

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102422.D
 Acq On : 25 Jan 2018 13:25
 Operator : SJ/JU
 Sample : J1256-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(WW4-8)

Quant Time: Jan 25 15:34:53 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124035	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	466615	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	169846	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	240539	20.00	ng	0.00
75) Chrysene-d12	13.89	240	202979	20.00	ng	0.00
86) Perylene-d12	15.33	264	196320	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	753899	92.16	ng	0.01
7) Phenol-d6	6.36	99	876318	88.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	490442	60.40	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	112934	67.11	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	794734	68.80	ng	0.00
78) Terphenyl-d14	12.83	244	527958	58.64	ng	0.00

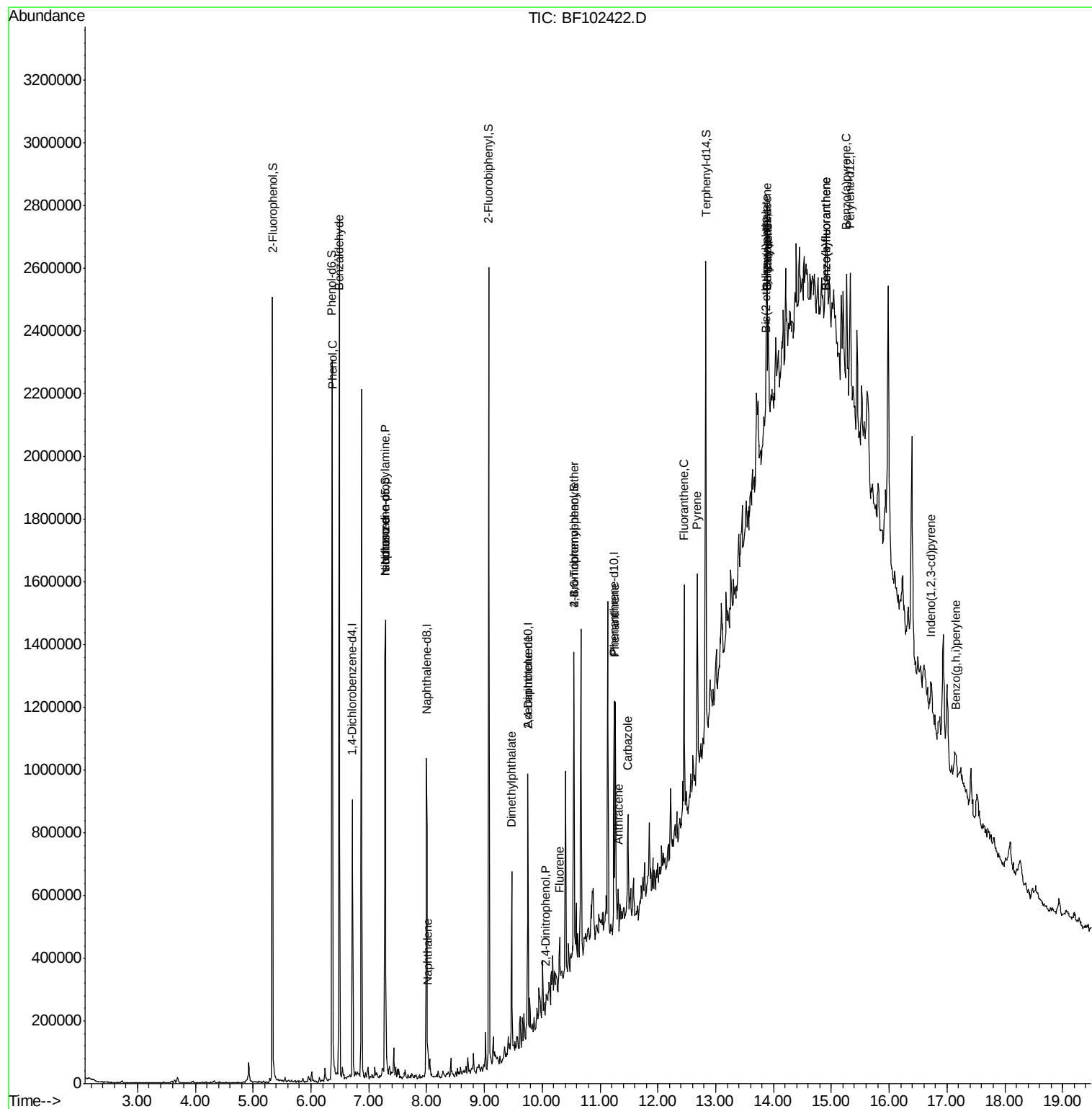
Target Compounds				Qvalue		
9) Benzaldehyde	6.49	77	15440	2.283	ng	85
10) Phenol	6.37	94	43744	4.063	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	64705	10.721	ng	# 78
25) Isophorone	7.29	82	489913	33.844	ng	# 64
31) Naphthalene	8.02	128	50562	2.170	ng	99
49) Dimethylphthalate	9.47	163	169408	12.067	ng	100
53) 2,4-Dinitrophenol	10.05	184	128	3.786	ng	# 29
56) 2,4-Dinitrotoluene	9.75	165	22393	6.016	ng	# 24
57) Fluorene	10.30	166	24451	2.123	ng	# 96
66) 4-Bromophenyl-phenylether	10.54	248	7776	3.003	ng	# 1
70) Phenanthrene	11.26	178	266152	18.988	ng	99
71) Anthracene	11.32	178	48946	3.421	ng	96
72) Carbazole	11.47	167	29758	2.132	ng	# 87
74) Fluoranthene	12.46	202	312536	21.865	ng	96
77) Pyrene	12.68	202	289491	18.446	ng	99
80) Benzo(a)anthracene	13.87	228	132044	10.566	ng	97
82) Chrysene	13.91	228	128860	10.154	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	34803	3.316	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.73	276	62874	5.999	ng	97
87) Benzo(b)fluoranthene	14.92	252	219293	17.234	ng	# 72
88) Benzo(k)fluoranthene	14.92	252	219293	18.241	ng	# 75
89) Benzo(a)pyrene	15.27	252	104244	9.084	ng	# 67
91) Benzo(g,h,i)perylene	17.16	276	61632	6.714	ng	# 86

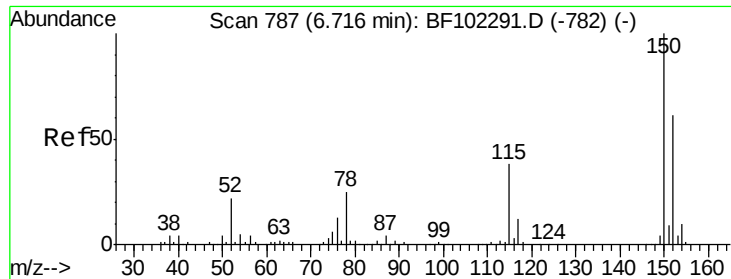
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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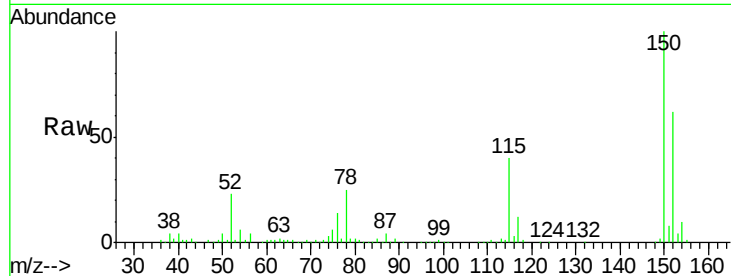


#1

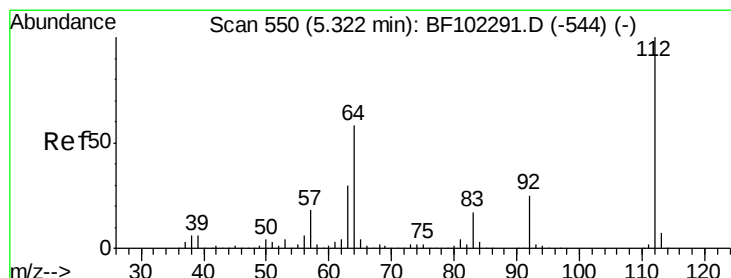
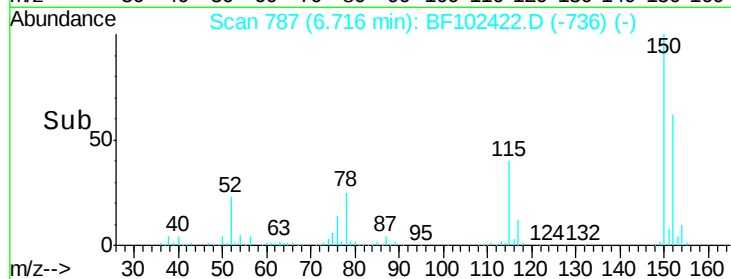
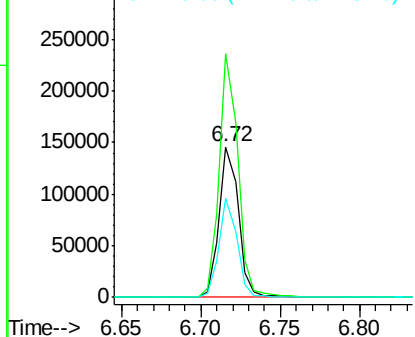
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102422.D
 Acq: 25 Jan 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(WW4-8)

Tgt Ion:152 Resp: 124035
 Ion Ratio Lower Upper
 152 100
 150 161.8 124.6 186.8
 115 65.4 50.1 75.1



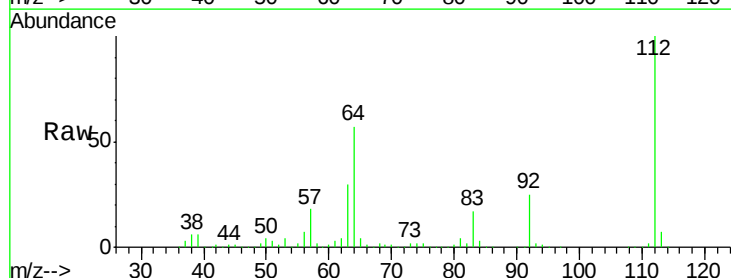
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



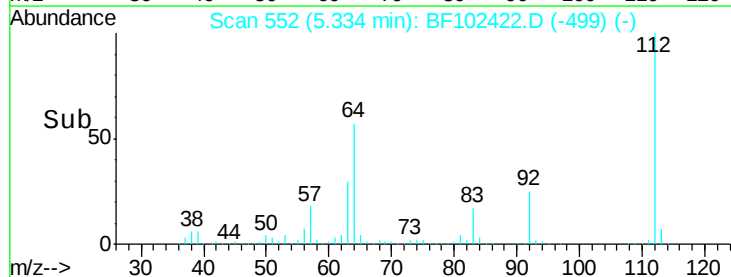
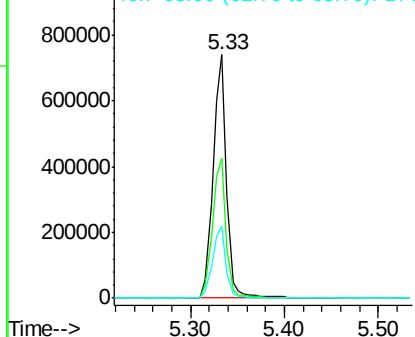
#5

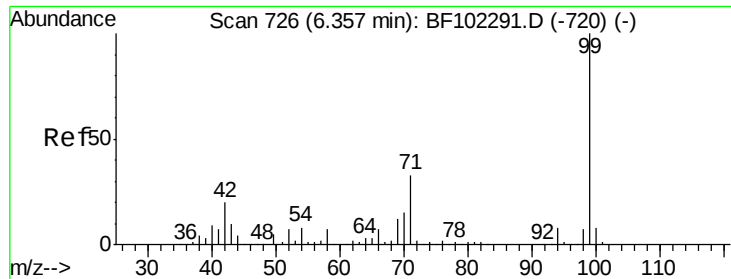
2-Fluorophenol
 Concen: 92.160 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102422.D
 Acq: 25 Jan 2018 13:25

