

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041029.D
 Acq On : 3 Jun 2019 11:49
 Operator : HP/JU
 Sample : K3010-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-22(1.5-2)

Quant Time: Jun 03 15:26:10 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

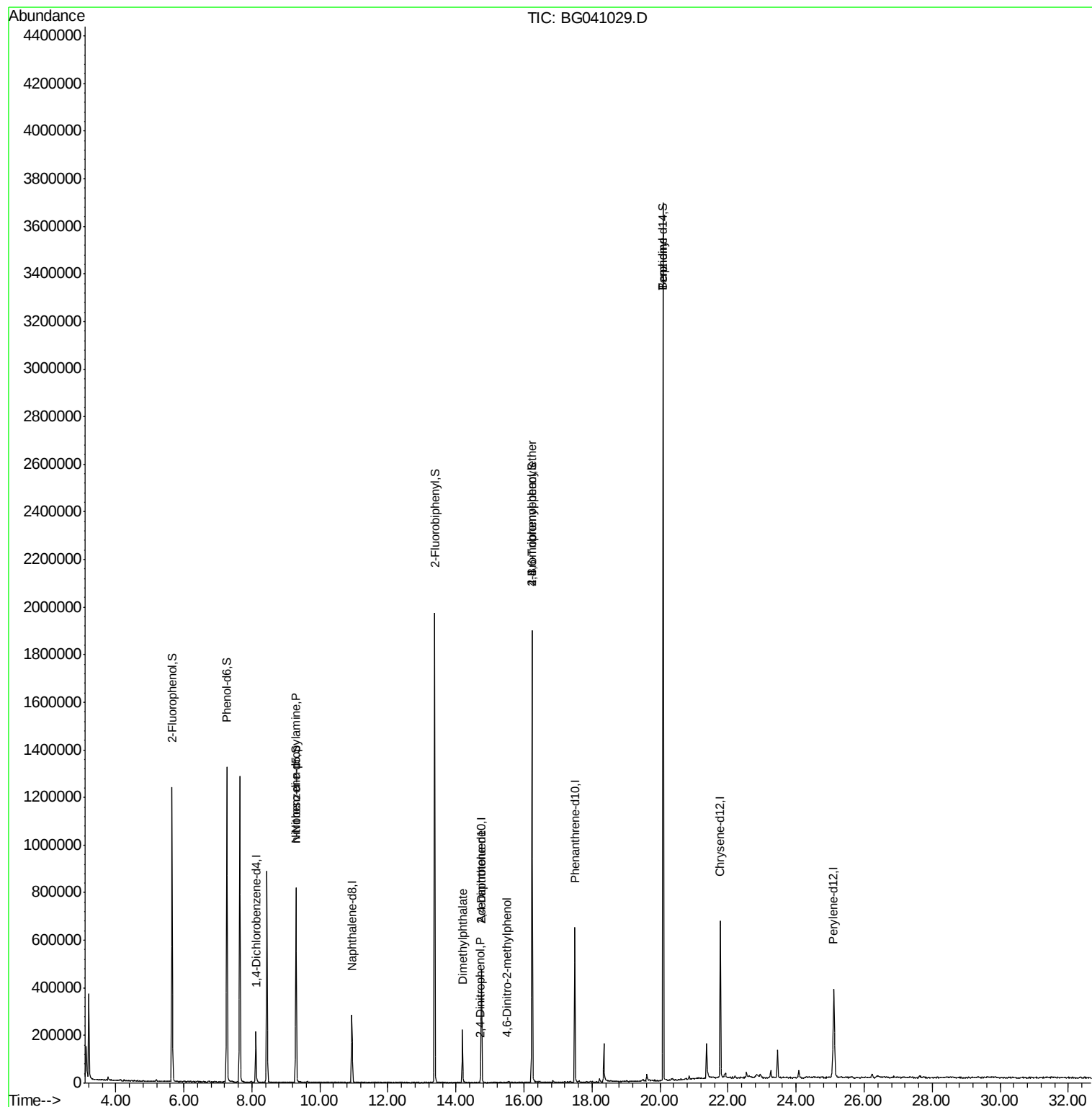
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57345	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	223916	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	161444	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	405540	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	406586	20.00	ng	-0.02
87) Perylene-d12	25.11	264	433374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	471174	148.16	ng	0.00
7) Phenol-d6	7.26	99	693195	141.14	ng	0.00
23) Nitrobenzene-d5	9.30	82	486119	96.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	349946	146.01	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1009666	90.06	ng	-0.01
79) Terphenyl-d14	20.09	244	1715802	89.56	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.30	70	69196	18.308	ng	Qvalue # 78
50) Dimethylphthalate	14.19	163	141298	10.339	ng	100
54) 2,4-Dinitrophenol	14.71	184	85	8.320	ng	# 18
57) 2,4-Dinitrotoluene	14.75	165	21659	5.204	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.51	198	95	8.625	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	25548	4.668	ng	# 1
77) Benzidine	20.09	184	31197	3.216	ng	# 94

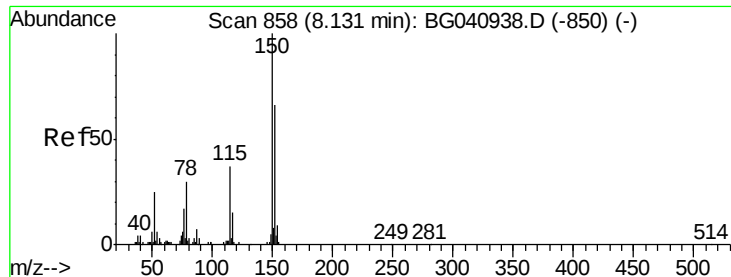
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
FESB-22(1.5-2)

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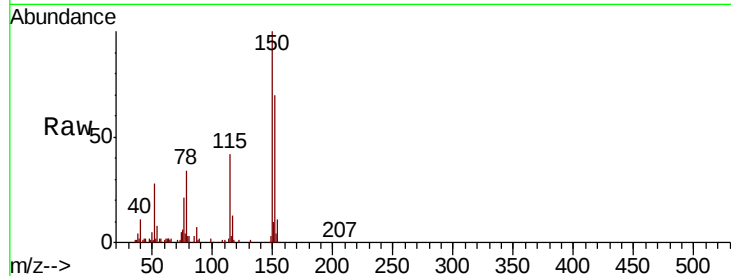


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	120.6	180.8
115	59.8	45.1	67.7

