

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043812.D
 Acq On : 12 Dec 2019 1:58
 Operator : JU
 Sample : K6245-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WHITE-BRICK

Quant Time: Dec 12 03:23:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

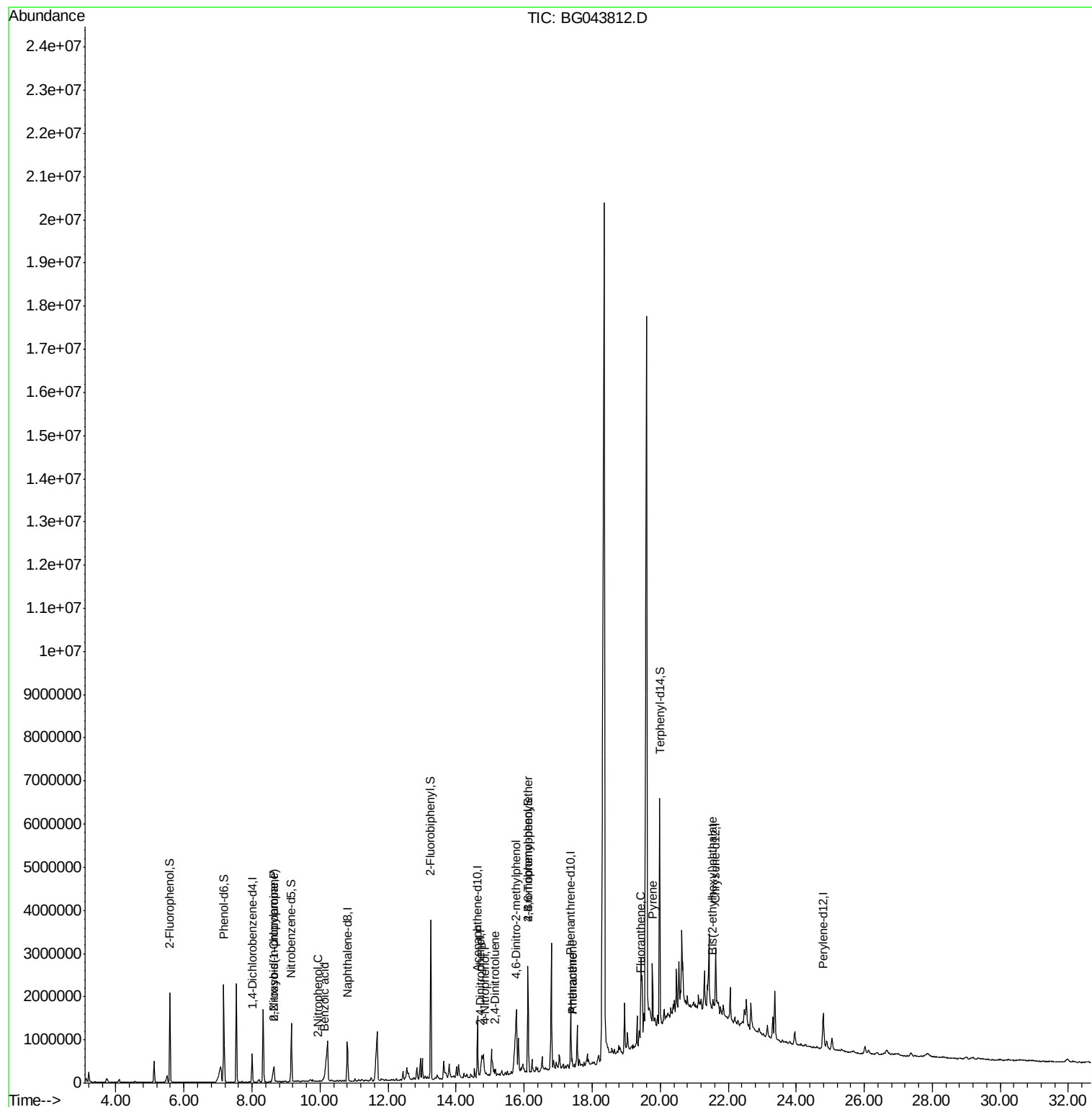
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	198125	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	816577	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	505283	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	964458	20.00	ng	0.00
76) Chrysene-d12	21.63	240	788037	20.00	ng	0.00
87) Perylene-d12	24.79	264	893290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	955925	91.42	ng	0.00
7) Phenol-d6	7.17	99	1350856	89.58	ng	0.01
23) Nitrobenzene-d5	9.16	82	841603	57.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	427105	88.66	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1693583	58.88	ng	0.00
79) Terphenyl-d14	19.99	244	2040180	62.28	ng	0.00
Target Compounds						
9) Benzaldehyde	7.17	77	4810	Below Cal		Qvalue # 3
16) 2,2'-oxybis(1-Chloropropan	8.65	45	42422	2.004	ng	77
19) n-Nitroso-di-n-propylamine	8.64	70	32303	2.802	ng	# 55
26) 2-Nitrophenol	9.94	139	133	8.367	ng	# 1
32) Benzoic acid	10.12	122	19124	8.554	ng	# 82
54) 2,4-Dinitrophenol	14.72	184	54	3.965	ng	# 1
56) 4-Nitrophenol	14.84	139	15426	2.377	ng	95
57) 2,4-Dinitrotoluene	15.15	165	56834	5.412	ng	# 29
65) 4,6-Dinitro-2-methylphenol	15.75	198	246	9.554	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	34015	3.299	ng	# 1
71) Phenanthrene	17.41	178	102933	2.254	ng	93
72) Anthracene	17.41	178	102933	2.277	ng	95
75) Fluoranthene	19.42	202	171245	3.277	ng	96
78) Pyrene	19.78	202	124953	2.426	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	100691	3.273	ng	98

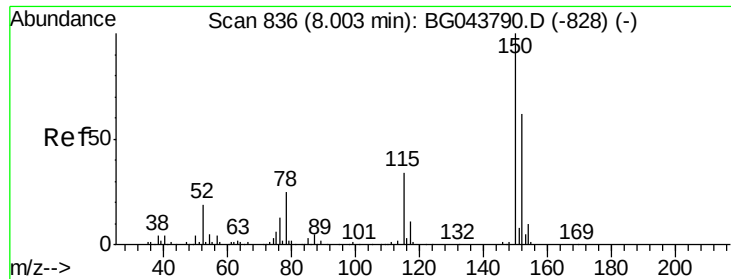
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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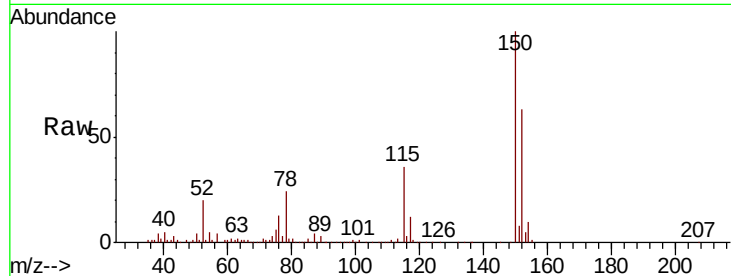


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Instrument :
BNA_G
ClientSampleId :
WHITE-BRICK

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.6	192.8
115	57.0	44.3	66.5

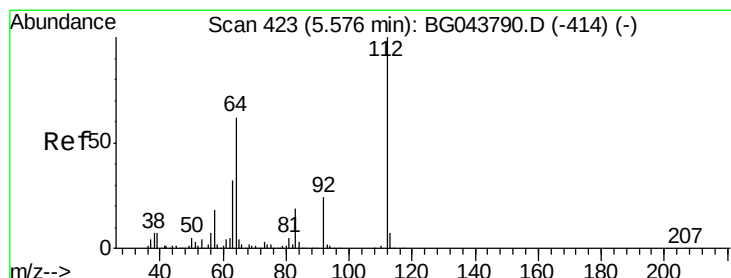
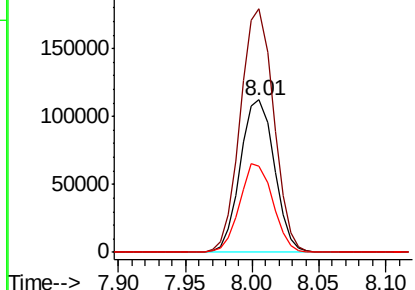
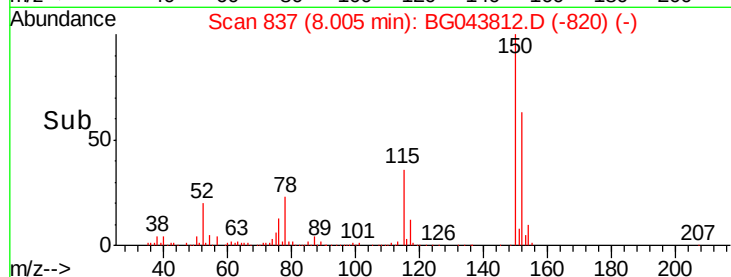


