

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
 Data File : BF112586.D
 Acq On : 15 Feb 2019 18:42
 Operator : JU/SJ
 Sample : K1490-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-214

Quant Time: Feb 15 23:44:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	97294	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	387435	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	206566	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	430880	20.00	ng	0.00
76) Chrysene-d12	14.02	240	287901	20.00	ng	0.01
87) Perylene-d12	15.50	264	265097	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1103267	240.86	ng	0.00
7) Phenol-d6	6.49	99	1421782	223.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	947964	140.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	564173	234.64	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1774555	121.50	ng	-0.01
79) Terphenyl-d14	12.96	244	2127410	139.17	ng	0.00

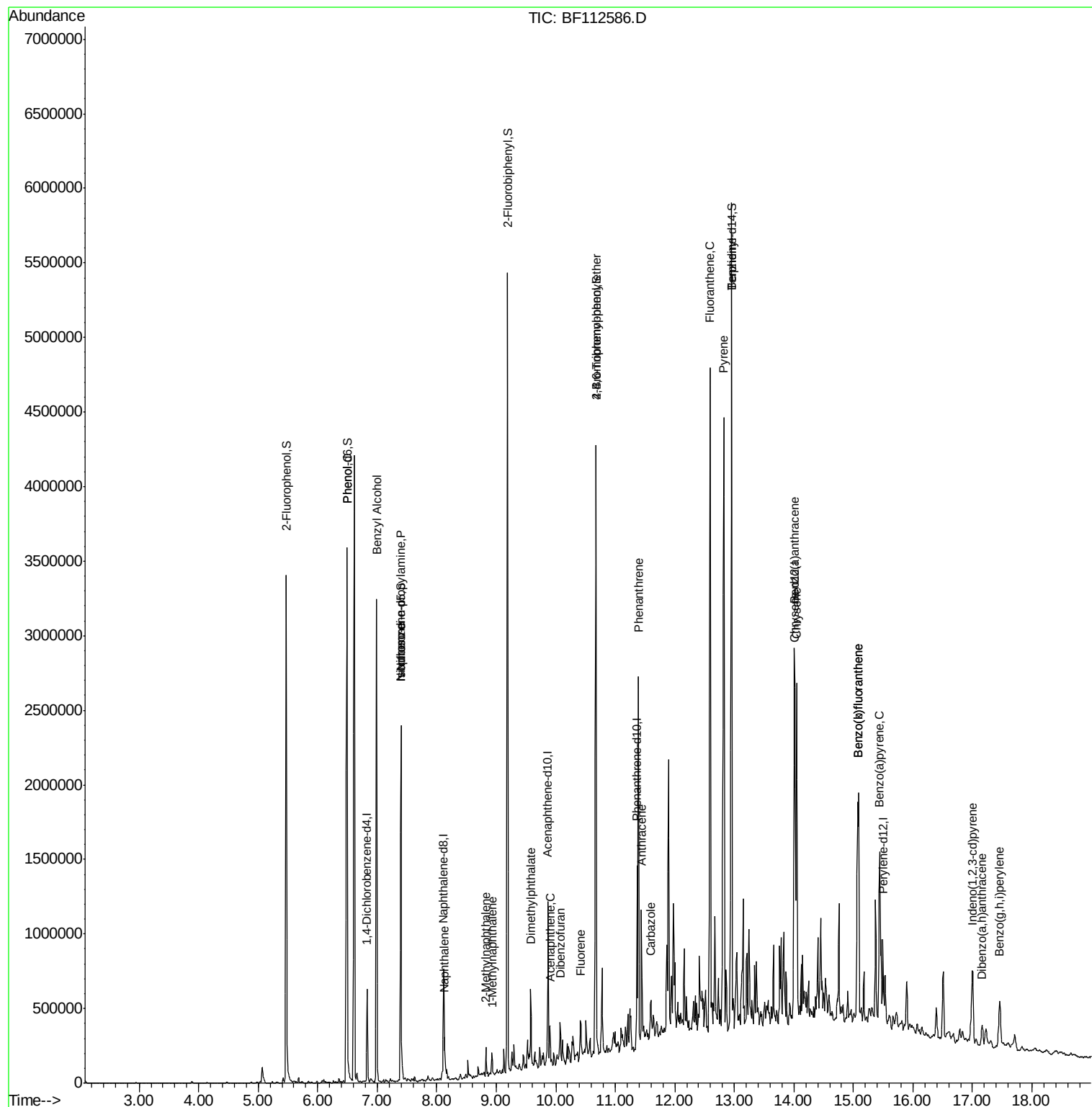
Target Compounds					Qvalue	
10) Phenol	6.50	94	27436	3.929	ng	# 77
15) Benzyl Alcohol	6.99	79	16080	2.997	ng	# 46
19) n-Nitroso-di-n-propylamine	7.40	70	130325	29.694	ng	# 78
25) Isophorone	7.40	82	942144	89.315	ng	# 64
31) Naphthalene	8.13	128	103369	5.705	ng	98
37) 2-Methylnaphthalene	8.83	142	53082	4.280	ng	91
38) 1-Methylnaphthalene	8.93	142	38993	3.280	ng	99
50) Dimethylphthalate	9.58	163	116173	7.239	ng	98
52) Acenaphthene	9.90	154	53653	4.376	ng	96
55) Dibenzofuran	10.07	168	62265	3.323	ng	# 92
58) Fluorene	10.42	166	60995	4.350	ng	# 96
67) 4-Bromophenyl-phenylether	10.67	248	34831	6.873	ng	# 1
71) Phenanthrene	11.39	178	982475	43.859	ng	98
72) Anthracene	11.44	178	320625	14.369	ng	99
73) Carbazole	11.60	167	79637	3.618	ng	98
75) Fluoranthene	12.60	202	2242150	93.321	ng	98
77) Benzidine	12.96	184	32381	4.086	ng	97
78) Pyrene	12.82	202	1987104	99.691	ng	100
81) Benzo(a)anthracene	14.01	228	1001545	59.178	ng	99
83) Chrysene	14.04	228	792822	49.076	ng	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	308311	24.085	ng	# 91
88) Benzo(b)fluoranthene	15.07	252	1094060	69.008	ng	98
89) Benzo(k)fluoranthene	15.07	252	1094049	72.044	ng	98
90) Benzo(a)pyrene	15.44	252	572498	40.132	ng	97
91) Dibenzo(a,h)anthracene	17.16	278	77361	6.729	ng	96
92) Benzo(g,h,i)perylene	17.46	276	267141	24.628	ng	97

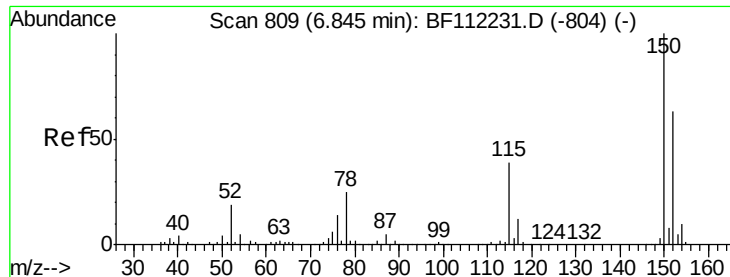
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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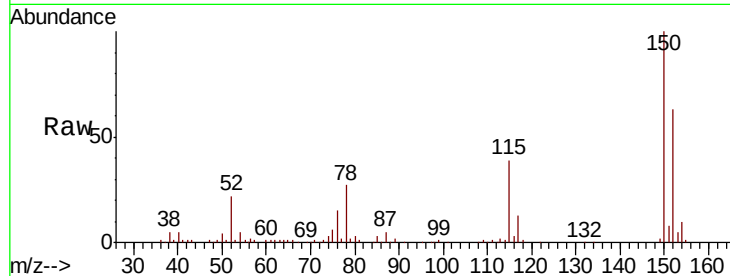


#1

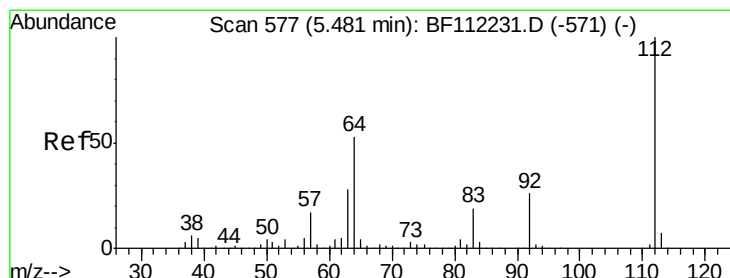
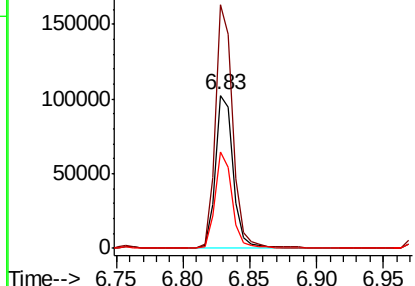
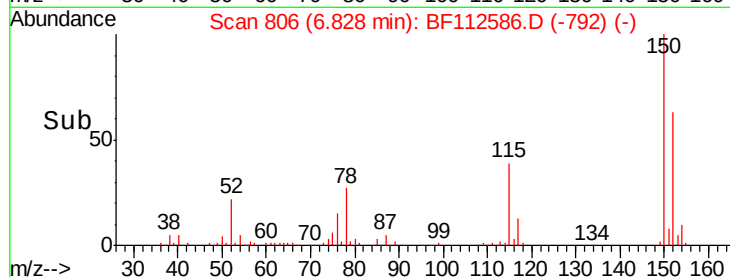
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1-214

Tgt Ion:152 Resp: 97294
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 62.8 45.5 68.3



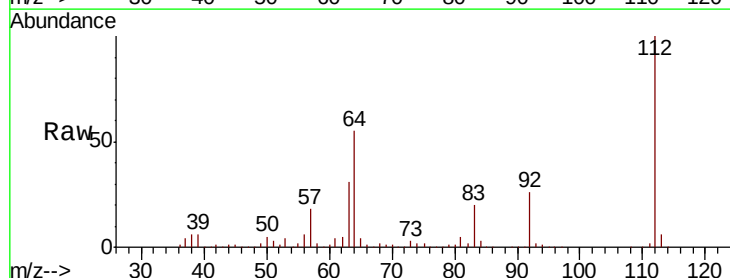
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



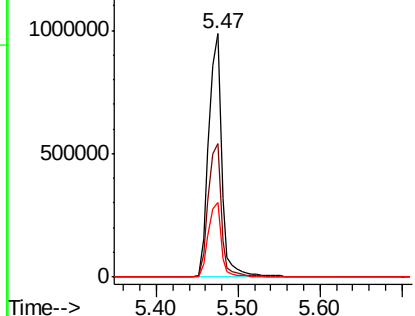
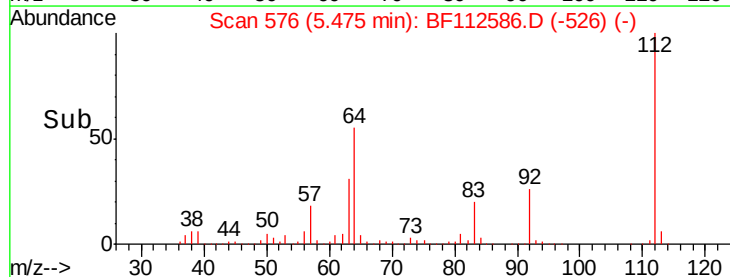
#5

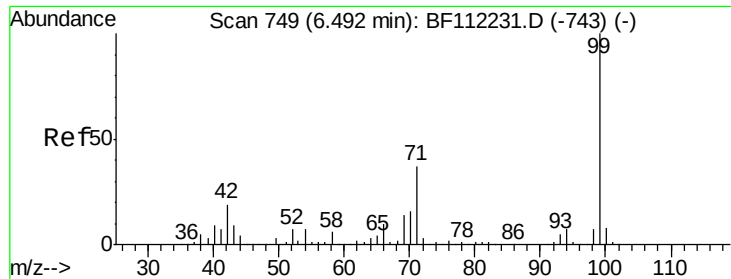
2-Fluorophenol
Concen: 240.859 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Tgt Ion:112 Resp: 1103267
Ion Ratio Lower Upper
112 100
64 55.0 45.7 68.5
63 30.5 23.6 35.4



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: 223.378 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