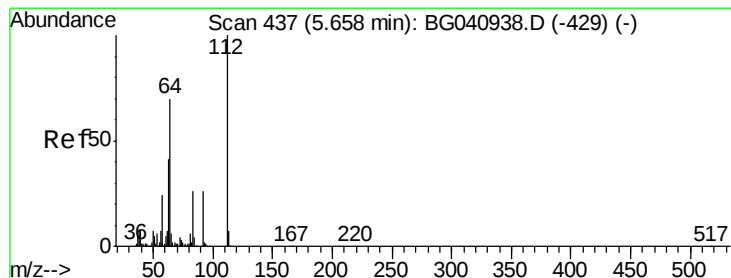
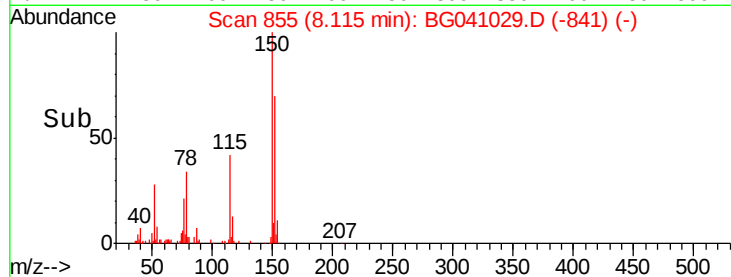
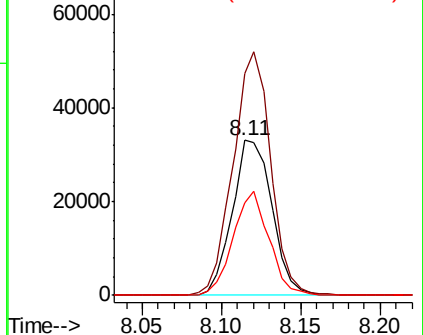


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

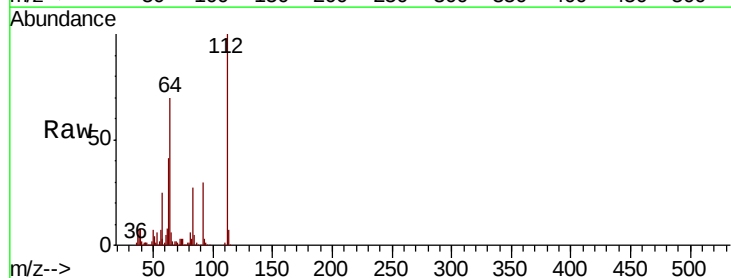
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.160 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.2	84.2
63	41.1	32.8	49.2

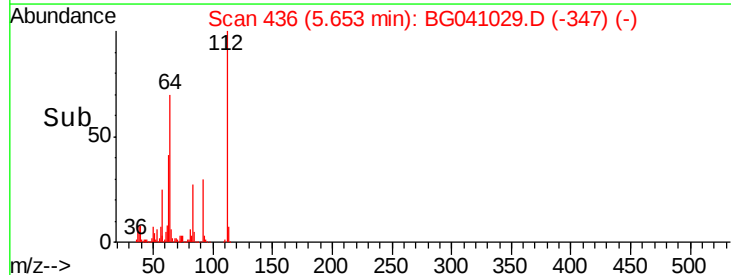
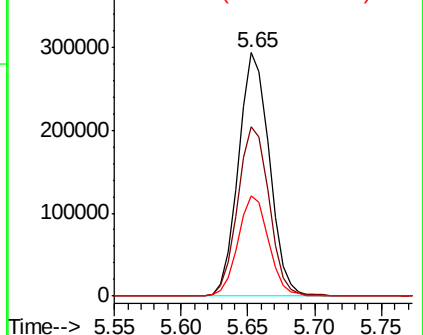


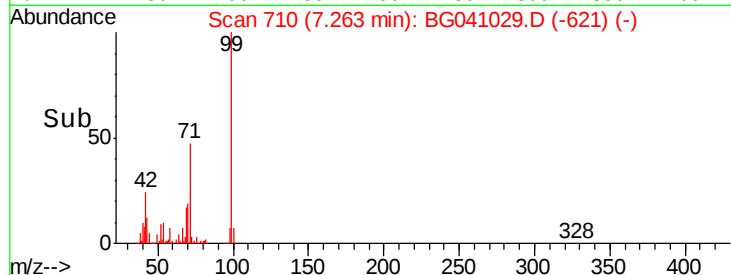
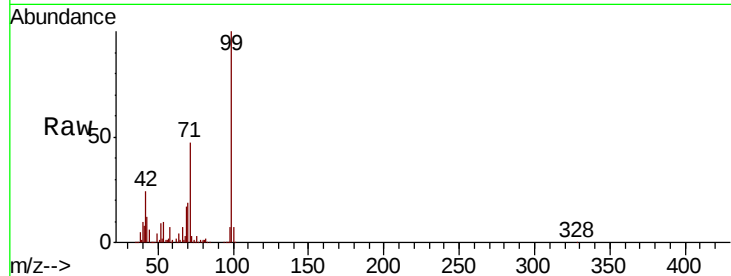
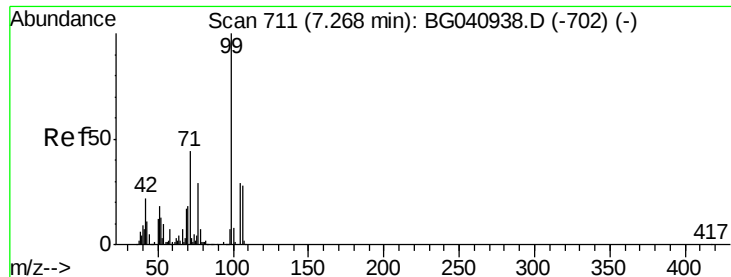
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.139 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Instrument :

BNA_G

ClientSampleId :

FESB-22(1.5-2)

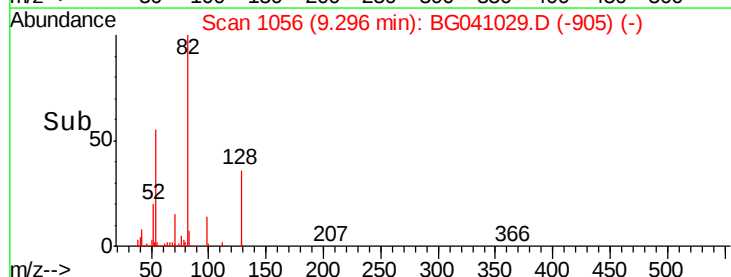
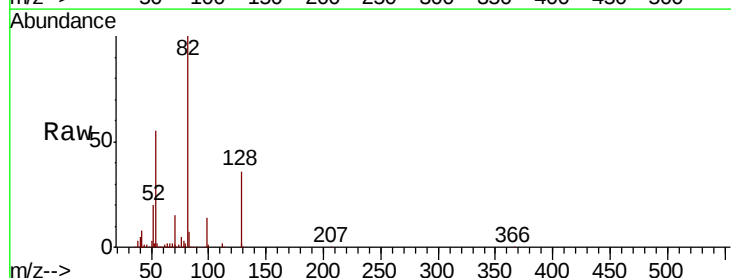
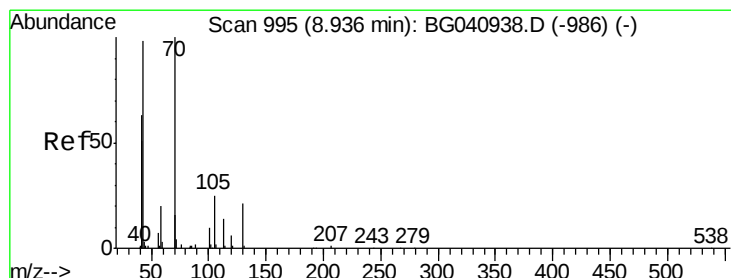
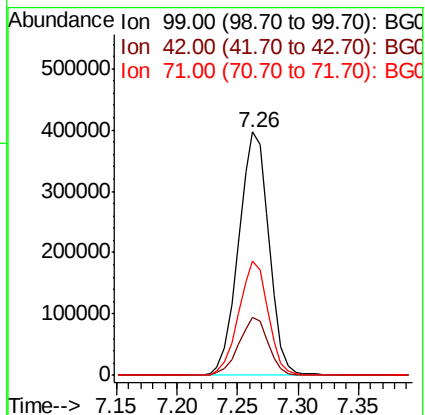
Tot Ion: 99 Resp: 693195

