

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG041002.D
 Acq On : 1 Jun 2019 7:55
 Operator : HP/JU
 Sample : K2966-06RX
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-18(2.5-3.0)

Quant Time: Jun 03 01:28:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	72474	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	286407	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	201197	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	459830	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	451325	20.00	ng	-0.01
87) Perylene-d12	25.12	264	496394	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	455282	113.28	ng	0.00
7) Phenol-d6	7.26	99	662747	106.77	ng	0.00
23) Nitrobenzene-d5	9.30	82	473431	73.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	300914	100.74	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	904622	64.75	ng	-0.01
79) Terphenyl-d14	20.09	244	1209980	56.90	ng	-0.01

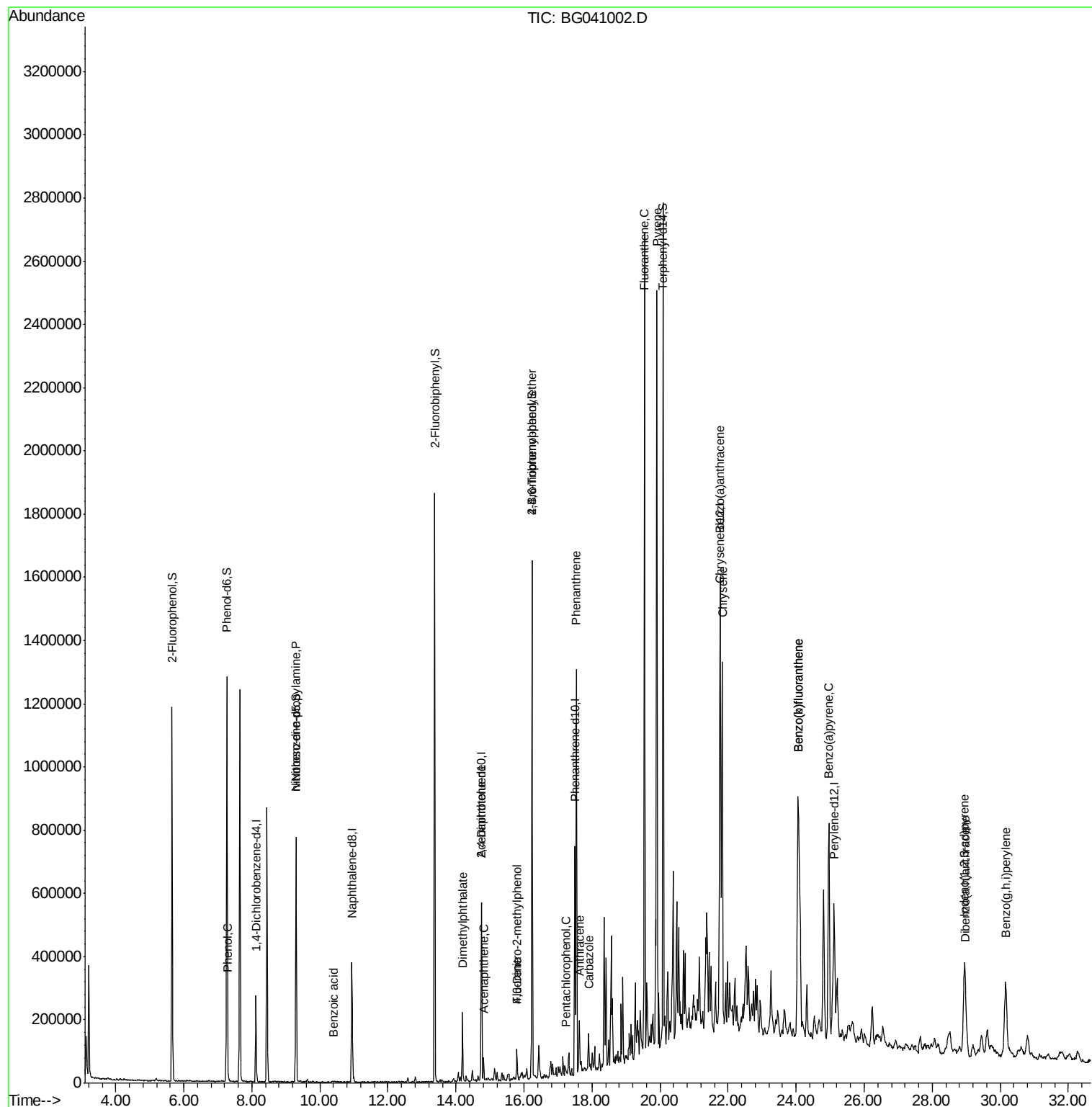
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.29	94	22044	3.312	ng	99
19) n-Nitroso-di-n-propylamine	9.30	70	69065	14.459	ng	# 78
32) Benzoic acid	10.39	122	163	8.169	ng	# 15
50) Dimethylphthalate	14.19	163	131440	7.718	ng	99
52) Acenaphthene	14.81	154	23999	2.059	ng	97
57) 2,4-Dinitrotoluene	14.75	165	26964	5.198	ng	# 23
58) Fluorene	15.79	166	41117	2.632	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	54	8.608	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	23064	3.717	ng	# 1
70) Pentachlorophenol	17.25	266	55	4.271	ng	# 18
71) Phenanthrene	17.54	178	777142	32.446	ng	99
72) Anthracene	17.63	178	111153	4.705	ng	96
73) Carbazole	17.90	167	66814	3.296	ng	99
75) Fluoranthene	19.54	202	1653898	55.904	ng	95
78) Pyrene	19.91	202	1559826	53.165	ng	96
81) Benzo(a)anthracene	21.76	228	841189	27.999	ng	98
83) Chrysene	21.83	228	865501	30.104	ng	95
86) Indeno(1,2,3-cd)pyrene	28.96	276	550961	15.644	ng	# 97
88) Benzo(b)fluoranthene	24.05	252	1071243	35.580	ng	99
89) Benzo(k)fluoranthene	24.05	252	1071243	35.955	ng	99
90) Benzo(a)pyrene	24.96	252	814909	28.369	ng	100
91) Dibenzo(a,h)anthracene	28.98	278	87588	3.052	ng	97
92) Benzo(g,h,i)perylene	30.16	276	541094	19.404	ng	97

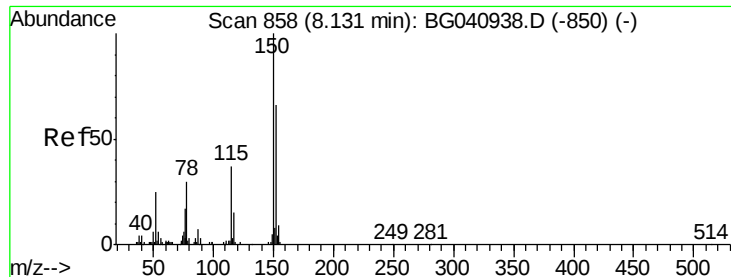
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 29 18:39:57 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

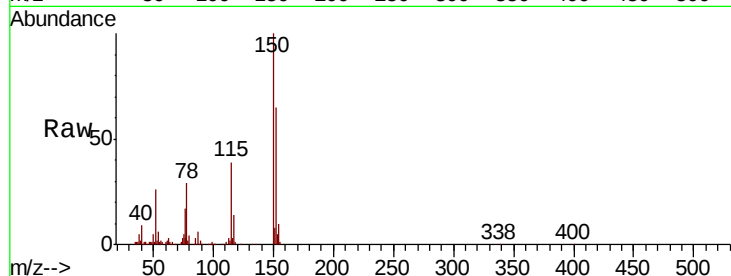
Tot Ion:152 Resp: 72474

Ion Ratio Lower Upper

152 100

150 153.6 120.6 180.8

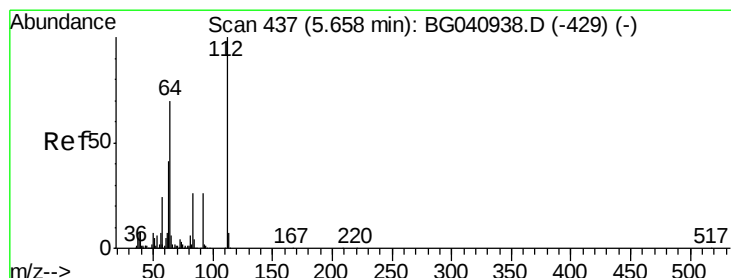
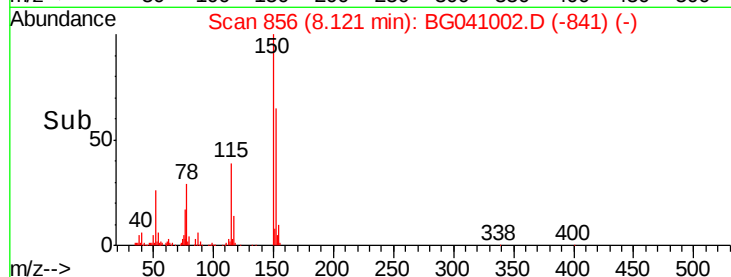
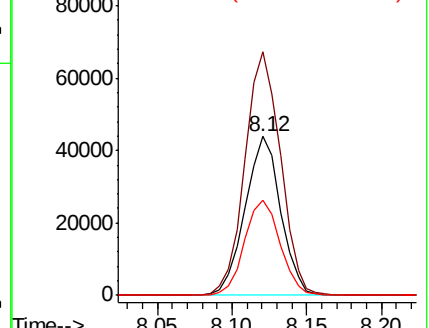
115 60.0 45.1 67.7



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: 113.278 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

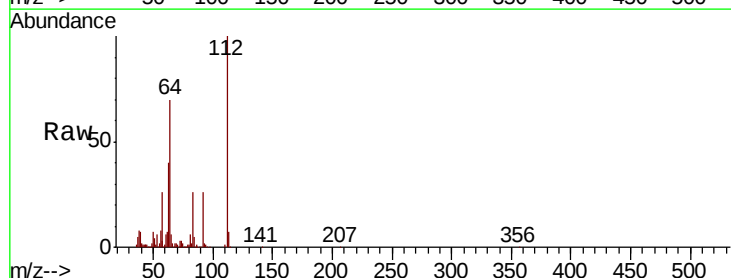
Tgt Ion:112 Resp: 455282

Ion Ratio Lower Upper

112 100

64 69.8 56.2 84.2

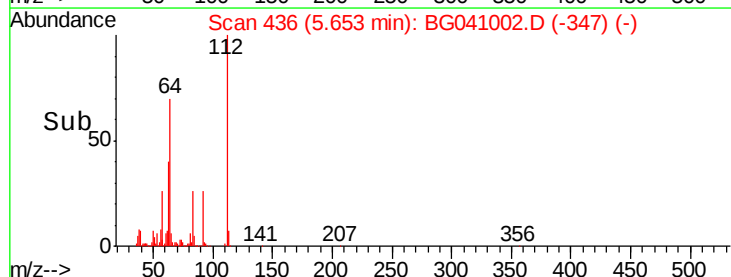
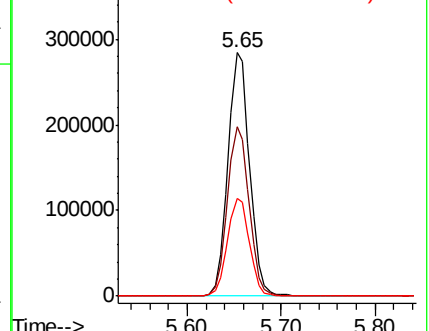
63 40.1 32.8 49.2

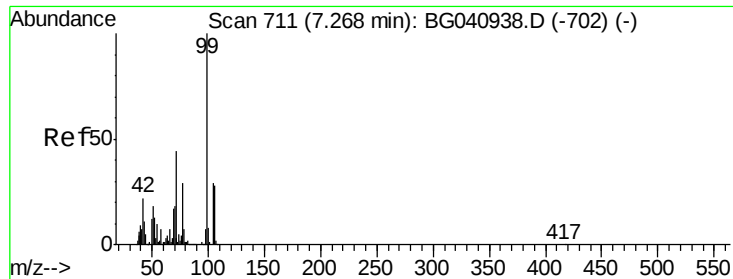


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 106.771 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

