

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041079.D
 Acq On : 5 Jun 2019 19:31
 Operator : HP/JU
 Sample : K3076-01RX
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)RX

Quant Time: Jun 06 04:25:07 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	2119	20.00	ng	-0.01
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.95
39) Acenaphthene-d10	14.73	164	59	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	365	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	3657	20.00	ng	-0.03
87) Perylene-d12	25.10	264	10190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	327347	2785.63	ng	0.00
7) Phenol-d6	7.25	99	469084	2584.69	ng	-0.01
23) Nitrobenzene-d5	9.29	82	320126	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	224707	256545.27	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	619689	151257.34	ng	-0.02
79) Terphenyl-d14	20.08	244	903013	5240.65	ng	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.54	88	188	3.526	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	384	5.244	ng	# 1
9) Benzaldehyde	7.25	77	1169	10.798	ng	# 1
10) Phenol	7.29	94	4287	22.031	ng	# 87
15) Benzyl Alcohol	8.43	79	6123	36.472	ng	# 52
19) n-Nitroso-di-n-propylamine	9.29	70	45463	325.518	ng	# 74
46) 1,1'-Biphenyl	13.58	154	976	223.479	ng	# 75
47) 2-Chloronaphthalene	14.02	162	64	17.070	ng	# 39
48) 2-Nitroaniline	14.05	65	77	57.247	ng	# 11
49) Acenaphthylene	14.47	152	3417	605.545	ng	# 83
50) Dimethylphthalate	14.18	163	116177	23261.594	ng	# 96
51) 2,6-Dinitrotoluene	14.19	165	1181	1096.735	ng	# 5
52) Acenaphthene	14.80	154	750	219.400	ng	# 94
55) Dibenzofuran	15.14	168	959	166.725	ng	# 88
56) 4-Nitrophenol	15.03	139	63	85.299	ng	# 1
58) Fluorene	15.79	166	1678	366.313	ng	# 83
60) Diethylphthalate	15.54	149	466	91.428	ng	# 57
62) 4-Nitroaniline	15.83	138	125	109.651	ng	# 19
63) Azobenzene	16.08	77	60	12.952	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.22	198	720	310.834	ng	# 1
66) n-Nitrosodiphenylamine	16.23	169	8479	826.367	ng	# 47
67) 4-Bromophenyl-phenylether	16.23	248	16685	3387.256	ng	# 1
69) Atrazine	16.93	200	564	142.457	ng	# 35
70) Pentachlorophenol	17.14	266	394	137.017	ng	# 58
71) Phenanthrene	17.52	178	29558	1554.679	ng	# 98
72) Anthracene	17.62	178	5904	314.859	ng	# 99
73) Carbazole	17.89	167	4561	283.480	ng	# 84
74) Di-n-butylphthalate	18.42	149	2810	140.520	ng	# 78
75) Fluoranthene	19.53	202	87799	3738.777	ng	# 98
77) Benzidine	20.08	184	14597	167.322	ng	# 93
78) Pyrene	19.89	202	82074	345.241	ng	# 96
80) Butylbenzylphthalate	20.76	149	3343	36.135	ng	# 89
81) Benzo(a)anthracene	21.74	228	47320	194.386	ng	# 97
82) 3,3'-Dichlorobenzidine	21.66	252	2388	27.890	ng	# 82

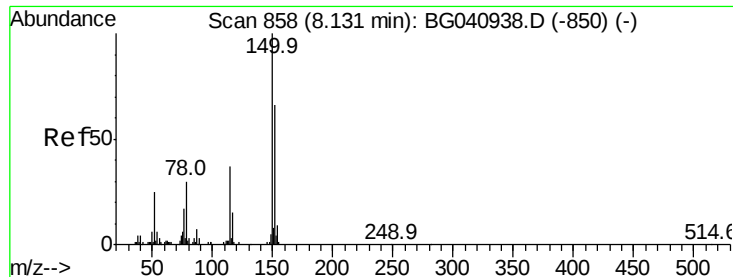
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041079.D
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Quant Time: Jun 06 04:25:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.81	228	50121	215.153	nq	92
84) Bis(2-ethylhexyl)phthalate	21.61	149	12843	98.615	nq #	94
85) Di-n-octyl phthalate	22.85	149	12200	56.248	nq #	72
86) Indeno(1,2,3-cd)pyrene	28.91	276	65980	231.213	nq #	59
88) Benzo(b)fluoranthene	24.09	252	28638	46.335	nq	100
89) Benzo(k)fluoranthene	24.09	252	28638	46.824	nq	98
90) Benzo(a)pyrene	24.93	252	58853	99.806	nq	93
91) Dibenzo(a,h)anthracene	28.95	278	11532	19.572	nq #	92
92) Benzo(g,h,i)perylene	30.11	276	59272	103.545	nq #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

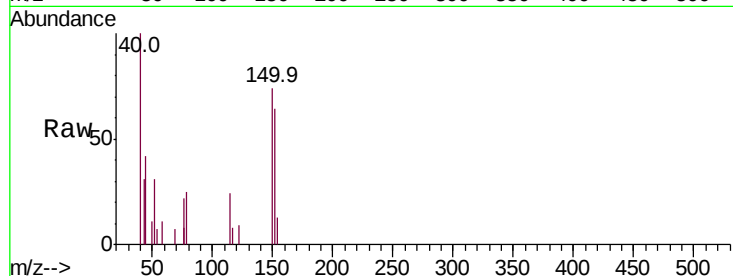
Tot Ion:152 Resp: 2119

Ion Ratio Lower Upper

152 100

150 115.7 120.6 180.8#

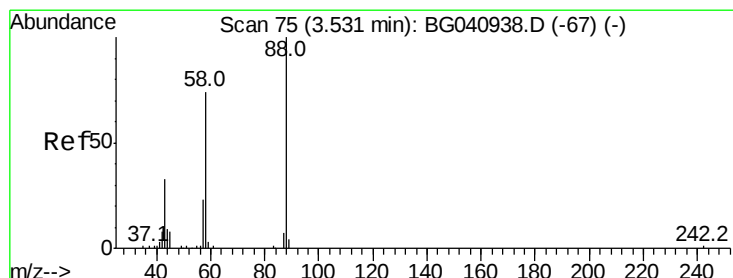
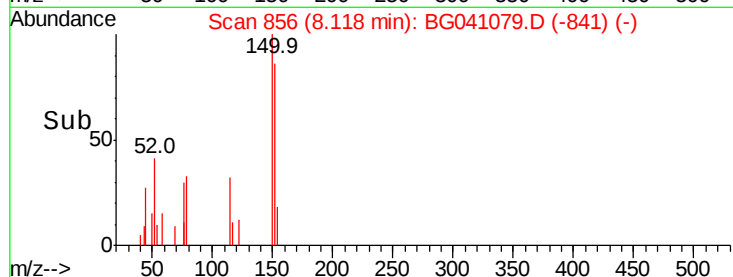
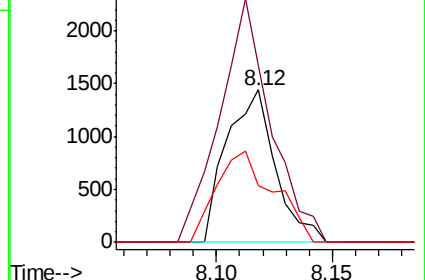
115 37.0 45.1 67.7#



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



#2

1,4-Dioxane

Concen: 3.526 ng

RT: 3.54 min Scan# 76

Delta R.T. 0.00 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

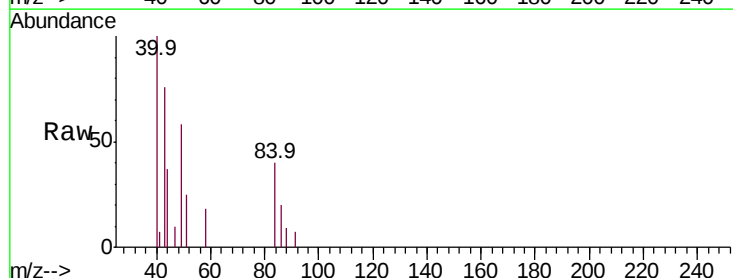
Tgt Ion: 88 Resp: 188

Ion Ratio Lower Upper

88 100

58 275.0 59.0 88.6#

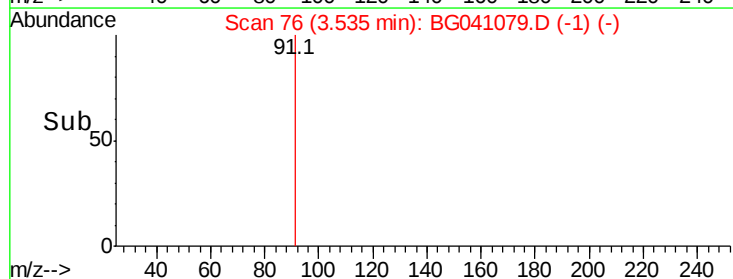
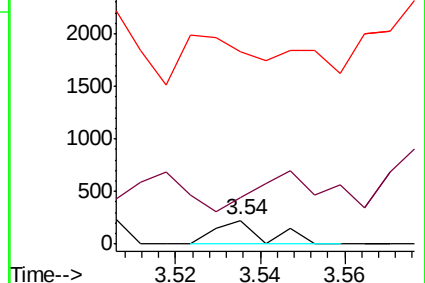
43 0.0 27.2 40.8#

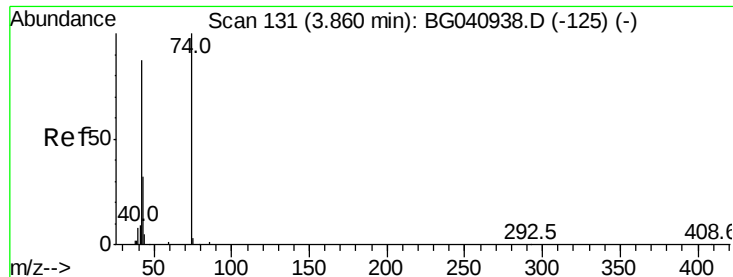


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



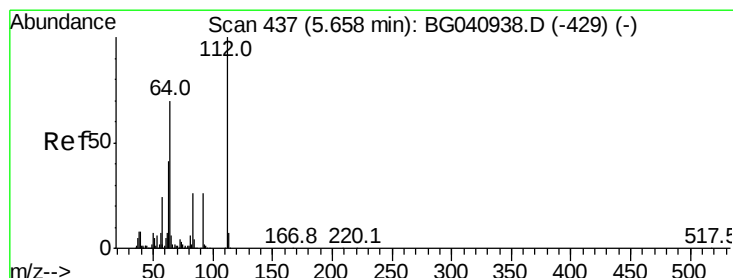
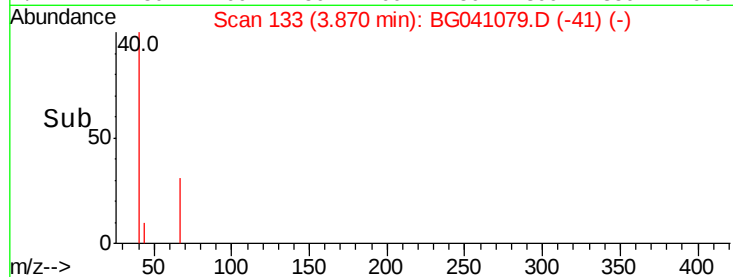
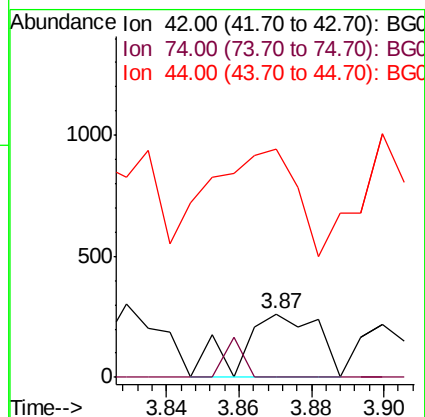
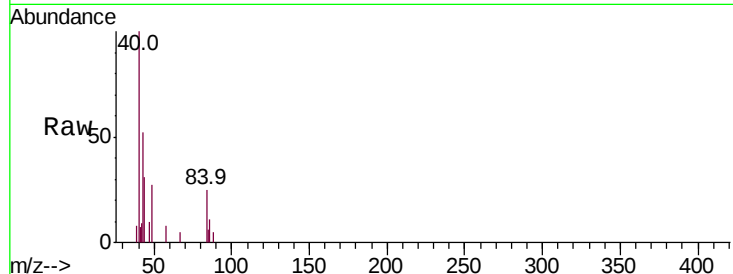


#4

n-Nitrosodimethylamine
 Concen: 5.244 ng
 RT: 3.87 min Scan# 133
 Delta R.T. 0.01 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)RX

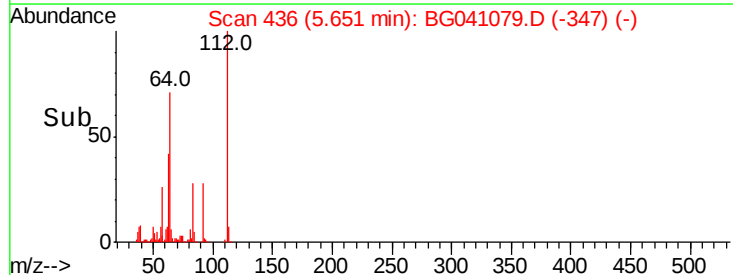
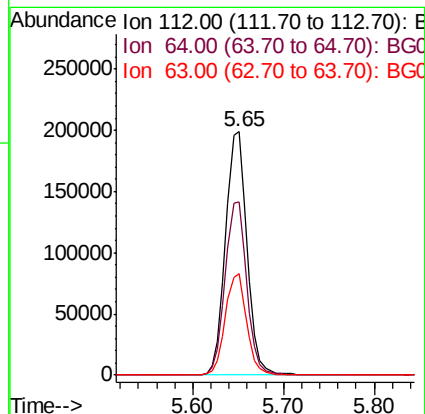
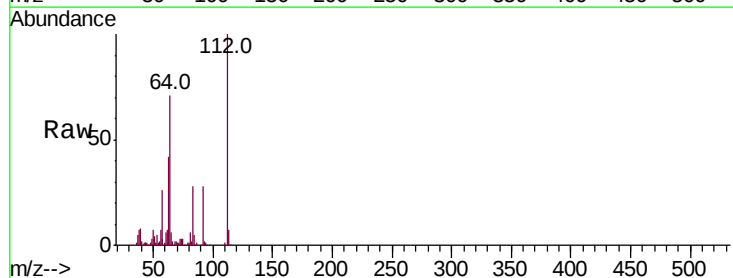
Tot Ion: 42 Resp: 384
 Ion Ratio Lower Upper
 42 100
 74 0.0 91.8 137.6#
 44 358.9 6.0 9.0#

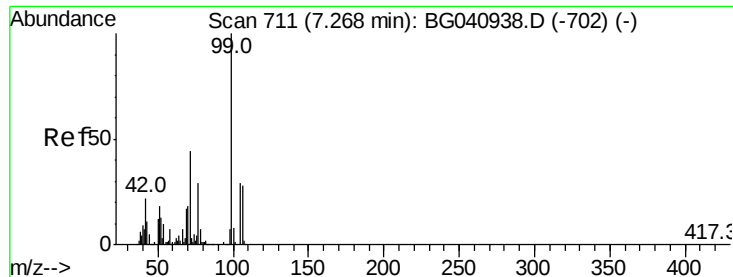


#5

2-Fluorophenol
 Concen: 2785.634 ng
 RT: 5.65 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

Tgt Ion: 112 Resp: 327347
 Ion Ratio Lower Upper
 112 100
 64 71.0 56.2 84.2
 63 41.5 32.8 49.2





#7

Phenol-d6

Concen: 2584.686 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

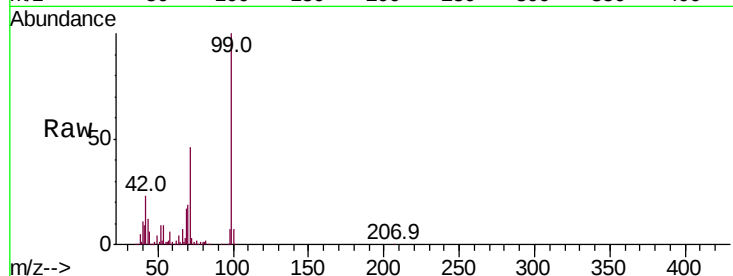
Tot Ion: 99 Resp: 469084

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

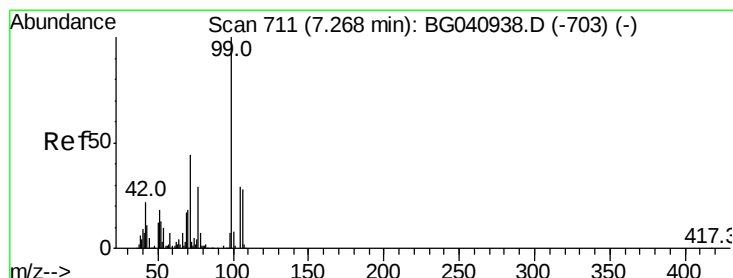
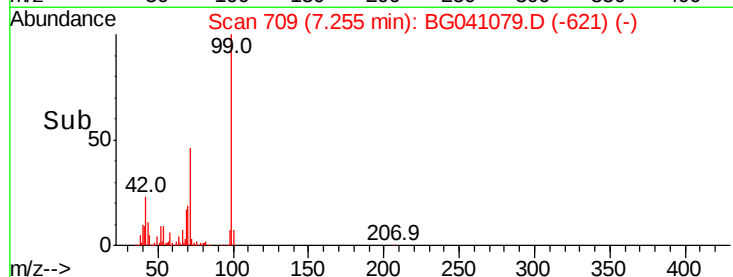
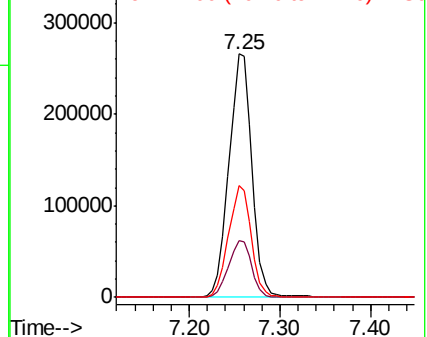
71 45.8 35.4 53.0



