

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041091.D
 Acq On : 6 Jun 2019 14:58
 Operator : HP/JU
 Sample : K3136-02 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-24(6.5-7)

Quant Time: Jun 06 23:16:39 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	50106	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	183159	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	123310	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	297721	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	343358	20.00	ng	0.00
87) Perylene-d12	25.12	264	377914	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	138938	50.00	ng	-0.01
7) Phenol-d6	7.25	99	199427	46.47	ng	-0.01
23) Nitrobenzene-d5	9.29	82	141083	34.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	92059	50.29	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	300583	35.10	ng	-0.02
79) Terphenyl-d14	20.08	244	532315	32.90	ng	-0.02

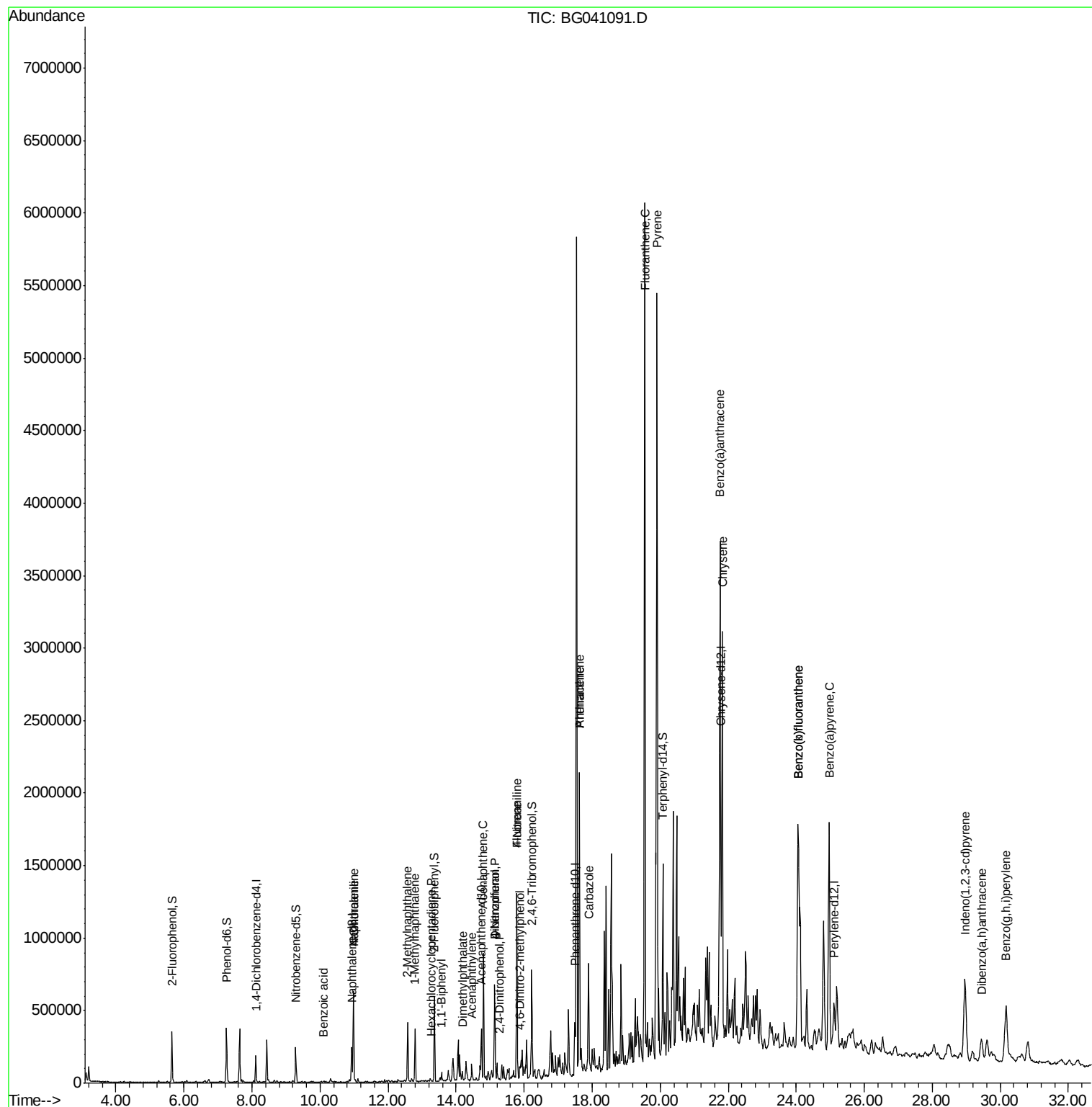
Target Compounds				Qvalue		
31) Naphthalene	10.98	128	491036	49.933	ng	99
32) Benzoic acid	10.12	122	280	8.235	ng	83
33) 4-Chloroaniline	10.98	127	69197	15.165	ng	# 37
37) 2-Methylnaphthalene	12.58	142	184083	24.305	ng	100
38) 1-Methylnaphthalene	12.79	142	157080	22.009	ng	98
41) Hexachlorocyclopentadiene	13.28	237	53	8.253	ng	# 26
46) 1,1'-Biphenyl	13.58	154	30999	3.396	ng	93
49) Acenaphthylene	14.47	152	42548	3.608	ng	# 92
50) Dimethylphthalate	14.18	163	24885	2.384	ng	98
52) Acenaphthene	14.80	154	309431	43.311	ng	98
54) 2,4-Dinitrophenol	15.26	184	65	8.320	ng	# 2
55) Dibenzofuran	15.14	168	401829	33.425	ng	99
56) 4-Nitrophenol	15.14	139	164009	106.248	ng	# 1
58) Fluorene	15.78	166	566569	59.179	ng	99
62) 4-Nitroaniline	15.78	138	8434	3.540	ng	# 7
65) 4,6-Dinitro-2-methylphenol	15.86	198	75	8.628	ng	# 1
71) Phenanthrene	17.62	178	1281566	82.640	ng	95
72) Anthracene	17.62	178	1281566	83.790	ng	96
73) Carbazole	17.89	167	477364	36.374	ng	99
75) Fluoranthene	19.55	202	3727050	194.576	ng	74
78) Pyrene	19.91	202	3466880	155.322	ng	# 76
81) Benzo(a)anthracene	21.75	228	2249745	98.431	ng	# 91
83) Chrysene	21.82	228	1944410	88.898	ng	# 89
86) Indeno(1,2,3-cd)pyrene	28.96	276	1043885	38.961	ng	# 97
88) Benzo(b)fluoranthene	24.05	252	2150058	93.800	ng	97
89) Benzo(k)fluoranthene	24.05	252	2150058	94.789	ng	96
90) Benzo(a)pyrene	24.97	252	1783551	81.556	ng	98
91) Dibenzo(a,h)anthracene	29.45	278	274330	12.554	ng	97
92) Benzo(g,h,i)perylene	30.17	276	958247	45.137	ng	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041091.D
Acq On : 6 Jun 2019 14:58
Operator : HP/JU
Sample : K3136-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-24(6.5-7)

Quant Time: Jun 06 23:16:39 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

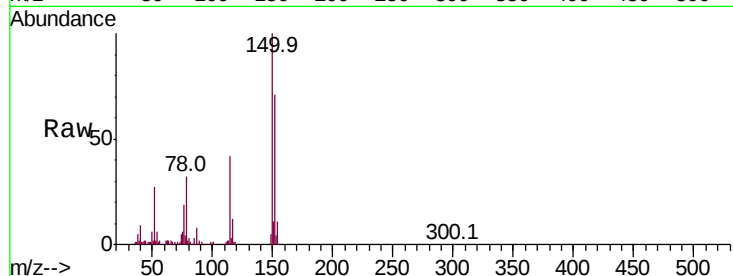
Tot Ion:152 Resp: 50106

Ion Ratio Lower Upper

152 100

150 141.3 120.6 180.8

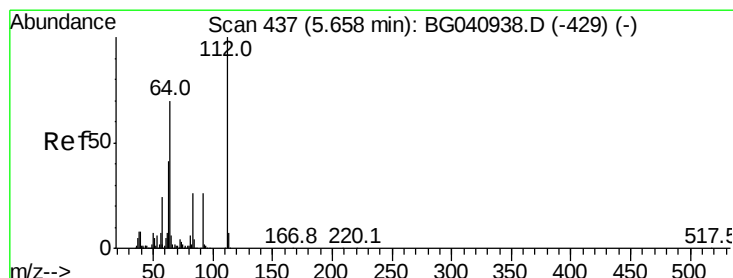
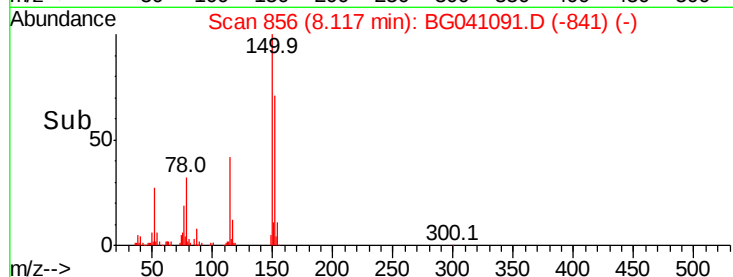
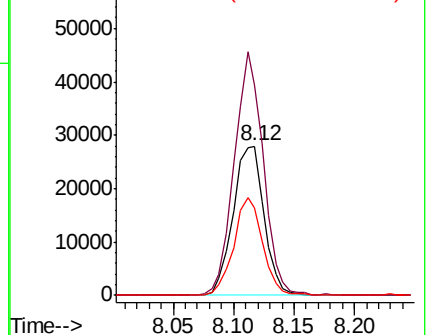
115 58.8 45.1 67.7



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: 50.001 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

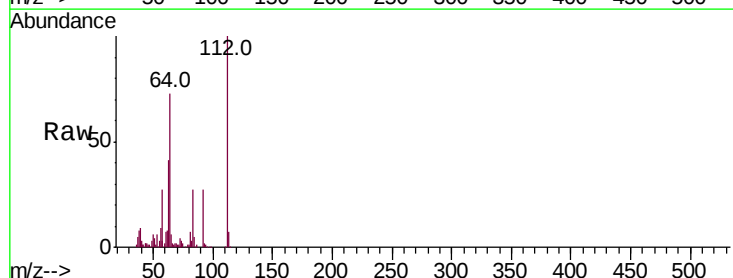
Tgt Ion:112 Resp: 138938

Ion Ratio Lower Upper

112 100

64 72.8 56.2 84.2

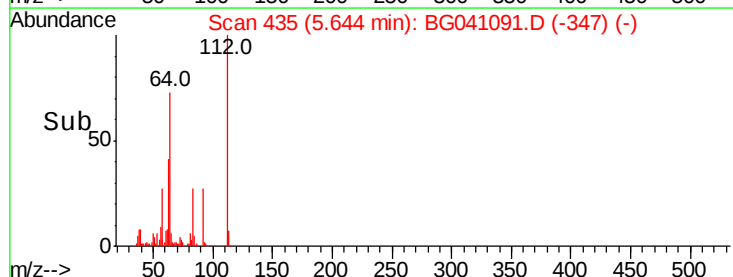
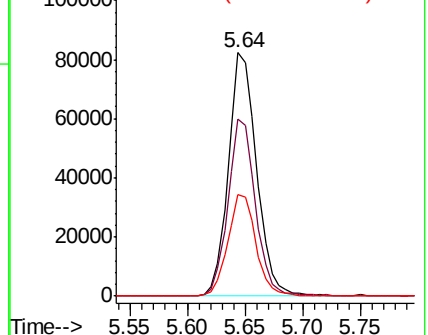
63 41.5 32.8 49.2

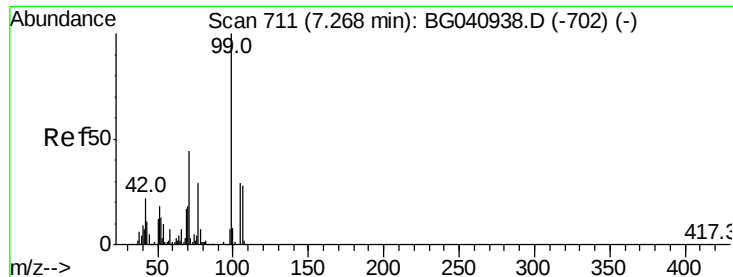


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 46.471 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

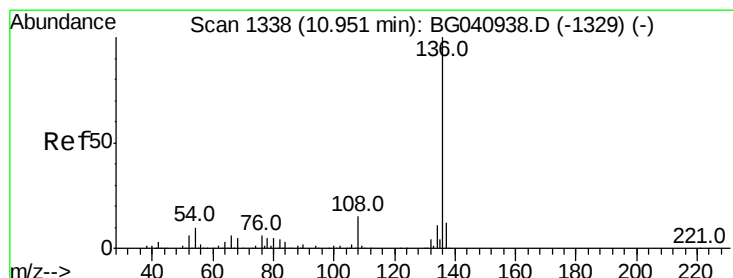
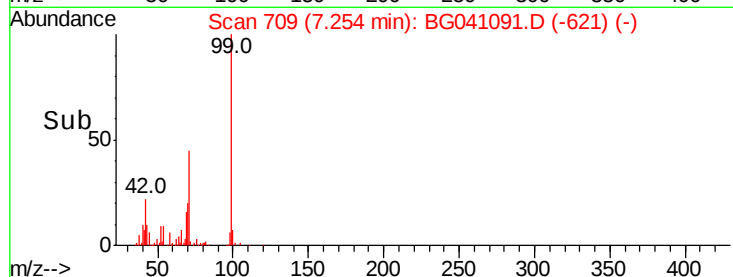
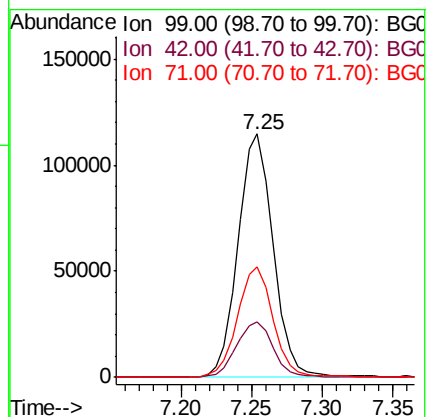
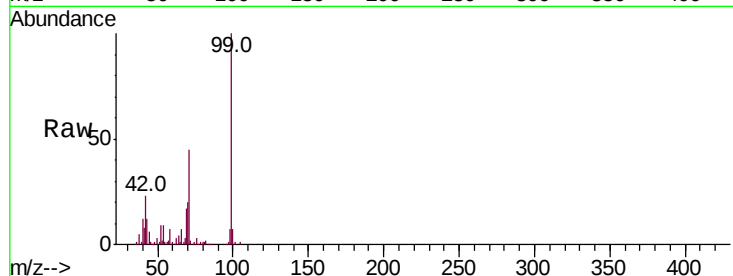
Tot Ion: 99 Resp: 199427