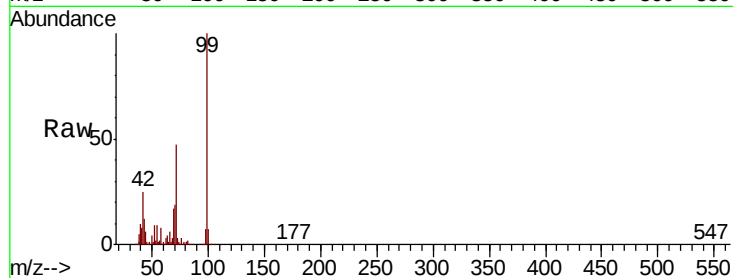
Tot Ion: 99 Resp: 662747

Ion Ratio Lower Upper

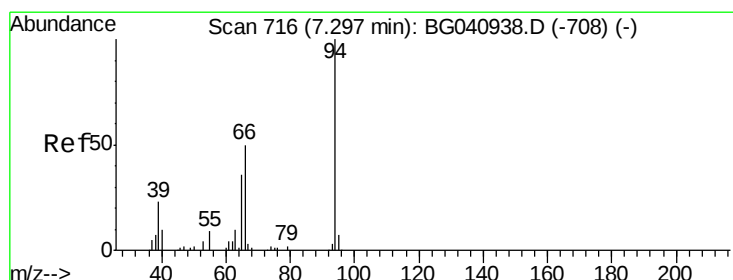
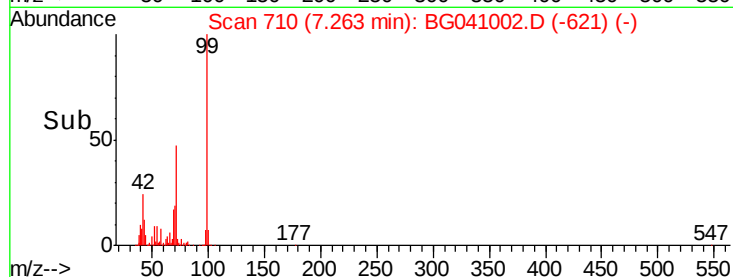
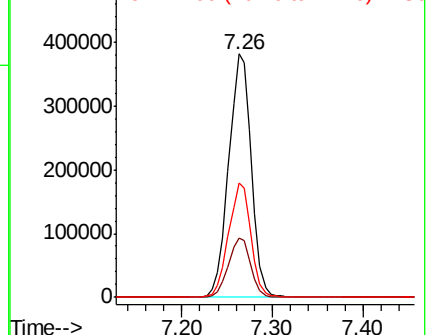
99 100

42 24.5 17.9 26.9

71 47.2 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.312 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

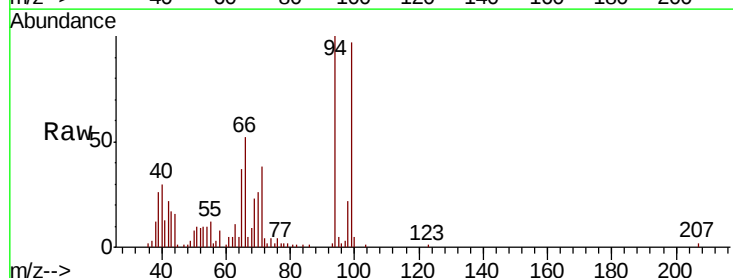
Tgt Ion: 94 Resp: 22044

Ion Ratio Lower Upper

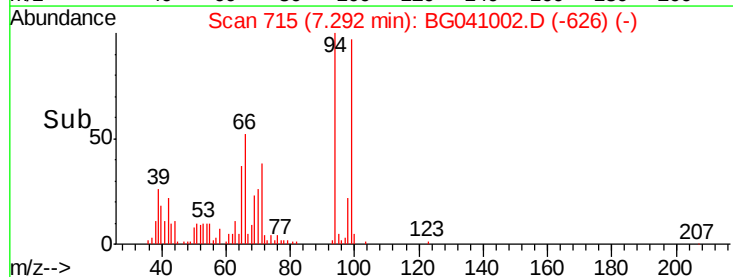
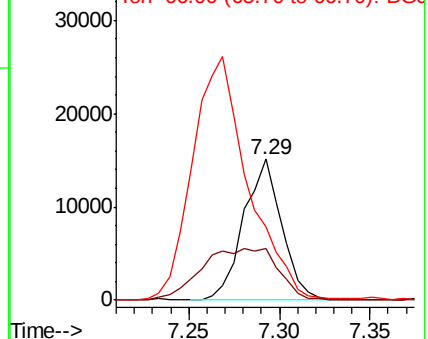
94 100

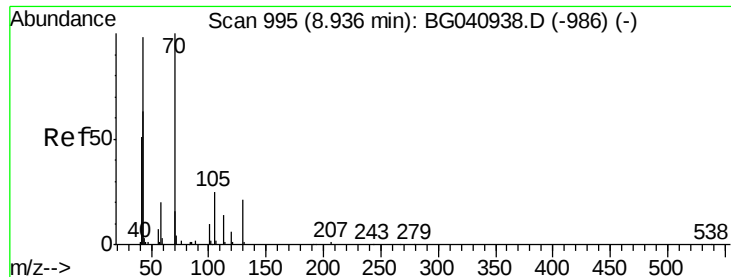
65 36.7 17.0 57.0

66 51.8 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

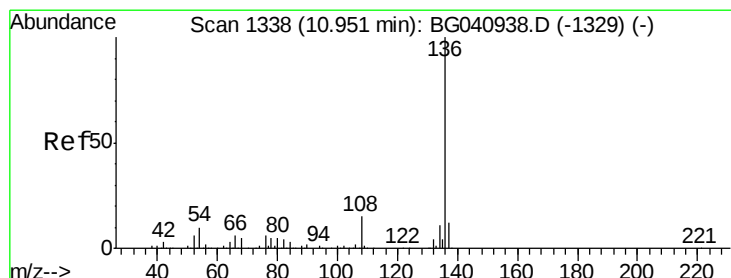
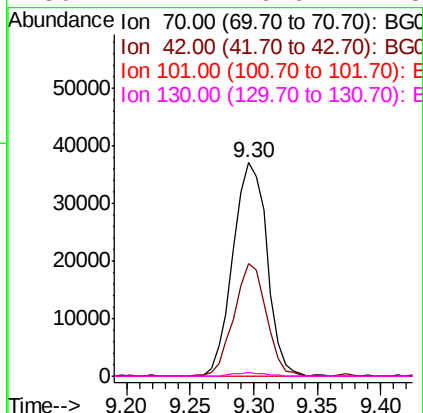
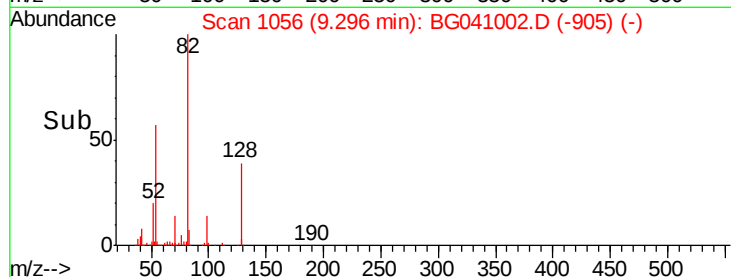
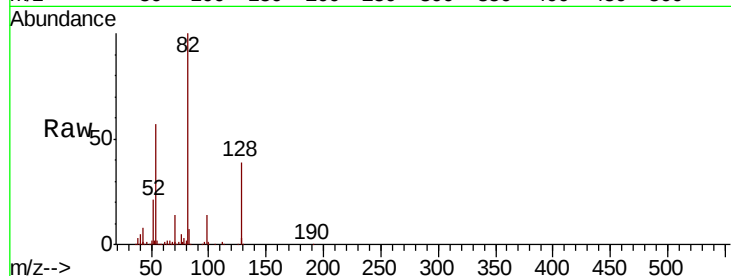




#19
n-Nitroso-di-n-propylamine
Concen: 14.459 ng
RT: 9.30 min Scan# 1056
Delta R.T. 0.36 min
Lab File: BG041002.D
Acq: 1 Jun 2019 7:55

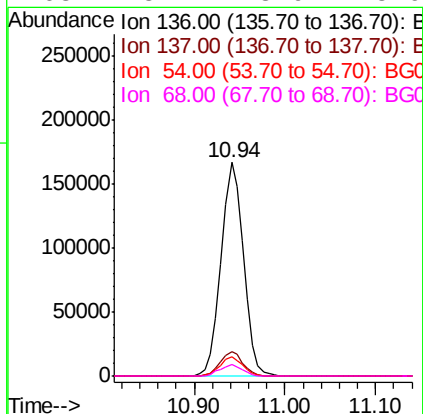
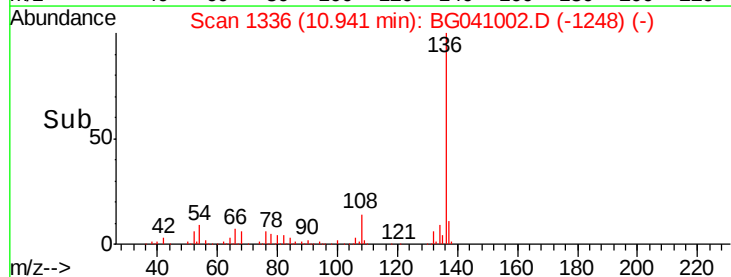
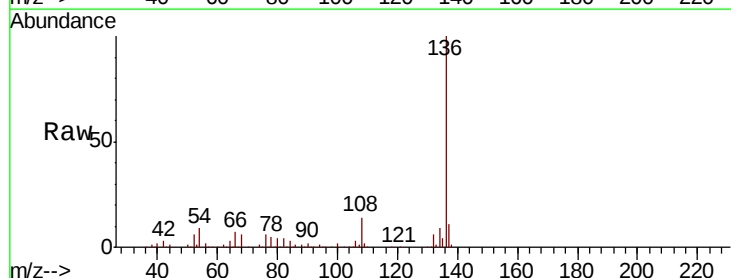
Instrument :
BNA_G
ClientSampleId :
FESB-18(2.5-3.0)

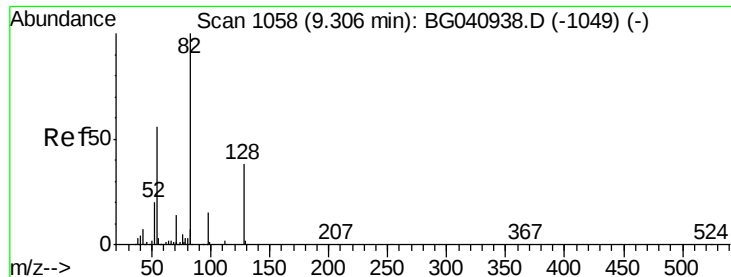
Tot Ion: 70 Resp: 69065
Ion Ratio Lower Upper
70 100
42 52.7 51.5 77.3
101 0.0 8.1 12.1#
130 2.1 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041002.D
Acq: 1 Jun 2019 7:55

Tgt Ion: 136 Resp: 286407
Ion Ratio Lower Upper
136 100
137 11.3 9.5 14.3
54 9.1 7.6 11.4
68 5.7 3.9 5.9

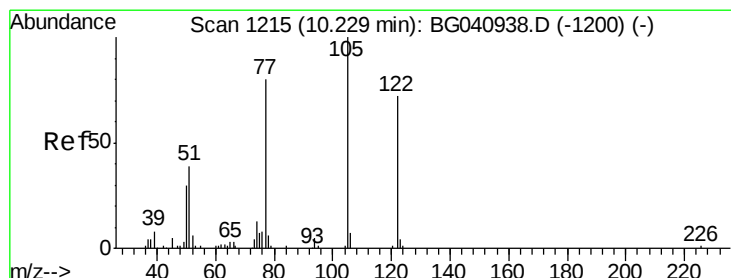
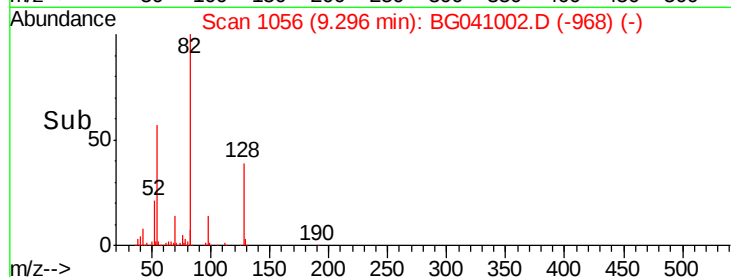
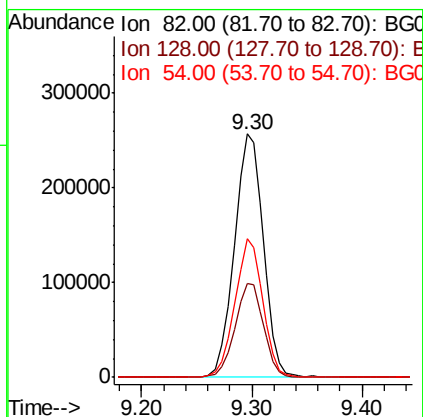
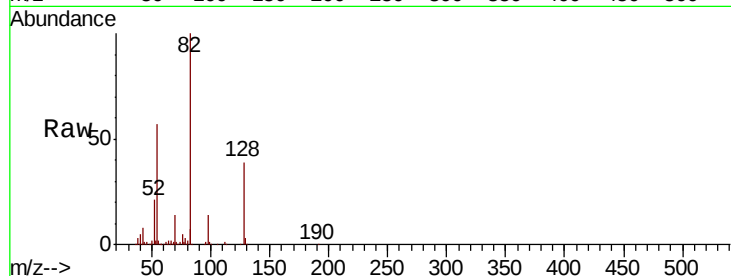