Ion Ratio Lower Upper

99 100

42 23.9 17.9 26.9

71 47.0 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.308 ng

RT: 9.30 min Scan# 1056

Delta R.T. 0.36 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Tgt Ion: 70 Resp: 69196

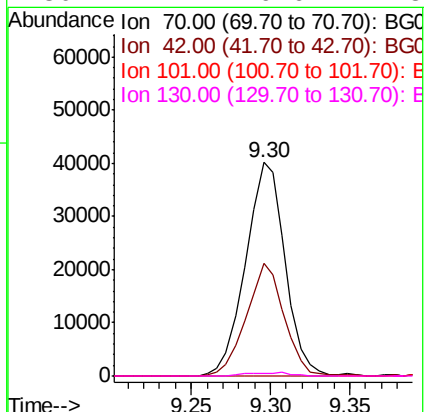
Ion Ratio Lower Upper

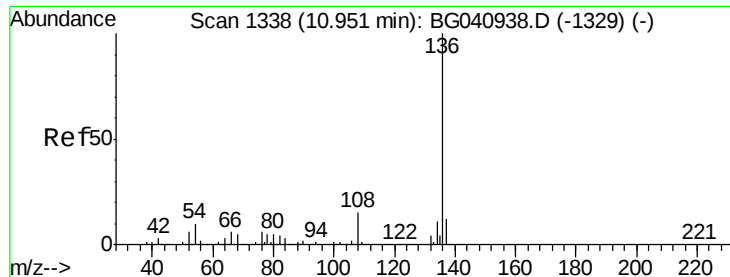
70 100

42 52.6 51.5 77.3

101 0.0 8.1 12.1#

130 1.4 16.6 24.8#

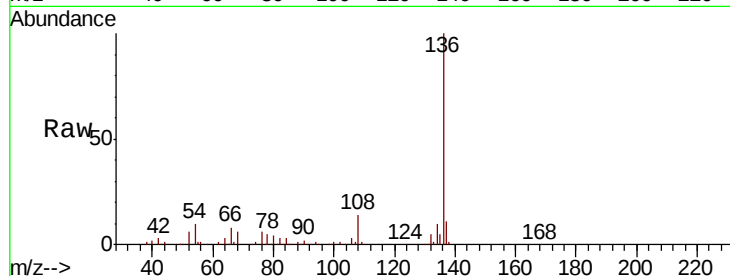




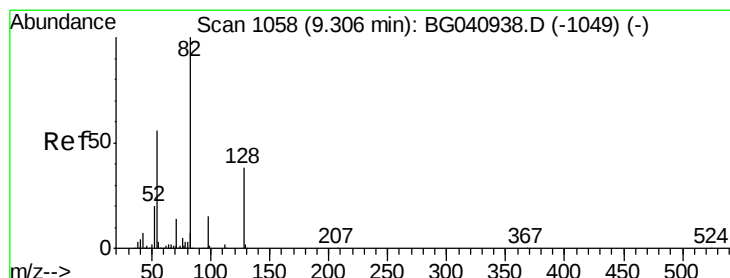
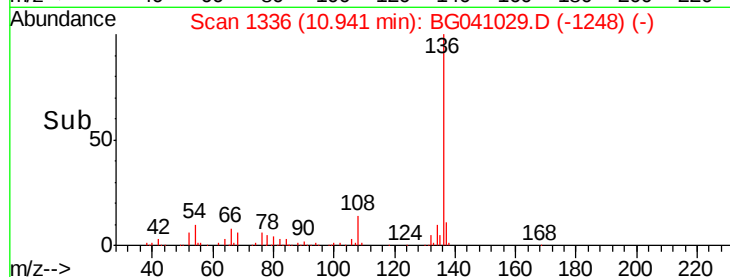
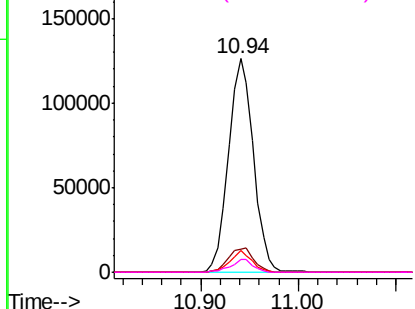
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

Tot Ion:136	Resp:	223916
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.5 14.3
54	10.0	7.6 11.4
68	5.8	3.9 5.9

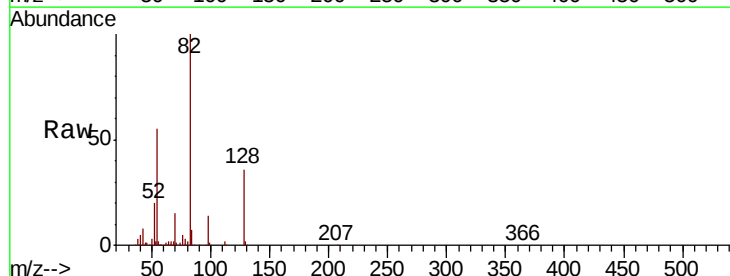


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

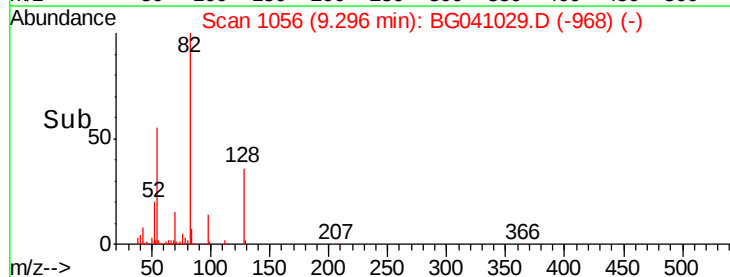
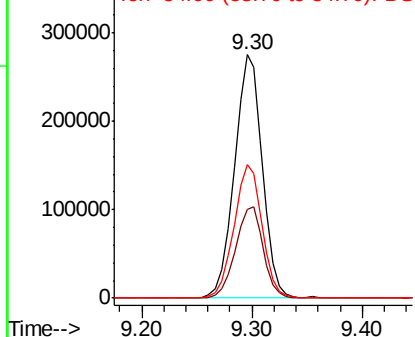