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

71 45.3 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Tgt Ion: 136 Resp: 183159

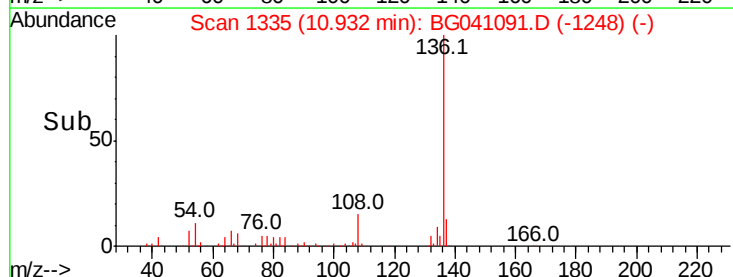
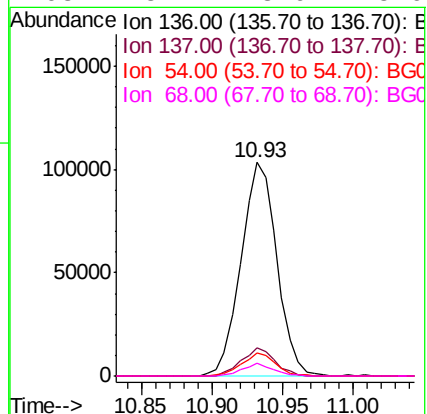
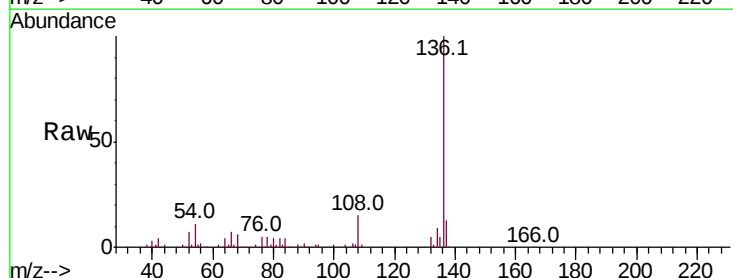
Ion Ratio Lower Upper

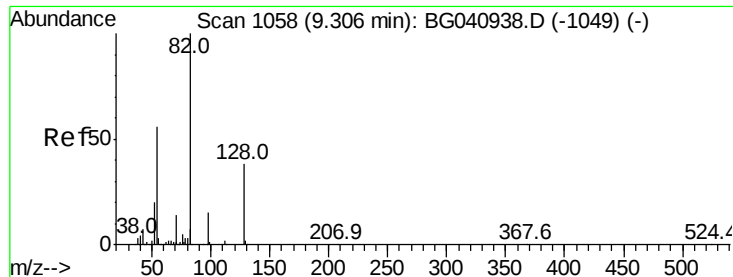
136 100

137 13.3 9.5 14.3

54 10.8 7.6 11.4

68 5.7 3.9 5.9

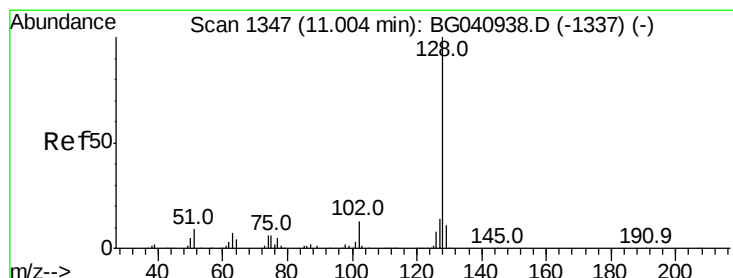
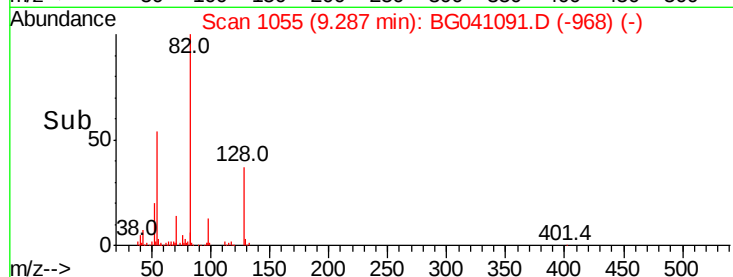
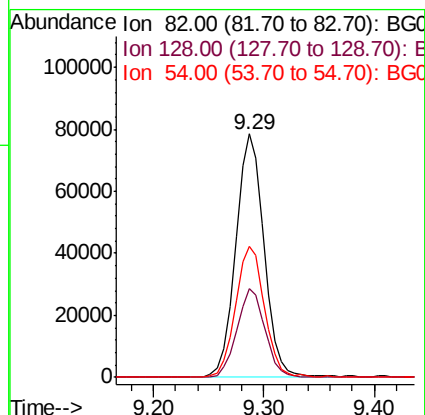
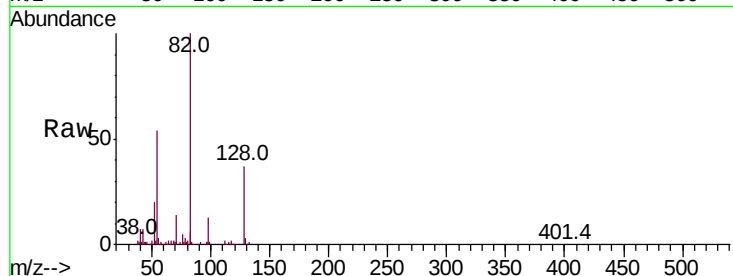




#23
Nitrobenzene-d5
Concen: 34.195 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

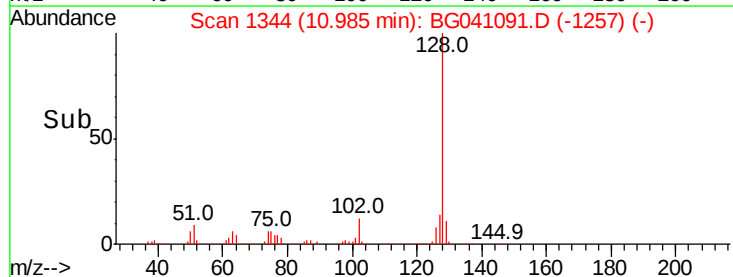
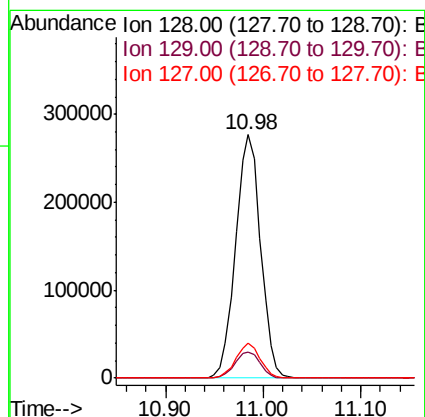
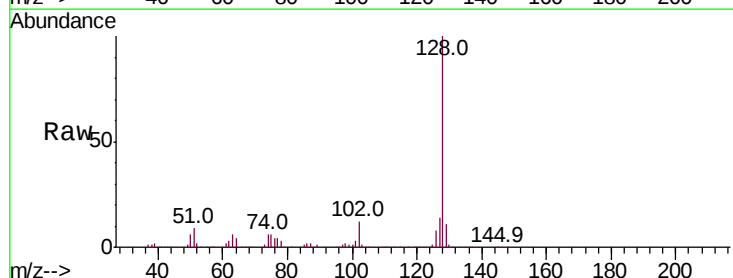
Instrument :
BNA_G
ClientSampleId :
FESB-24(6.5-7)

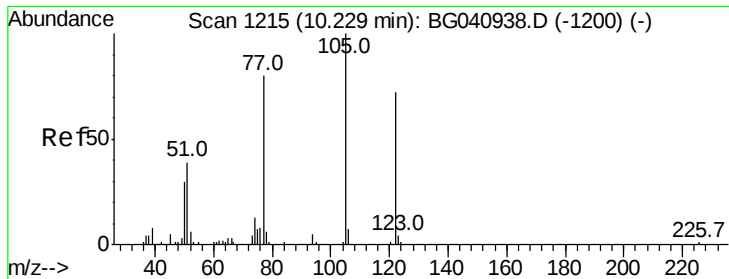
Tot Ion	82	Resp	141083
Ion Ratio	100	Lower	Upper
128	36.5	30.5	45.7
54	53.8	44.6	66.8



#31
Naphthalene
Concen: 49.933 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

Tgt Ion	128	Resp	491036
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	10.9	8.5	12.7
127	14.5	11.4	17.2

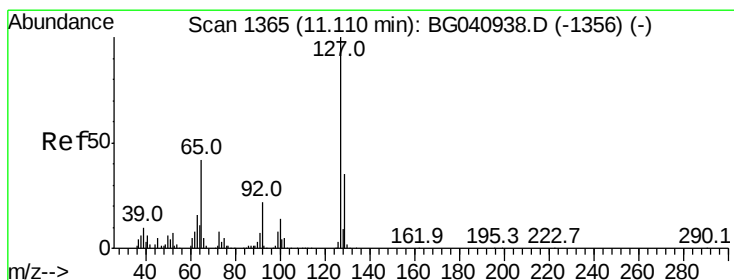
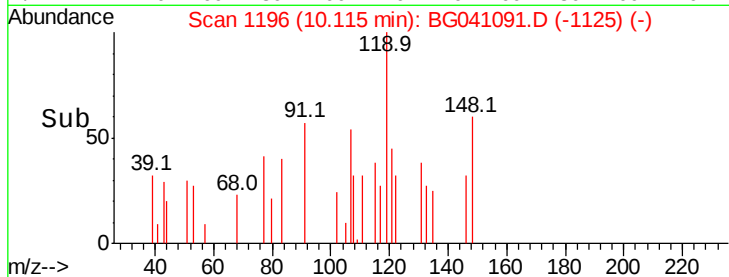
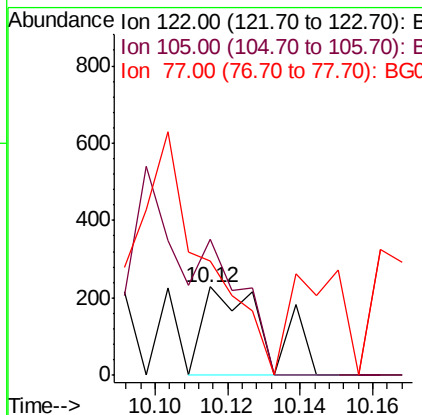
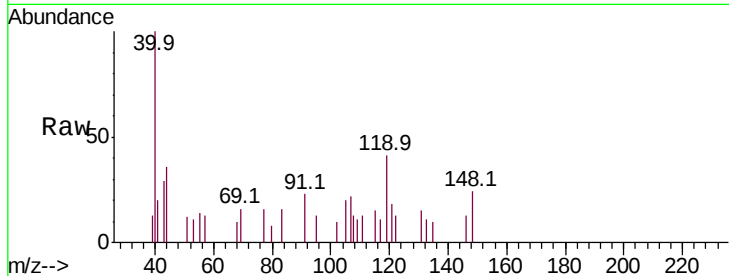




#32
Benzoic acid
Concen: 8.235 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.11 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

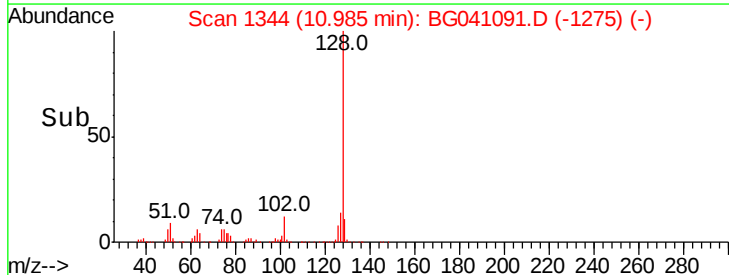
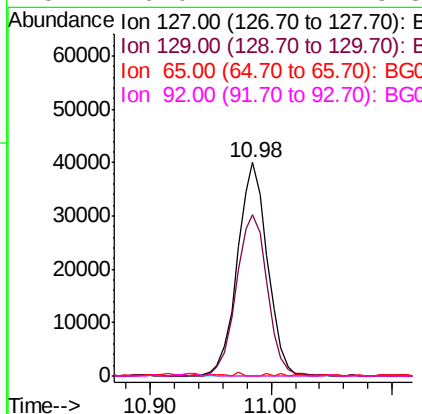
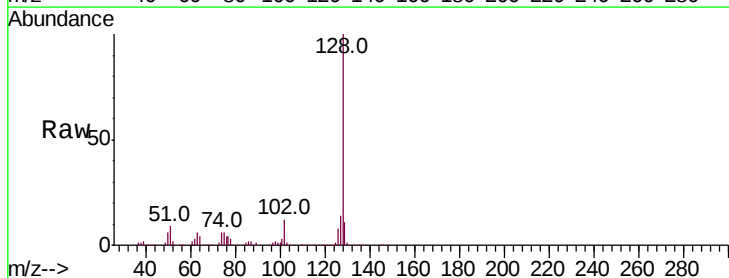
Instrument :
BNA_G
ClientSampleId :
FESB-24(6.5-7)

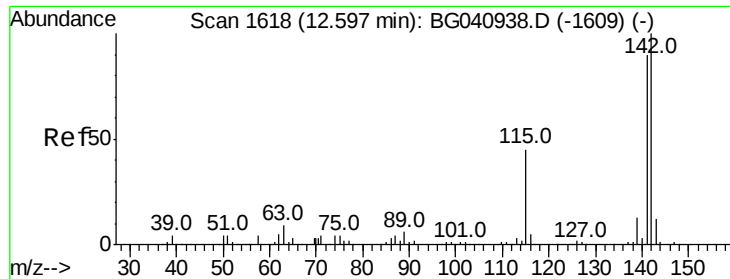
Tot Ion:122 Resp: 280
Ion Ratio Lower Upper
122 100
105 154.1 114.8 154.8
77 128.4 89.9 129.9



#33
4-Chloroaniline
Concen: 15.165 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.13 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

Tgt Ion:127 Resp: 69197
Ion Ratio Lower Upper
127 100
129 75.4 27.7 41.5#
65 0.0 33.2 49.8#
92 0.0 17.2 25.8#