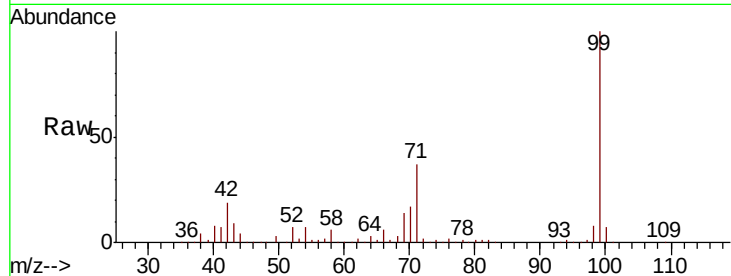
Tgt Ion: 99 Resp: 1421782

Ion Ratio Lower Upper

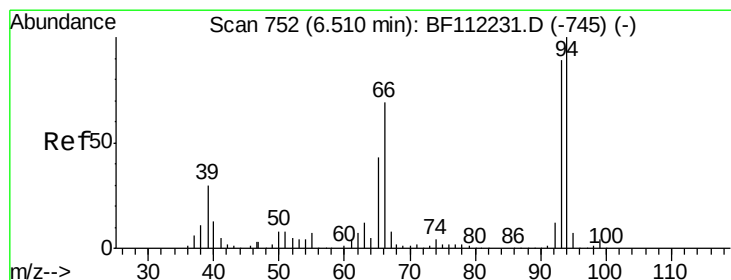
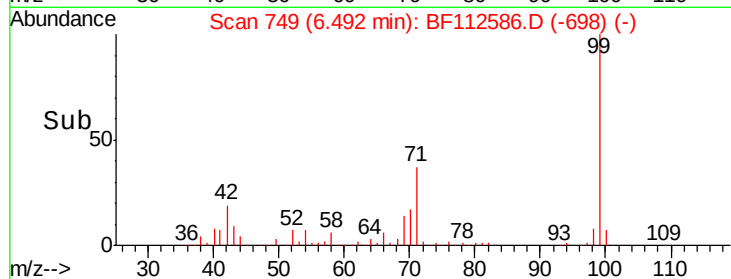
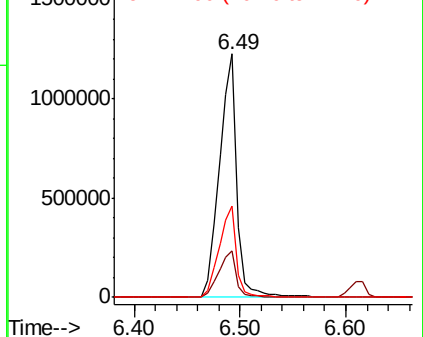
99 100

42 19.1 15.1 22.7

71 37.4 26.9 40.3



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: 3.929 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

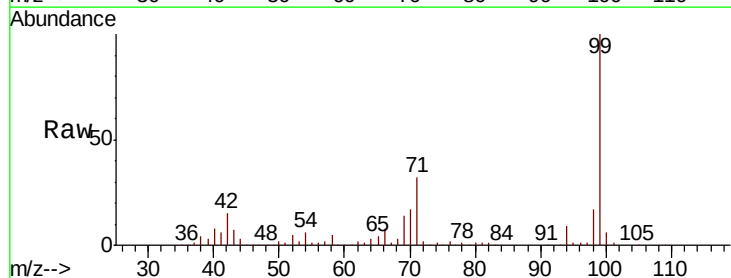
Tgt Ion: 94 Resp: 27436

Ion Ratio Lower Upper

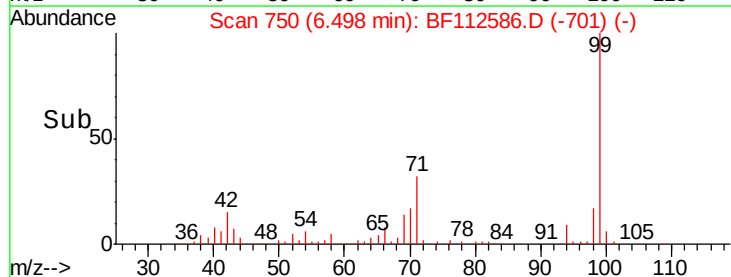
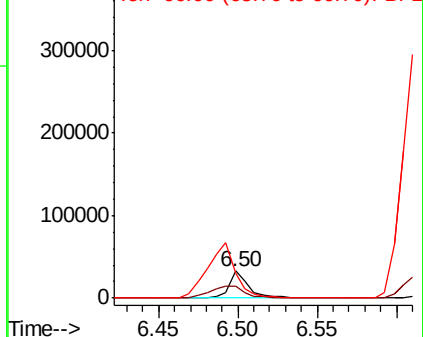
94 100

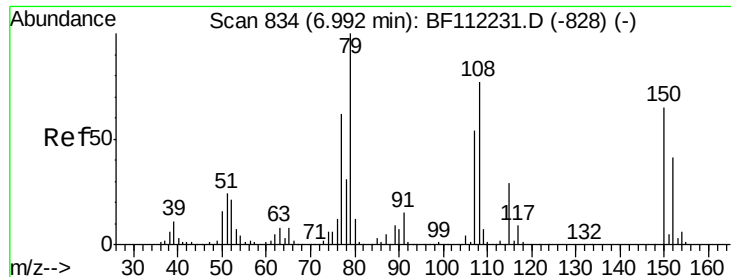
65 42.4 20.3 60.3

66 90.5 42.4 82.4#



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

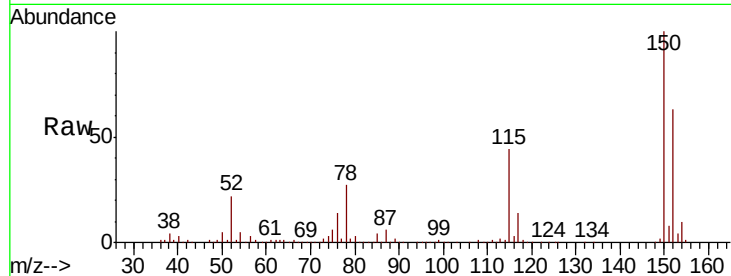




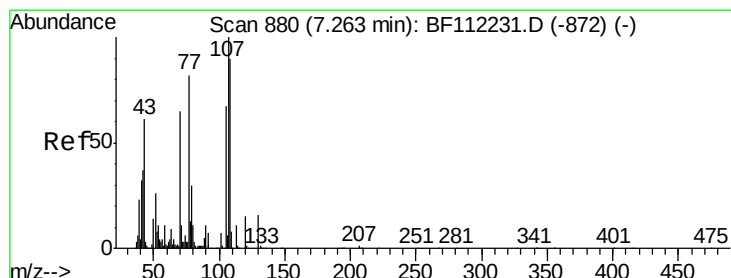
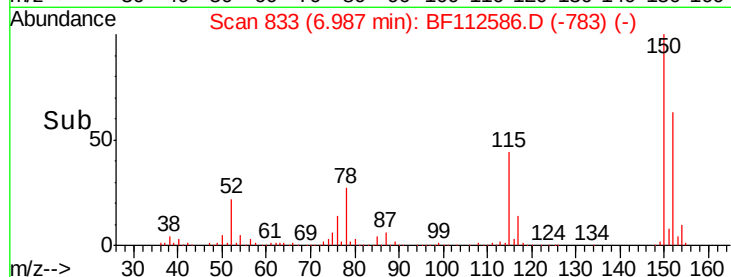
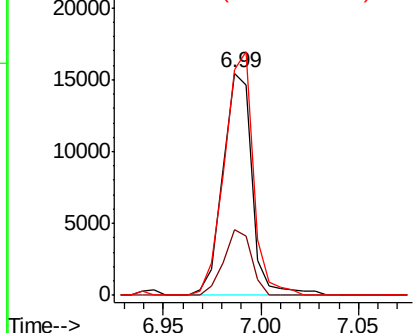
#15
Benzyl Alcohol
Concen: 2.997 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Instrument :
BNA_F
ClientSampled :
TP-1-214

Tgt Ion: 79 Resp: 16080
Ion Ratio Lower Upper
79 100
108 29.7 64.2 96.2#
77 101.4 50.3 75.5#

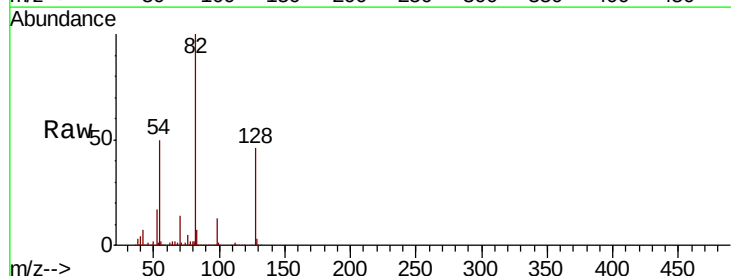


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

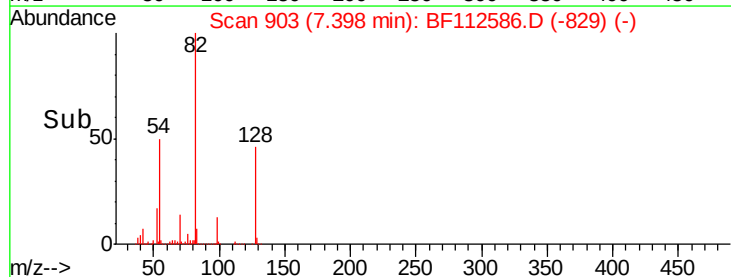
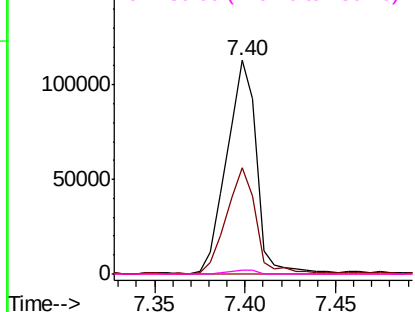


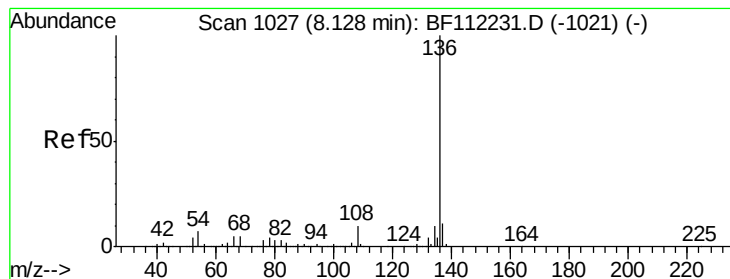
#19
n-Nitroso-di-n-propylamine
Concen: 29.694 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Tgt Ion: 70 Resp: 130325
Ion Ratio Lower Upper
70 100
42 49.7 47.6 71.4
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

Tgt Ion:136 Resp: 387435

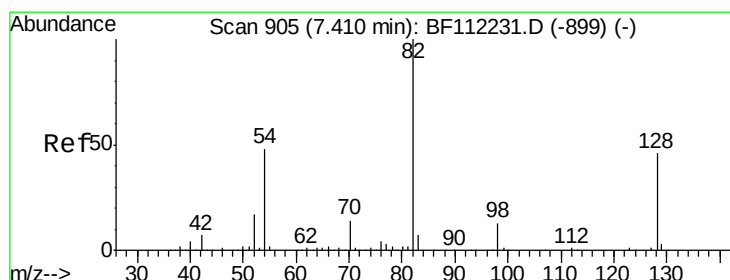
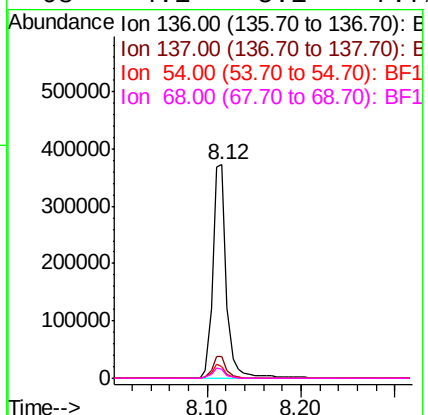
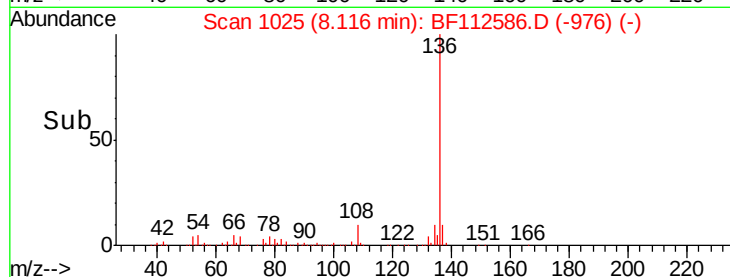
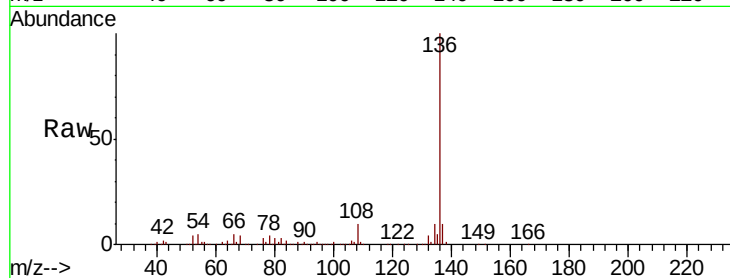
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.4 5.9 8.9#

68 4.1 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 140.982 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

