

Data File : BG041063.D
Acq On : 4 Jun 2019 18:14
Operator : HP/JU
Sample : K3076-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 05 05:23:45 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

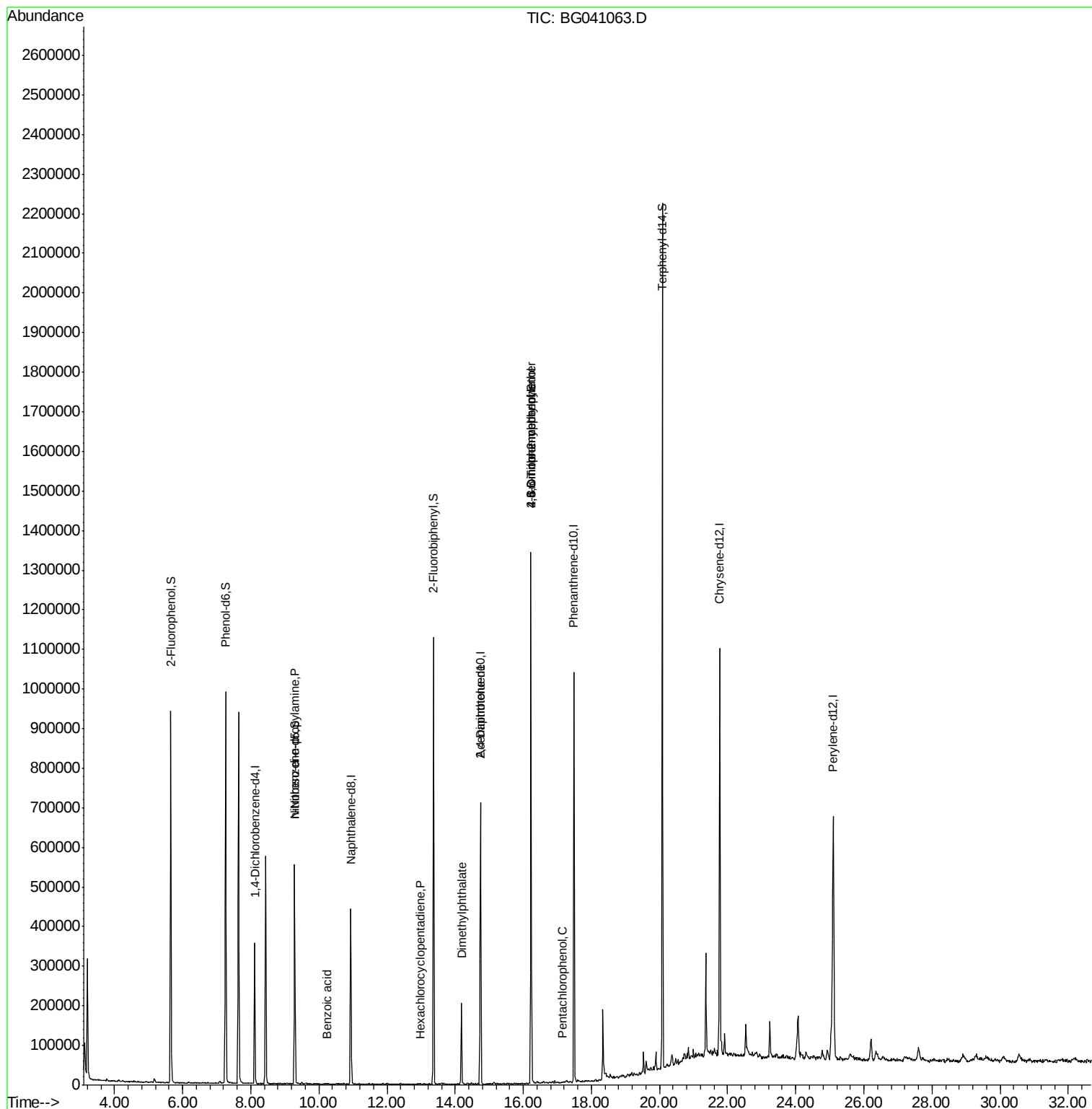
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	92334	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	352329	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	254117	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	643475	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	632745	20.00	ng	-0.02
87) Perylene-d12	25.10	264	696106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	361232	70.55	ng	0.00
7) Phenol-d6	7.26	99	521040	65.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	340775	42.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	256942	68.11	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	579642	32.85	ng	-0.02
79) Terphenyl-d14	20.08	244	1013037	33.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	49208	8.086	ng	# 75
32) Benzoic acid	10.22	122	72	8.144	ng	# 35
41) Hexachlorocyclopentadiene	12.98	237	73	8.247	ng	# 26
50) Dimethylphthalate	14.18	163	127971	5.949	ng	98
57) 2,4-Dinitrotoluene	14.75	165	32439	4.951	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.22	198	840	8.790	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	18480	2.128	ng	# 1
70) Pentachlorophenol	17.16	266	61	4.268	ng	# 18

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

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FESB-07(5-5.5)

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

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Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

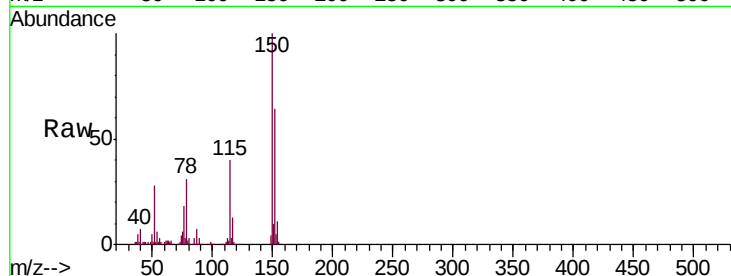
Tgt Ion:152 Resp: 92334

Ion Ratio Lower Upper

152 100

150 155.3 120.6 180.8

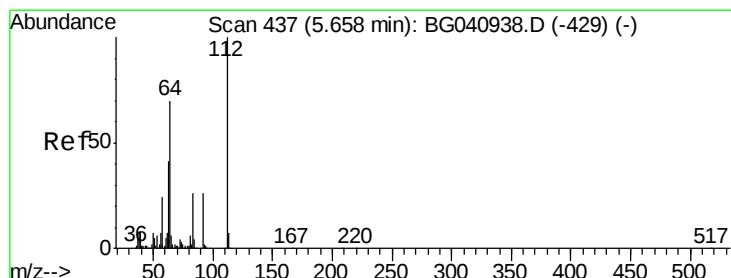
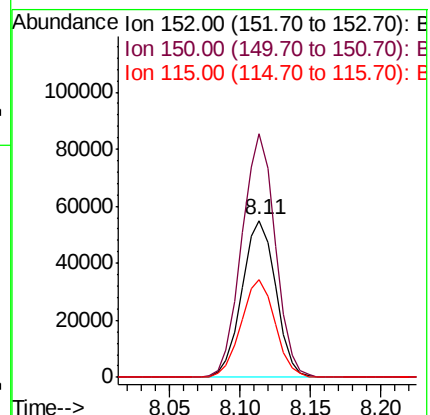
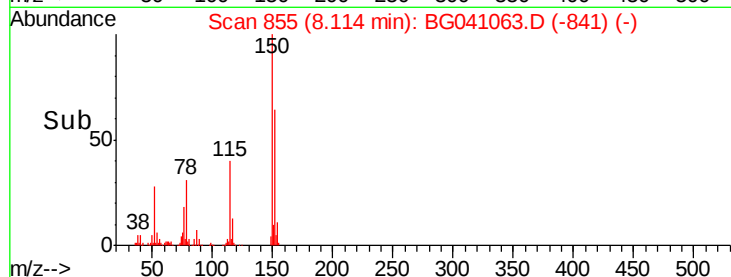
115 62.1 45.1 67.7