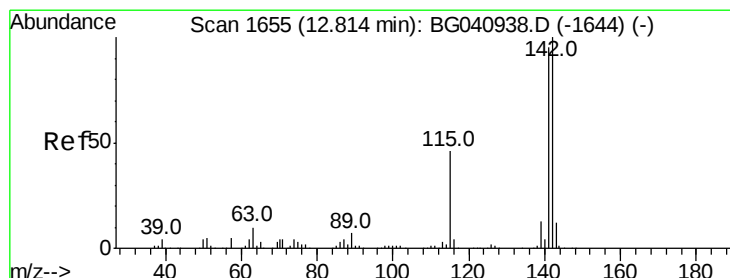
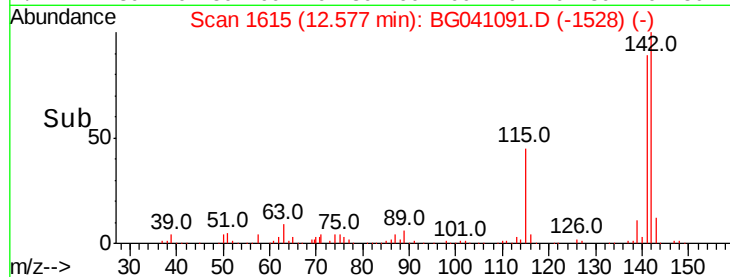
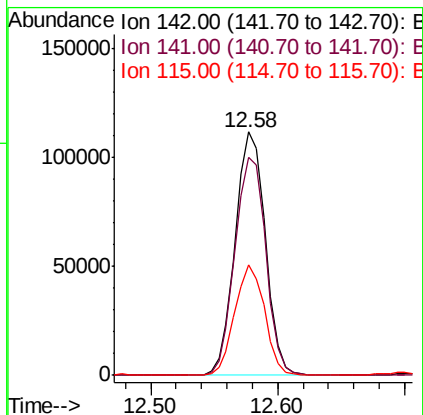
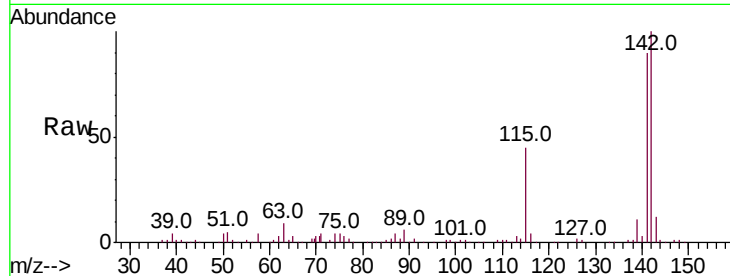




#37
 2-Methylnaphthalene
 Concen: 24.305 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BG041091.D
 Acq: 6 Jun 2019 14:58

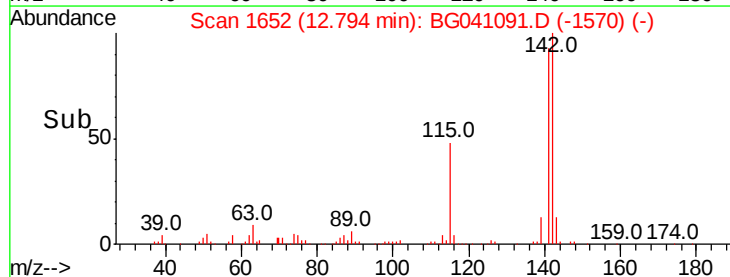
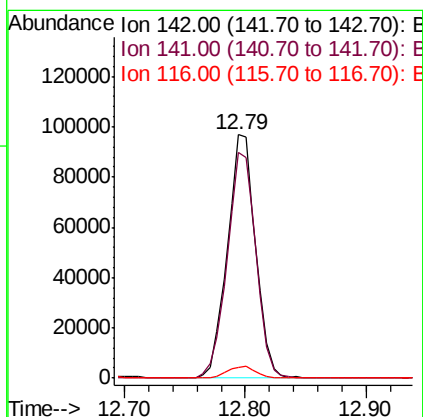
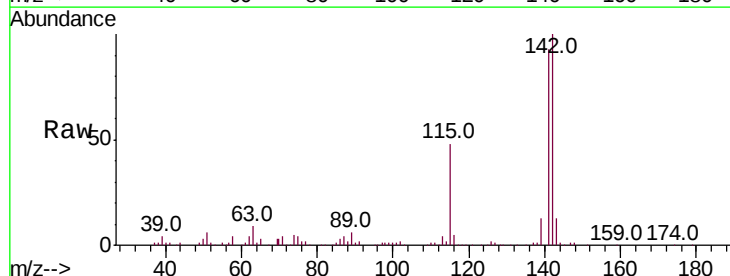
Instrument :
 BNA_G
 ClientSampleId :
 FESB-24(6.5-7)

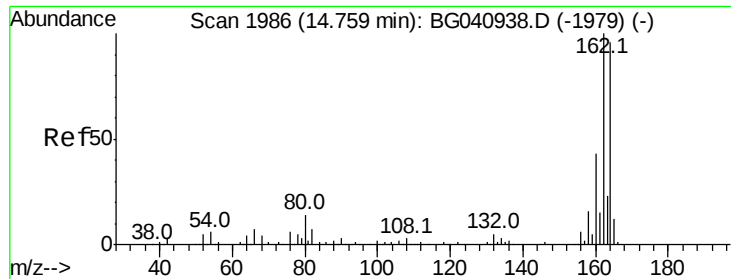
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.4
115	45.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 22.009 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BG041091.D
 Acq: 6 Jun 2019 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

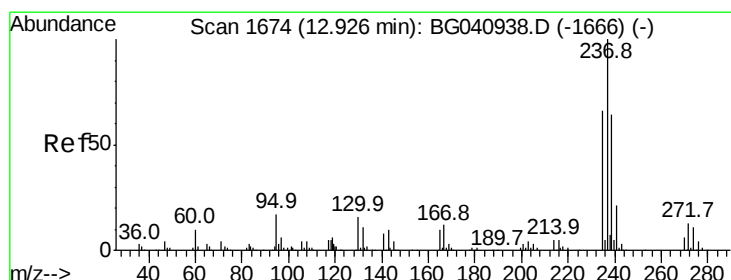
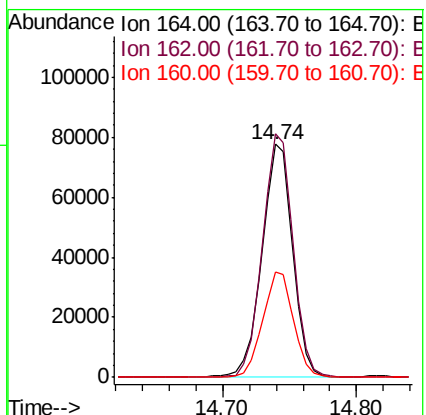
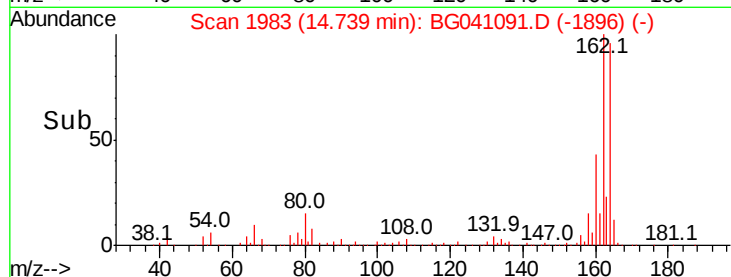
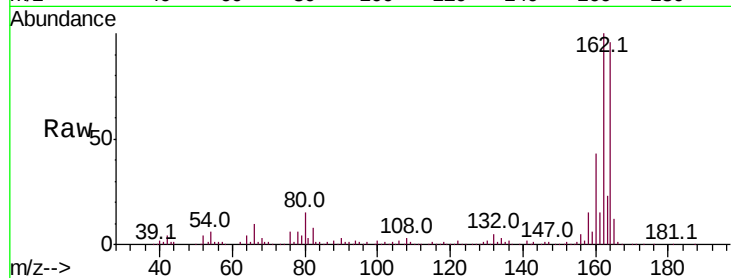
Tot Ion:164 Resp: 123310

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.4

160 45.0 35.6 53.4



#41

Hexachlorocyclopentadiene

Concen: 8.253 ng

RT: 13.28 min Scan# 1734

Delta R.T. 0.35 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

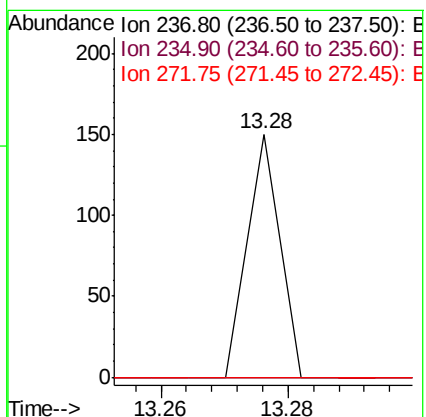
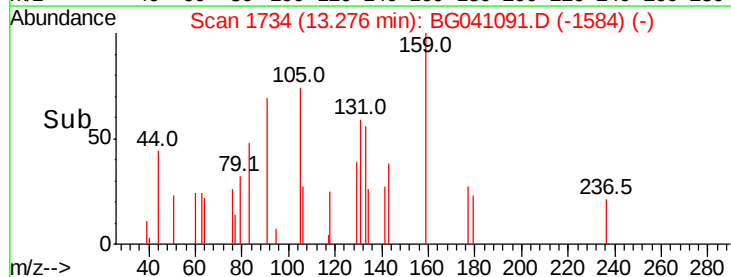
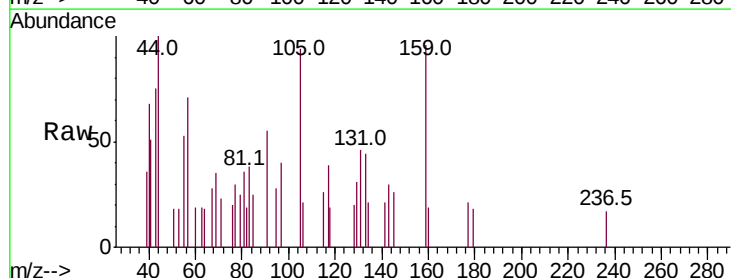
Tgt Ion:237 Resp: 53

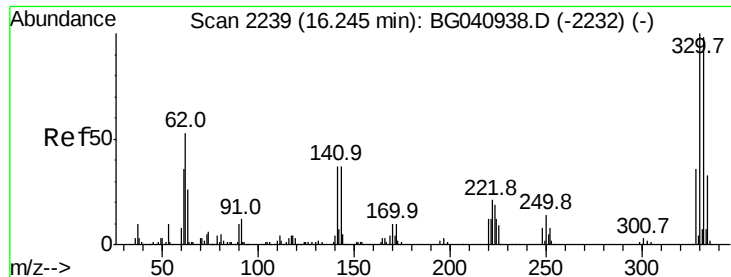
Ion Ratio Lower Upper

237 100

235 0.0 45.5 85.5#

272 0.0 0.0 32.9

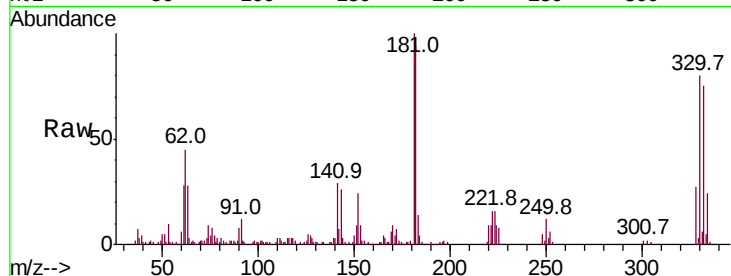




#42
 2,4,6-Tribromophenol
 Concen: 50.288 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BG041091.D
 Acq: 6 Jun 2019 14:58

Instrument :
 BNA_G
 ClientSampleId :
 FESB-24(6.5-7)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.5	117.7
141	36.6	28.7	43.1

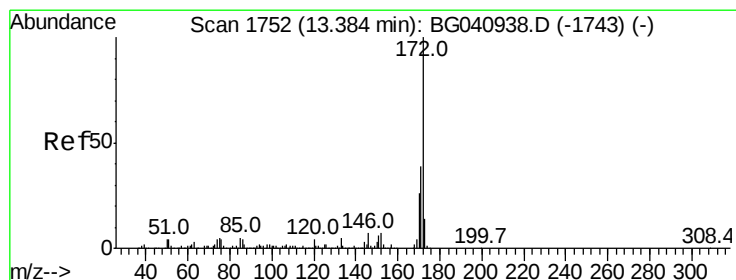
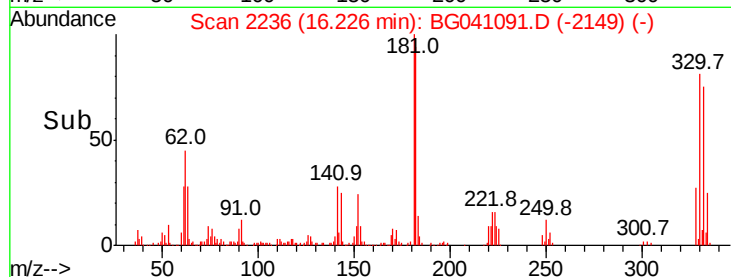
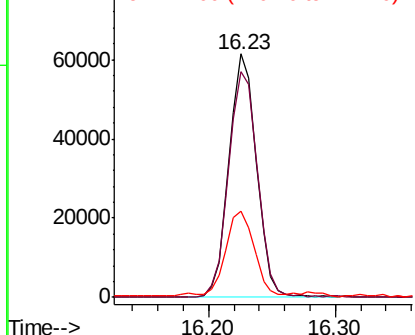


Abundance

Ion 329.80 (329.50 to 330.50): E

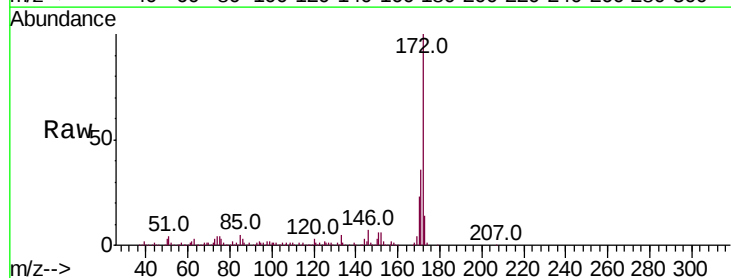
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 35.104 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041091.D
 Acq: 6 Jun 2019 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.1	46.7
170	23.3	20.5	30.7