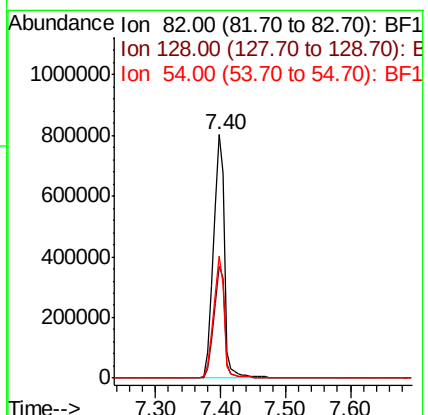
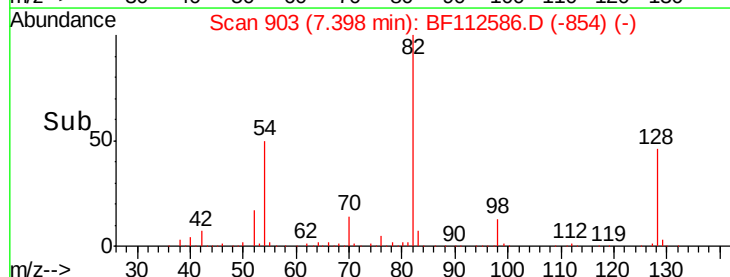
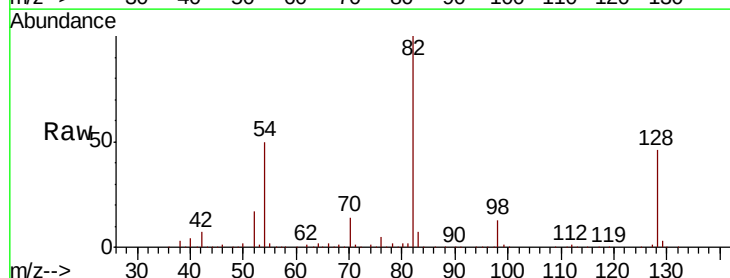
Tgt Ion: 82 Resp: 947964

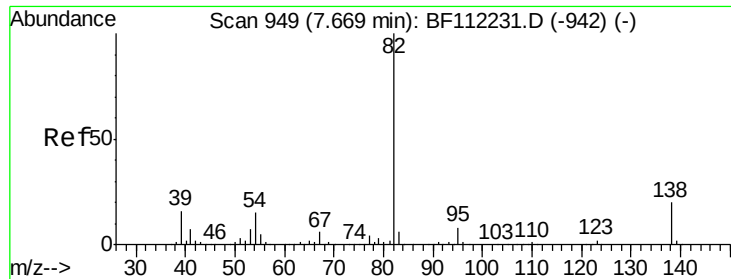
Ion Ratio Lower Upper

82 100

128 45.8 37.8 56.8

54 50.0 39.7 59.5





#25

Isophorone

Concen: 89.315 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampled :

TP-1-214

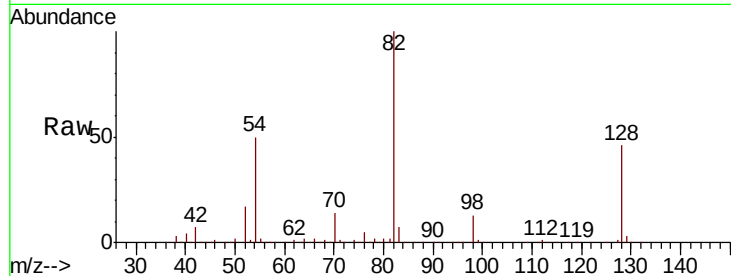
Tgt Ion: 82 Resp: 942144

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

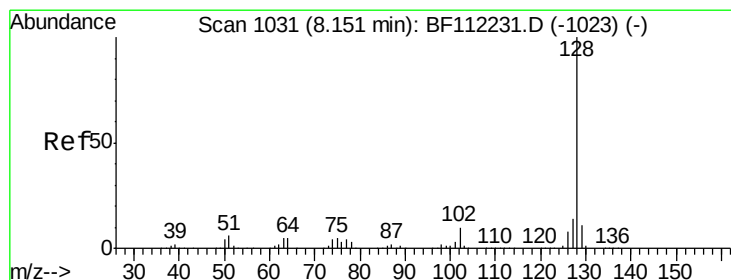
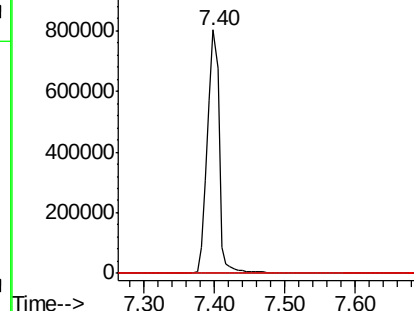
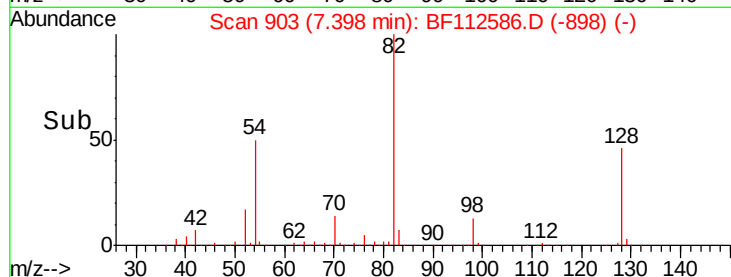
138 0.0 15.4 23.0#



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: 5.705 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

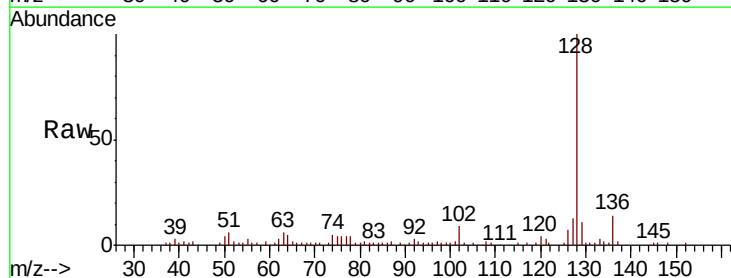
Tgt Ion: 128 Resp: 103369

Ion Ratio Lower Upper

128 100

129 10.9 9.6 14.4

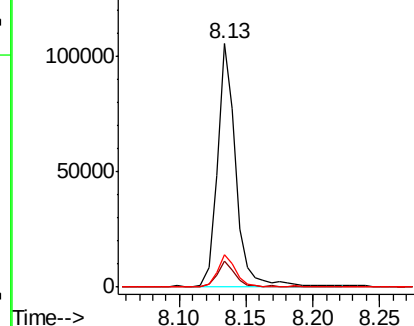
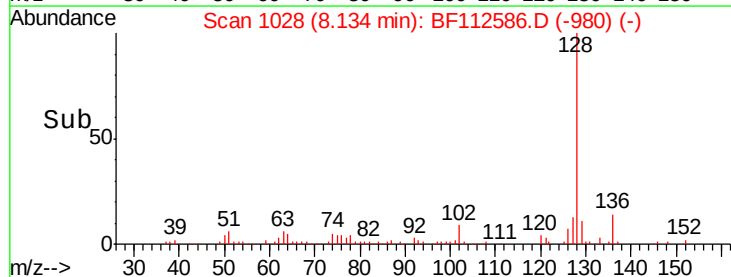
127 13.2 11.1 16.7

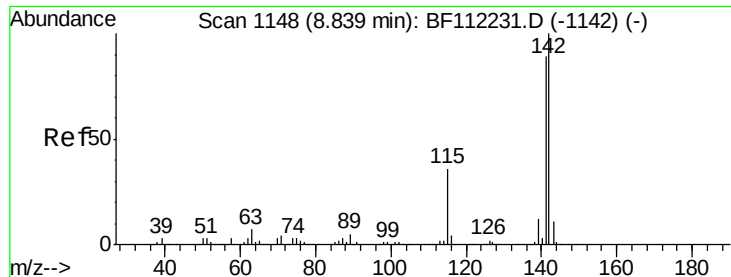


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

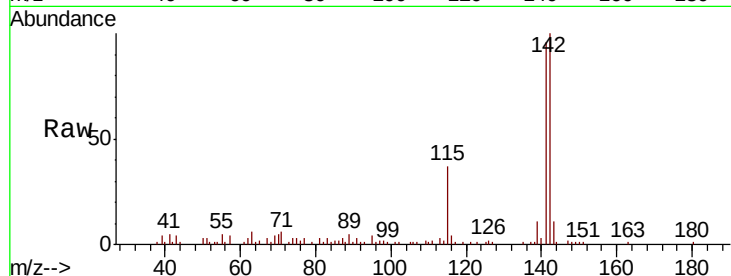




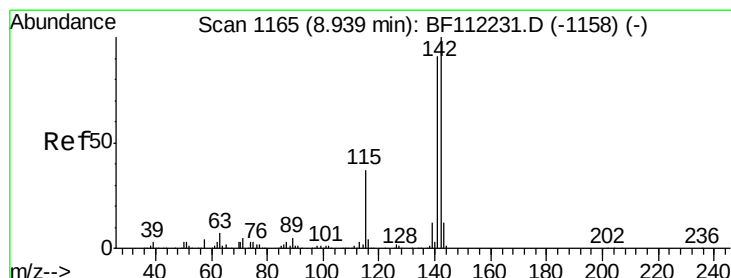
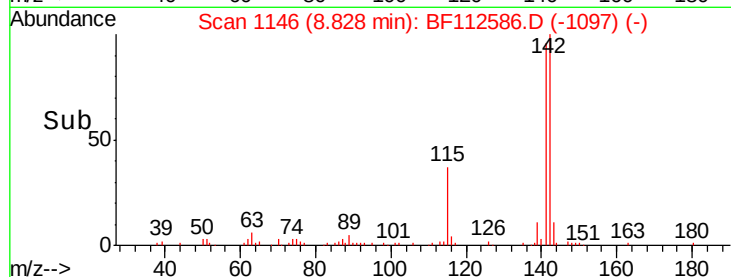
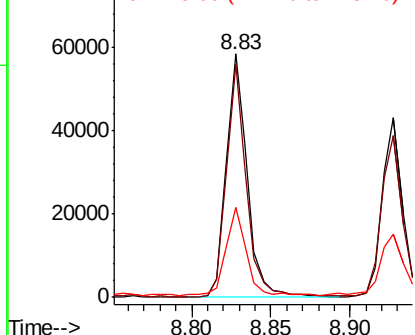
#37
 2-Methylnaphthalene
 Concen: 4.280 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-214

Tgt Ion:	142	Resp:	53082
Ion	Ratio	Lower	Upper
142	100		
141	96.1	70.9	106.3
115	36.8	24.9	37.3

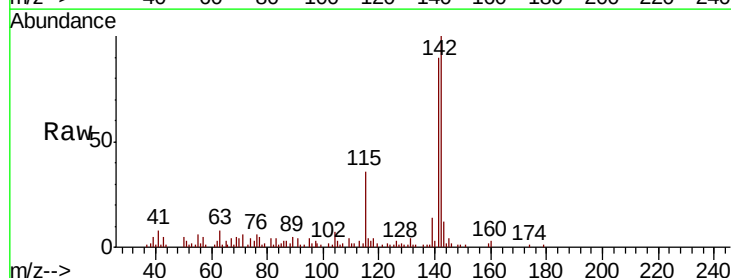


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

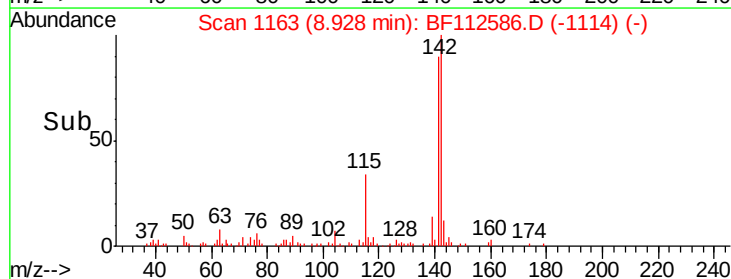
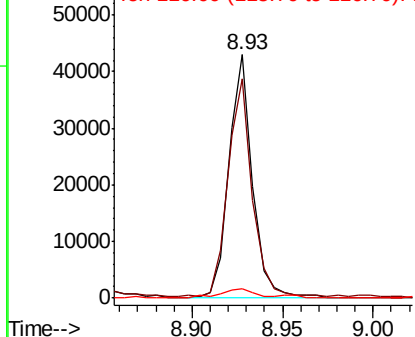


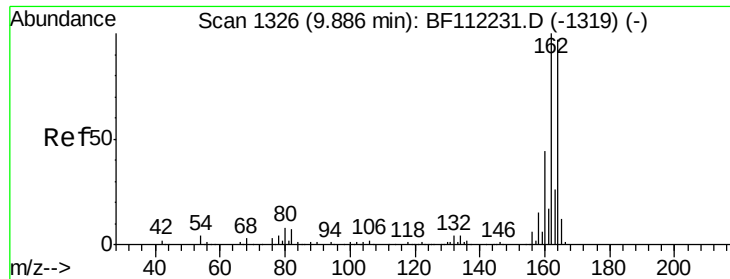
#38
 1-Methylnaphthalene
 Concen: 3.280 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

Tgt Ion:	142	Resp:	38993
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8
116	4.0	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