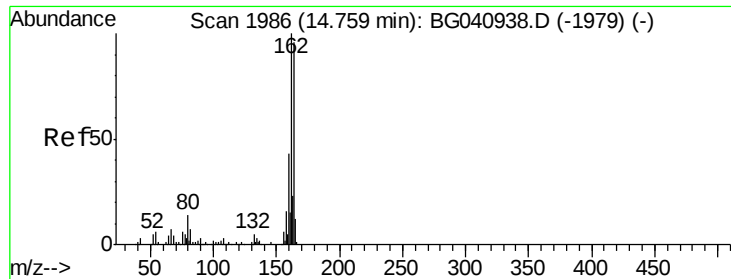
#23
Nitrobenzene-d5
Concen: 96.378 ng
RT: 9.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion: 82	Resp:	486119
Ion Ratio	Lower	Upper
82	100	
128	36.4	30.5 45.7
54	54.9	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

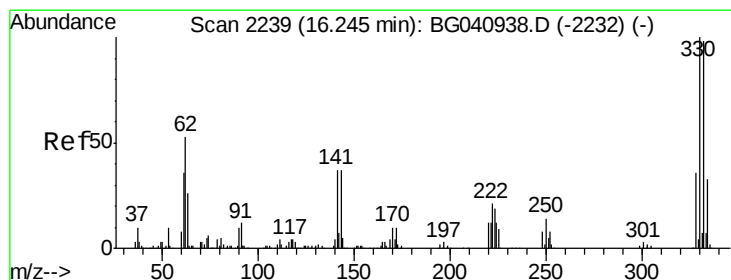
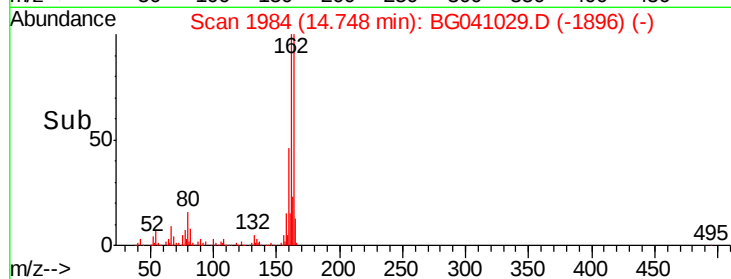
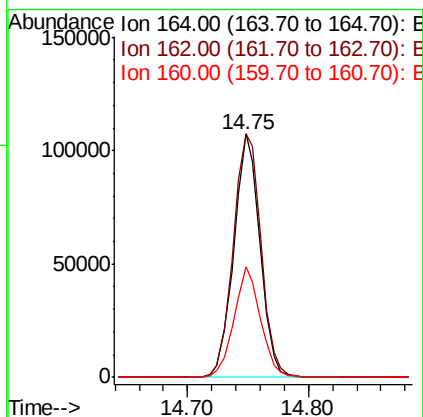
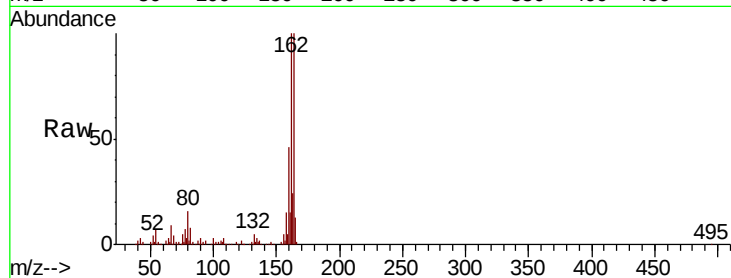




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

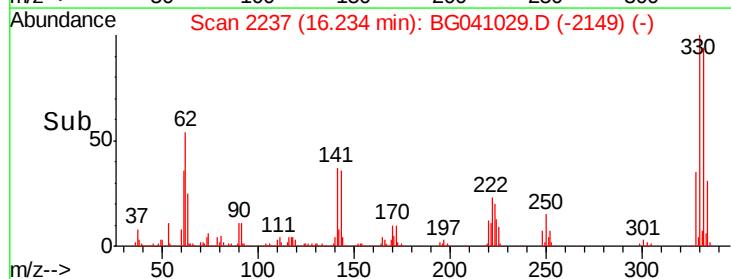
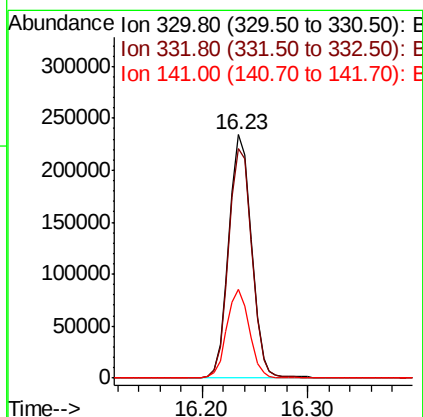
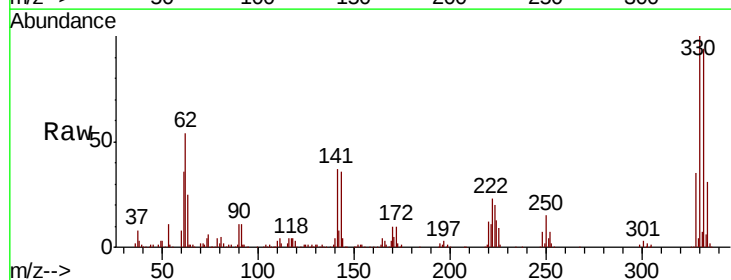
Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

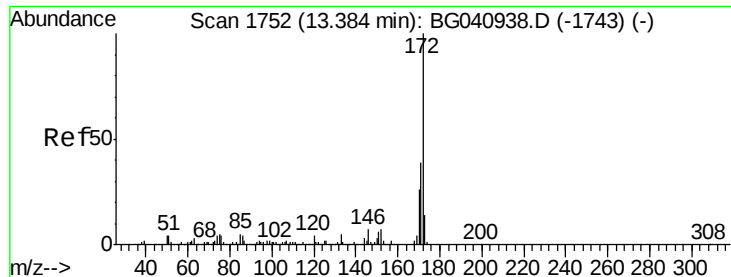
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.0	124.4
160	45.5	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 146.009 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	36.1	28.7	43.1