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

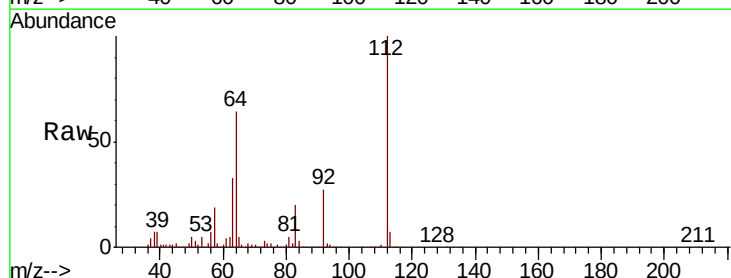
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.418 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.9	74.9
63	33.0	26.0	39.0

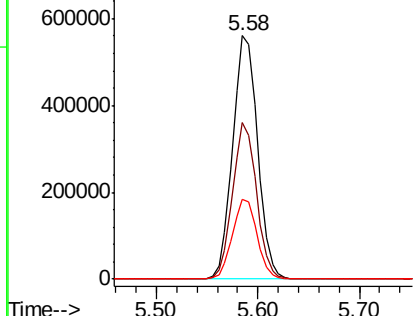
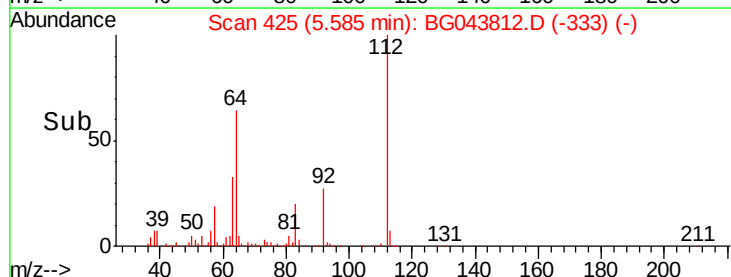


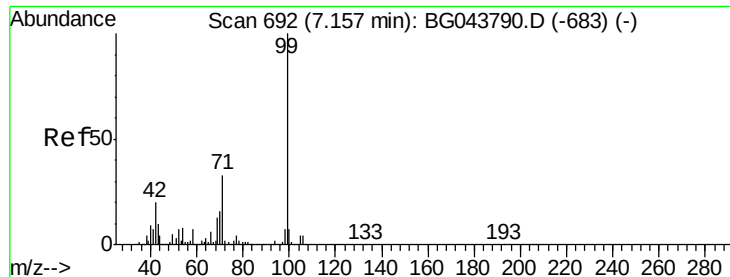
Abundance

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: 89.577 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

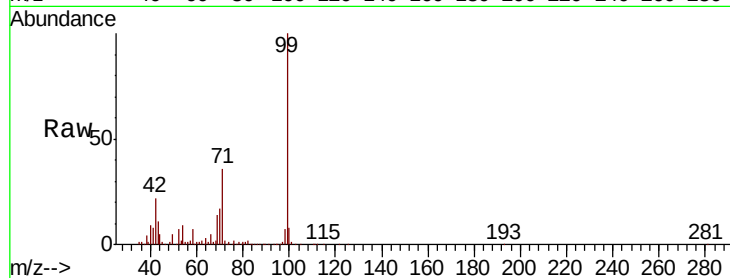
Tot Ion: 99 Resp: 1350856

Ion Ratio Lower Upper

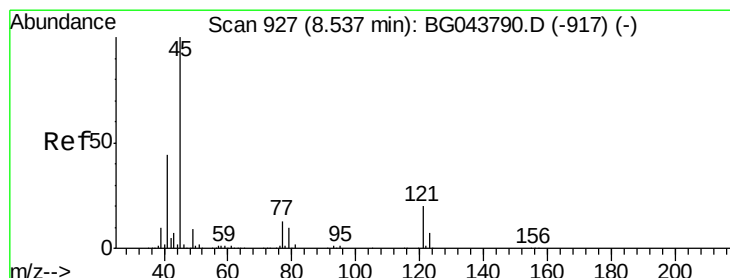
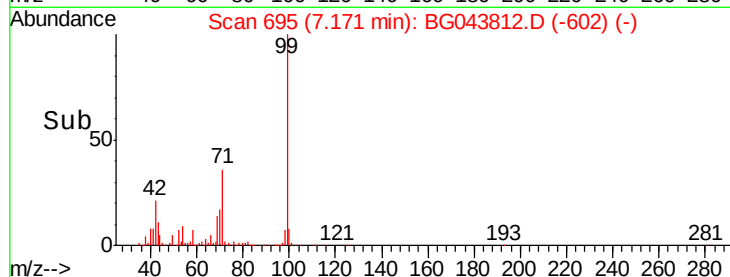
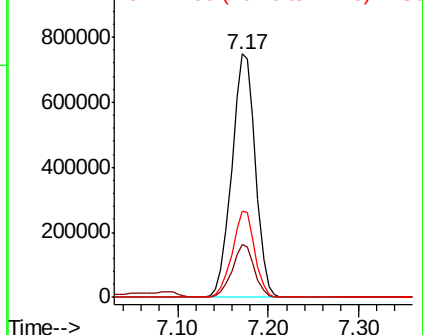
99 100

42 21.5 16.2 24.2

71 35.6 26.6 40.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.004 ng

RT: 8.65 min Scan# 946

Delta R.T. 0.11 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

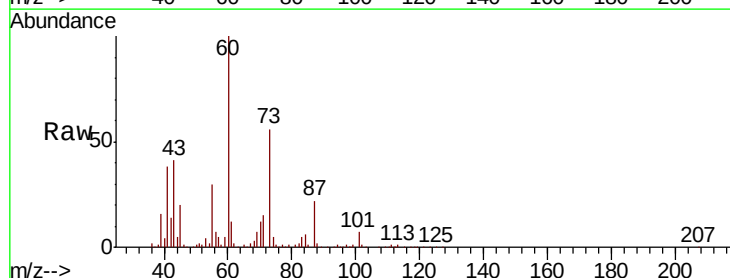
Tgt Ion: 45 Resp: 42422

Ion Ratio Lower Upper

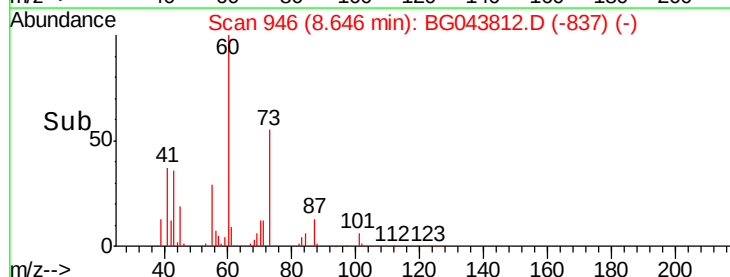
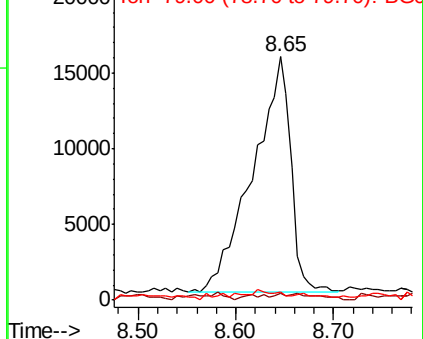
45 100