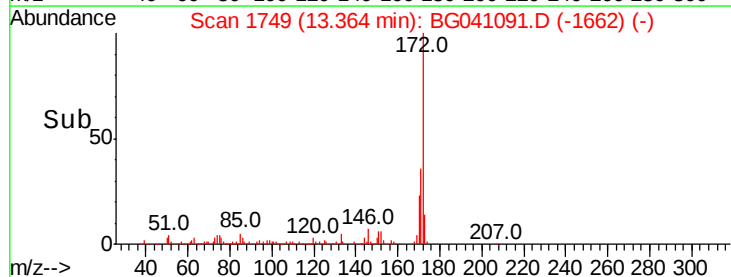
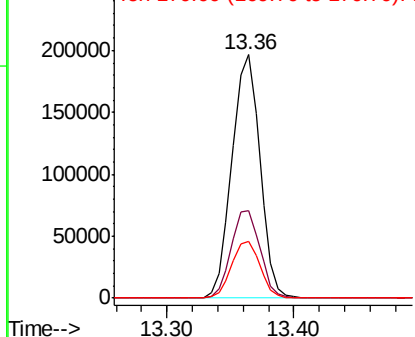


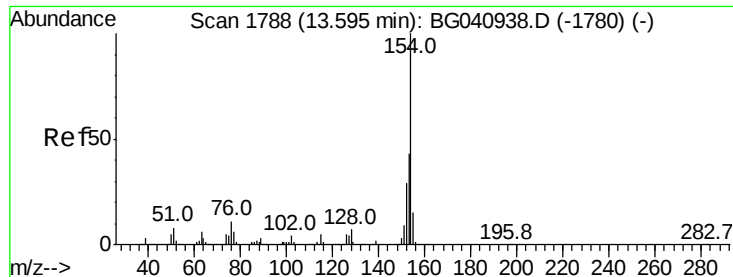
Abundance

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





#46

1,1'-Biphenyl

Concen: 3.396 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

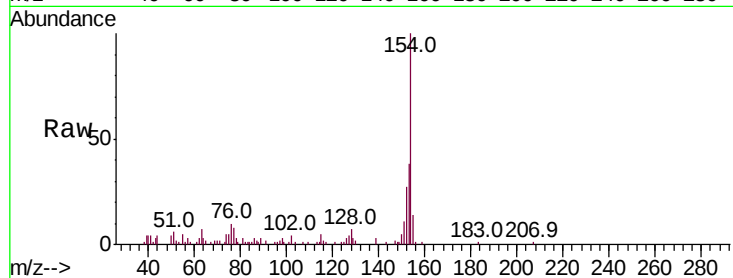
BNA_G

ClientSampleId :

FESB-24(6.5-7)

Tot Ion:154 Resp: 30999

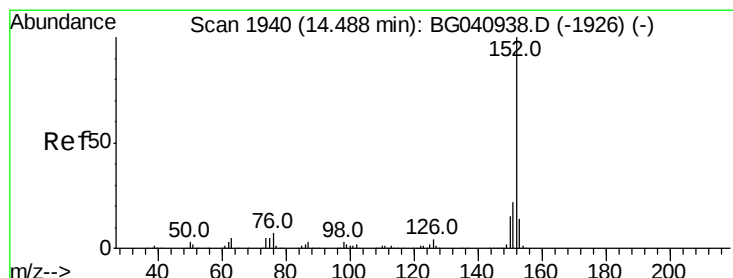
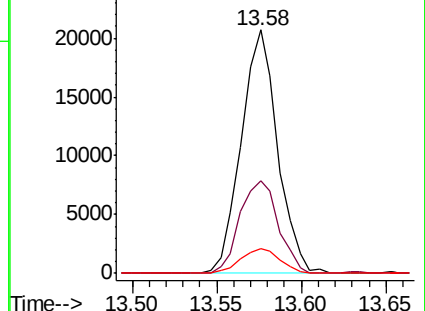
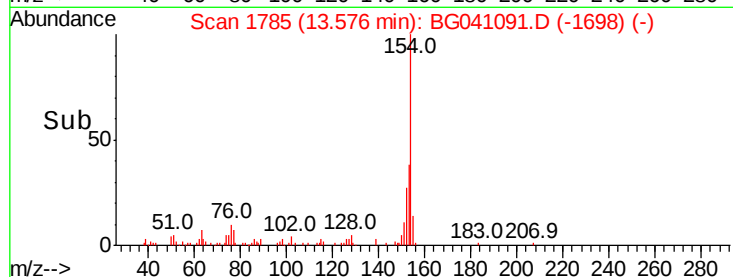
Ion	Ratio	Lower	Upper
154	100		
153	38.2	23.3	63.3
76	10.2	0.0	31.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#49

Acenaphthylene

Concen: 3.608 ng

RT: 14.47 min Scan# 1937

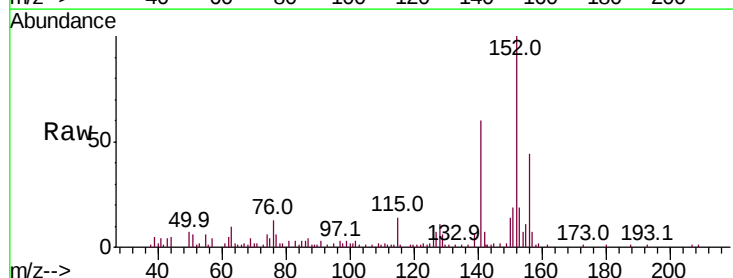
Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Tgt Ion:152 Resp: 42548

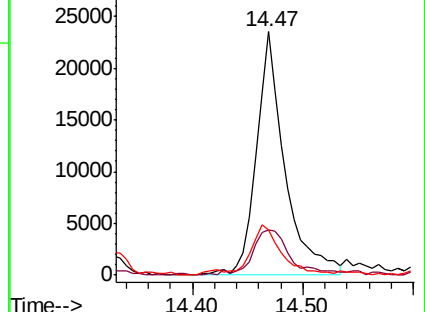
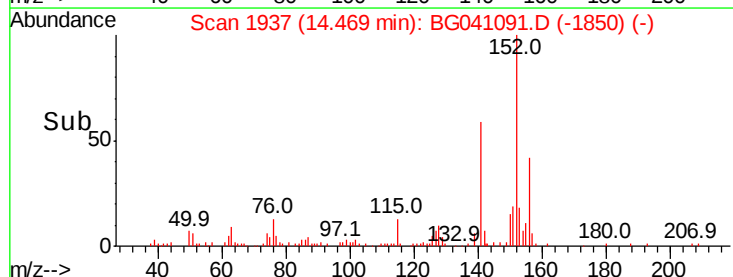
Ion	Ratio	Lower	Upper
152	100		
151	18.8	17.4	26.0
153	18.5	11.0	16.4#

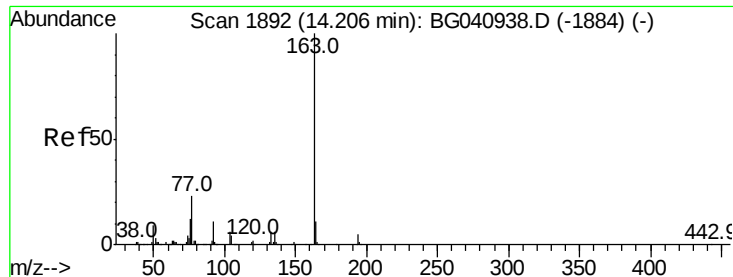


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 2.384 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.03 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

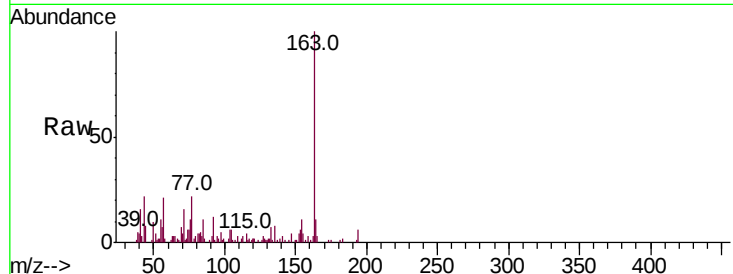
Tot Ion:163 Resp: 24885

Ion Ratio Lower Upper

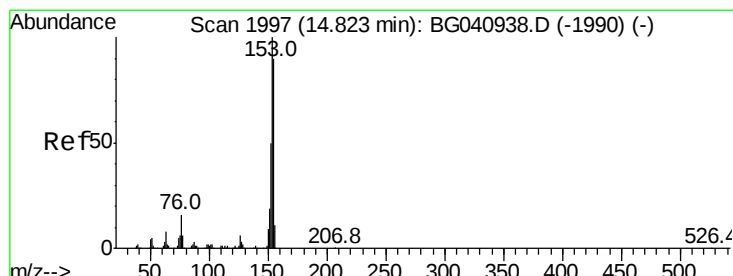
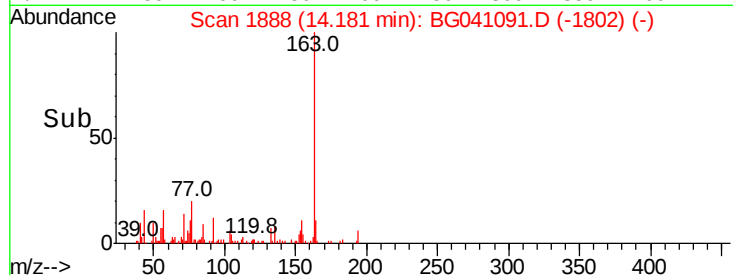
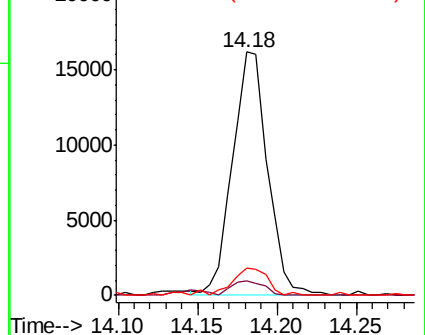
163 100

194 5.7 3.8 5.8

164 11.4 8.7 13.1



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: 43.311 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

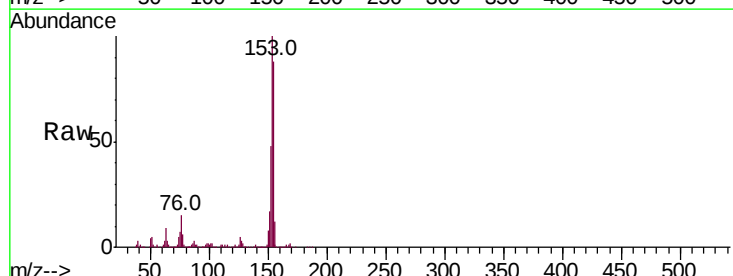
Tgt Ion:154 Resp: 309431

Ion Ratio Lower Upper

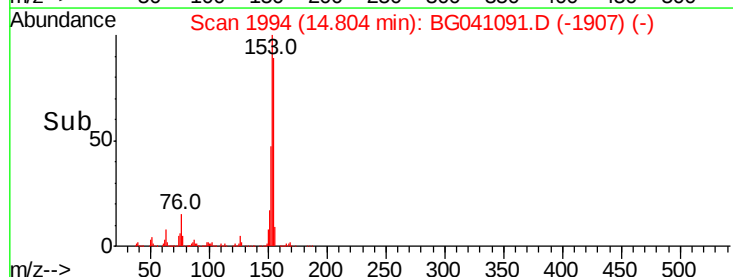
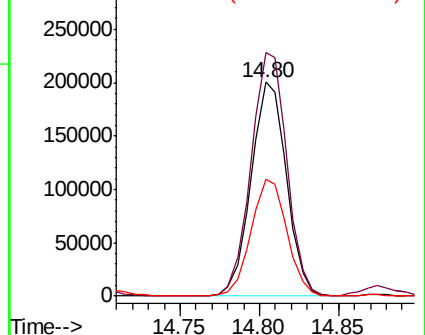
154 100

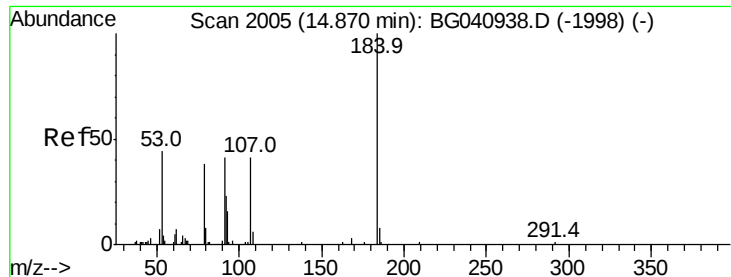
153 113.9 88.6 133.0

152 54.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

2,4-Dinitrophenol

Concen: 8.320 ng

RT: 15.26 min Scan# 2072

Delta R.T. 0.39 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

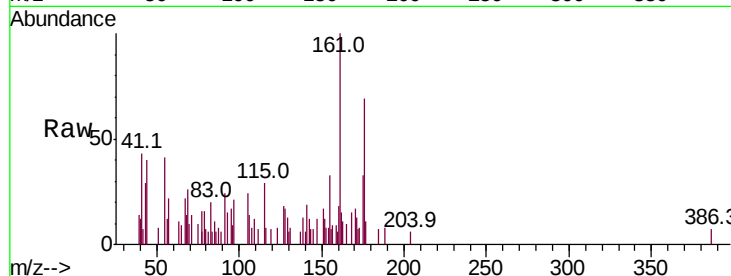
Tot Ion:184 Resp: 65

Ion Ratio Lower Upper

184 100

63 159.8 49.8 74.6#

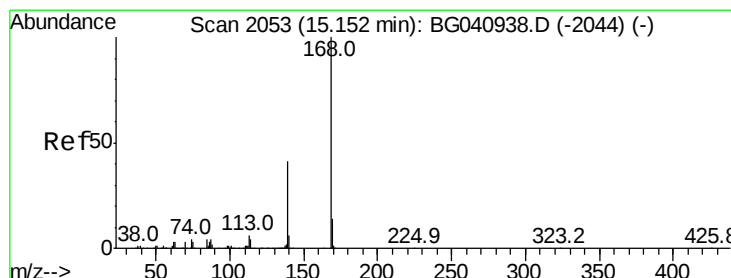
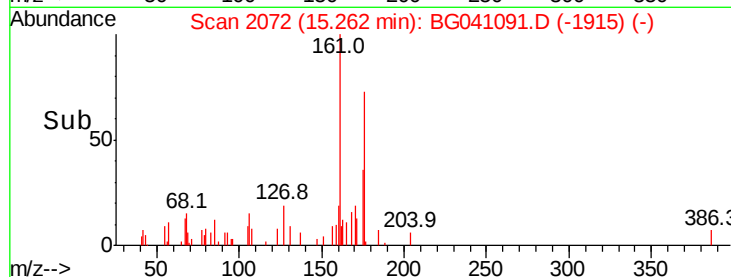
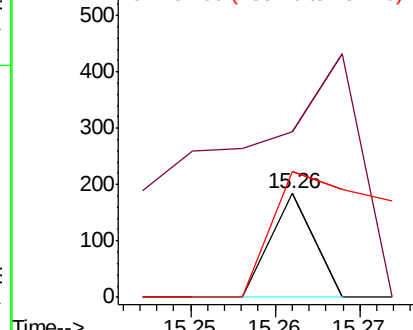
154 121.2 52.2 78.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 33.425 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