Tgt Ion:112 Resp: 753899
 Ion Ratio Lower Upper
 112 100
 64 57.5 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: 88.857 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

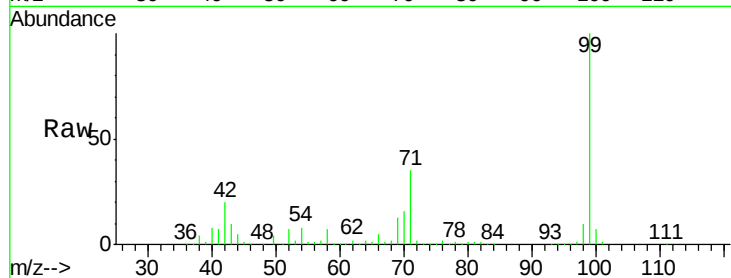
Tgt Ion: 99 Resp: 876318

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

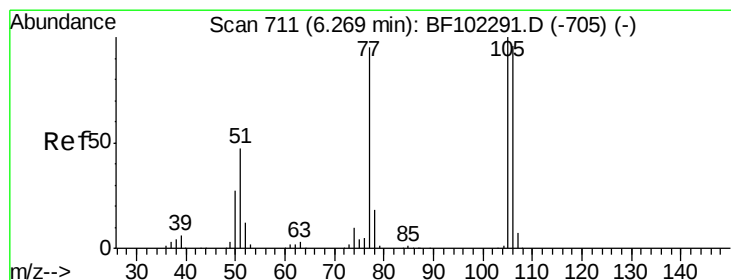
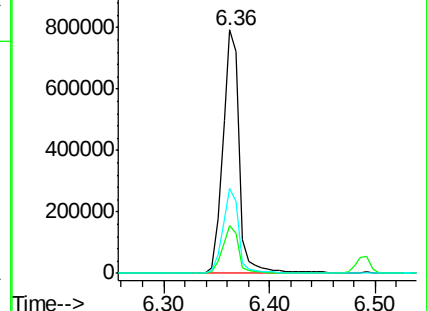
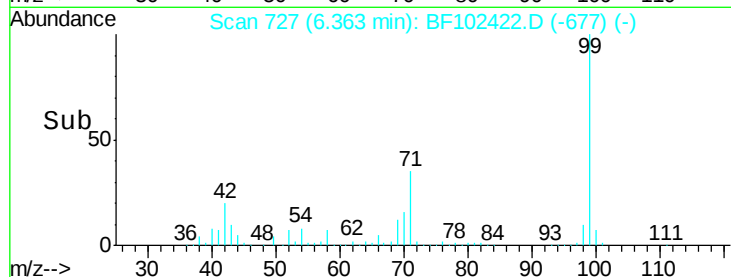
71 34.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.283 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

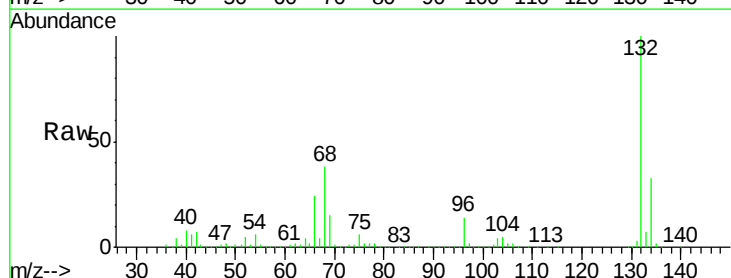
Tgt Ion: 77 Resp: 15440

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

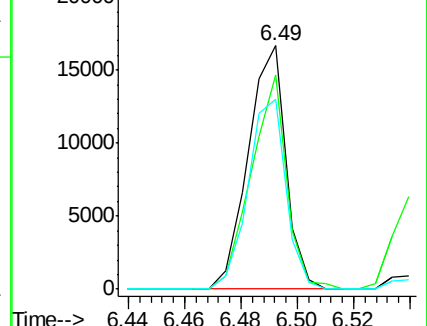
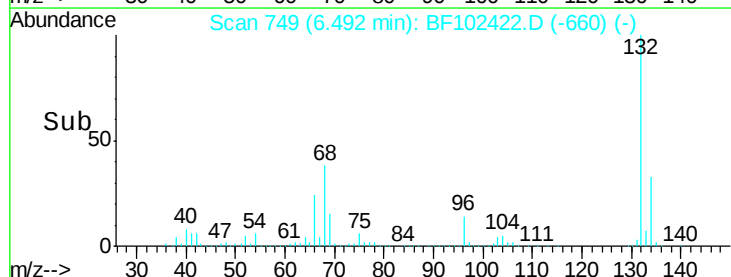
106 77.9 74.5 114.5

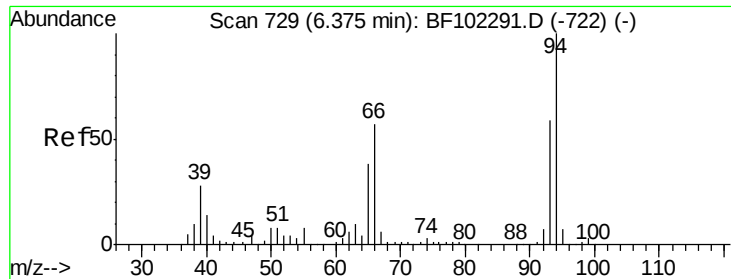


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.063 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

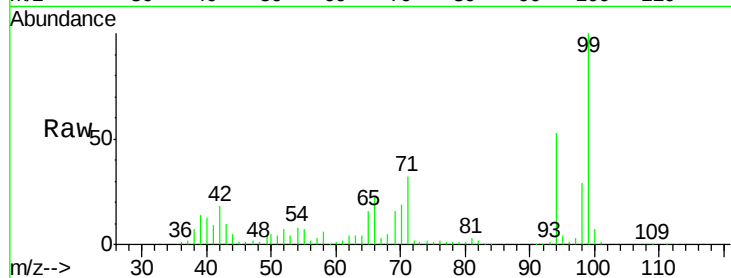
Tgt Ion: 94 Resp: 43744

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

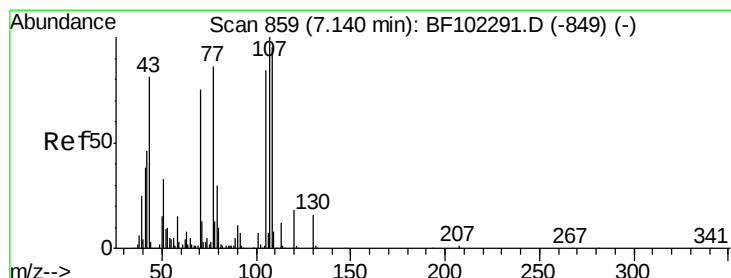
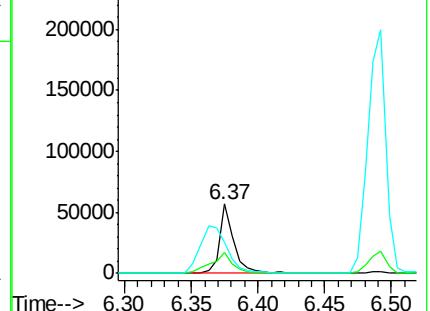
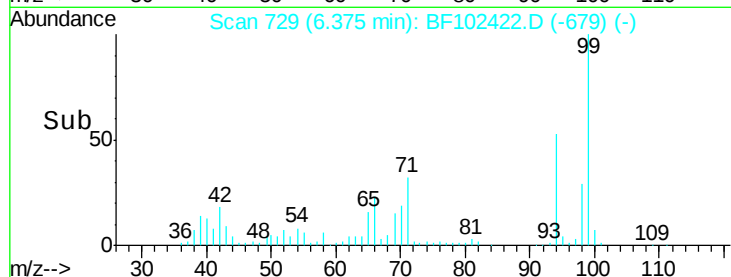
66 44.2 16.2 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.721 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Tgt Ion: 70 Resp: 64705

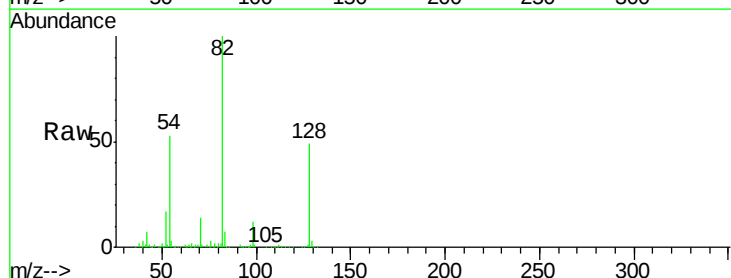
Ion Ratio Lower Upper

70 100

42 48.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

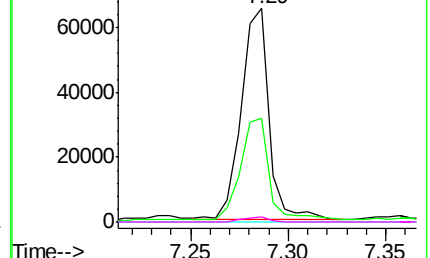
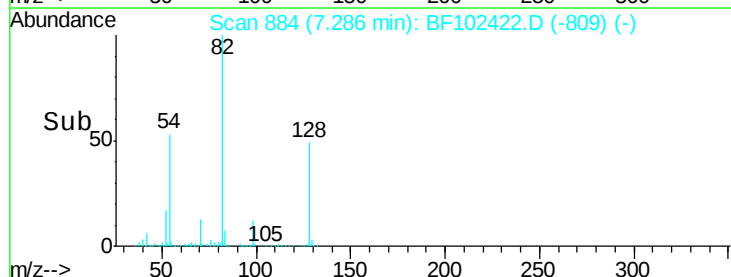


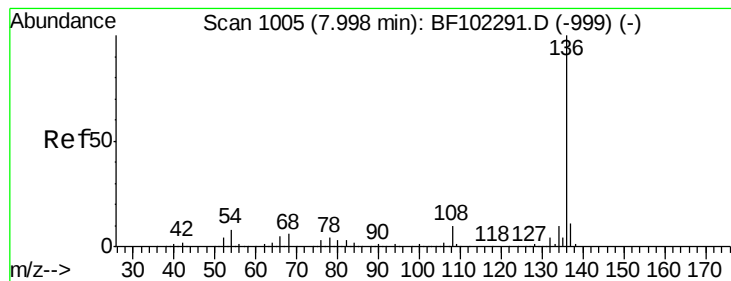
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

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DB-OF-N-S-(WW4-8)

Tgt Ion: 136 Resp: 466615

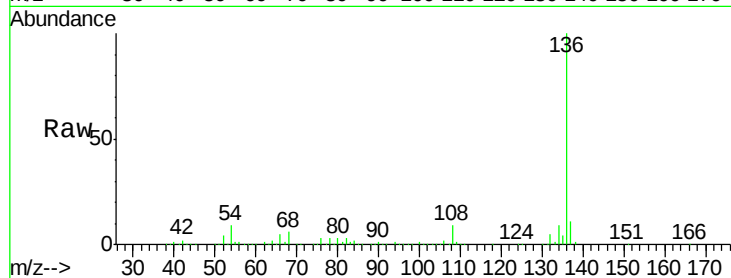
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 6.6 9.8

68 5.7 5.0 7.4

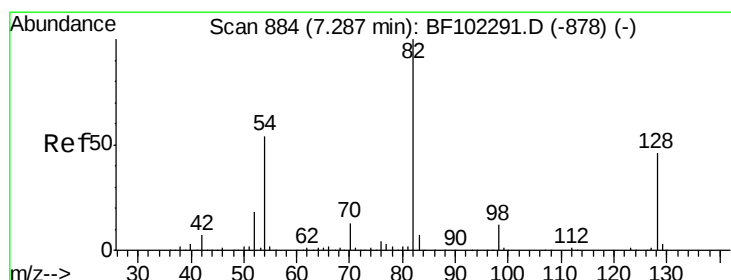
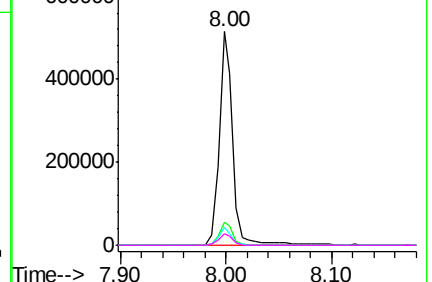
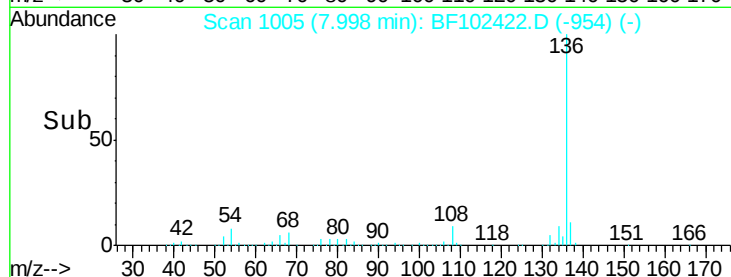