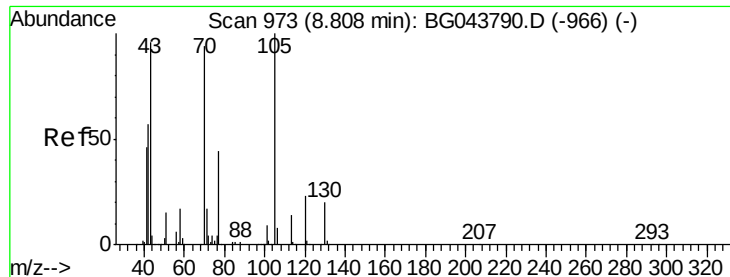
77 2.9 0.0 33.6

79 3.6 0.0 29.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

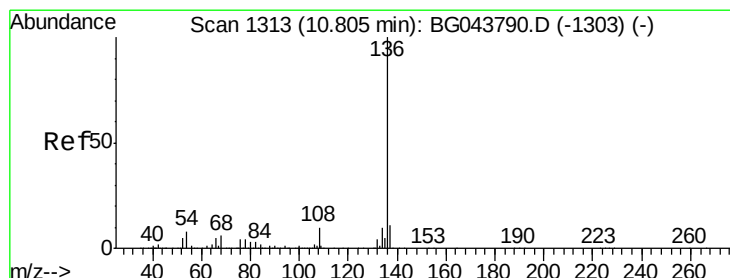
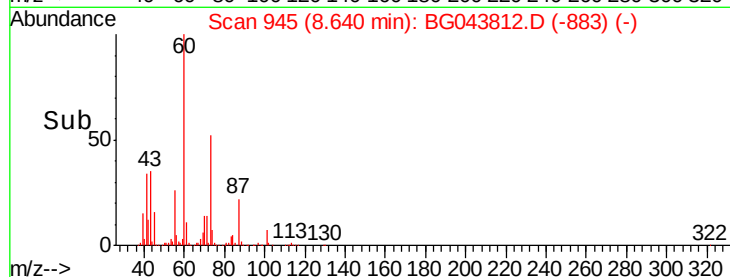
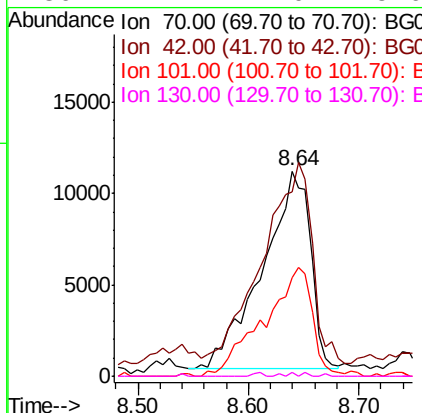
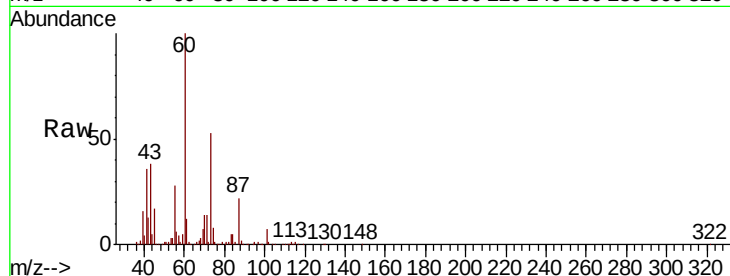




#19
n-Nitroso-di-n-propylamine
Concen: 2.802 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.17 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

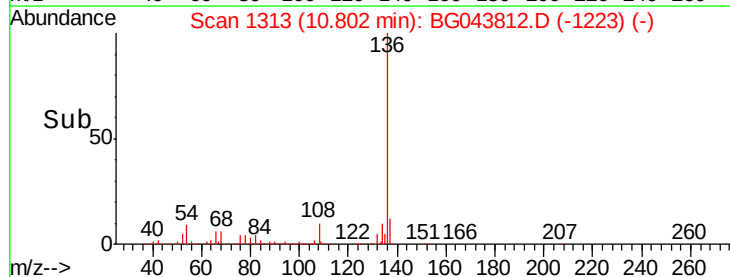
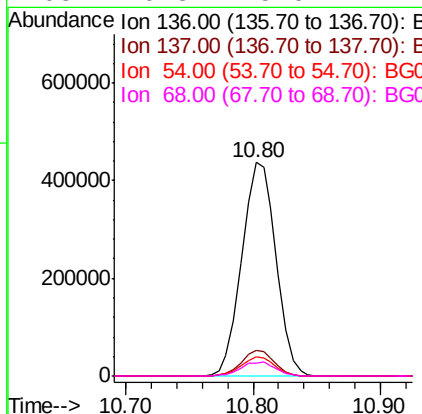
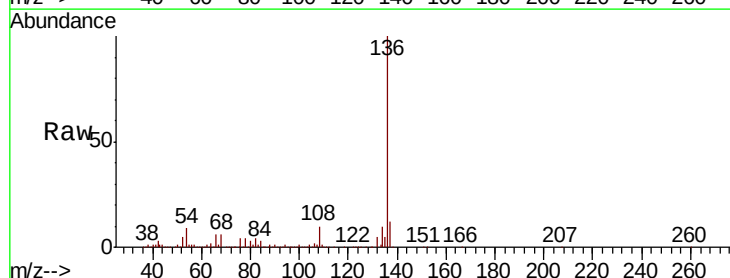
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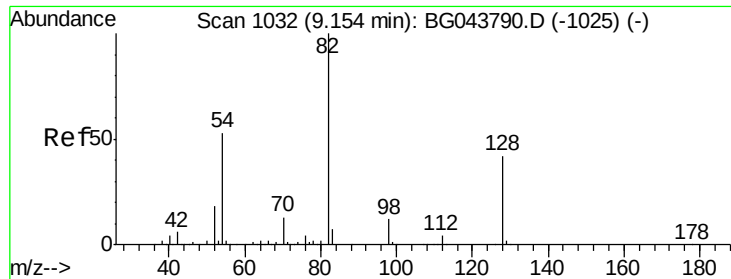
Tot Ion: 70 Resp: 32303
Ion Ratio Lower Upper
70 100
42 89.7 49.2 73.8#
101 47.8 7.8 11.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion: 136 Resp: 816577
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 8.9 6.8 10.2
68 6.3 5.0 7.4

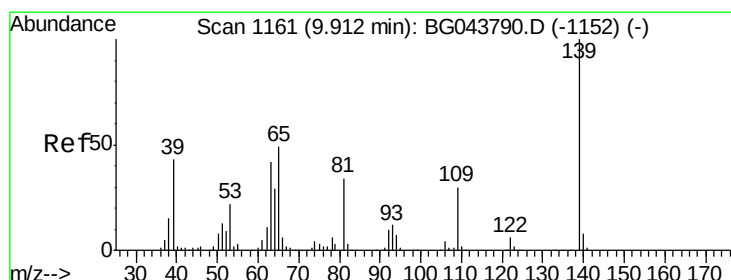
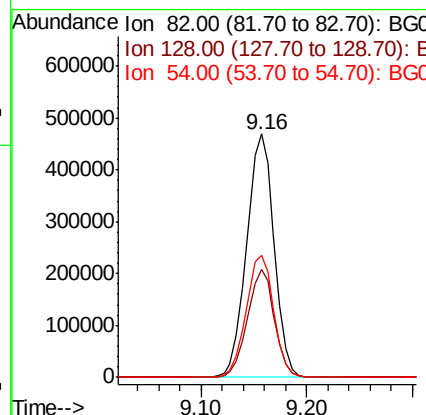
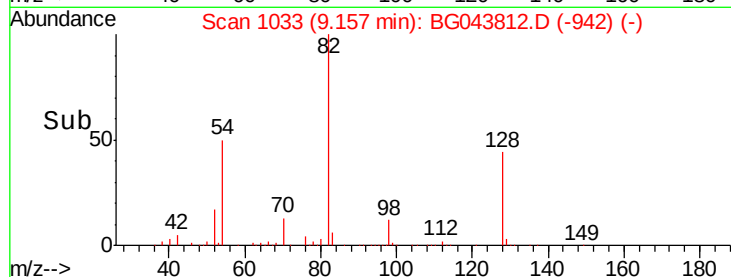
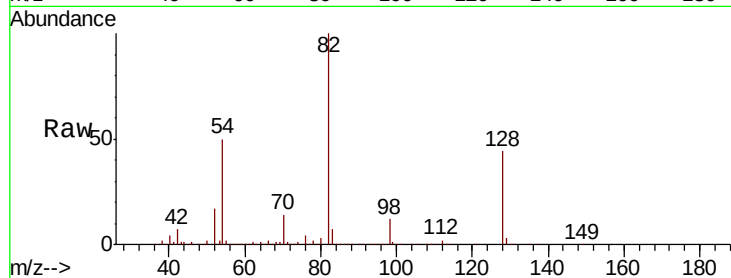




#23
 Nitrobenzene-d5
 Concen: 57.868 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG043812.D
 Acq: 12 Dec 2019 1:58