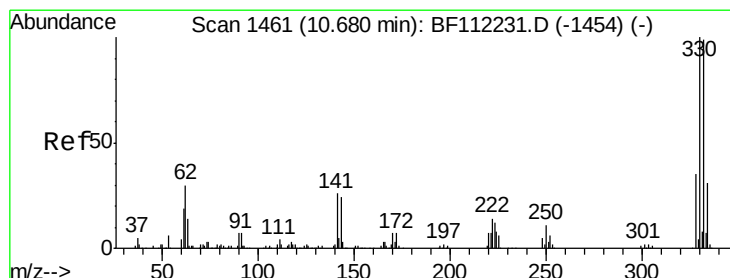
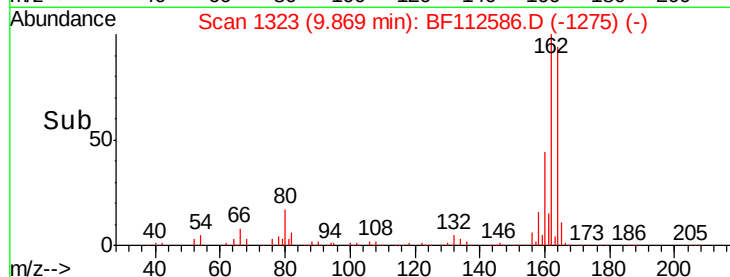
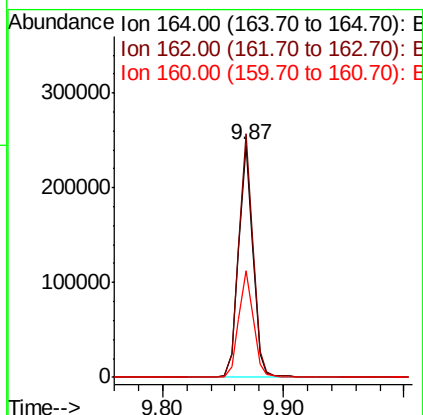
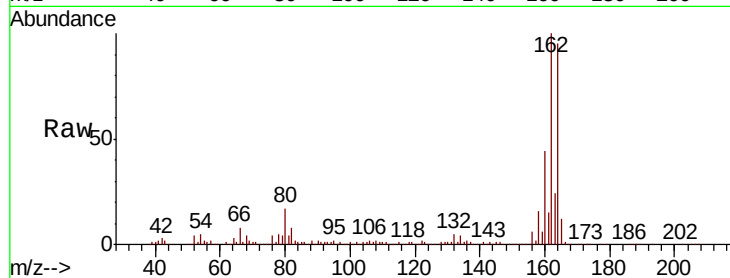




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

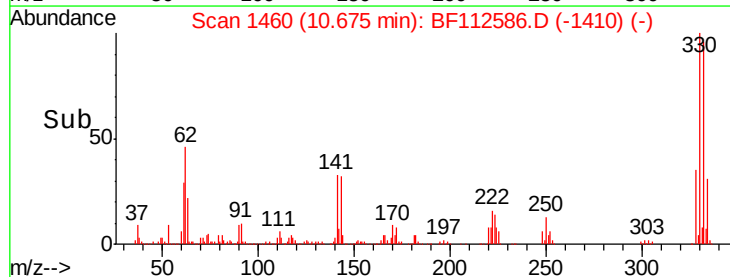
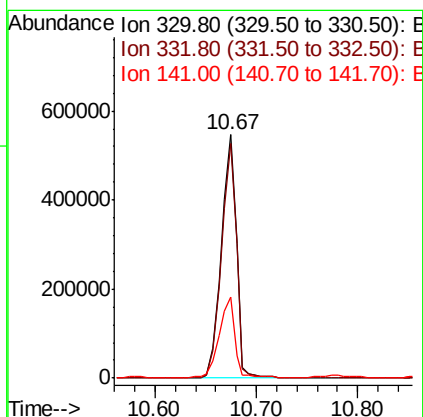
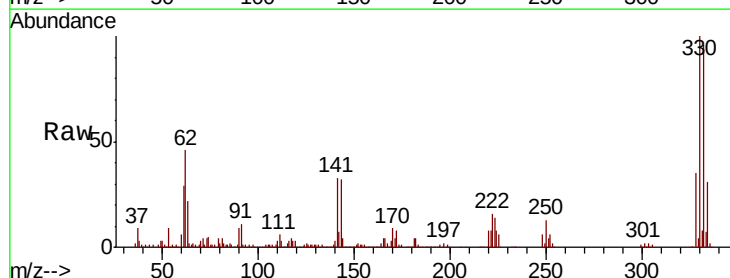
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-214

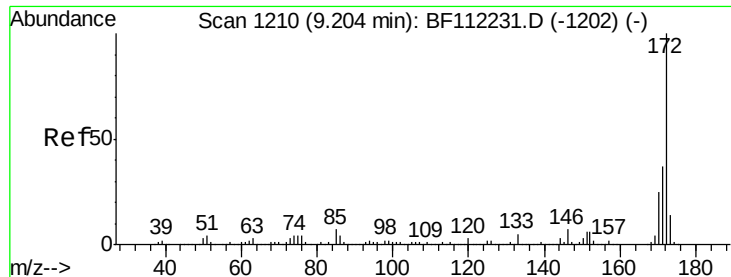
Tgt Ion:164 Resp: 206566
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.2 123.4
 160 46.0 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 234.645 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

Tgt Ion:330 Resp: 564173
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 34.0 24.3 36.5

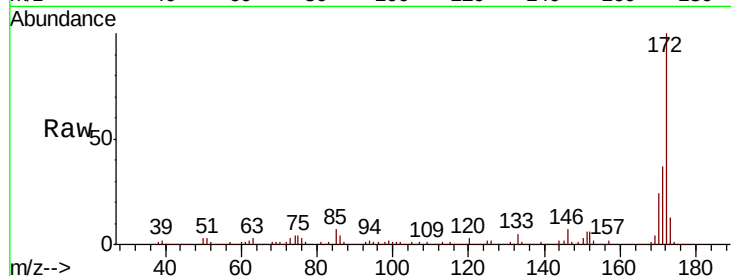




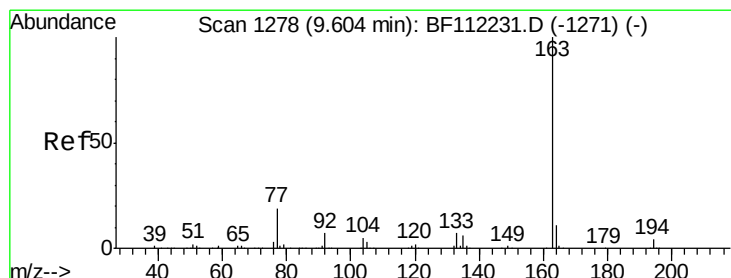
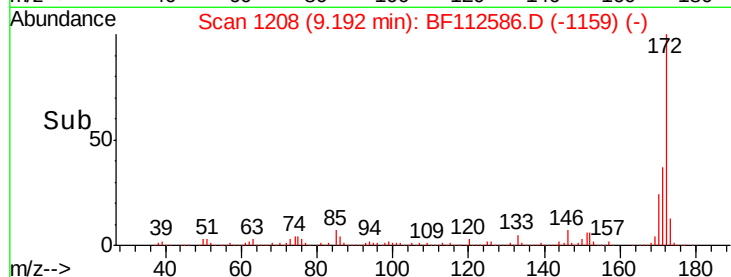
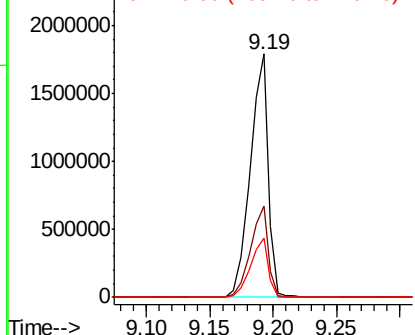
#45
2-Fluorobiphenyl
Concen: 121.502 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1-214

Tgt Ion:172 Resp: 1774555
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 24.2 20.2 30.4

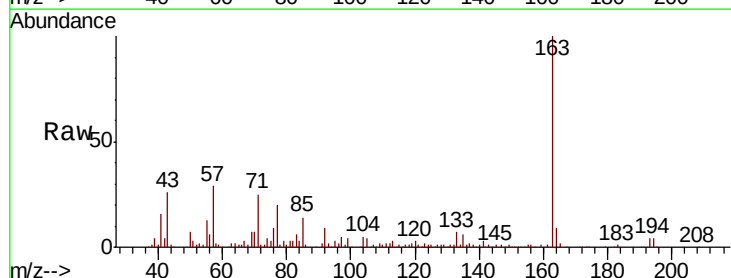


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

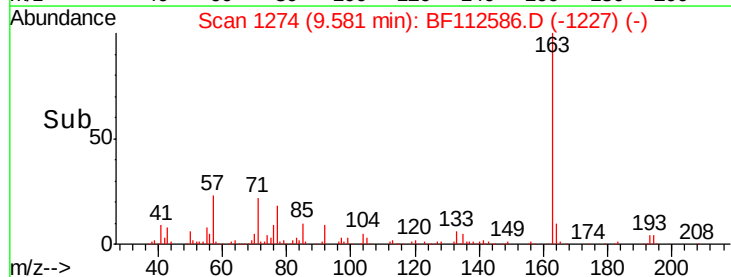
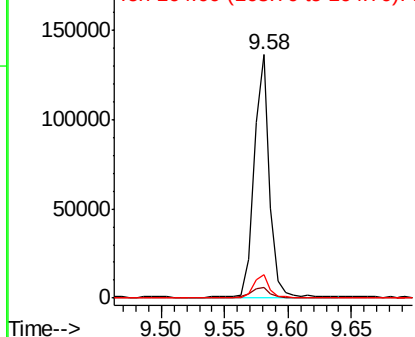


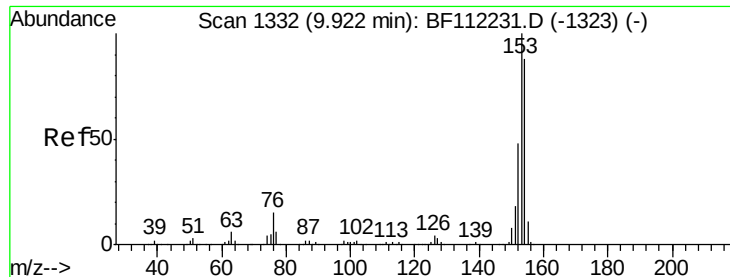
#50
Dimethylphthalate
Concen: 7.239 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Tgt Ion:163 Resp: 116173
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.5 8.5 12.7



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





#52

Acenaphthene

Concen: 4.376 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

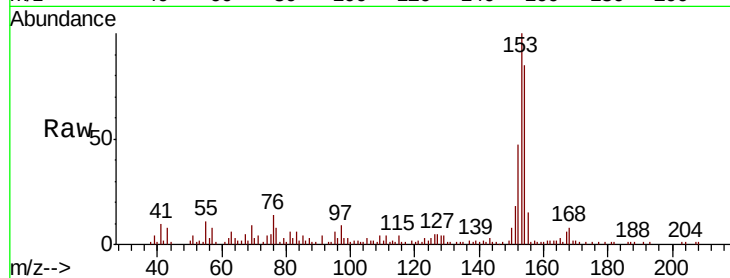
Tgt Ion:154 Resp: 53653

Ion Ratio Lower Upper

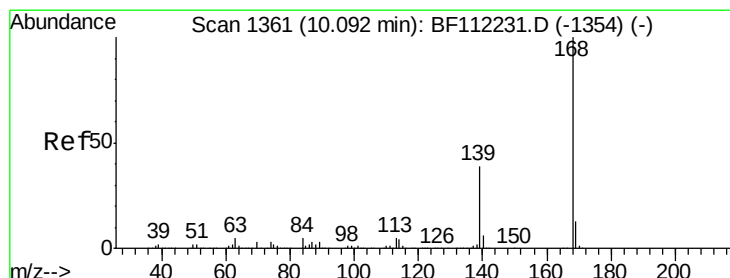
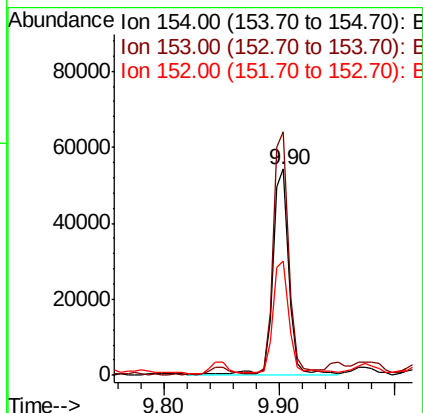
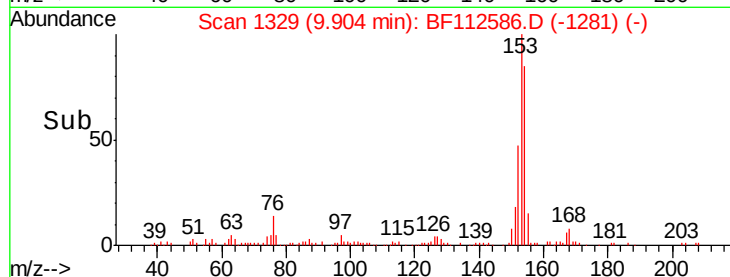
154 100