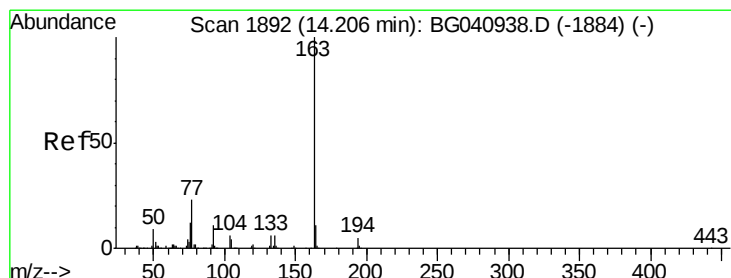
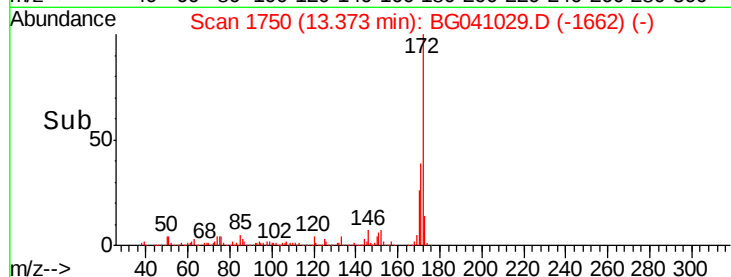
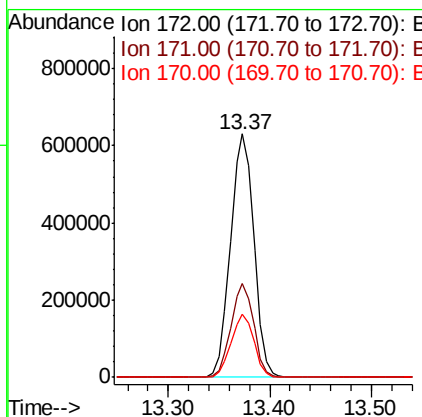
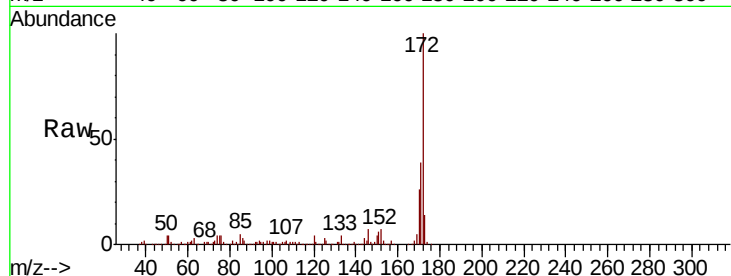




#45
2-Fluorobiphenyl
Concen: 90.064 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

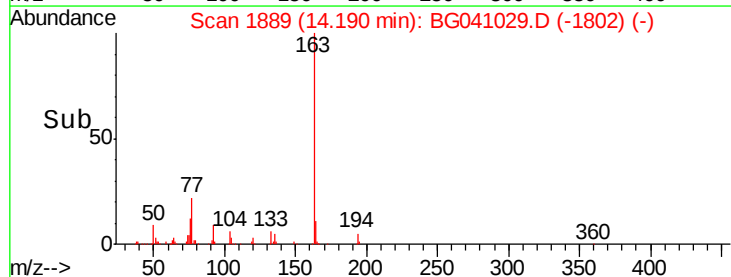
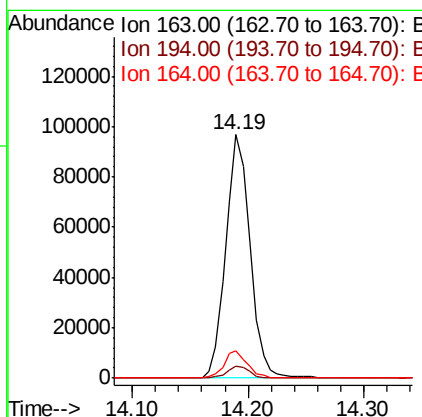
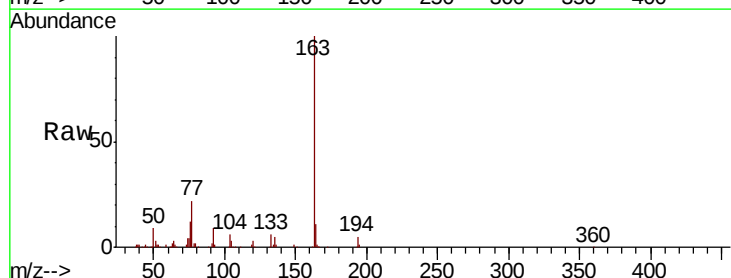
Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

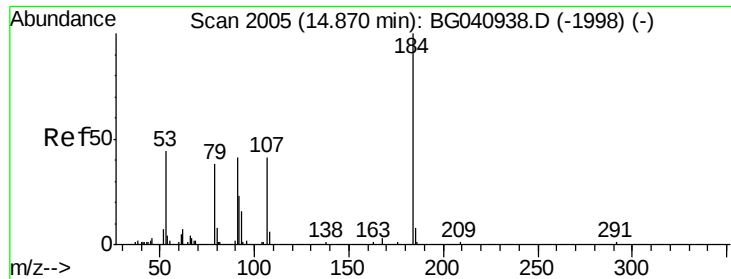
Tot Ion:172 Resp: 1009666
Ion Ratio Lower Upper
172 100
171 38.5 31.1 46.7
170 25.8 20.5 30.7



#50
Dimethylphthalate
Concen: 10.339 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion:163 Resp: 141298
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.8
164 11.0 8.7 13.1

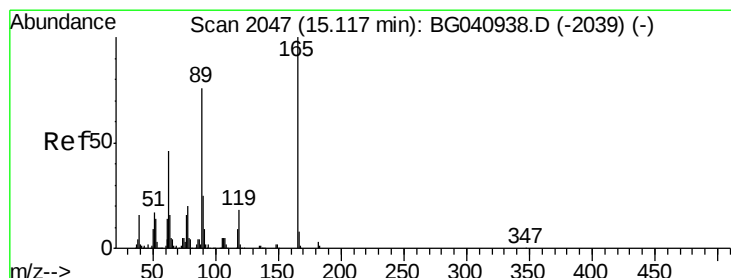
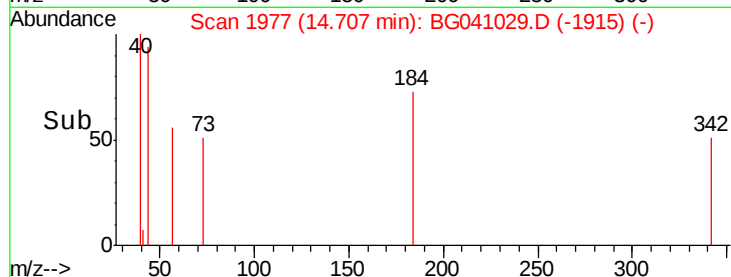
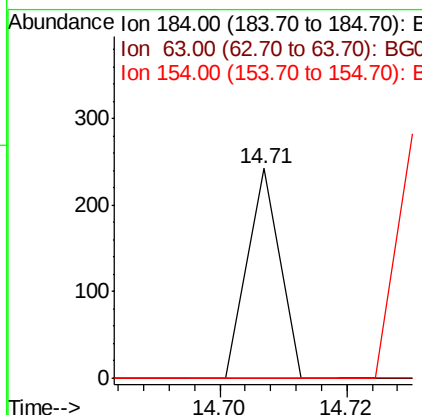
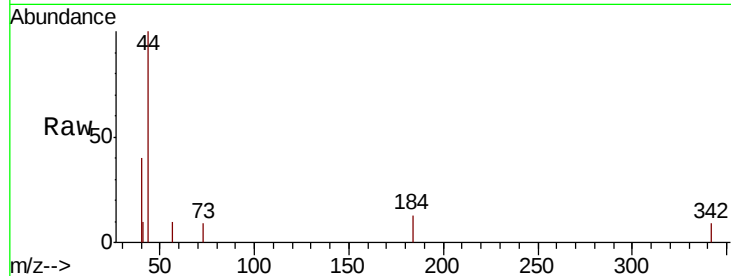




