot Ion:139 Resp: 521521
Ion Ratio Lower Upper
139 100
109 0.7 48.4 88.4#
65 1.4 72.6 112.6#

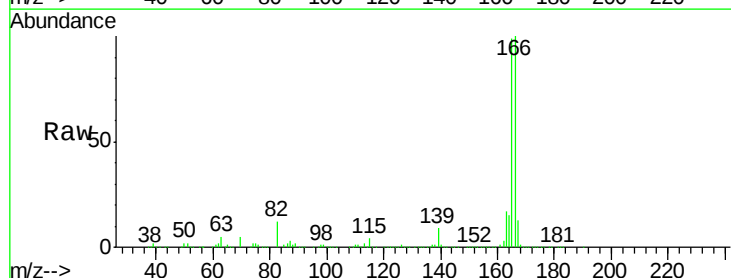


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

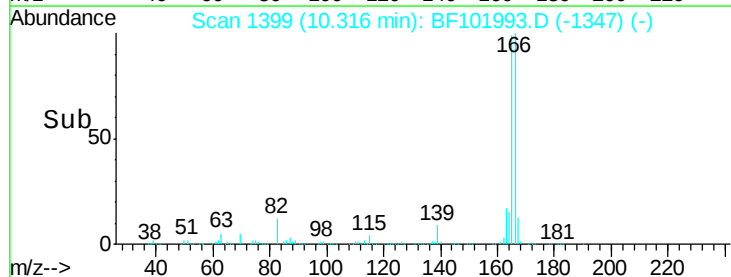
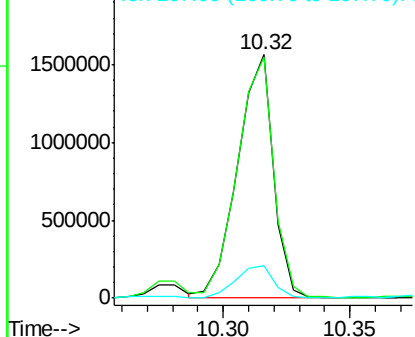


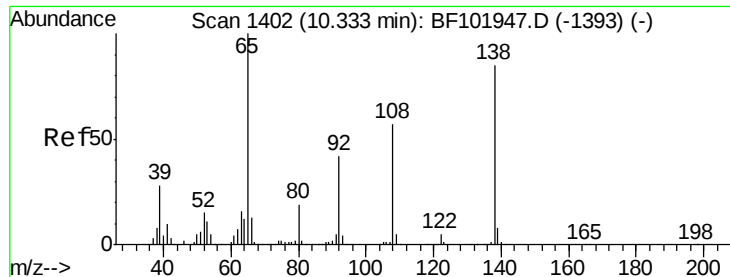
#57
Fluorene
Concen: 65.826 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:166 Resp: 1526846
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.8
167 13.4 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

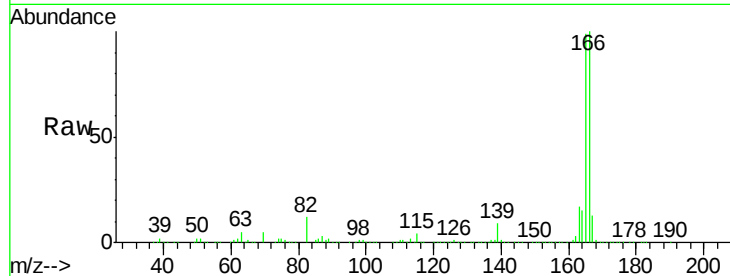




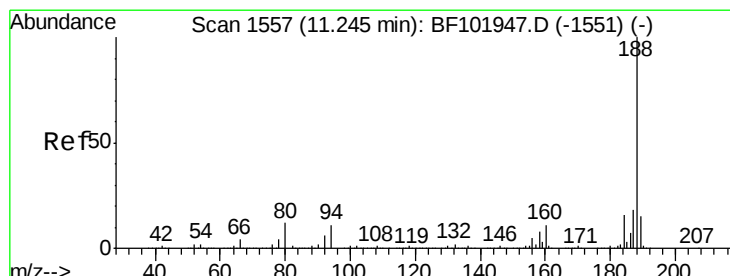
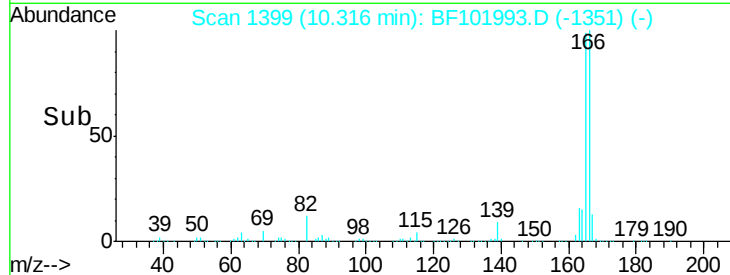
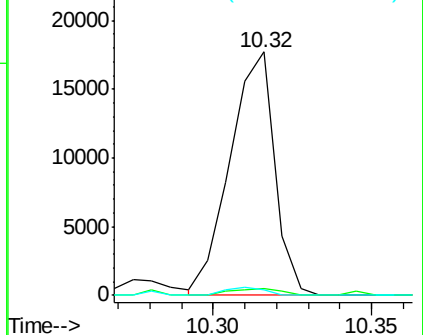
#61
 4-Nitroaniline
 Concen: 2.428 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	2.8	30.2	70.2#
108	2.5	52.5	92.5#

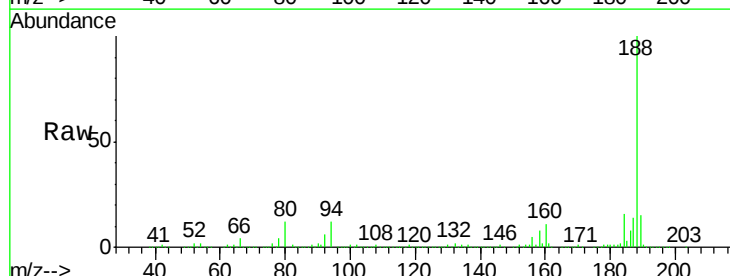


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

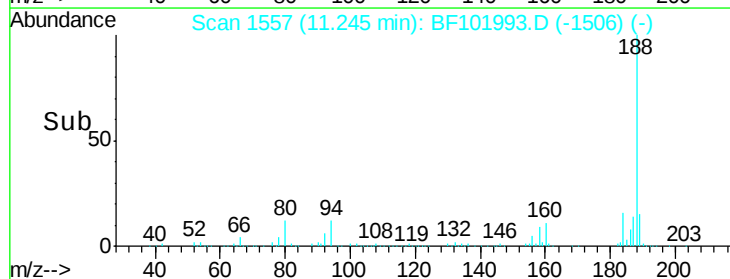
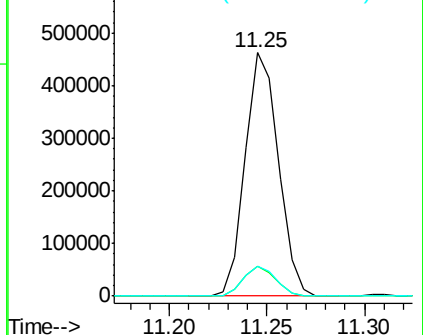