153 118.2 89.8 134.6

152 55.2 43.5 65.3



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



#55

Dibenzofuran

Concen: 3.323 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

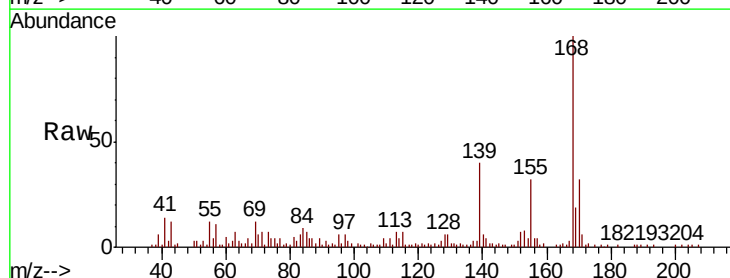
Tgt Ion:168 Resp: 62265

Ion Ratio Lower Upper

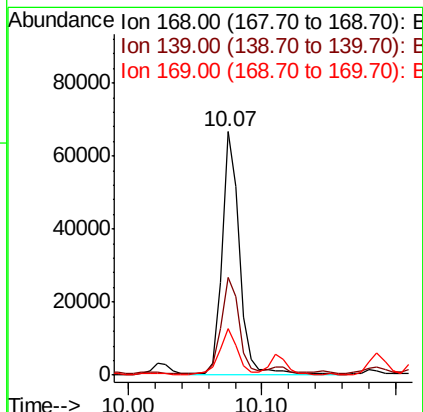
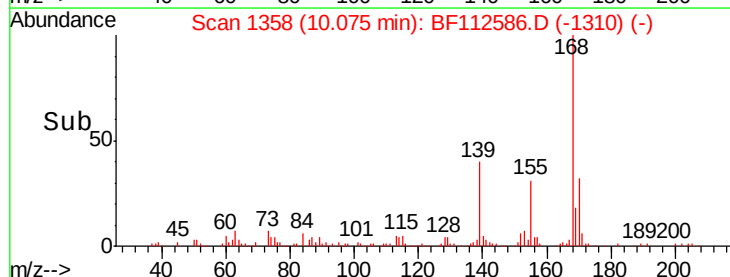
168 100

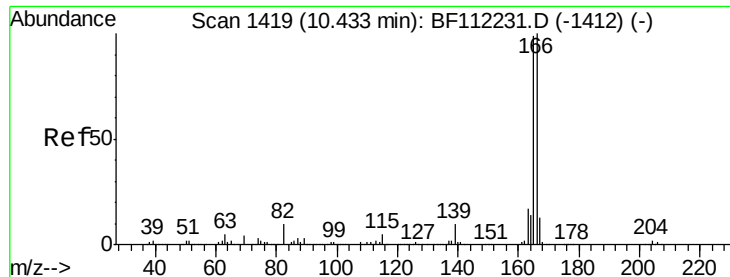
139 40.3 29.2 43.8

169 18.9 11.4 17.0#



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

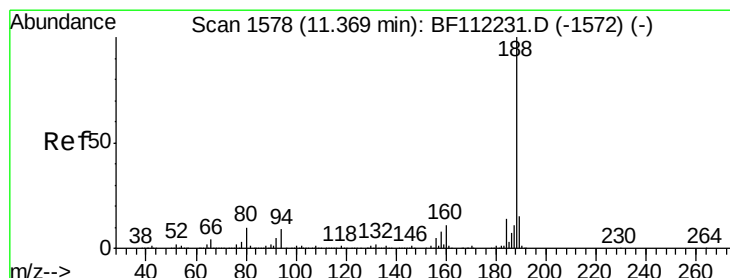
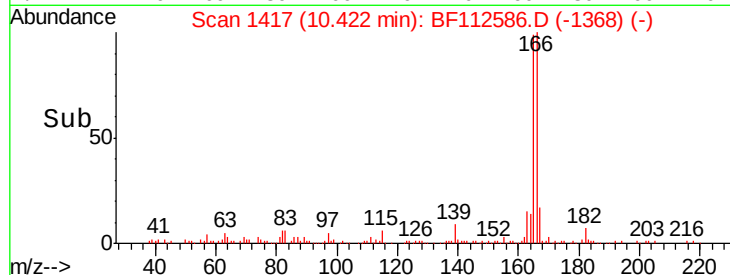
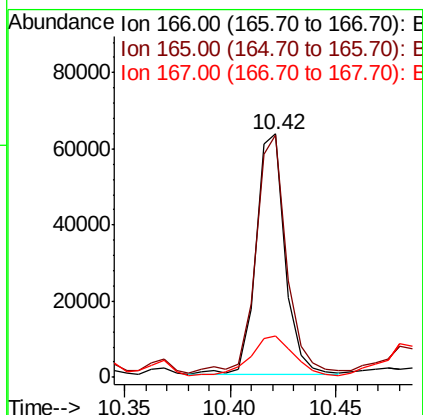
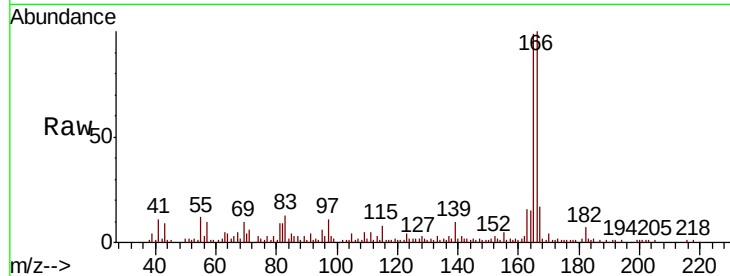




#58
 Fluorene
 Concen: 4.350 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

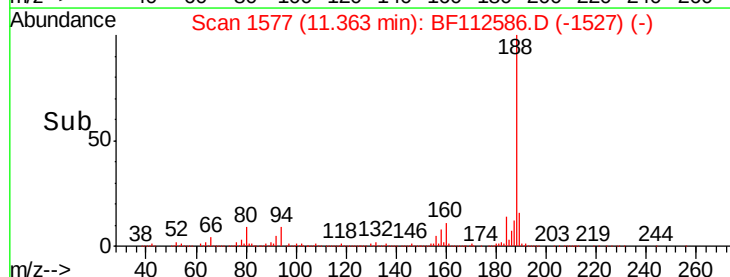
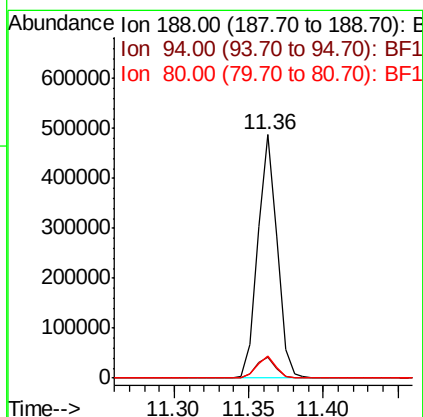
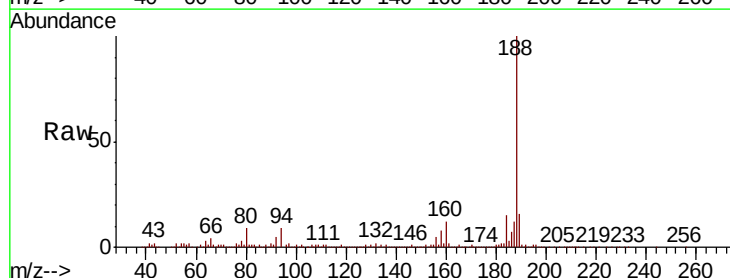
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-214

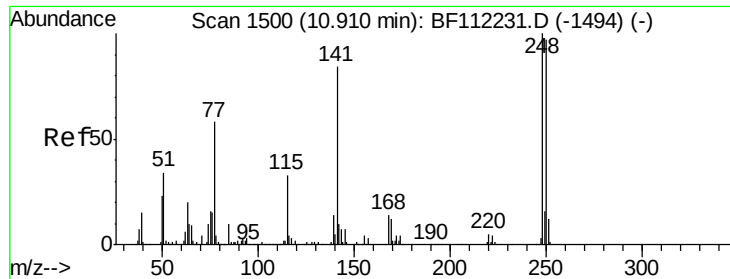
Tgt Ion:166 Resp: 60995
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.1 115.7
 167 17.0 11.3 16.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

Tgt Ion:188 Resp: 430880
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.2 12.2
 80 9.2 8.9 13.3

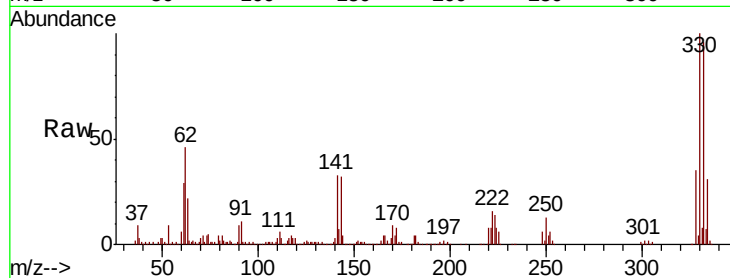




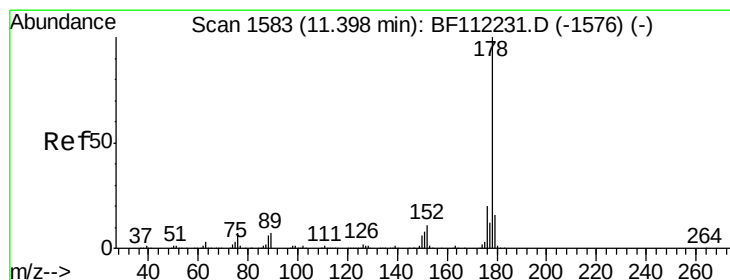
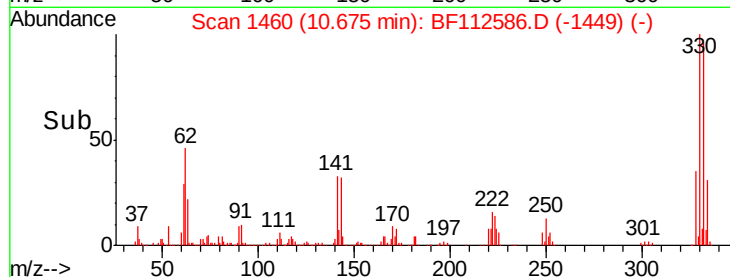
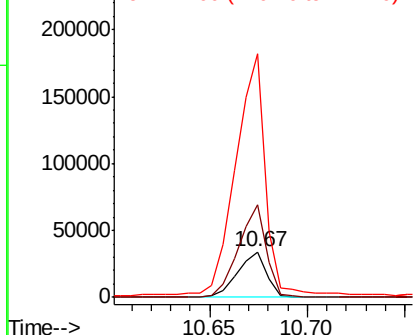
#67
 4-Bromophenyl-phenylether
 Concen: 6.873 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-214

Tgt Ion:248 Resp: 34831
 Ion Ratio Lower Upper
 248 100
 250 205.4 79.7 119.5#
 141 538.3 60.3 90.5#

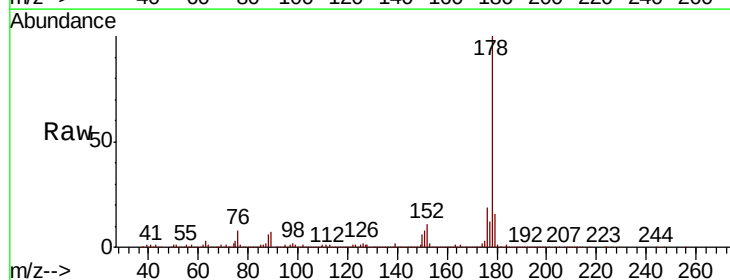


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

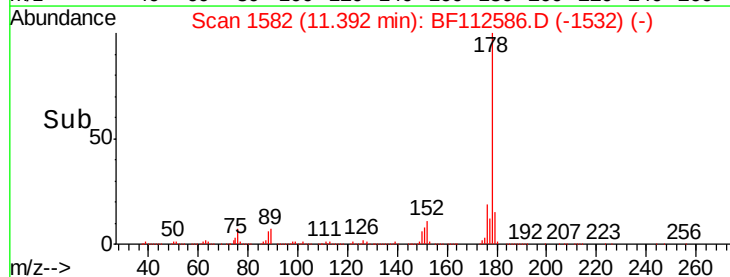
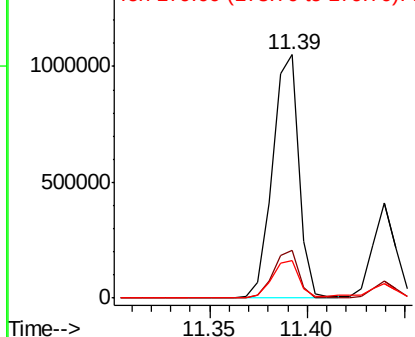


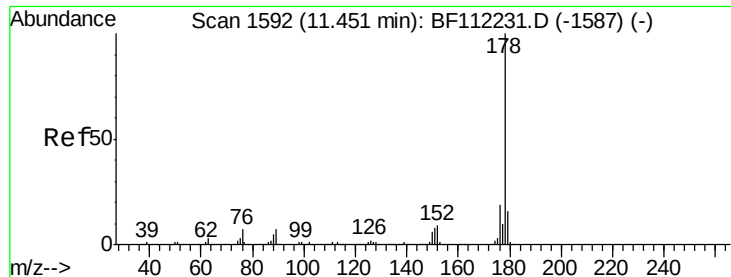
#71
 Phenanthrene
 Concen: 43.859 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF112586.D
 Acq: 15 Feb 2019 18:42

Tgt Ion:178 Resp: 982475
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.3 24.5
 179 15.5 13.0 19.4