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



#9

Benzaldehyde

Concen: 10.798 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

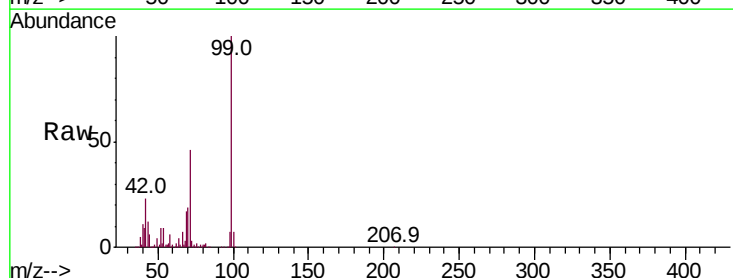
Tgt Ion: 77 Resp: 1169

Ion Ratio Lower Upper

77 100

105 0.0 78.9 118.9#

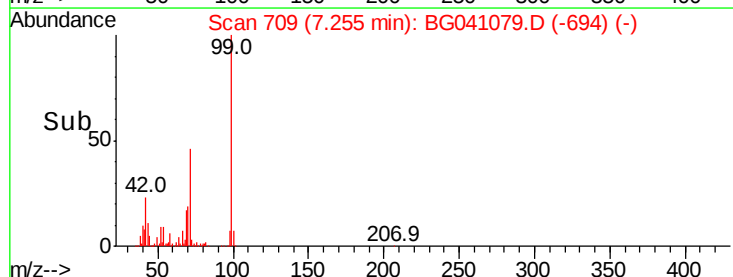
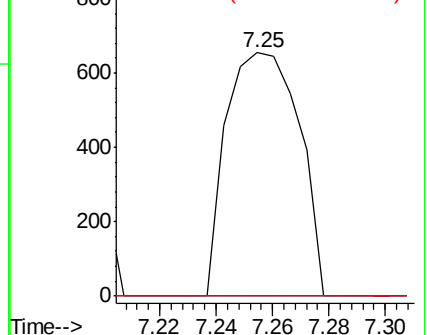
106 0.0 76.7 116.7#

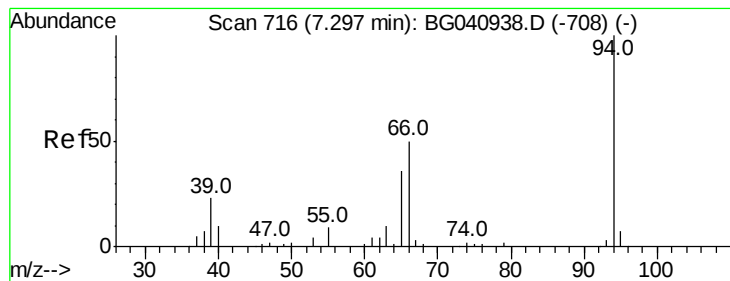


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 22.031 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

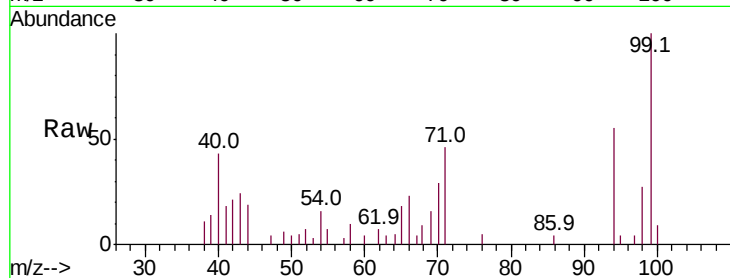
Tot Ion: 94 Resp: 4287

Ion Ratio Lower Upper

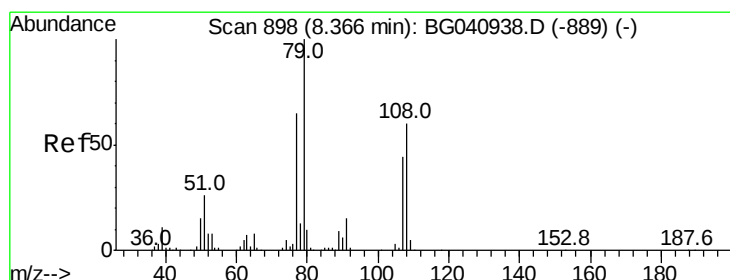
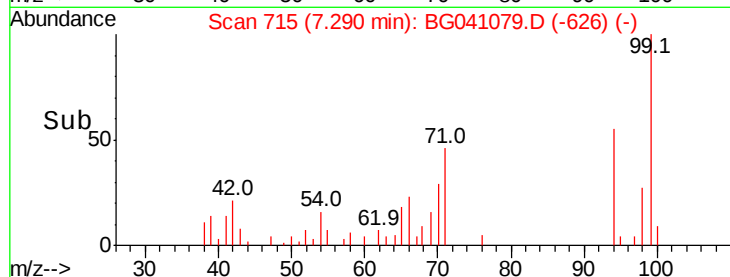
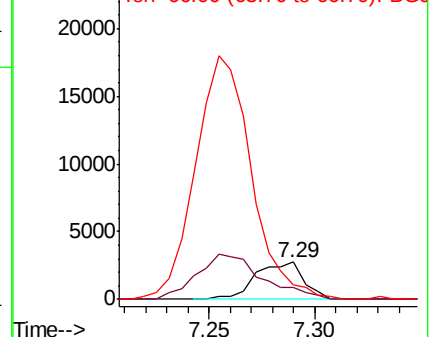
94 100

65 32.8 17.0 57.0

66 40.8 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



#15

Benzyl Alcohol

Concen: 36.472 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.06 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

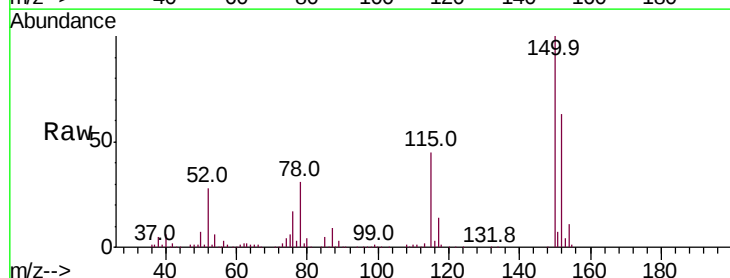
Tgt Ion: 79 Resp: 6123

Ion Ratio Lower Upper

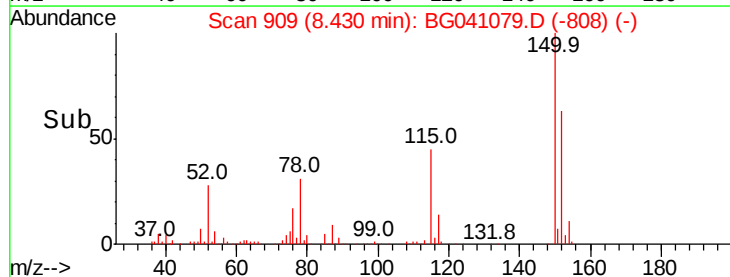
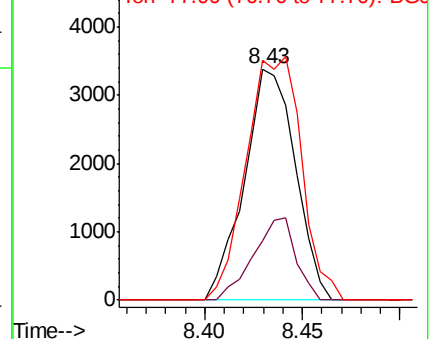
79 100

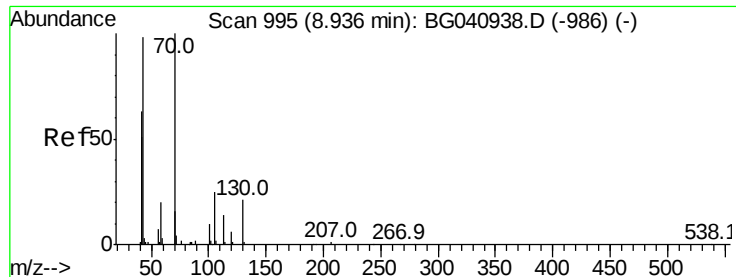
108 25.4 48.3 72.5#

77 104.1 52.3 78.5#



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





#19

n-Nitroso-di-n-propylamine

Concen: 325.518 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.35 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

Tot Ion: 70 Resp: 45463

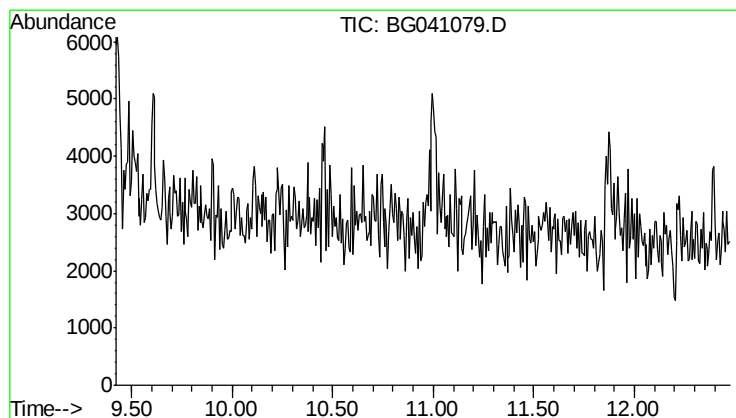
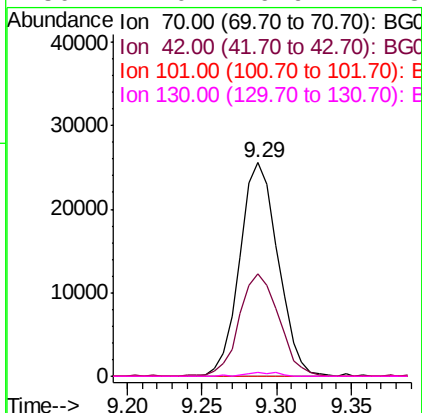
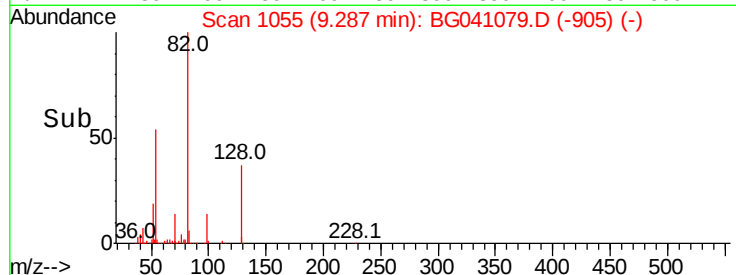
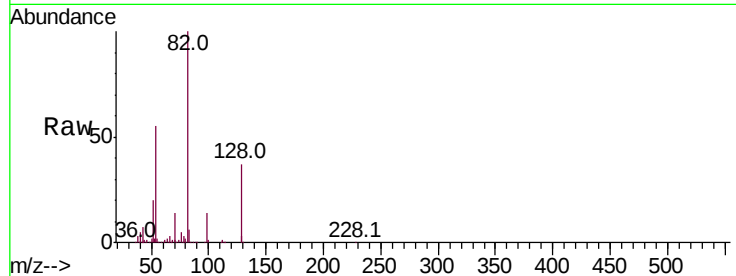
Ion Ratio Lower Upper

70 100

42 48.2 51.5 77.3#

101 0.0 8.1 12.1#

130 2.0 16.6 24.8#



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.95 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Tgt Ion: 136

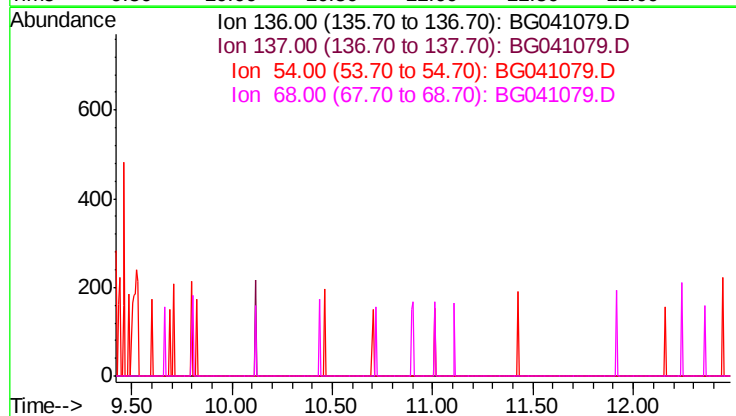
Sig Exp Ratio

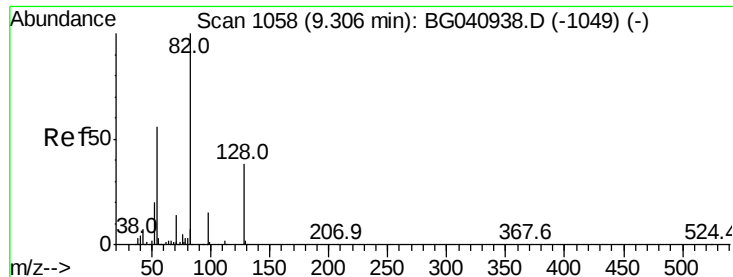
136 100

137 11.9

54 9.5

68 4.9

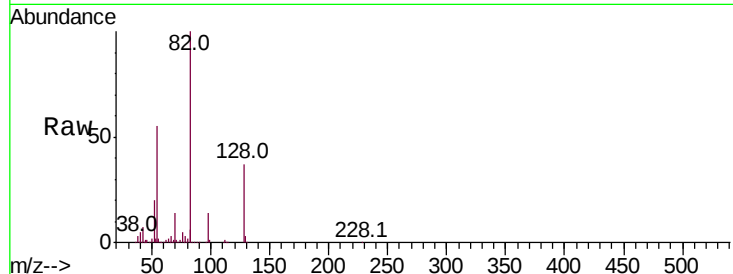




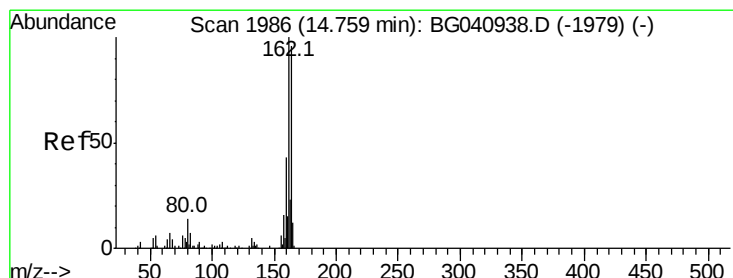
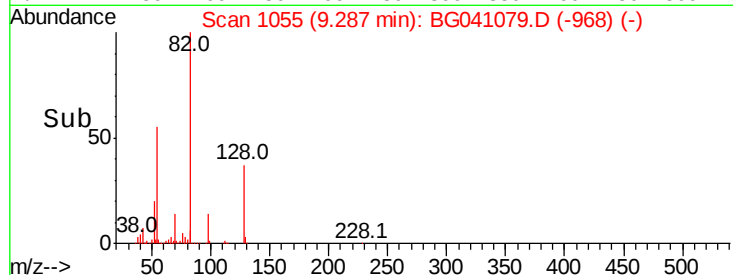
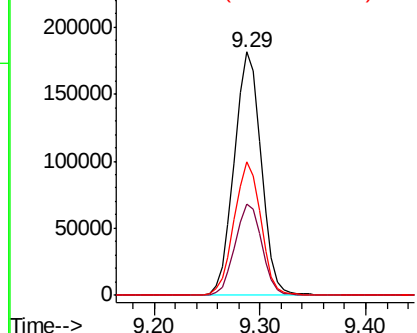
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)RX

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.5	45.7
54	54.7	44.6	66.8

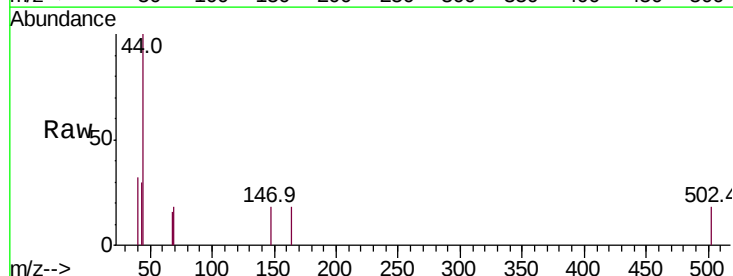


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

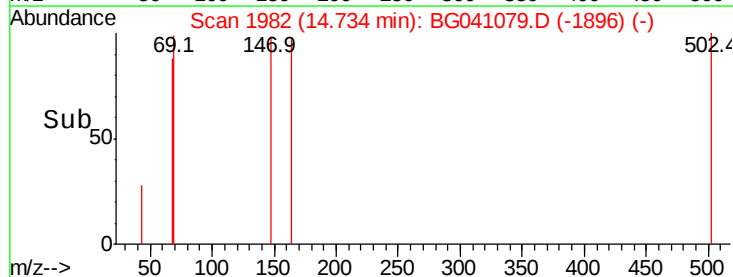
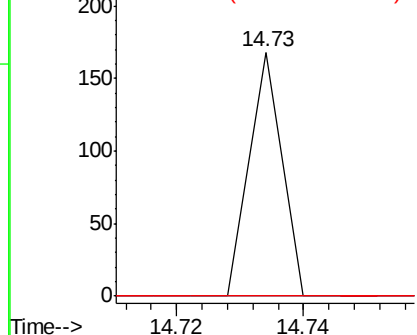


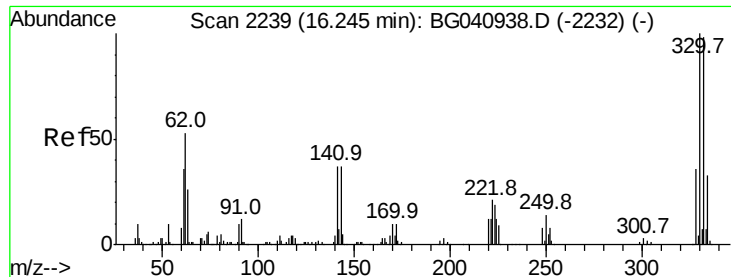
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	0.0	83.0	124.4#
160	0.0	35.6	53.4#



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 256545.265 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