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: 70.546 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

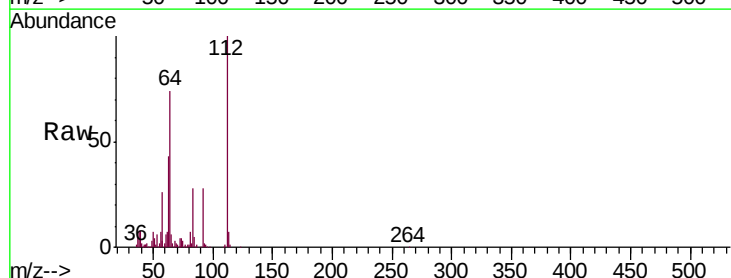
Tgt Ion:112 Resp: 361232

Ion Ratio Lower Upper

112 100

64 74.1 56.2 84.2

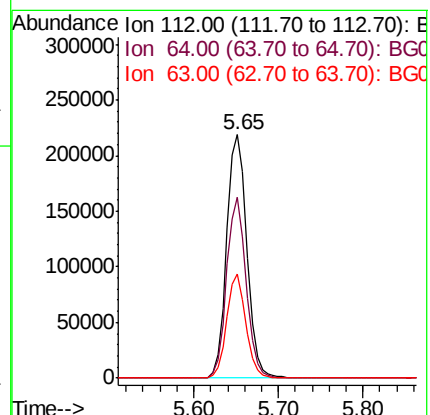
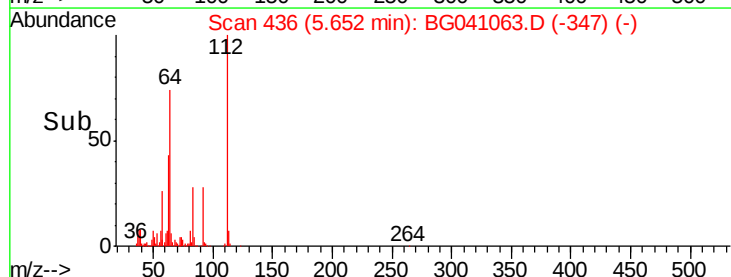
63 42.9 32.8 49.2



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: 65.887 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

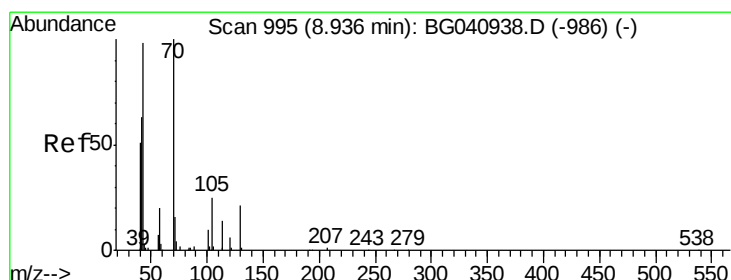
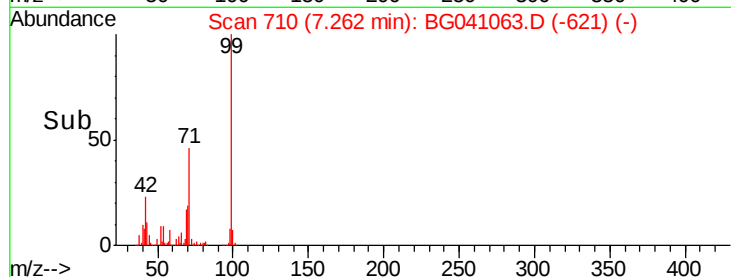
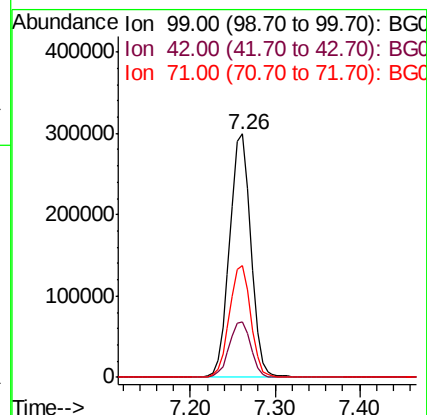
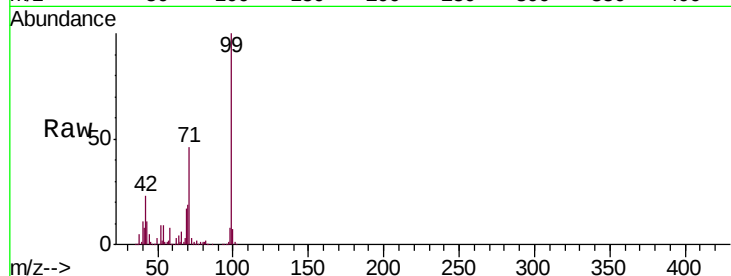
Tgt Ion: 99 Resp: 521040

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 45.7 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.086 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.35 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Tgt Ion: 70 Resp: 49208

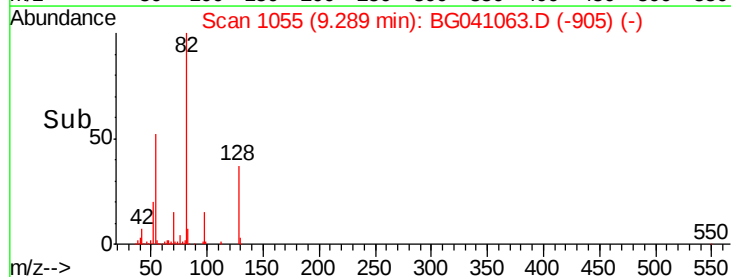
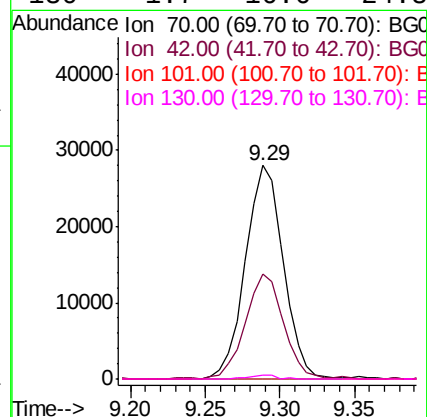
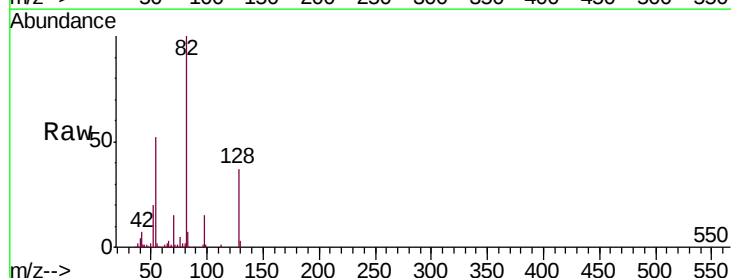
Ion Ratio Lower Upper

