

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102166.D
 Acq On : 17 Jan 2018 22:34
 Operator : SJ/JU
 Sample : J1154-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:12:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155968	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	608552	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	251535	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	345510	20.00	ng	0.00
75) Chrysene-d12	13.87	240	253463	20.00	ng	0.00
86) Perylene-d12	15.29	264	255711	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1095187	99.15	ng	0.02
7) Phenol-d6	6.36	99	1267793	96.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	817196	78.91	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	224378	102.22	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1248067	77.52	ng	0.00
78) Terphenyl-d14	12.82	244	726444	59.51	ng	0.00

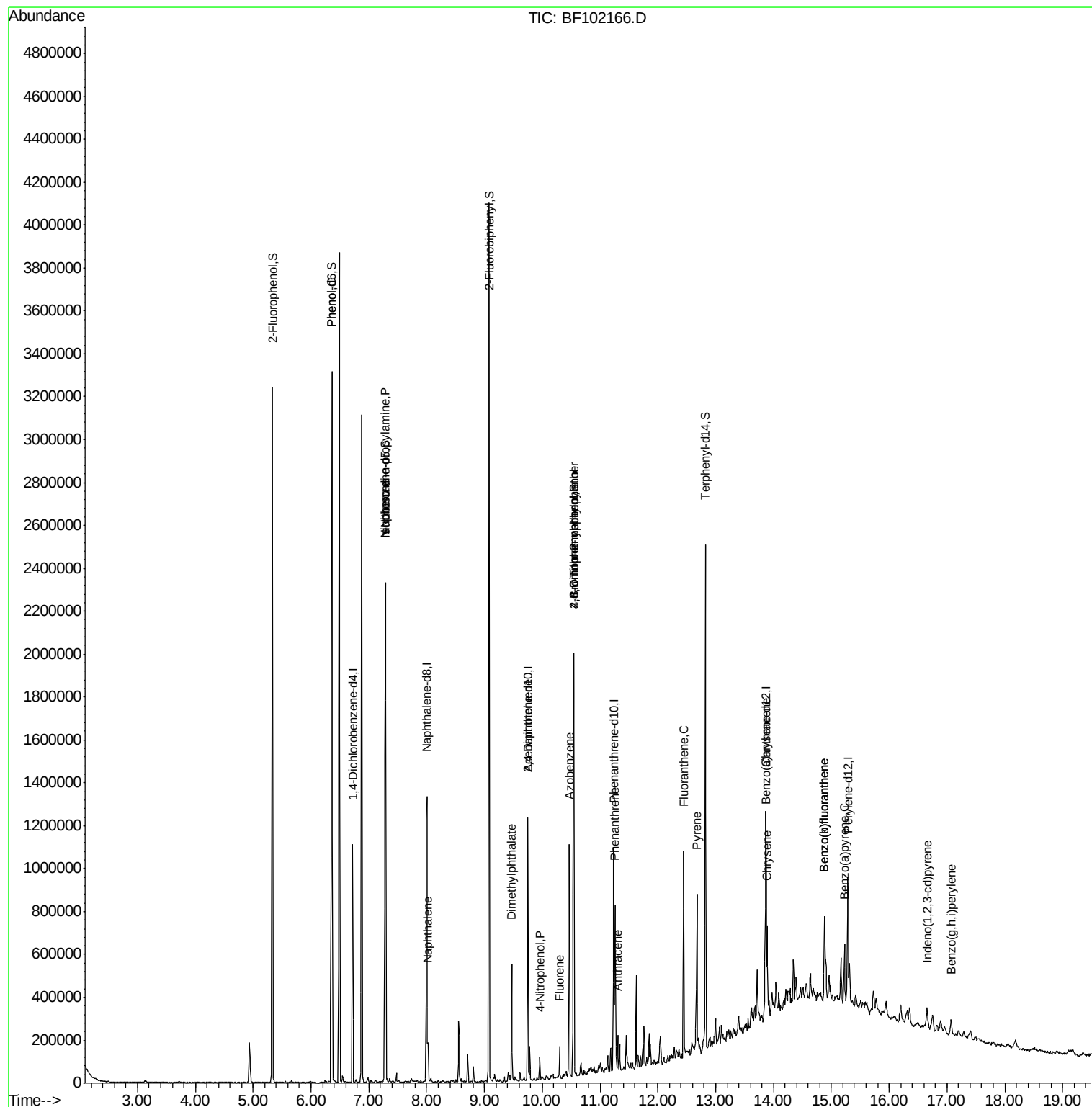
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	54033	3.628	ng	# 70
19) n-Nitroso-di-n-propylamine	7.29	70	111588	12.921	ng	# 80
25) Isophorone	7.29	82	806968	39.437	ng	# 64
31) Naphthalene	8.02	128	125360	4.123	ng	99
49) Dimethylphthalate	9.47	163	202056	10.014	ng	99
55) 4-Nitrophenol	9.96	139	11178	2.949	ng	# 12
56) 2,4-Dinitrotoluene	9.75	165	31667	6.268	ng	# 23
57) Fluorene	10.30	166	35709	2.266	ng	98
62) Azobenzene	10.47	77	173459	8.686	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	490	5.893	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14683	4.024	ng	# 1
70) Phenanthrene	11.26	178	259756	12.870	ng	99
71) Anthracene	11.31	178	56044	2.738	ng	99
74) Fluoranthene	12.44	202	339830	17.114	ng	97
77) Pyrene	12.67	202	296665	13.241	ng	99
80) Benzo(a)anthracene	13.86	228	153255	9.477	ng	96
82) Chrysene	13.89	228	137562	8.158	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	58441	4.762	ng	94
87) Benzo(b)fluoranthene	14.88	252	246577	14.789	ng	# 95
88) Benzo(k)fluoranthene	14.88	252	246577	15.330	ng	98
89) Benzo(a)pyrene	15.23	252	120428	8.027	ng	96
91) Benzo(g,h,i)perylene	17.07	276	56667	4.698	ng	98

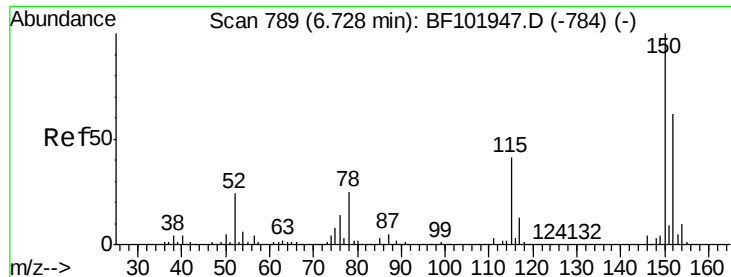
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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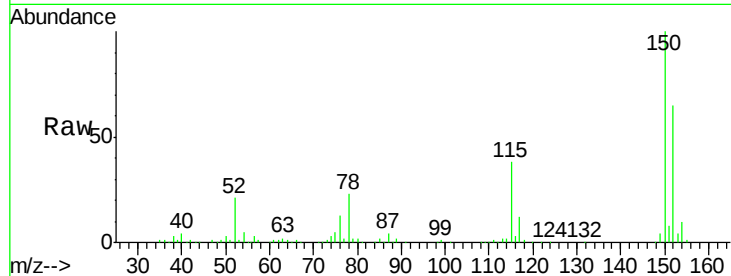


#1

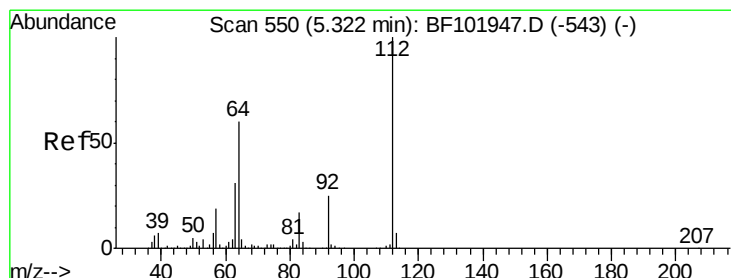
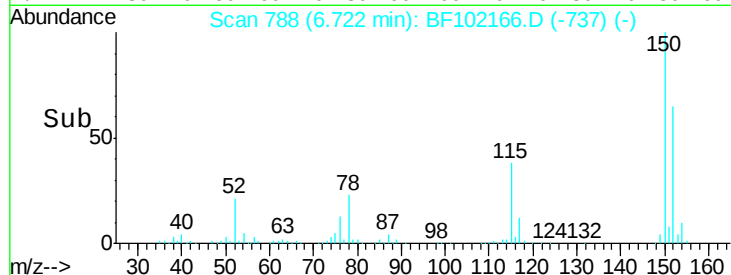
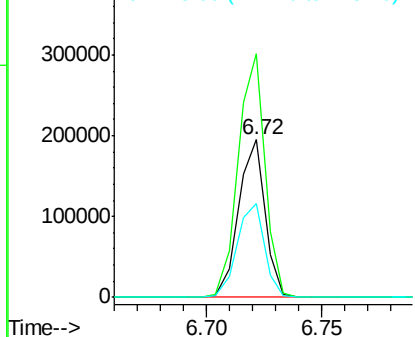
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155968
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 59.5 50.1 75.1



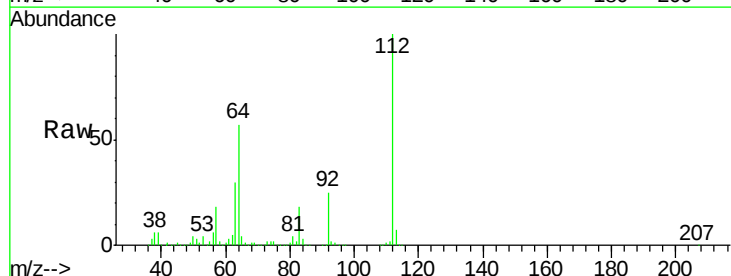
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



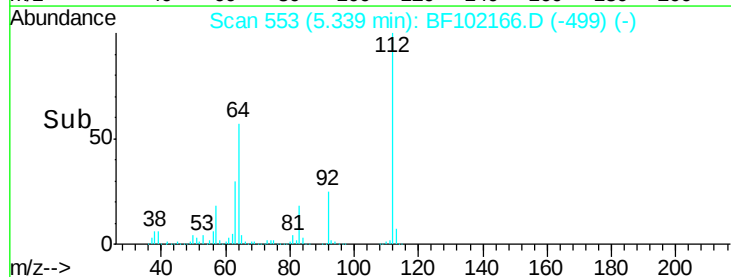
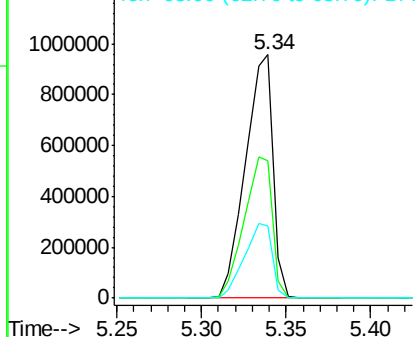
#5