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.401 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

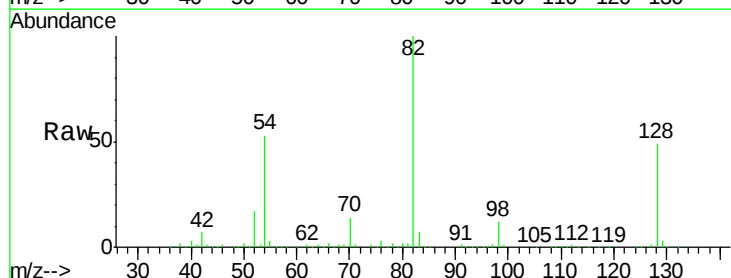
Tgt Ion: 82 Resp: 490442

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

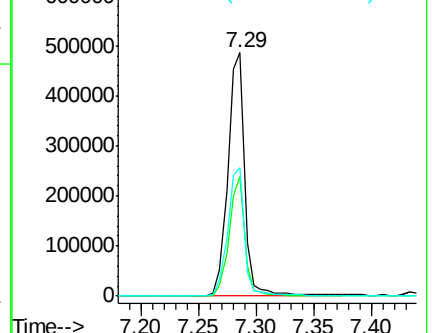
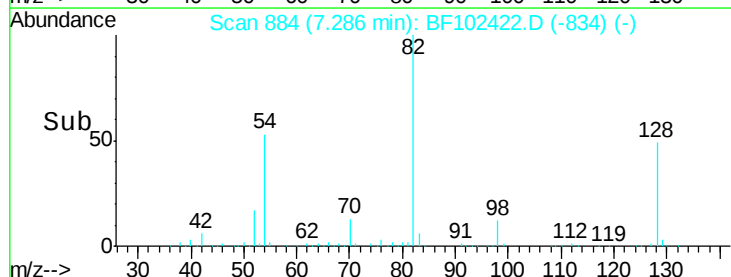
54 52.9 41.4 62.2

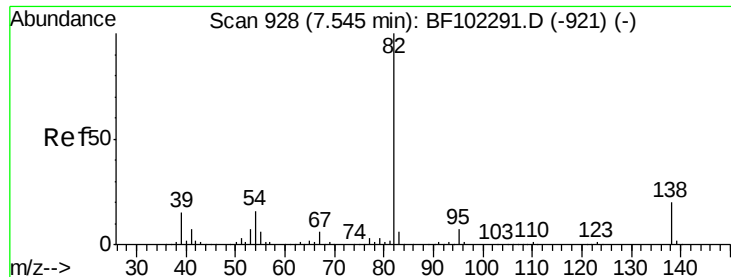


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.844 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

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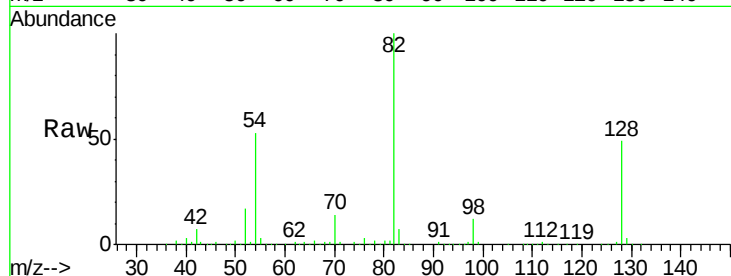
Tgt Ion: 82 Resp: 489913

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

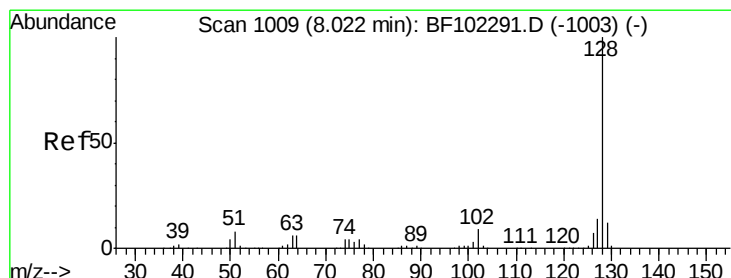
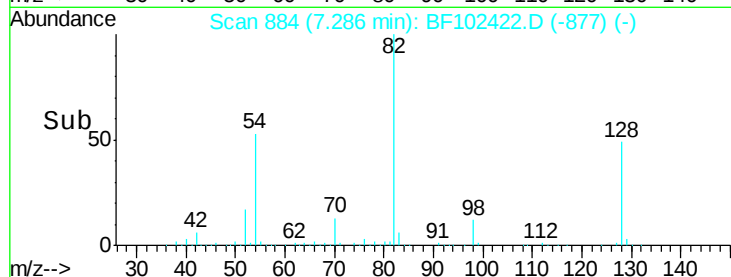
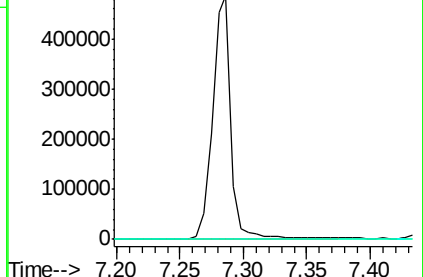
138 0.0 14.9 22.3#



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: 2.170 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

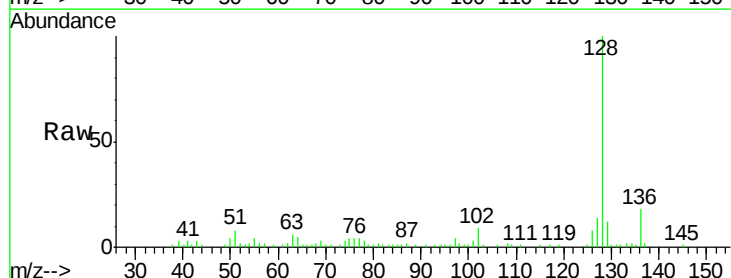
Tgt Ion: 128 Resp: 50562

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

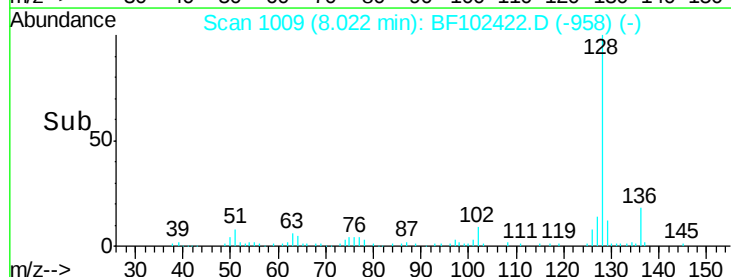
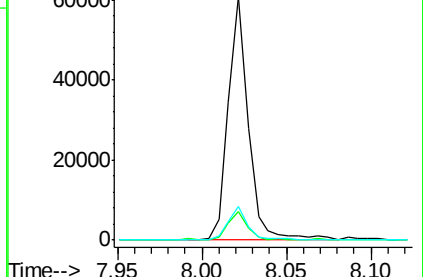
127 14.1 10.9 16.3

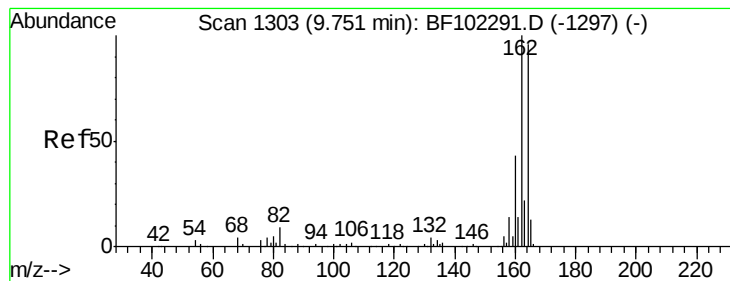


Abundance Ion 128.00 (127.70 to 128.70): E

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: BF102422.D

Acq: 25 Jan 2018 13:25

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ClientSampleId :

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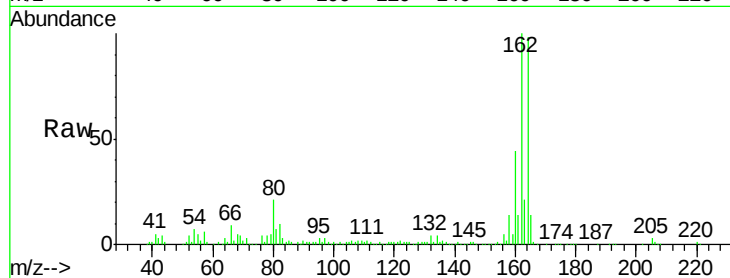
Tgt Ion:164 Resp: 169846

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

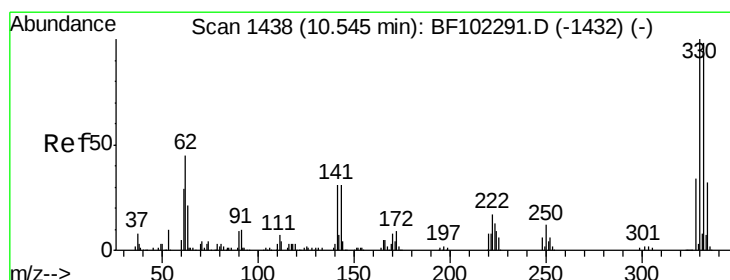
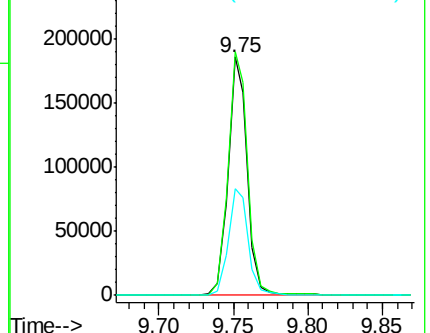
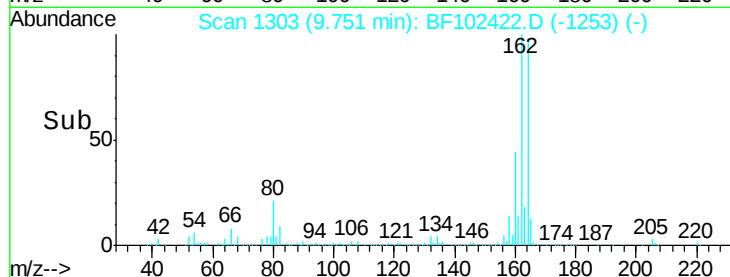
160 44.6 38.3 57.5



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: 67.106 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