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

Anthracene

Concen: 14.369 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

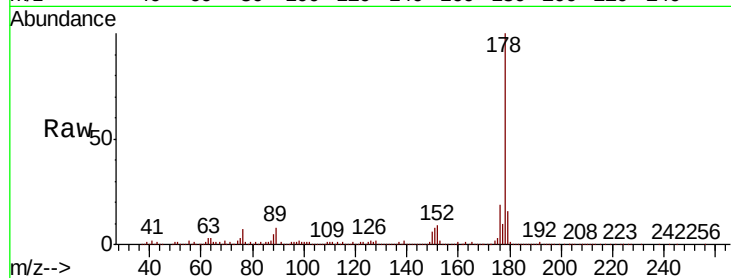
Tgt Ion:178 Resp: 320625

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

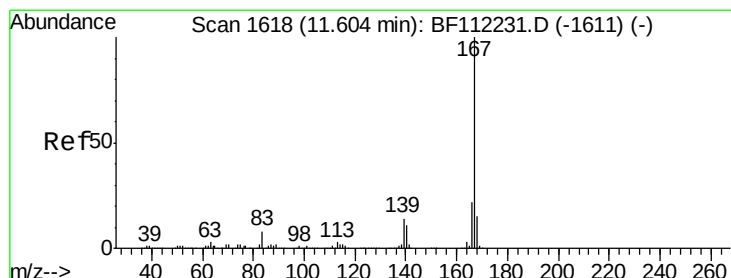
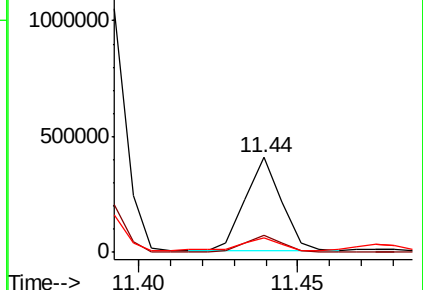
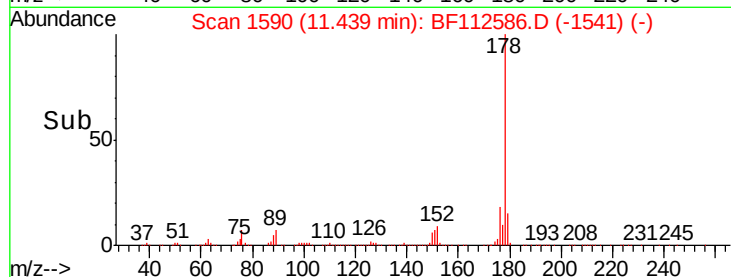
179 15.6 12.8 19.2



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



#73

Carbazole

Concen: 3.618 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

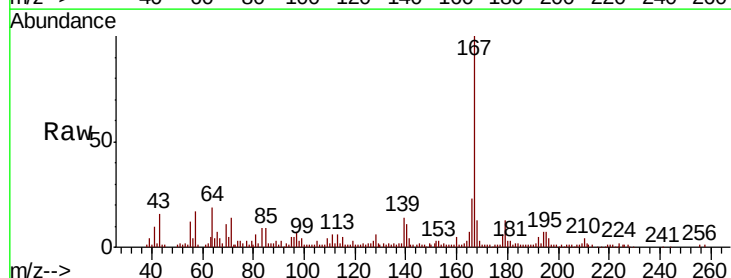
Tgt Ion:167 Resp: 79637

Ion Ratio Lower Upper

167 100

166 22.9 17.9 26.9

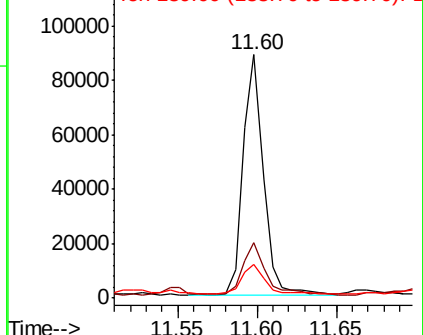
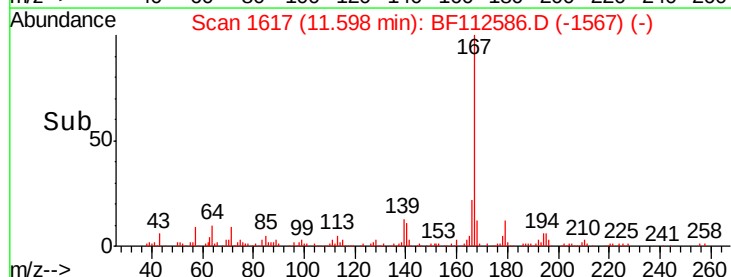
139 13.8 10.2 15.2

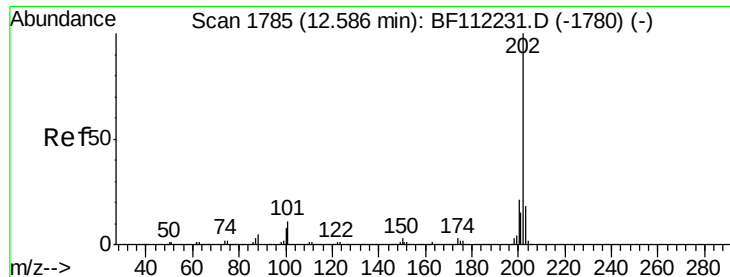


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 93.321 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

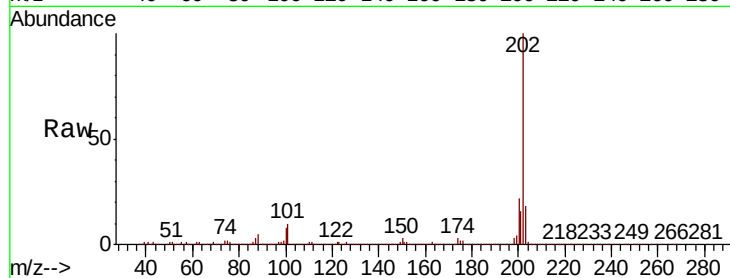
Tgt Ion:202 Resp: 2242150

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

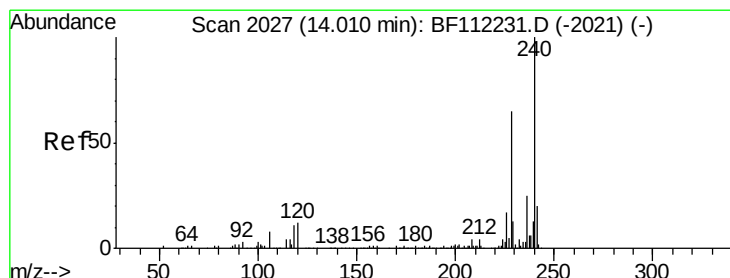
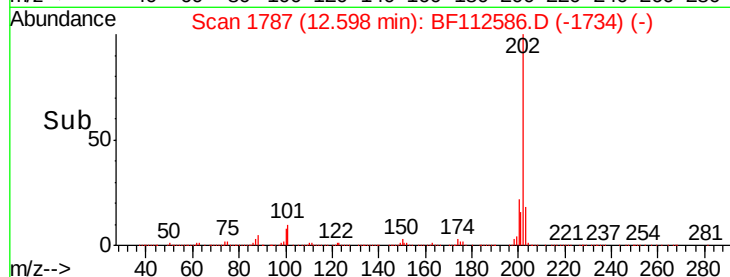
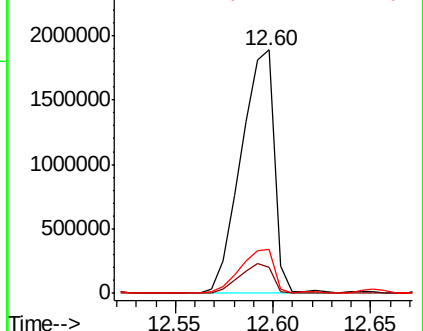
203 17.8 0.0 38.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

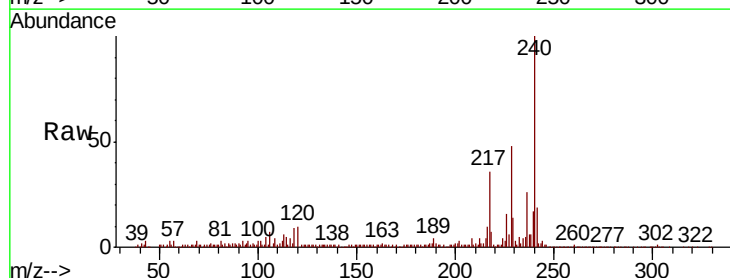
Tgt Ion:240 Resp: 287901

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

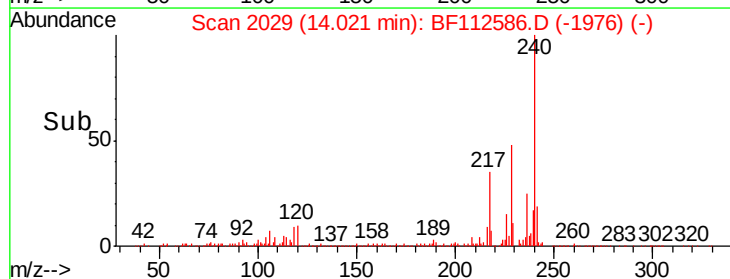
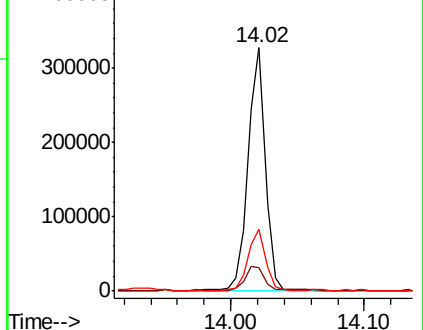
236 25.5 20.7 31.1

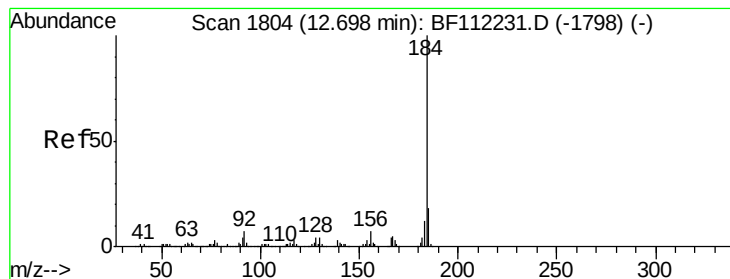


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.086 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.26 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

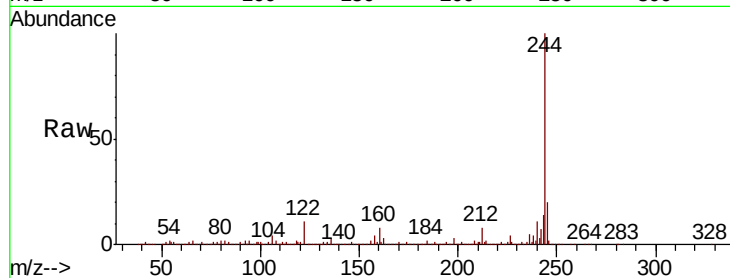
Tgt Ion:184 Resp: 32381

Ion Ratio Lower Upper

184 100

185 18.8 13.9 20.9

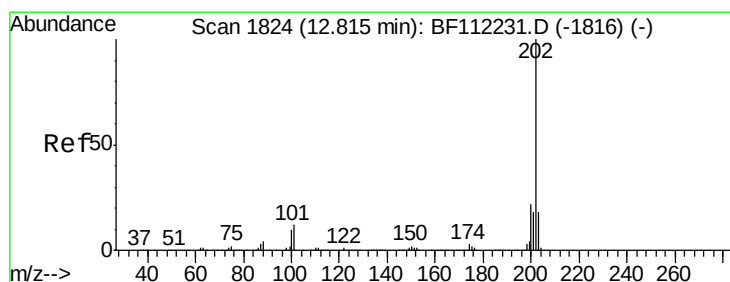
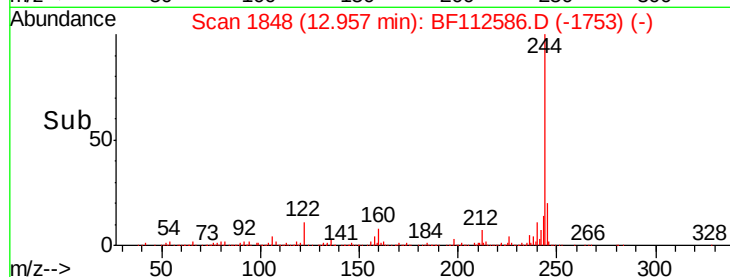
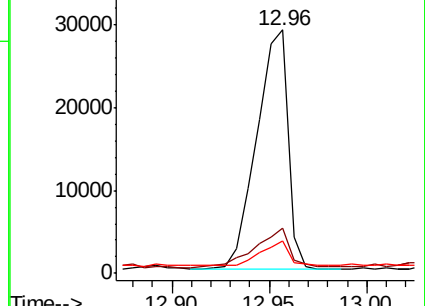
183 13.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 99.691 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