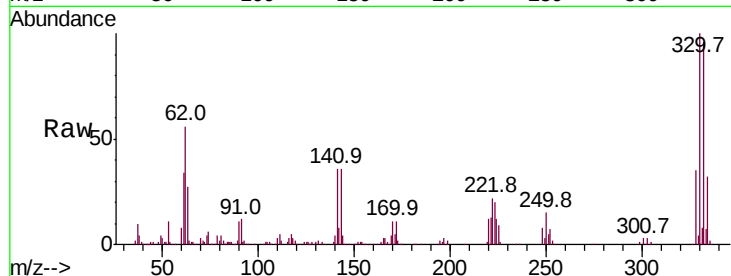
Tot Ion:330 Resp: 224707

Ion Ratio Lower Upper

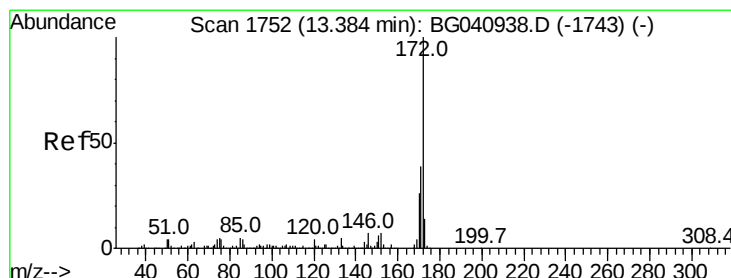
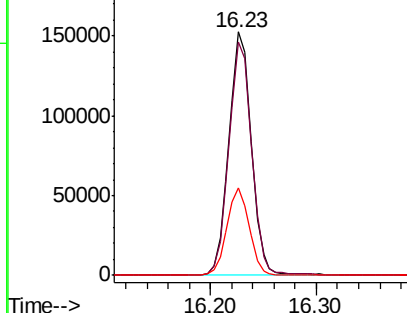
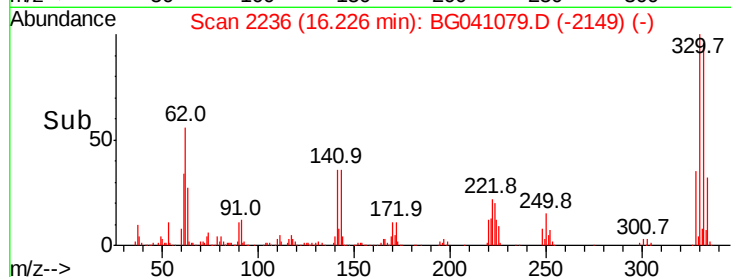
330 100

332 96.7 78.5 117.7

141 35.6 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: 151257.344 ng

RT: 13.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

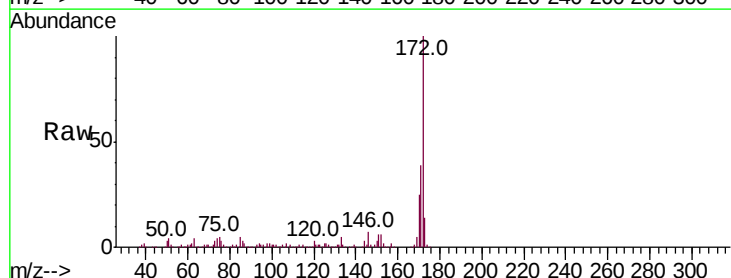
Tgt Ion:172 Resp: 619689

Ion Ratio Lower Upper

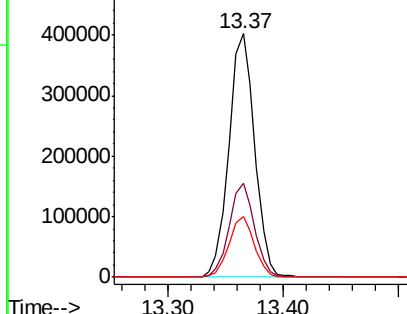
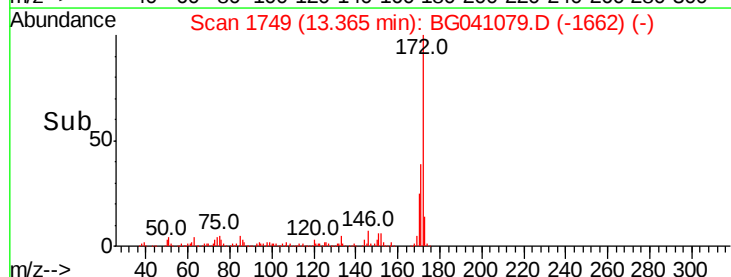
172 100

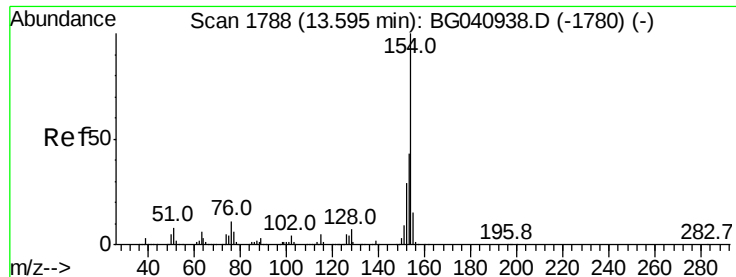
171 38.5 31.1 46.7

170 24.9 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: 223.479 ng

RT: 13.58 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

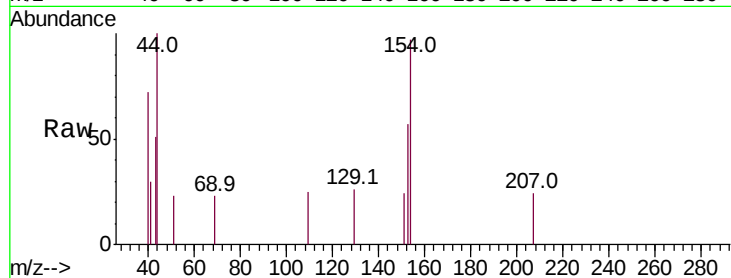
Tot Ion:154 Resp: 976

Ion Ratio Lower Upper

154 100

153 58.7 23.3 63.3

76 0.0 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): B

13.58

600

400

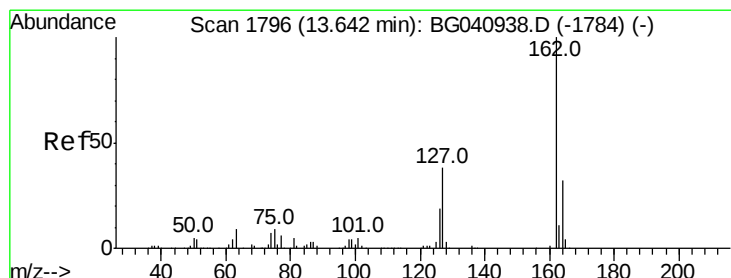
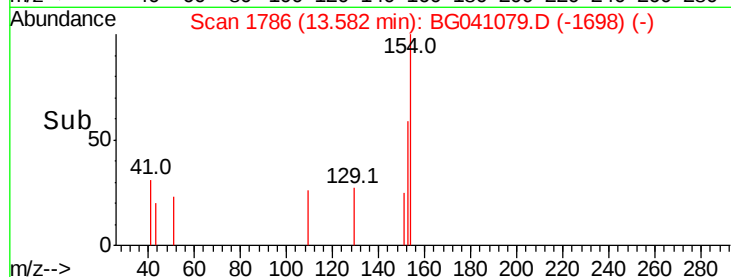
200

0

13.55

13.60

Time-->



#47

2-Chloronaphthalene

Concen: 17.070 ng

RT: 14.02 min Scan# 1861

Delta R.T. 0.38 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

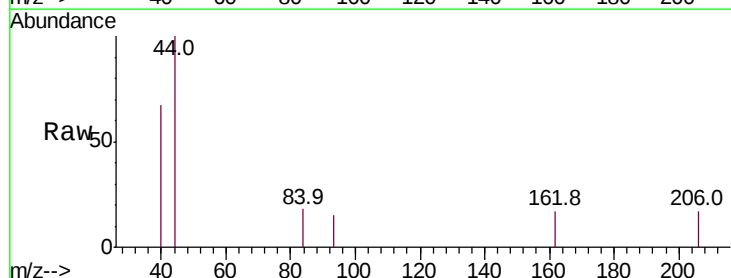
Tgt Ion:162 Resp: 64

Ion Ratio Lower Upper

162 100

127 0.0 30.5 45.7#

164 0.0 25.8 38.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

14.02

250

200

150

100

50

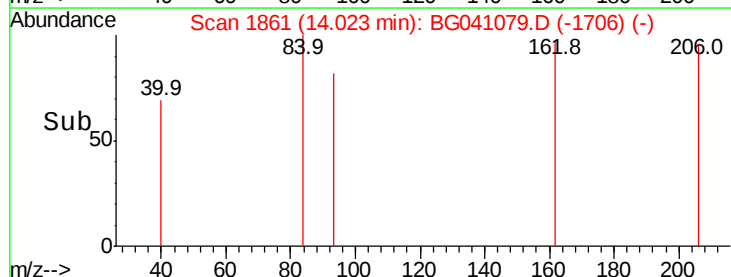
0

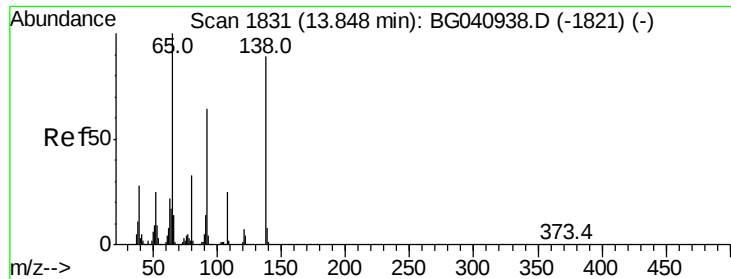
14.00

14.02

14.04

Time-->





#48

2-Nitroaniline

Concen: 57.247 ng

RT: 14.05 min Scan# 1865

Delta R.T. 0.20 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

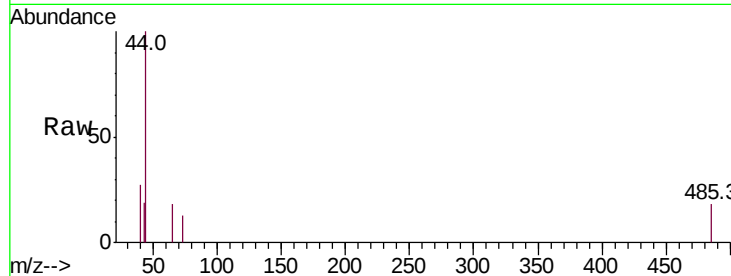
Tot Ion: 65 Resp: 77

Ion Ratio Lower Upper

65 100

92 0.0 51.0 76.6#

138 0.0 71.2 106.8#



Abundance Ion 65.00 (64.70 to 65.70): BG041079.D (-1741) (-)

Ion 92.00 (91.70 to 92.70): BG041079.D (-1741) (-)

Ion 138.00 (137.70 to 138.70): BG041079.D (-1741) (-)

14.05

200

150

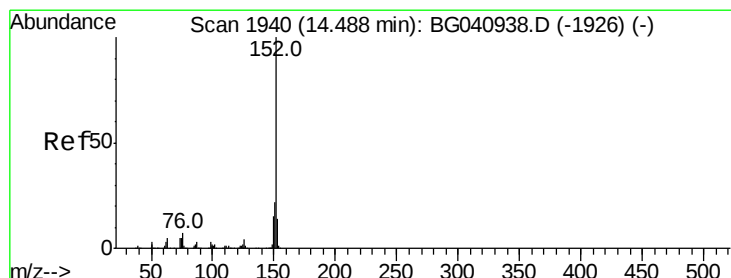
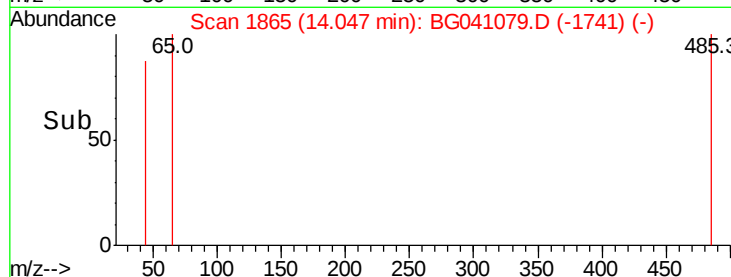
100

50

0

14.04 14.06

Time-->



#49

Acenaphthylene

Concen: 605.545 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

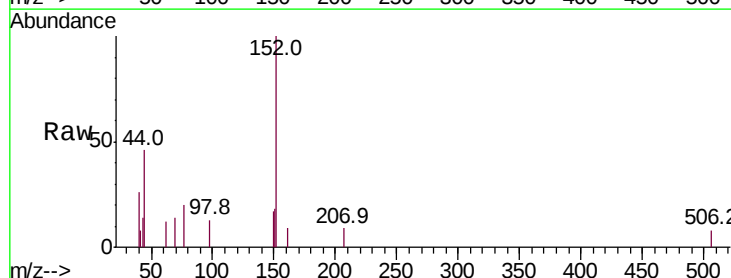
Tgt Ion: 152 Resp: 3417

Ion Ratio Lower Upper

152 100

151 18.5 17.4 26.0

153 0.0 11.0 16.4#



Abundance Ion 152.00 (151.70 to 152.70): BG041079.D (-1850) (-)

Ion 151.00 (150.70 to 151.70): BG041079.D (-1850) (-)

Ion 153.00 (152.70 to 153.70): BG041079.D (-1850) (-)

14.47

2000

1500

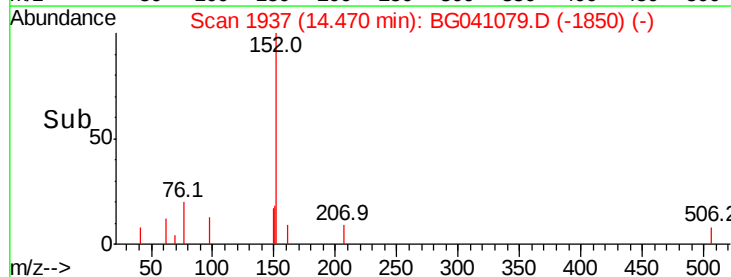
1000

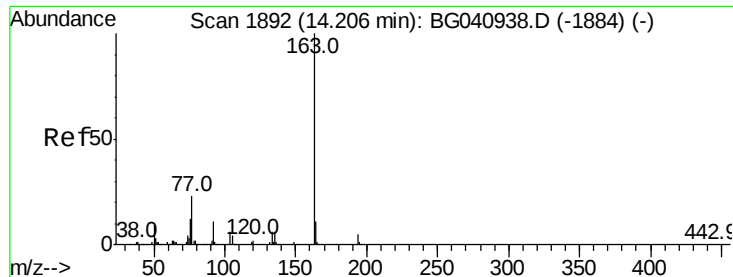
500

0

14.40 14.45 14.50 14.55

Time-->





#50

Dimethylphthalate

Concen: 23261.594 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

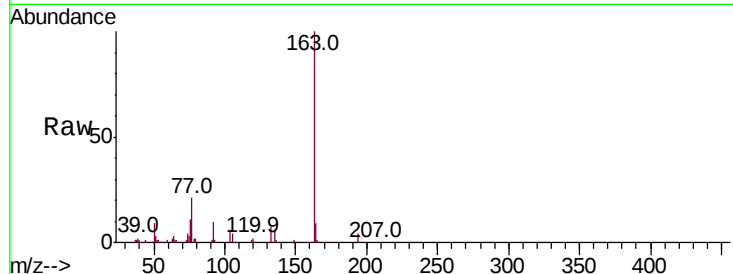
Tot Ion:163 Resp: 116177

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.8

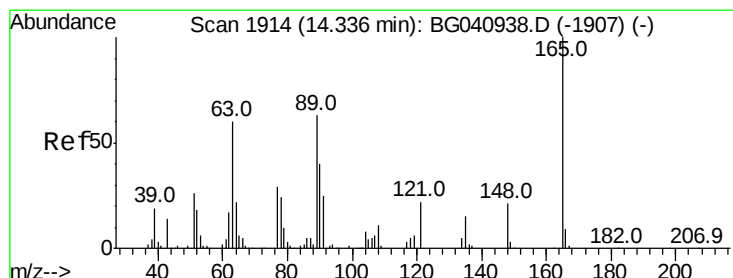
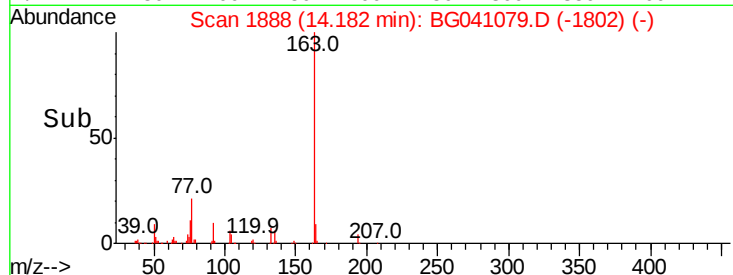
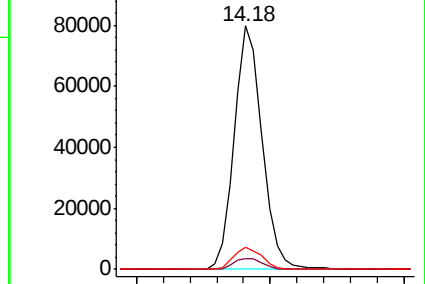
164 9.1 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 1096.735 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.15 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

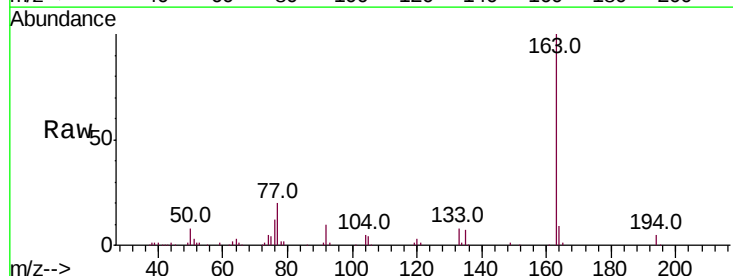
Tgt Ion:165 Resp: 1181

Ion Ratio Lower Upper

165 100

63 153.1 53.6 80.4#

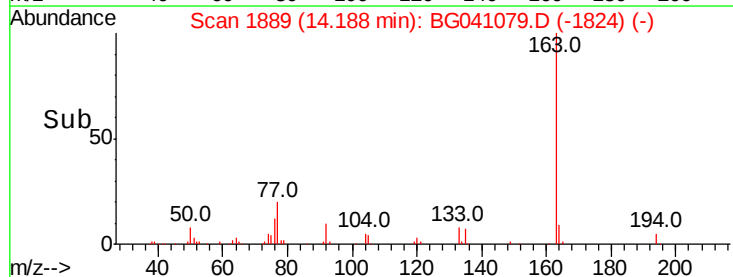
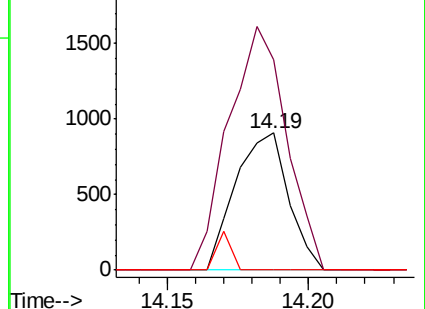
89 0.0 50.4 75.6#