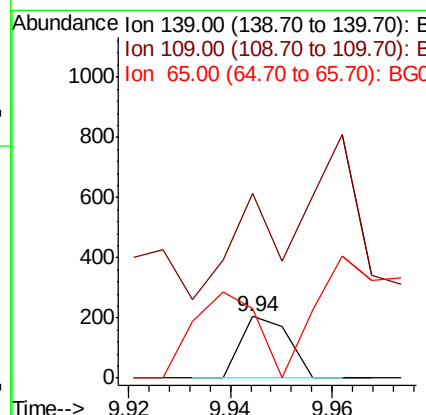
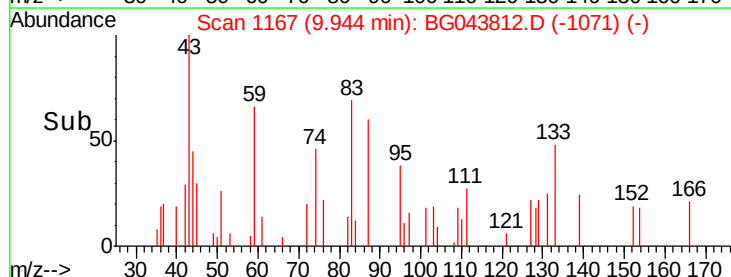
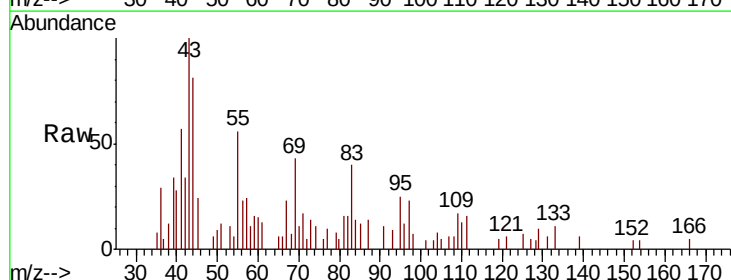
Instrument :
 BNA_G
 ClientSampleId :
 WHITE-BRICK

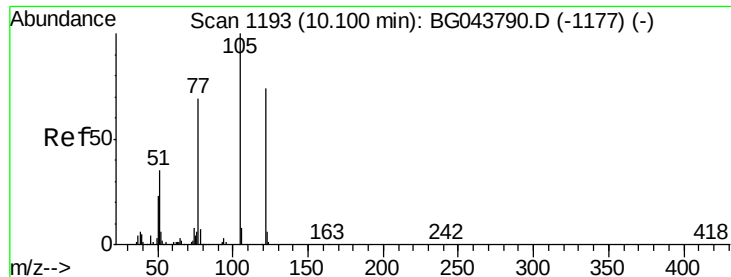
Tot Ion	82	Resp	841603
Ion Ratio	Lower	Upper	
82	100		
128	44.3	33.6	50.4
54	50.4	42.1	63.1



#26
 2-Nitrophenol
 Concen: 8.367 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. 0.03 min
 Lab File: BG043812.D
 Acq: 12 Dec 2019 1:58

Tgt Ion	139	Resp	133
Ion Ratio	Lower	Upper	
139	100		
109	299.5	23.9	35.9#
65	113.2	39.3	58.9#

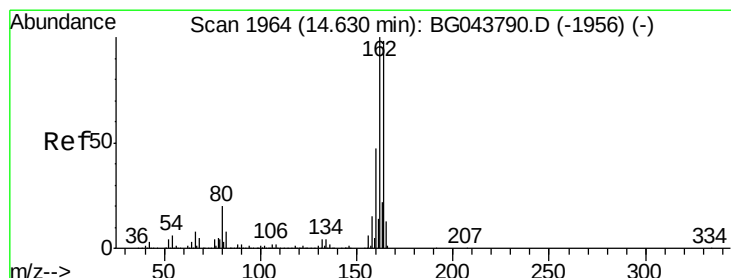
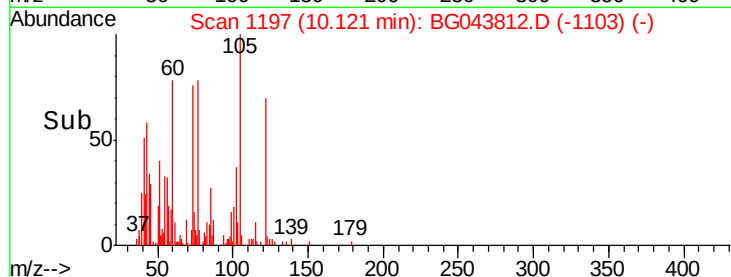
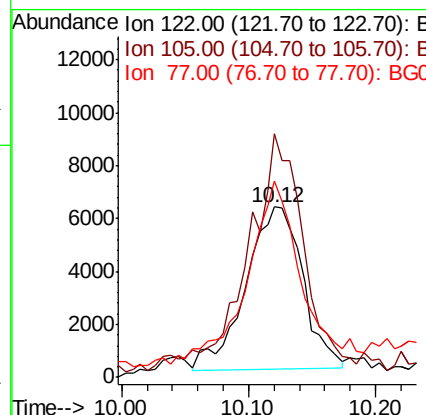
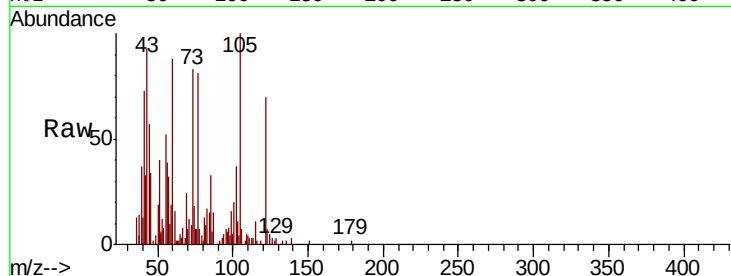




#32
Benzoic acid
Concen: 8.554 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

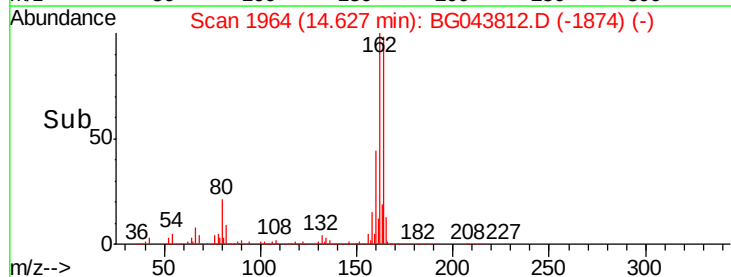
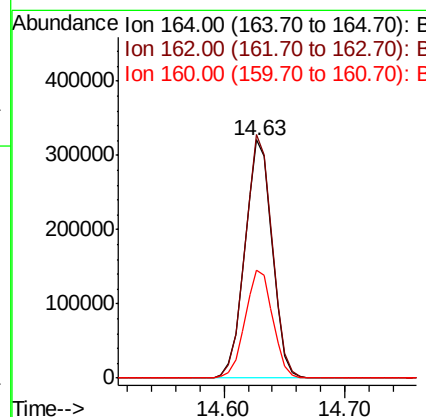
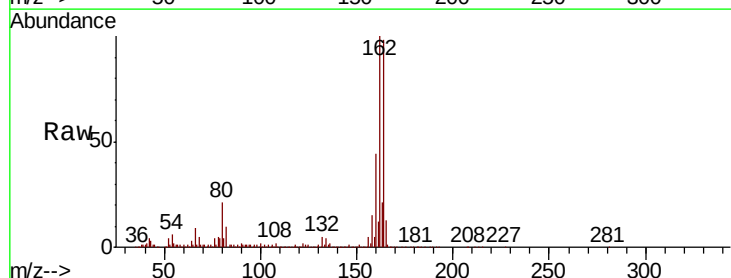
Instrument :
BNA_G
ClientSampleId :
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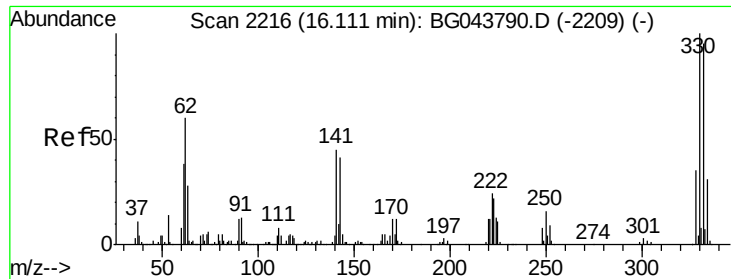
Tot Ion	Ratio	Lower	Upper
122	100		
105	142.8	107.5	147.5
77	115.0	71.7	111.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.9	122.9
160	45.2	38.3	57.5