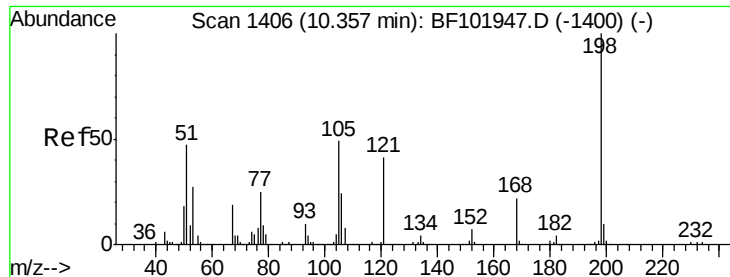
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.3	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

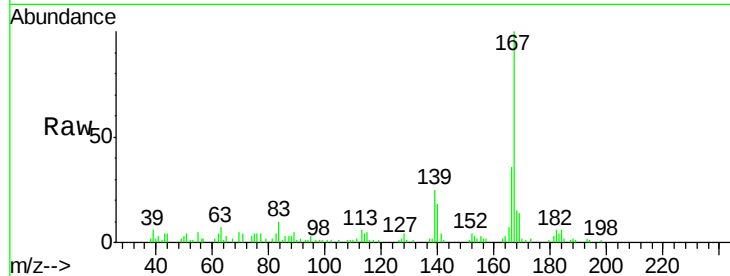




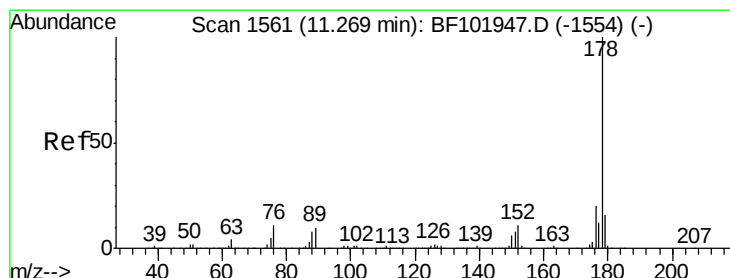
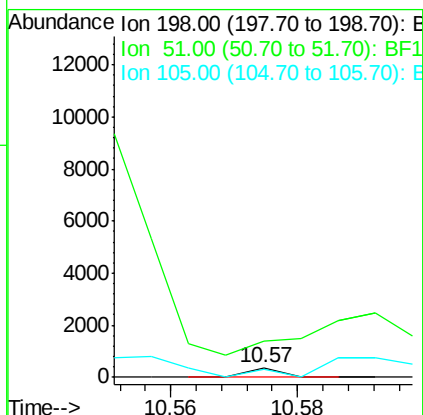
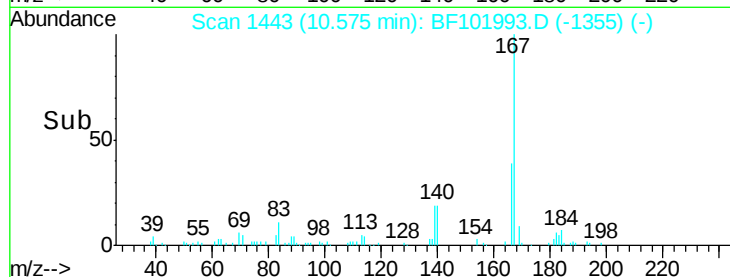
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.702 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.22 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Tot Ion:198 Resp: 133
 Ion Ratio Lower Upper
 198 100
 51 367.2 37.7 77.7#
 105 79.4 36.3 76.3#

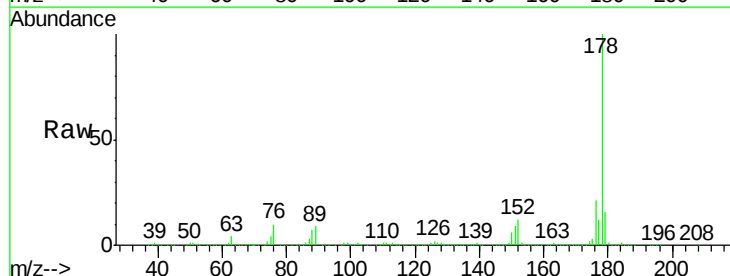


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

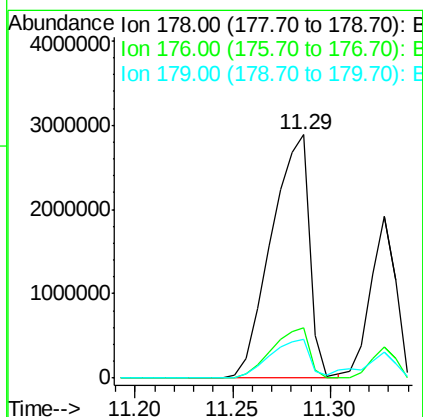
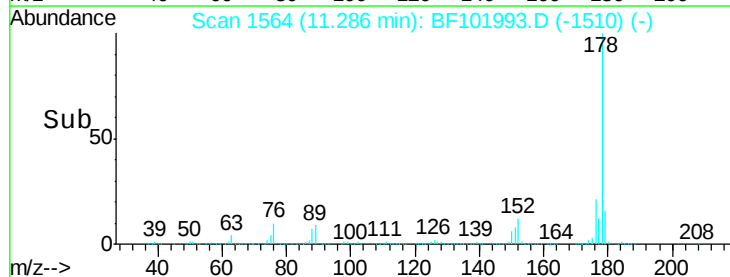