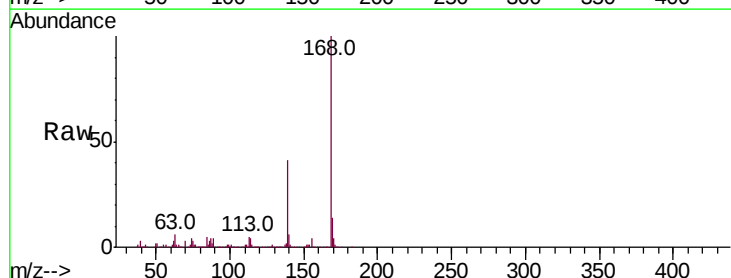
Tgt Ion:168 Resp: 401829

Ion Ratio Lower Upper

168 100

139 41.3 32.8 49.2

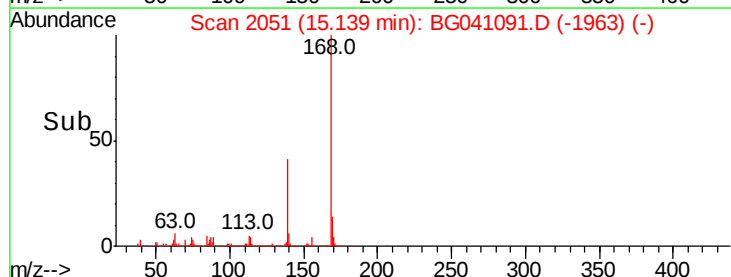
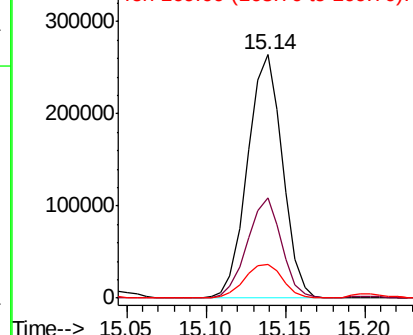
169 13.9 11.3 16.9

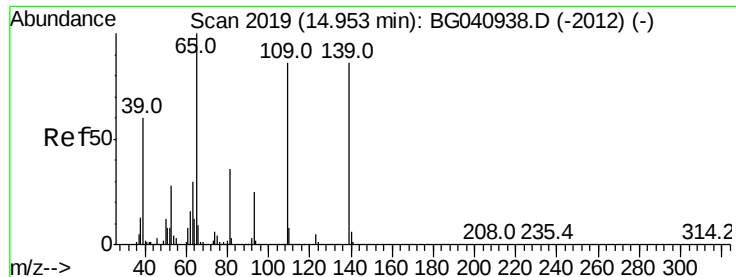


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

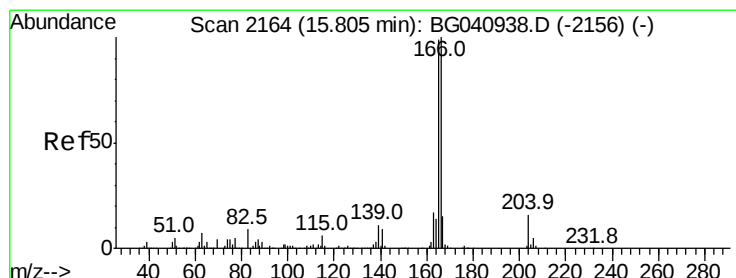
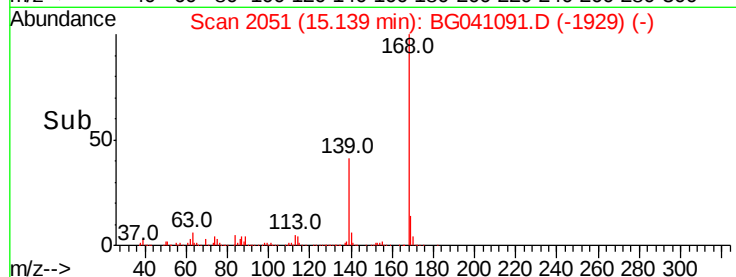
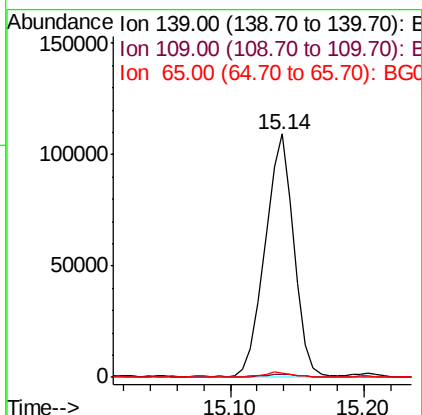
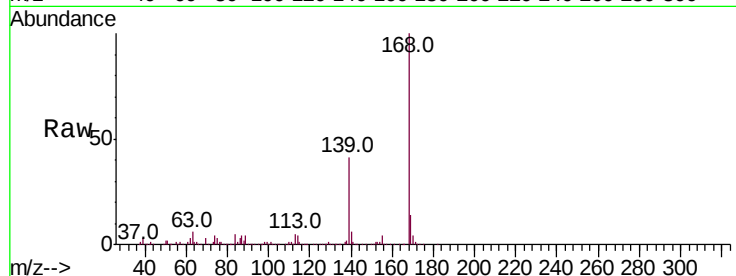




#56
4-Nitrophenol
Concen: 106.248 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.19 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

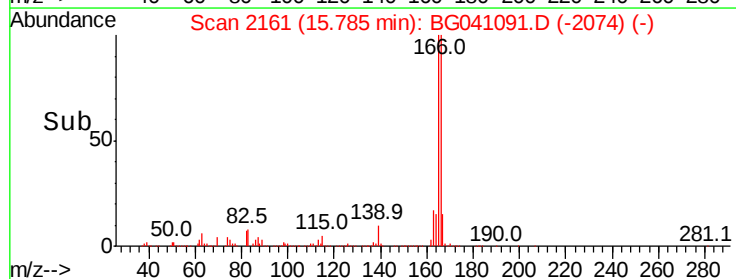
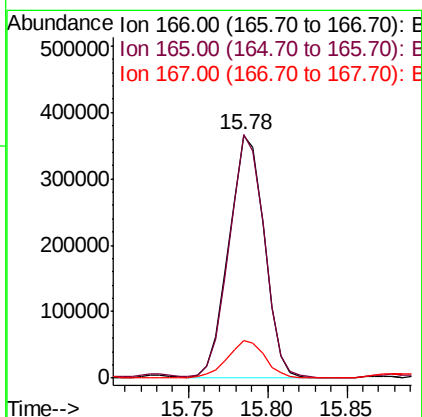
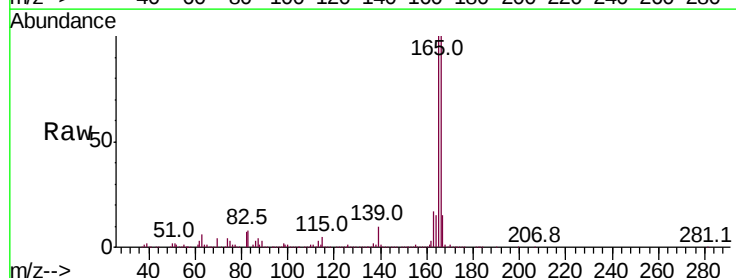
Instrument :
BNA_G
ClientSampleId :
FESB-24(6.5-7)

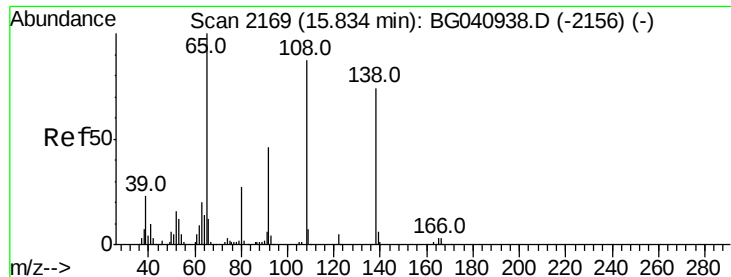
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.1	79.6	119.6#
65	1.9	96.9	136.9#



#58
Fluorene
Concen: 59.179 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.2	118.8
167	15.3	11.8	17.6





#62

4-Nitroaniline

Concen: 3.540 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.05 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

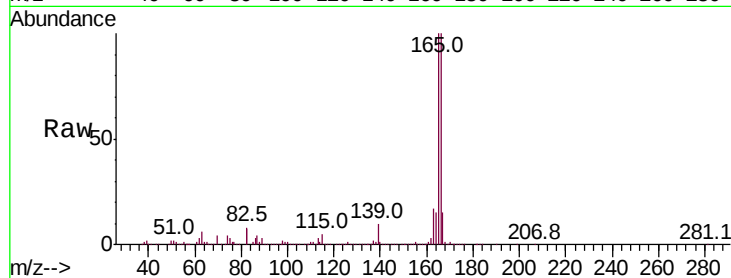
Tot Ion:138 Resp: 8434

Ion Ratio Lower Upper

138 100

92 0.0 42.4 82.4#

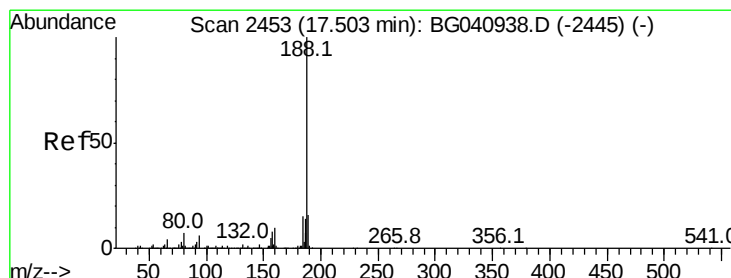
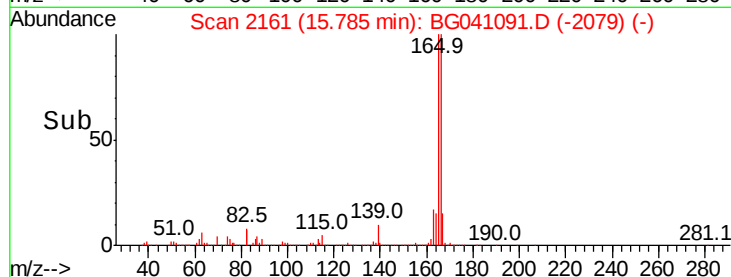
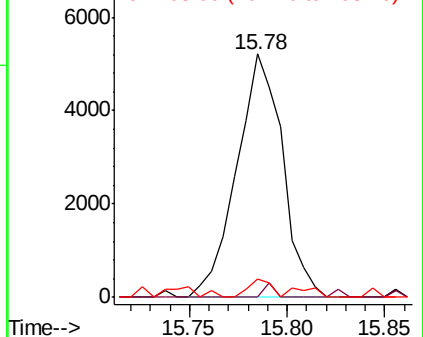
108 7.4 96.9 136.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

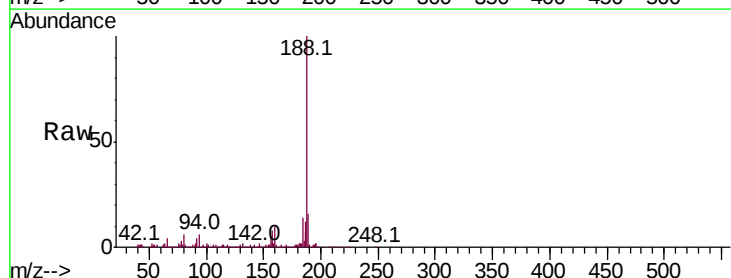
Tgt Ion:188 Resp: 297721

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

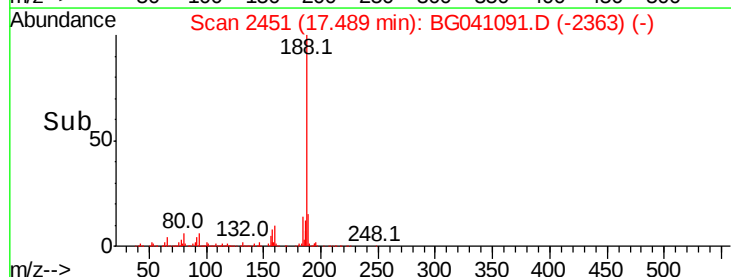
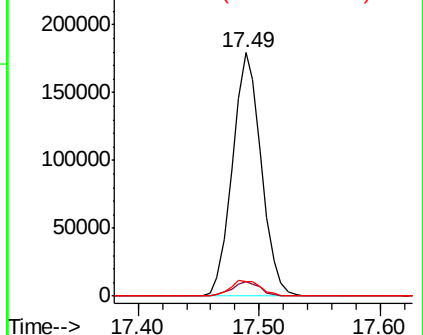
80 6.2 5.8 8.8

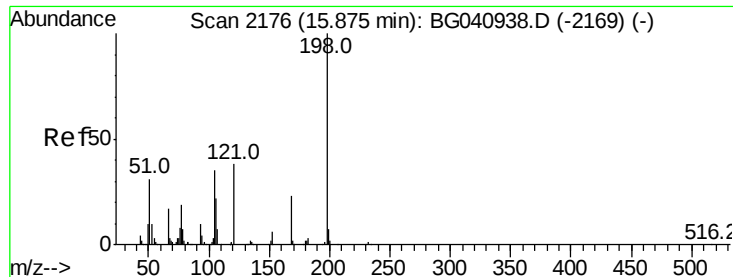


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.628 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