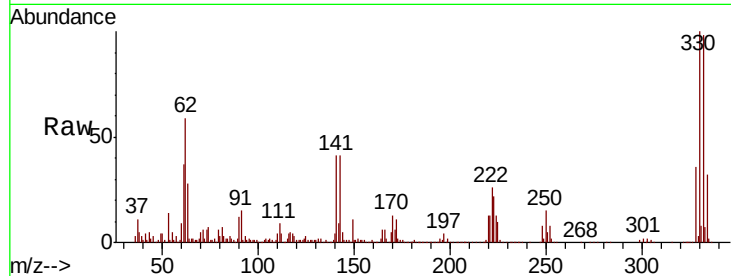




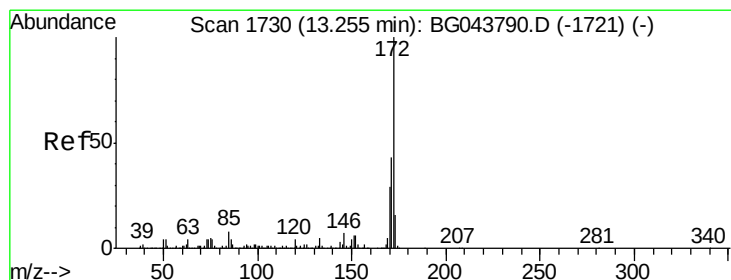
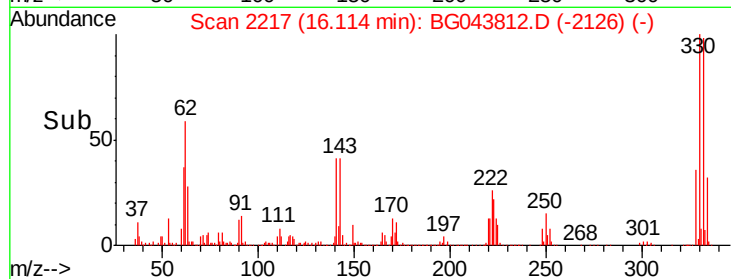
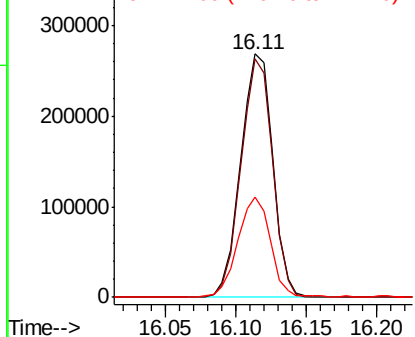
#42
 2,4,6-Tribromophenol
 Concen: 88.664 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043812.D
 Acq: 12 Dec 2019 1:58

Instrument :
 BNA_G
 ClientSampleId :
 WHITE-BRICK

Tot Ion:330 Resp: 427105
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 41.2 33.8 50.8

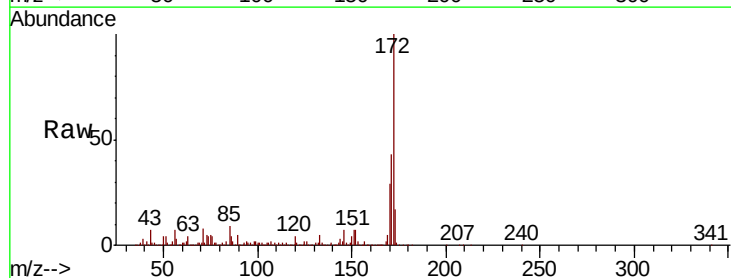


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

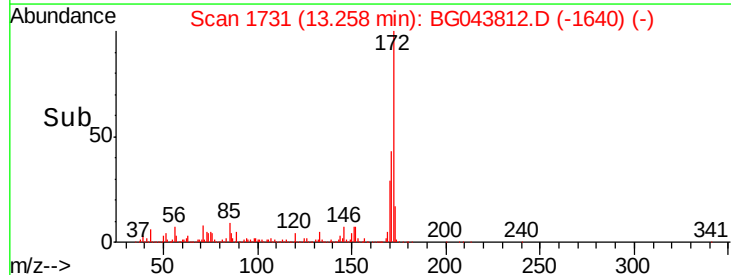
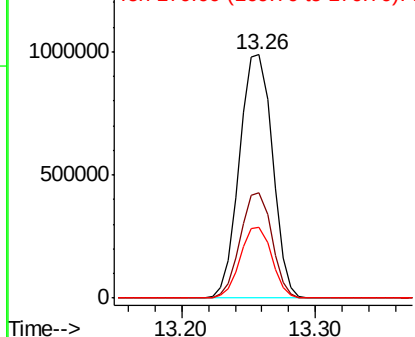


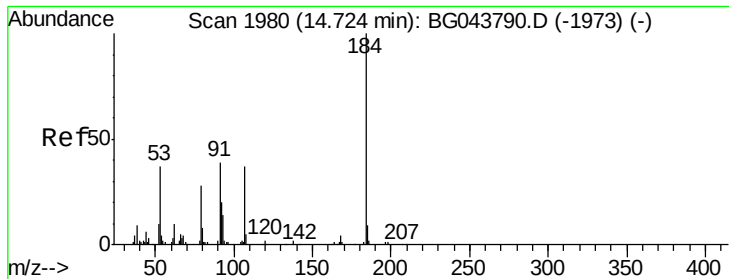
#45
 2-Fluorobiphenyl
 Concen: 58.876 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG043812.D
 Acq: 12 Dec 2019 1:58

Tgt Ion:172 Resp: 1693583
 Ion Ratio Lower Upper
 172 100
 171 43.4 34.6 51.8
 170 29.2 23.3 34.9



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





#54

2,4-Dinitrophenol

Concen: 3.965 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

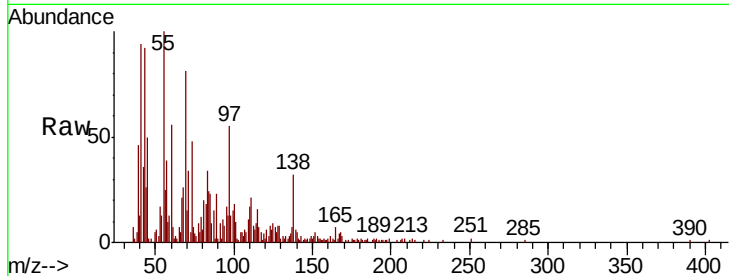
Tot Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 311.8 43.4 65.0#

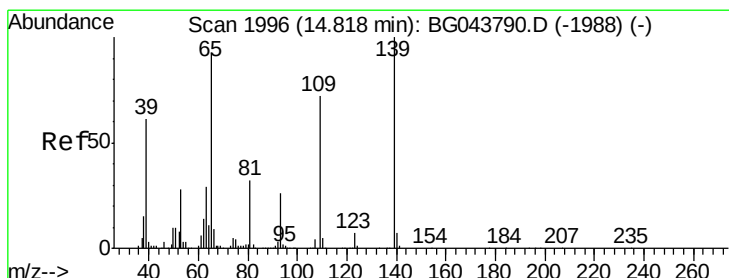
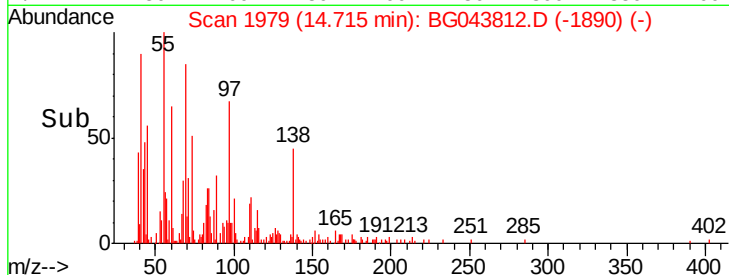
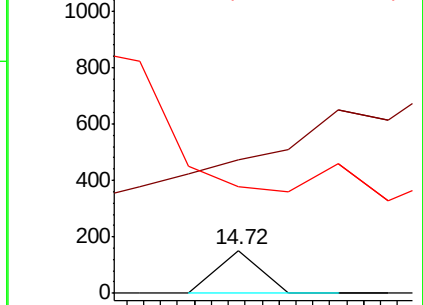
154 248.0 54.8 82.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 2.377 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