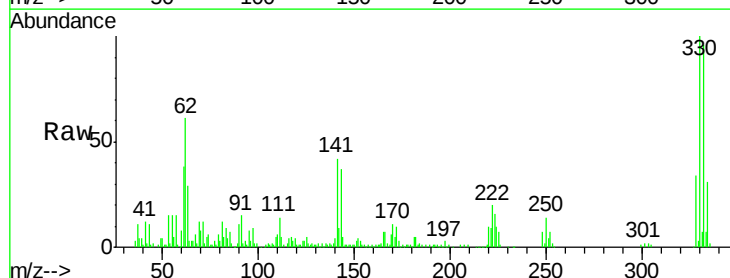
Tgt Ion:330 Resp: 112934

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

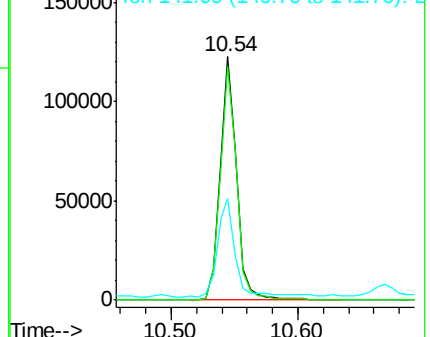
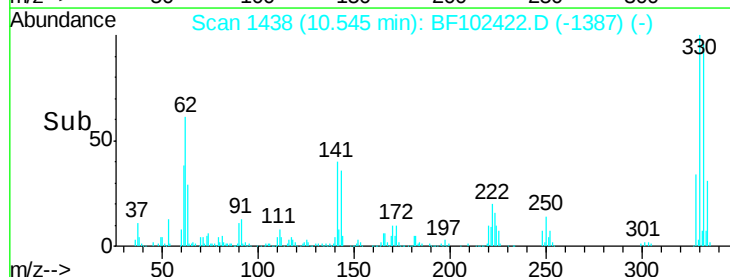
141 43.5 29.9 44.9

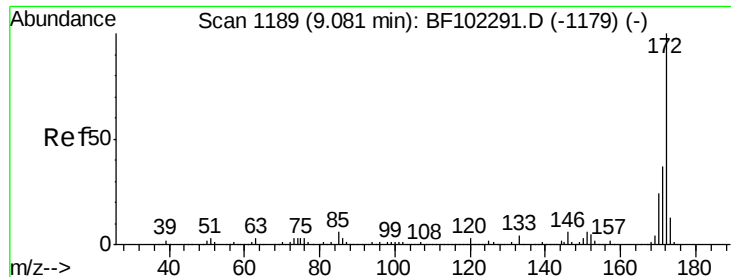


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

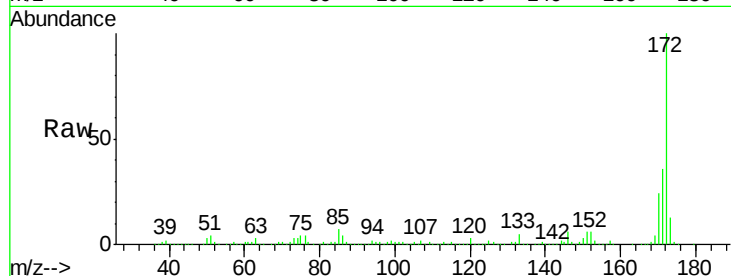




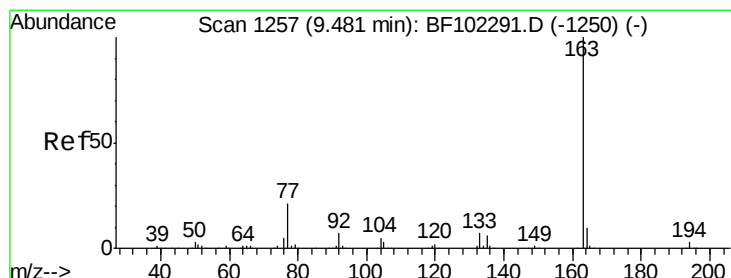
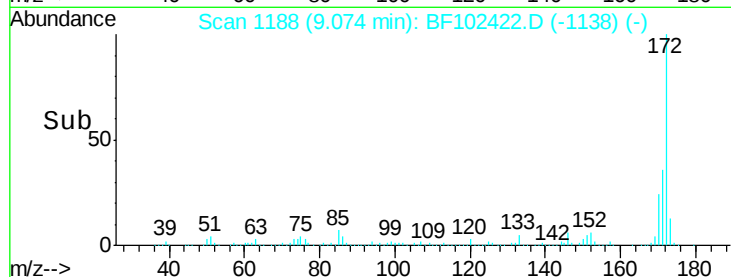
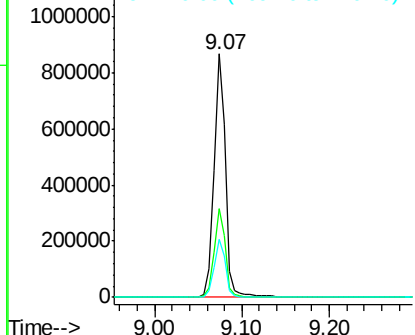
#44
2-Fluorobiphenyl
Concen: 68.800 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(WW4-8)

Tgt Ion:172 Resp: 794734
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4

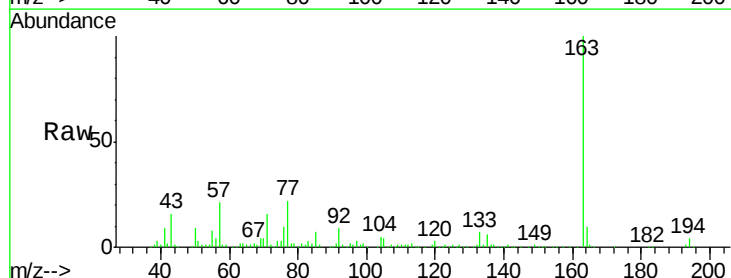


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

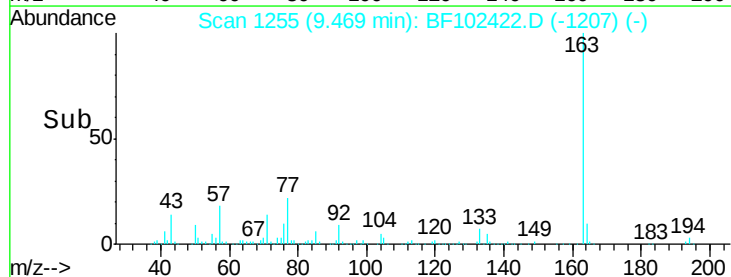
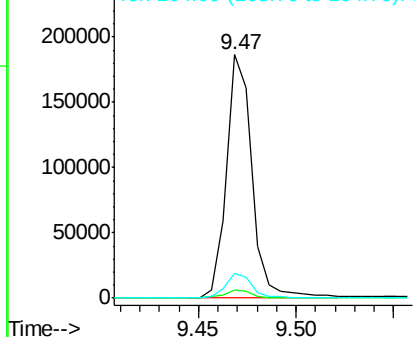


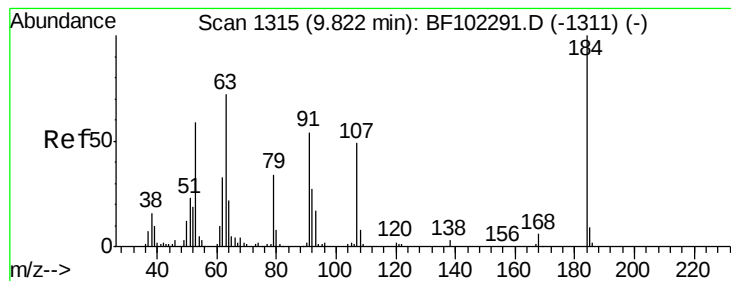
#49
Dimethylphthalate
Concen: 12.067 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

Tgt Ion:163 Resp: 169408
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 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





#53

2,4-Dinitrophenol

Concen: 3.786 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.22 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

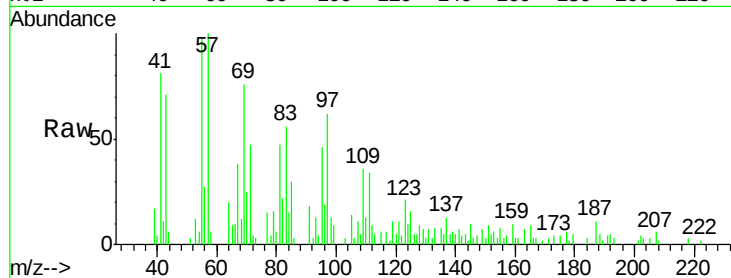
Tgt Ion:184 Resp: 128

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

154 119.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

1500

1000

500

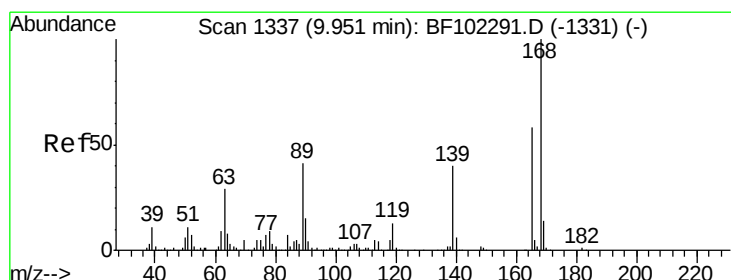
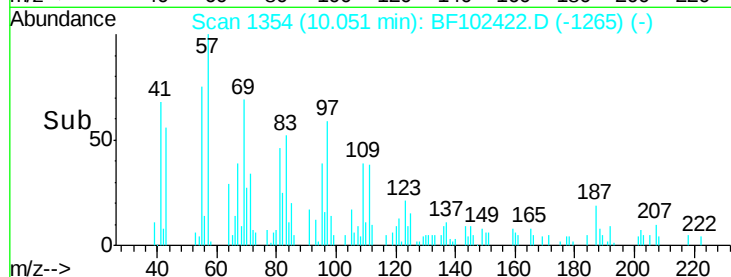
0

10.04

10.05

10.06

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.016 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Tgt Ion:165 Resp: 22393

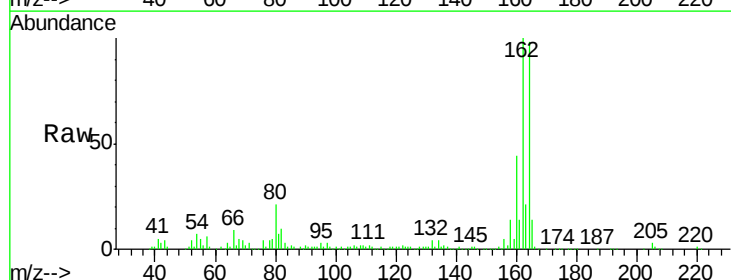
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

40000

30000

20000

10000

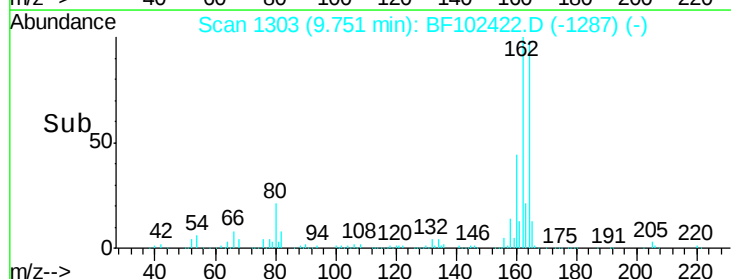
0

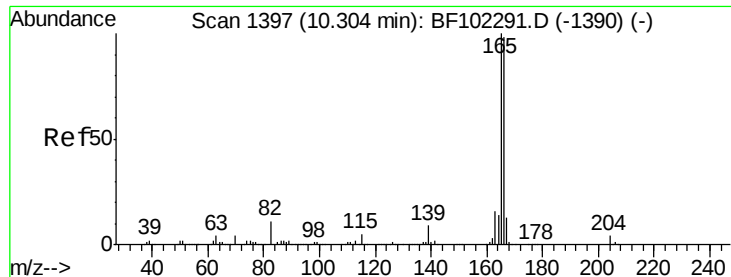
9.70

9.75

9.80

Time-->





#57

Fluorene

Concen: 2.123 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

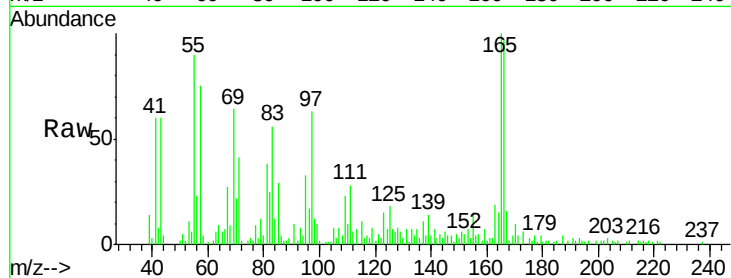
Tgt Ion:166 Resp: 24451

Ion Ratio Lower Upper

166 100

165 103.6 79.8 119.8

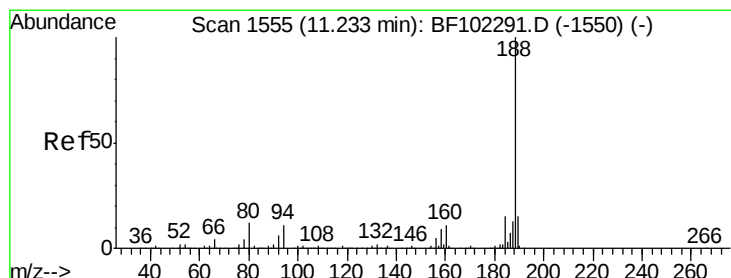
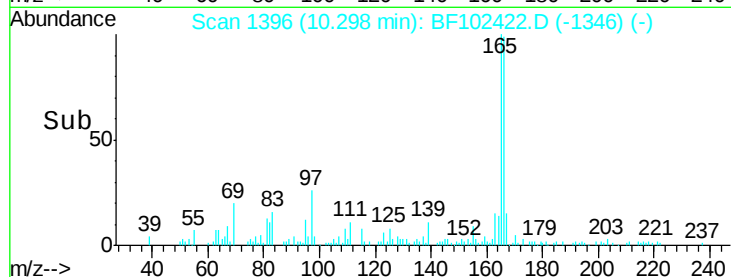
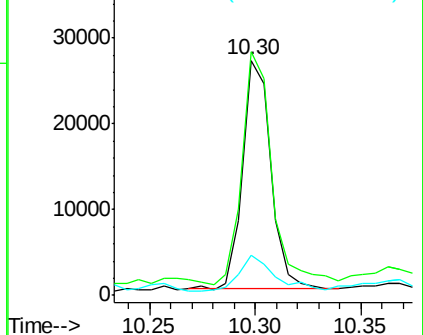
167 17.0 10.6 16.0#