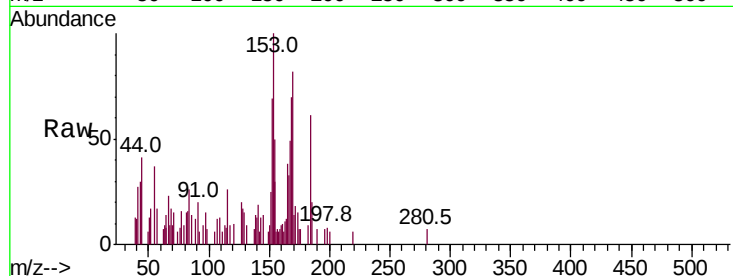
Tot Ion:198 Resp: 75

Ion Ratio Lower Upper

198 100

51 152.1 21.6 61.6#

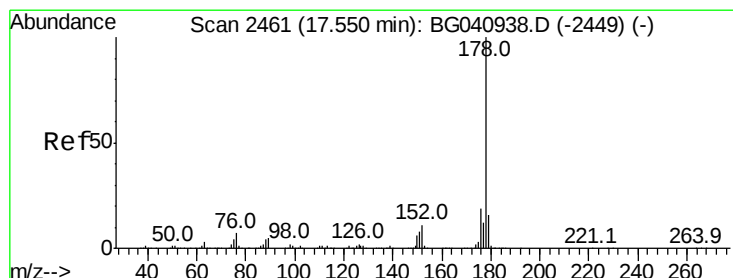
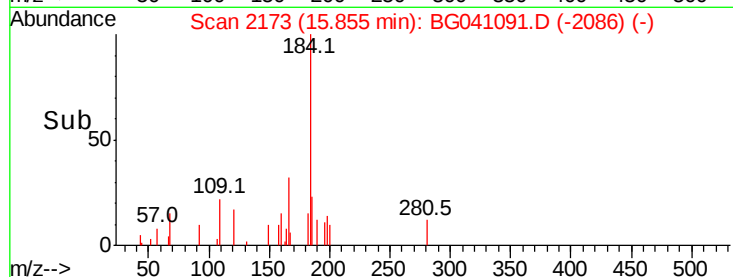
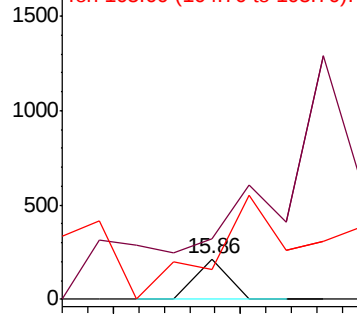
105 73.7 17.5 57.5#



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



#71

Phenanthrene

Concen: 82.640 ng

RT: 17.62 min Scan# 2474

Delta R.T. 0.07 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

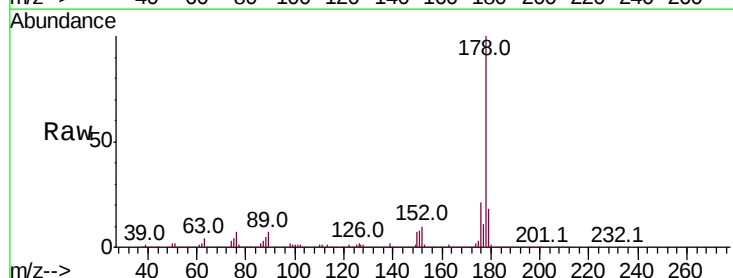
Tgt Ion:178 Resp: 1281566

Ion Ratio Lower Upper

178 100

176 20.9 15.5 23.3

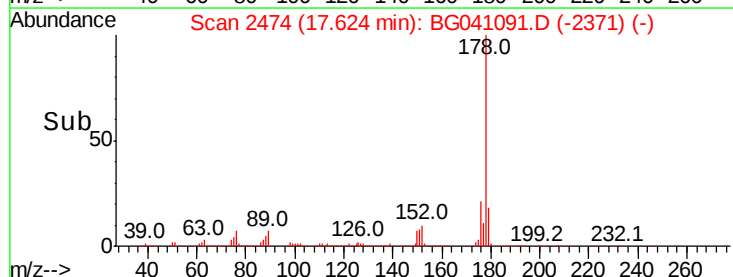
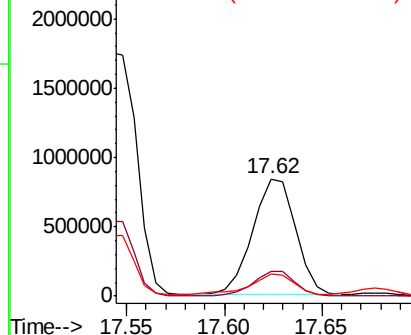
179 18.4 12.7 19.1

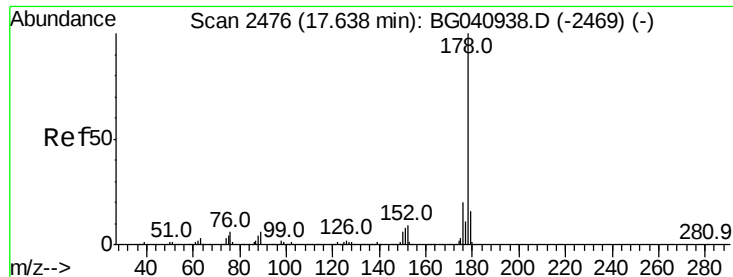


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 83.790 ng

RT: 17.62 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

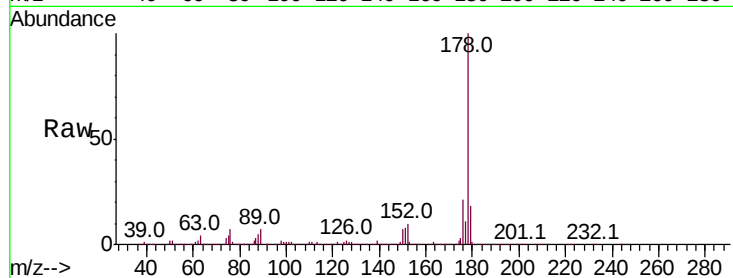
Tot Ion:178 Resp: 1281566

Ion Ratio Lower Upper

178 100

176 20.9 15.6 23.4

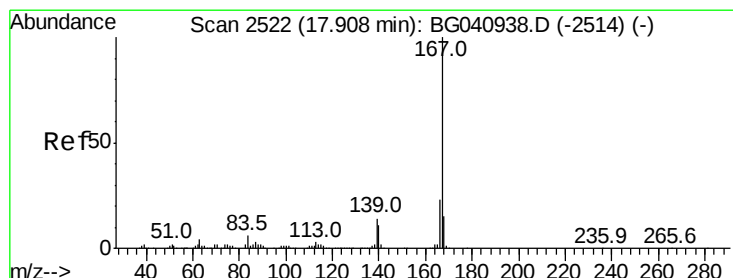
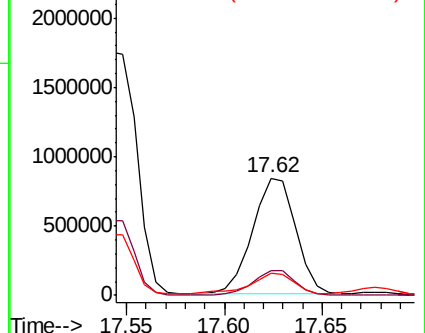
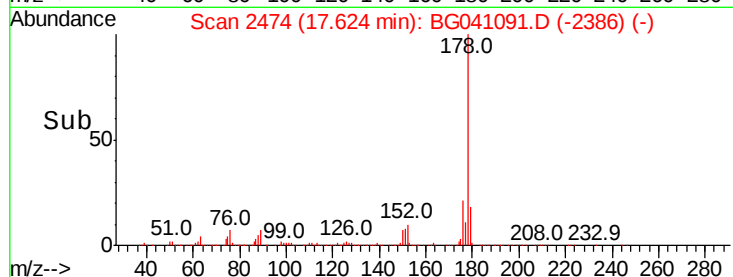
179 18.4 13.0 19.4



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



#73

Carbazole

Concen: 36.374 ng

RT: 17.89 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

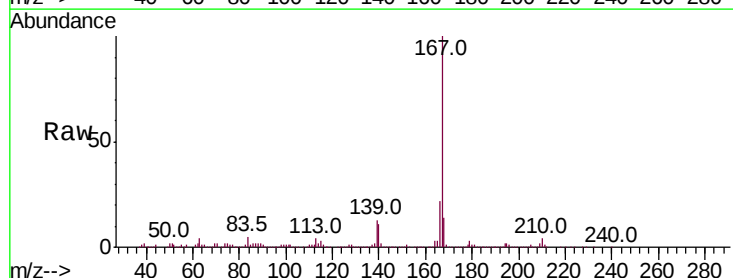
Tgt Ion:167 Resp: 477364

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.4

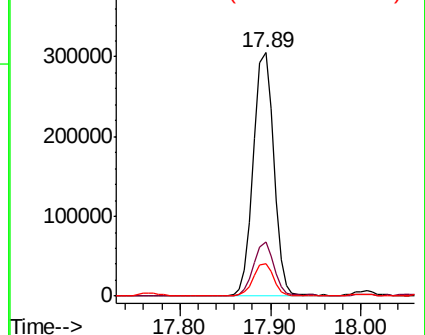
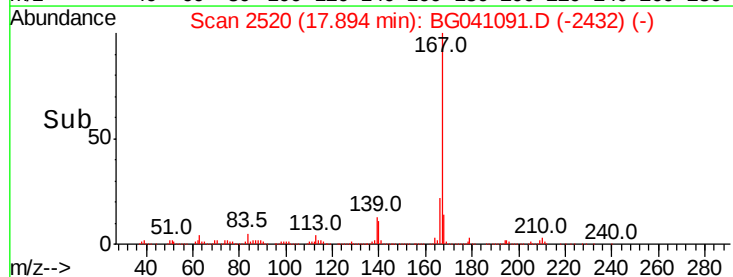
139 13.3 10.8 16.2

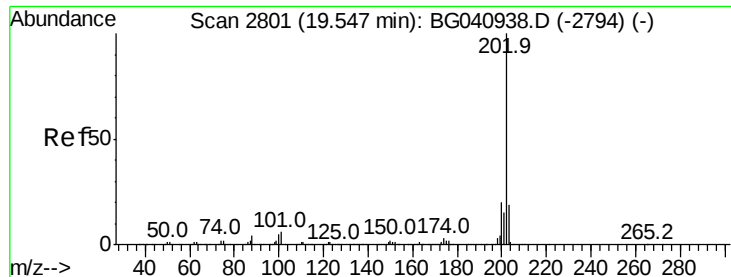


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 194.576 ng

RT: 19.55 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

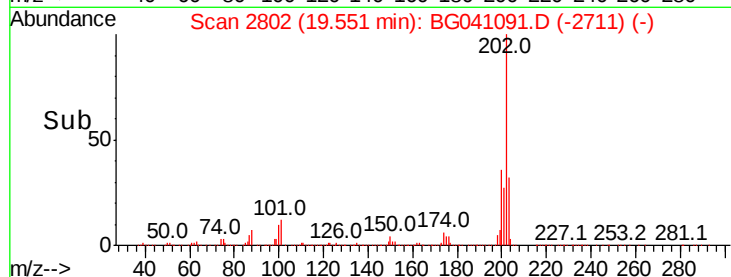
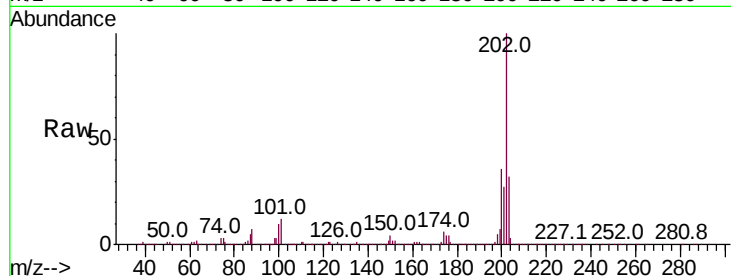
Tot Ion:202 Resp: 3727050

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	26.2
203	31.7	0.0	38.7

202 100

101 12.0 0.0 26.2

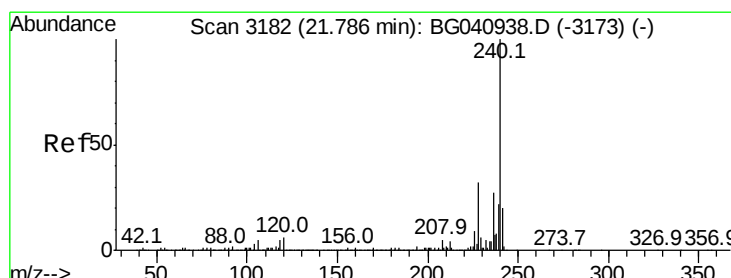
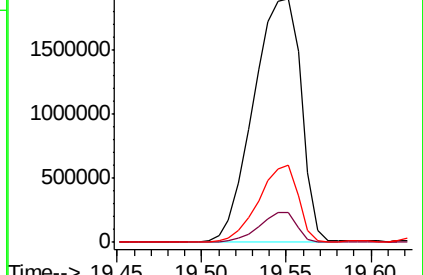
203 31.7 0.0 38.7



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# 3181

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

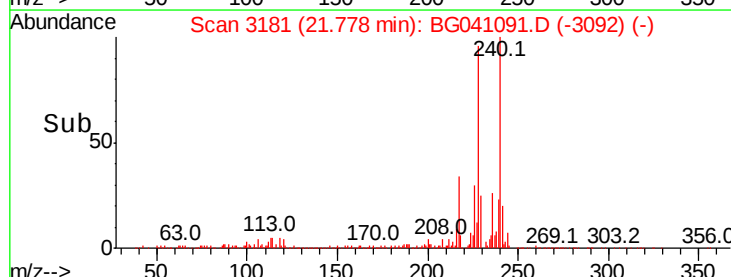
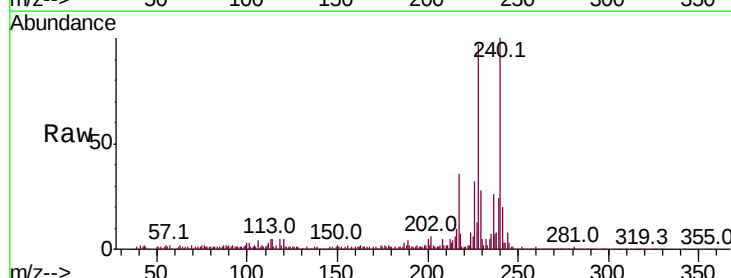
Tgt Ion:240 Resp: 343358

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.5	6.7
236	26.4	21.3	31.9

240 100

120 4.5 4.5 6.7

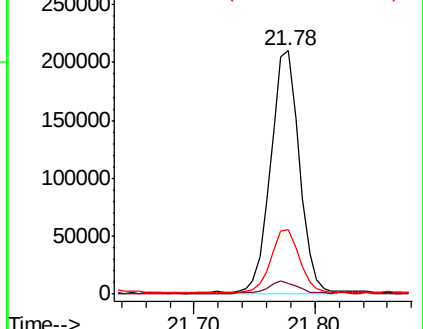
236 26.4 21.3 31.9

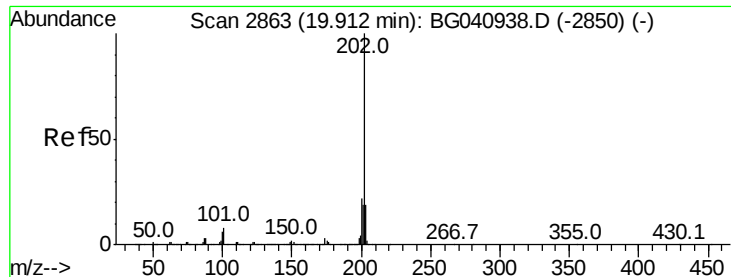


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 155.322 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