#23
 Nitrobenzene-d5
 Concen: 73.383 ng
 RT: 9.30 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041002.D
 Acq: 1 Jun 2019 7:55

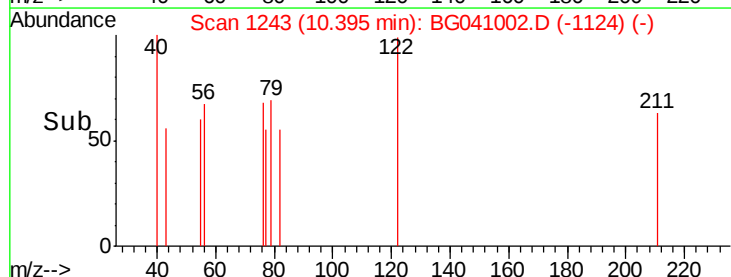
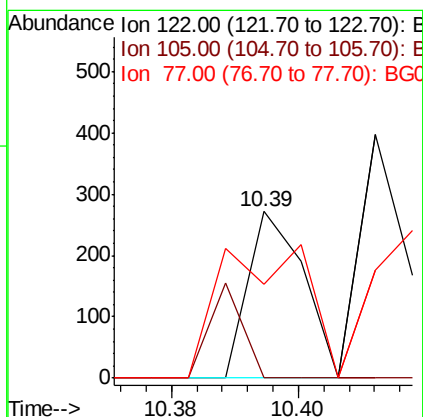
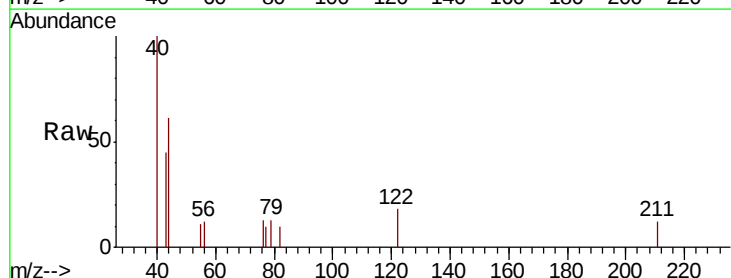
Instrument :
 BNA_G
 ClientSampleId :
 FESB-18(2.5-3.0)

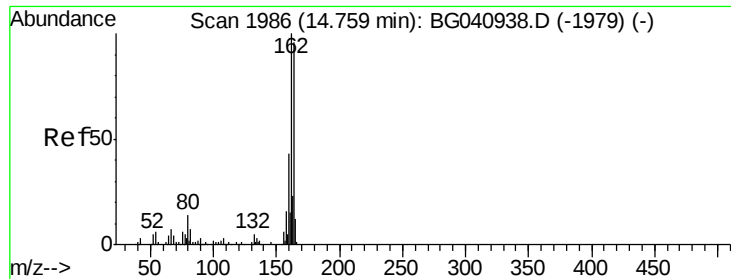
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	57.1	44.6	66.8



#32
 Benzoic acid
 Concen: 8.169 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. 0.17 min
 Lab File: BG041002.D
 Acq: 1 Jun 2019 7:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	56.3	89.9	129.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

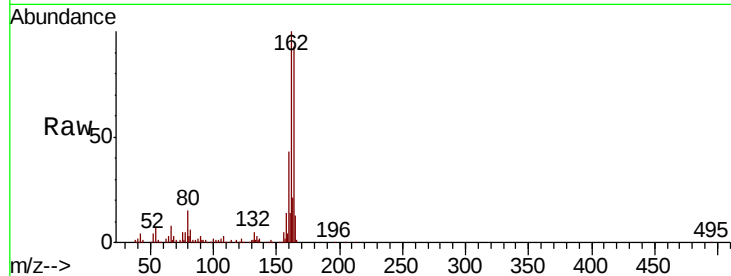
Tot Ion:164 Resp: 201197

Ion Ratio Lower Upper

164 100

162 107.1 83.0 124.4

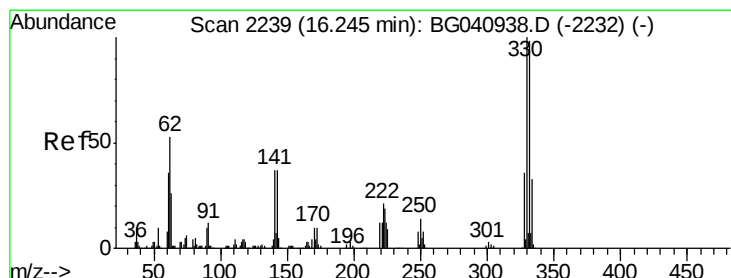
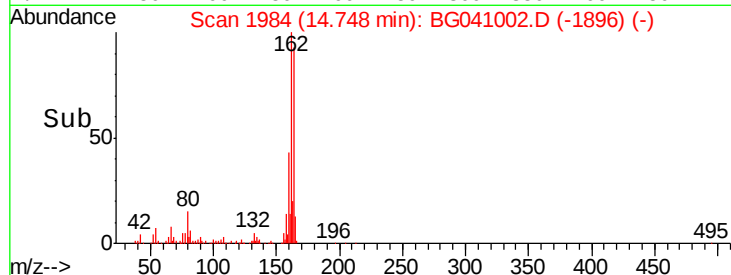
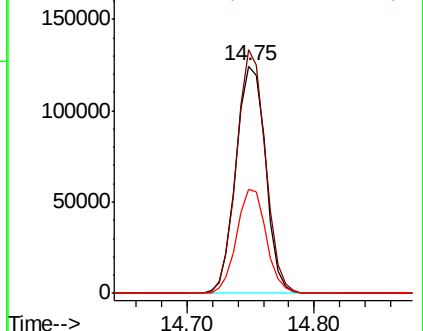
160 45.7 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 100.744 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

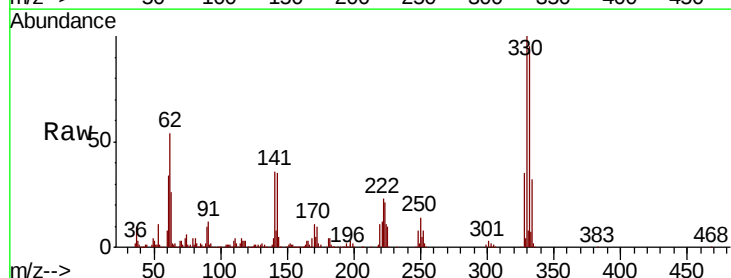
Tgt Ion:330 Resp: 300914

Ion Ratio Lower Upper

330 100

332 94.6 78.5 117.7

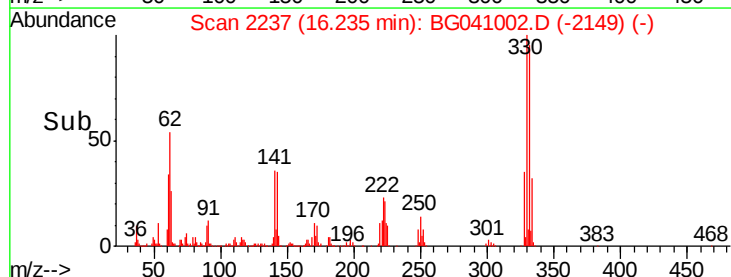
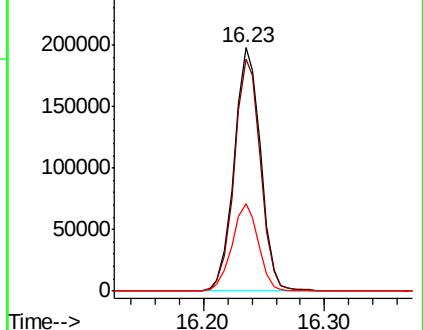
141 36.0 28.7 43.1

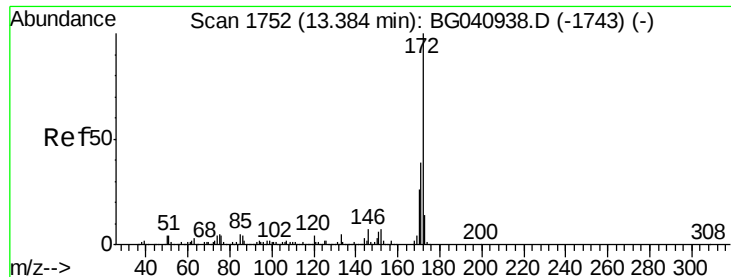


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

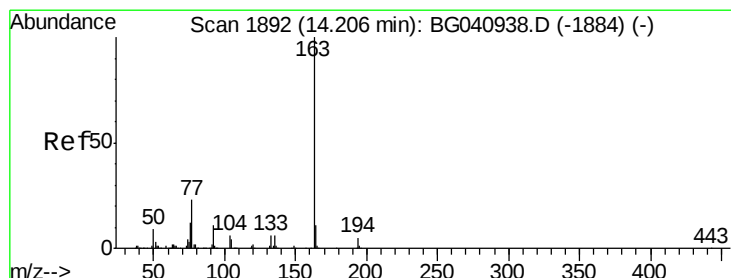
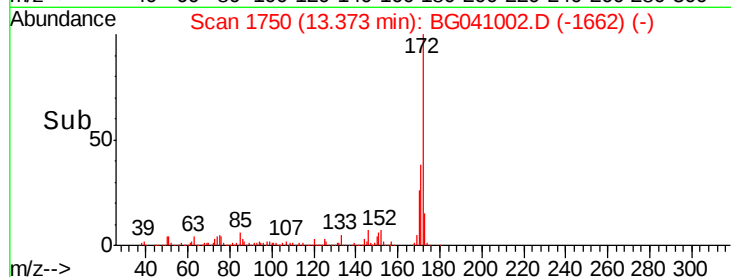
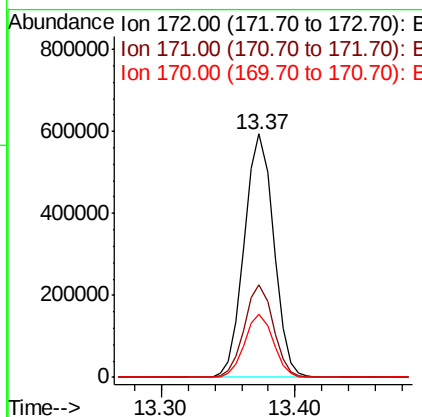
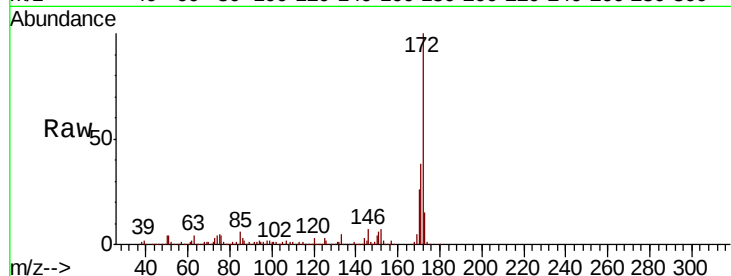




#45
2-Fluorobiphenyl
Concen: 64.750 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041002.D
Acq: 1 Jun 2019 7:55