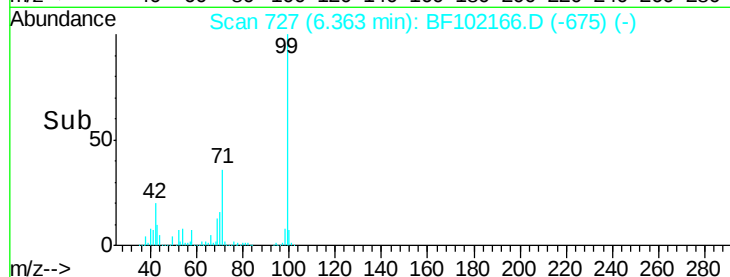
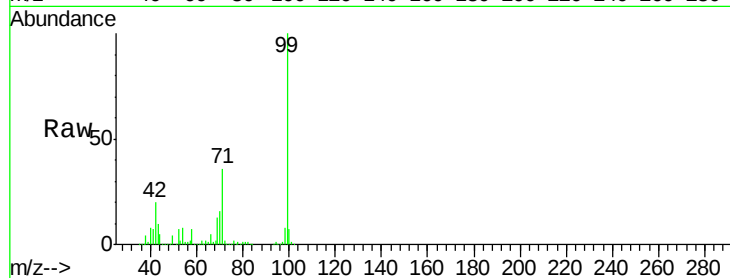
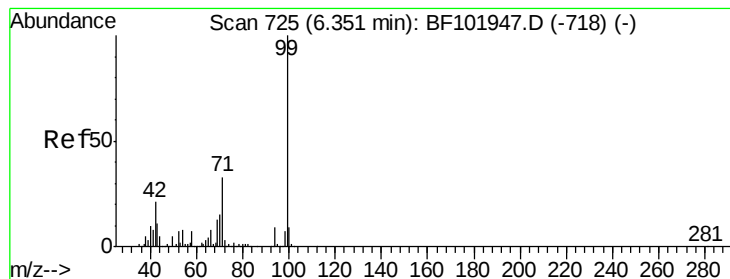
2-Fluorophenol
Concen: 99.155 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Tgt Ion:112 Resp: 1095187
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.7 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: 96.204 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampleId :

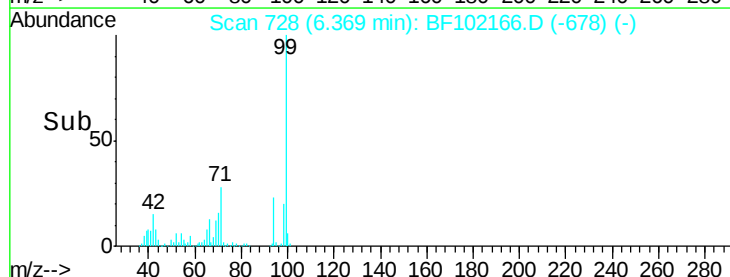
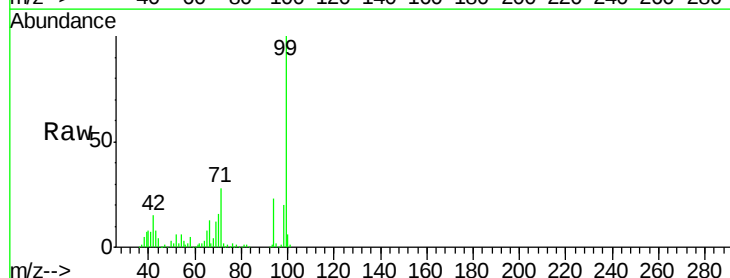
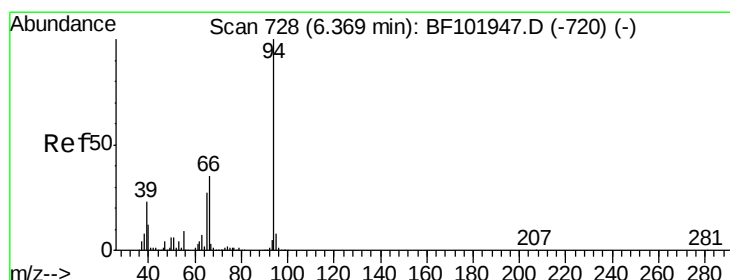
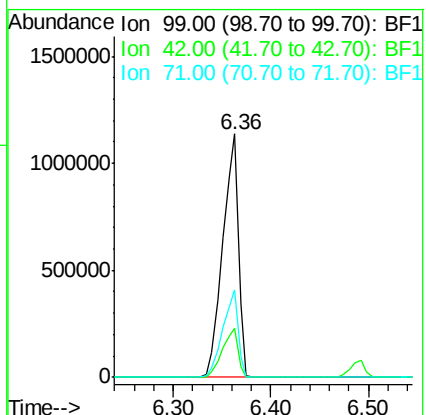
Tot Ion: 99 Resp: 1267793

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.8 25.4 38.0



#10

Phenol

Concen: 3.628 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

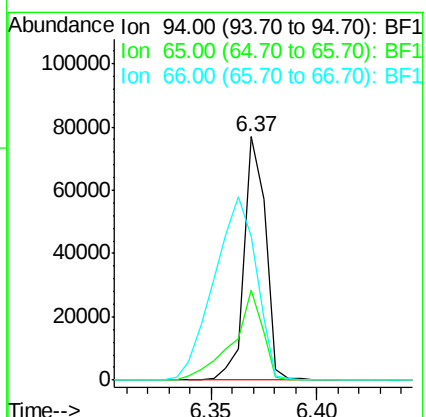
Tgt Ion: 94 Resp: 54033

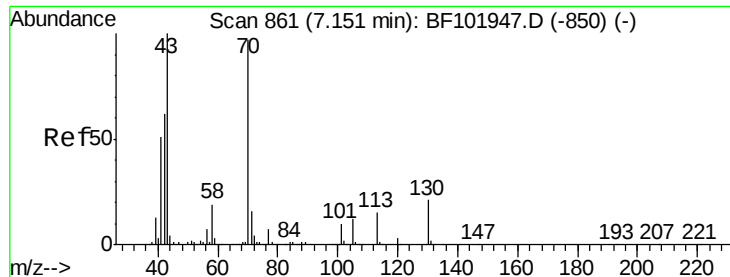
Ion Ratio Lower Upper

94 100

65 37.0 7.9 47.9

66 59.2 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 12.921 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111588

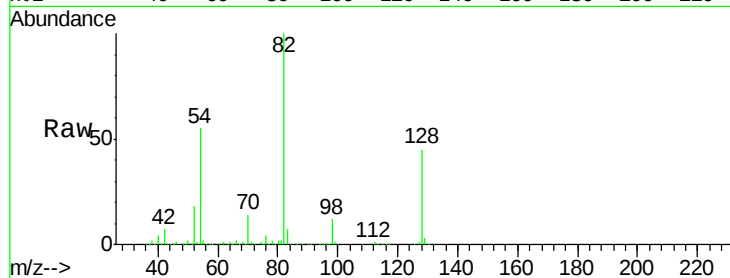
Ion Ratio Lower Upper

70 100

42 49.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

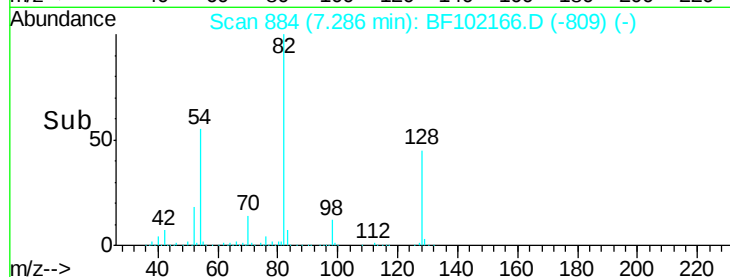


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Abundance Ion 70.00 (69.70 to 70.70): BF1

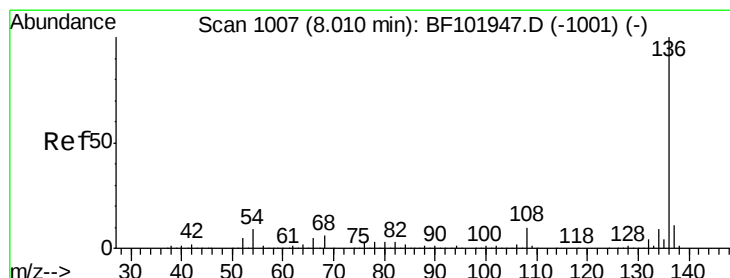
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->

7.25 7.30 7.35



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Tgt Ion:136 Resp: 608552

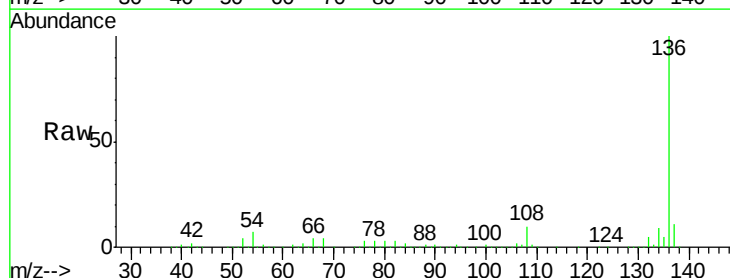
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 4.4 5.0 7.4#

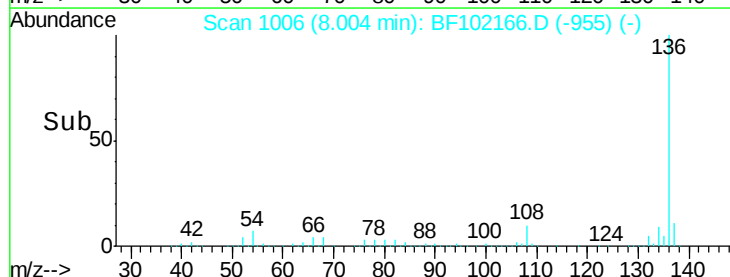


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Abundance Ion 136.00 (135.70 to 136.70): BF1

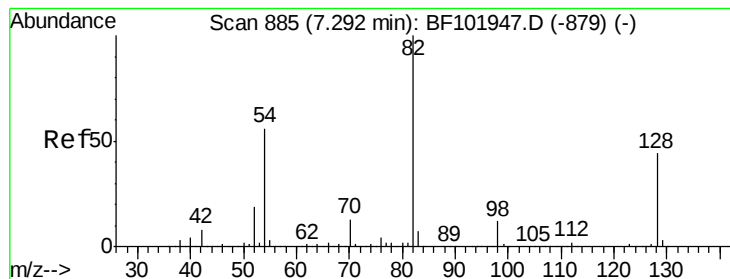
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

7.90 8.00 8.10



#23

Nitrobenzene-d5

Concen: 78.912 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampled :

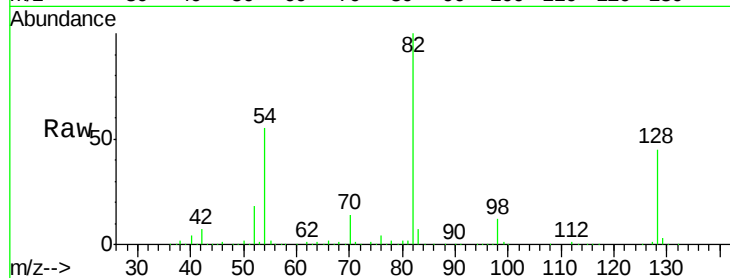
Tot Ion: 82 Resp: 817196

Ion Ratio Lower Upper

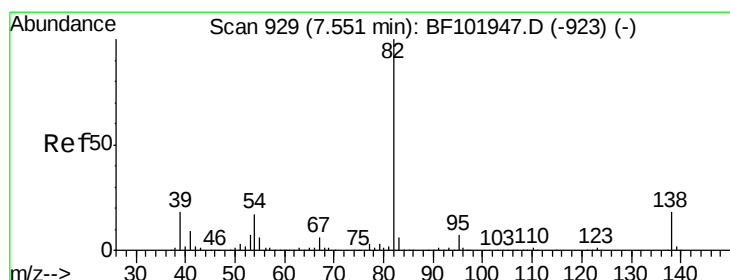
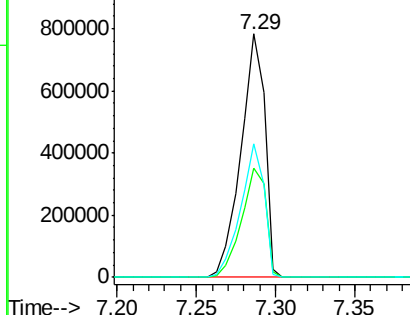
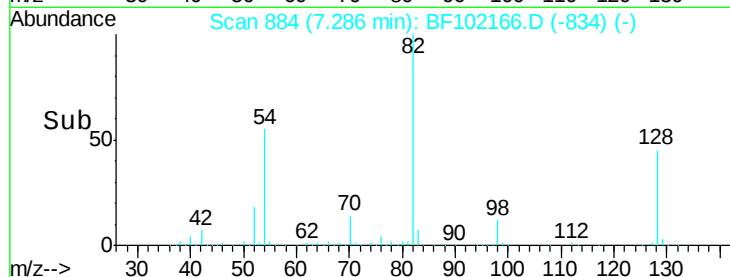
82 100