#54
2,4-Dinitrophenol
Concen: 8.320 ng
RT: 14.71 min Scan# 1977
Delta R.T. -0.16 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

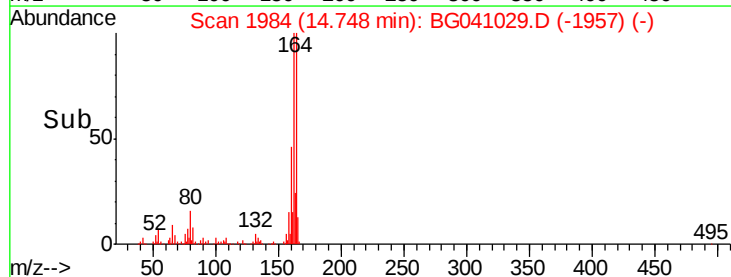
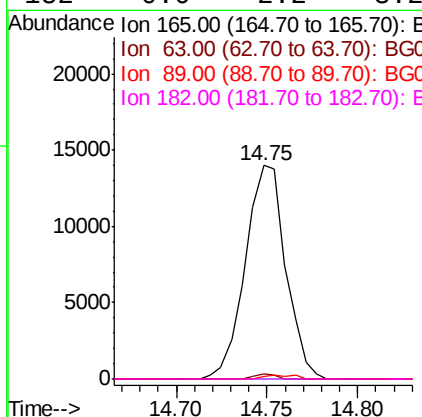
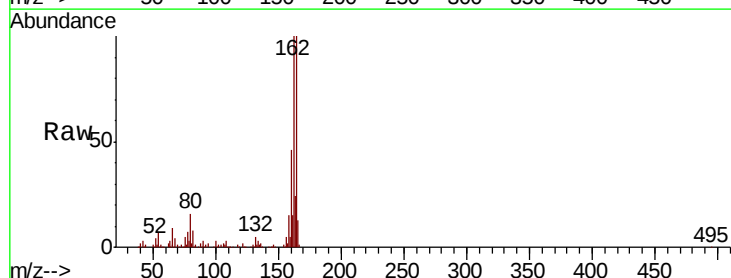
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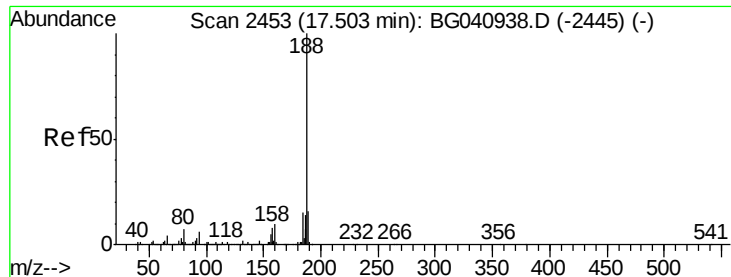
Tot Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 0.0 49.8 74.6#
154 0.0 52.2 78.4#



#57
2,4-Dinitrotoluene
Concen: 5.204 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion:165 Resp: 21659
Ion Ratio Lower Upper
165 100
63 2.4 37.3 55.9#
89 1.4 61.0 91.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Instrument :

BNA_G

ClientSampleId :

FESB-22(1.5-2)

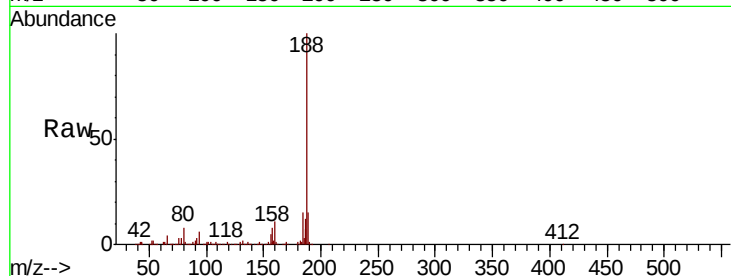
Tot Ion:188 Resp: 405540

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

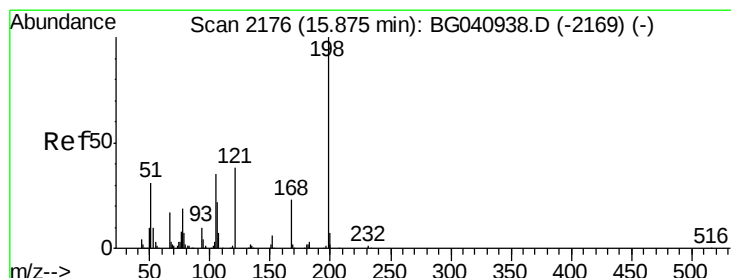
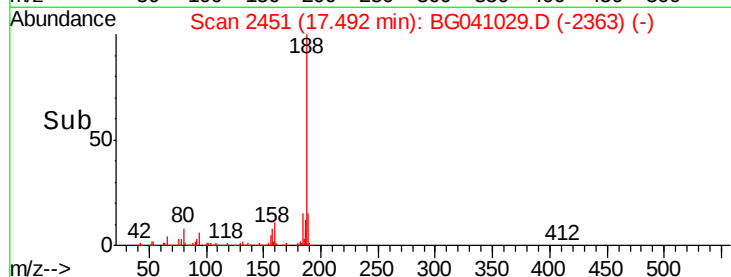
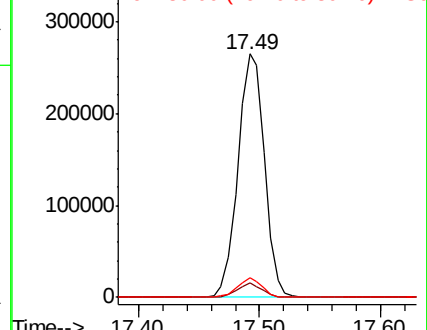
80 7.8 5.8 8.8



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: 8.625 ng

RT: 15.51 min Scan# 2113

Delta R.T. -0.37 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

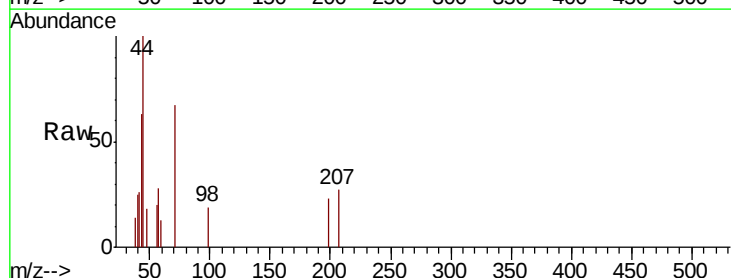
Tgt Ion:198 Resp: 95

Ion Ratio Lower Upper

198 100

51 0.0 21.6 61.6#

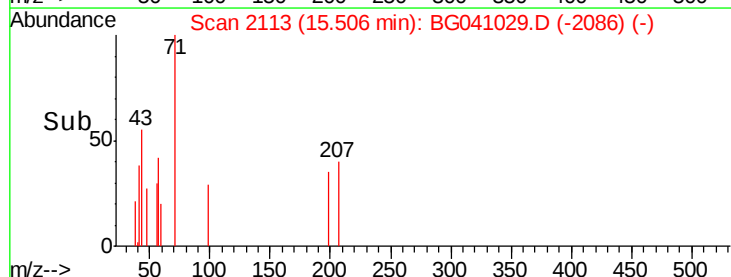
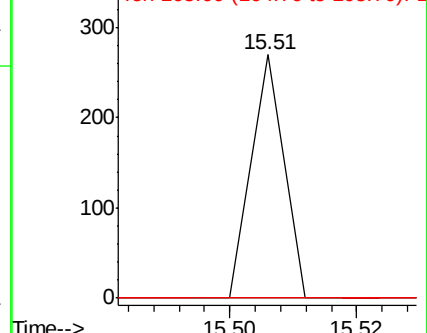
105 0.0 17.5 57.5#