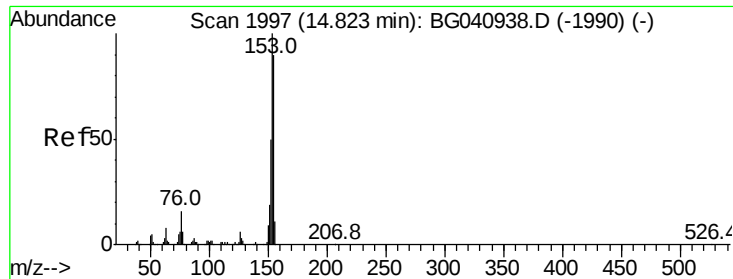


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 219.400 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

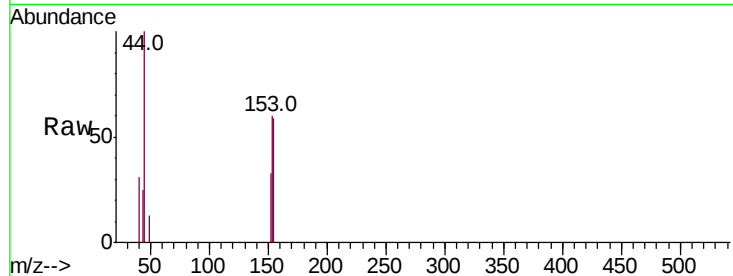
Tot Ion:154 Resp: 750

Ion Ratio Lower Upper

154 100

153 102.6 88.6 133.0

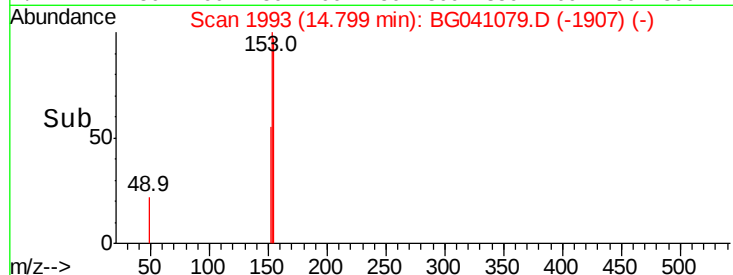
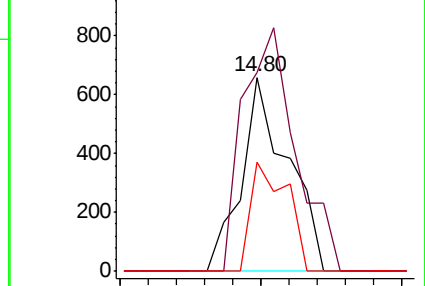
152 56.5 44.2 66.4



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



#55

Dibenzofuran

Concen: 166.725 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

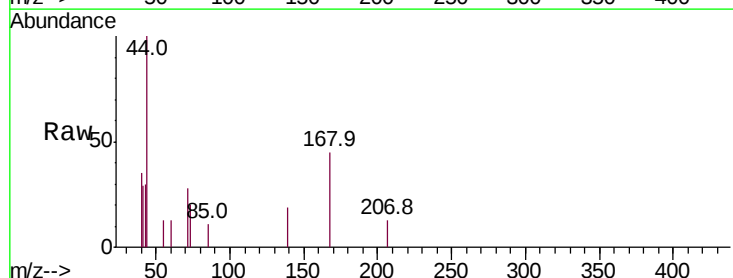
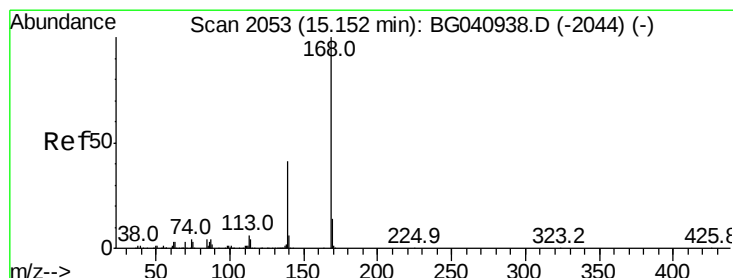
Tgt Ion:168 Resp: 959

Ion Ratio Lower Upper

168 100

139 43.2 32.8 49.2

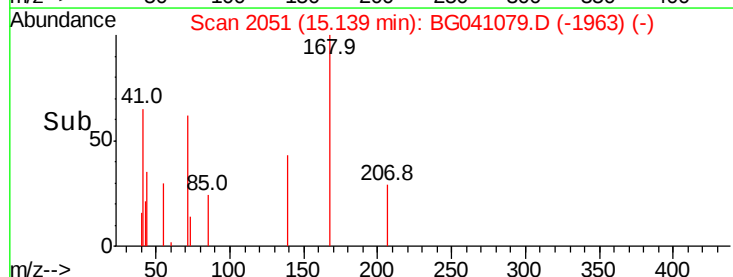
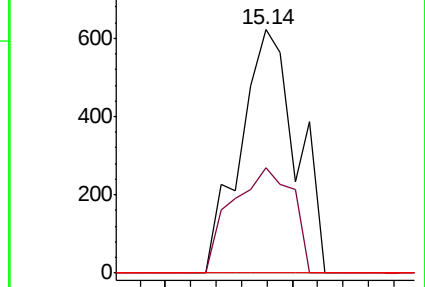
169 0.0 11.3 16.9#

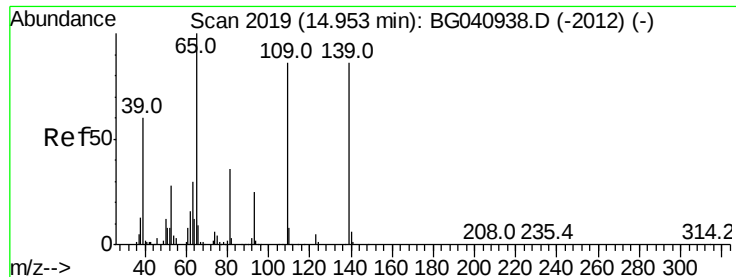


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

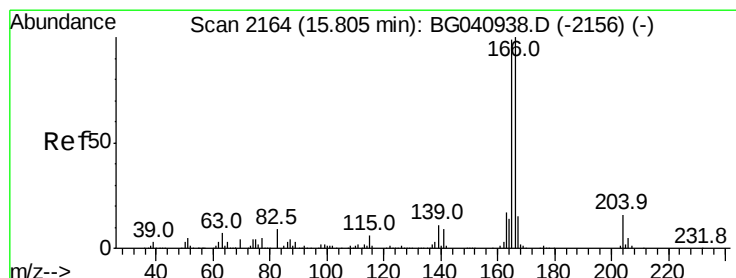
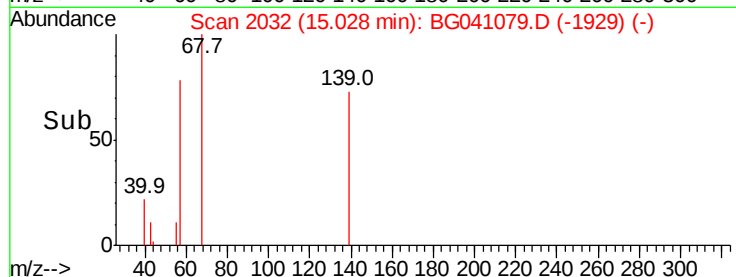
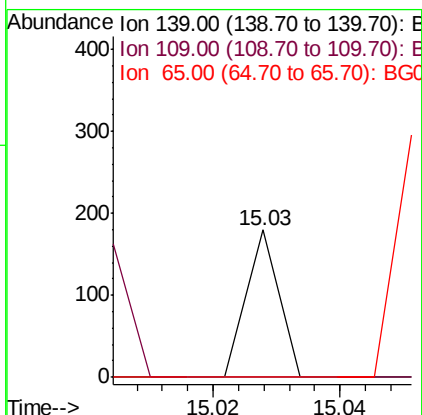
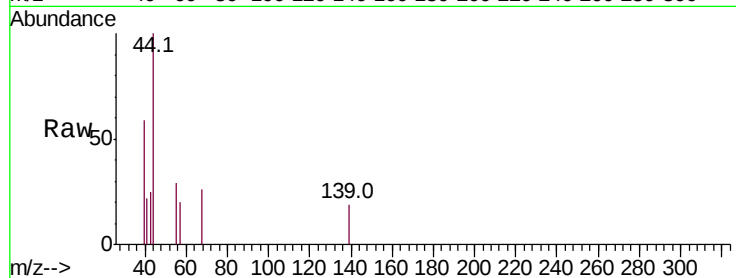




#56
4-Nitrophenol
Concen: 85.299 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.08 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

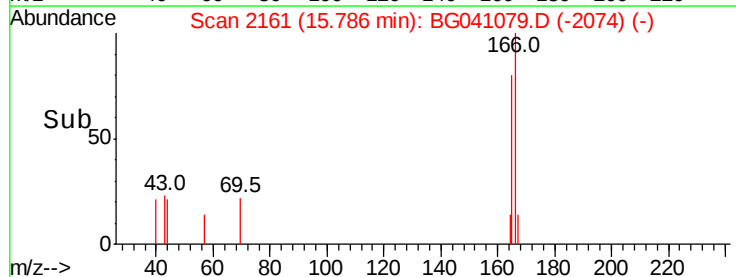
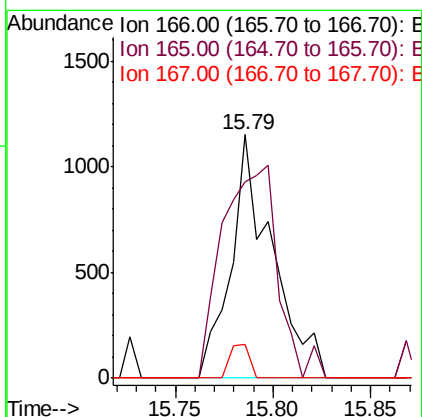
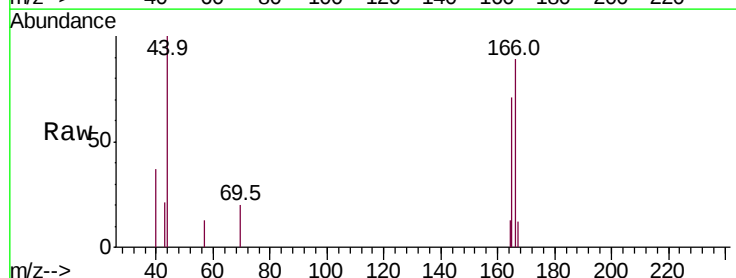
Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)RX

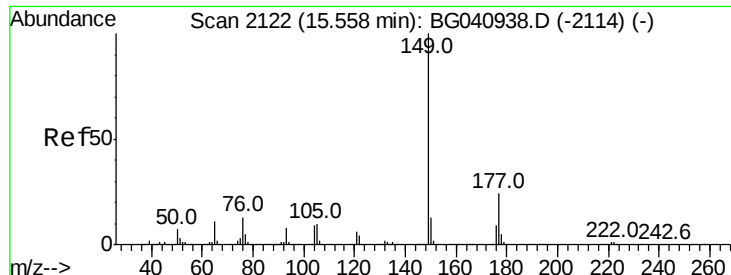
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	79.6	119.6#
65	0.0	96.9	136.9#



#58
Fluorene
Concen: 366.313 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	80.5	79.2	118.8
167	13.7	11.8	17.6





#60

Diethylphthalate

Concen: 91.428 ng

RT: 15.54 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

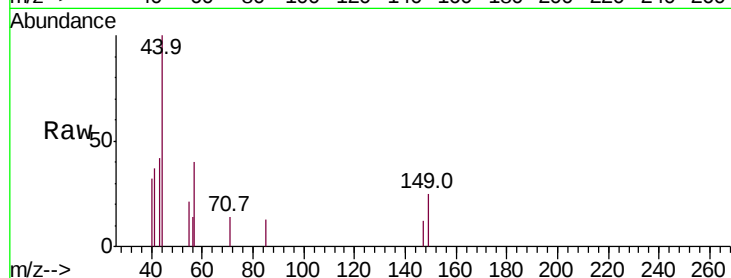
Tot Ion:149 Resp: 466

Ion Ratio Lower Upper

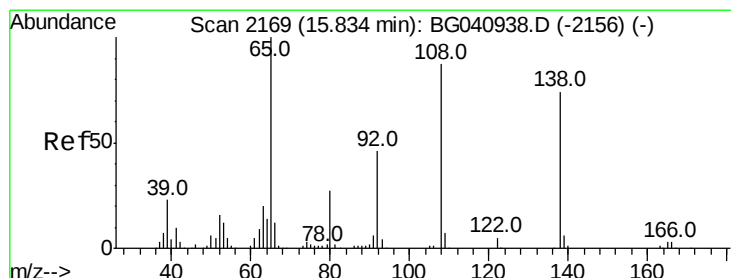
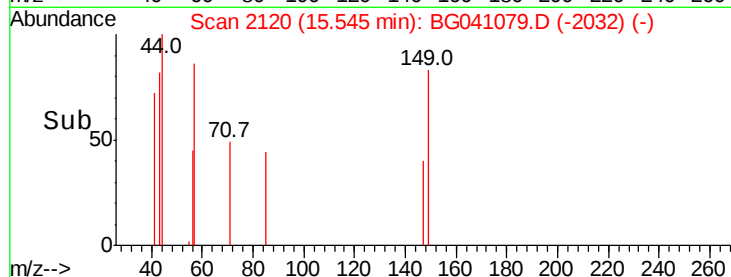
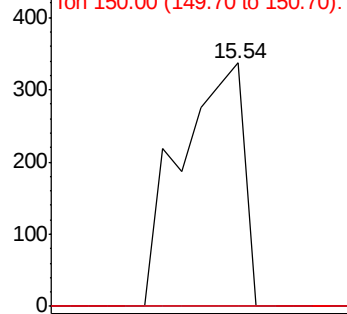
149 100

177 0.0 19.4 29.0#

150 0.0 10.3 15.5#



Abundance Ion 149.00 (148.70 to 149.70): E



#62

4-Nitroaniline

Concen: 109.651 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

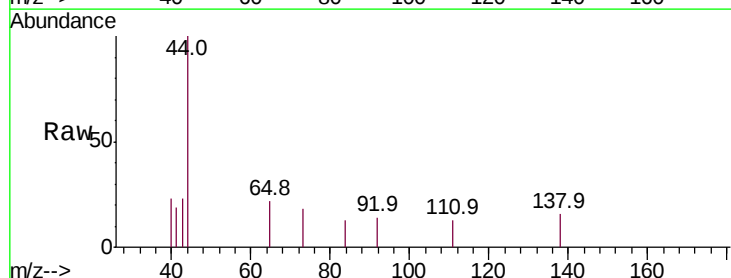
Tgt Ion:138 Resp: 125

Ion Ratio Lower Upper

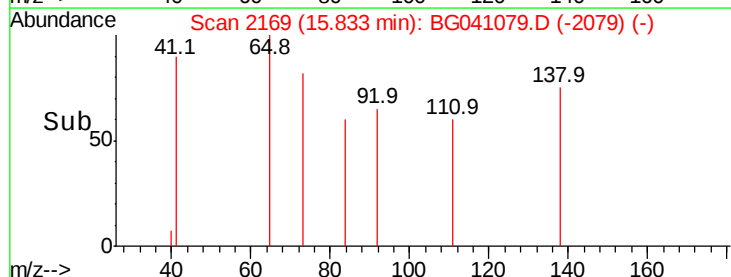
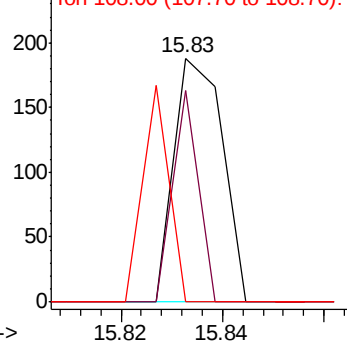
138 100

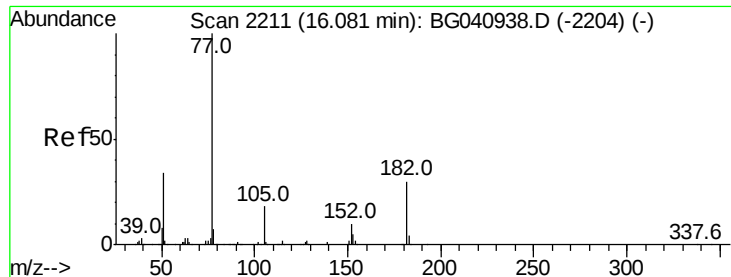
92 86.7 42.4 82.4#

108 0.0 96.9 136.9#



Abundance Ion 138.00 (137.70 to 138.70): E





#63

Azobenzene

Concen: 12.952 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

Tot Ion: 77 Resp: 60

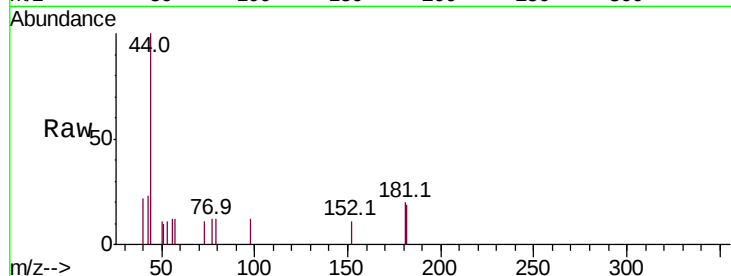
Ion Ratio Lower Upper

77 100

182 164.3 9.6 49.6#

105 0.0 0.0 37.5

51 88.9 13.7 53.7#

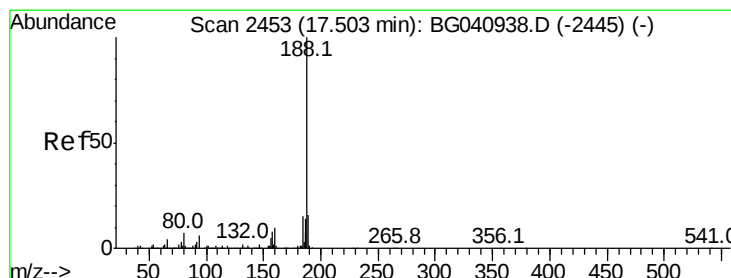
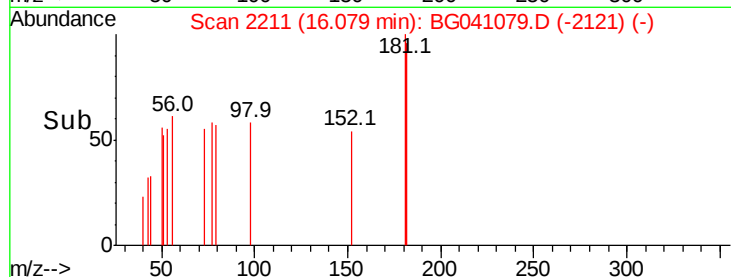
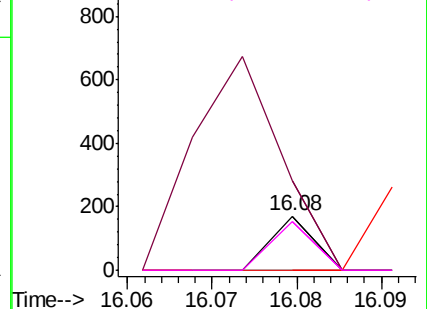