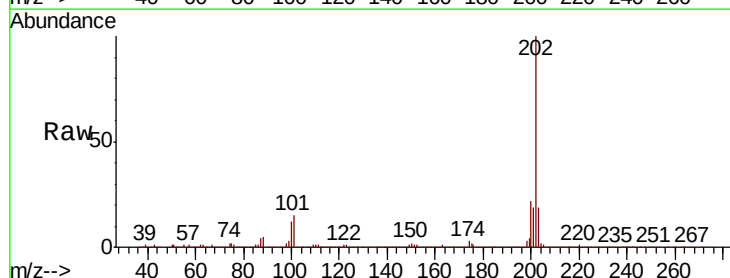
Tgt Ion:202 Resp: 1987104

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

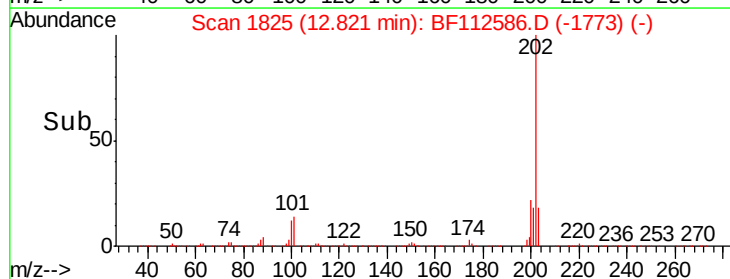
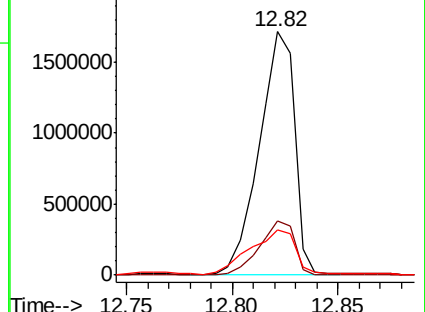
203 18.6 14.6 22.0

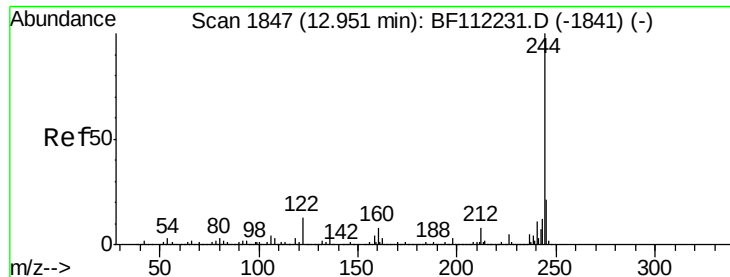


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 139.175 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampled :

TP-1-214

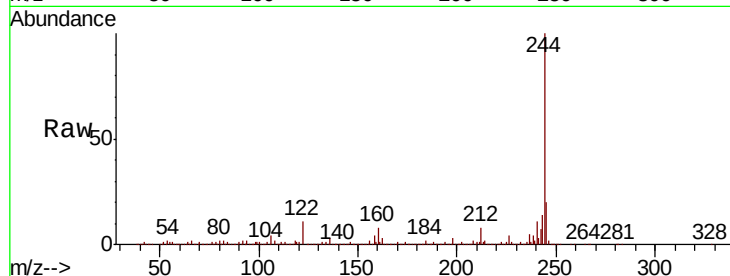
Tgt Ion:244 Resp: 2127410

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

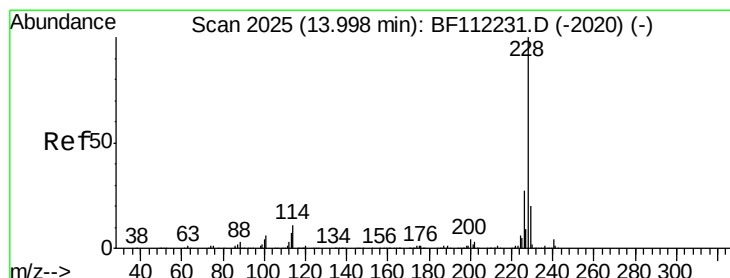
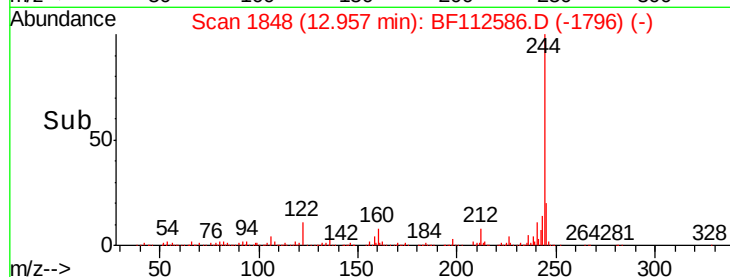
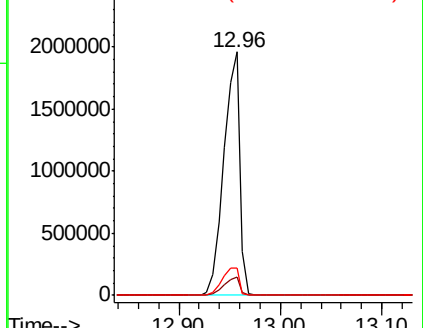
122 11.1 9.8 14.6



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



#81

Benzo(a)anthracene

Concen: 59.178 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

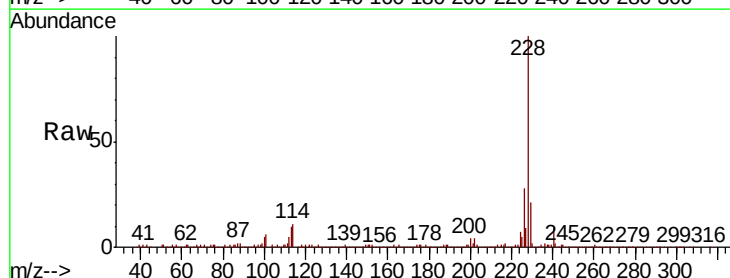
Tgt Ion:228 Resp: 1001545

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

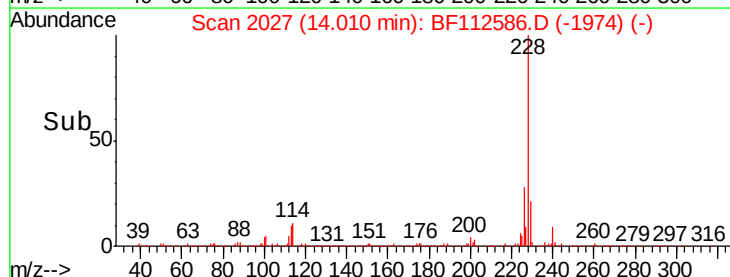
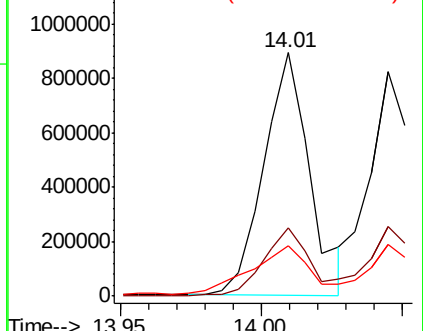
229 20.9 16.5 24.7

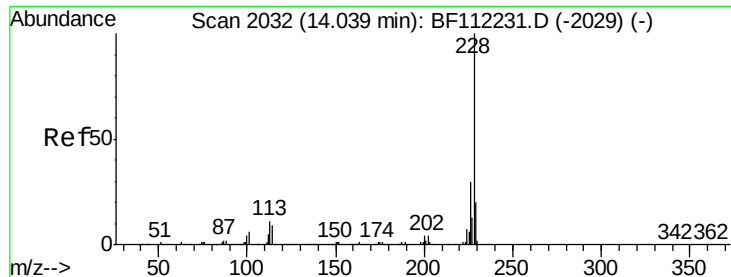


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 49.076 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

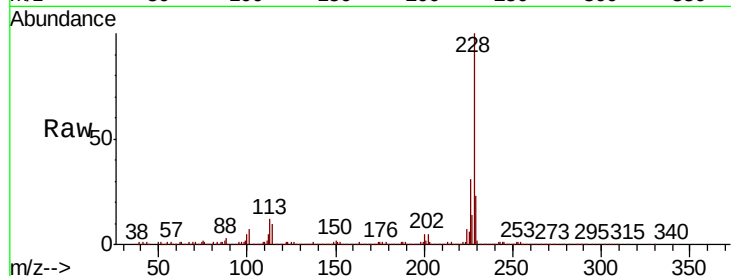
Tgt Ion: 228 Resp: 792822

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

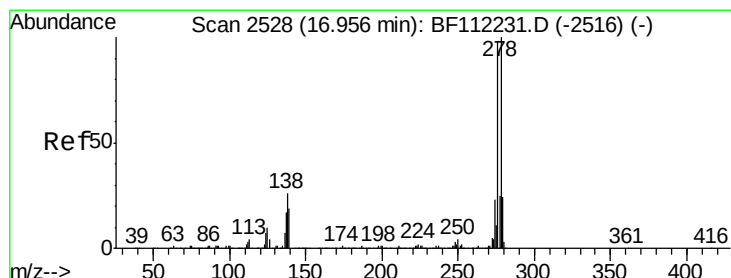
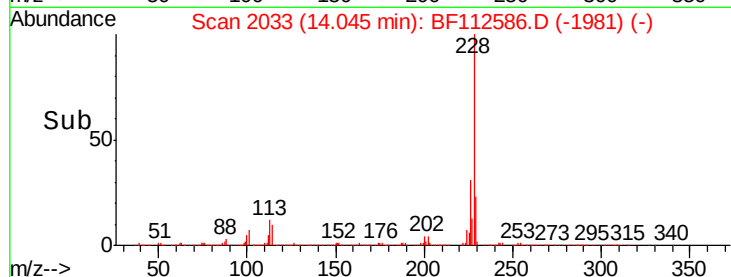
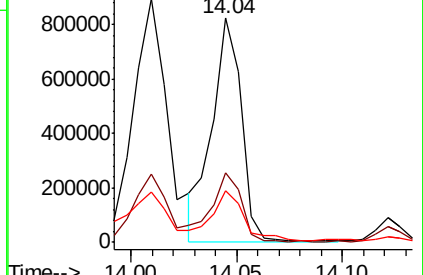
229 23.2 16.6 24.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 24.085 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.05 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

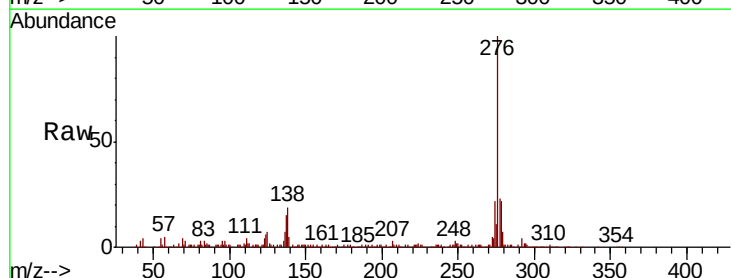
Tgt Ion: 276 Resp: 308311

Ion Ratio Lower Upper

276 100

138 20.5 22.6 34.0#

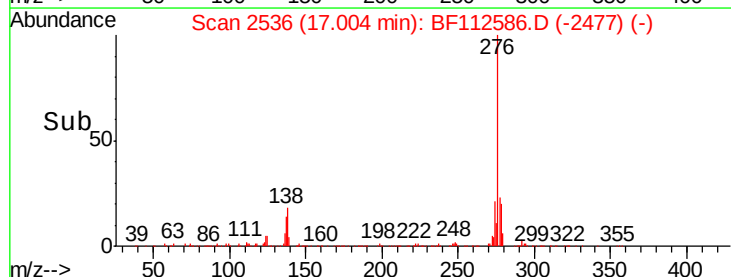
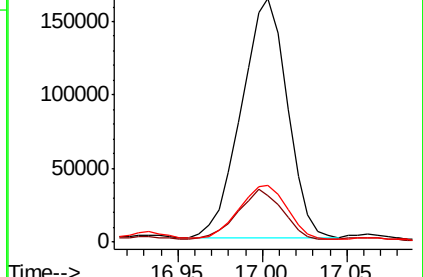
277 24.2 20.3 30.5

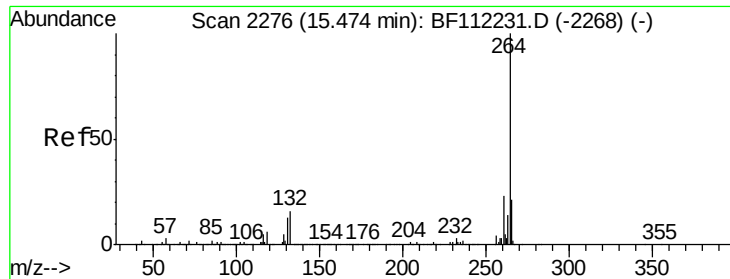


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



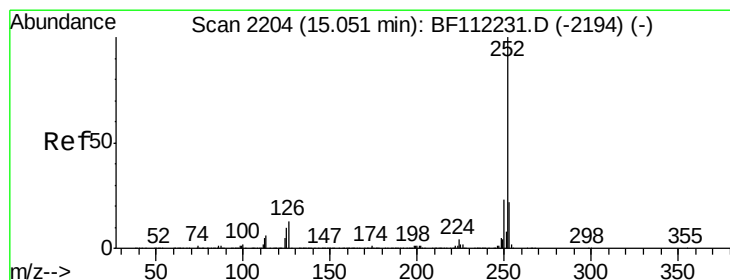
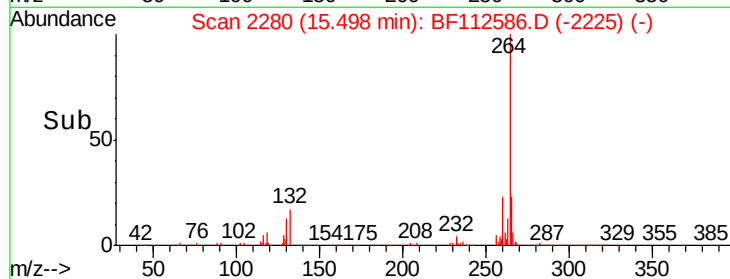
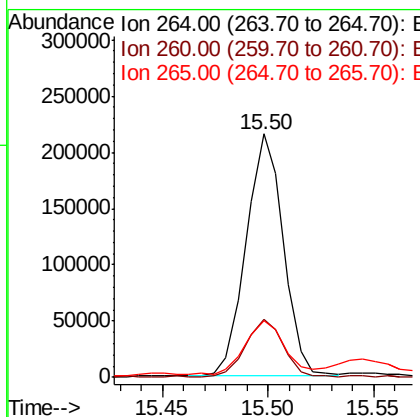
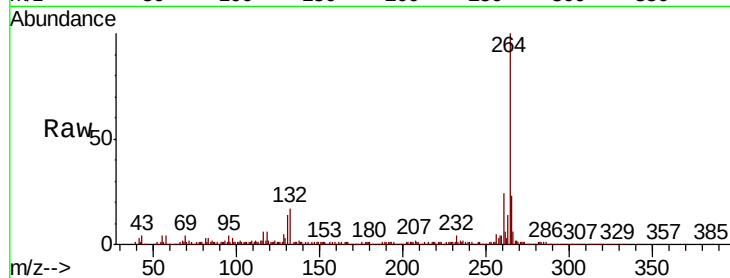