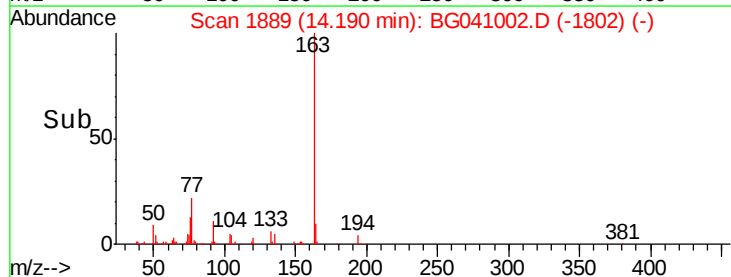
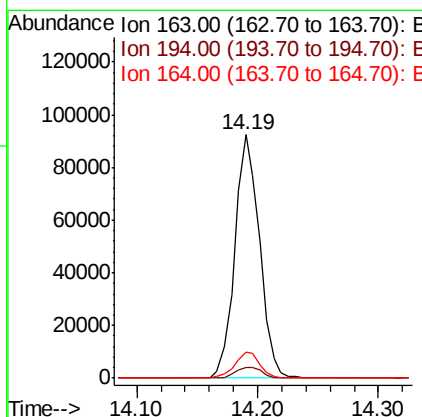
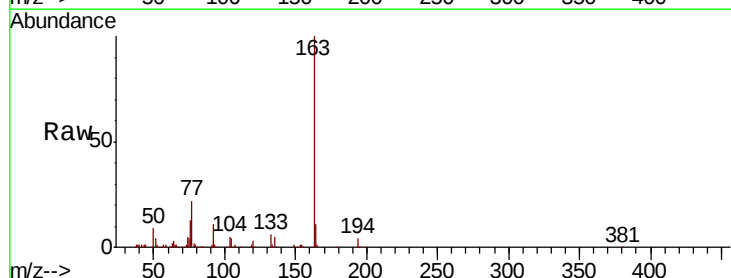
Instrument :
BNA_G
ClientSampleId :
FESB-18(2.5-3.0)

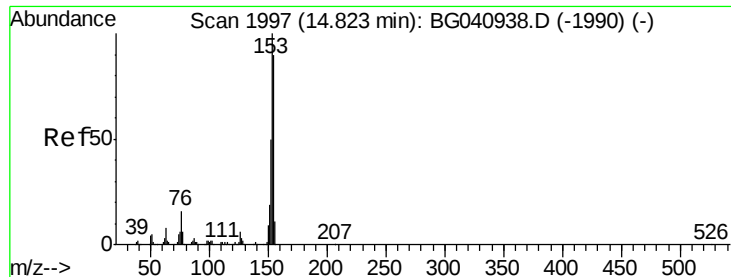
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.1	46.7
170	26.0	20.5	30.7



#50
Dimethylphthalate
Concen: 7.718 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041002.D
Acq: 1 Jun 2019 7:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.8
164	10.7	8.7	13.1





#52

Acenaphthene

Concen: 2.059 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

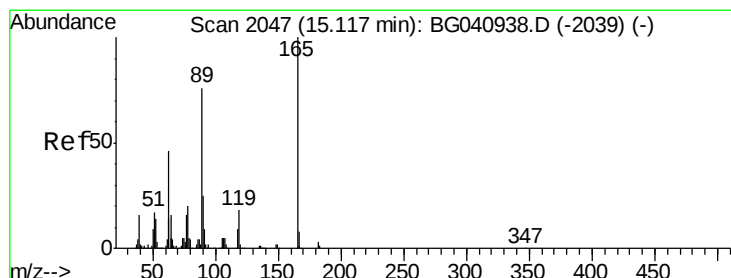
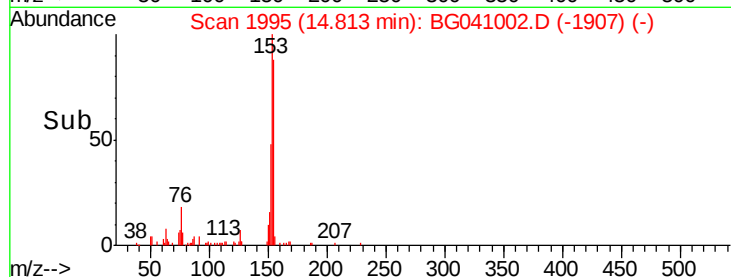
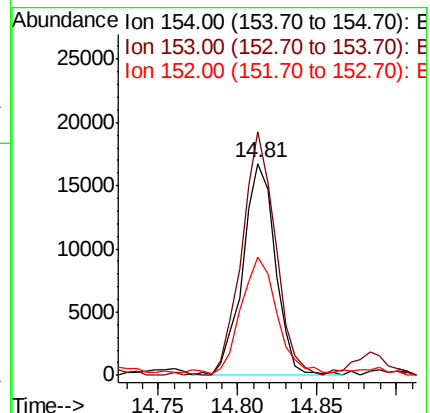
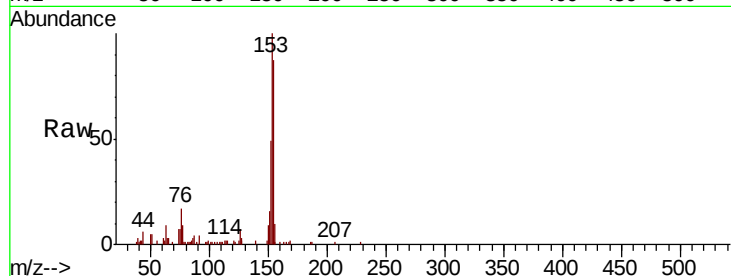
Tot Ion:154 Resp: 23999

Ion Ratio Lower Upper

154 100

153 114.8 88.6 133.0

152 55.7 44.2 66.4



#57

2,4-Dinitrotoluene

Concen: 5.198 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.37 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Tgt Ion:165 Resp: 26964

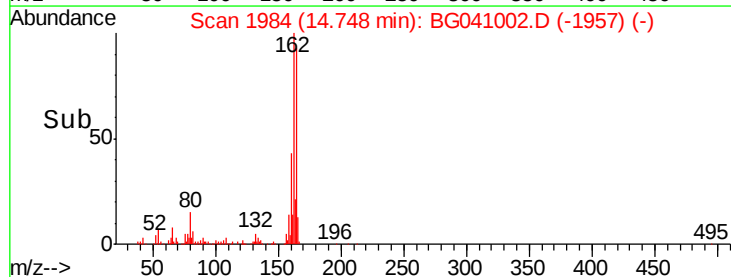
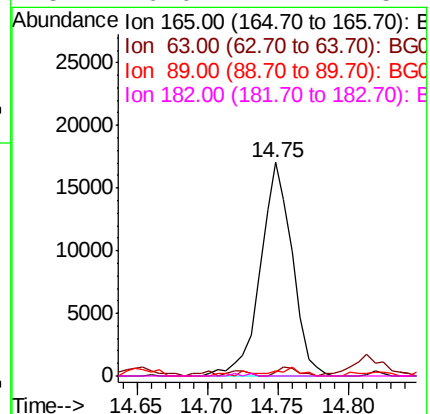
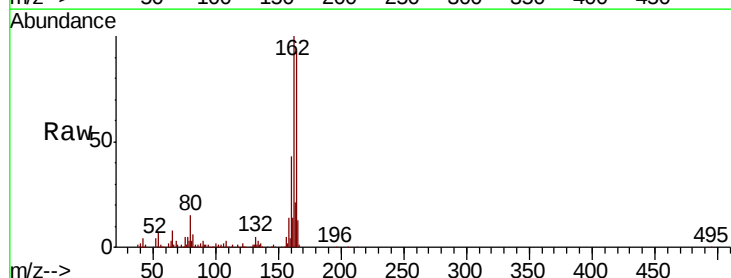
Ion Ratio Lower Upper

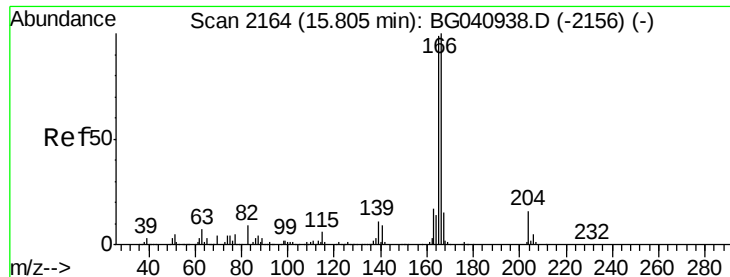
165 100

63 1.8 37.3 55.9#

89 2.5 61.0 91.6#

182 0.0 2.2 3.2#





#58

Fluorene

Concen: 2.632 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

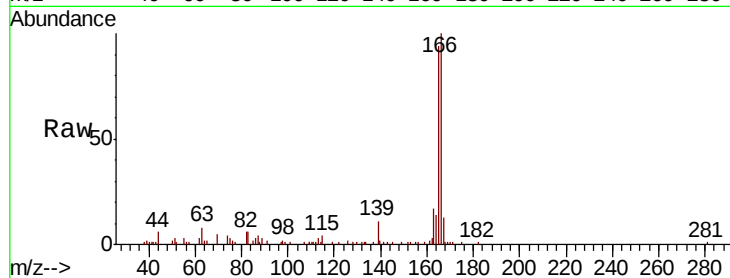
Tot Ion:166 Resp: 41117

Ion Ratio Lower Upper

166 100

165 94.4 79.2 118.8

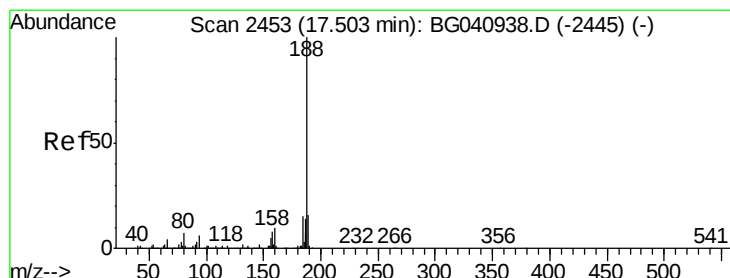
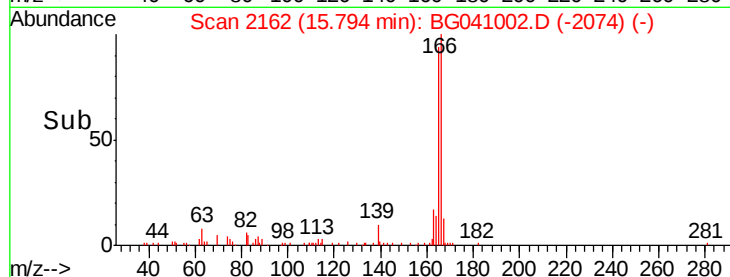
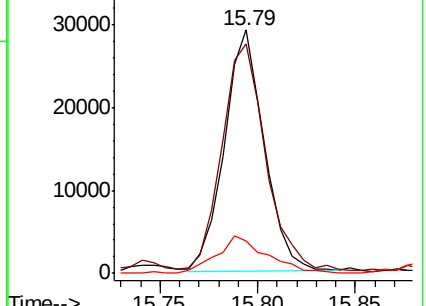
167 13.3 11.8 17.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

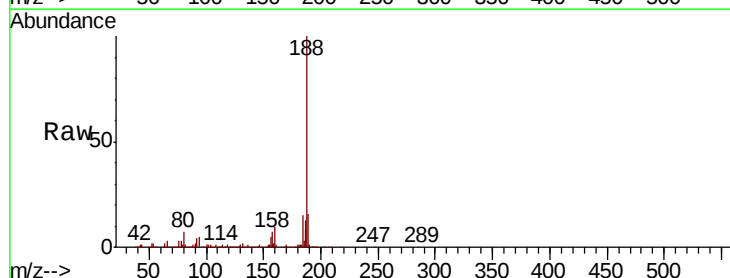
Tgt Ion:188 Resp: 459830

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

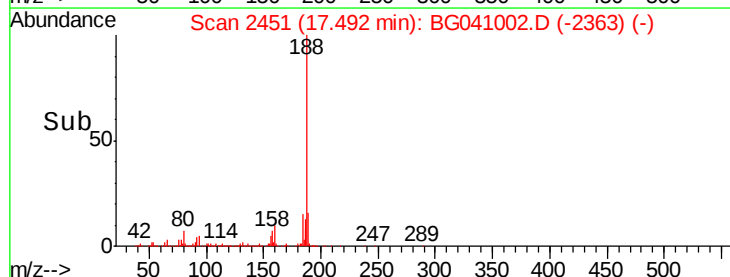
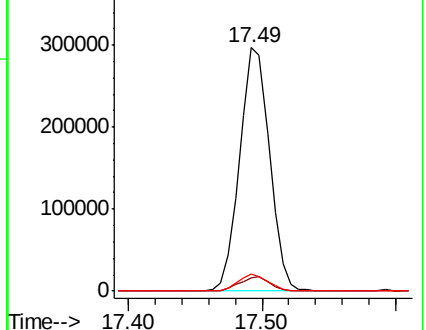
80 7.1 5.8 8.8