Abundance Ion 77.00 (76.70 to 77.70): BG0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

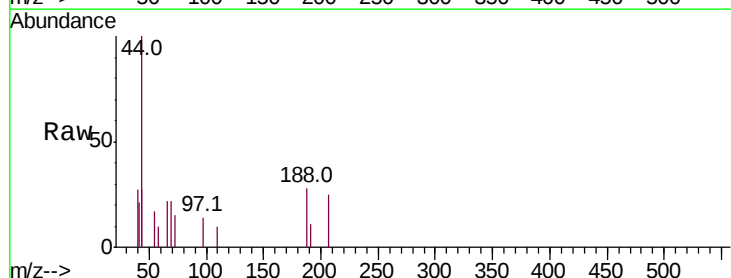
Tgt Ion: 188 Resp: 365

Ion Ratio Lower Upper

188 100

94 0.0 4.7 7.1#

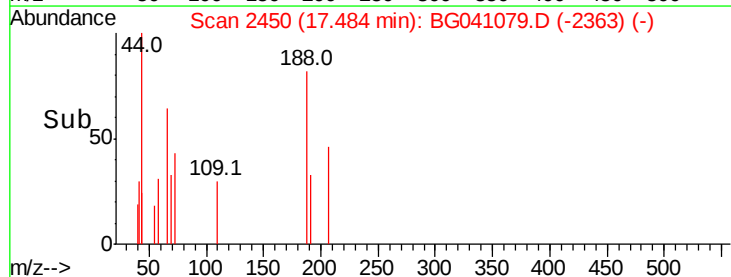
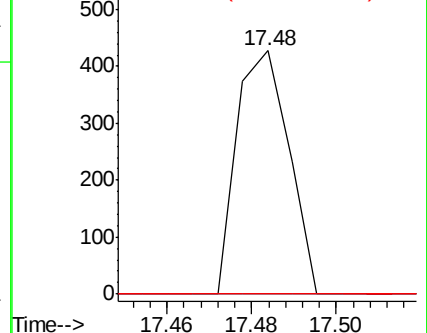
80 0.0 5.8 8.8#

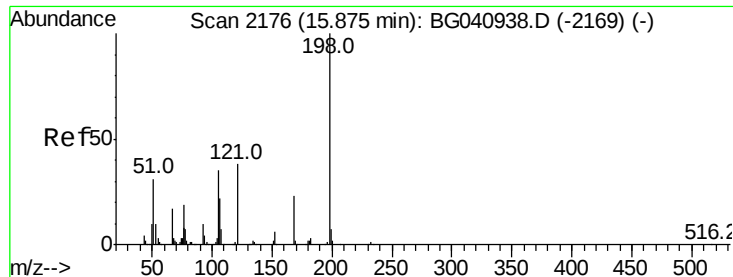


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#65

4,6-Dinitro-2-methylphenol

Concen: 310.834 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.35 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

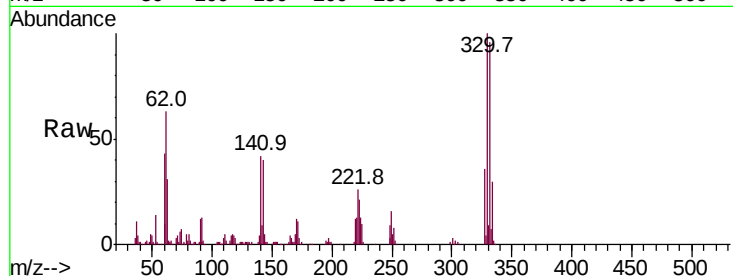
Tot Ion:198 Resp: 720

Ion Ratio Lower Upper

198 100

51 134.5 21.6 61.6#

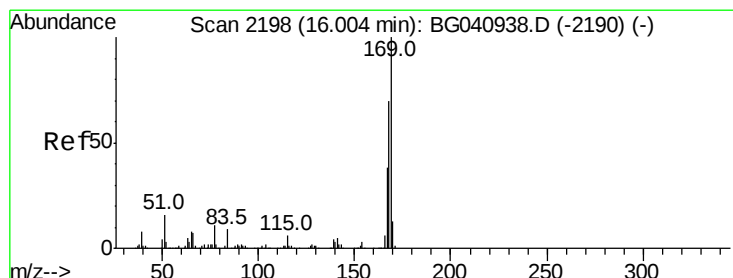
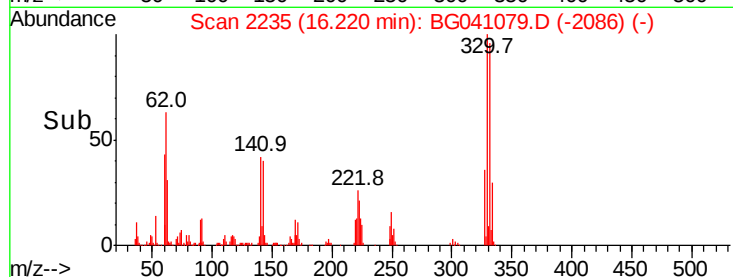
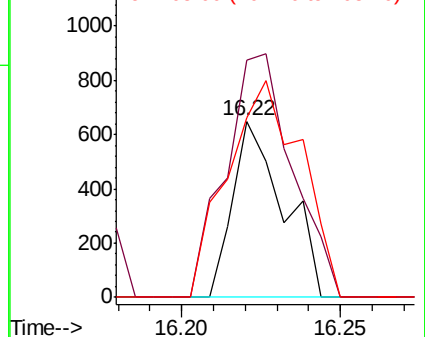
105 102.0 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 826.367 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.22 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

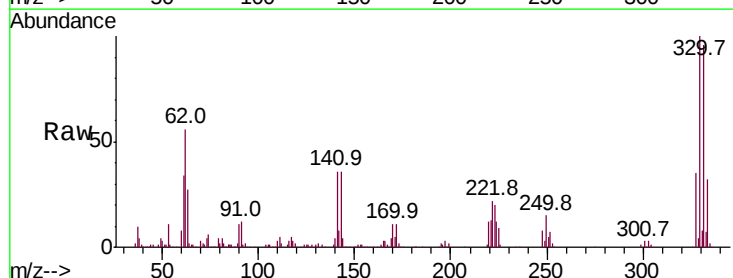
Tgt Ion:169 Resp: 8479

Ion Ratio Lower Upper

169 100

168 7.0 55.7 83.5#

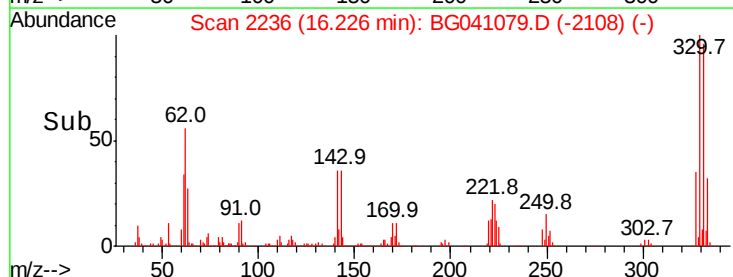
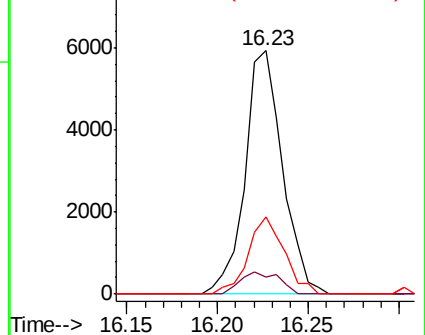
167 31.9 30.2 45.2

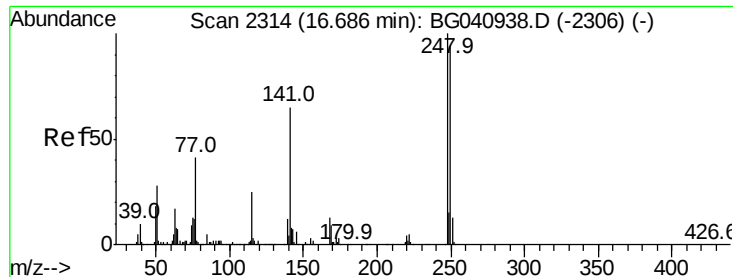


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

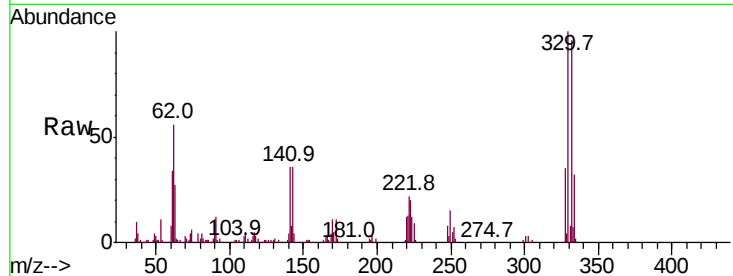




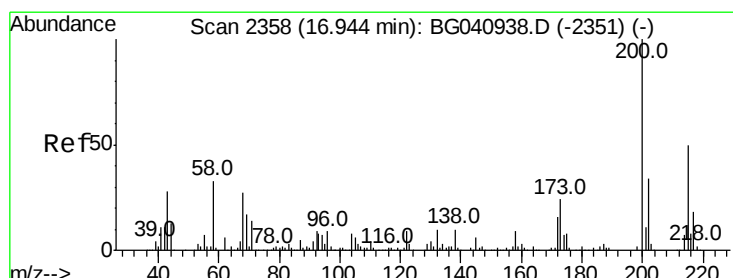
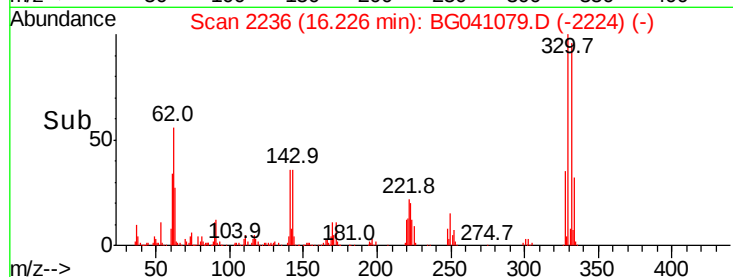
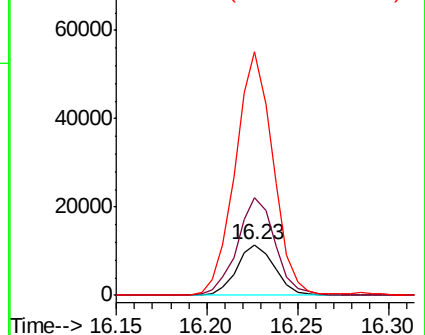
#67
4-Bromophenyl-phenylether
Concen: 3387.256 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.46 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)RX

Tot Ion:248 Resp: 16685
Ion Ratio Lower Upper
248 100
250 193.6 75.0 112.4#
141 480.3 52.4 78.6#

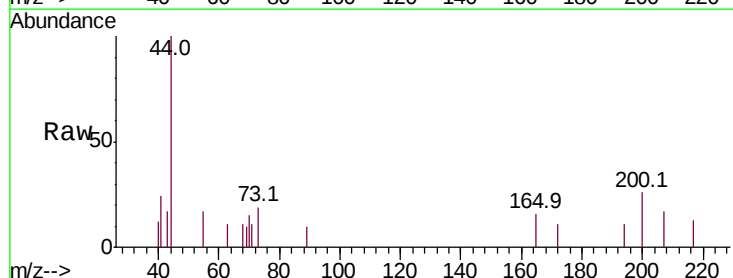


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

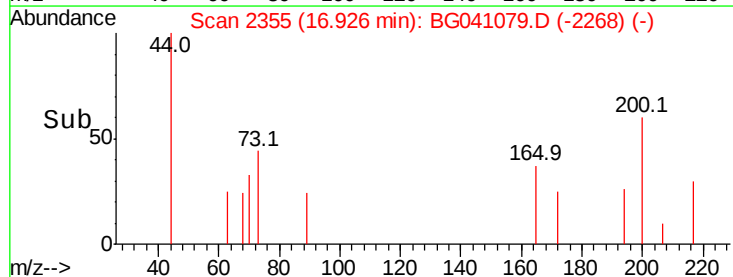
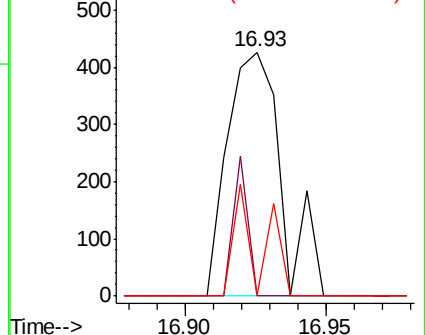


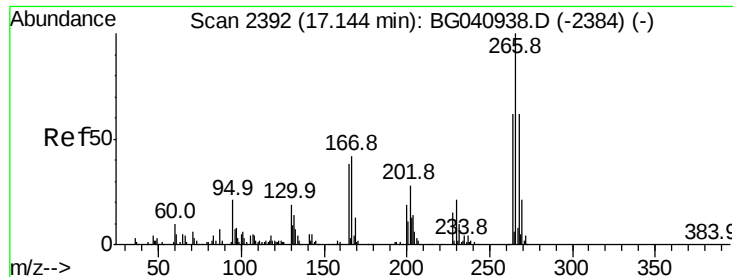
#69
Atrazine
Concen: 142.457 ng
RT: 16.93 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Tgt Ion:200 Resp: 564
Ion Ratio Lower Upper
200 100
173 0.0 3.6 43.6#
215 0.0 29.6 69.6#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 137.017 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

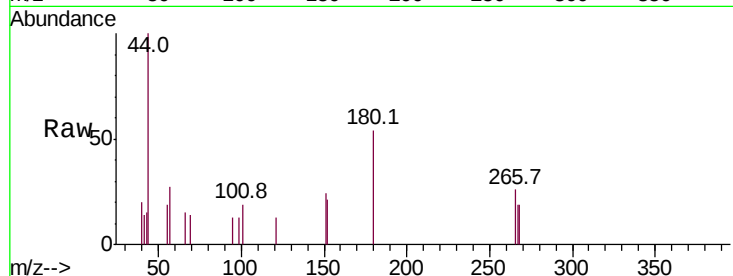
Tot Ion:266 Resp: 394

Ion Ratio Lower Upper

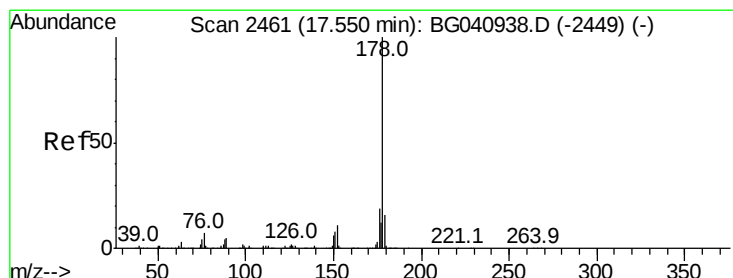
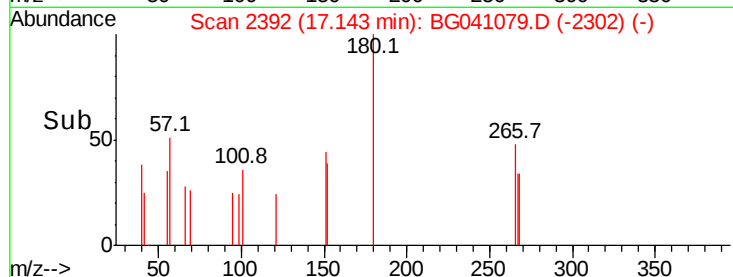
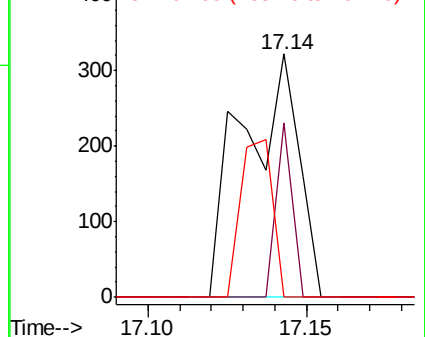
266 100

268 71.4 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



#71

Phenanthrene

Concen: 1554.679 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

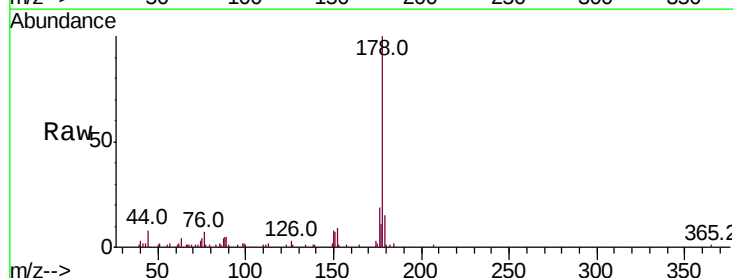
Tgt Ion:178 Resp: 29558

Ion Ratio Lower Upper

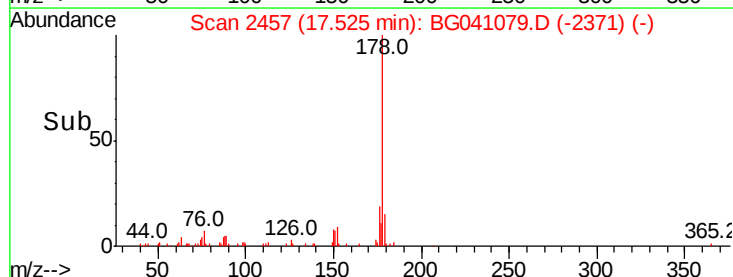
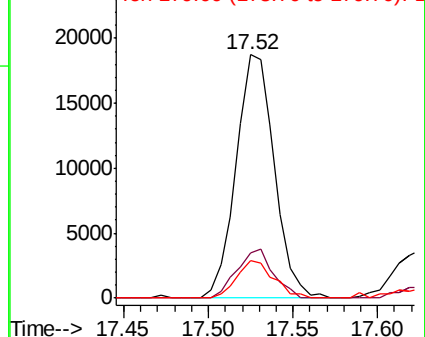
178 100