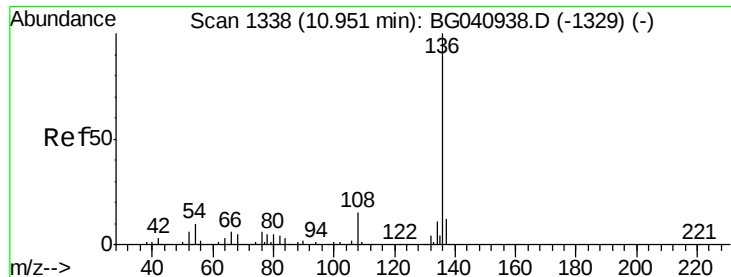
70 100

42 49.1 51.5 77.3#

101 0.0 8.1 12.1#

130 1.7 16.6 24.8#

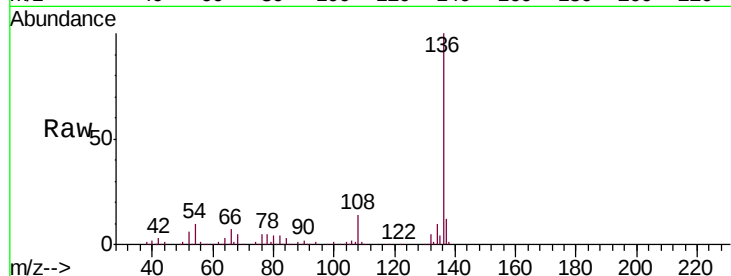




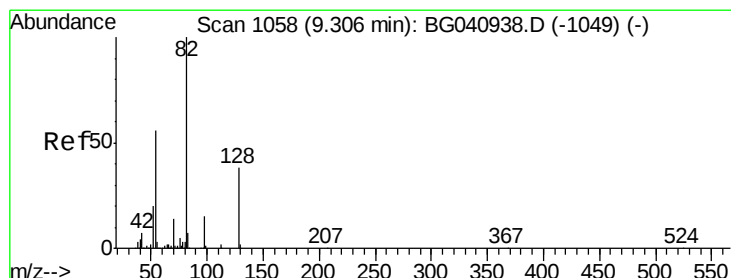
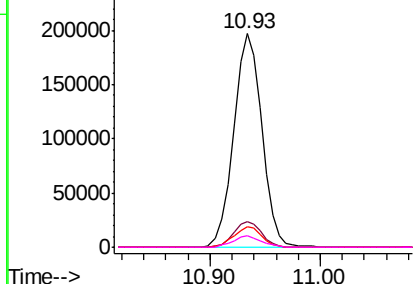
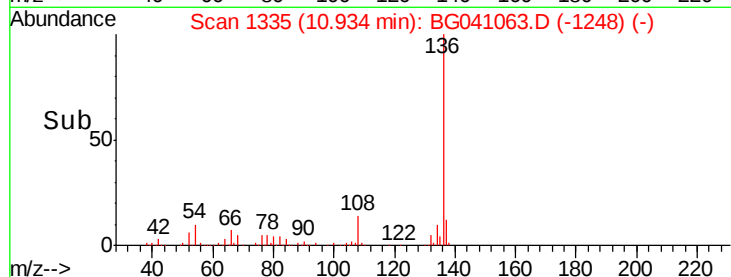
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

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

Tgt Ion:	136	Resp:	352329
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	9.5	7.6	11.4
68	5.3	3.9	5.9

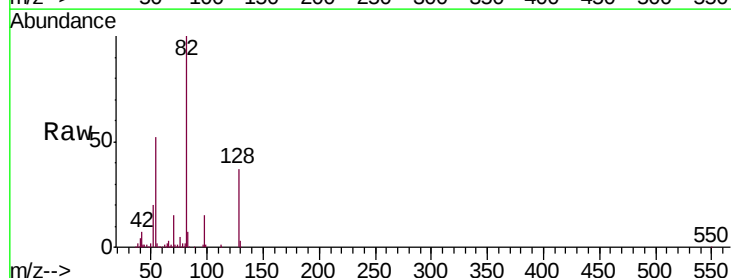


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

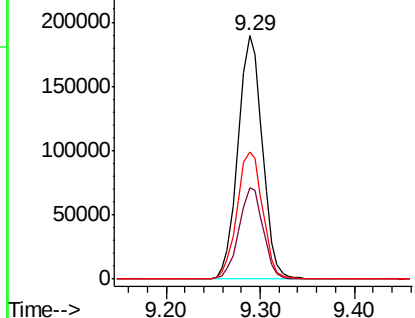
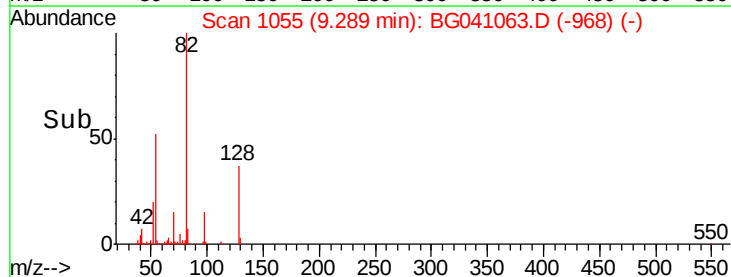


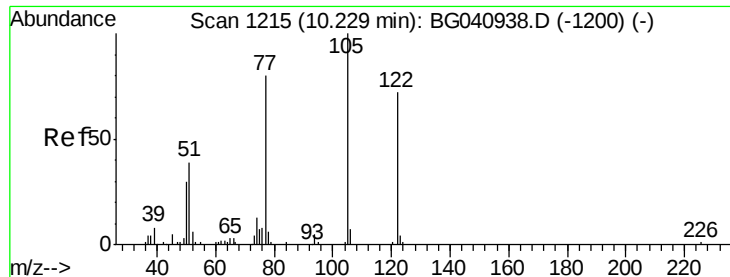
#23
Nitrobenzene-d5
Concen: 42.938 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

Tgt Ion:	82	Resp:	340775
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	52.2	44.6	66.8