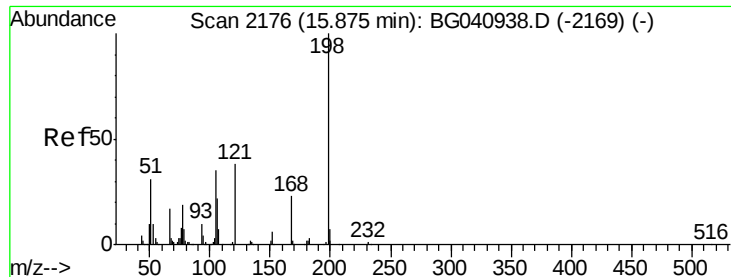


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.608 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.09 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

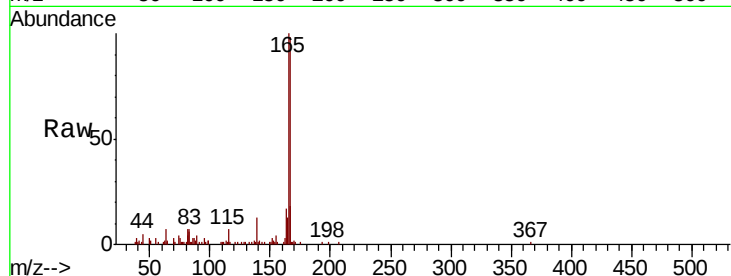
Tot Ion:198 Resp: 54

Ion Ratio Lower Upper

198 100

51 323.7 21.6 61.6#

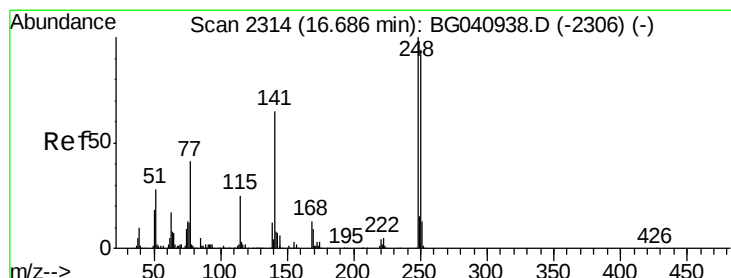
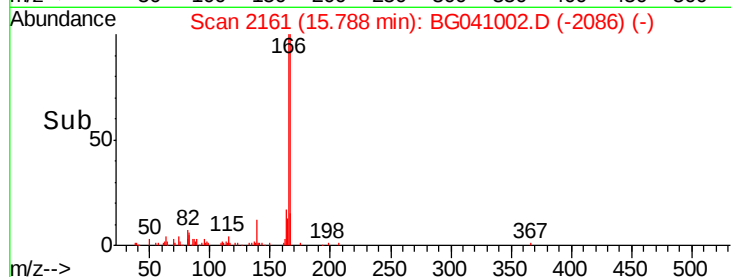
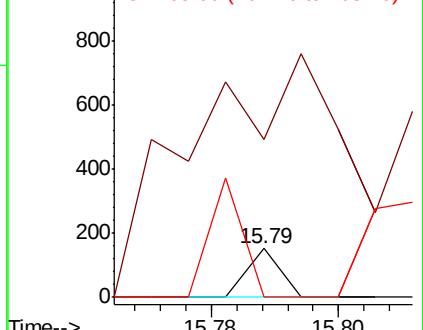
105 0.0 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.717 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.45 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

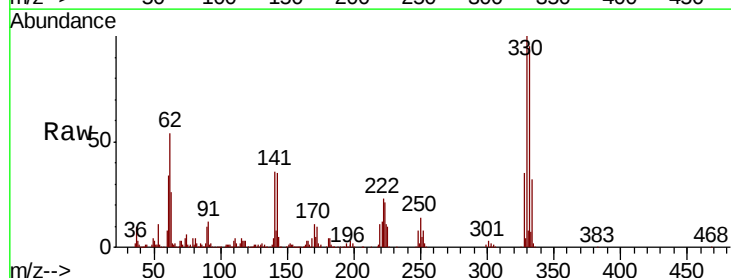
Tgt Ion:248 Resp: 23064

Ion Ratio Lower Upper

248 100

250 184.2 75.0 112.4#

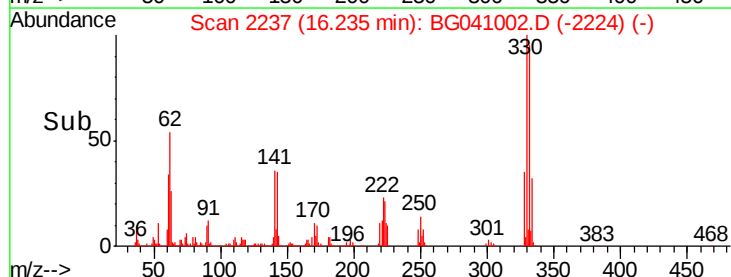
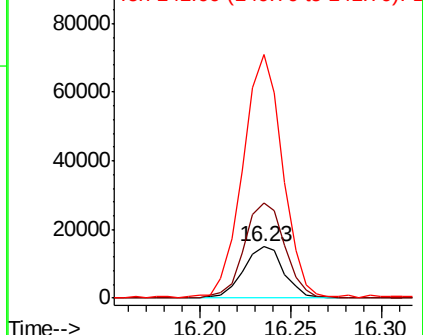
141 472.9 52.4 78.6#

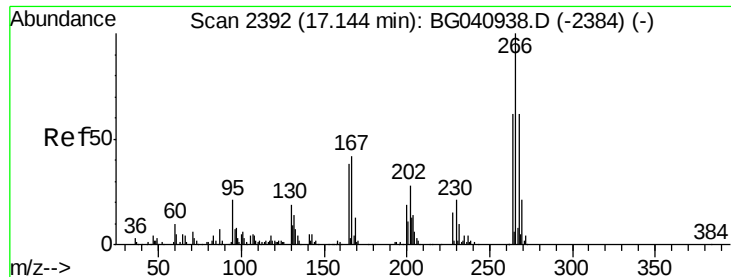


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Pentachlorophenol

Concen: 4.271 ng

RT: 17.25 min Scan# 2409

Delta R.T. 0.10 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

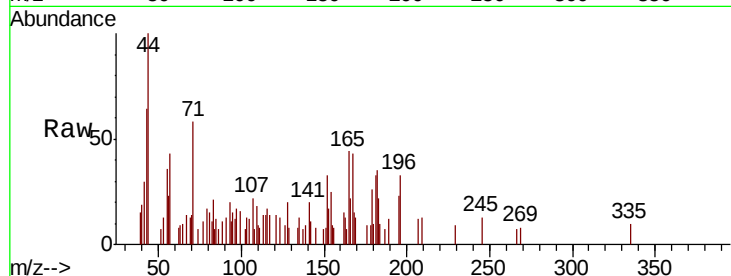
Tot Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 53.1 79.7#

264 0.0 49.9 74.9#

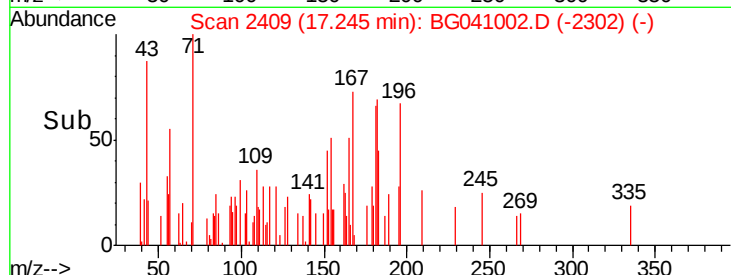
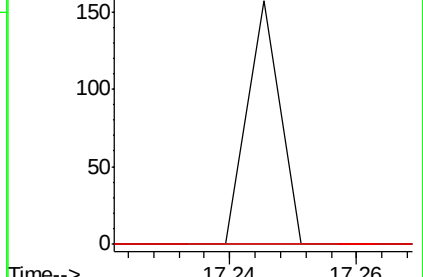


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

17.25



#71

Phenanthrene

Concen: 32.446 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

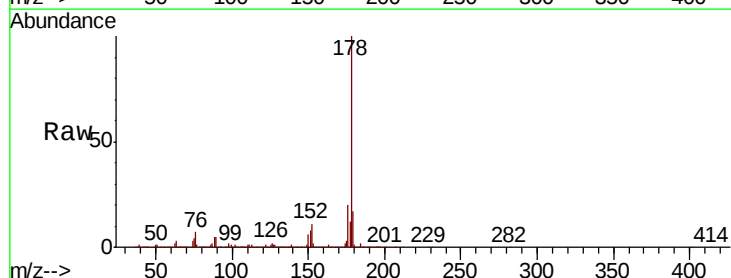
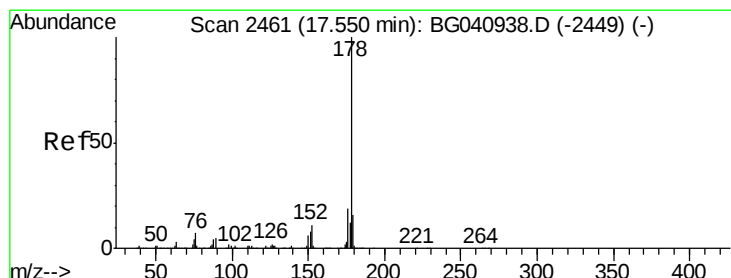
Tgt Ion:178 Resp: 777142

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 16.6 12.7 19.1

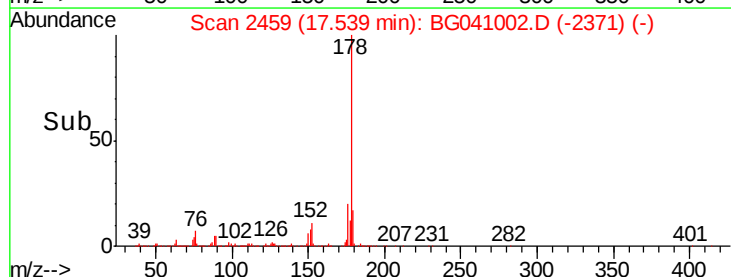
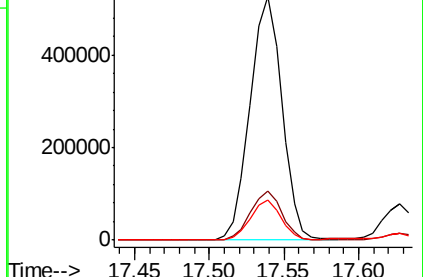


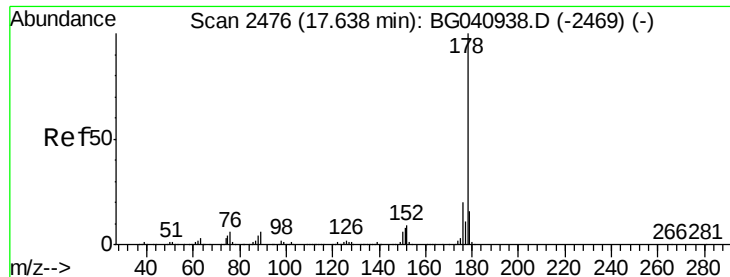
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.54