128 44.7 36.1 54.1

54 54.8 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



#25

Isophorone

Concen: 39.437 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

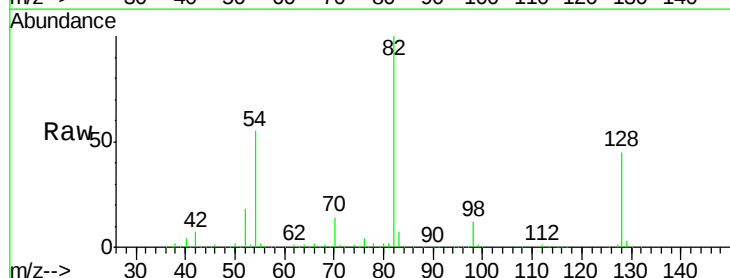
Tgt Ion: 82 Resp: 806968

Ion Ratio Lower Upper

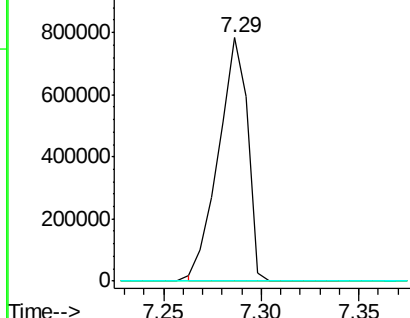
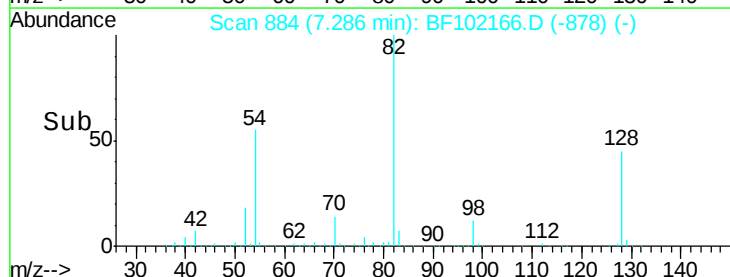
82 100

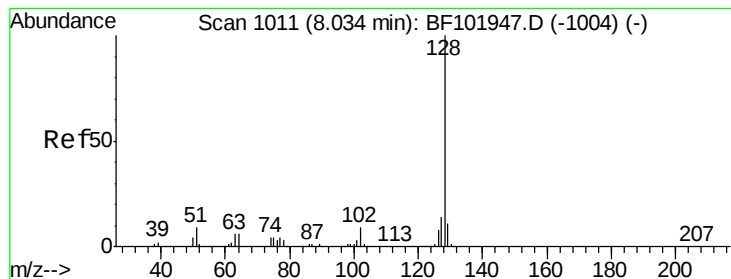
95 0.1 5.2 7.8#

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: 4.123 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

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ClientSampleId :

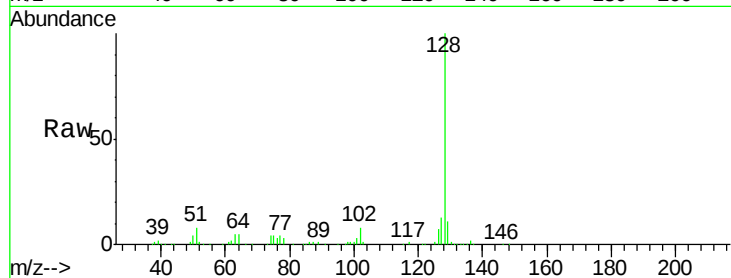
Tot Ion:128 Resp: 125360

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

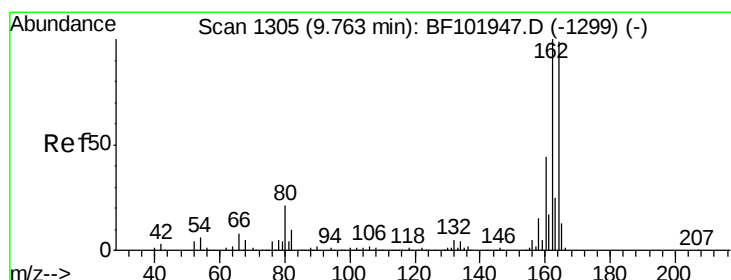
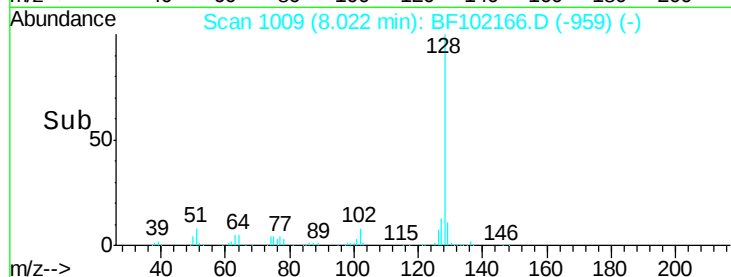
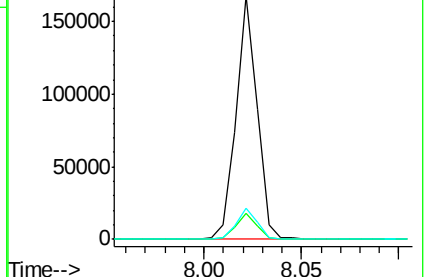
127 12.8 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

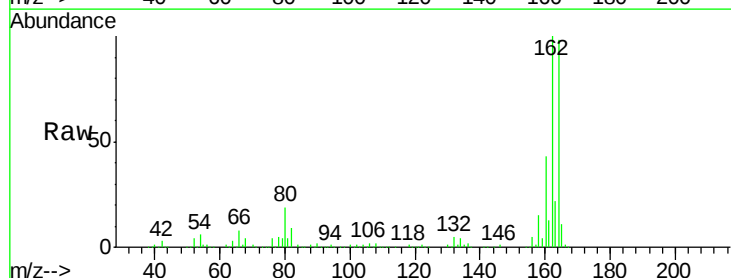
Tgt Ion:164 Resp: 251535

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

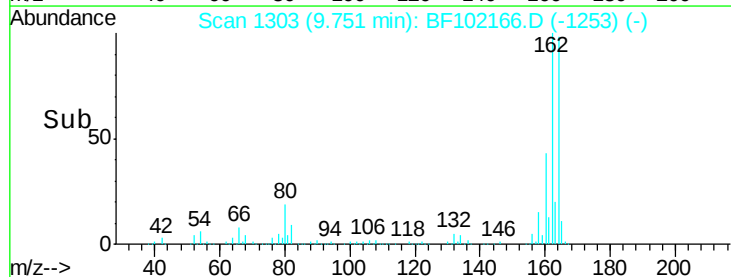
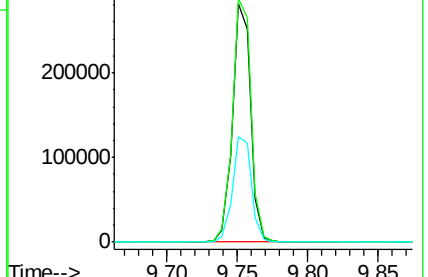
160 44.3 38.3 57.5

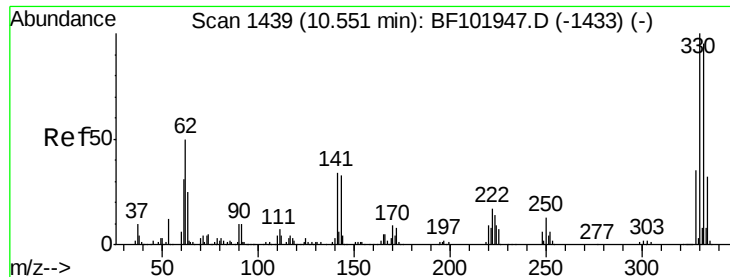


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

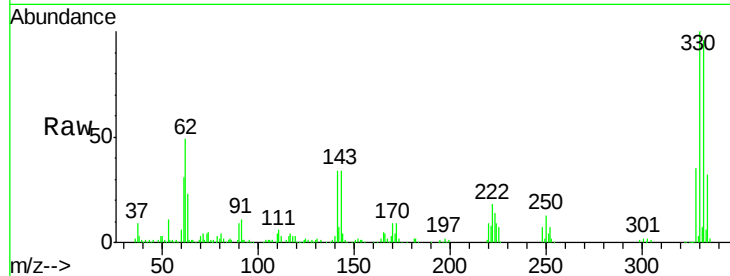




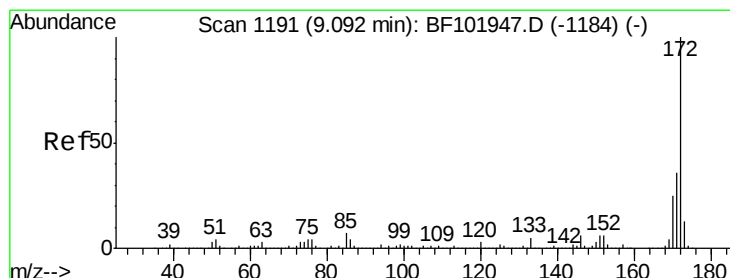
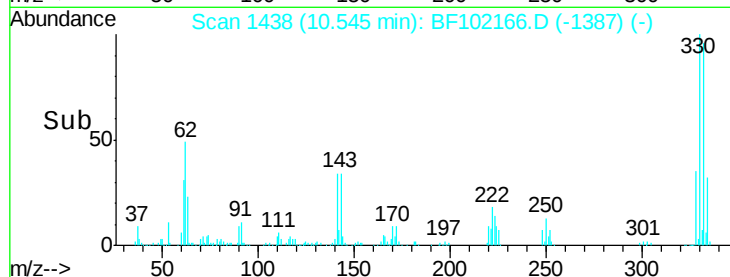
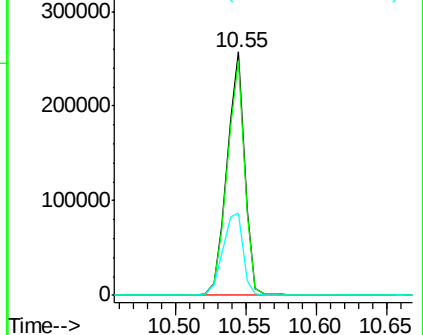
#41
 2,4,6-Tribromophenol
 Concen: 102.217 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102166.D
 Acq: 17 Jan 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 224378
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 38.7 29.9 44.9