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





#32

Benzoic acid

Concen: 8.144 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

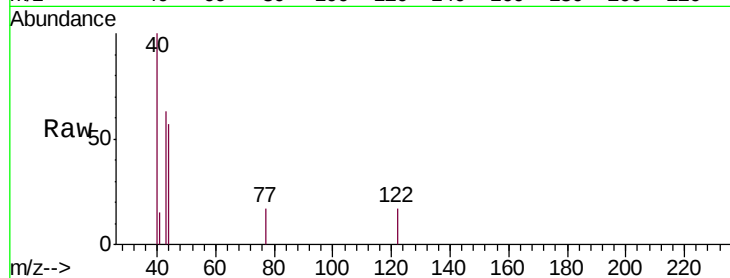
Tgt Ion:122 Resp: 72

Ion Ratio Lower Upper

122 100

105 0.0 114.8 154.8#

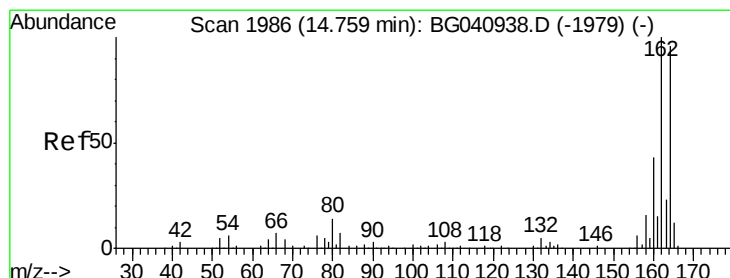
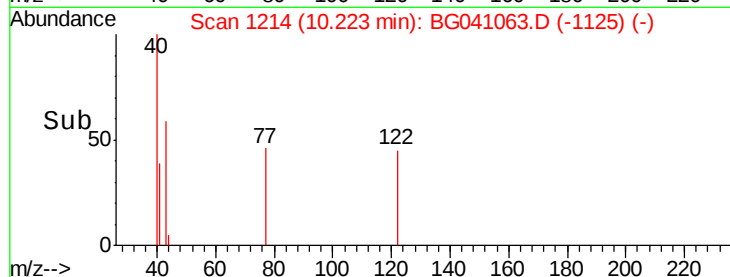
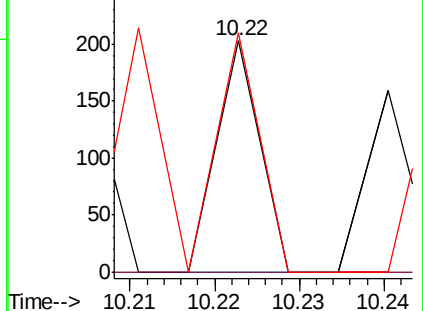
77 103.4 89.9 129.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

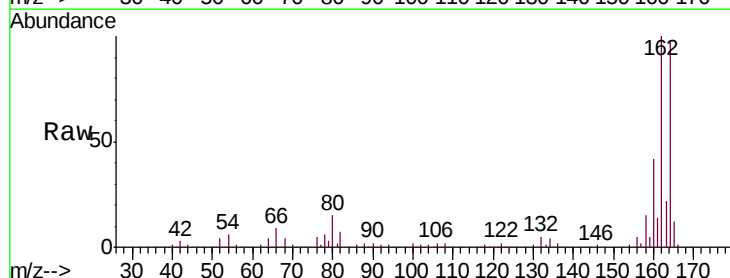
Tgt Ion:164 Resp: 254117

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.4

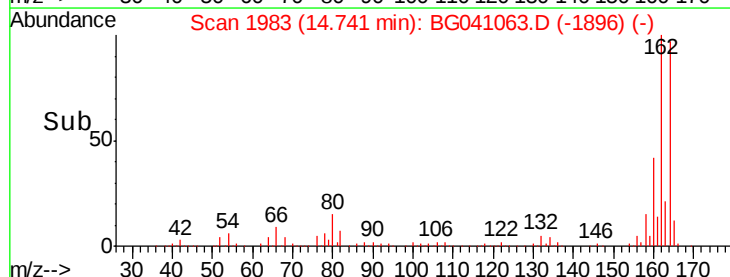
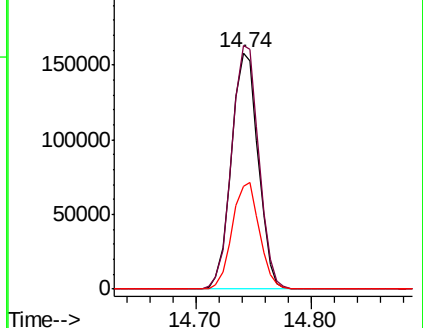
160 43.7 35.6 53.4

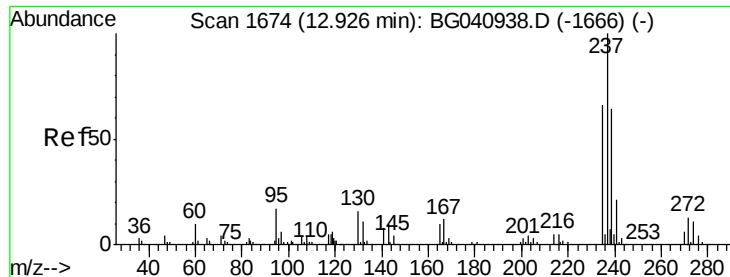


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.247 ng

RT: 12.98 min Scan# 1684

Delta R.T. 0.06 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

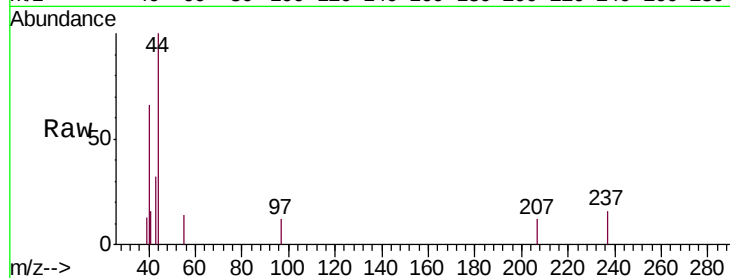
Instrument :

BNA_G

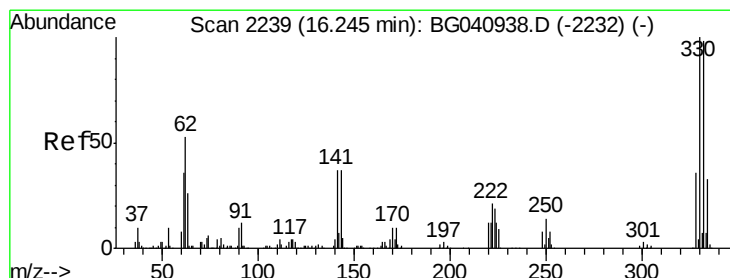
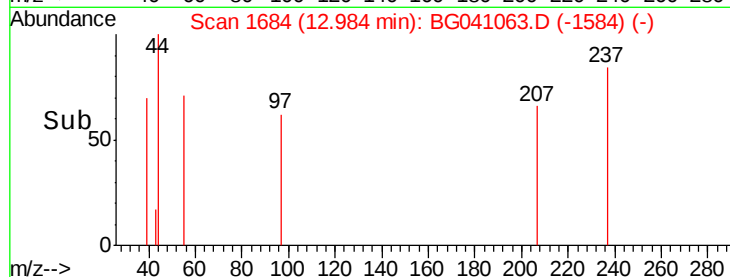
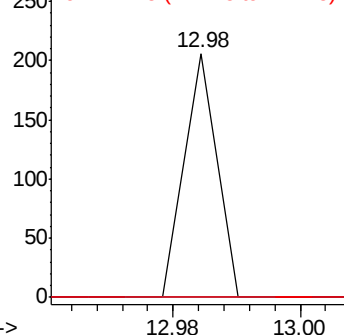
ClientSampleId :