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: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

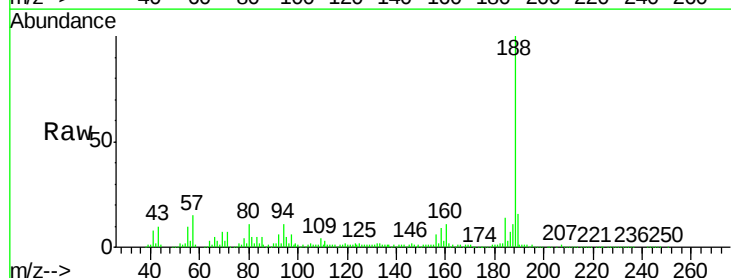
Tgt Ion:188 Resp: 240539

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

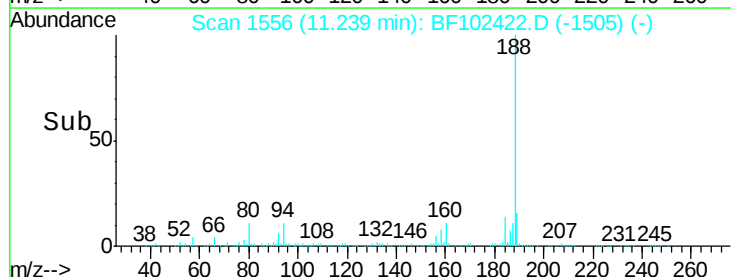
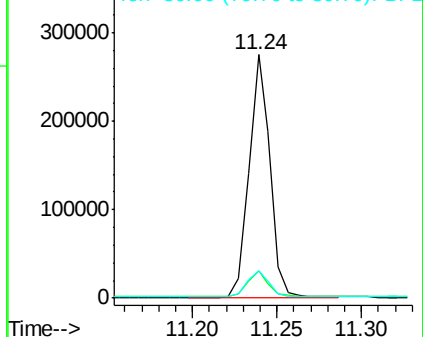
80 11.4 9.2 13.8

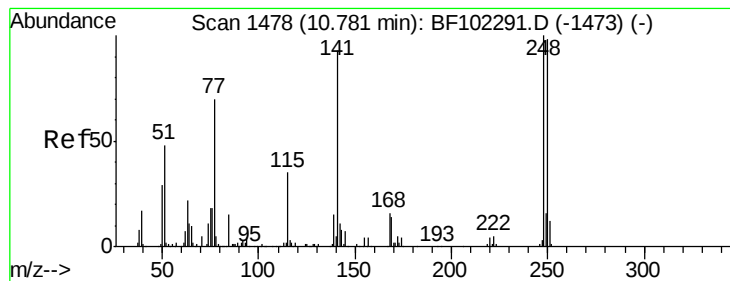


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#66

4-Bromophenyl-phenylether

Concen: 3.003 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

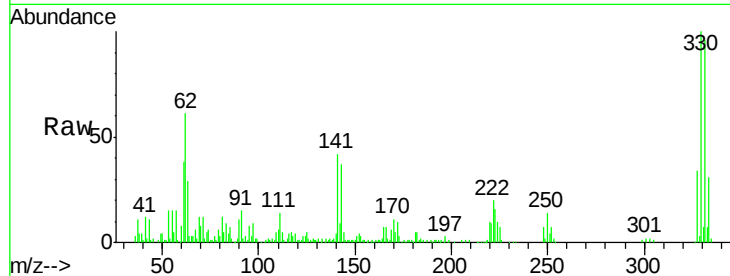
Tgt Ion:248 Resp: 7776

Ion Ratio Lower Upper

248 100

250 197.6 76.9 115.3#

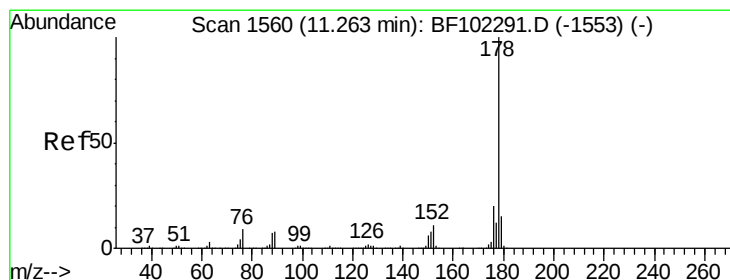
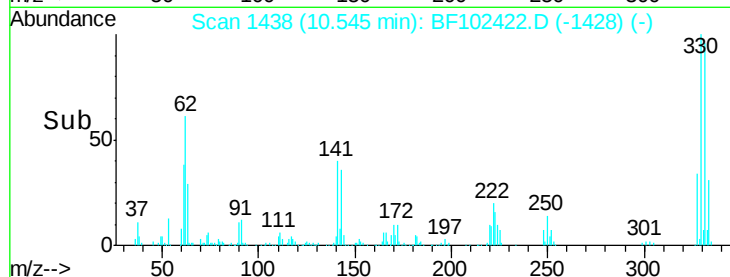
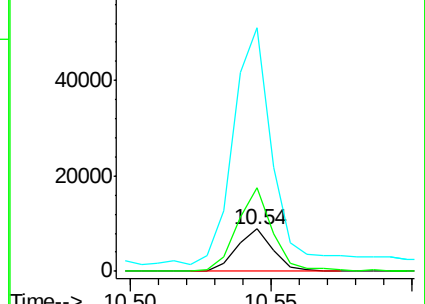
141 573.5 74.4 111.6#



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: 18.988 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

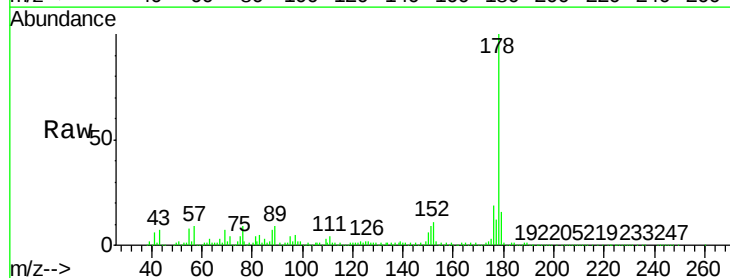
Tgt Ion:178 Resp: 266152

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

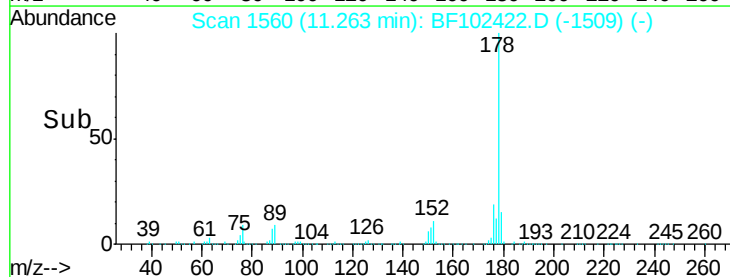
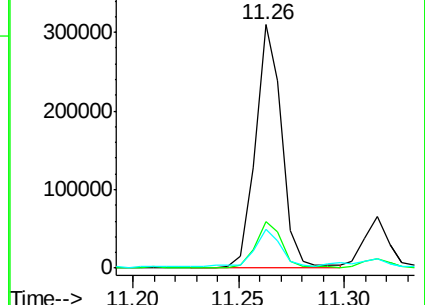
179 16.1 13.0 19.6

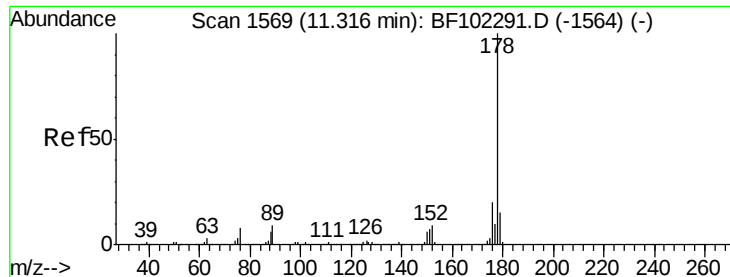


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.421 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

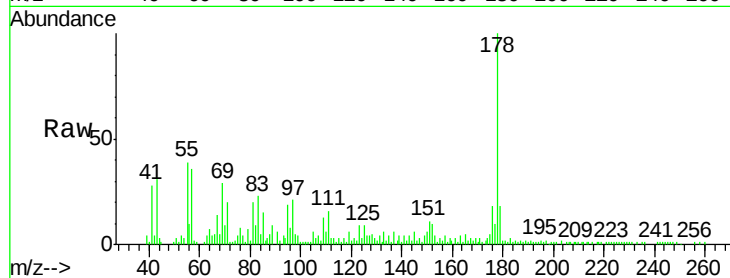
Tgt Ion:178 Resp: 48946

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

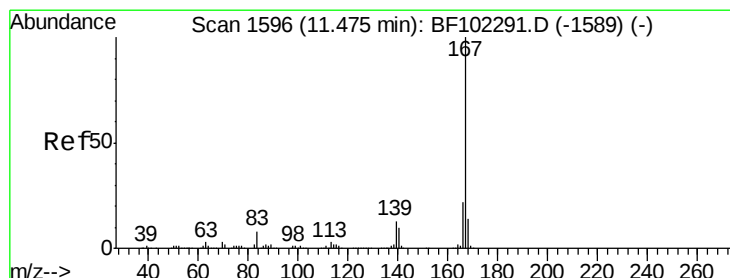
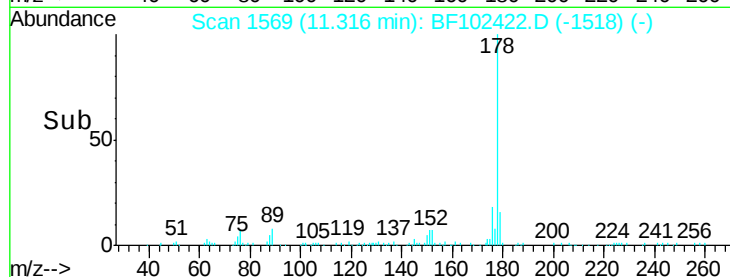
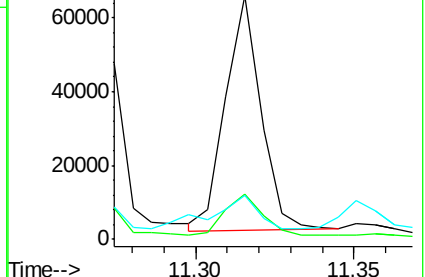
179 18.1 12.6 19.0