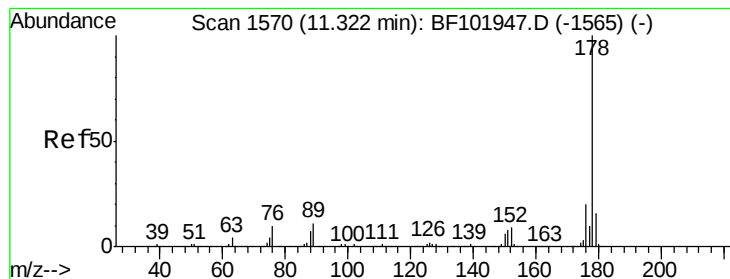
#70
 Phenanthrene
 Concen: 122.046 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.02 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Tgt Ion:178 Resp: 3898069
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.8
 179 15.9 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: 53.200 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

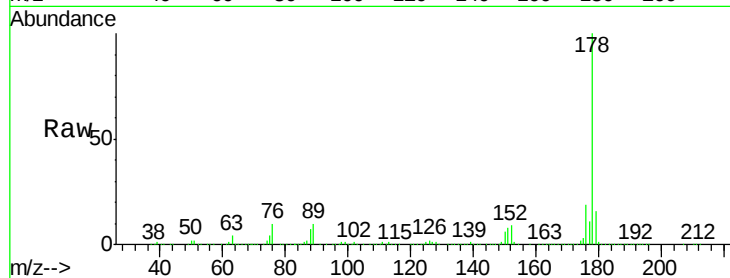
Tot Ion:178 Resp: 1723273

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

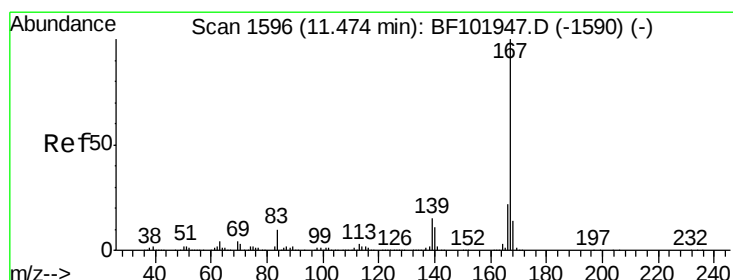
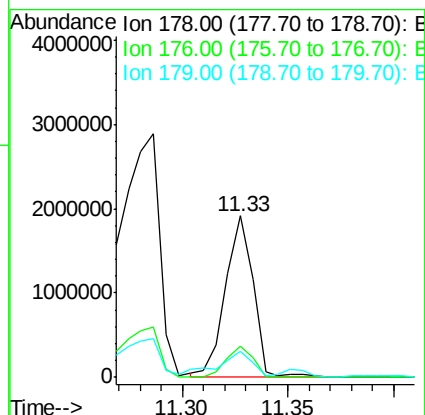
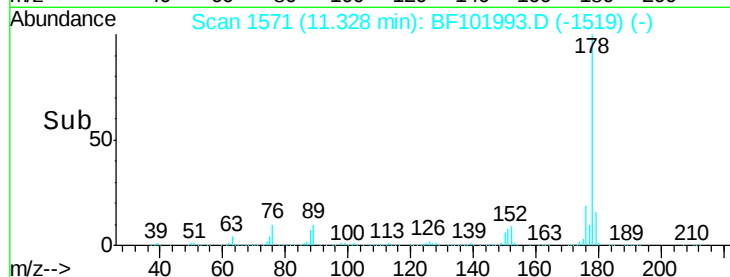
179 15.7 12.6 19.0



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: 21.209 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

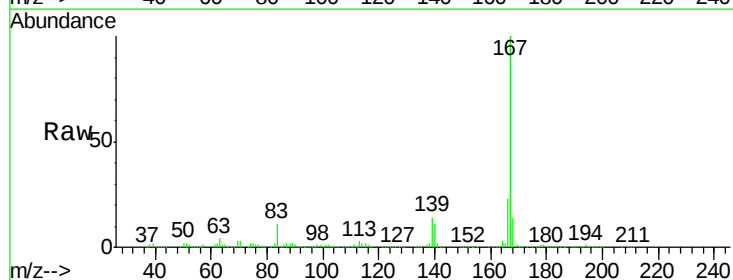
Tgt Ion:167 Resp: 675280

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

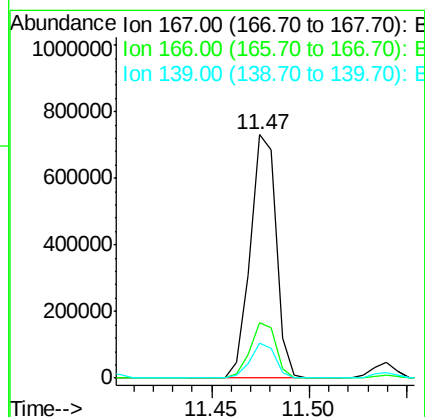
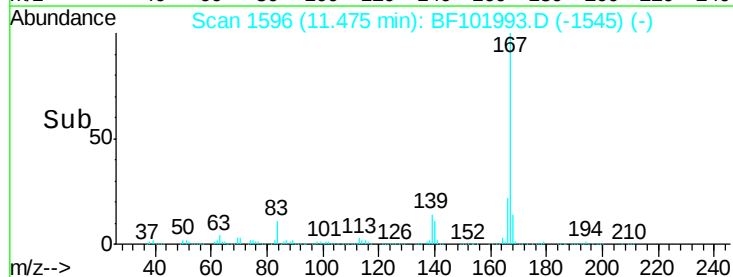
139 14.3 10.9 16.3