FESB-07(5-5.5)

Tgt Ion:	237	Resp:	73
Ion Ratio	Lower	Upper	
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 68.108 ng

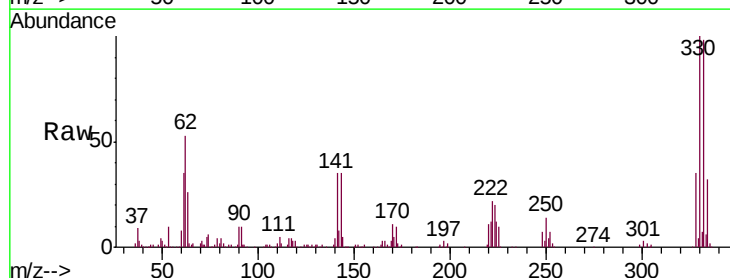
RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

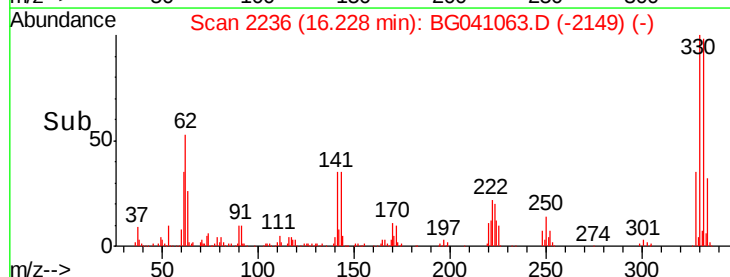
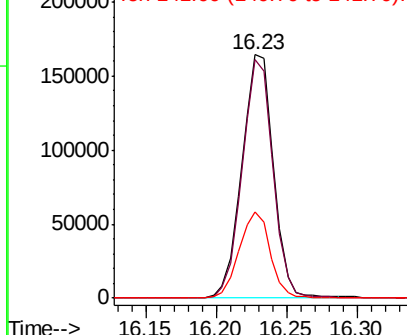
Lab File: BG041063.D

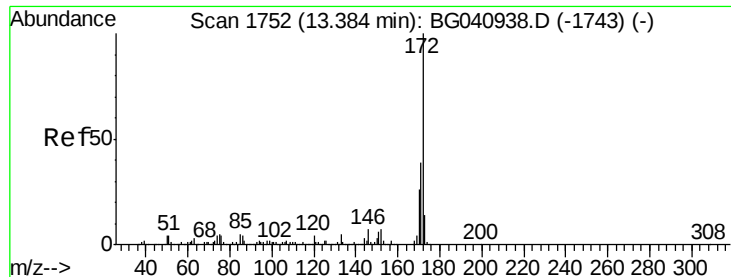
Acq: 4 Jun 2019 18:14

Tgt Ion:	330	Resp:	256942
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.5	117.7
141	34.8	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

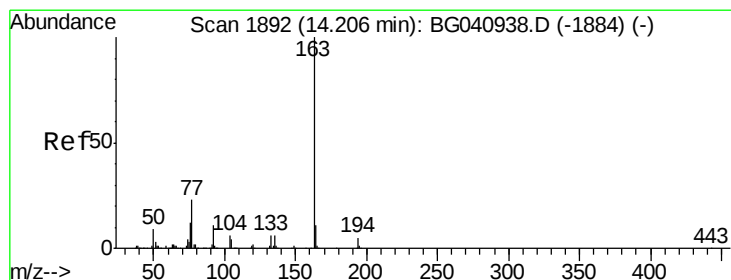
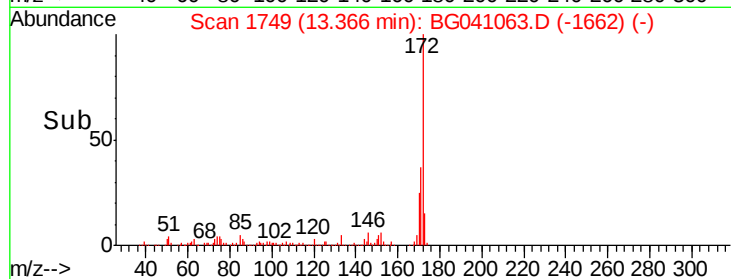
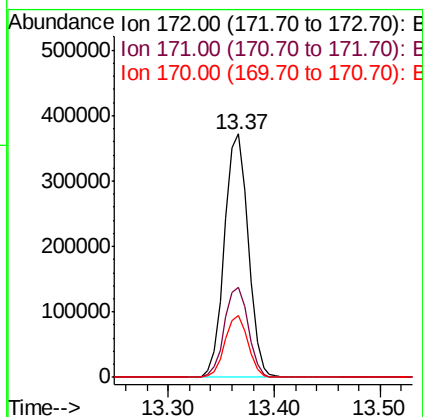
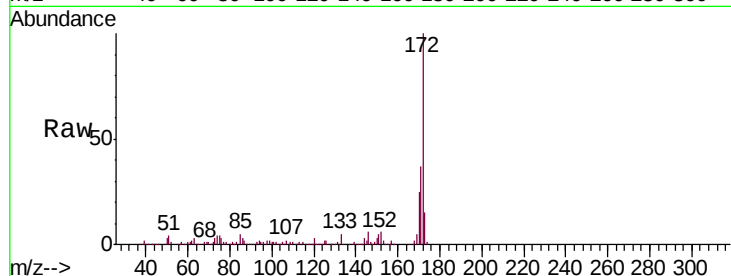




#45
2-Fluorobiphenyl
Concen: 32.849 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