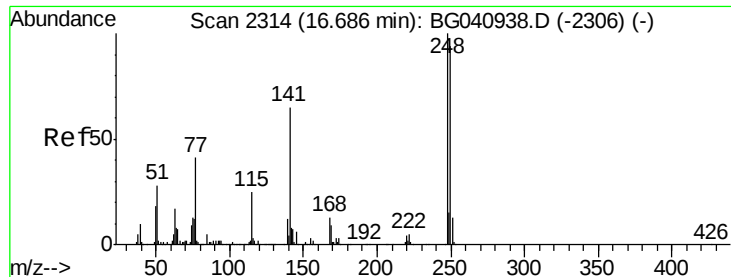


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

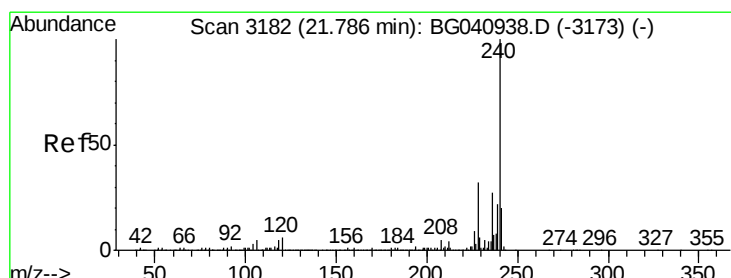
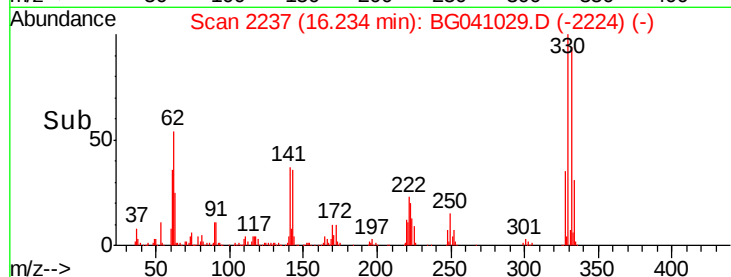
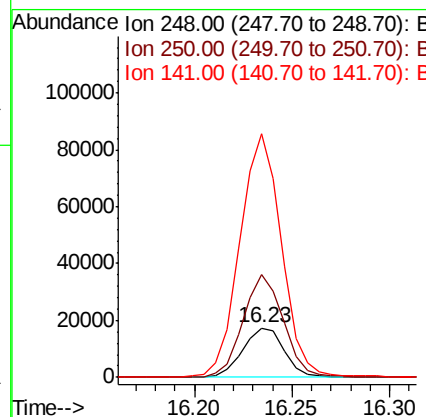
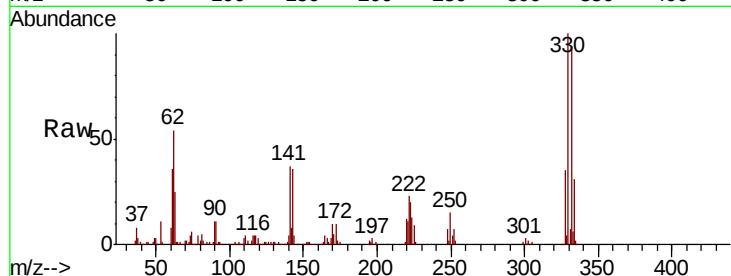




#67
4-Bromophenyl-phenylether
Concen: 4.668 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.45 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

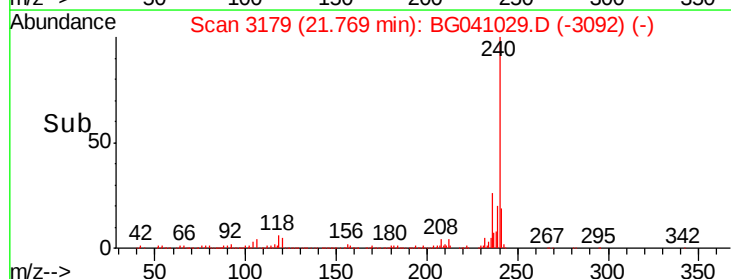
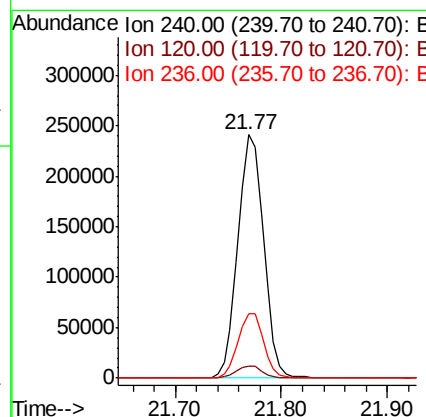
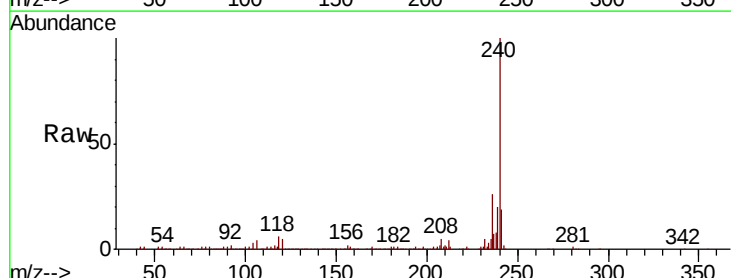
Instrument :
BNA_G
ClientSampleId :
FESB-22(1.5-2)

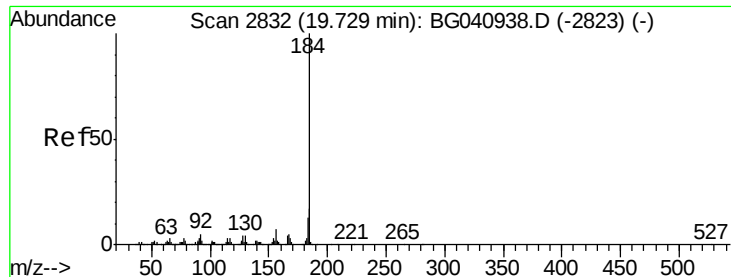
Tot Ion:248 Resp: 25548
Ion Ratio Lower Upper
248 100
250 207.5 75.0 112.4#
141 493.0 52.4 78.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BG041029.D
Acq: 3 Jun 2019 11:49