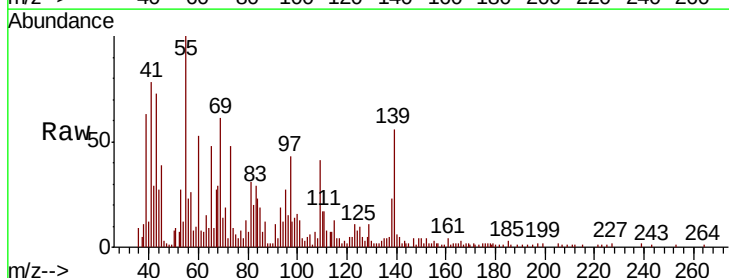
Tgt Ion:139 Resp: 15426

Ion Ratio Lower Upper

139 100

109 73.7 51.5 91.5

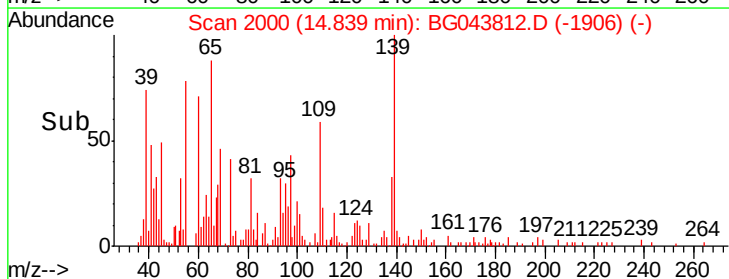
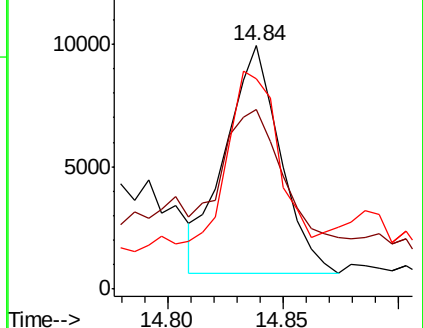
65 86.3 73.7 113.7

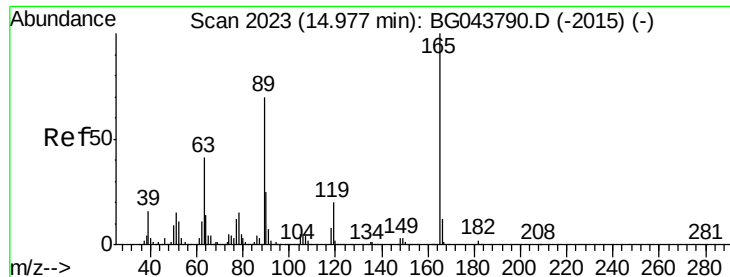


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

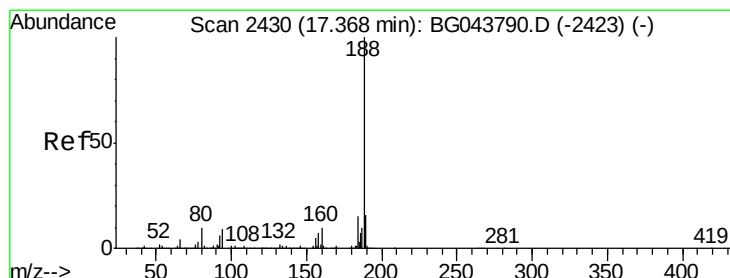
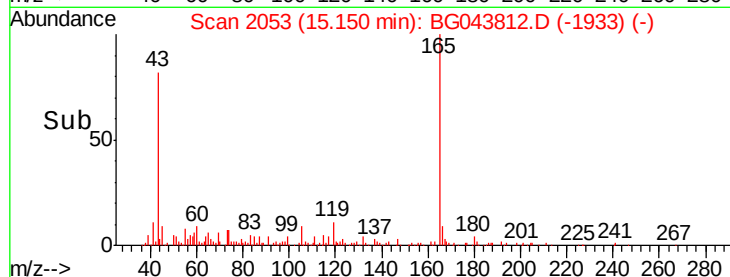
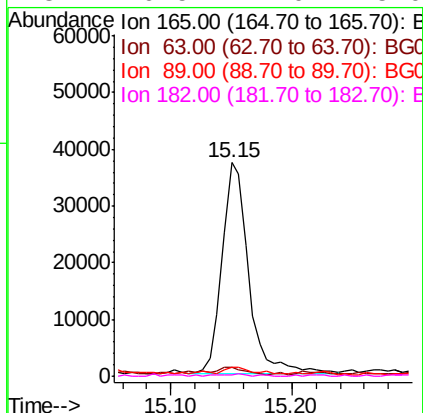
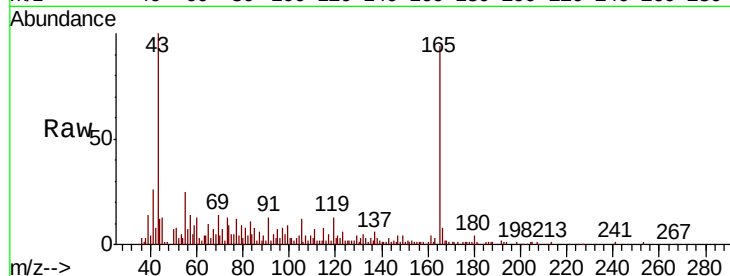




#57
 2,4-Dinitrotoluene
 Concen: 5.412 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.17 min
 Lab File: BG043812.D
 Acq: 12 Dec 2019 1:58

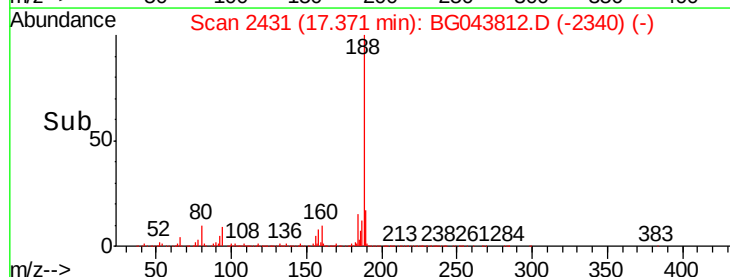
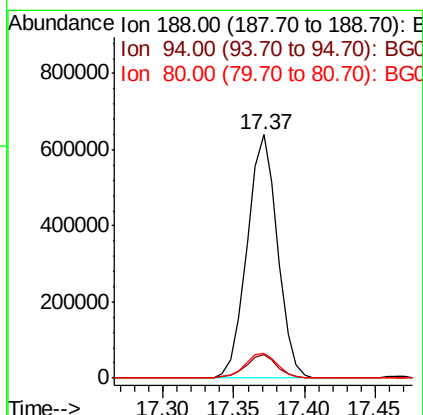
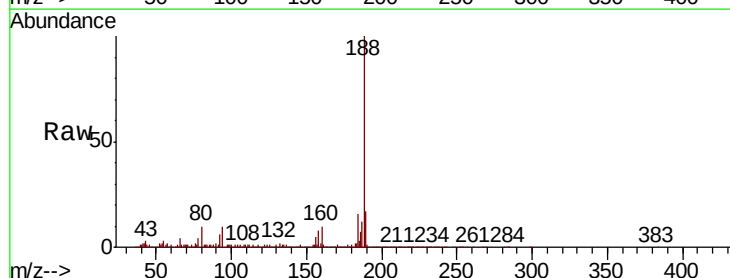
Instrument :
 BNA_G
 ClientSampleId :
 WHITE-BRICK

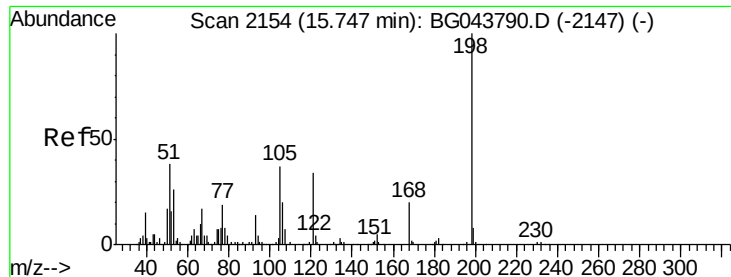
Tot Ion:165 Resp: 56834
 Ion Ratio Lower Upper
 165 100
 63 4.0 32.7 49.1#
 89 3.9 56.1 84.1#
 182 0.5 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BG043812.D
 Acq: 12 Dec 2019 1:58

Tgt Ion:188 Resp: 964458
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.9 10.3
 80 10.4 7.8 11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 9.554 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