#72

Anthracene

Concen: 4.705 ng

RT: 17.63 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

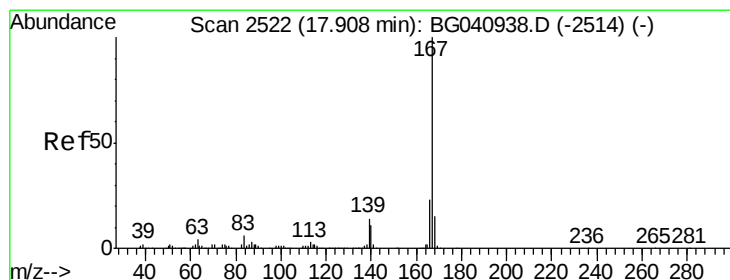
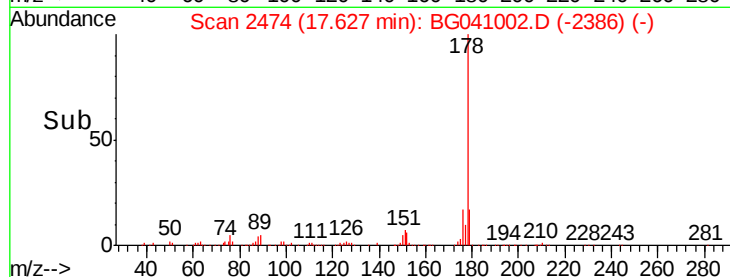
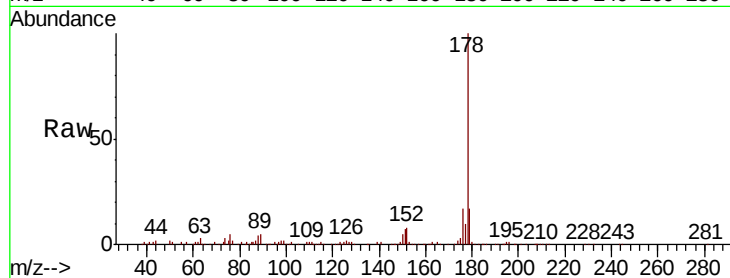
Tot Ion:178 Resp: 111153

Ion Ratio Lower Upper

178 100

176 17.4 15.6 23.4

179 17.2 13.0 19.4



#73

Carbazole

Concen: 3.296 ng

RT: 17.90 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

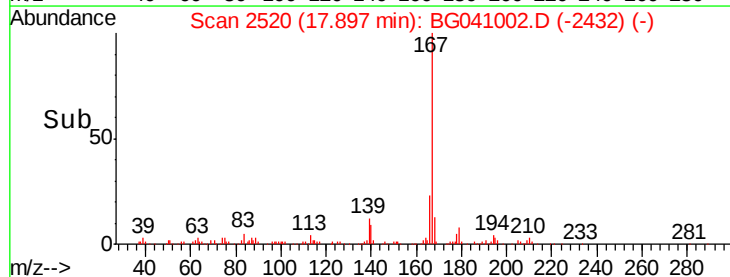
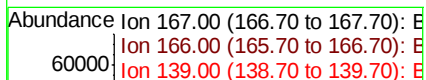
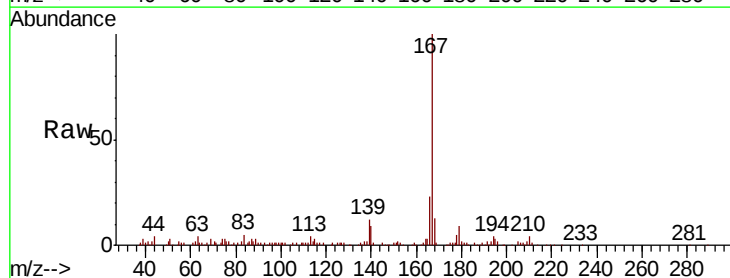
Tgt Ion:167 Resp: 66814

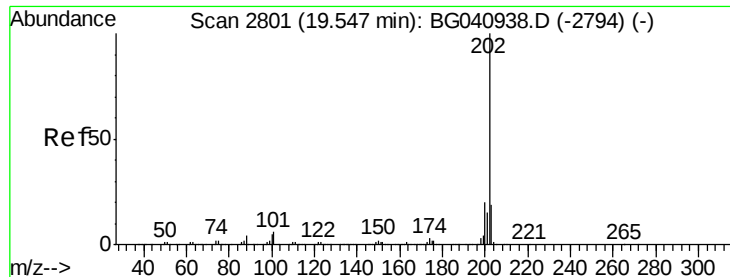
Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.4

139 12.4 10.8 16.2





#75

Fluoranthene

Concen: 55.904 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

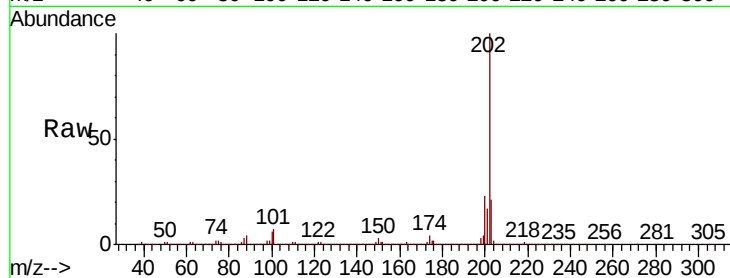
Tot Ion:202 Resp: 1653898

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.2

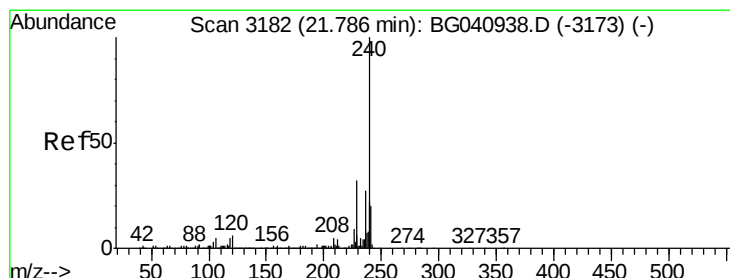
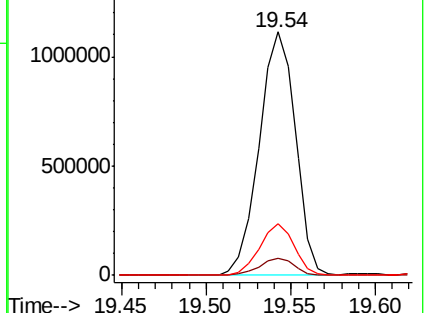
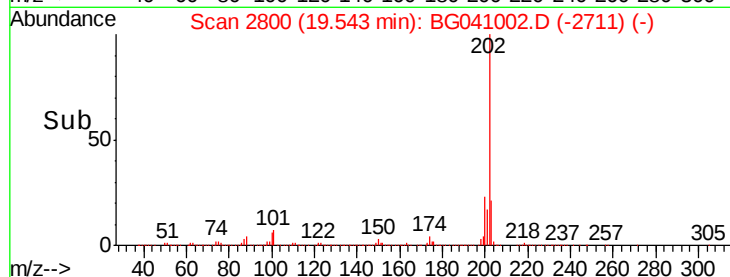
203 21.1 0.0 38.7



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: 21.78 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

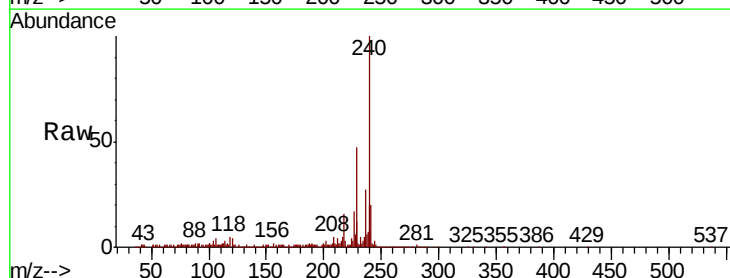
Tgt Ion:240 Resp: 451325

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7#

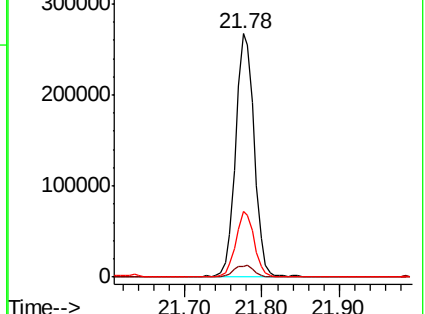
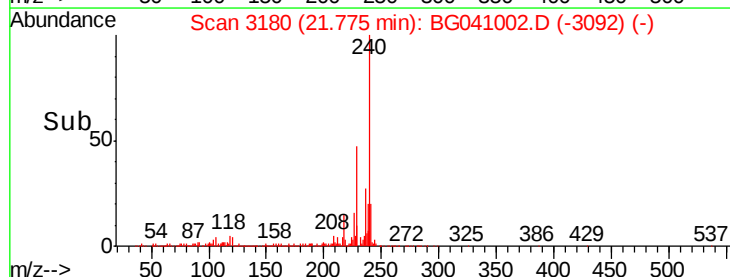
236 27.0 21.3 31.9

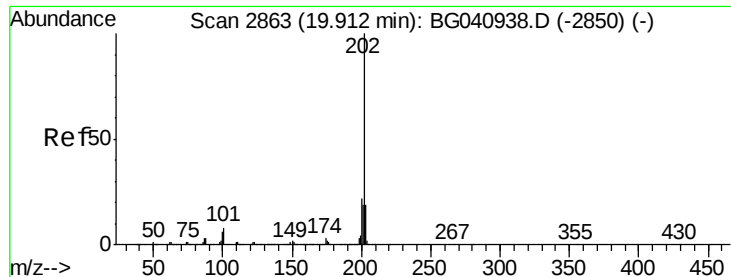


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 53.165 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

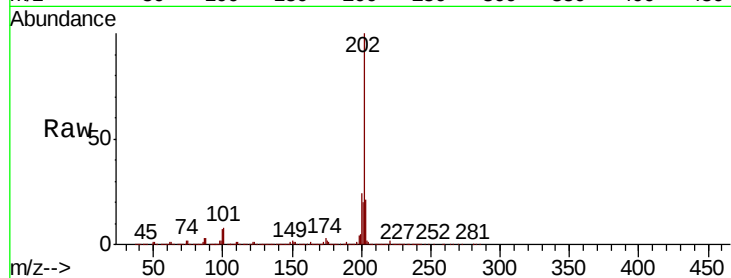
BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

Tot Ion:202 Resp: 1559826

Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.5	26.3
203	21.4	15.6	23.4

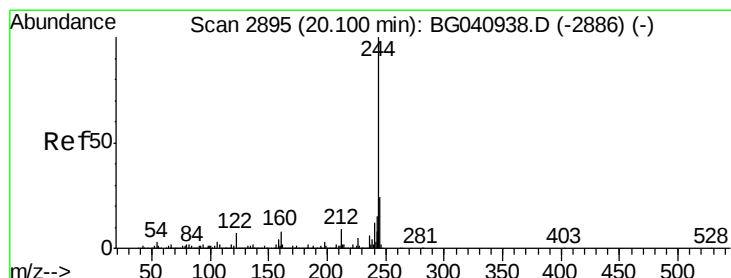
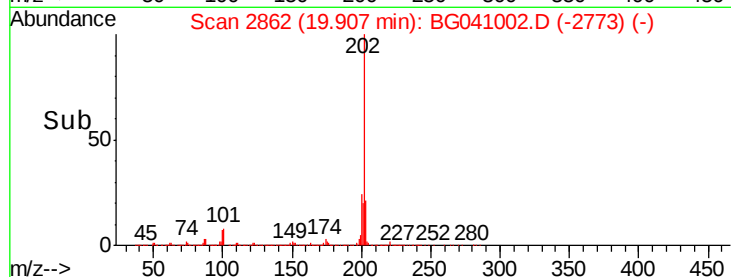
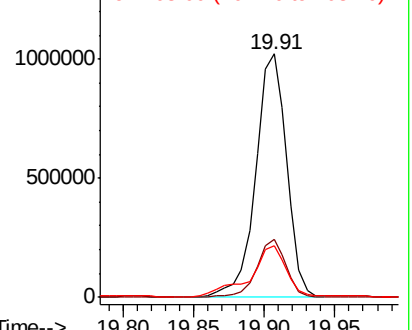


Abundance

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: 56.899 ng

RT: 20.09 min Scan# 2893

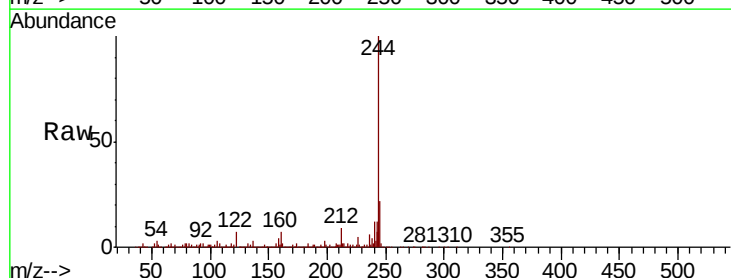
Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Tgt Ion:244 Resp: 1209980