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1-214

Tgt Ion:264 Resp: 265097

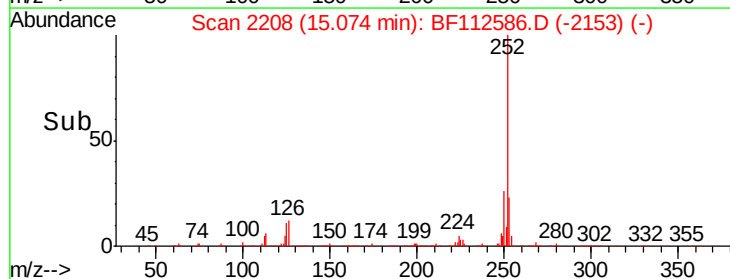
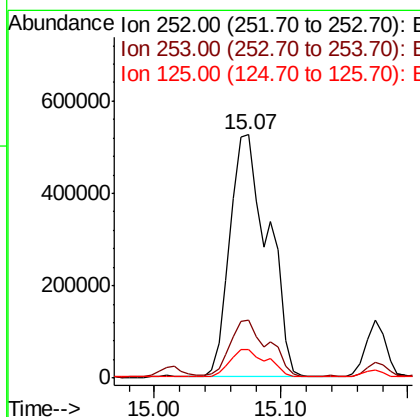
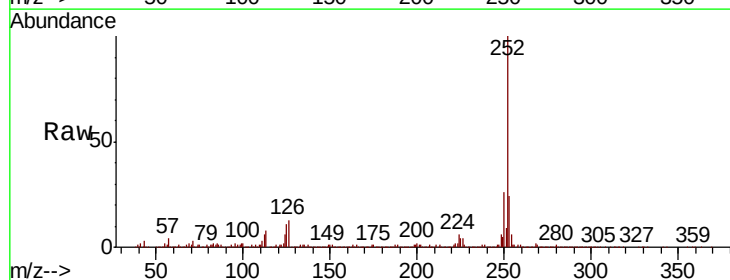
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	23.3	17.0	25.4

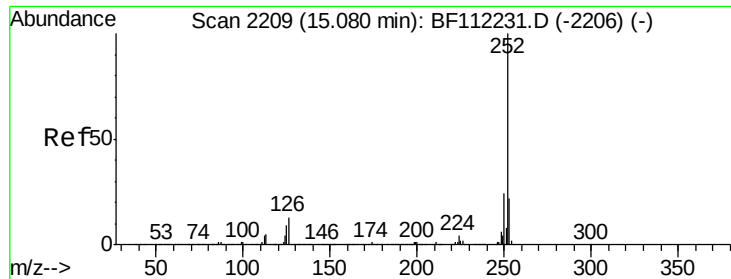


#88
Benzo(b)fluoranthene
Concen: 69.008 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Tgt Ion:252 Resp: 1094060

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	11.5	8.7	13.1

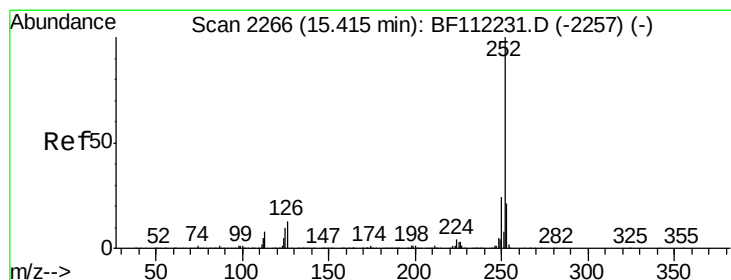
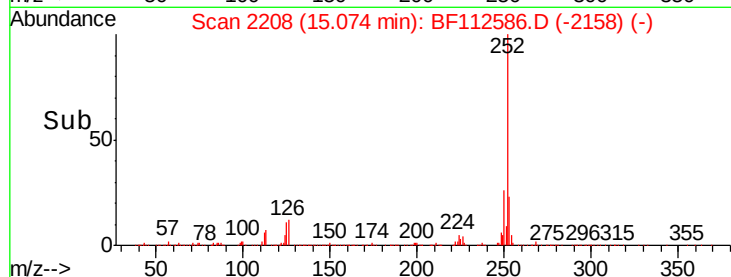
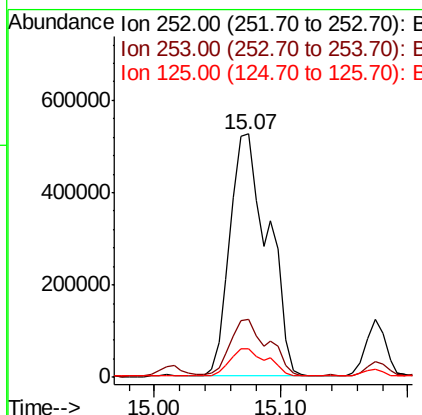
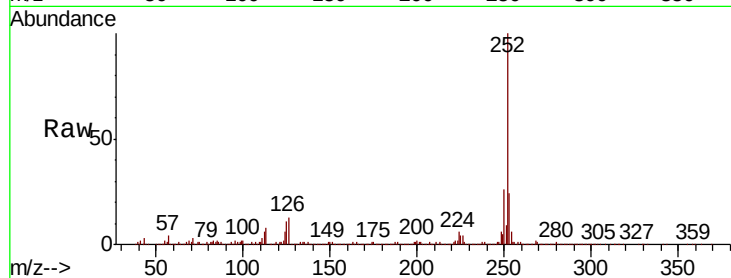




#89
Benzo(k)fluoranthene
Concen: 72.044 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

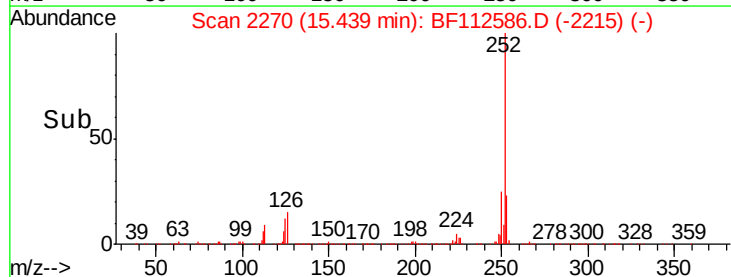
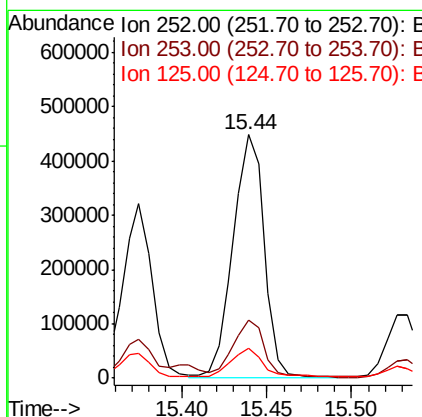
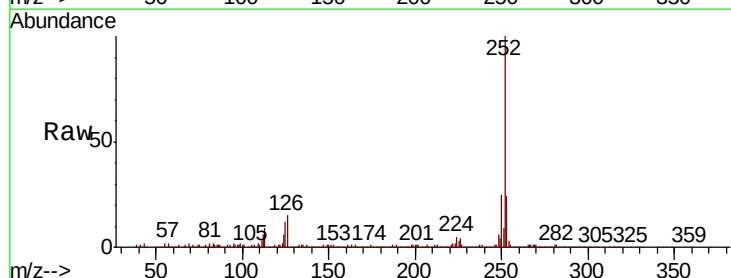
Instrument :
BNA_F
ClientSampleId :
TP-1-214

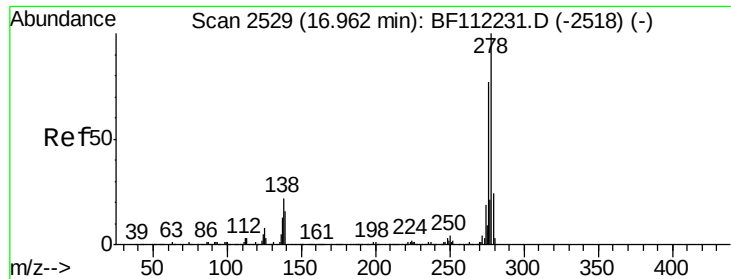
Tgt Ion:252 Resp: 1094049
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 11.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.132 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112586.D
Acq: 15 Feb 2019 18:42

Tgt Ion:252 Resp: 572498
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 12.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 6.729 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.20 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1-214

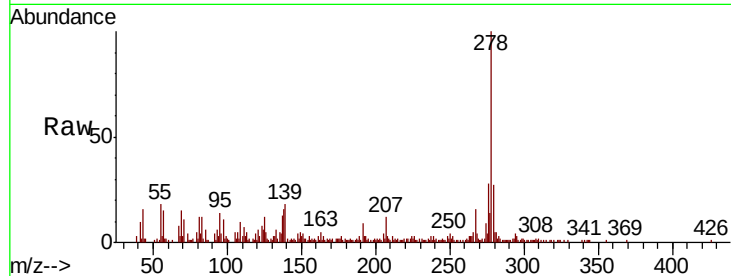
Tgt Ion:278 Resp: 77361

Ion Ratio Lower Upper

278 100

139 17.9 13.7 20.5

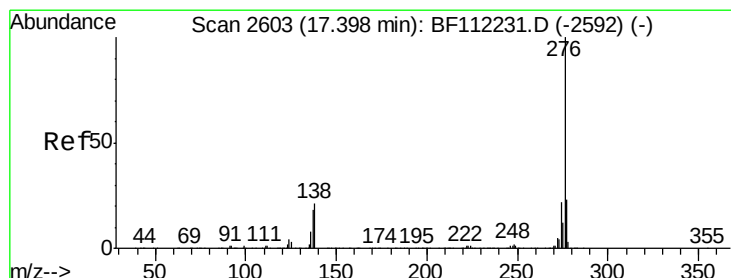
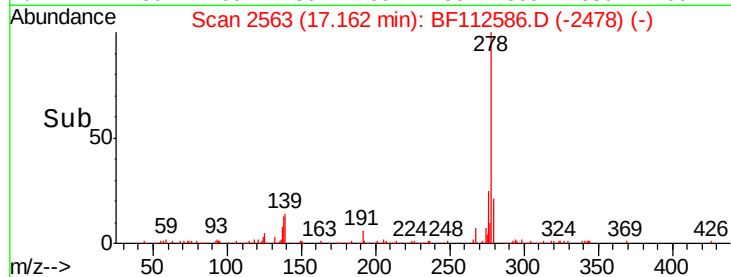
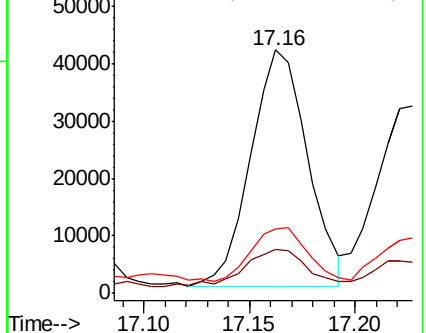
279 26.6 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 24.628 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.06 min

Lab File: BF112586.D

Acq: 15 Feb 2019 18:42

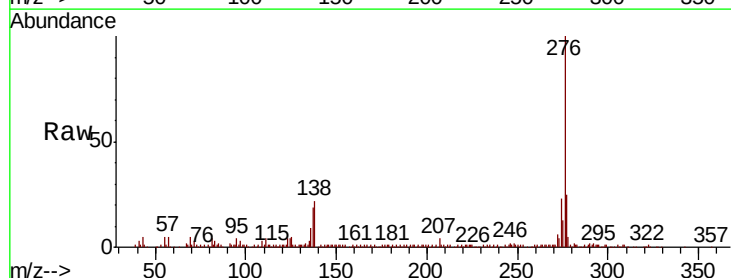
Tgt Ion:276 Resp: 267141

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 22.0 19.1 28.7



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