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: 2.132 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

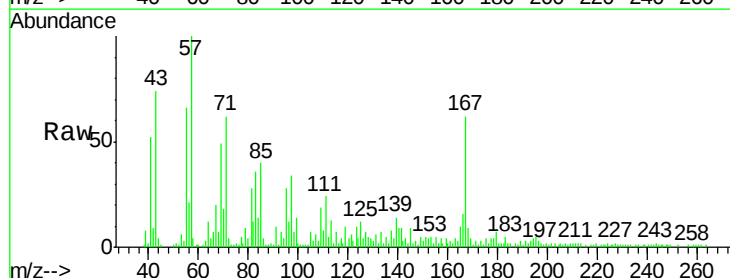
Tgt Ion:167 Resp: 29758

Ion Ratio Lower Upper

167 100

166 25.9 17.6 26.4

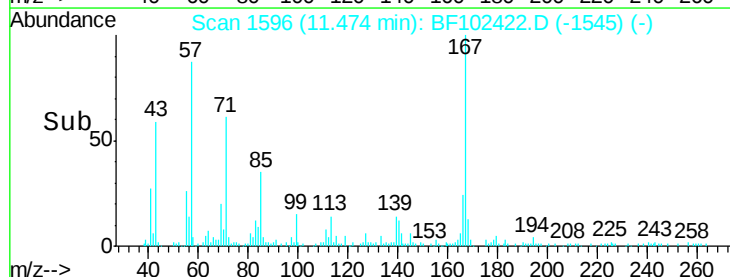
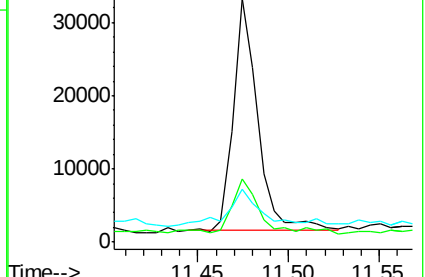
139 21.8 10.9 16.3#

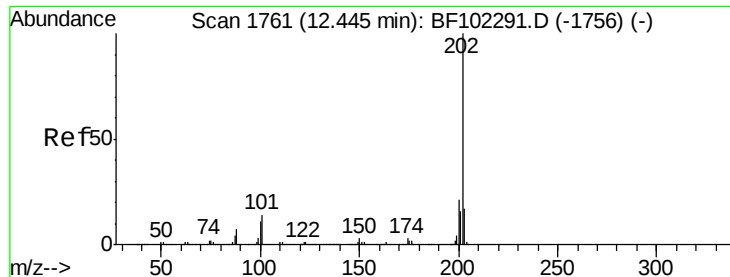


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

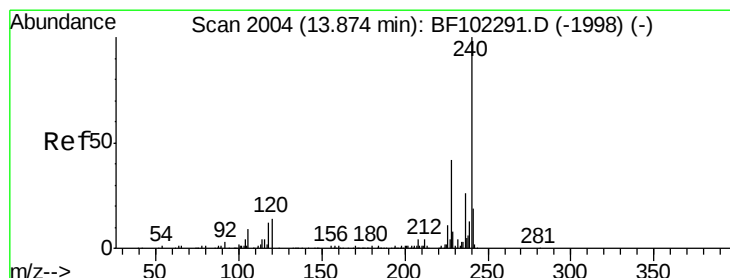
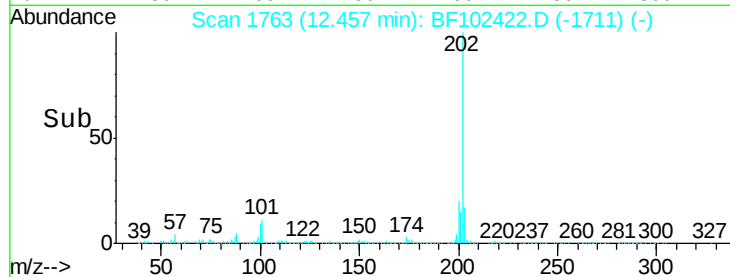
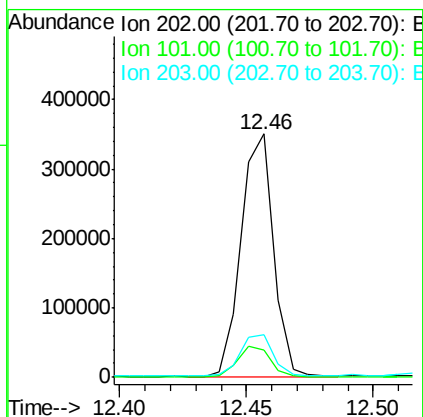
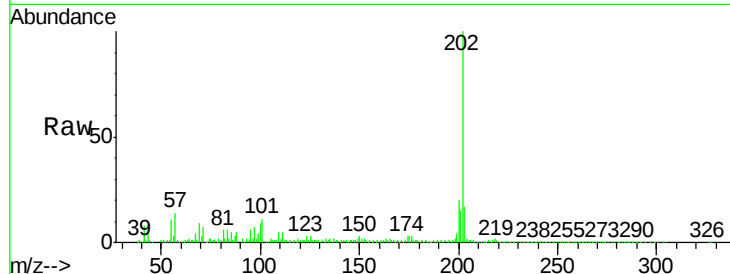




#74
Fluoranthene
Concen: 21.865 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

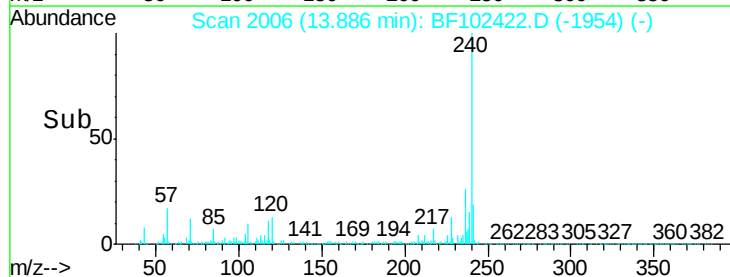
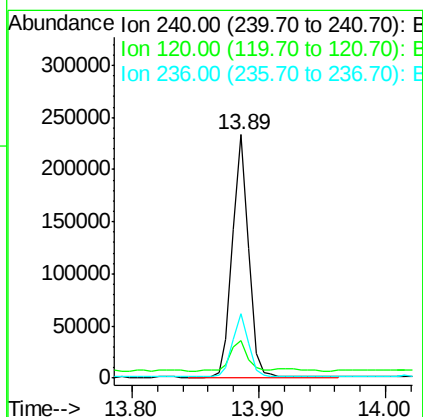
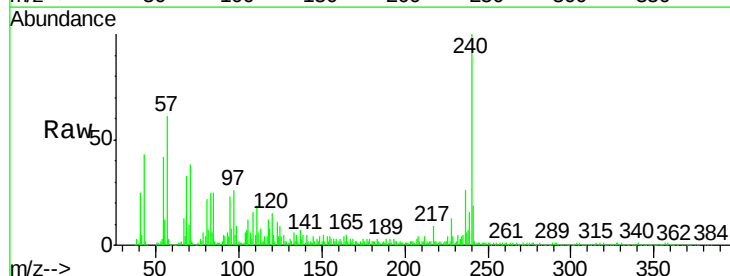
Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(WW4-8)

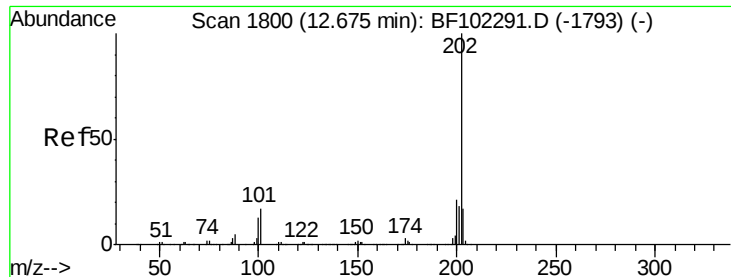
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.3	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	26.3	20.7	31.1

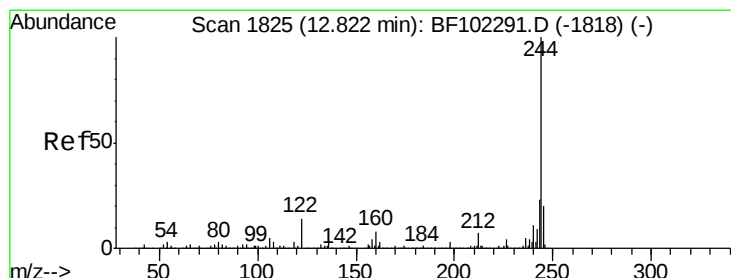
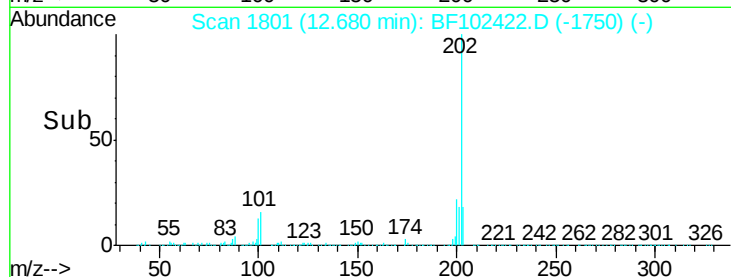
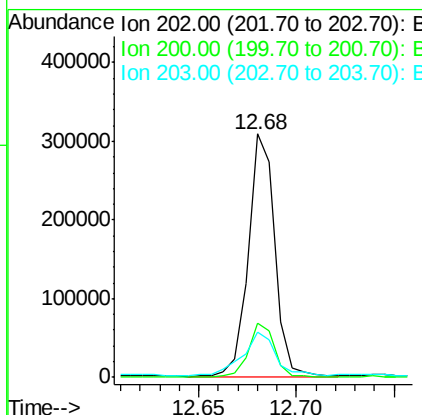
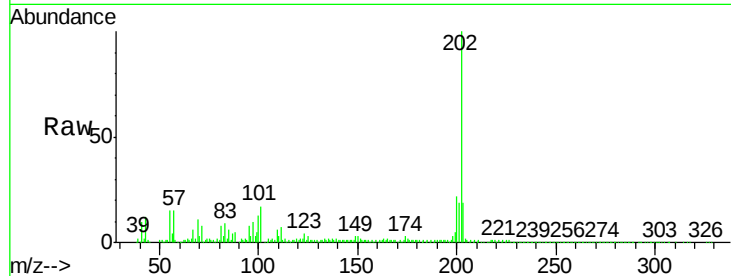




#77
 Pyrene
 Concen: 18.446 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF102422.D
 Acq: 25 Jan 2018 13:25

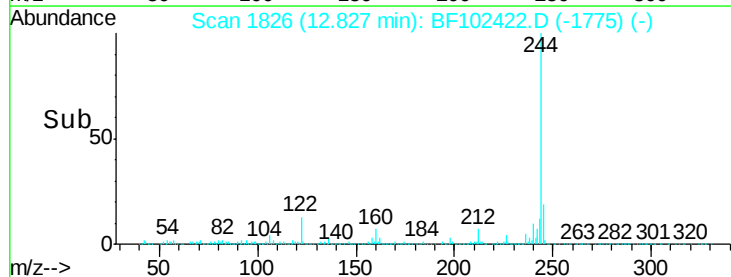
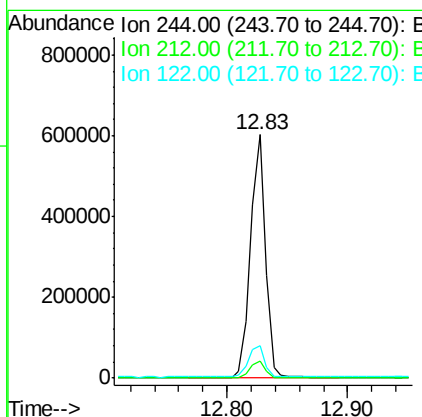
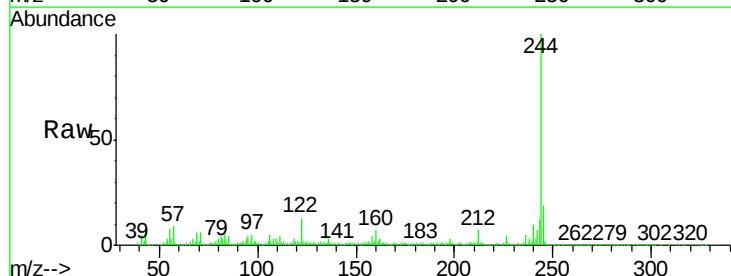
Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(WW4-8)