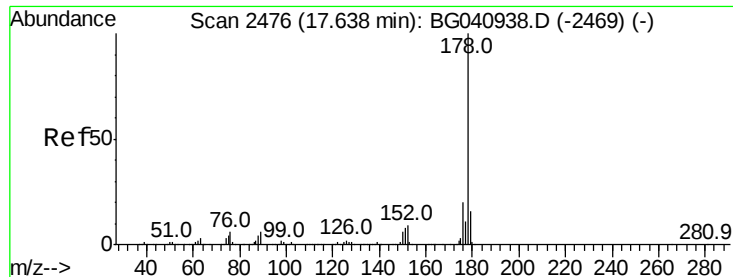
176 18.7 15.5 23.3

179 15.3 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: 314.859 ng

RT: 17.62 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

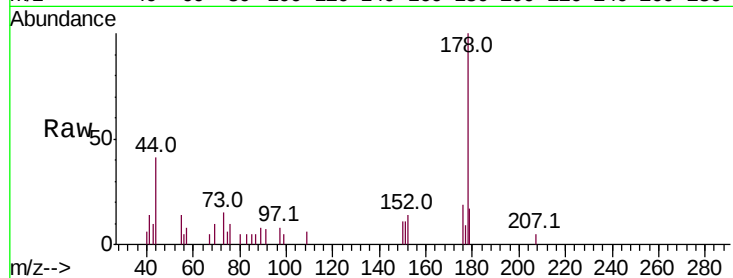
Tot Ion:178 Resp: 5904

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

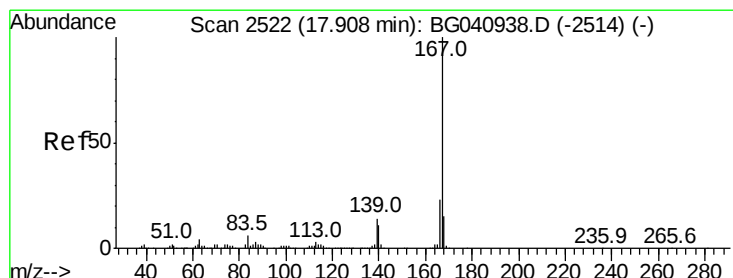
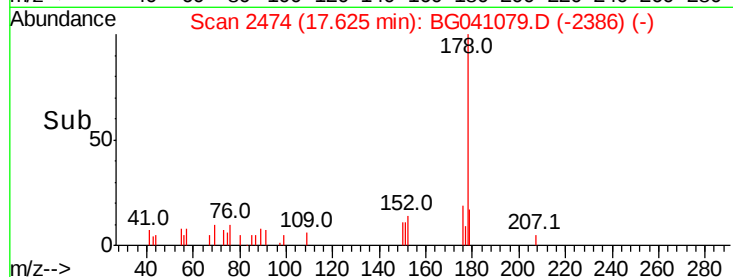
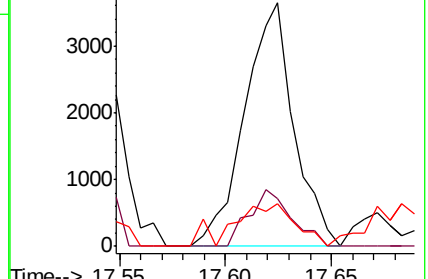
179 17.4 13.0 19.4



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: 283.480 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

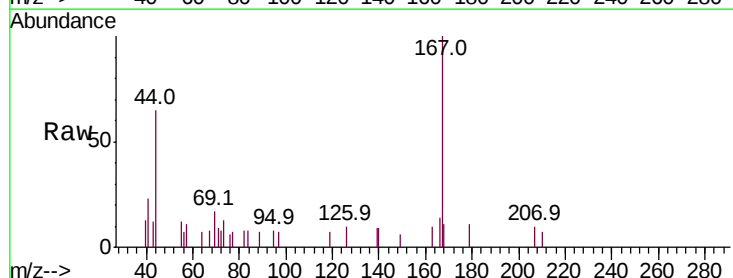
Tgt Ion:167 Resp: 4561

Ion Ratio Lower Upper

167 100

166 13.8 18.2 27.4#

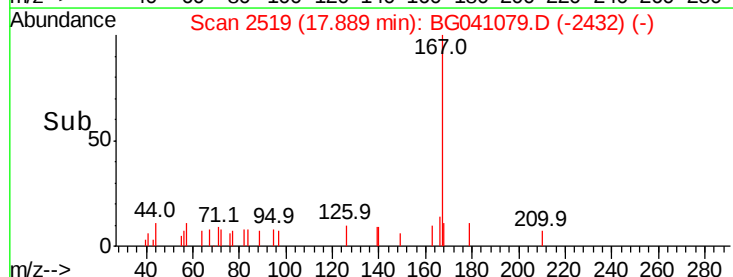
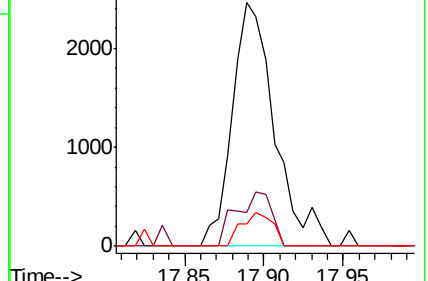
139 9.3 10.8 16.2#

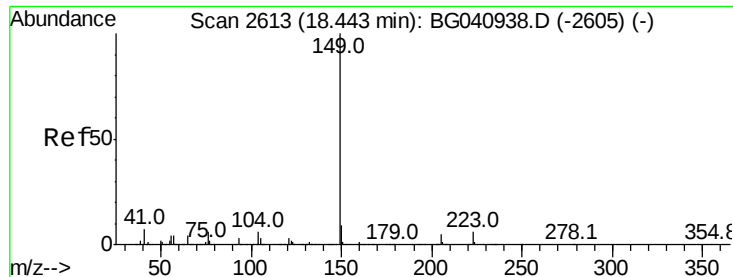


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 140.520 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

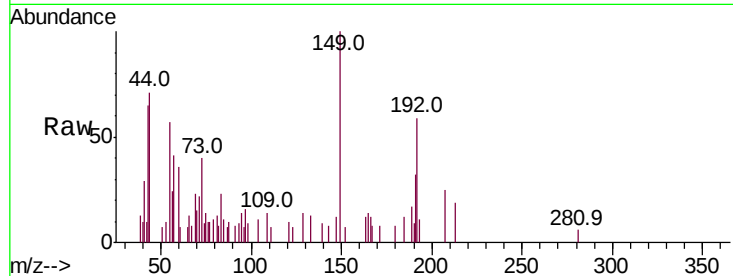
Tot Ion:149 Resp: 2810

Ion Ratio Lower Upper

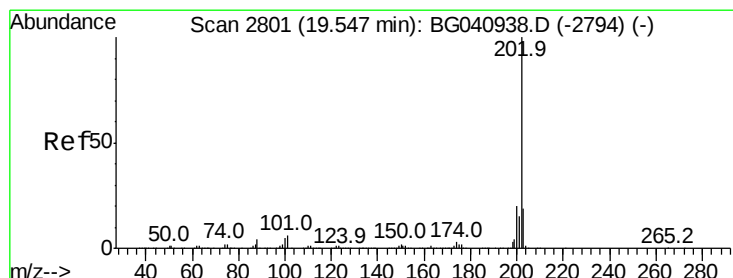
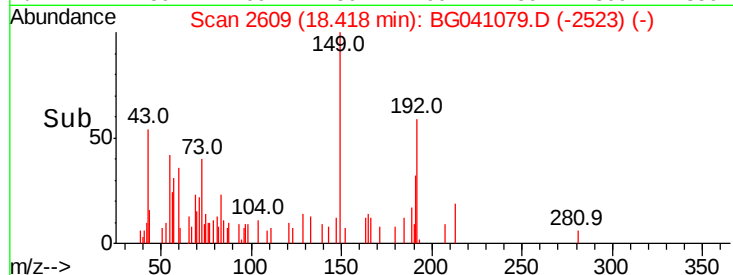
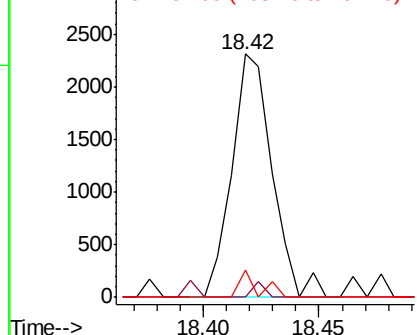
149 100

150 0.0 7.4 11.2#

104 11.5 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 3738.777 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

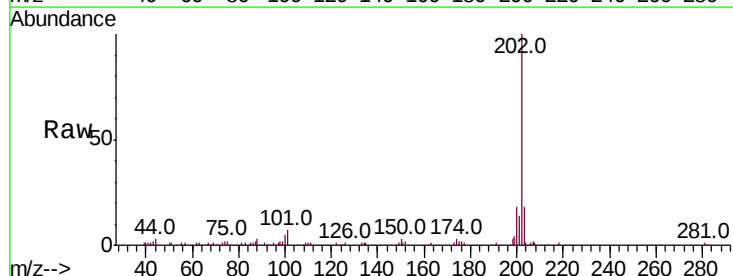
Tgt Ion:202 Resp: 87799

Ion Ratio Lower Upper

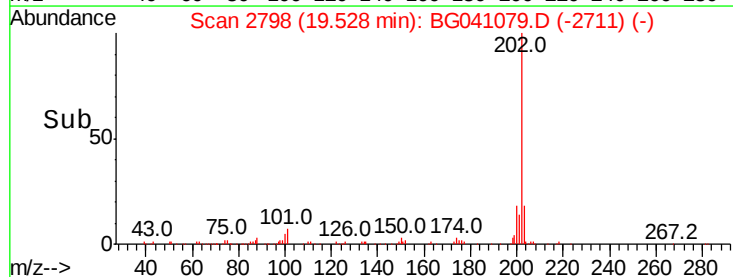
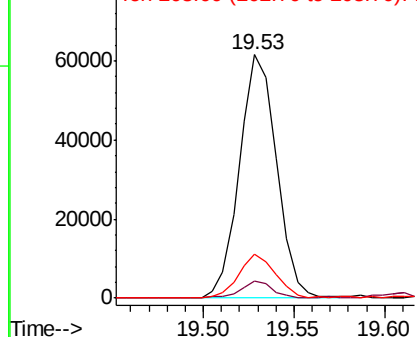
202 100

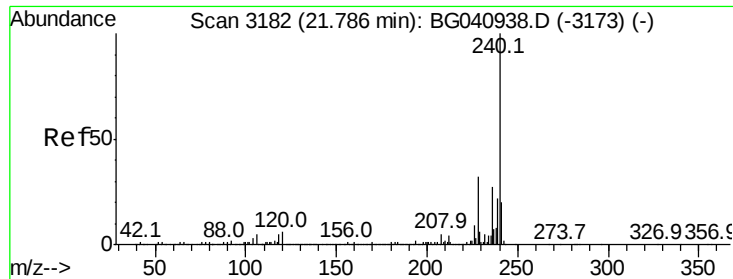
101 6.9 0.0 26.2

203 17.9 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

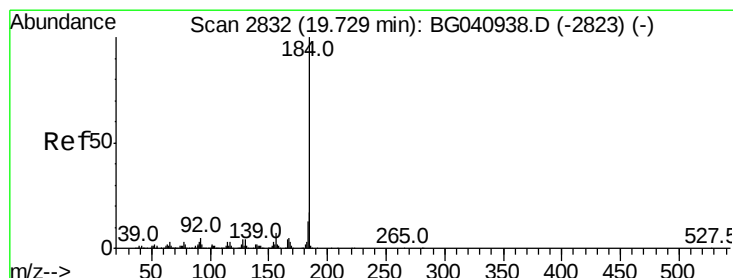
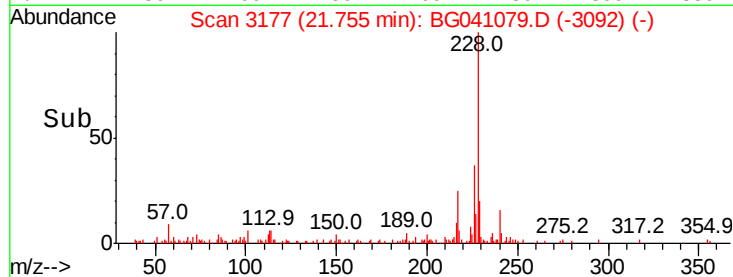
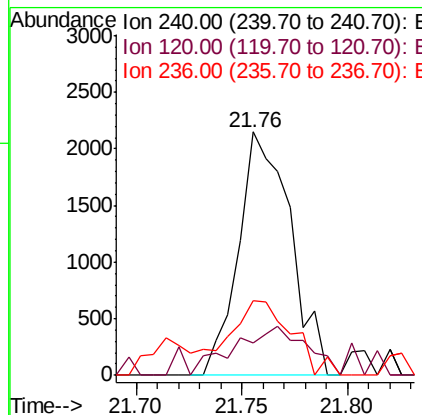
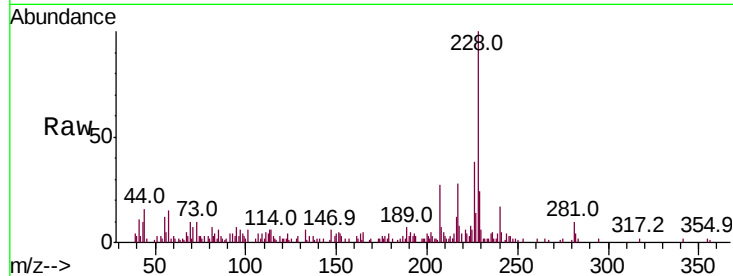




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.03 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

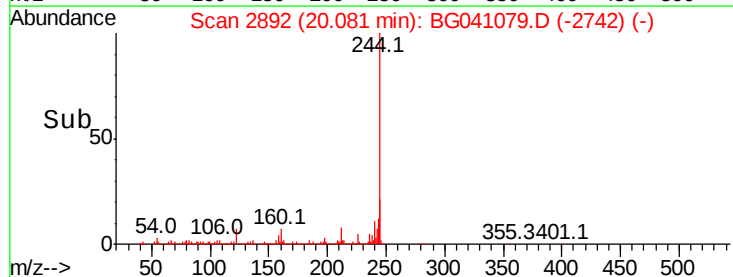
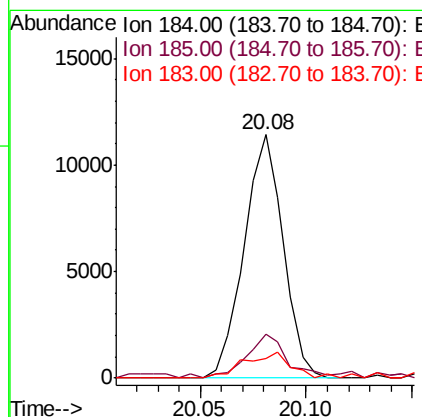
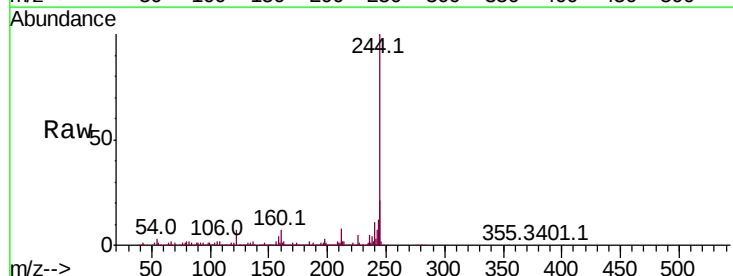
Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)RX

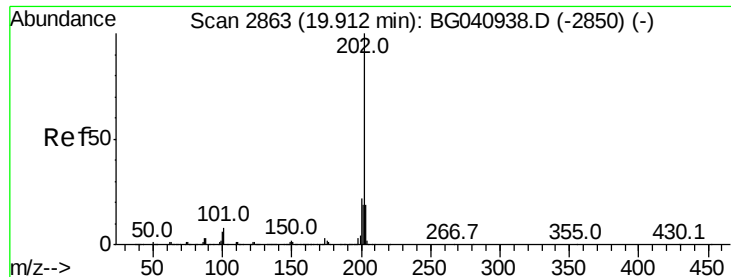
Tot Ion:240 Resp: 3657
 Ion Ratio Lower Upper
 240 100
 120 13.1 4.5 6.7#
 236 30.8 21.3 31.9



#77
 Benzidine
 Concen: 167.322 ng
 RT: 20.08 min Scan# 2892
 Delta R.T. 0.35 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

Tgt Ion:184 Resp: 14597
 Ion Ratio Lower Upper
 184 100
 185 17.9 13.3 19.9
 183 8.2 10.7 16.1#





#78

Pvrene

Concen: 345.241 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

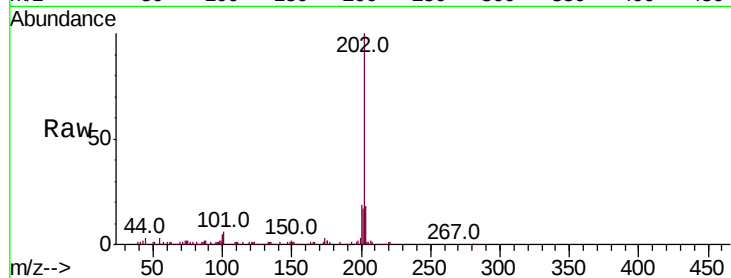
Tot Ion:202 Resp: 82074

Ion Ratio Lower Upper

202 100

200 19.3 17.5 26.3

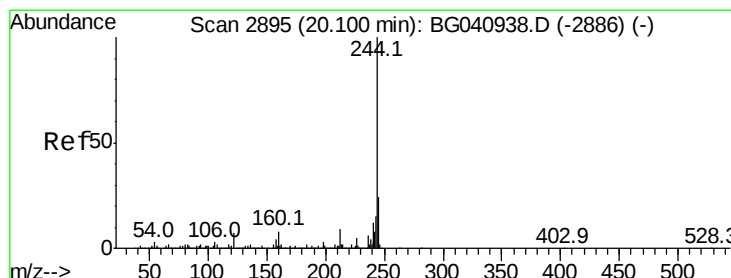
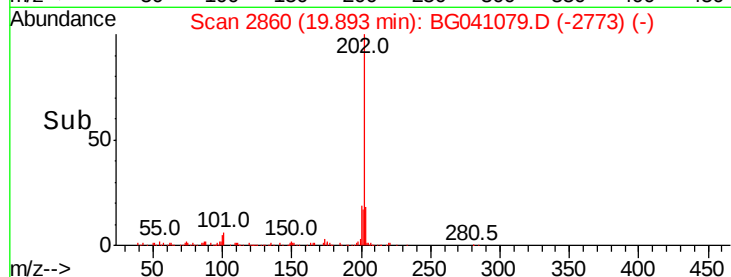
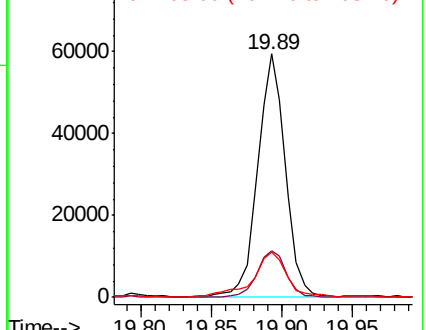
203 18.3 15.6 23.4