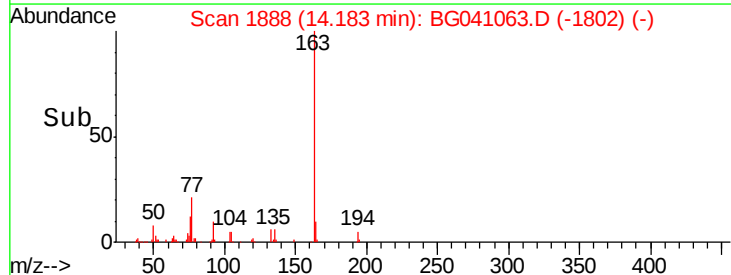
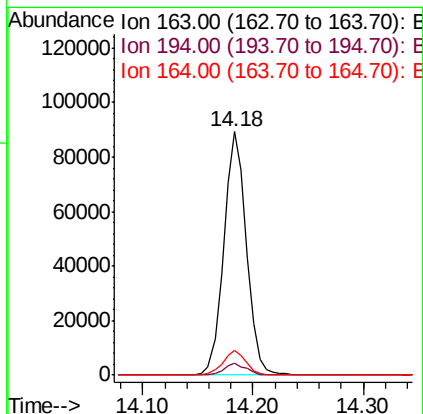
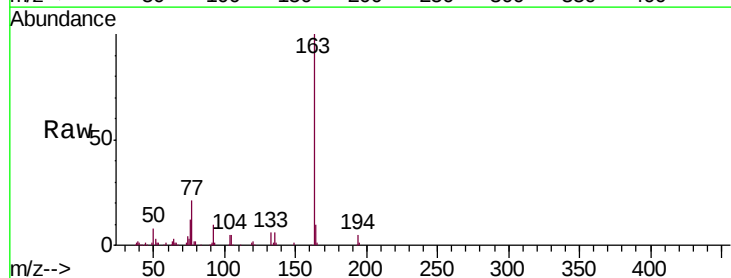
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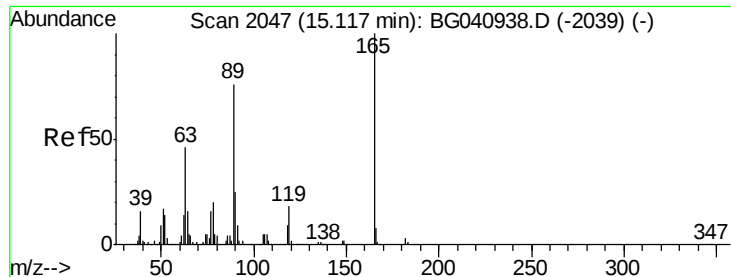
Tgt Ion:	172	Resp:	579642
Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.1	46.7
170	25.3	20.5	30.7



#50
Dimethylphthalate
Concen: 5.949 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

Tgt Ion:	163	Resp:	127971
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	9.9	8.7	13.1

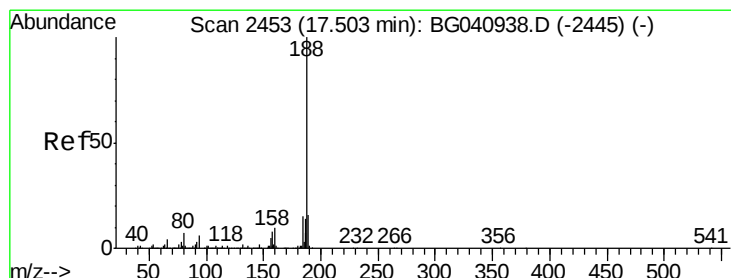
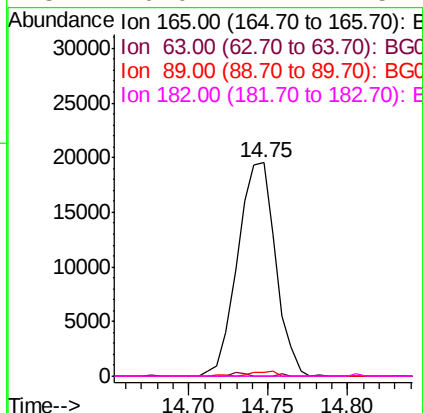
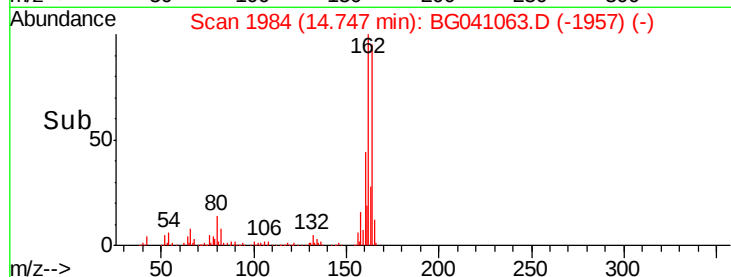
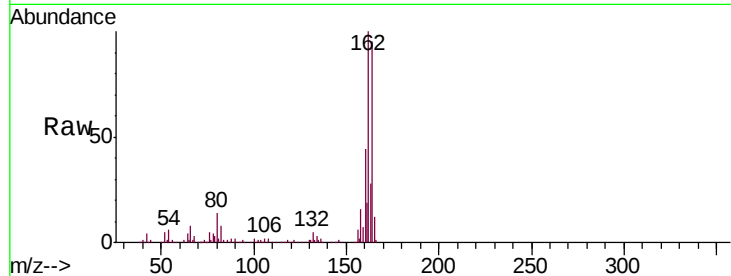




#57
2,4-Dinitrotoluene
Concen: 4.951 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

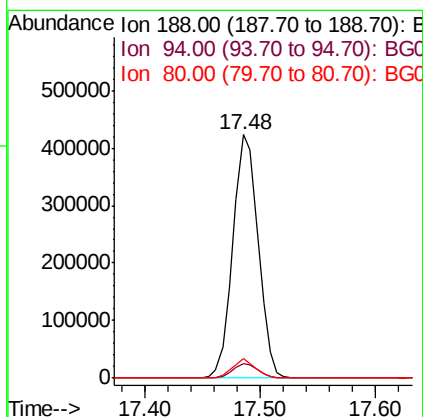
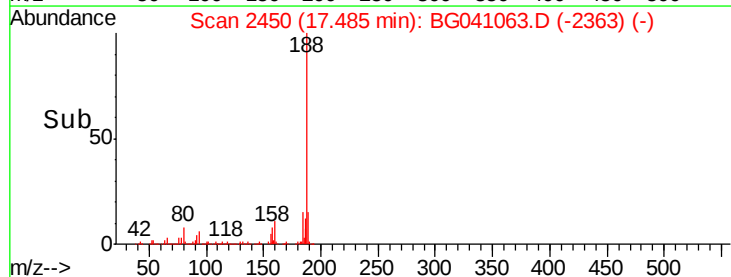
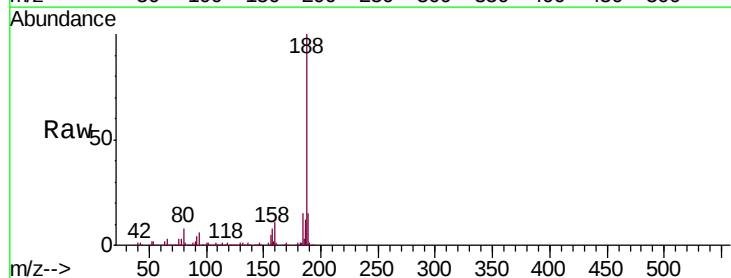
Instrument :
BNA_G
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FESB-07(5-5.5)

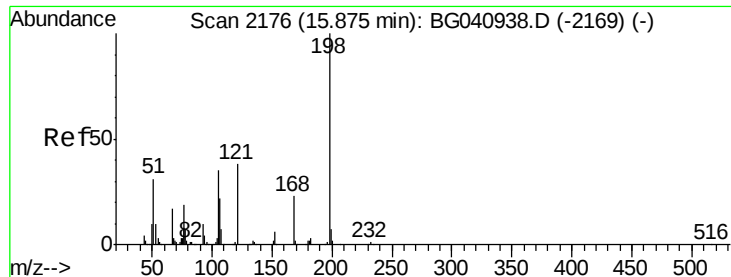
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	1.5	61.0	91.6#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	7.9	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.790 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.35 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