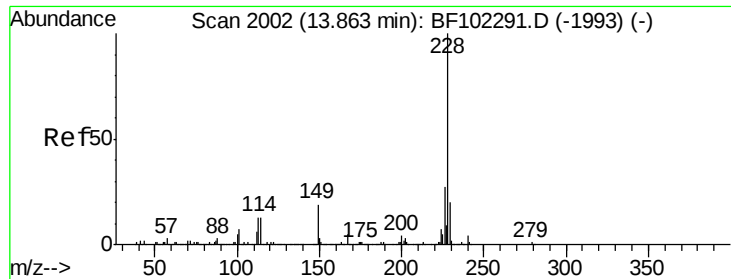
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 58.637 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102422.D
 Acq: 25 Jan 2018 13:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.3	11.0	16.4





#80

Benzo(a)anthracene

Concen: 10.566 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

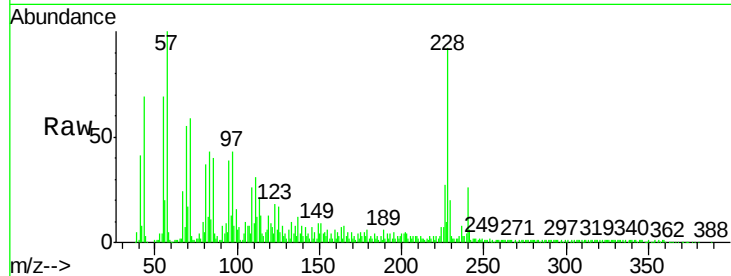
Tgt Ion:228 Resp: 132044

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

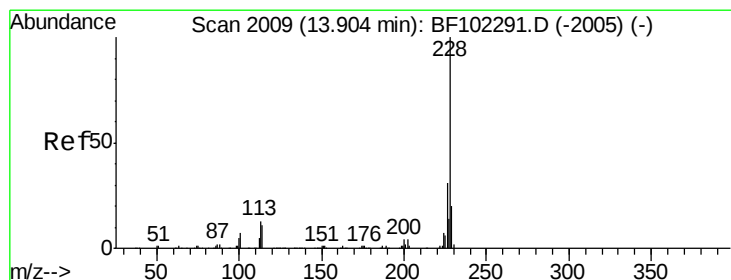
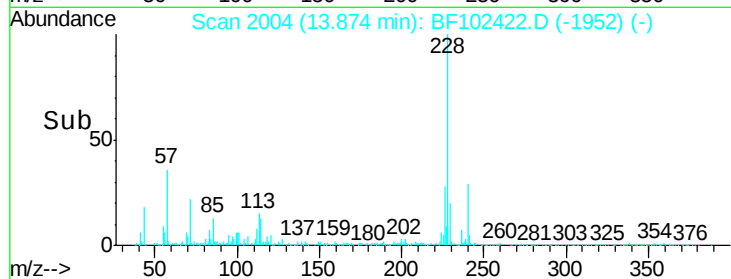
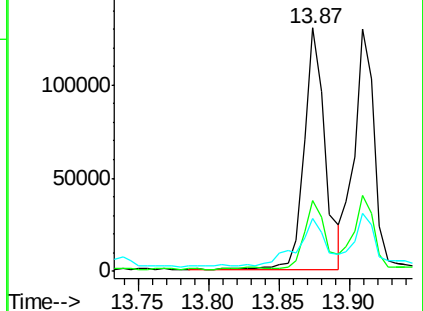
229 21.9 15.8 23.6



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: 10.154 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

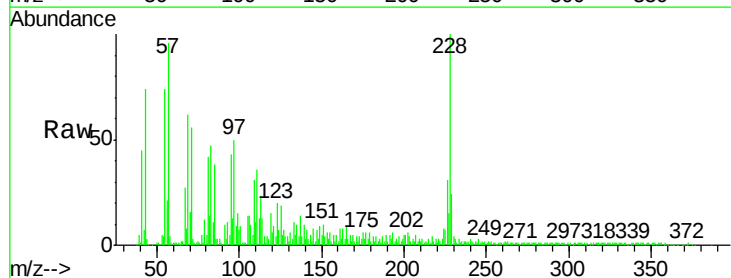
Tgt Ion:228 Resp: 128860

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

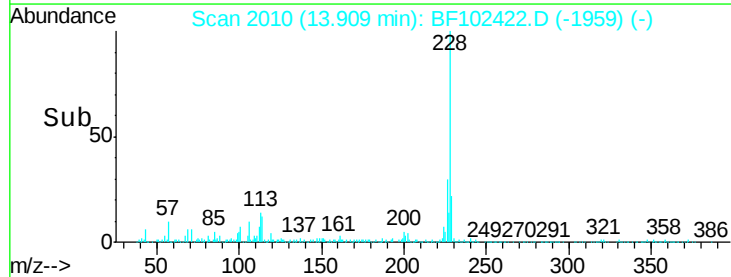
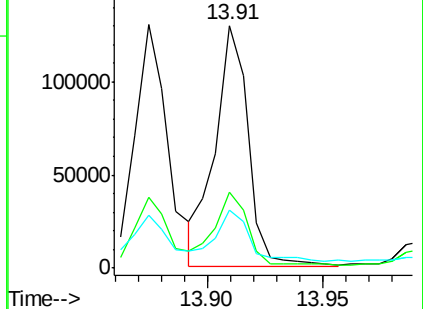
229 23.8 16.2 24.4

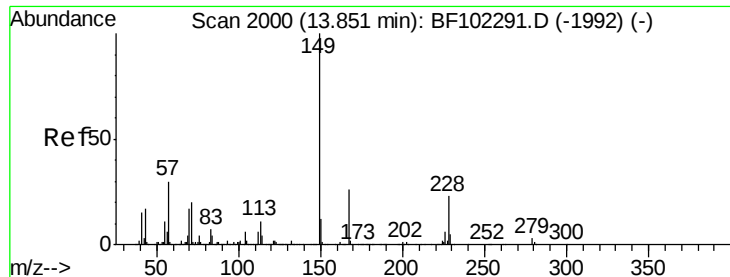


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.316 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)

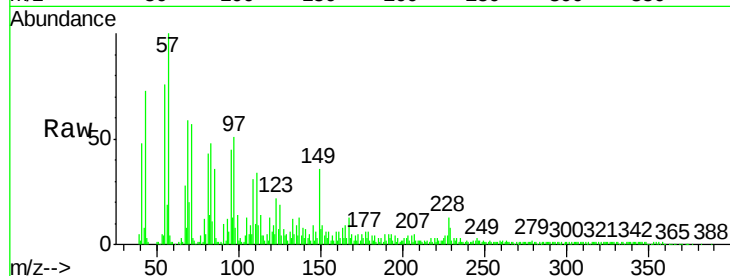
Tgt Ion:149 Resp: 34803

Ion Ratio Lower Upper

149 100

167 35.0 21.3 31.9#

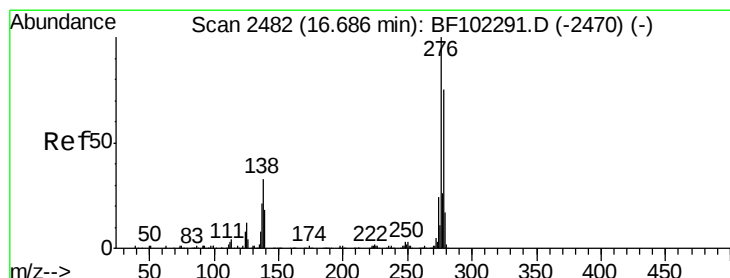
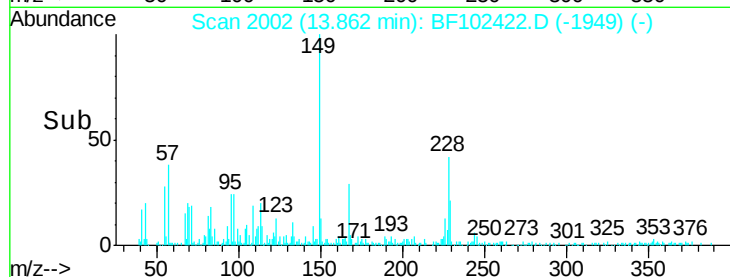
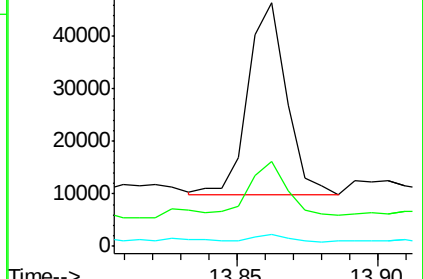
279 4.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.999 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.03 min

Lab File: BF102422.D

Acq: 25 Jan 2018 13:25

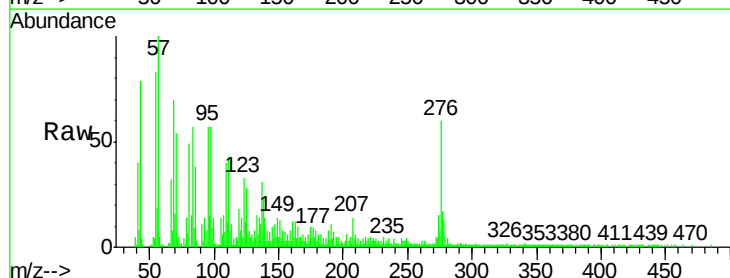
Tgt Ion:276 Resp: 62874

Ion Ratio Lower Upper

276 100

138 33.8 25.0 37.6

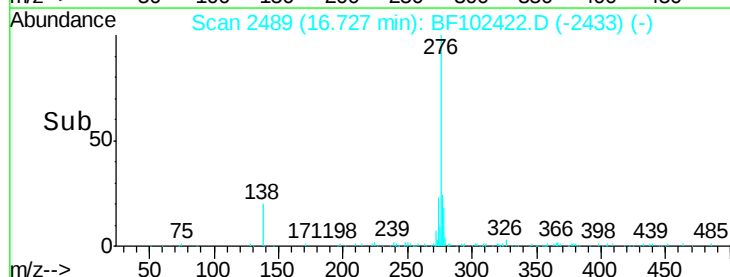
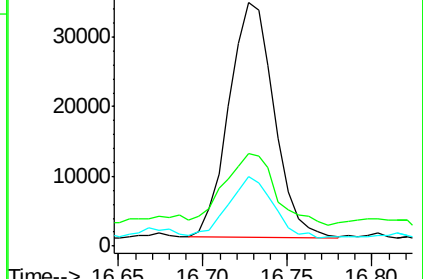
277 25.2 20.1 30.1