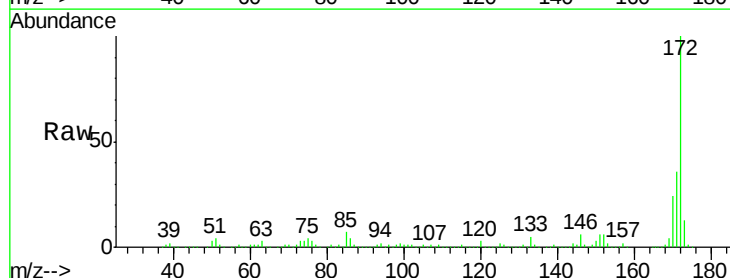


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

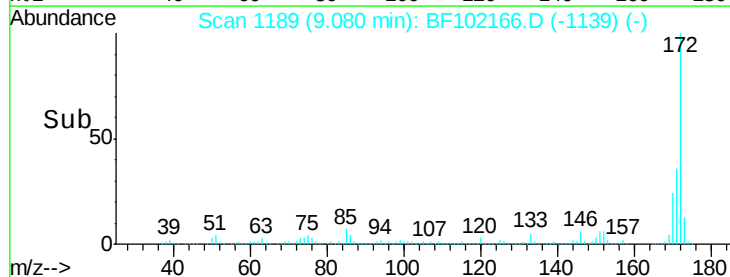
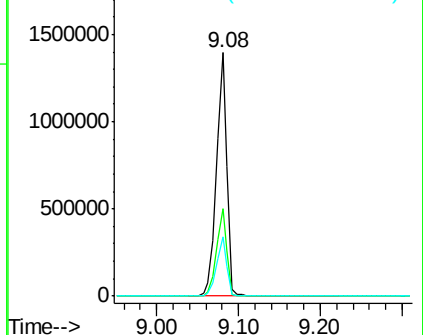


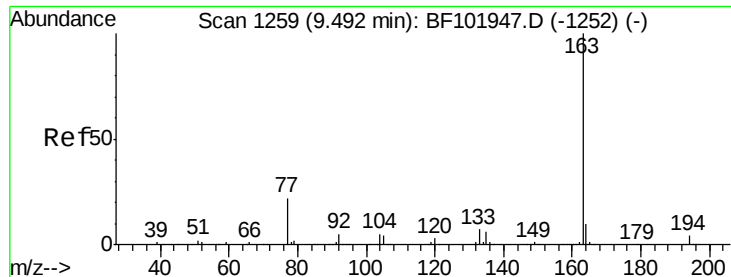
#44
 2-Fluorobiphenyl
 Concen: 77.517 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102166.D
 Acq: 17 Jan 2018 22:34

Tgt Ion:172 Resp: 1248067
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.4 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

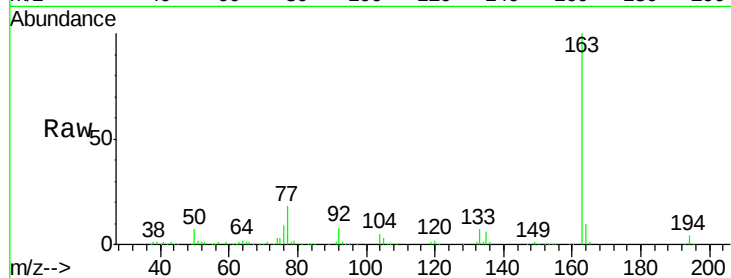




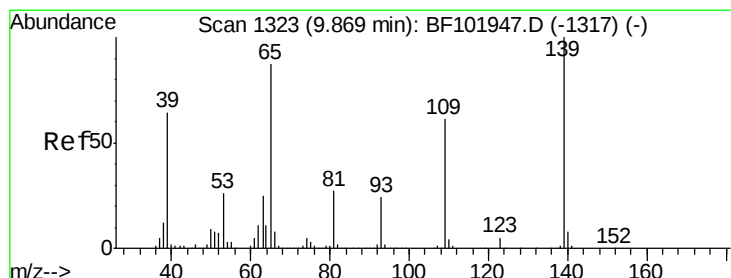
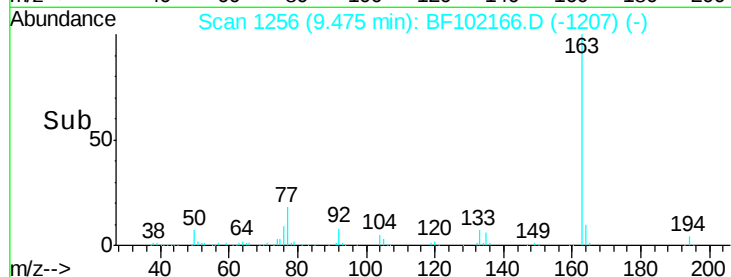
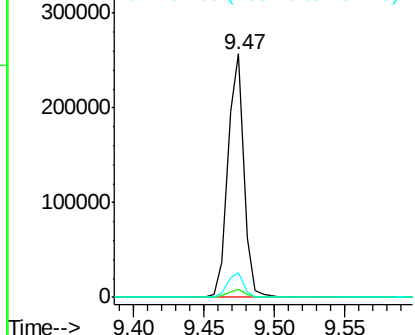
#49
Dimethylphthalate
Concen: 10.014 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 202056
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

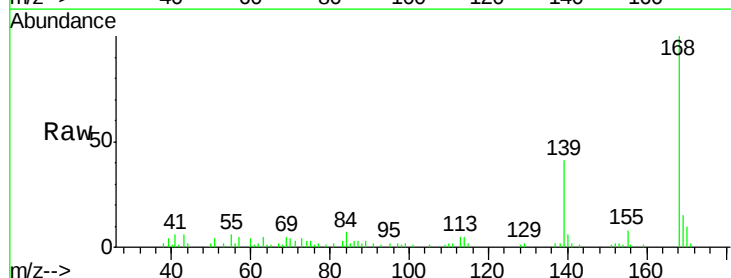


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

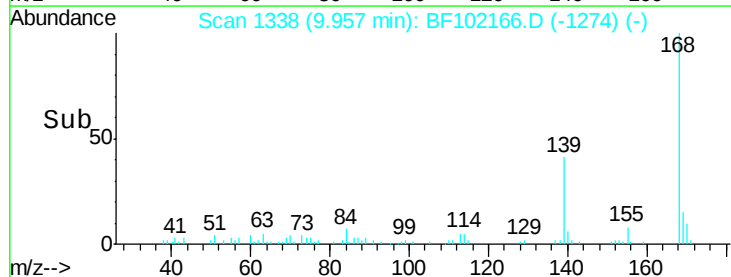
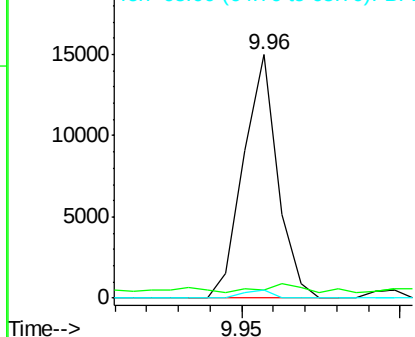


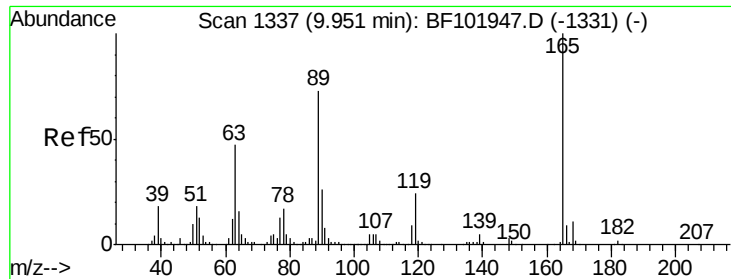
#55
4-Nitrophenol
Concen: 2.949 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Tgt Ion:139 Resp: 11178
Ion Ratio Lower Upper
139 100
109 3.3 48.4 88.4#
65 3.2 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

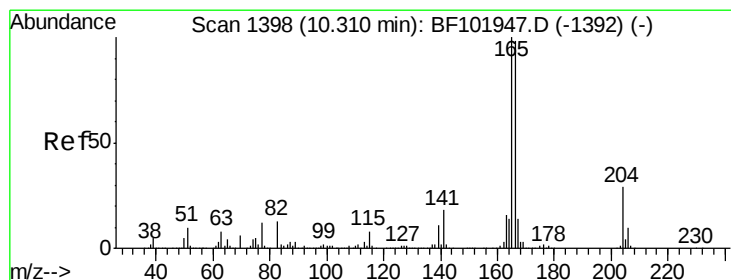
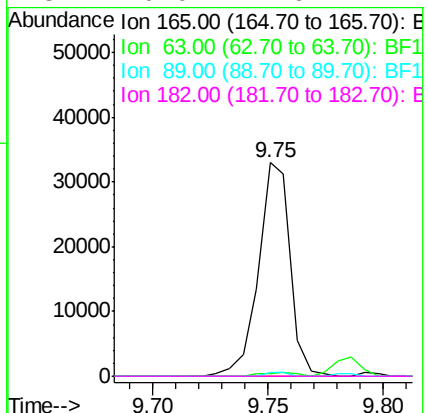
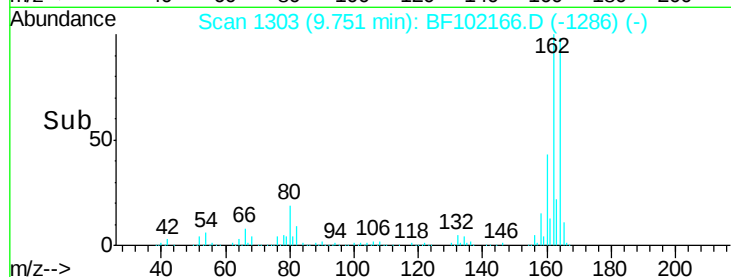
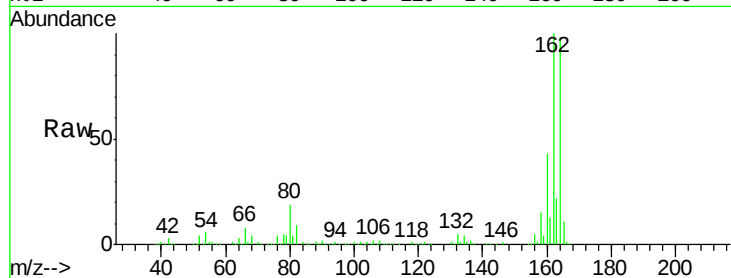




#56
2,4-Dinitrotoluene
Concen: 6.268 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

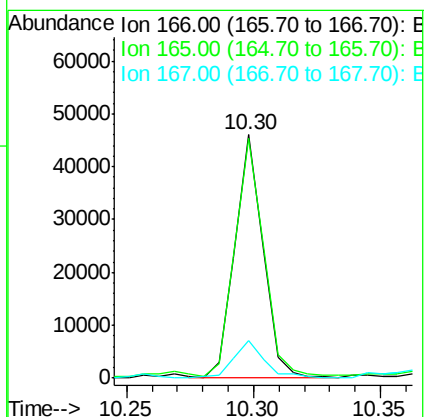
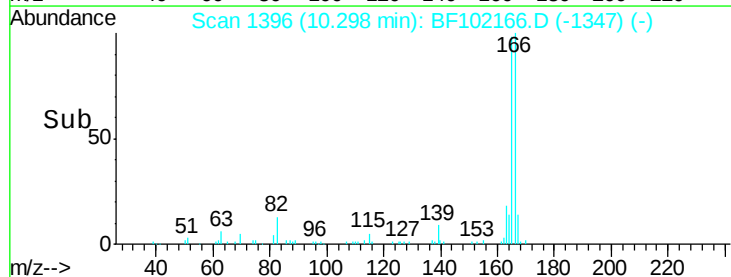
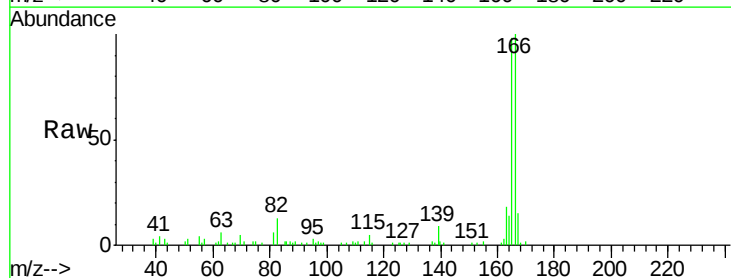
Instrument :
BNA_F
ClientSampleId :