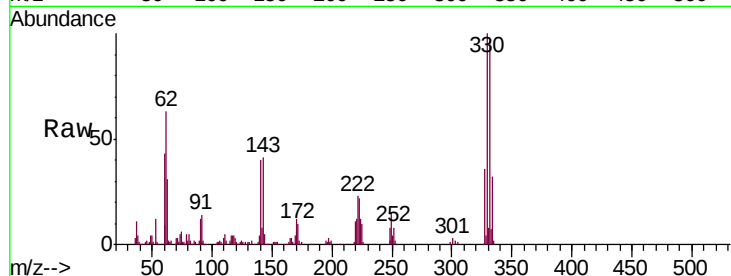
Tgt Ion:198 Resp: 840

Ion Ratio Lower Upper

198 100

51 138.0 21.6 61.6#

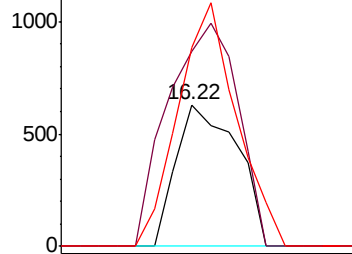
105 140.5 17.5 57.5#



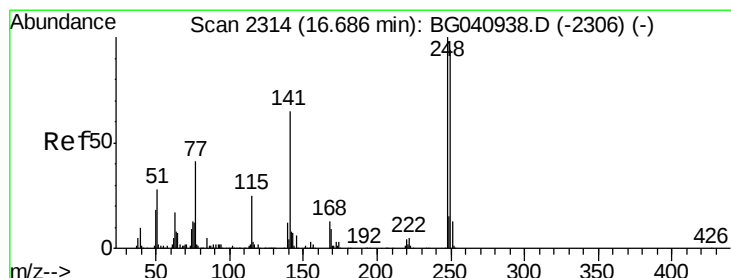
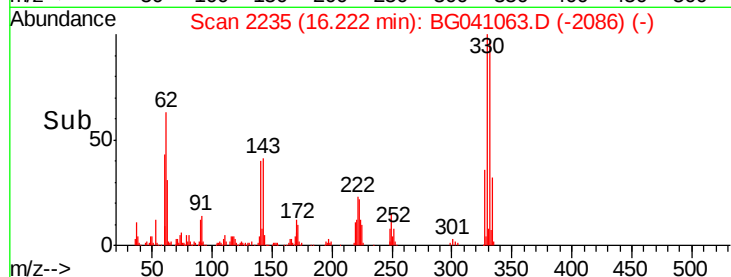
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.128 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.46 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

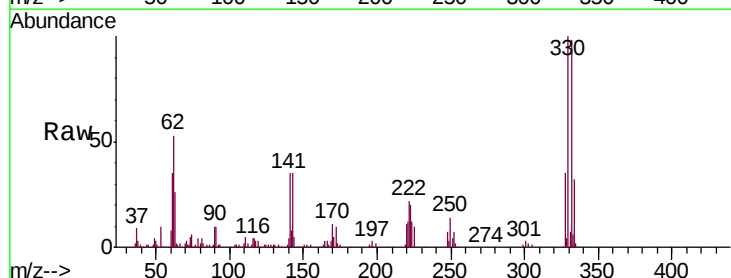
Tgt Ion:248 Resp: 18480

Ion Ratio Lower Upper

248 100

250 202.2 75.0 112.4#

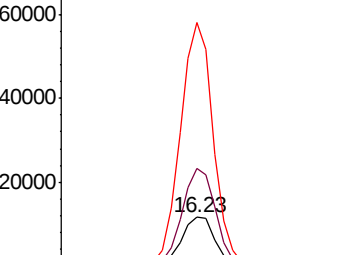
141 501.9 52.4 78.6#



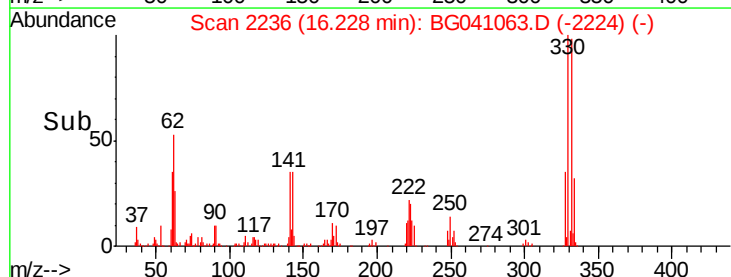
Abundance Ion 248.00 (247.70 to 248.70): E

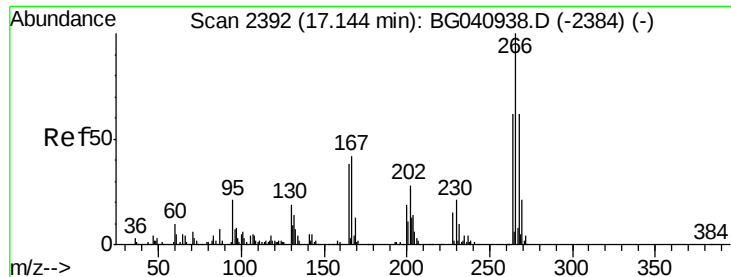
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

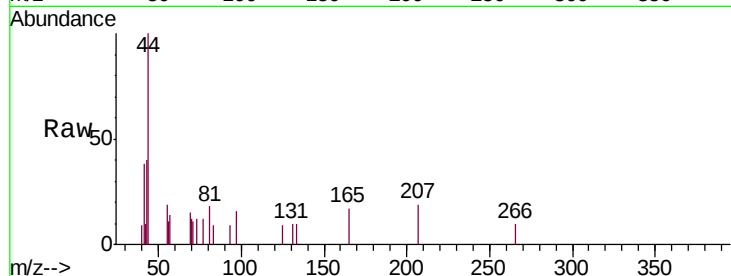




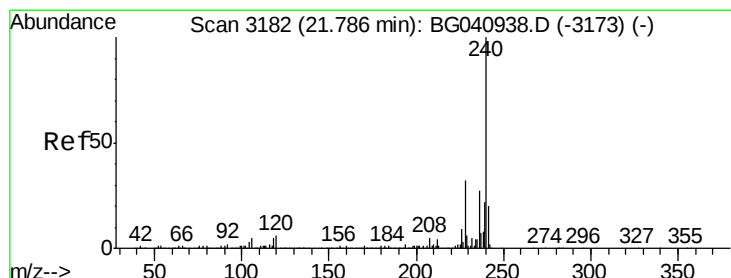
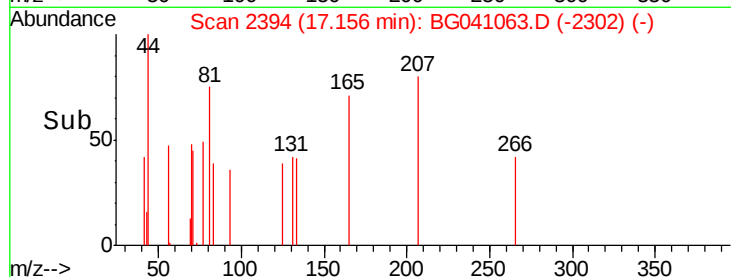
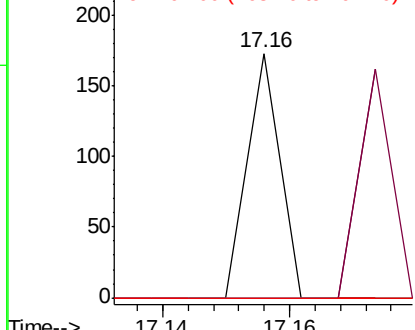
#70
 Pentachlorophenol
 Concen: 4.268 ng
 RT: 17.16 min Scan# 2394
 Delta R.T. 0.01 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