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: 5240.647 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

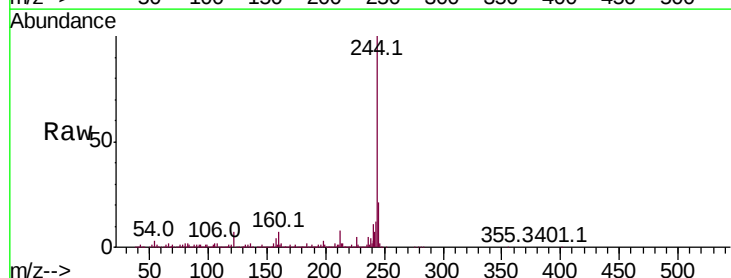
Tgt Ion:244 Resp: 903013

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

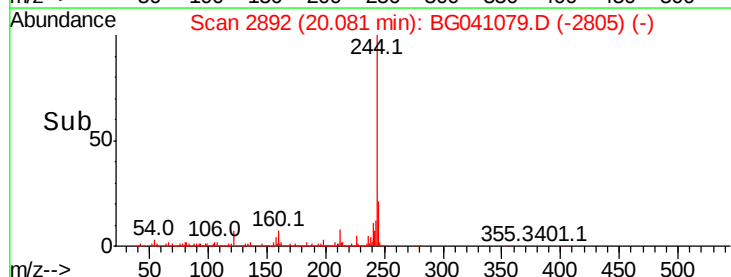
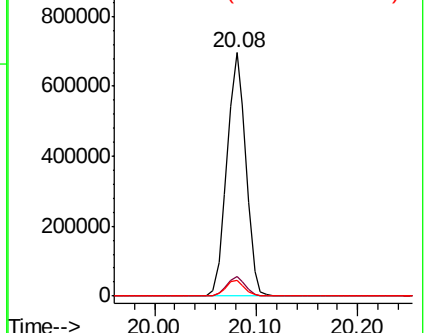
122 6.6 5.4 8.0

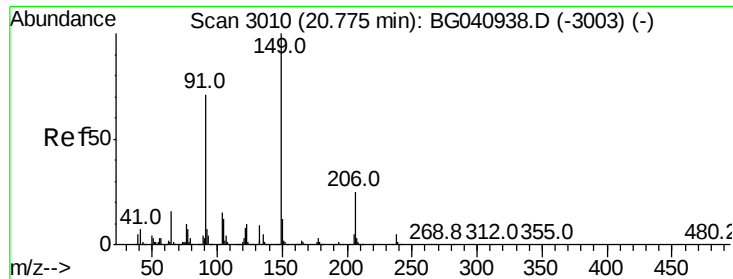


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

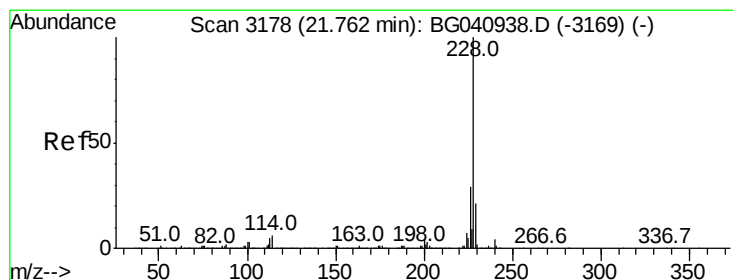
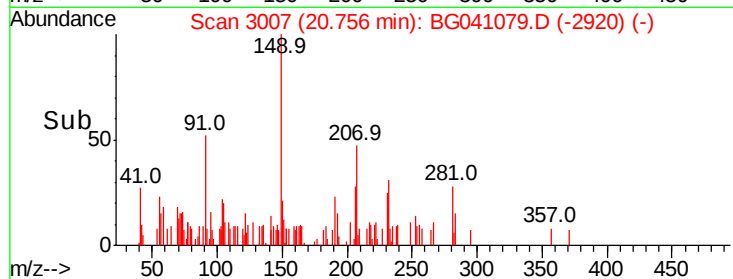
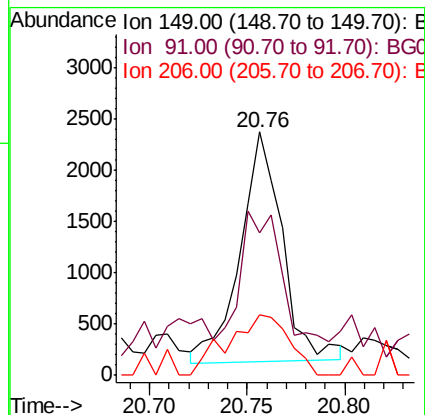
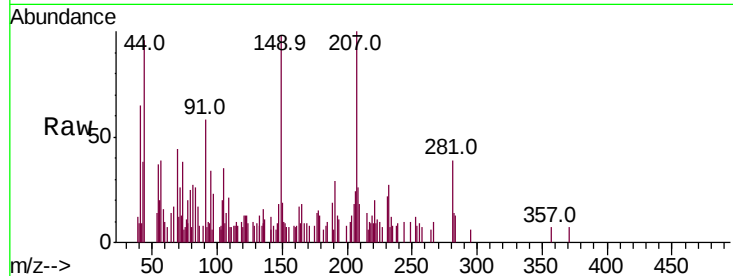




#80
Butylbenzylphthalate
Concen: 36.135 ng
RT: 20.76 min Scan# 3007
Delta R.T. -0.02 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

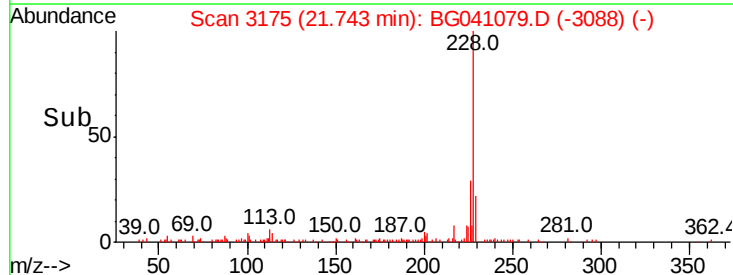
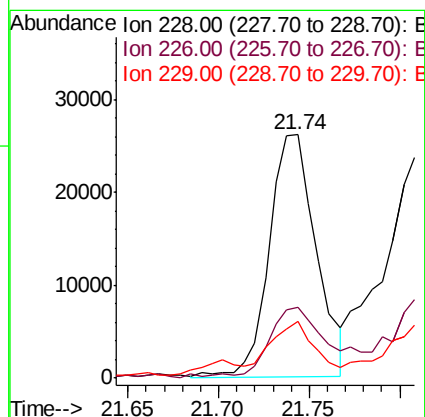
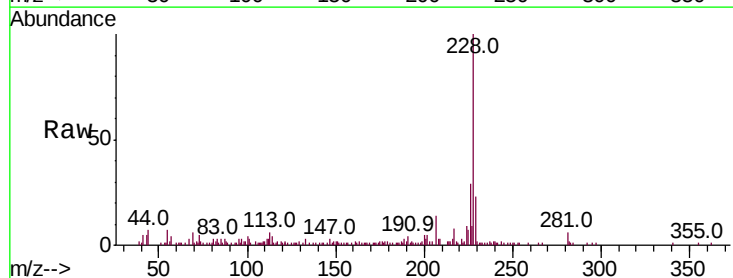
Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)RX

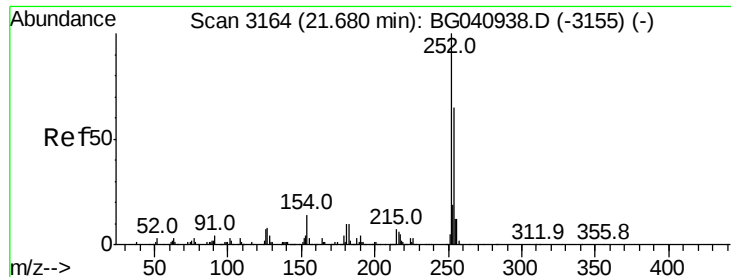
Tot Ion:149 Resp: 3343
Ion Ratio Lower Upper
149 100
91 58.8 56.5 84.7
206 24.9 20.3 30.5



#81
Benzo(a)anthracene
Concen: 194.386 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Tgt Ion:228 Resp: 47320
Ion Ratio Lower Upper
228 100
226 29.0 23.5 35.3
229 23.4 16.7 25.1

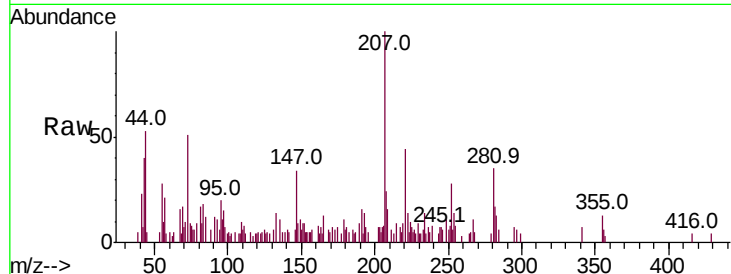




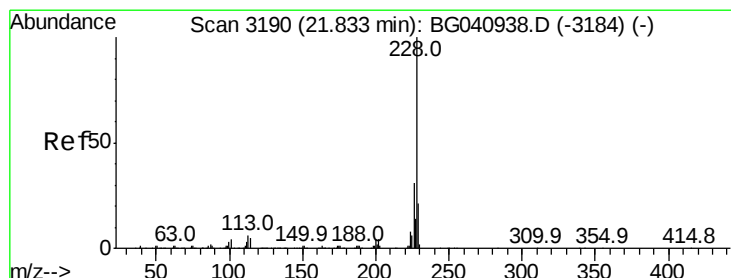
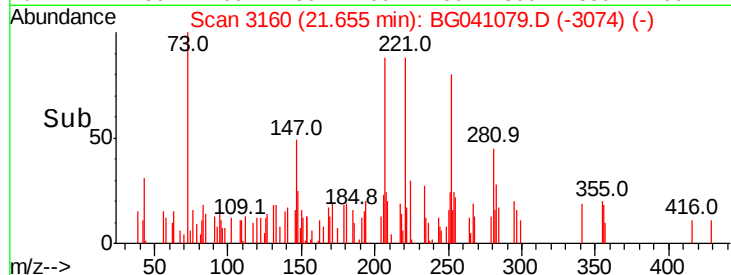
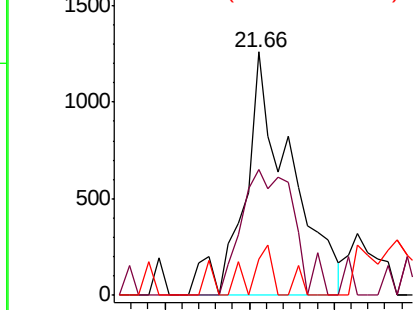
#82
 3,3'-Dichlorobenzidine
 Concen: 27.890 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)RX

Tot Ion:252 Resp: 2388
 Ion Ratio Lower Upper
 252 100
 254 51.6 52.1 78.1#
 126 14.7 5.5 8.3#

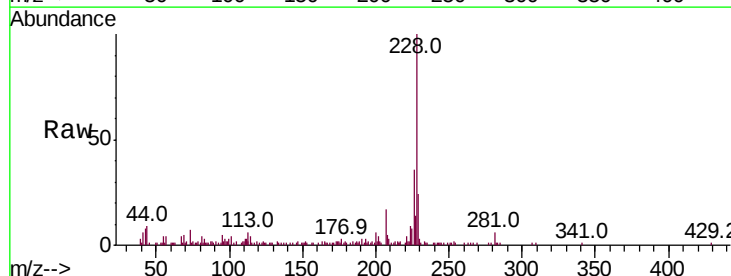


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

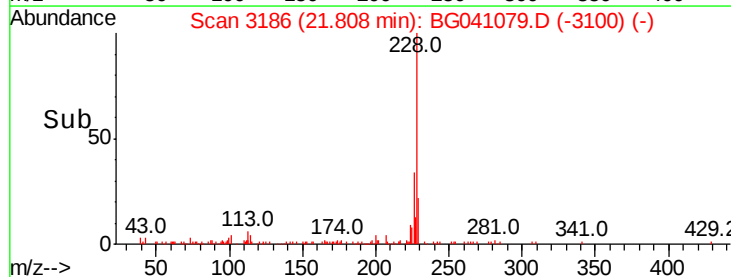
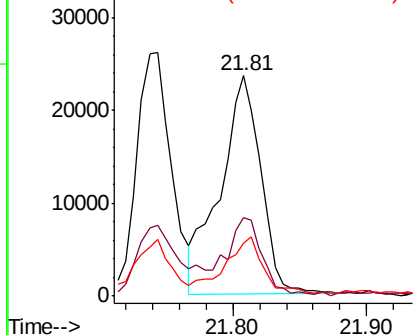


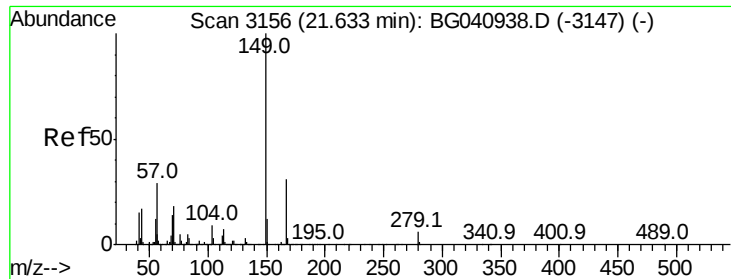
#83
 Chrysene
 Concen: 215.153 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

Tgt Ion:228 Resp: 50121
 Ion Ratio Lower Upper
 228 100
 226 35.5 24.6 37.0
 229 24.3 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 98.615 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

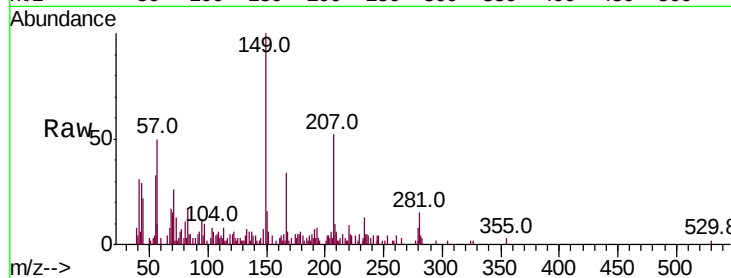
Tot Ion:149 Resp: 12843

Ion Ratio Lower Upper

149 100

167 34.0 24.6 37.0

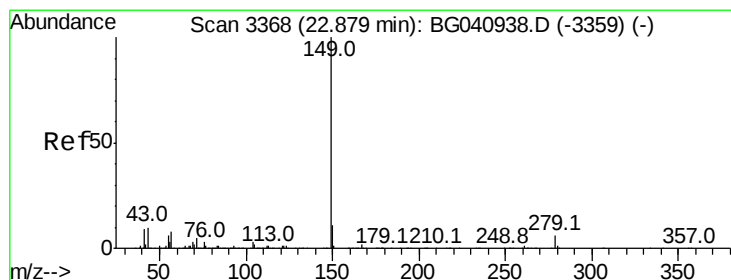
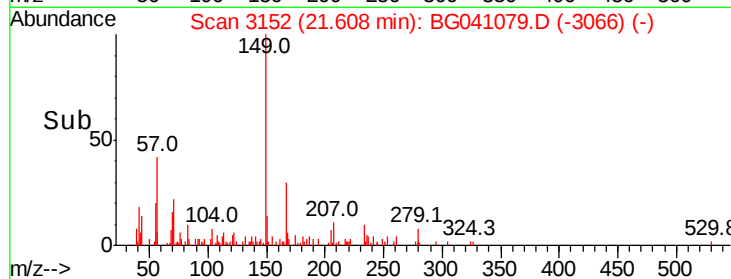
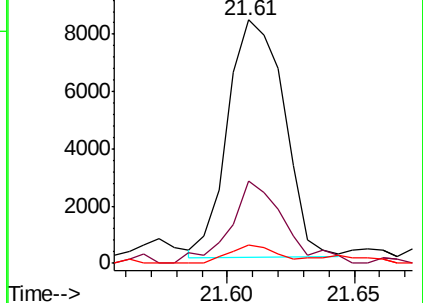
279 7.8 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 56.248 ng

RT: 22.85 min Scan# 3364

Delta R.T. -0.02 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

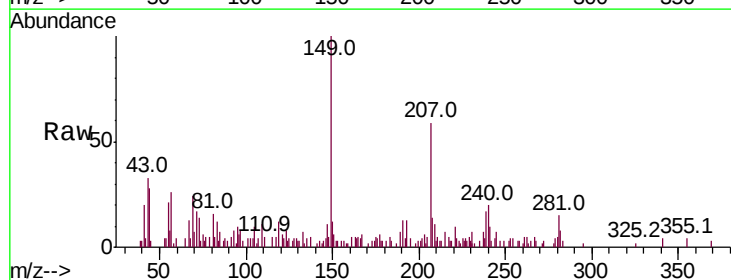
Tgt Ion:149 Resp: 12200

Ion Ratio Lower Upper

149 100

167 8.3 1.4 2.0#

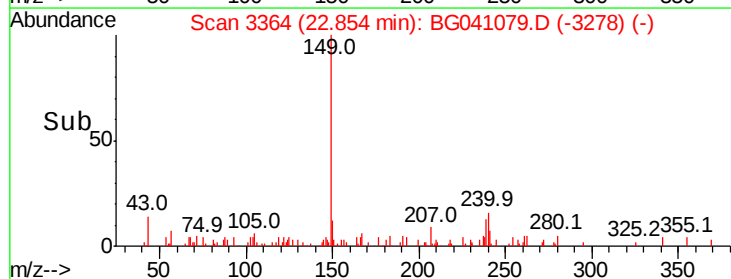
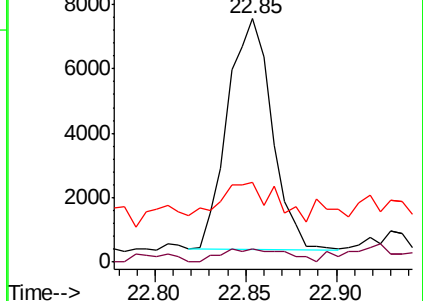
43 21.3 8.1 12.1#