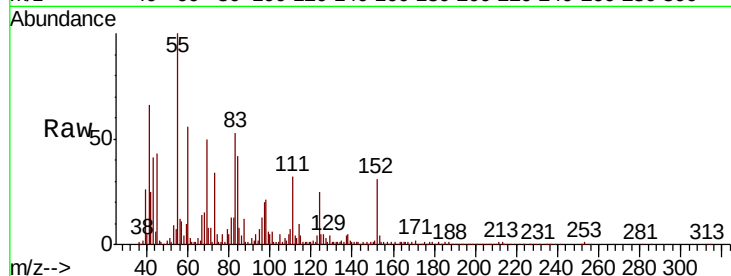
Tot Ion:198 Resp: 246

Ion Ratio Lower Upper

198 100

51 1461.8 18.9 58.9#

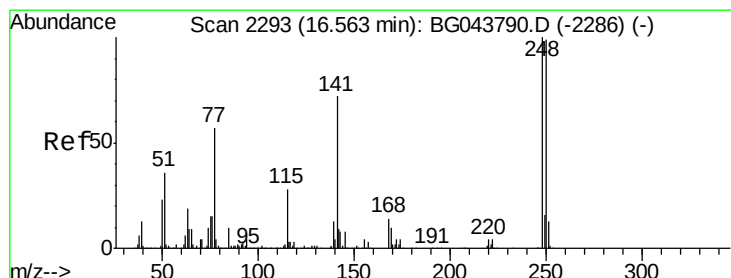
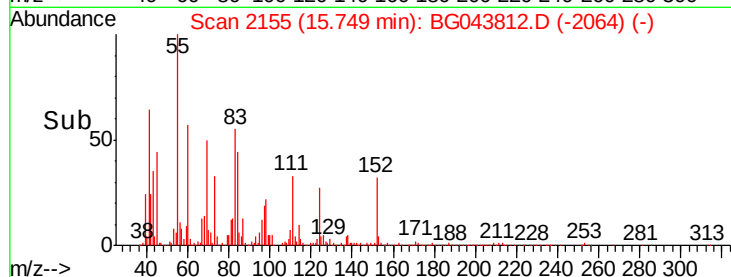
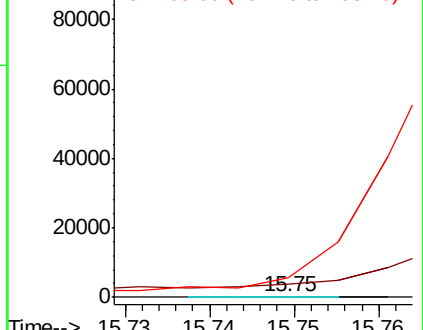
105 2132.4 18.1 58.1#



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



#67

4-Bromophenyl-phenylether

Concen: 3.299 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.45 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

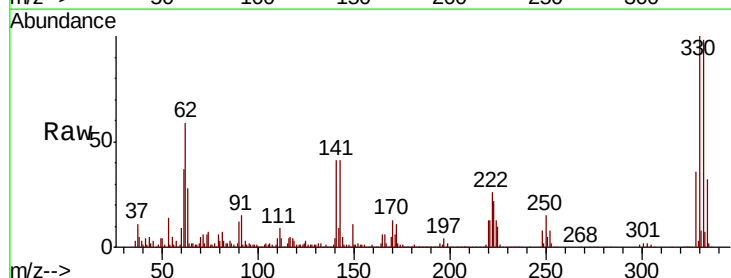
Tgt Ion:248 Resp: 34015

Ion Ratio Lower Upper

248 100

250 187.3 79.0 118.6#

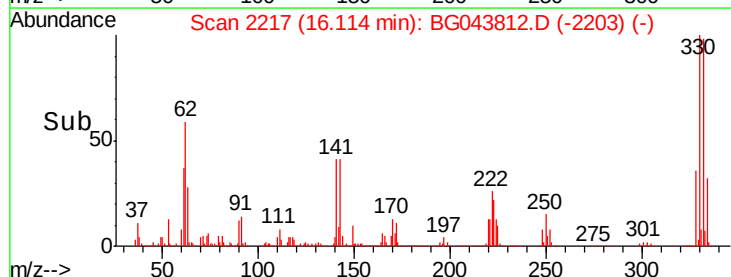
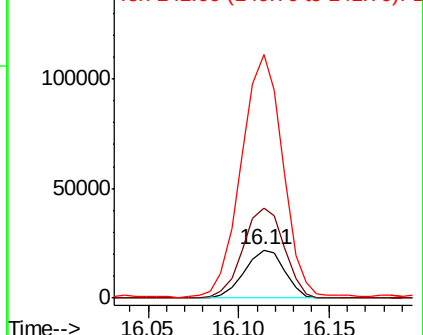
141 507.7 57.8 86.6#

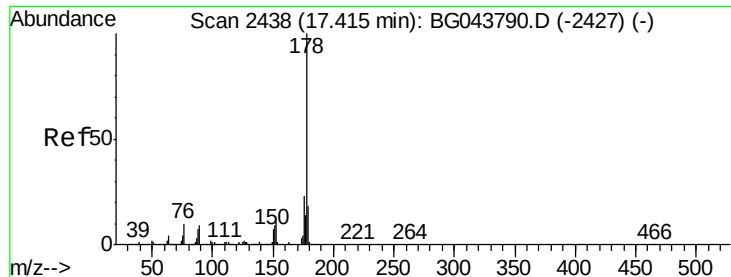


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 2.254 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

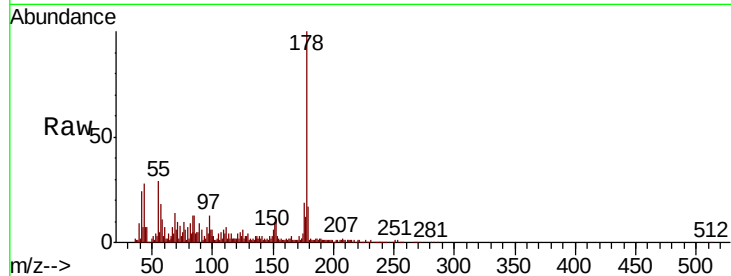
Tot Ion:178 Resp: 102933

Ion Ratio Lower Upper

178 100

176 18.7 18.6 27.8

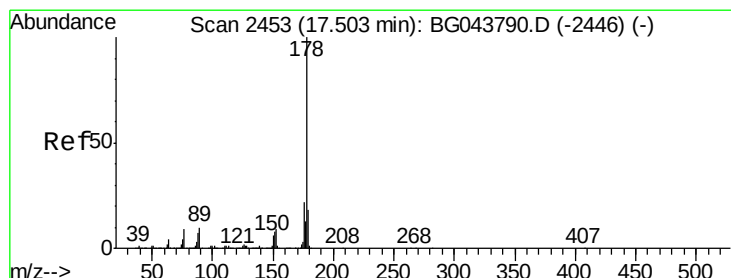
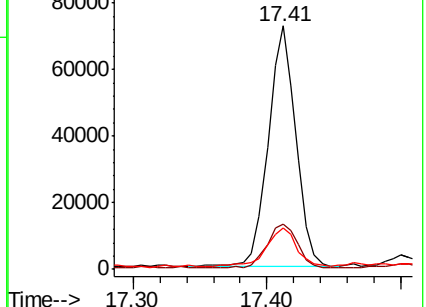
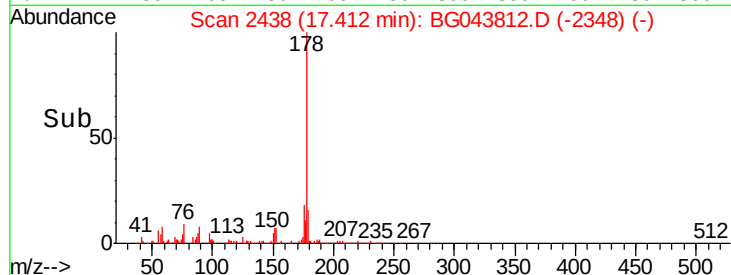
179 17.0 14.7 22.1



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: 2.277 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.09 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

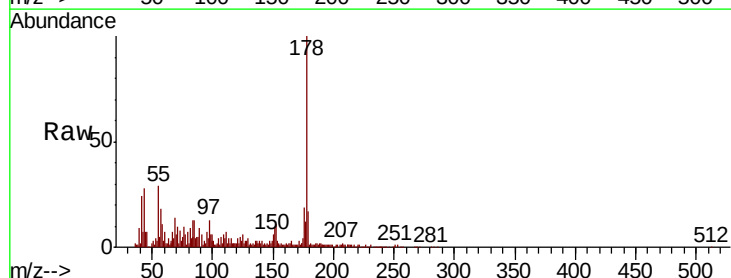
Tgt Ion:178 Resp: 102933

Ion Ratio Lower Upper

178 100

176 18.7 17.7 26.5

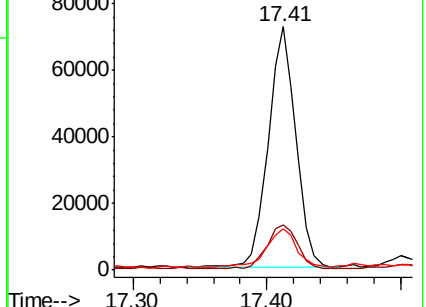
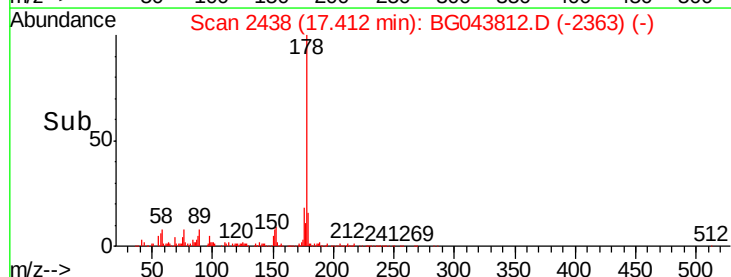
179 17.0 14.5 21.7