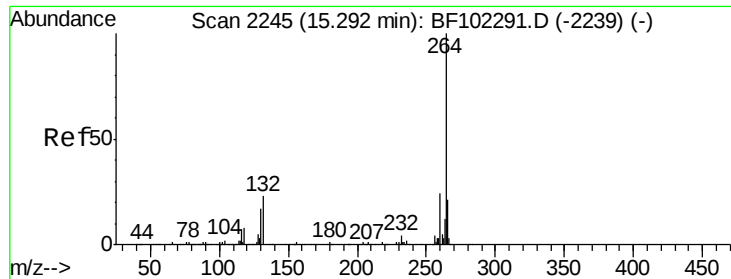


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

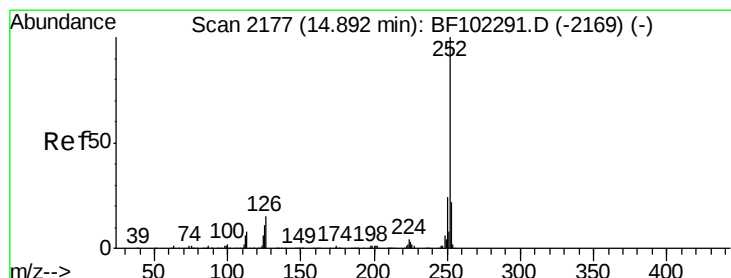
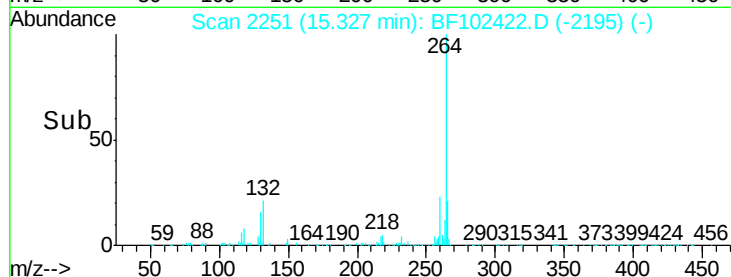
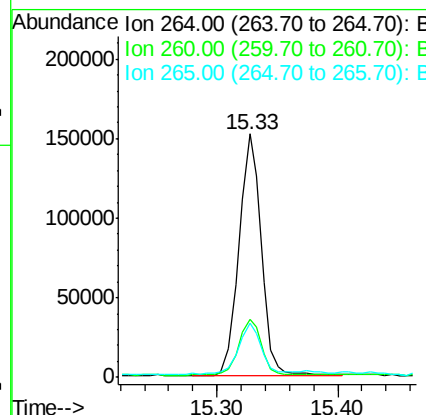
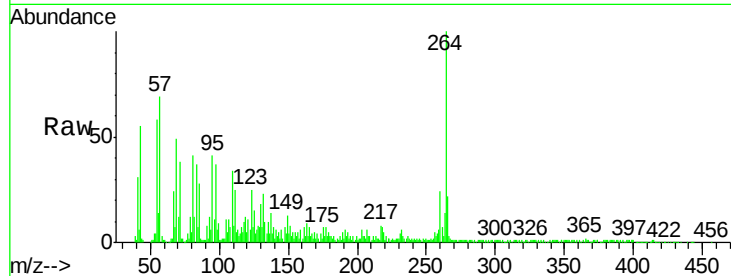




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.03 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

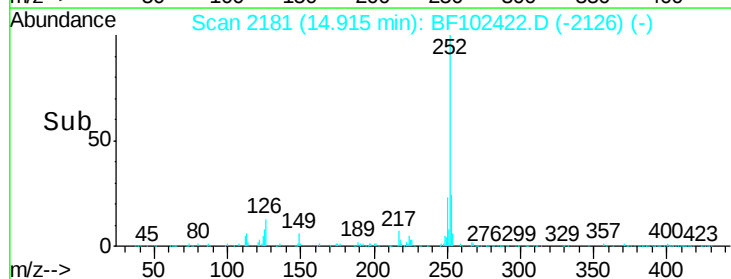
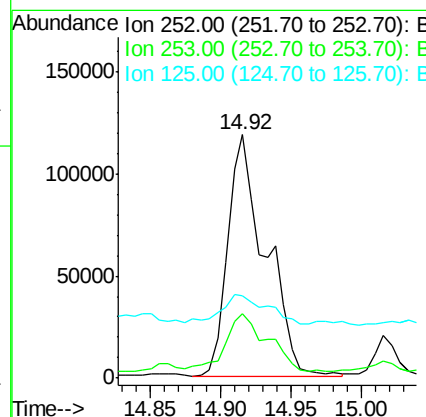
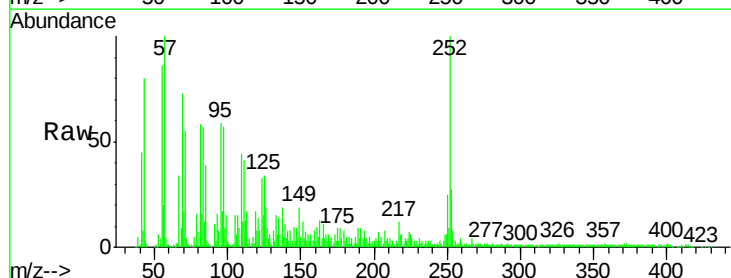
Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(WW4-8)

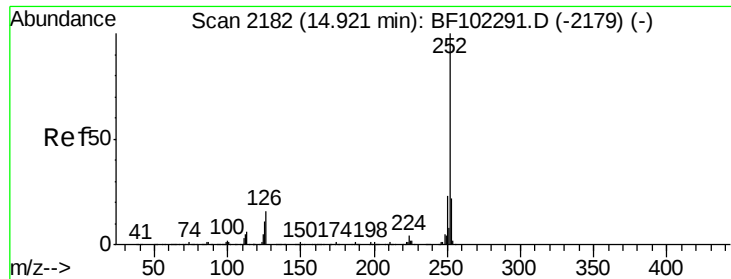
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 17.234 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	33.8	9.0	13.6#

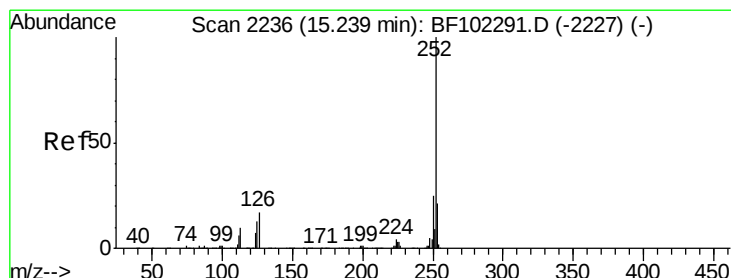
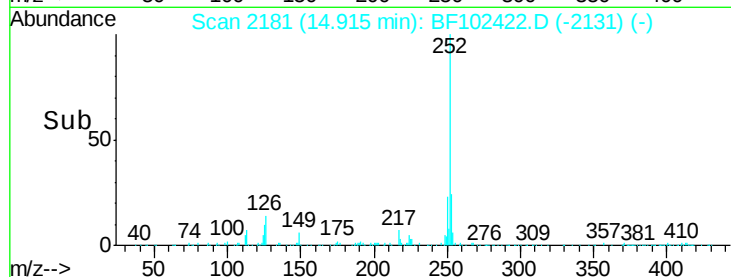
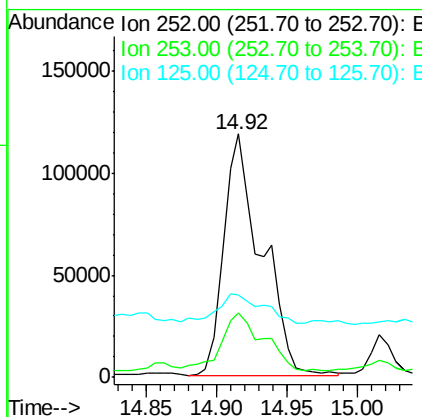
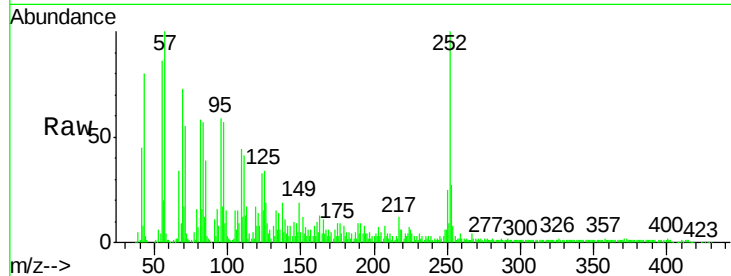




#88
Benzo(k)fluoranthene
Concen: 18.241 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

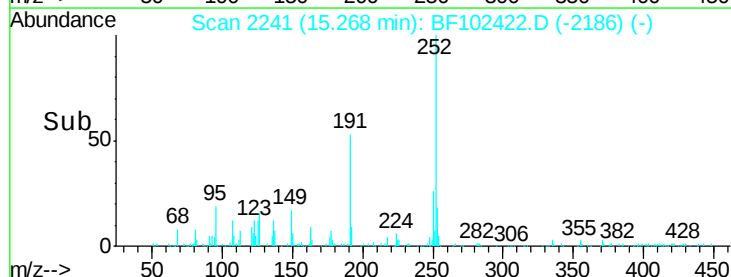
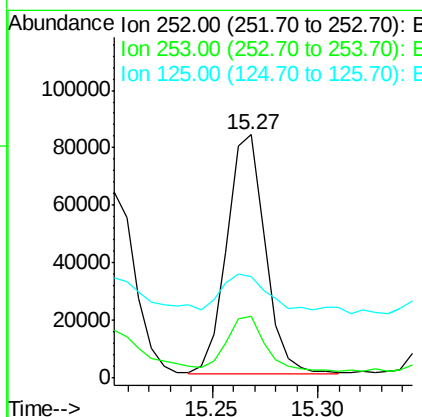
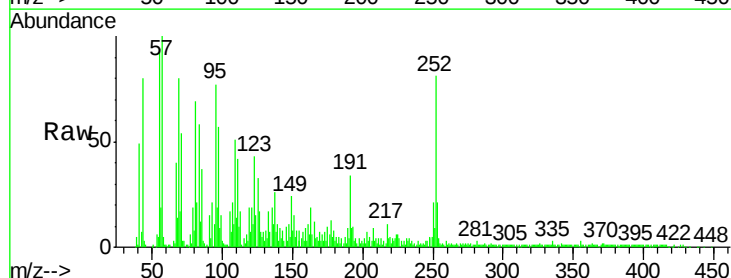
Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(WW4-8)

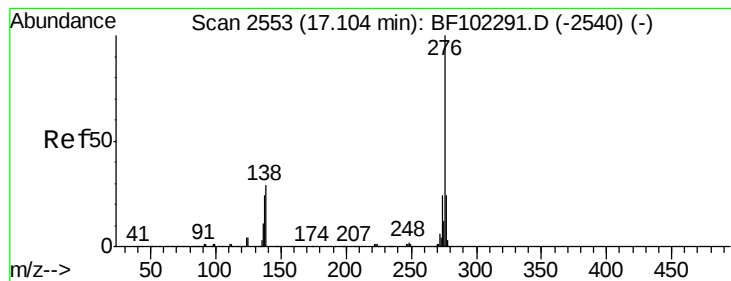
Tgt Ion:252 Resp: 219293
Ion Ratio Lower Upper
252 100
253 26.7 17.9 26.9
125 33.8 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 9.084 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102422.D
Acq: 25 Jan 2018 13:25

Tgt Ion:252 Resp: 104244
Ion Ratio Lower Upper
252 100
253 25.6 17.1 25.7
125 41.5 9.8 14.6#





#91

Benzo(g,h,i)perylene

Concen: 6.714 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.04 min

Lab File: BF102422.D

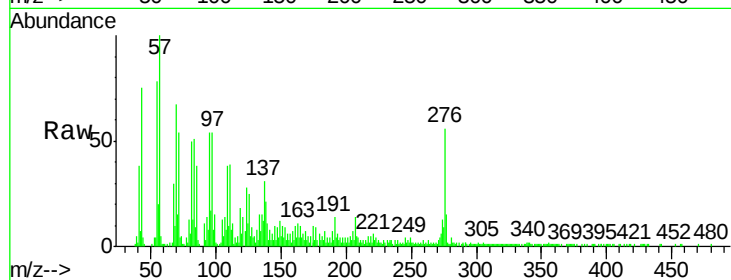
Acq: 25 Jan 2018 13:25

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(WW4-8)



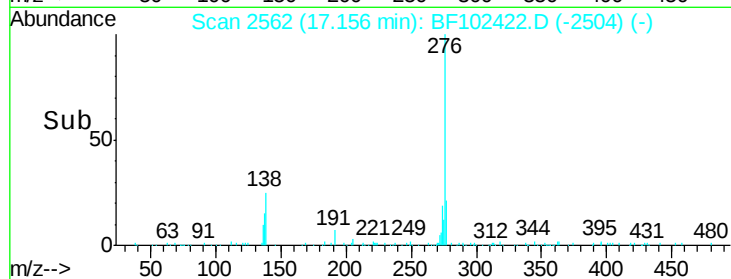
Tgt Ion: 276 Resp: 61632

Ion Ratio Lower Upper

276 100

277 26.7 17.9 26.9

138 37.1 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