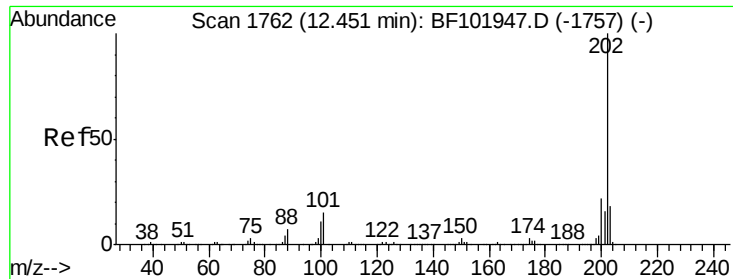


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

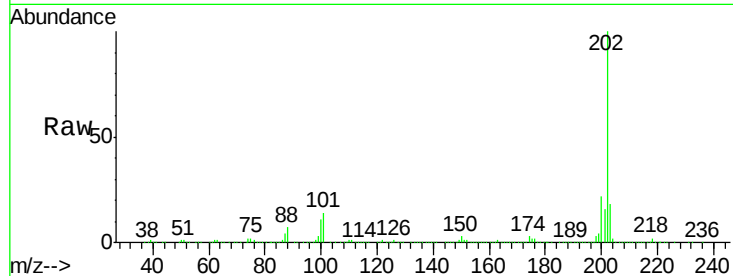




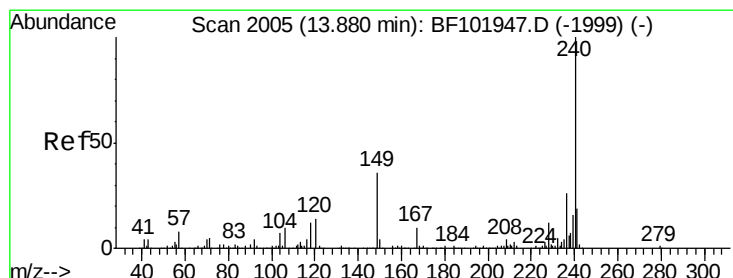
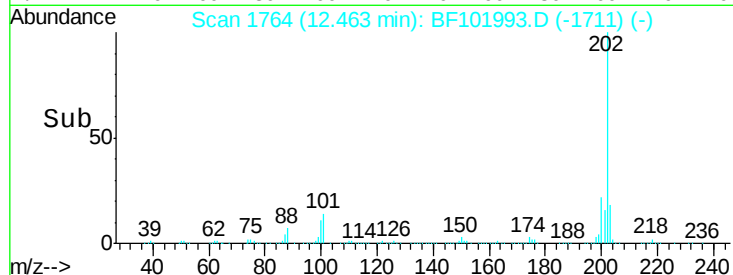
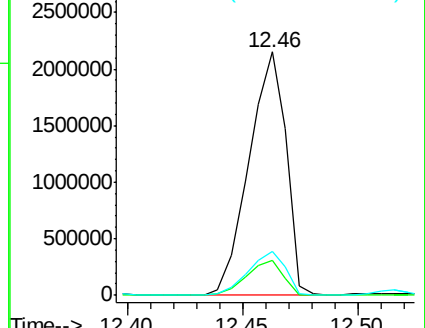
#74
Fluoranthene
Concen: 76.684 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Tot Ion:202 Resp: 2409726
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 17.9 0.0 38.1

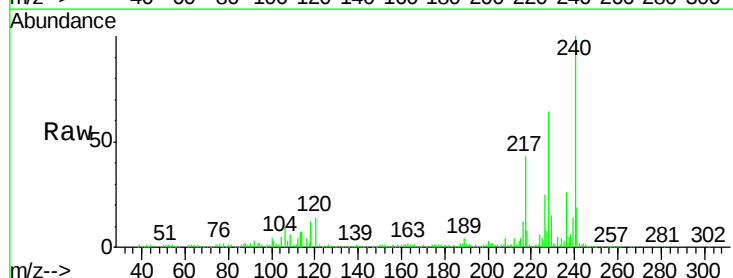


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

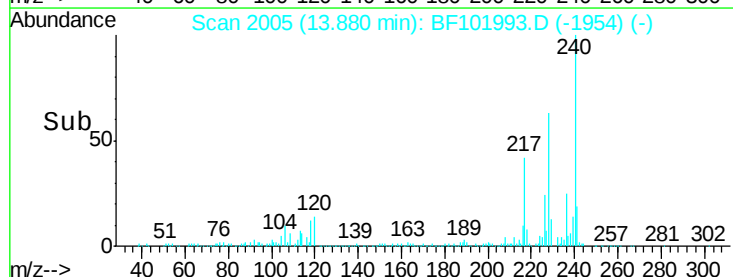
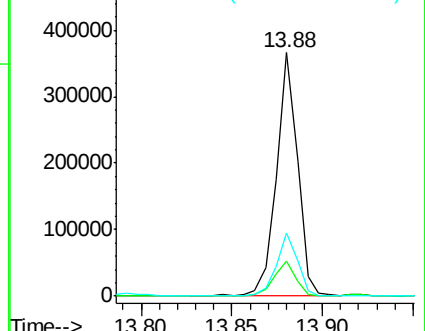


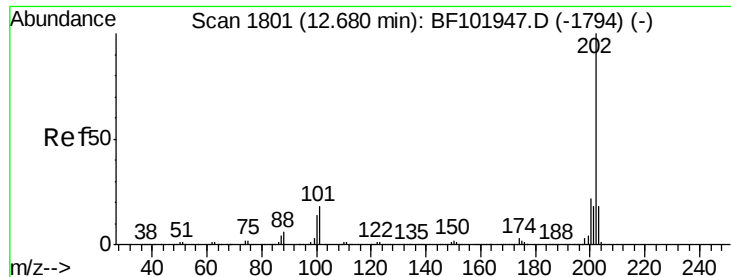
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:240 Resp: 293131
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.7 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: 76.899 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

WC-43-02

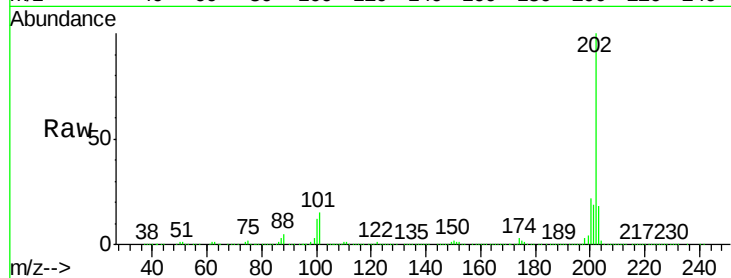
Tot Ion:202 Resp: 1992529

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

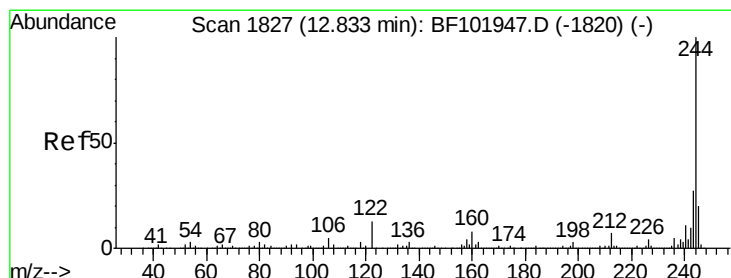
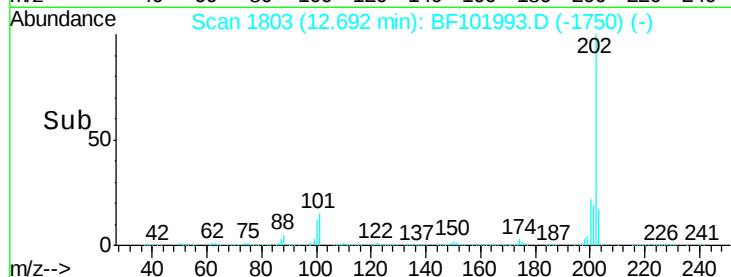
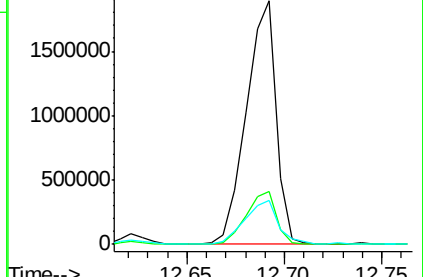
203 17.9 14.3 21.5