Tgt Ion:240 Resp: 406586
Ion Ratio Lower Upper
240 100
120 4.8 4.5 6.7
236 26.3 21.3 31.9





#77

Benzidine

Concen: 3.216 ng

RT: 20.09 min Scan# 2893

Delta R.T. 0.36 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

Instrument :

BNA_G

ClientSampleId :

FESB-22(1.5-2)

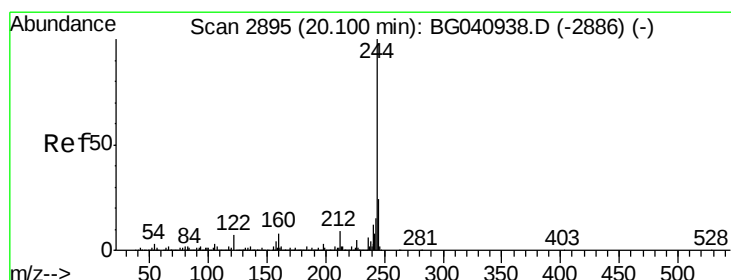
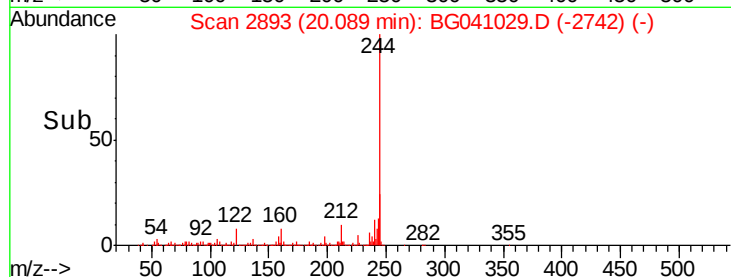
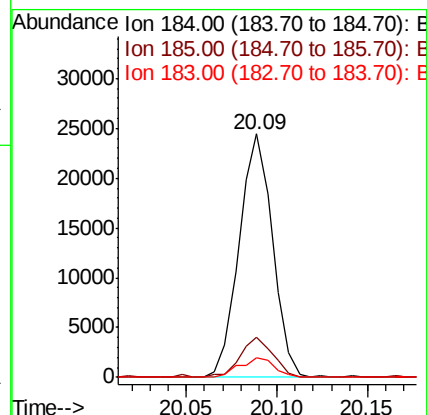
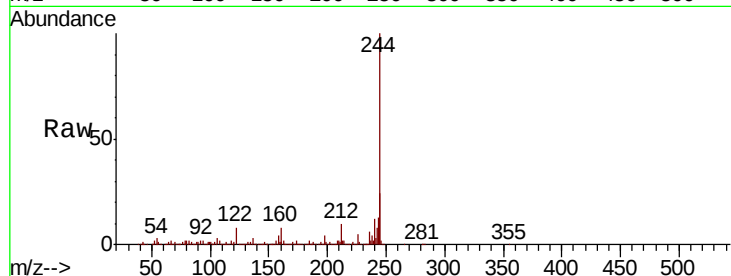
Tot Ion:184 Resp: 31197

Ion Ratio Lower Upper

184 100

185 16.2 13.3 19.9

183 8.0 10.7 16.1#



#79

Terphenyl-d14

Concen: 89.563 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041029.D

Acq: 3 Jun 2019 11:49

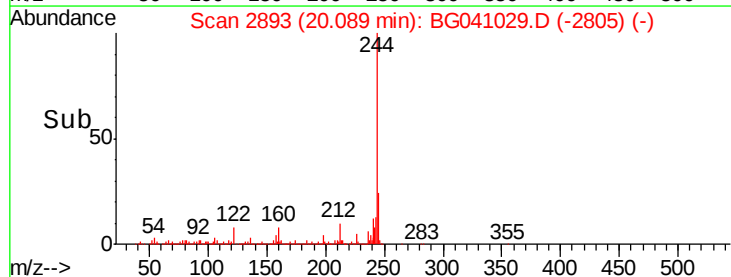
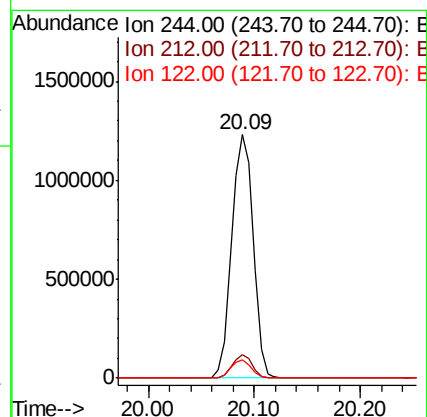
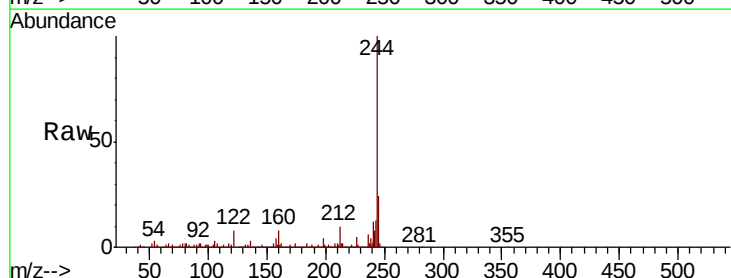
Tgt Ion:244 Resp: 1715802

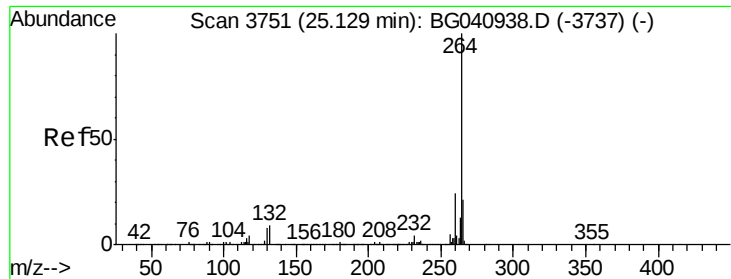
Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.4

122 7.5 5.4 8.0

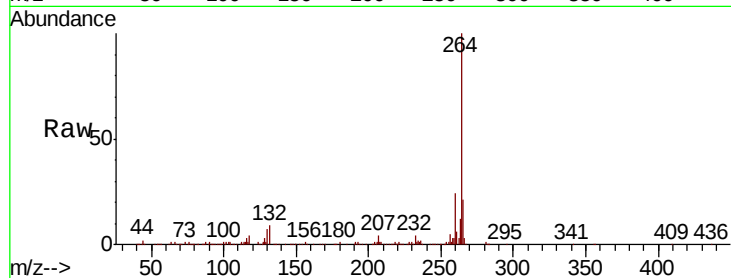




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3747
 Delta R.T. -0.02 min
 Lab File: BG041029.D
 Acq: 3 Jun 2019 11:49

Instrument :
 BNA_G
 ClientSampleId :
 FESB-22(1.5-2)

Tot Ion:	264	Resp:	433374
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.3	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 200000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