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	6.9	5.4	8.0

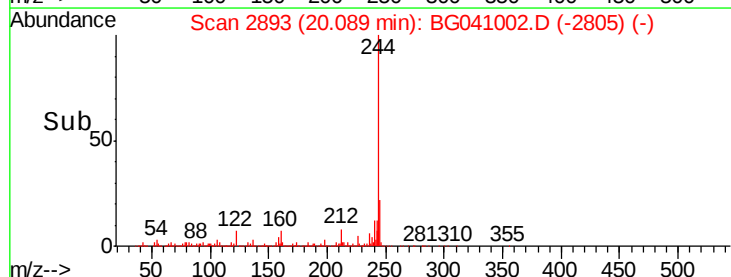
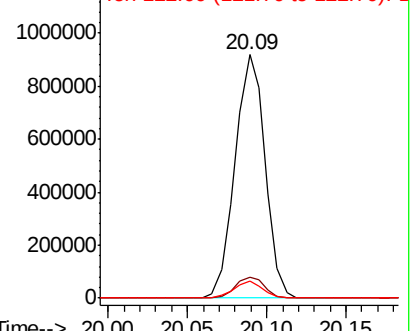


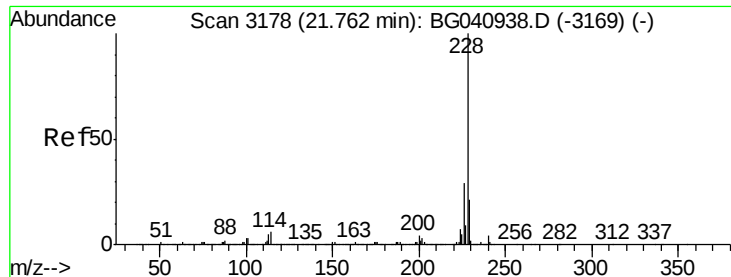
Abundance

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

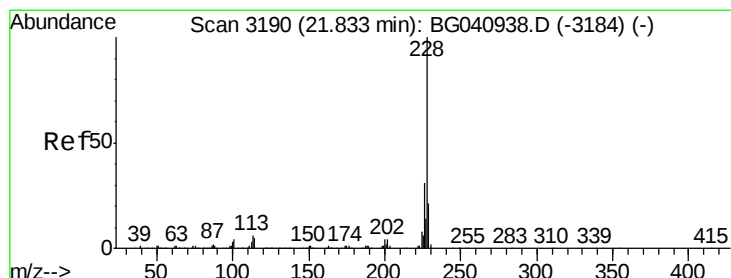
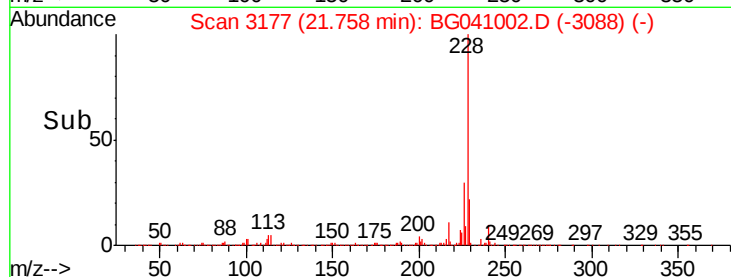
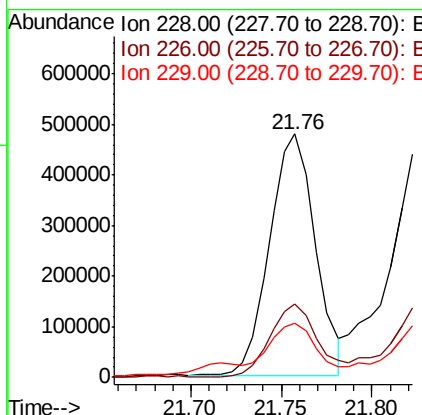
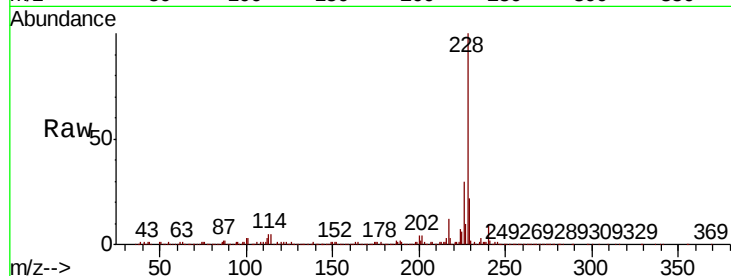




#81
Benzo(a)anthracene
Concen: 27.999 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041002.D
Acq: 1 Jun 2019 7:55

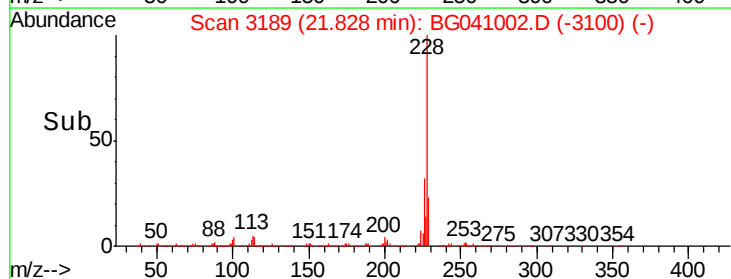
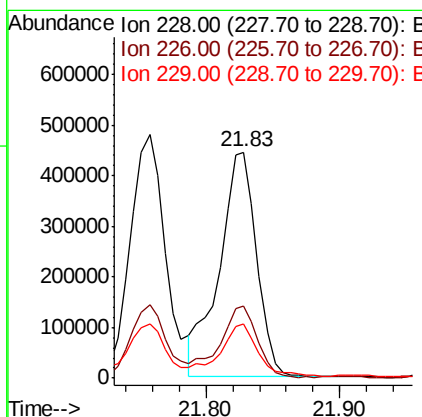
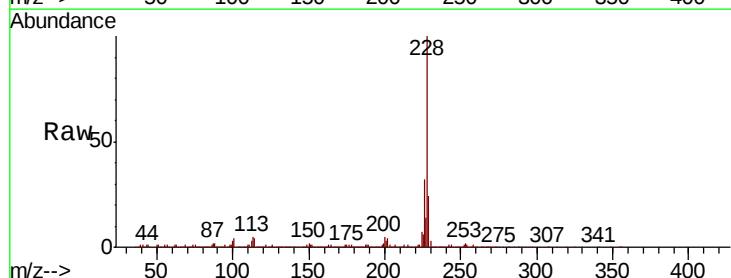
Instrument :
BNA_G
ClientSampleId :
FESB-18(2.5-3.0)

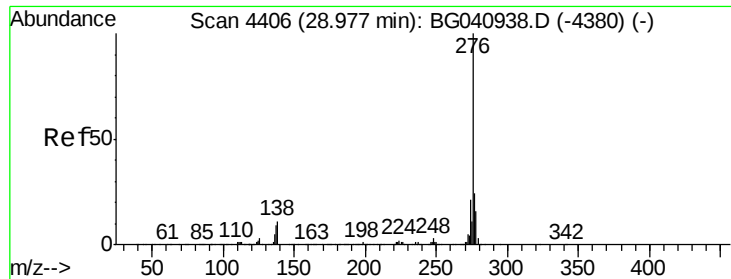
Tot Ion:228 Resp: 841189
Ion Ratio Lower Upper
228 100
226 30.4 23.5 35.3
229 22.3 16.7 25.1



#83
Chrysene
Concen: 30.104 ng
RT: 21.83 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG041002.D
Acq: 1 Jun 2019 7:55

Tgt Ion:228 Resp: 865501
Ion Ratio Lower Upper
228 100
226 32.1 24.6 37.0
229 24.3 16.6 24.8

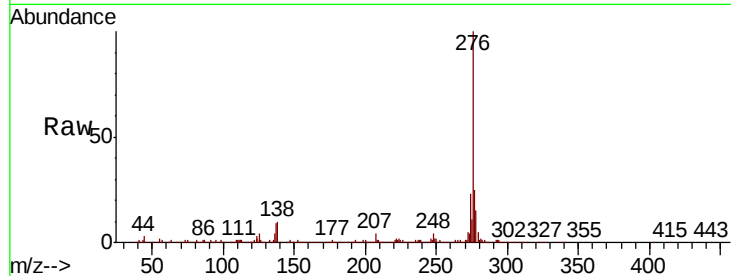




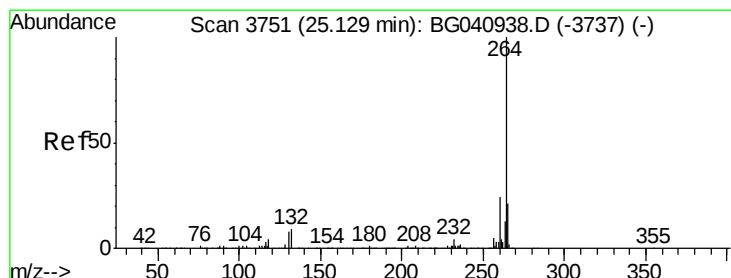
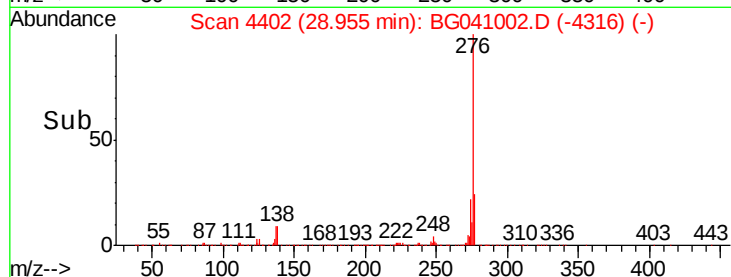
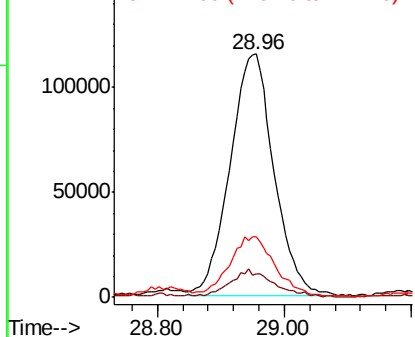
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 15.644 ng
 RT: 28.96 min Scan# 4402
 Delta R.T. -0.02 min
 Lab File: BG041002.D
 Acq: 1 Jun 2019 7:55

Instrument :
 BNA_G
 ClientSampleId :
 FESB-18(2.5-3.0)

Tot Ion:276 Resp: 550961
 Ion Ratio Lower Upper
 276 100
 138 10.5 5.7 8.5#
 277 25.6 20.8 31.2

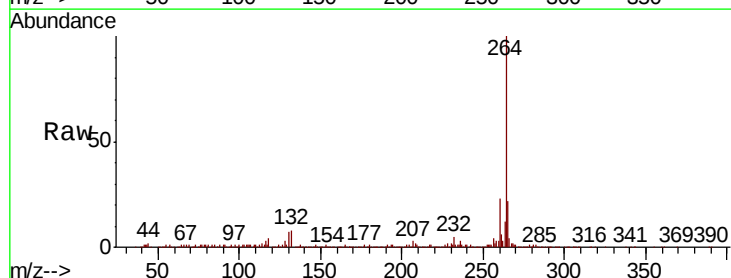


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

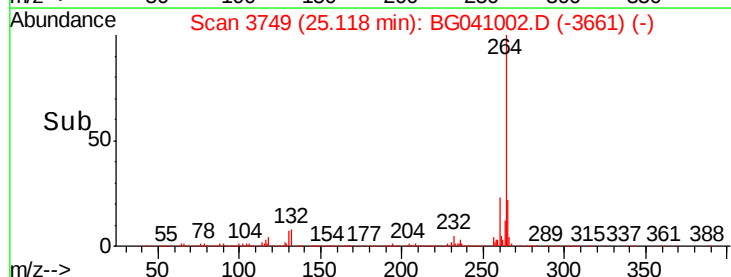
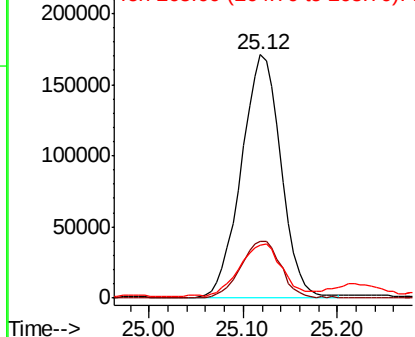