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: 0.606 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

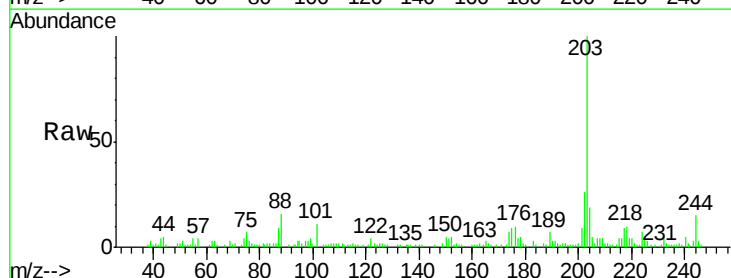
Tgt Ion:244 Resp: 8552

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

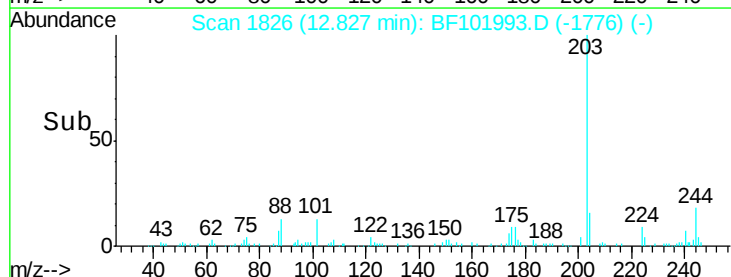
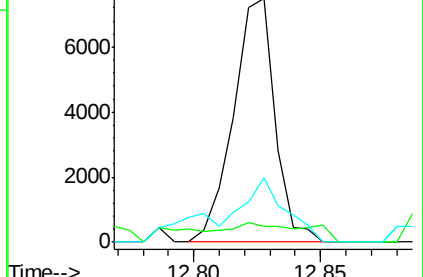
122 26.6 11.0 16.4#

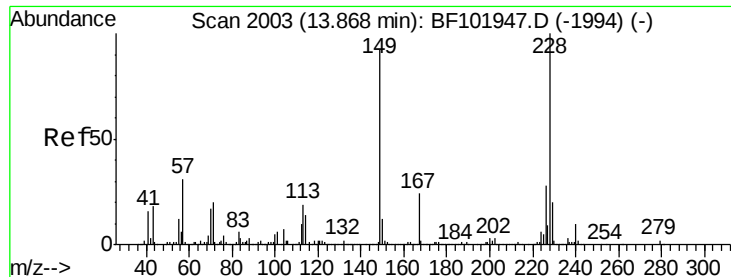


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

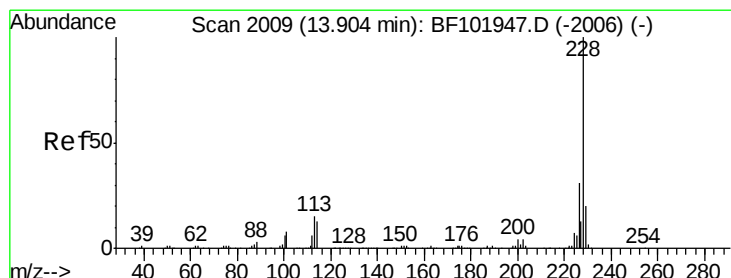
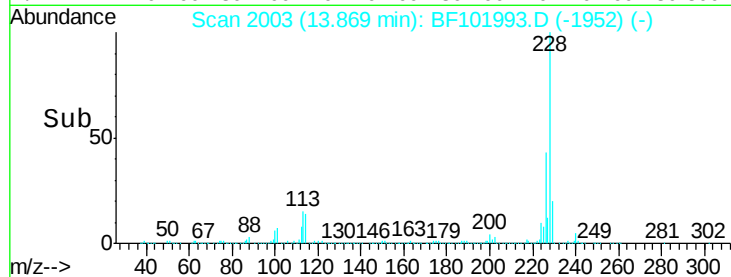
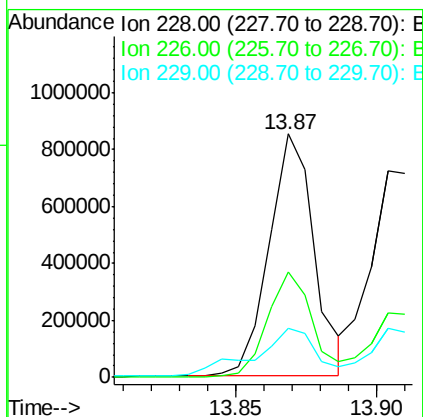
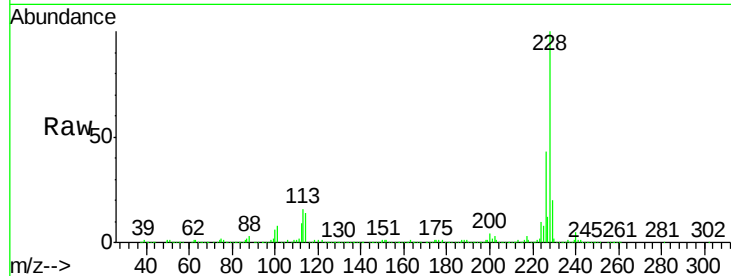




#80
Benzo(a)anthracene
Concen: 50.496 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