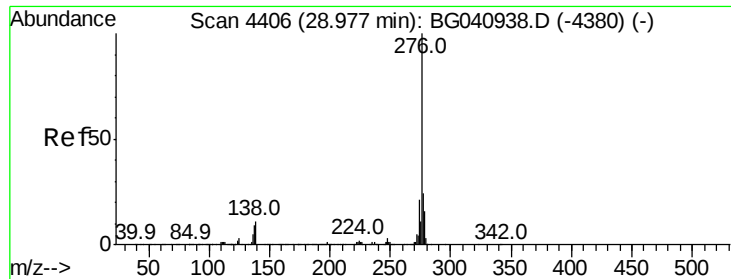


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

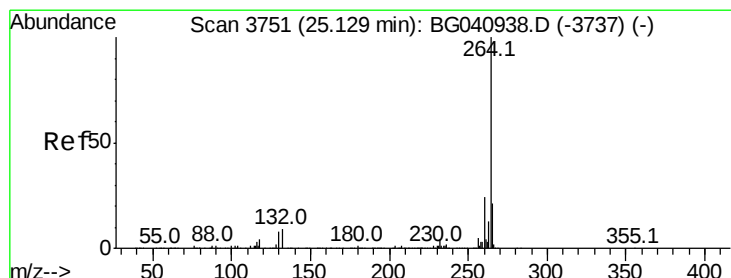
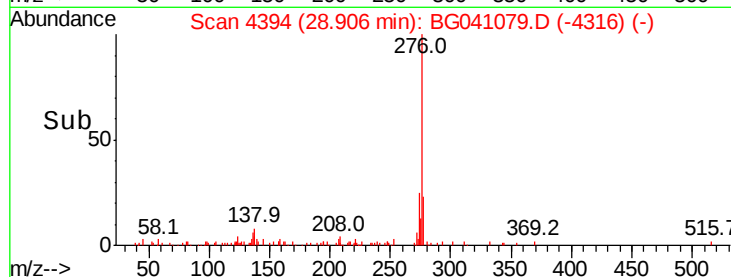
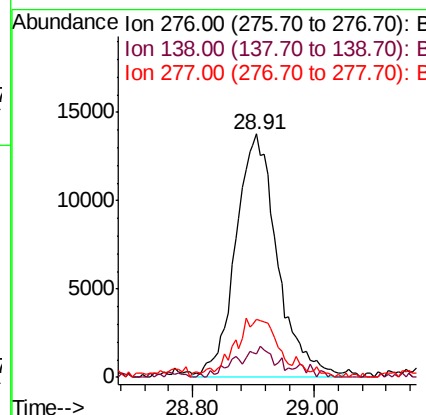
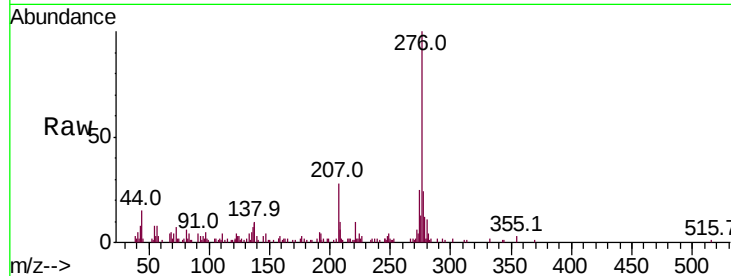




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 231.213 ng
 RT: 28.91 min Scan# 4394
 Delta R.T. -0.07 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

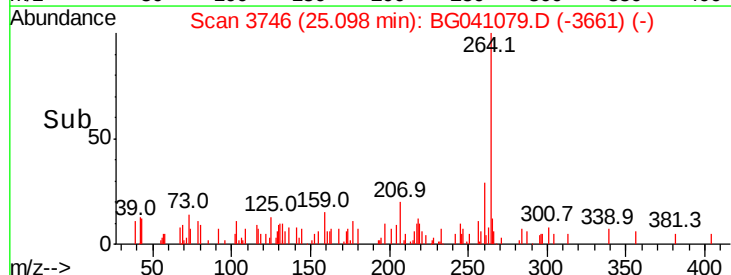
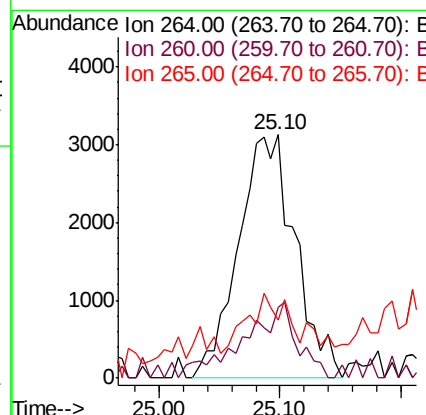
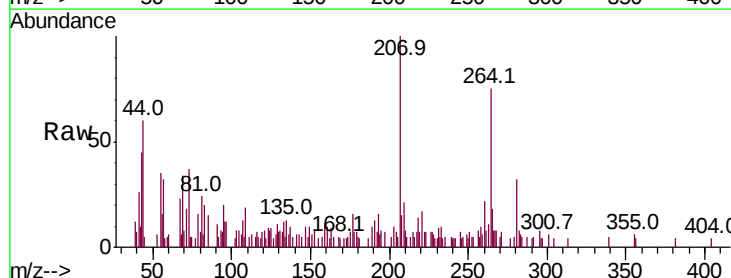
Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)RX

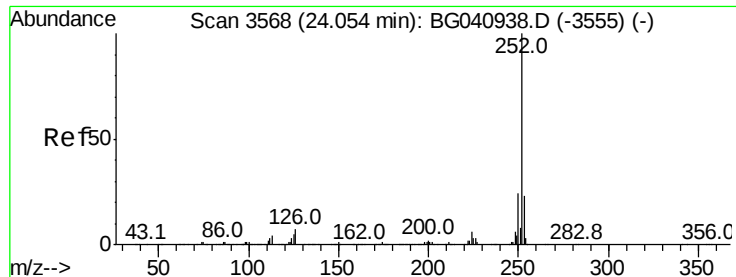
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.3	5.7	8.5
277	0.0	20.8	31.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3746
 Delta R.T. -0.03 min
 Lab File: BG041079.D
 Acq: 5 Jun 2019 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	29.0	19.0	28.4#
265	23.8	17.0	25.4

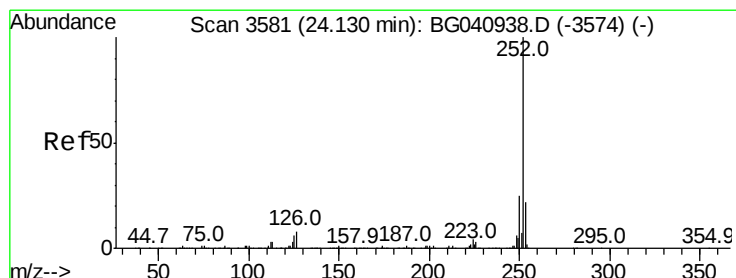
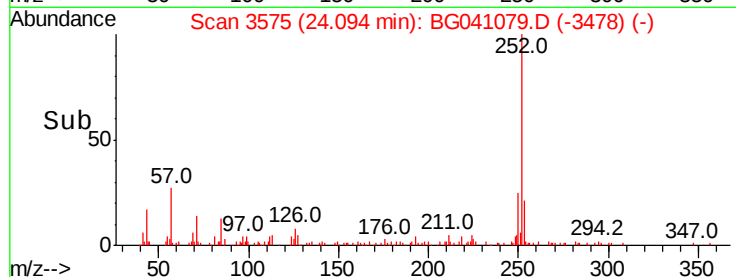
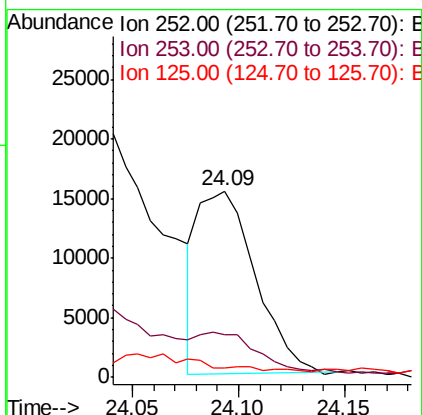
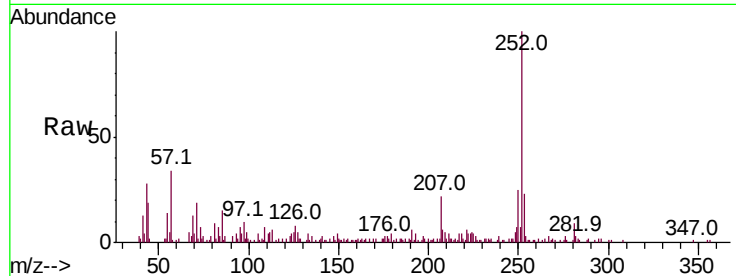




#88
Benzo(b)fluoranthene
Concen: 46.335 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.04 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

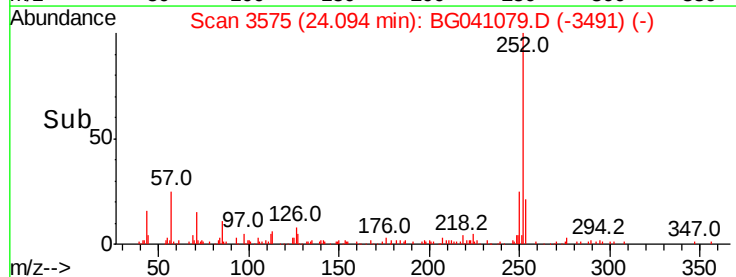
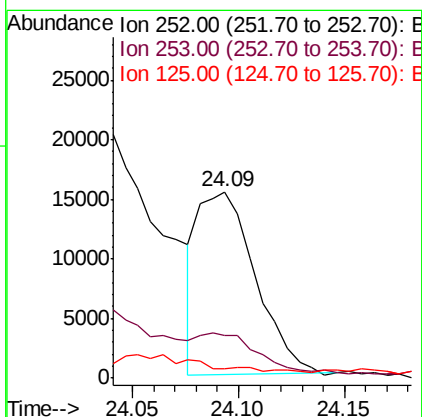
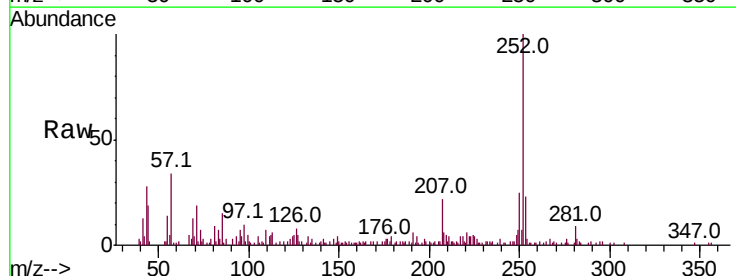
Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)RX

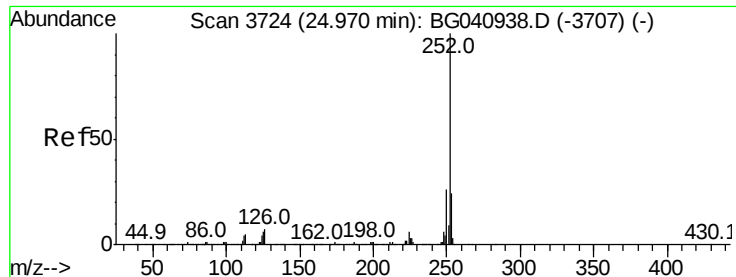
Tot Ion:252 Resp: 28638
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 4.7 4.3 6.5



#89
Benzo(k)fluoranthene
Concen: 46.824 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Tgt Ion:252 Resp: 28638
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 4.7 4.7 7.1

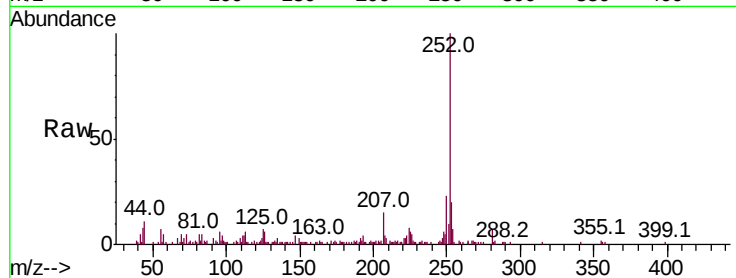




#90
Benzo(a)pyrene
Concen: 99.806 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.04 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	19.5	29.3
125	7.3	5.1	7.7

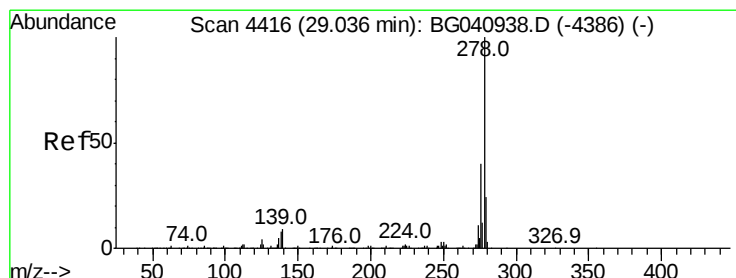
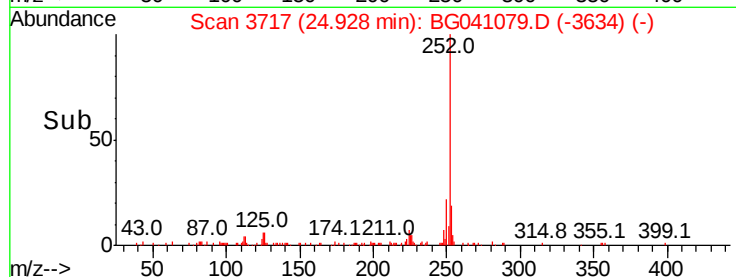
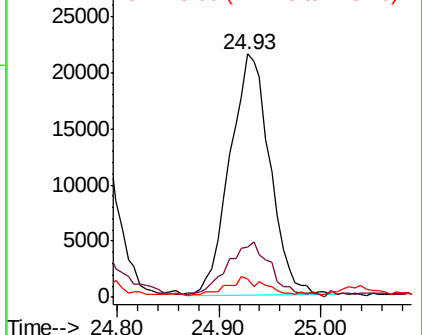


Abundance

Ion 252.00 (251.70 to 252.70): E

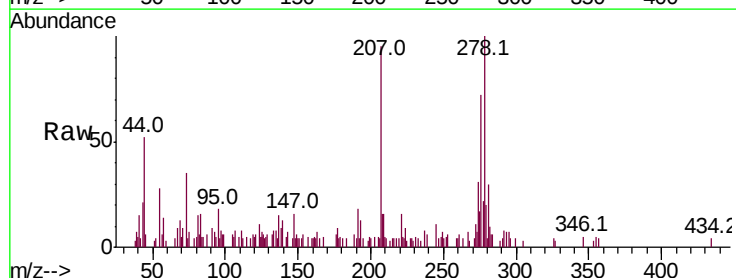
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 19.572 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.08 min
Lab File: BG041079.D
Acq: 5 Jun 2019 19:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	7.1	10.7#
279	20.5	19.4	29.2

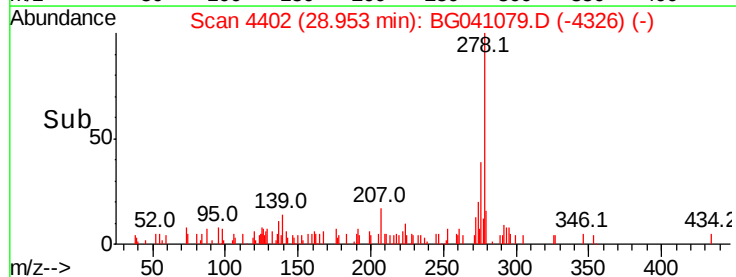
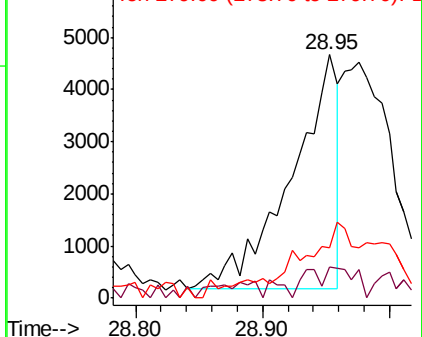


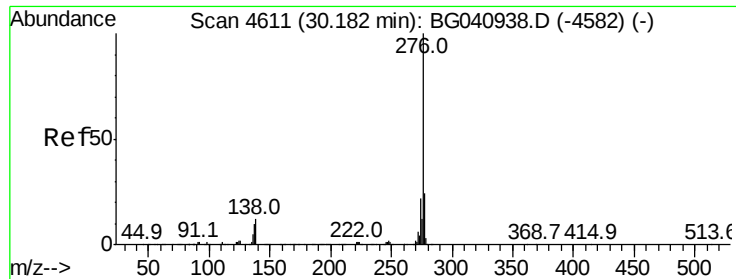
Abundance

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: 103.545 ng

RT: 30.11 min Scan# 4599

Delta R.T. -0.07 min

Lab File: BG041079.D

Acq: 5 Jun 2019 19:31

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)RX

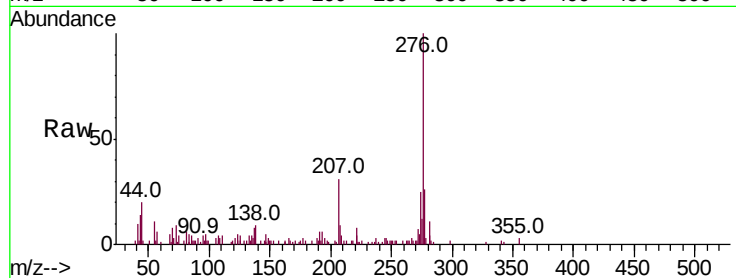
Tot Ion:276 Resp: 59272

Ion Ratio Lower Upper

276 100

277 26.1 19.4 29.0

138 8.8 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