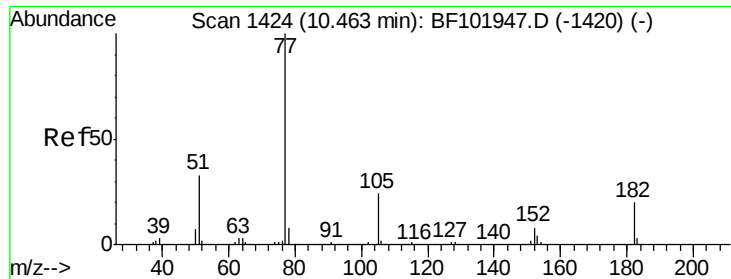
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 2.266 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	15.4	10.6	16.0





#62

Azobenzene

Concen: 8.686 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 173459

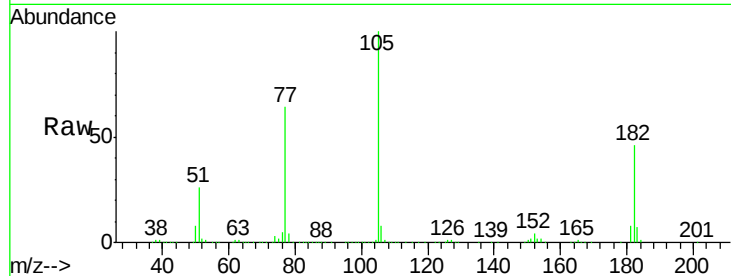
Ion Ratio Lower Upper

77 100

182 72.3 1.7 41.7#

105 157.1 3.0 43.0#

51 40.6 9.9 49.9

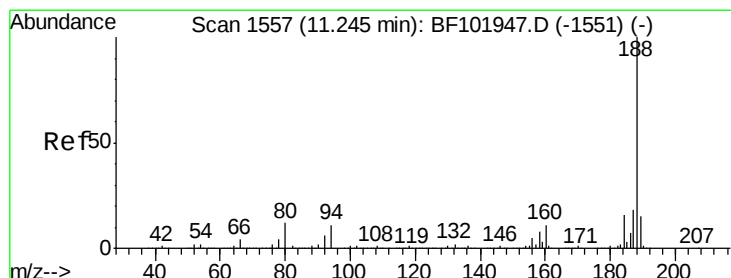
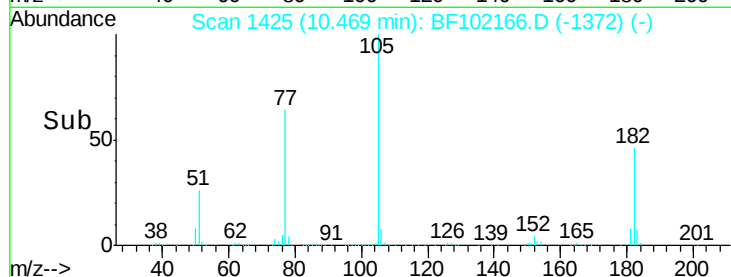
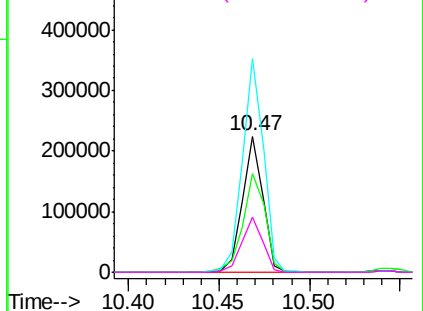


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

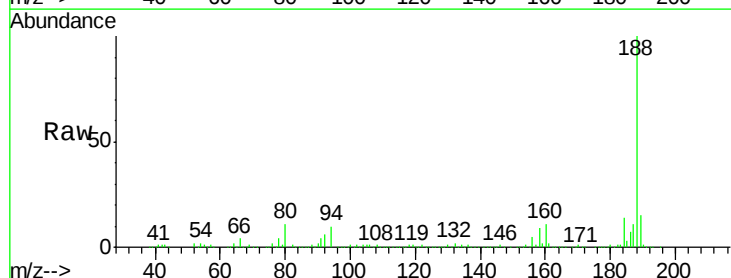
Tgt Ion: 188 Resp: 345510

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

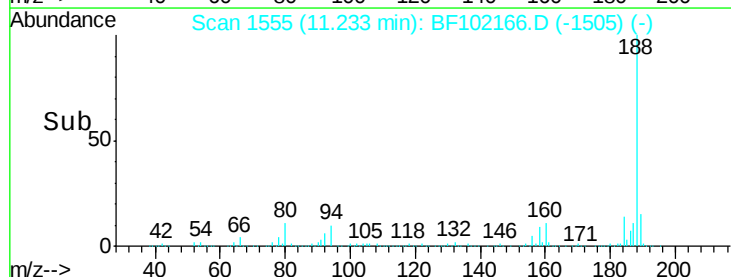
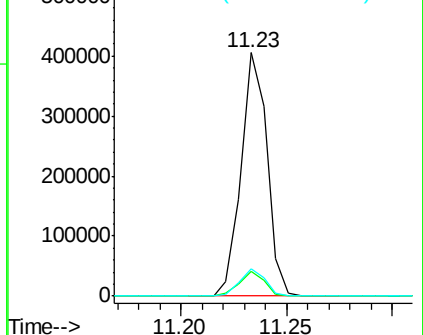
80 11.1 9.2 13.8

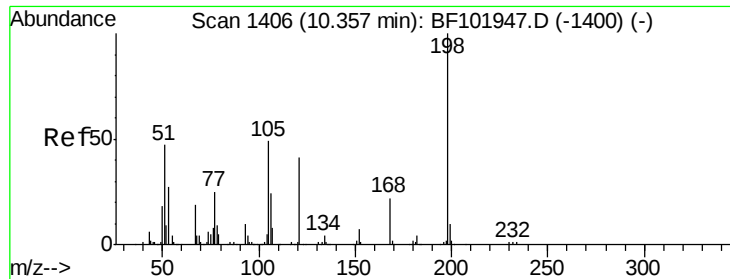


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

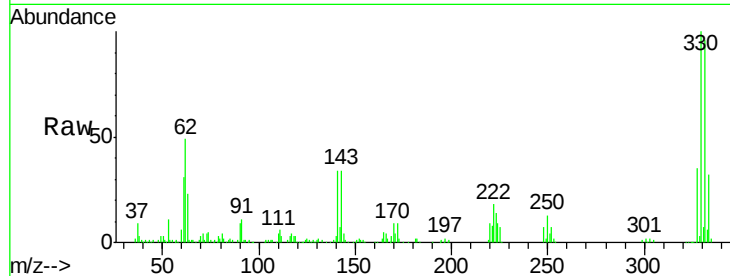




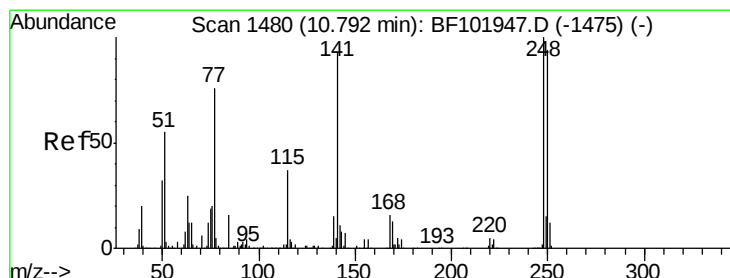
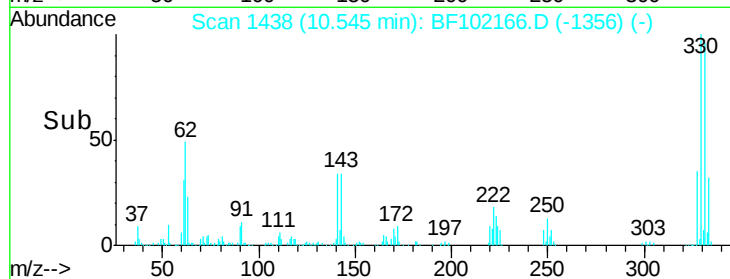
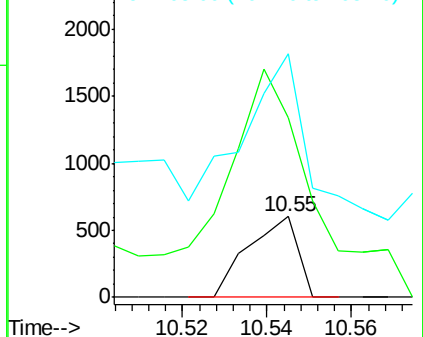
#64
4,6-Dinitro-2-methylphenol
Concen: 5.893 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 490
Ion Ratio Lower Upper
198 100
51 222.2 37.7 77.7#
105 300.7 36.3 76.3#

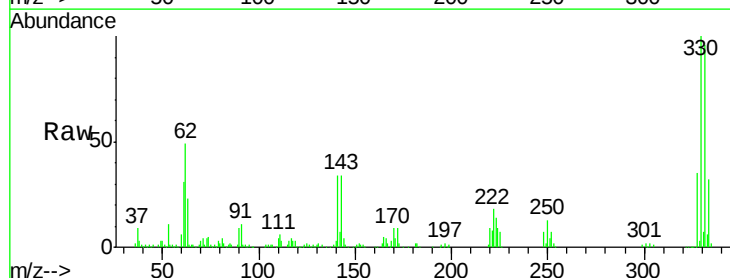


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

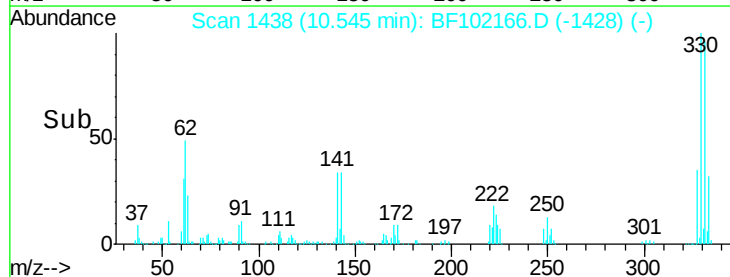
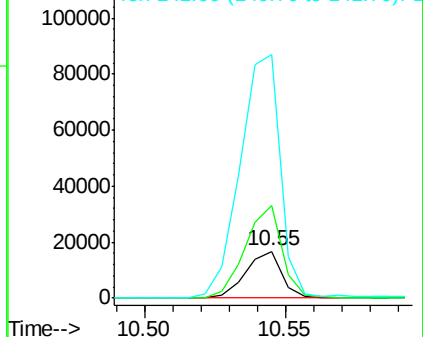