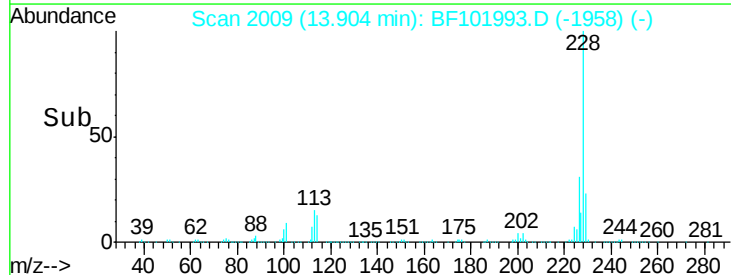
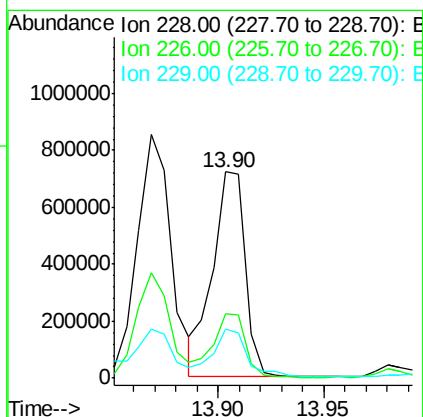
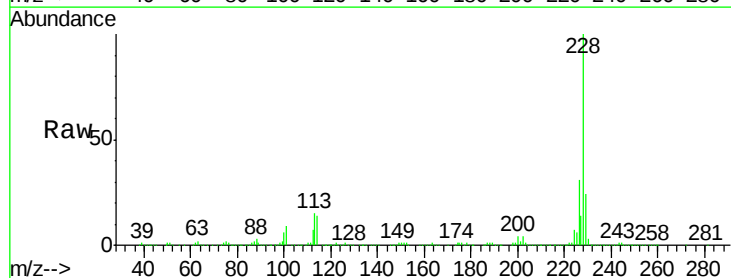
Instrument :
BNA_F
ClientSampleId :
WC-43-02

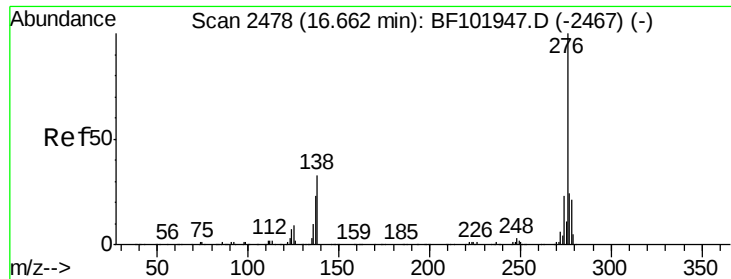
Tot Ion:228 Resp: 944411
Ion Ratio Lower Upper
228 100
226 43.4 22.6 33.8#
229 20.2 15.8 23.6



#82
Chrysene
Concen: 39.700 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:228 Resp: 774213
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 24.0 16.2 24.4

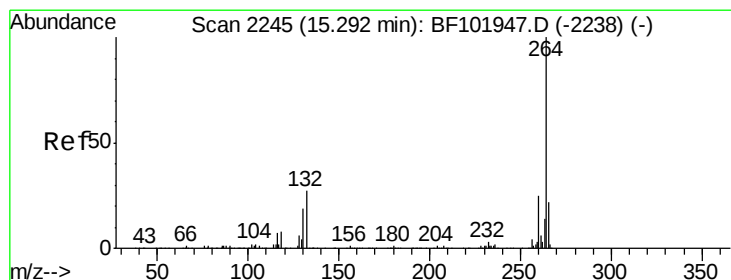
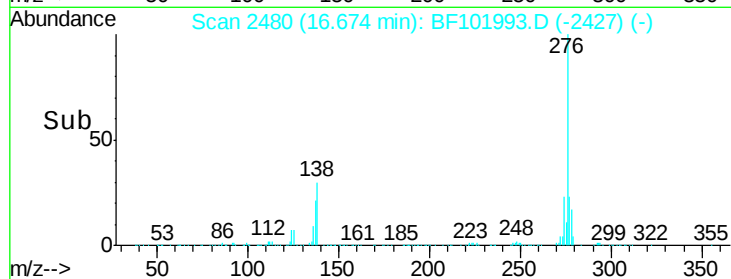
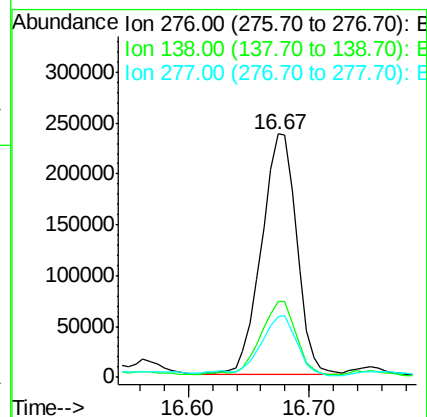
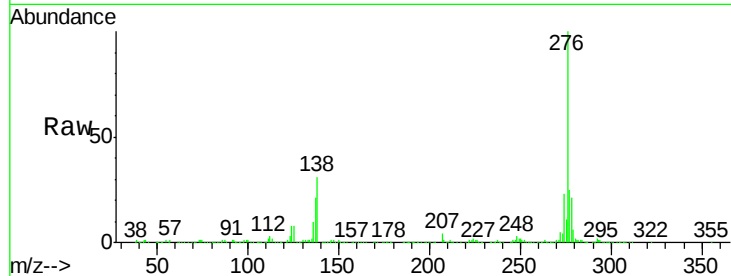




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.601 ng
 RT: 16.67 min Scan# 2480
 Delta R.T. 0.01 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

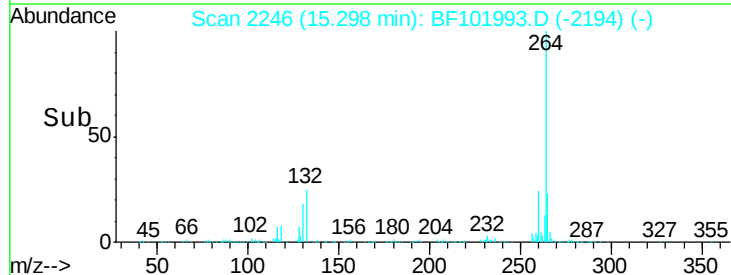
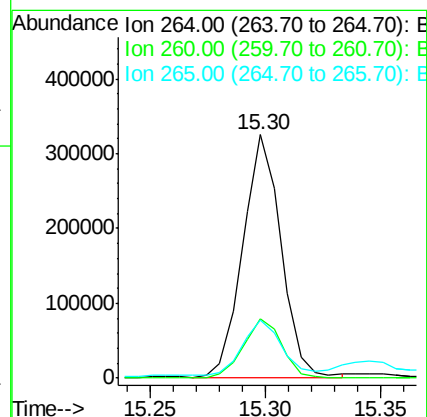
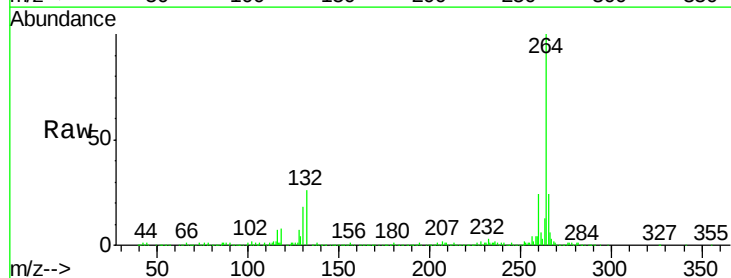
Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