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

Tgt Ion:266 Resp: 61
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.1 79.7#
 264 0.0 49.9 74.9#

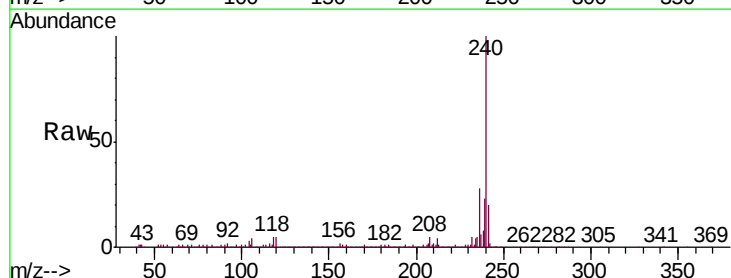


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

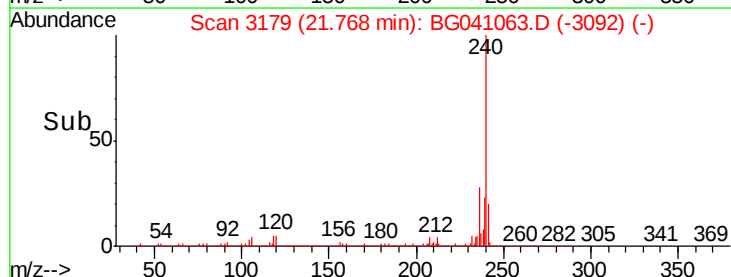
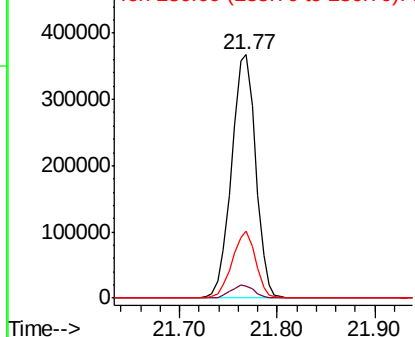


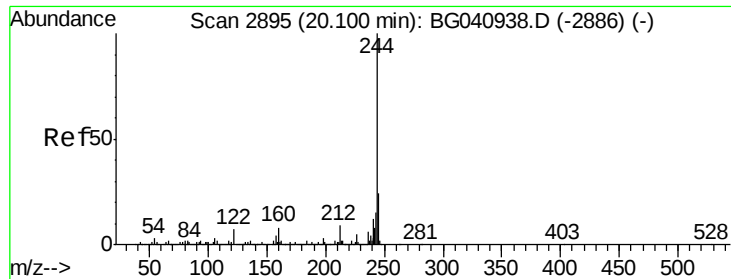
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

Tgt Ion:240 Resp: 632745
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.5 6.7
 236 27.8 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





#79

Terphenyl-d14

Concen: 33.979 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

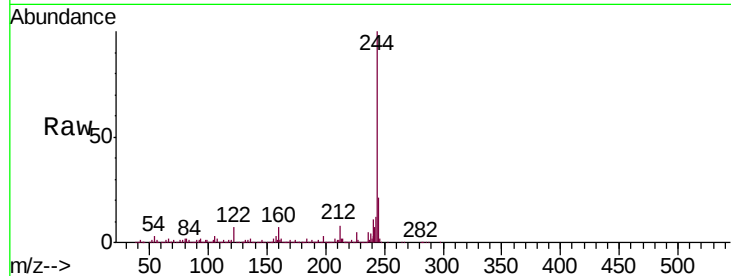
Tgt Ion:244 Resp: 1013037

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

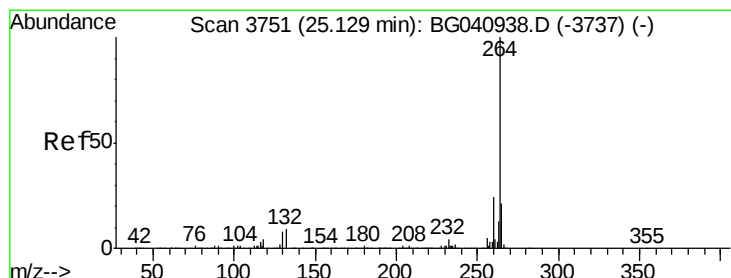
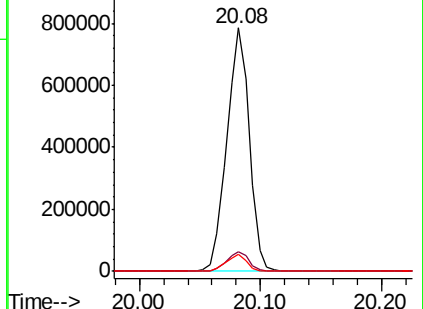
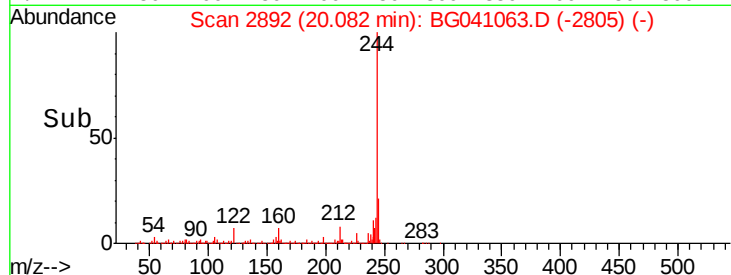
122 6.8 5.4 8.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

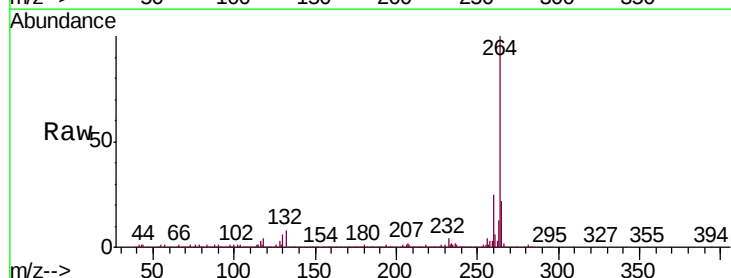
Tgt Ion:264 Resp: 696106

Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.4

265 22.3 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