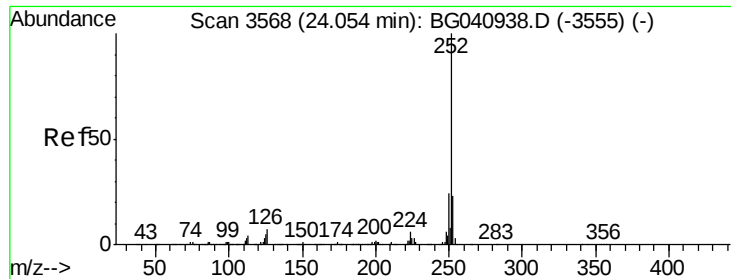
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3749
 Delta R.T. -0.01 min
 Lab File: BG041002.D
 Acq: 1 Jun 2019 7:55

Tgt Ion:264 Resp: 496394
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.7 17.0 25.4



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





#88

Benzo(b)fluoranthene

Concen: 35.580 ng

RT: 24.05 min Scan# 3568

Delta R.T. 0.00 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

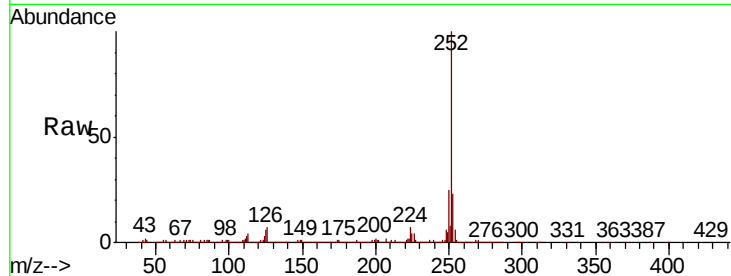
Tot Ion:252 Resp: 1071243

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

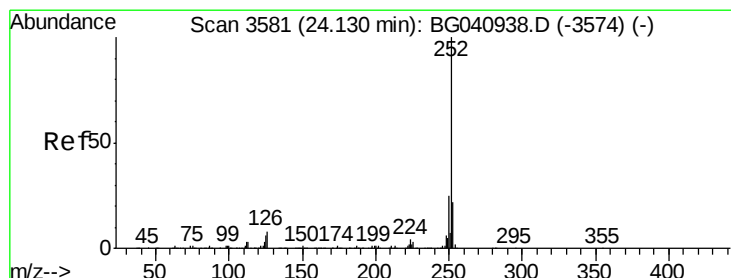
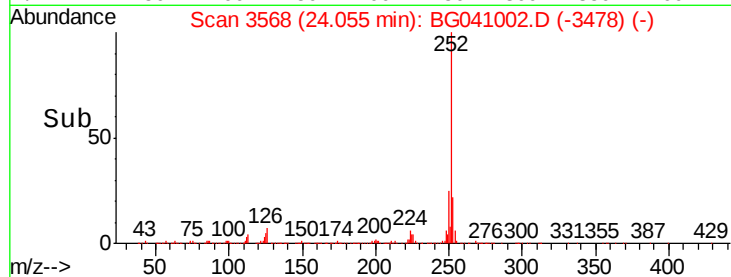
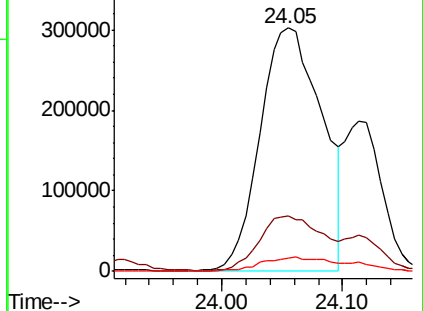
125 5.5 4.3 6.5



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(k)fluoranthene

Concen: 35.955 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.08 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

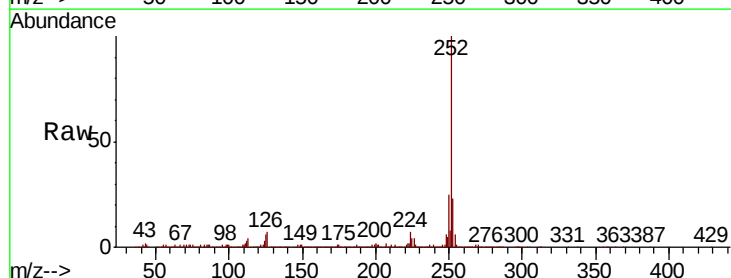
Tgt Ion:252 Resp: 1071243

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

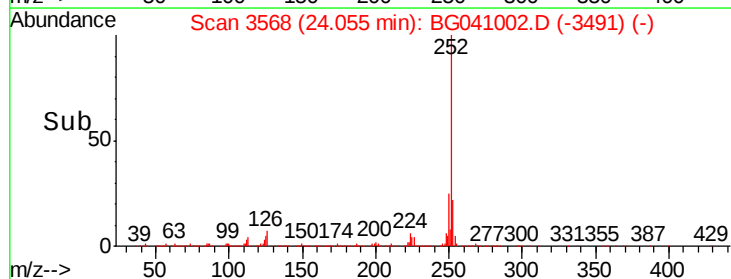
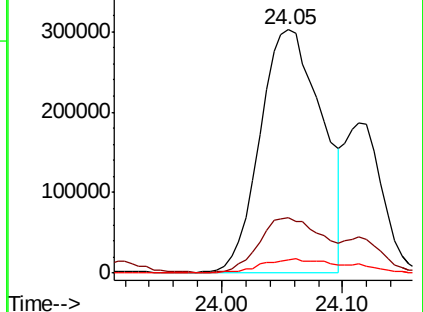
125 5.5 4.7 7.1

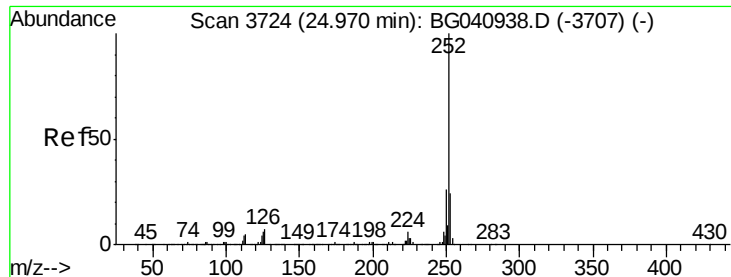


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 28.369 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

Instrument :

BNA_G

ClientSampleId :

FESB-18(2.5-3.0)

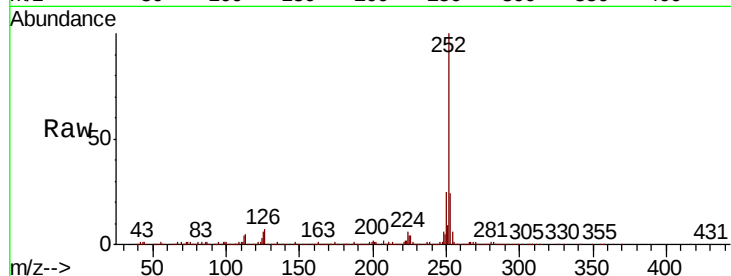
Tot Ion:252 Resp: 814909

Ion Ratio Lower Upper

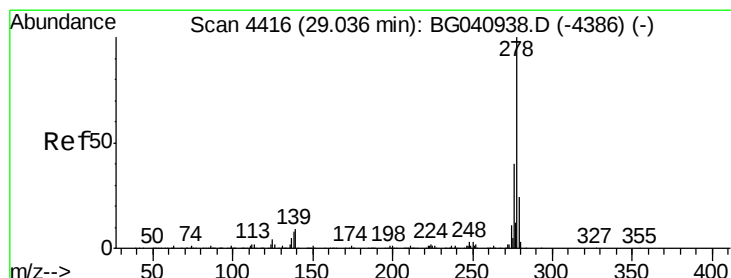
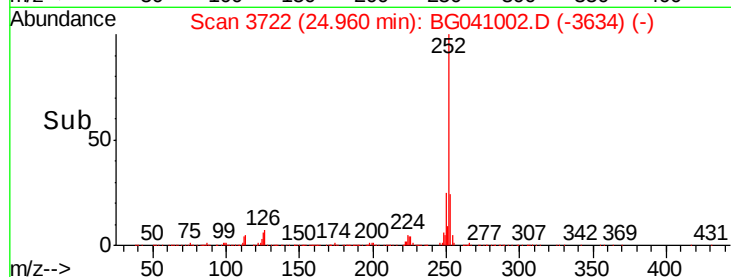
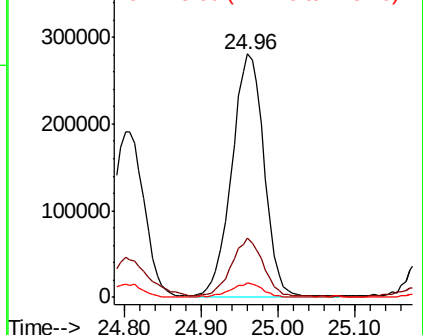
252 100

253 24.4 19.5 29.3

125 5.7 5.1 7.7



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

Dibenzo(a,h)anthracene

Concen: 3.052 ng

RT: 28.98 min Scan# 4407

Delta R.T. -0.05 min

Lab File: BG041002.D

Acq: 1 Jun 2019 7:55

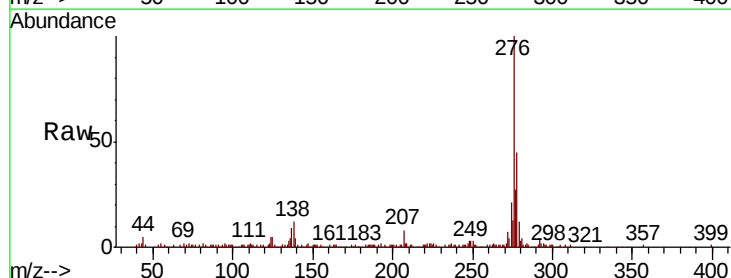
Tgt Ion:278 Resp: 87588

Ion Ratio Lower Upper

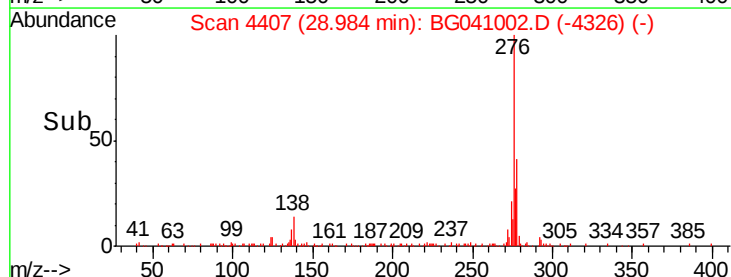
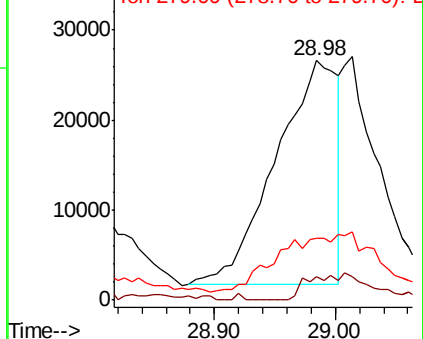
278 100

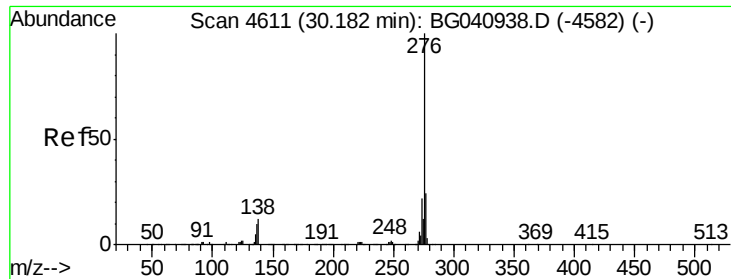
139 9.7 7.1 10.7

279 25.8 19.4 29.2



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(a,h,i)perylene
 Concen: 19.404 ng
 RT: 30.16 min Scan# 4607
 Delta R.T. -0.02 min
 Lab File: BG041002.D
 Acq: 1 Jun 2019 7:55

Instrument :
 BNA_G
 ClientSampleId :
 FESB-18(2.5-3.0)

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	10.5	9.7	14.5