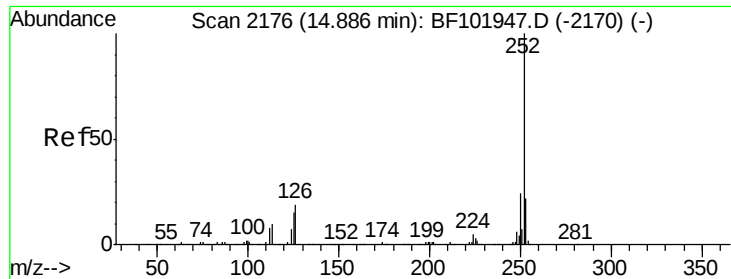
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	26.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.8	17.5	26.3

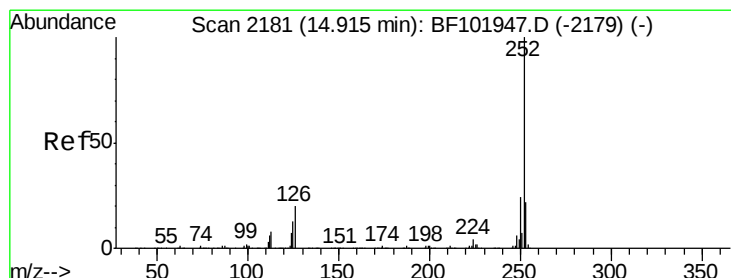
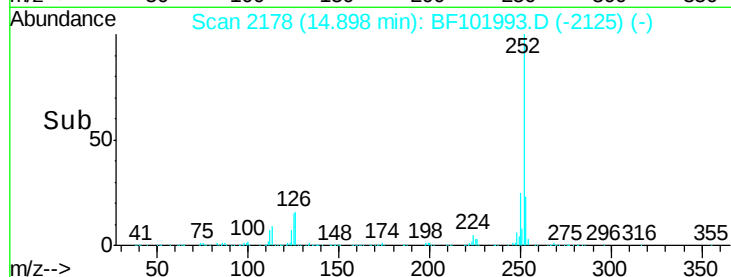
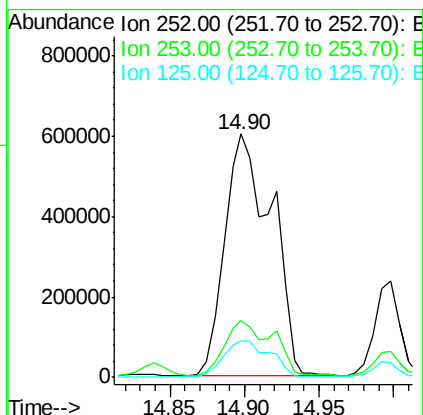
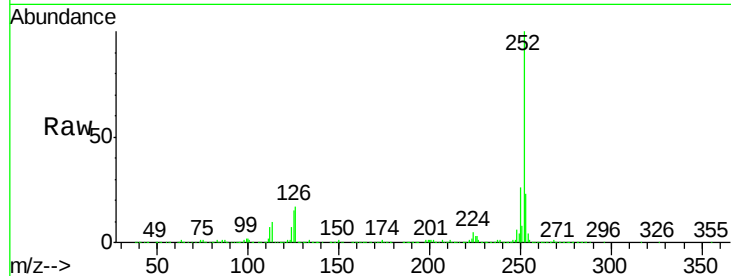




#87
Benzo(b)fluoranthene
Concen: 54.267 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

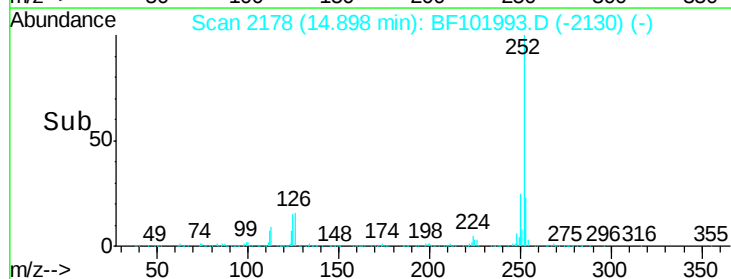
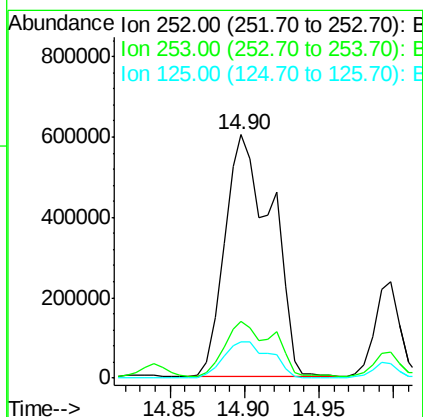
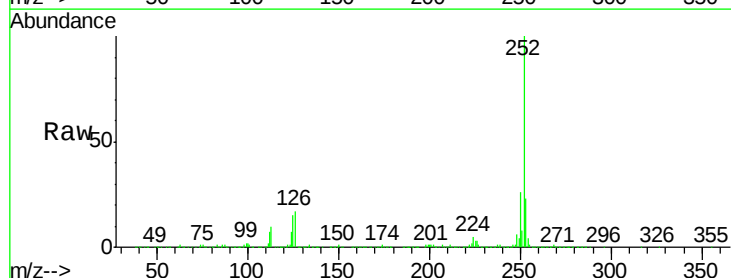
Instrument :
BNA_F
ClientSampleId :
WC-43-02