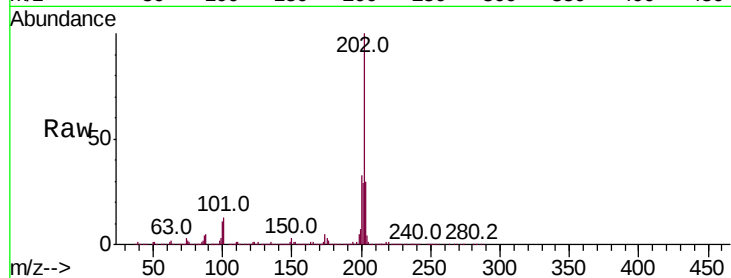
Tot Ion:202 Resp: 3466880

Ion	Ratio	Lower	Upper
202	100		
200	33.4	17.5	26.3#
203	30.2	15.6	23.4#

202 100

200 33.4 17.5 26.3#

203 30.2 15.6 23.4#

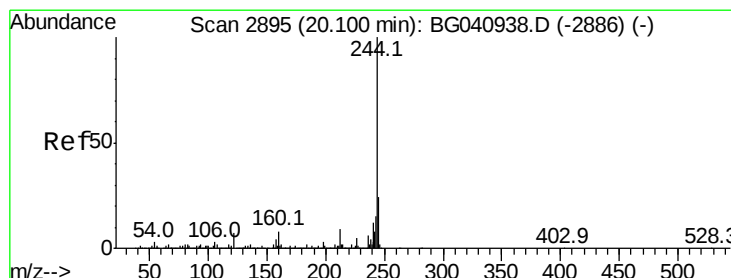
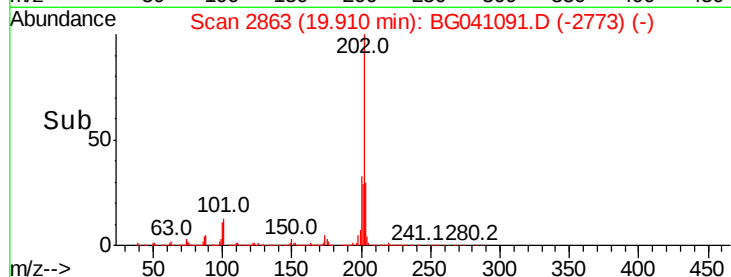
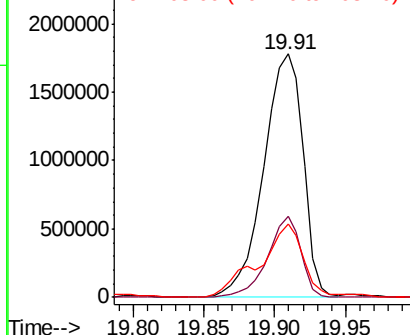


Abundance

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: 32.903 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

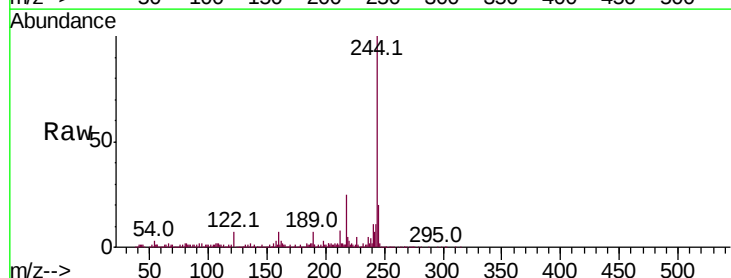
Tgt Ion:244 Resp: 532315

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	6.5	5.4	8.0

244 100

212 8.1 7.0 10.4

122 6.5 5.4 8.0

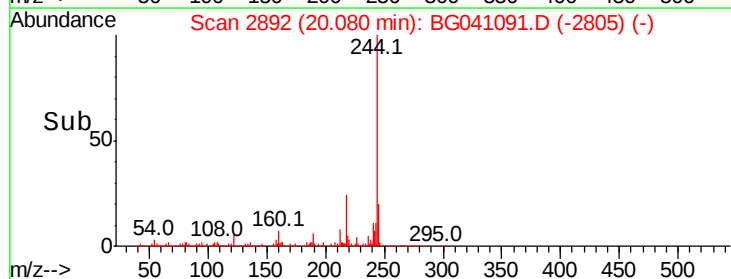
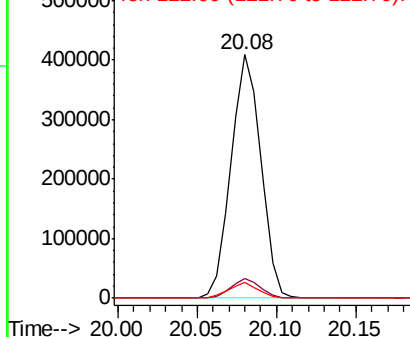


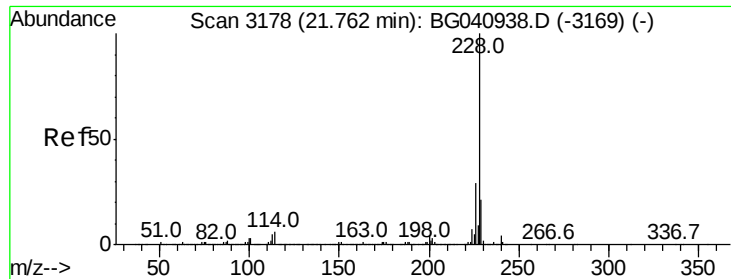
Abundance

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

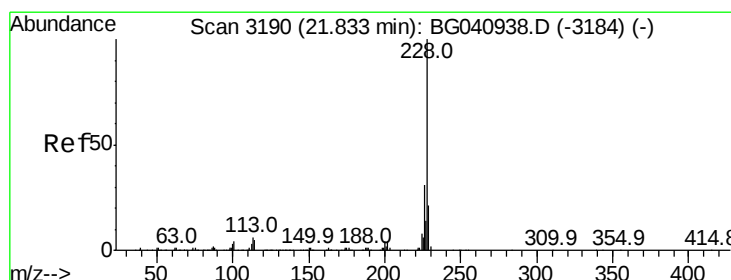
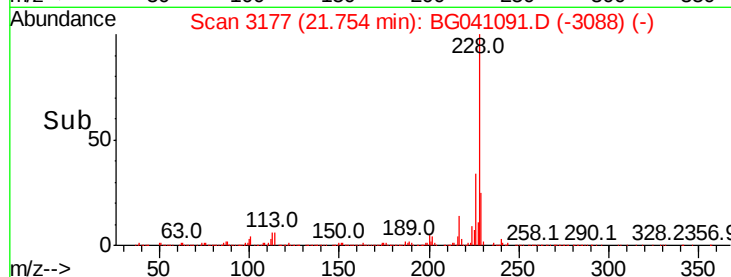
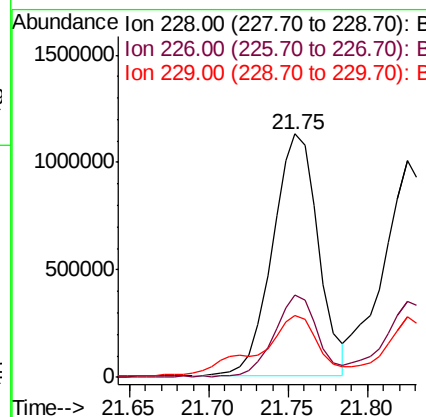
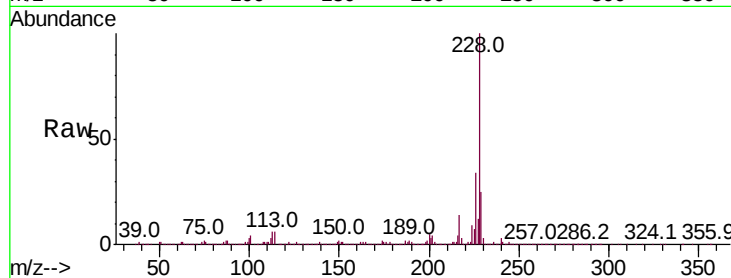




#81
Benzo(a)anthracene
Concen: 98.431 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

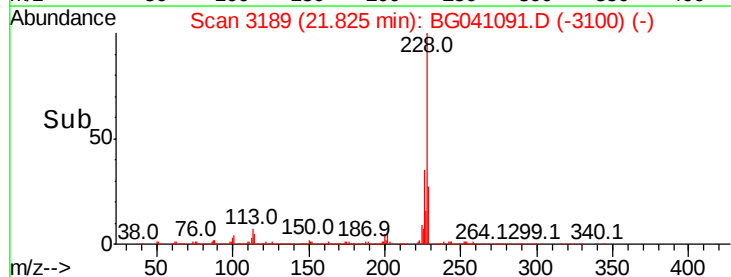
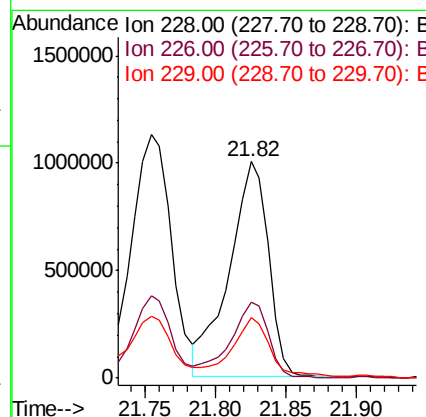
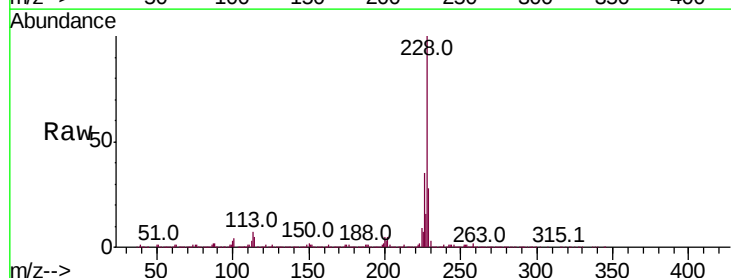
Instrument :
BNA_G
ClientSampleId :
FESB-24(6.5-7)

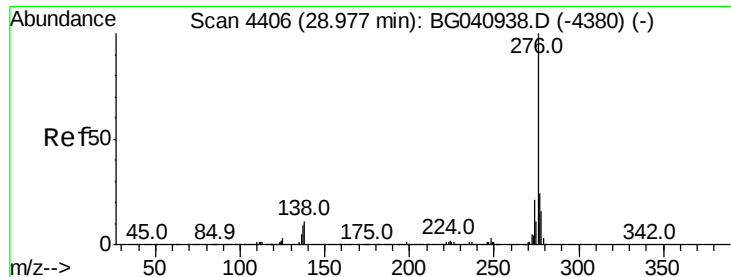
Tot Ion:228 Resp: 2249745
Ion Ratio Lower Upper
228 100
226 33.9 23.5 35.3
229 25.3 16.7 25.1#



#83
Chrysene
Concen: 88.898 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

Tgt Ion:228 Resp: 1944410
Ion Ratio Lower Upper
228 100
226 35.0 24.6 37.0
229 27.8 16.6 24.8#

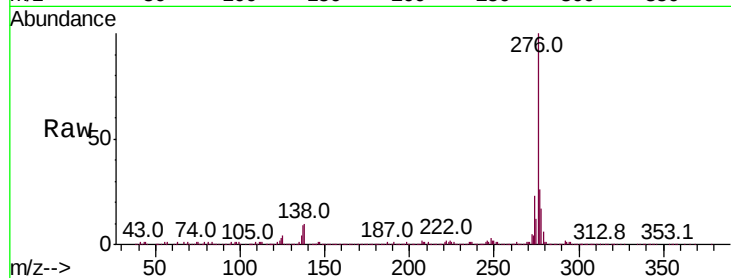




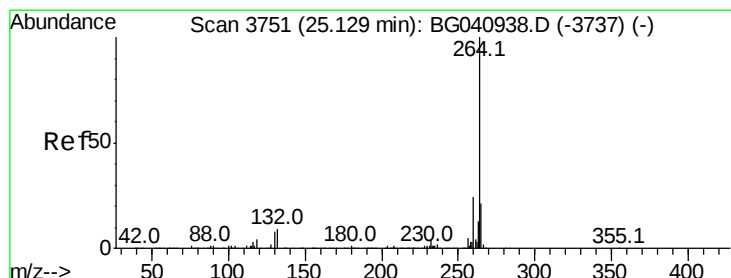
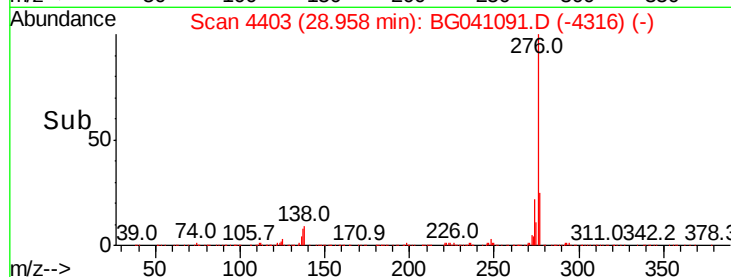
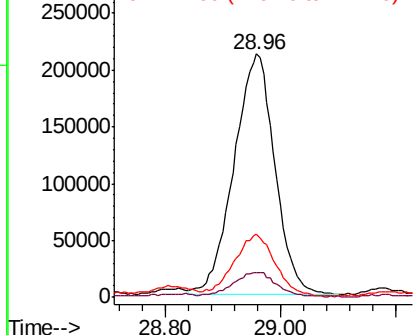
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 38.961 ng
 RT: 28.96 min Scan# 4403
 Delta R.T. -0.02 min
 Lab File: BG041091.D
 Acq: 6 Jun 2019 14:58

Instrument :
 BNA_G
 ClientSampleId :
 FESB-24(6.5-7)

Tot Ion:276 Resp: 1043885
 Ion Ratio Lower Upper
 276 100
 138 10.6 5.7 8.5#
 277 25.6 20.8 31.2