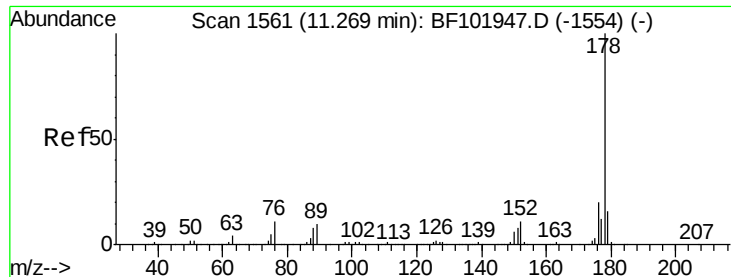
#66
4-Bromophenyl-phenylether
Concen: 4.024 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Tgt Ion:248 Resp: 14683
Ion Ratio Lower Upper
248 100
250 198.5 76.9 115.3#
141 519.4 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: 12.870 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

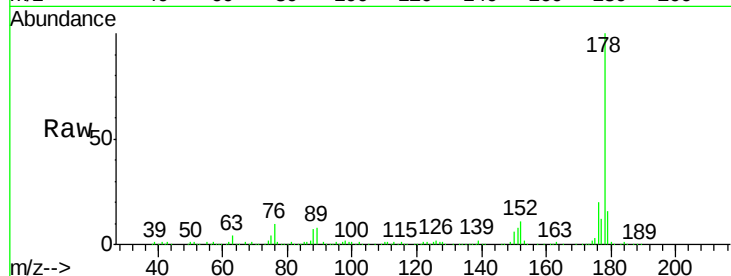
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 259756

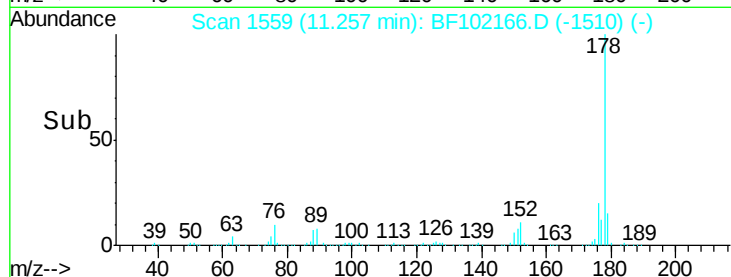
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.6	13.0	19.6



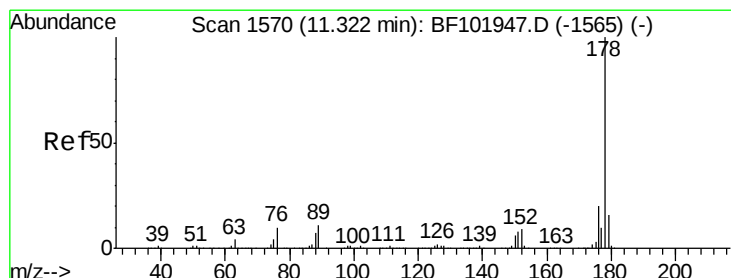
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.20 11.25



#71

Anthracene

Concen: 2.738 ng

RT: 11.31 min Scan# 1568

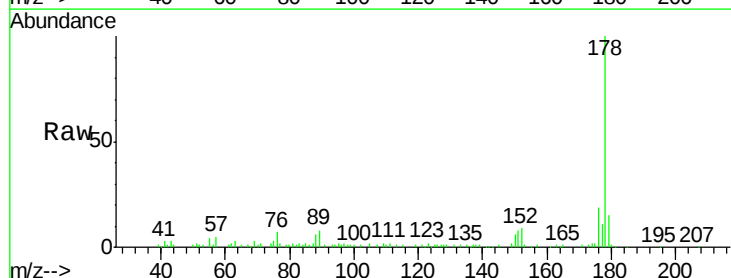
Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Tgt Ion:178 Resp: 56044

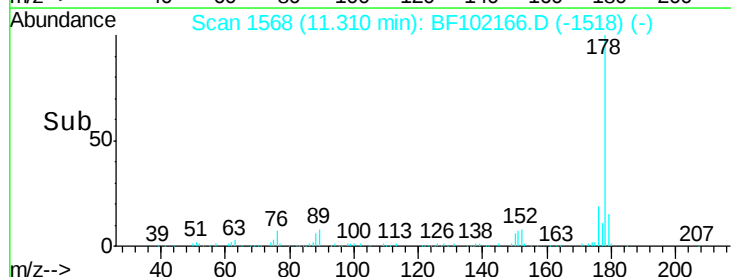
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.6	19.0



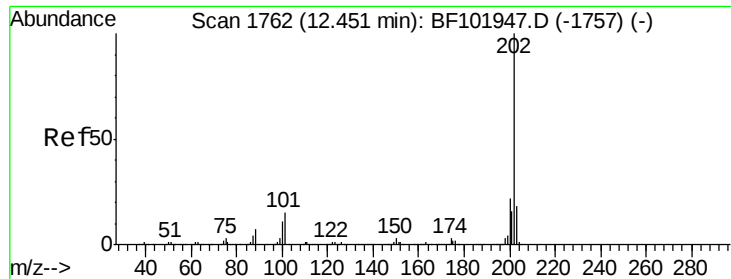
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.30 11.35



#74

Fluoranthene

Concen: 17.114 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampleId :

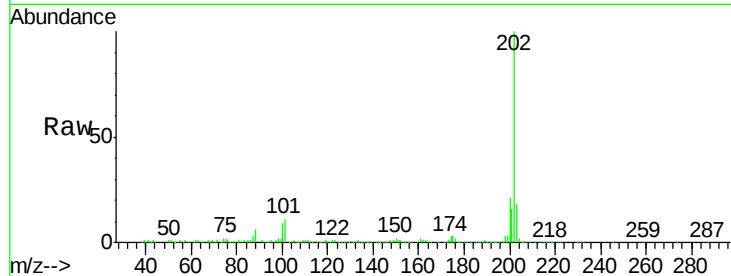
Tot Ion:202 Resp: 339830

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

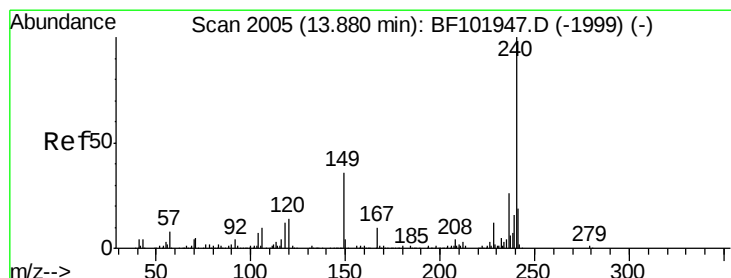
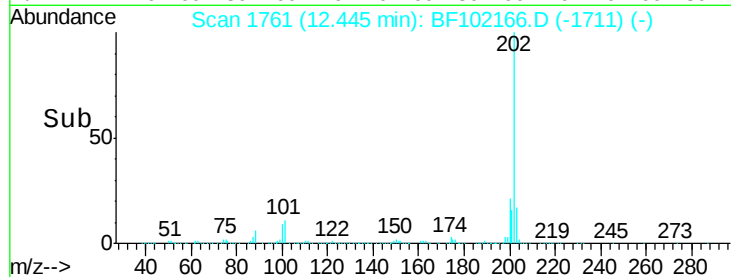
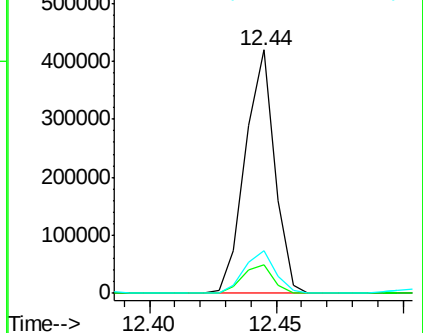
203 17.6 0.0 38.1



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

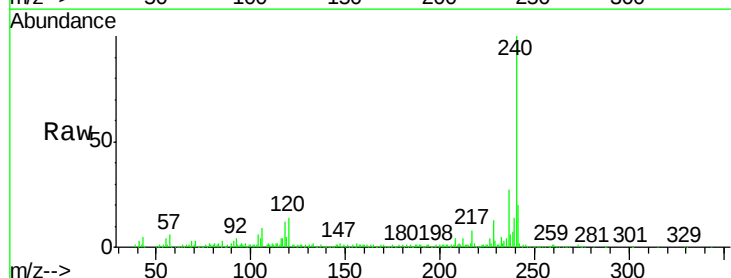
Tgt Ion:240 Resp: 253463

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

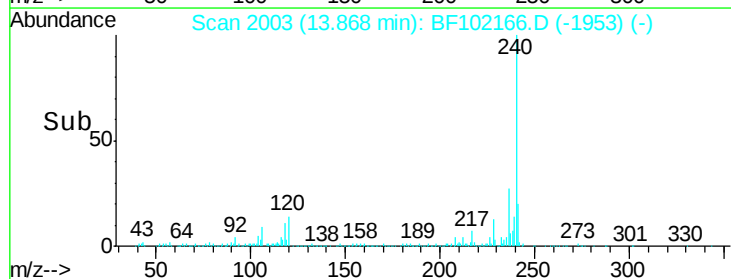
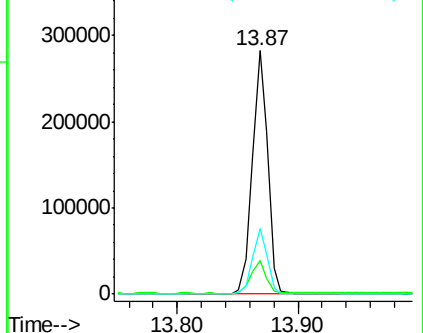
236 27.1 20.7 31.1

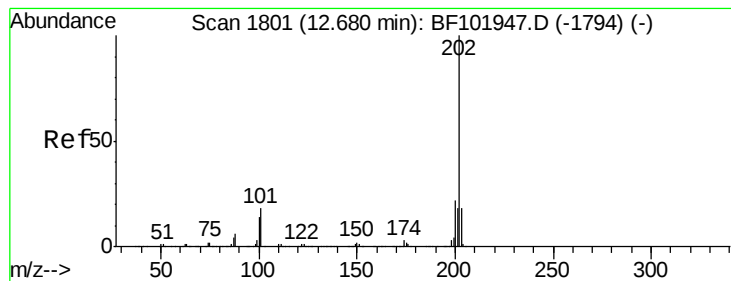


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 13.241 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampleId :