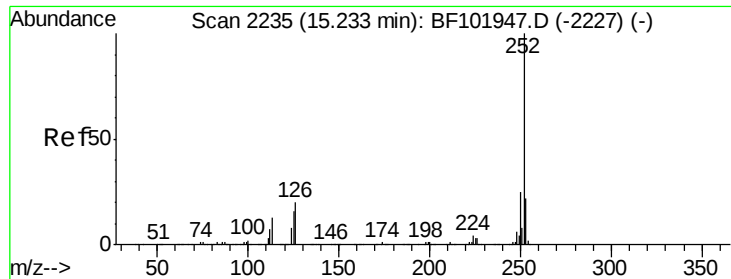
Tot Ion:252 Resp: 1321137
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 14.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 56.255 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF101993.D
Acq: 10 Jan 2018 21:43

Tgt Ion:252 Resp: 1321137
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 14.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.343 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

Instrument :

BNA_F

ClientSampled :

WC-43-02

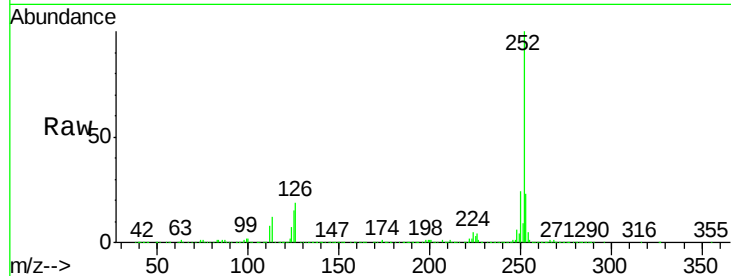
Tot Ion:252 Resp: 818073

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

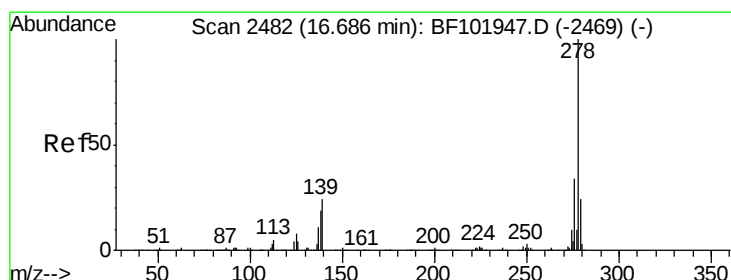
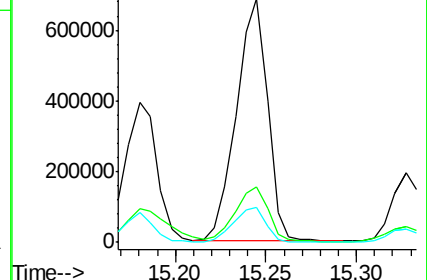
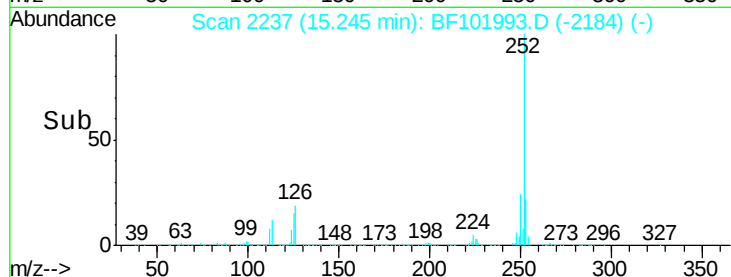
125 14.5 9.8 14.6



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: 6.459 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.21 min

Lab File: BF101993.D

Acq: 10 Jan 2018 21:43

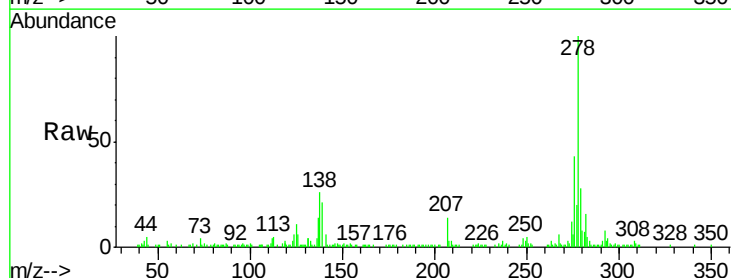
Tgt Ion:278 Resp: 112911

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

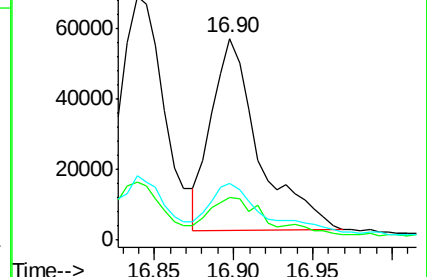
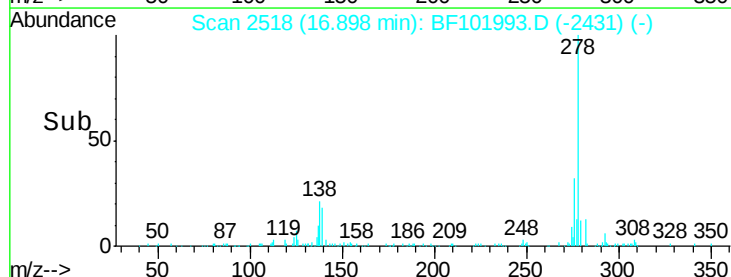
279 28.0 19.0 28.4

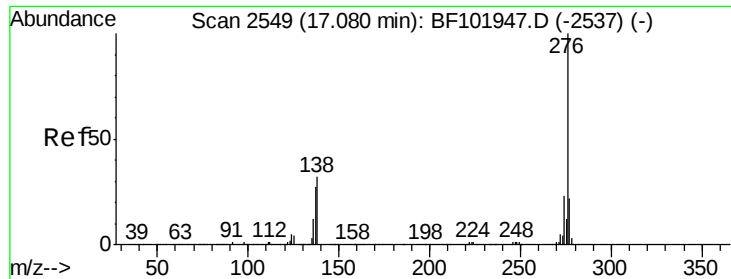


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

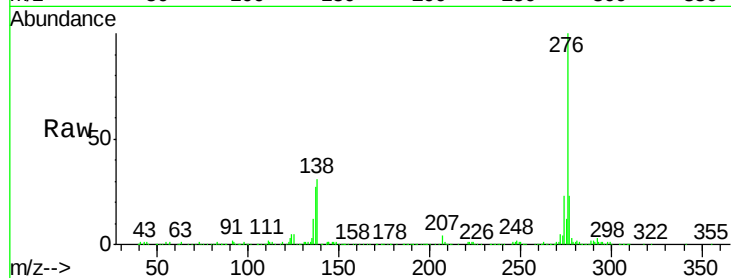




#91
 Benzo(a,h,i)perylene
 Concen: 24.807 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF101993.D
 Acq: 10 Jan 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	31.2	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