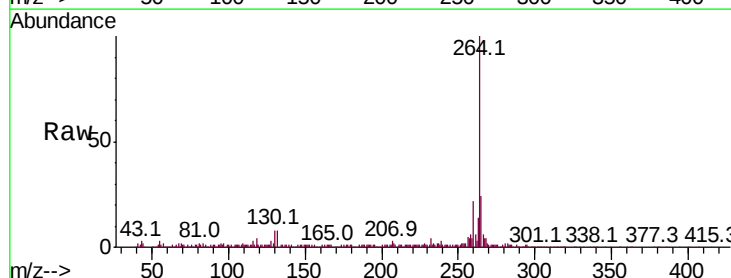


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

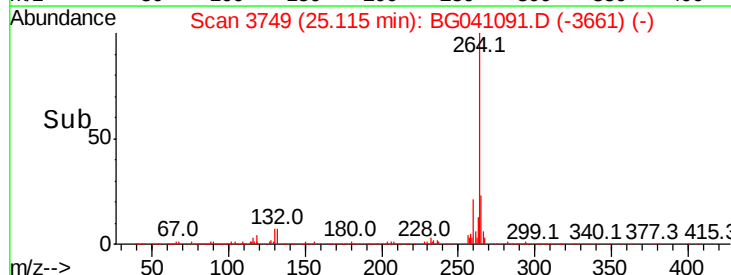
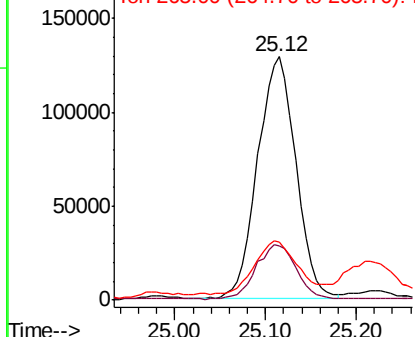


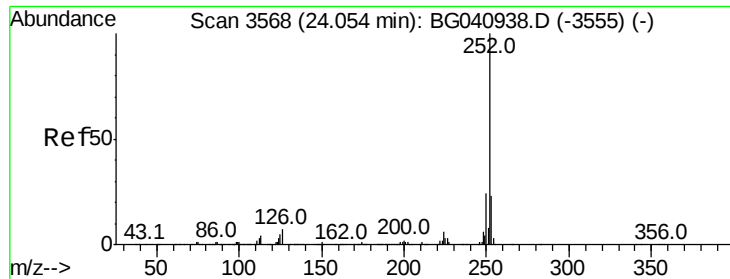
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3749
 Delta R.T. -0.01 min
 Lab File: BG041091.D
 Acq: 6 Jun 2019 14:58

Tgt Ion:264 Resp: 377914
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 23.7 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

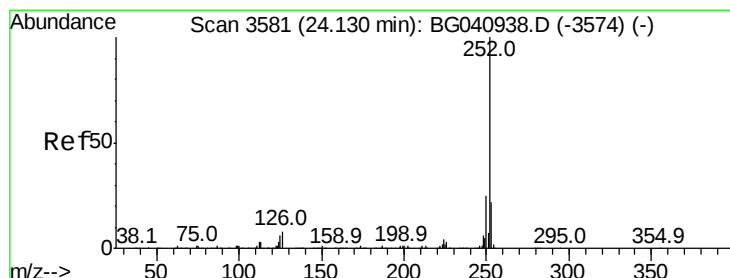
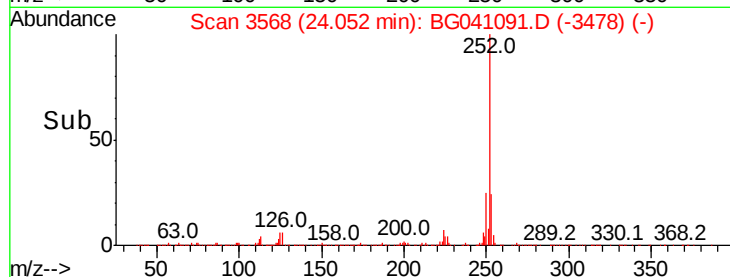
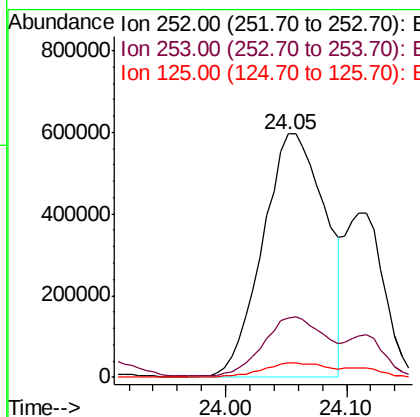
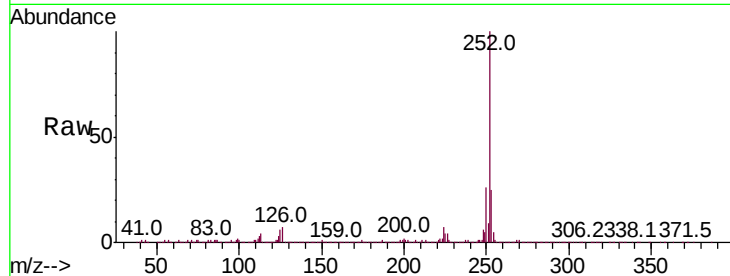




#88
Benzo(b)fluoranthene
Concen: 93.800 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

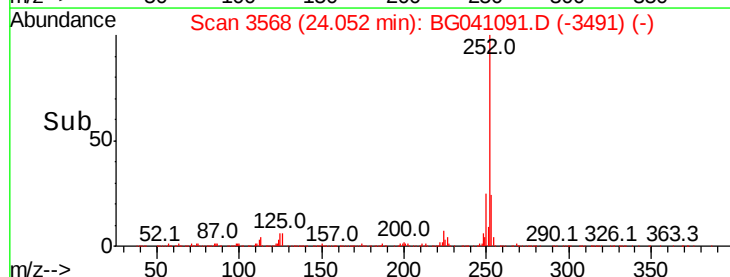
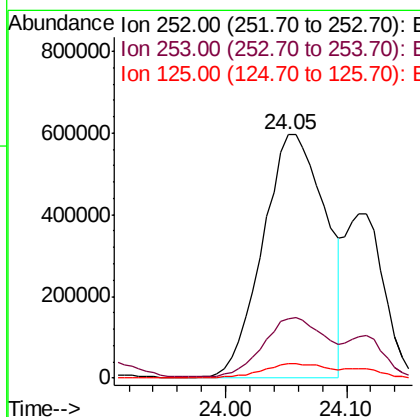
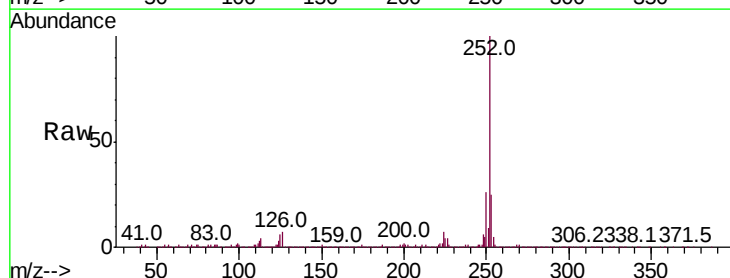
Instrument :
BNA_G
ClientSampleId :
FESB-24(6.5-7)

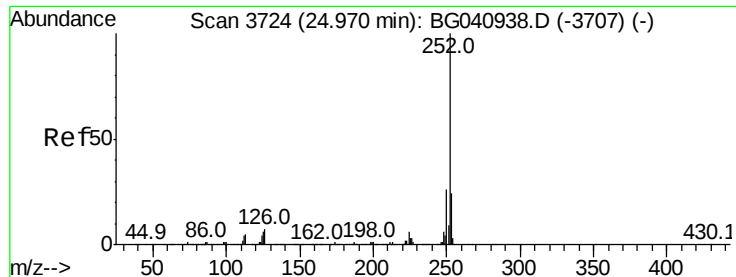
Tot Ion:252 Resp: 2150058
Ion Ratio Lower Upper
252 100
253 24.6 18.4 27.6
125 6.2 4.3 6.5



#89
Benzo(k)fluoranthene
Concen: 94.789 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.08 min
Lab File: BG041091.D
Acq: 6 Jun 2019 14:58

Tgt Ion:252 Resp: 2150058
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.6
125 6.2 4.7 7.1





#90

Benzo(a)pyrene

Concen: 81.556 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

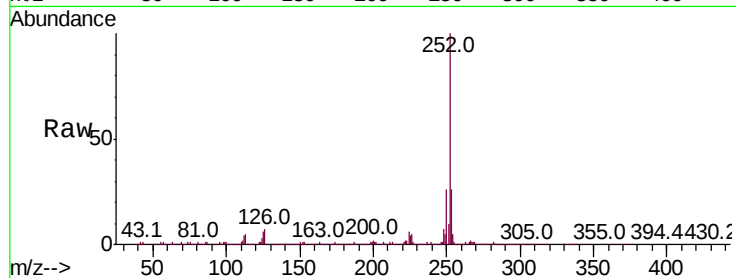
BNA_G

ClientSampleId :

FESB-24(6.5-7)

Tot Ion:252 Resp: 1783551

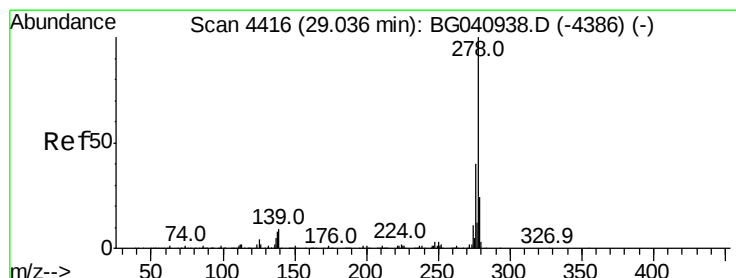
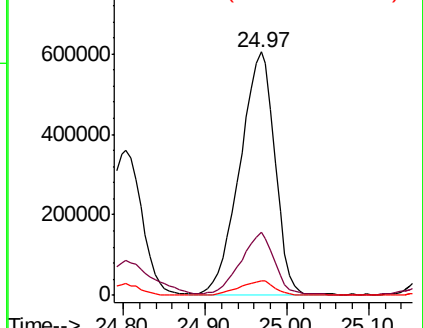
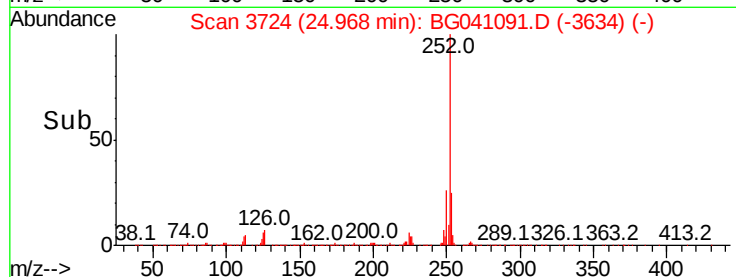
Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.5	29.3
125	5.9	5.1	7.7



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: 12.554 ng

RT: 29.45 min Scan# 4486

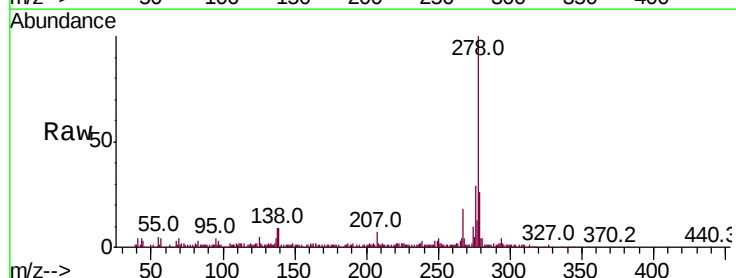
Delta R.T. 0.41 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Tgt Ion:278 Resp: 274330

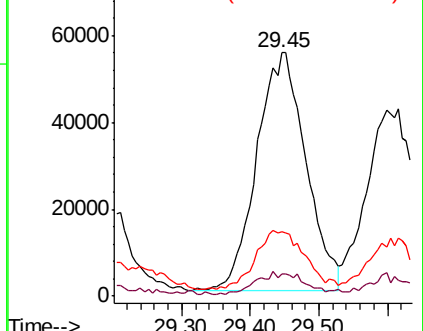
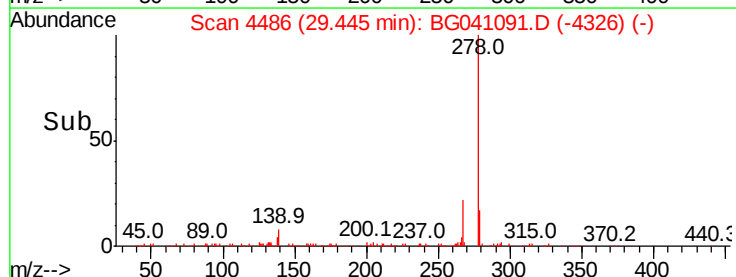
Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.1	10.7
279	26.3	19.4	29.2

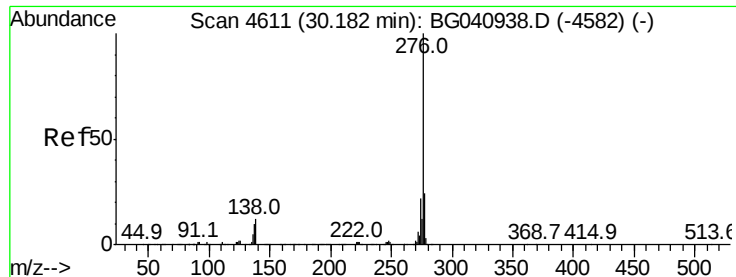


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.137 ng

RT: 30.17 min Scan# 4610

Delta R.T. -0.01 min

Lab File: BG041091.D

Acq: 6 Jun 2019 14:58

Instrument :

BNA_G

ClientSampleId :

FESB-24(6.5-7)

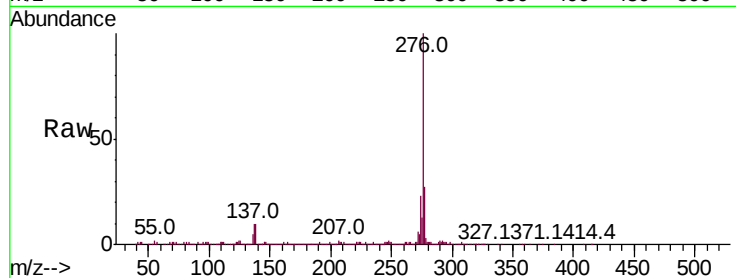
Tot Ion:276 Resp: 958247

Ion Ratio Lower Upper

276 100

277 26.8 19.4 29.0

138 10.1 9.7 14.5



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