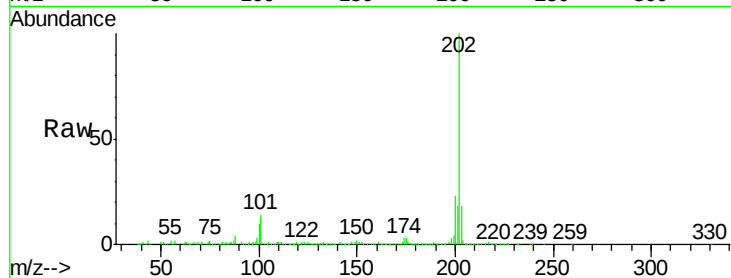
Tot Ion:202 Resp: 296665

Ion Ratio Lower Upper

202 100

200 22.7 17.4 26.2

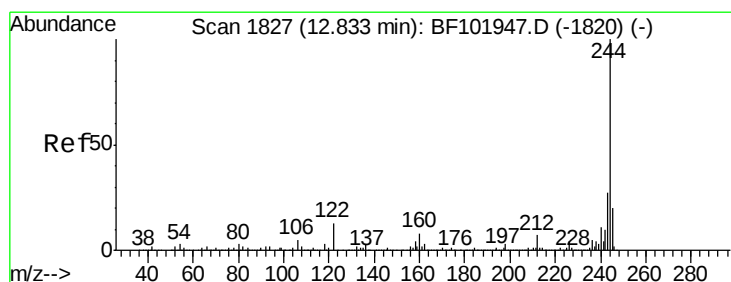
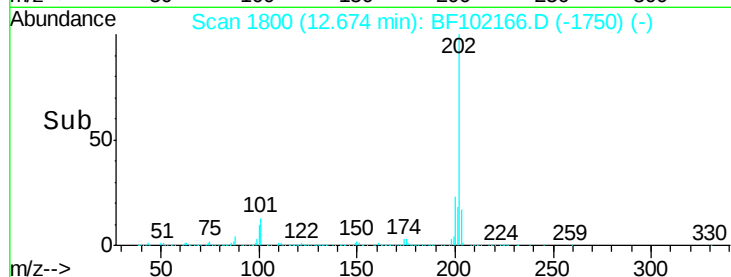
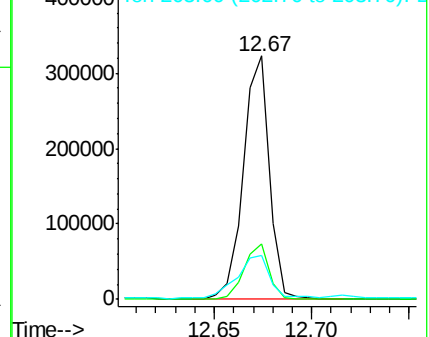
203 17.8 14.3 21.5



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: 59.507 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

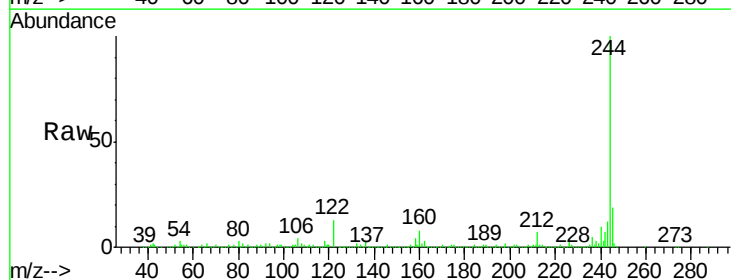
Tgt Ion:244 Resp: 726444

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

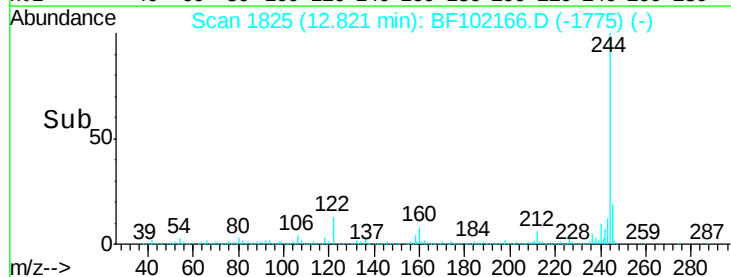
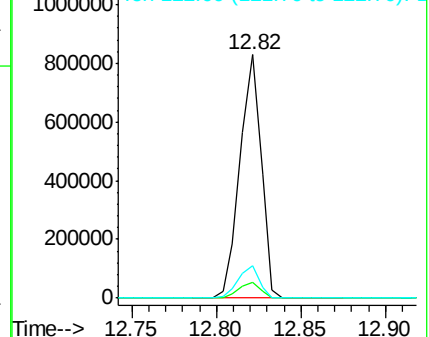
122 13.3 11.0 16.4

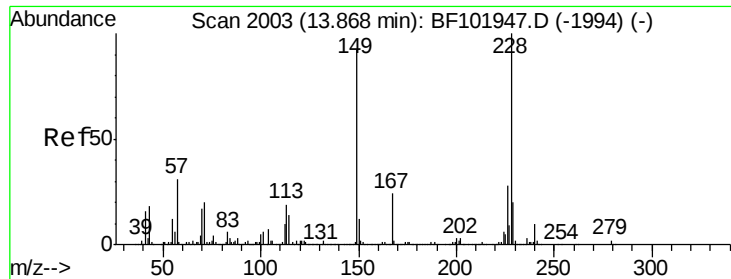


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

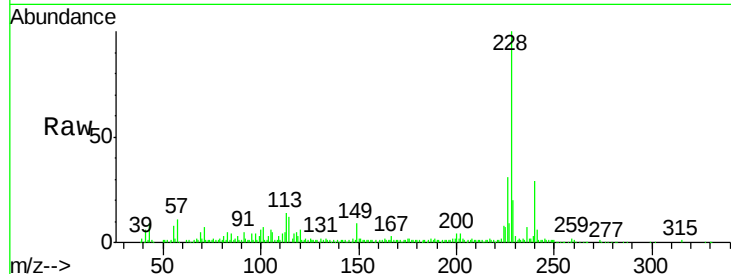




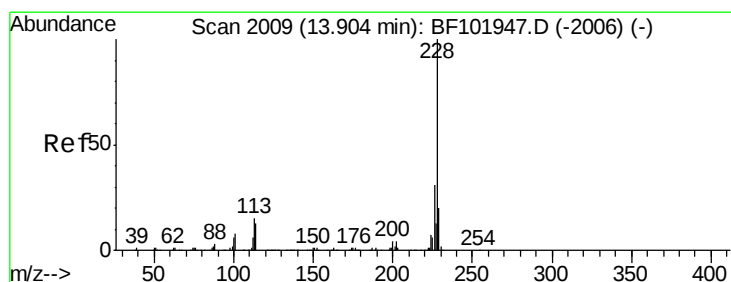
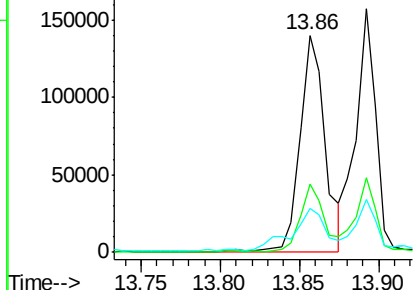
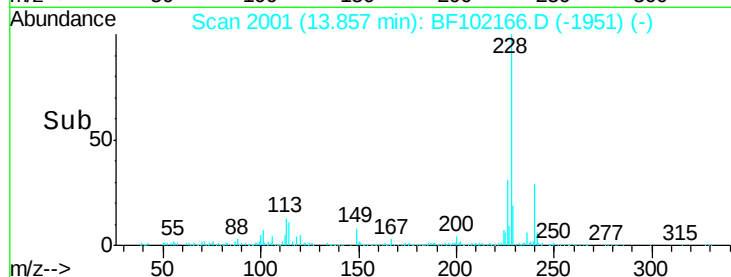
#80
Benzo(a)anthracene
Concen: 9.477 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 153255
Ion Ratio Lower Upper
228 100
226 31.5 22.6 33.8
229 20.3 15.8 23.6

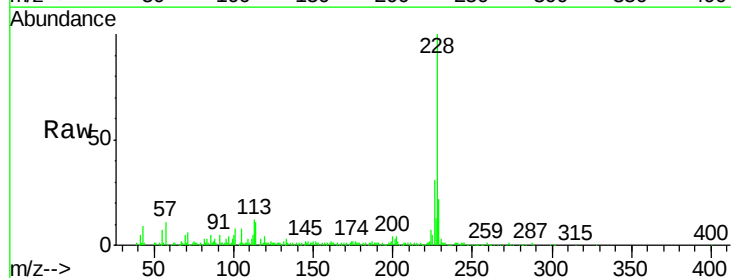


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

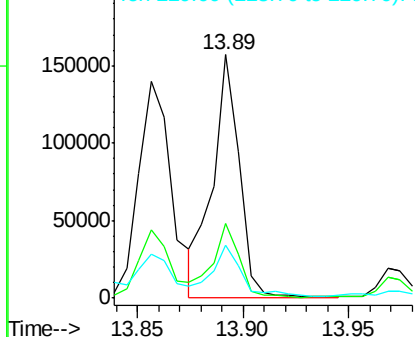
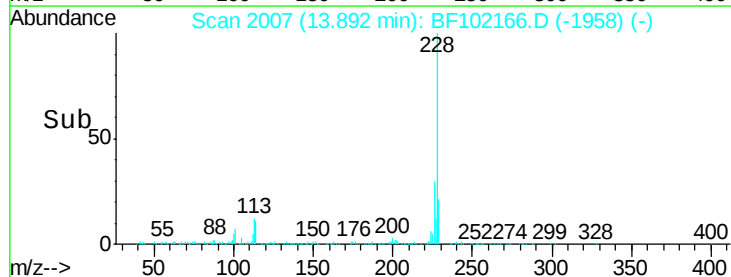


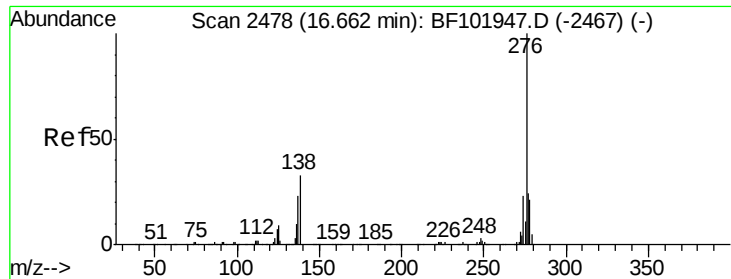
#82
Chrysene
Concen: 8.158 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102166.D
Acq: 17 Jan 2018 22:34

Tgt Ion:228 Resp: 137562
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 21.8 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

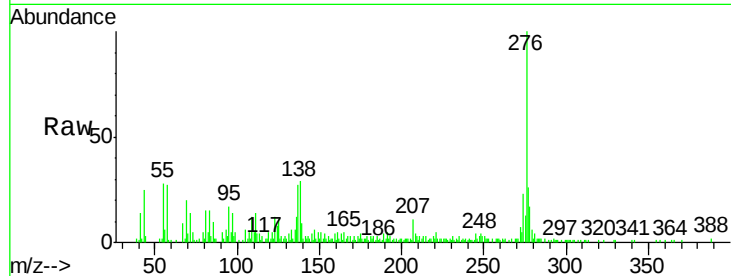




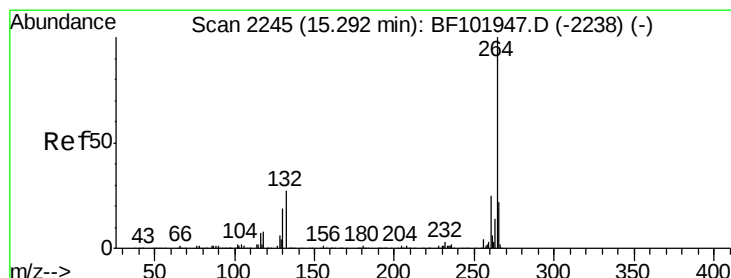
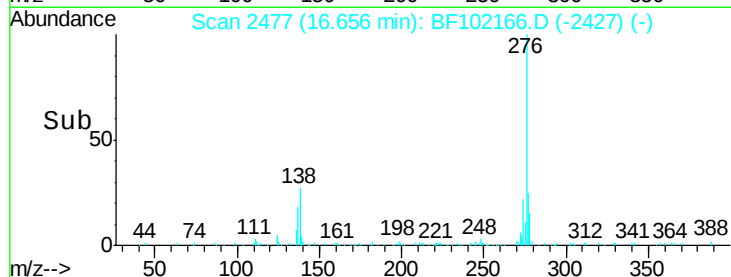
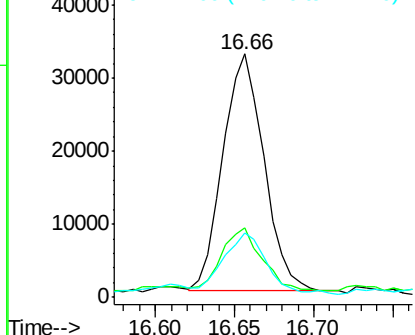
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.762 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF102166.D
 Acq: 17 Jan 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	27.1	20.1	30.1

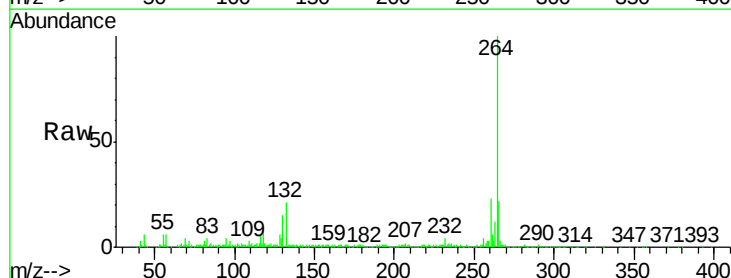


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

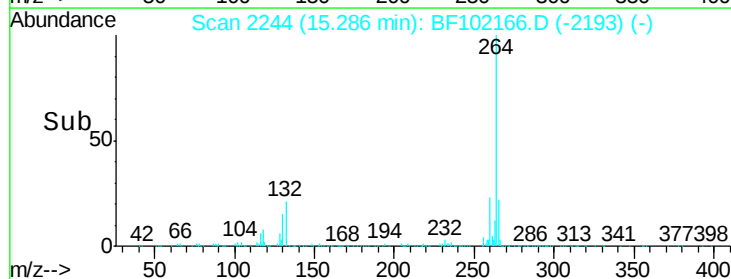
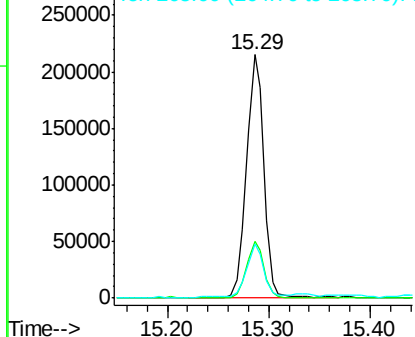


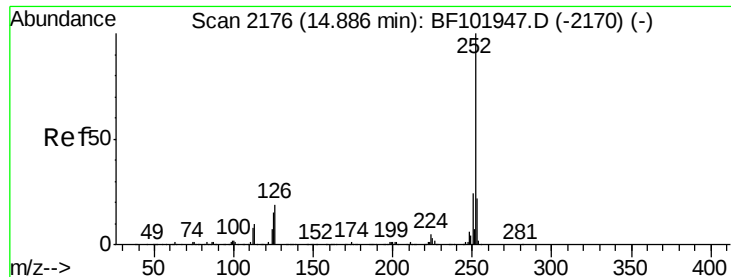
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102166.D
 Acq: 17 Jan 2018 22:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	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: 14.789 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102166.D

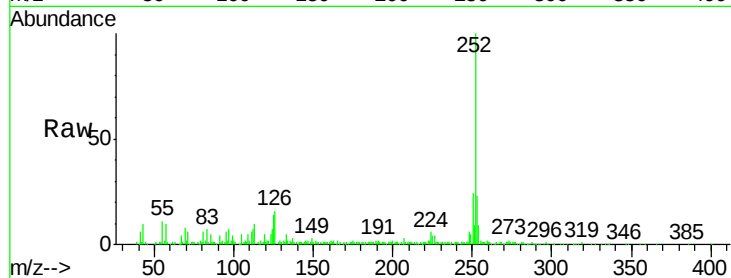
Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampleId :

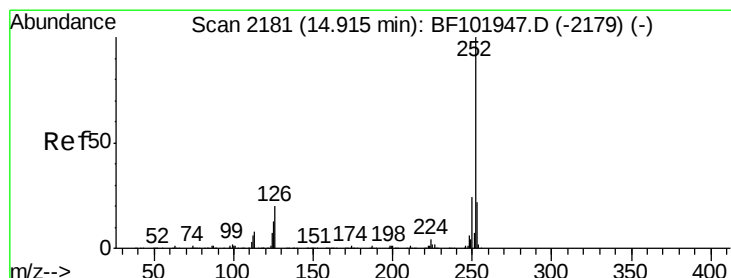
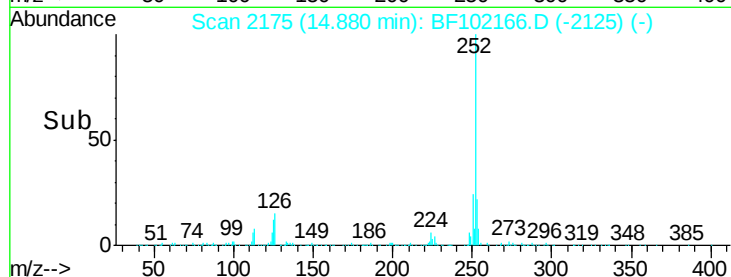
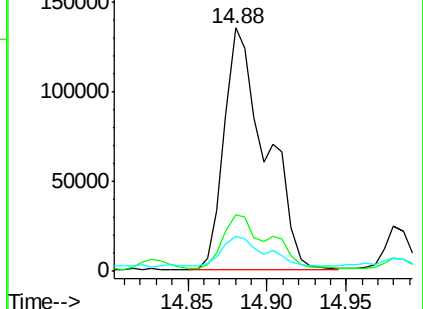
Tot Ion:	252	Resp:	246577
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.2	9.0	13.6#



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: 15.330 ng

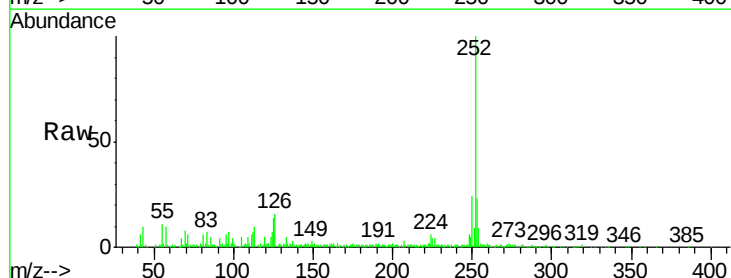
RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

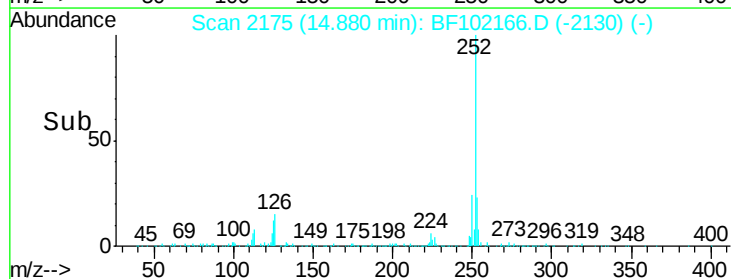
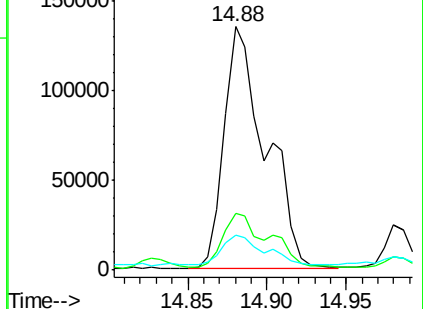
Tgt Ion:	252	Resp:	246577
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.2	10.2	15.2

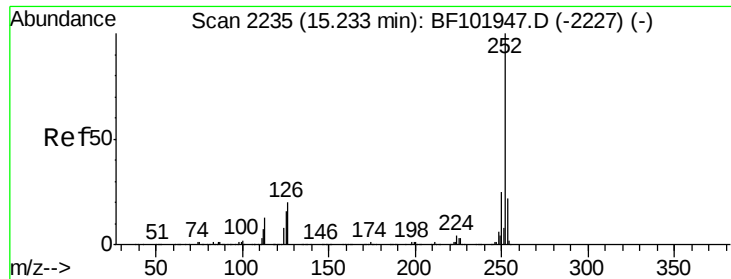


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 8.027 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

Instrument :

BNA_F

ClientSampleId :

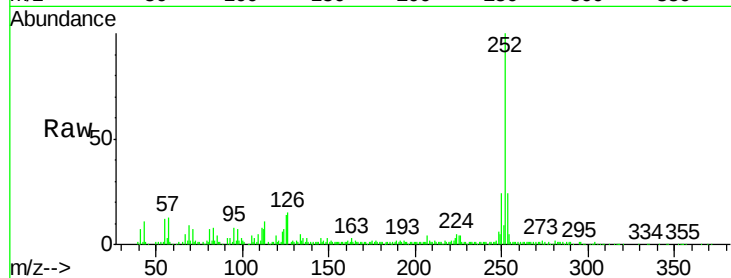
Tot Ion:252 Resp: 120428

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

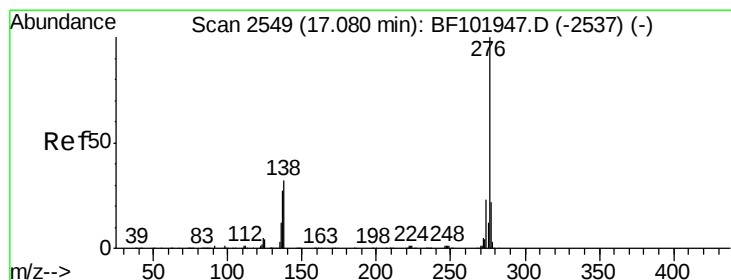
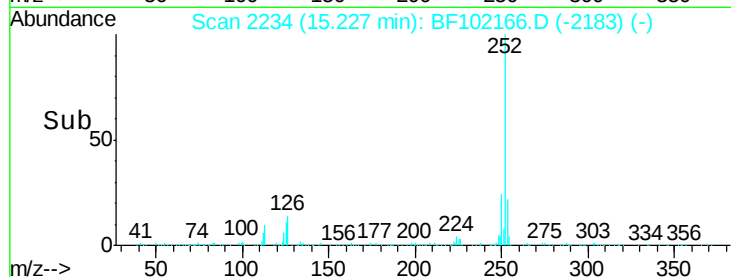
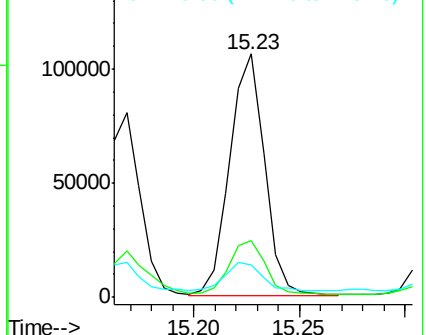
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.698 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF102166.D

Acq: 17 Jan 2018 22:34

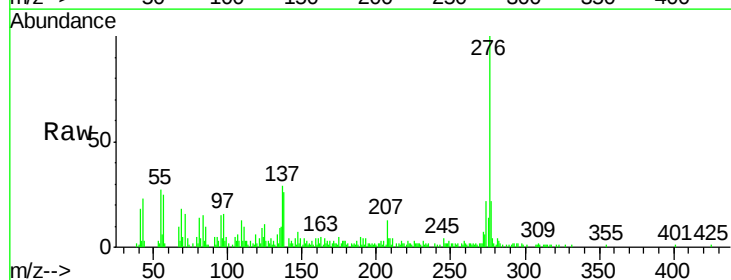
Tgt Ion:276 Resp: 56667

Ion Ratio Lower Upper

276 100

277 22.0 17.9 26.9

138 25.9 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