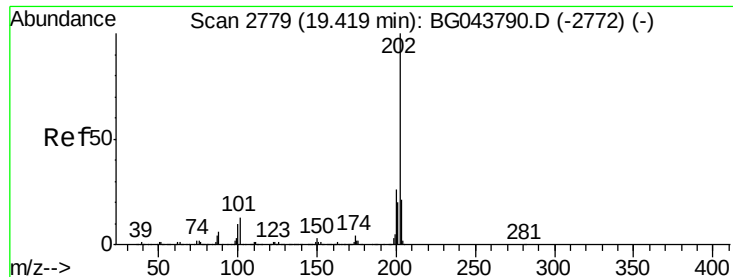


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.277 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

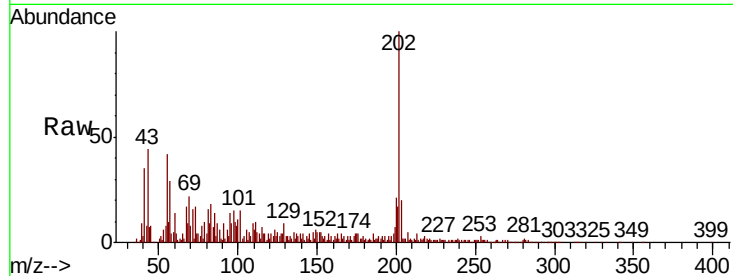
Tot Ion:202 Resp: 171245

Ion Ratio Lower Upper

202 100

101 15.1 0.0 32.7

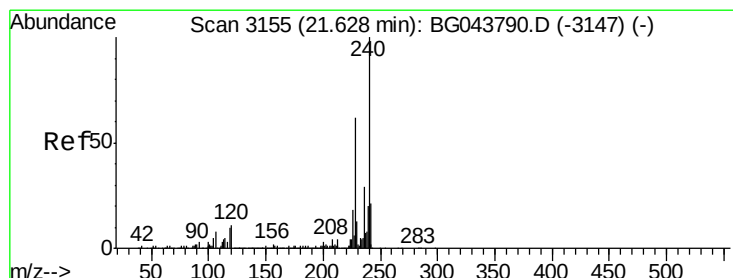
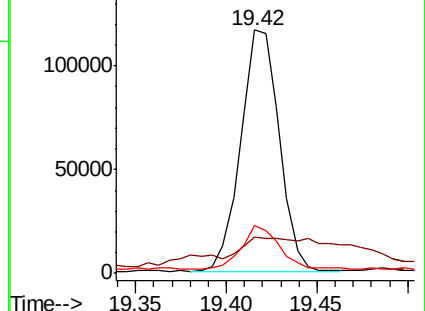
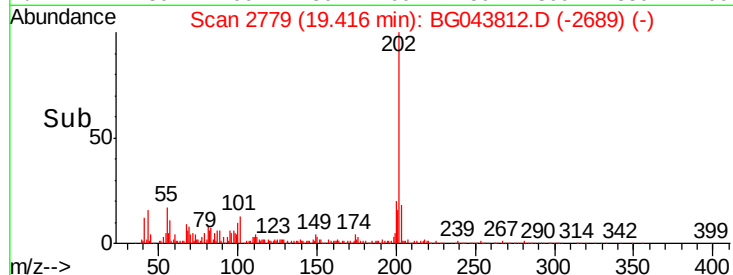
203 19.6 1.0 41.0



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: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

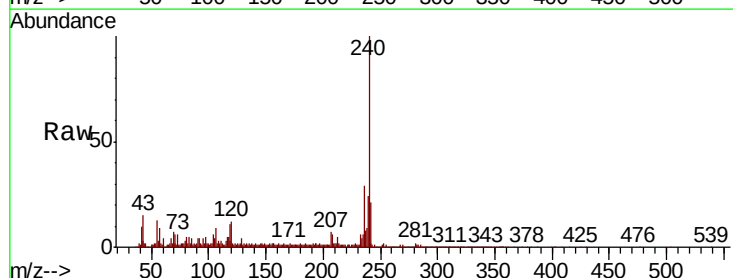
Tgt Ion:240 Resp: 788037

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

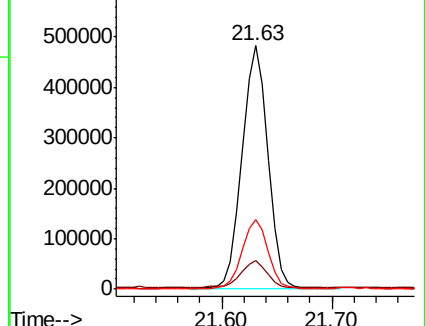
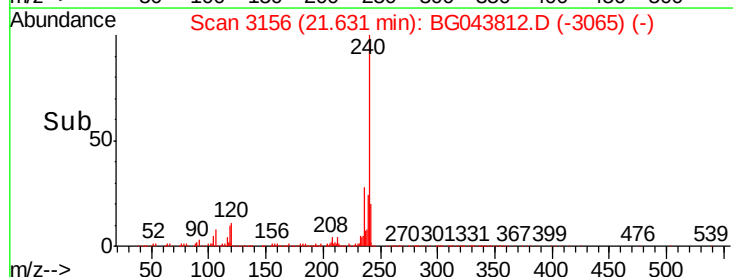
236 28.5 23.1 34.7

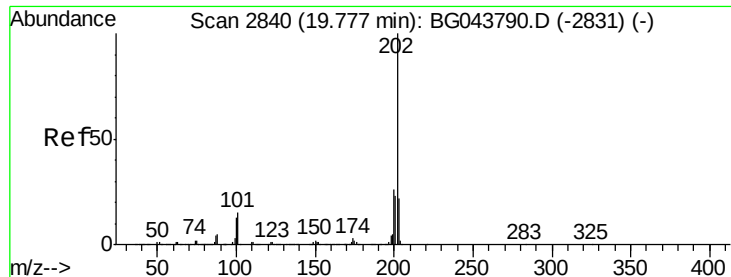


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

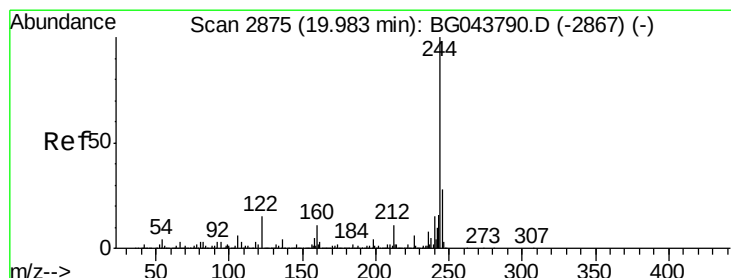
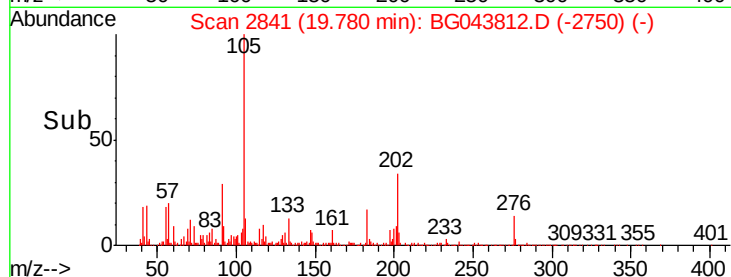
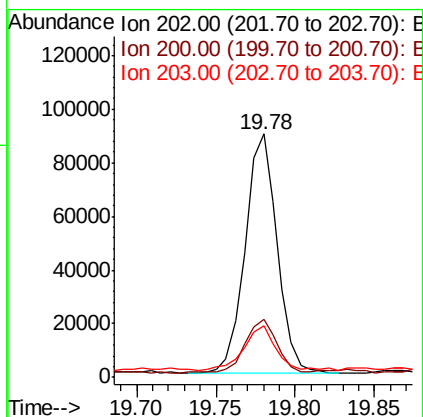
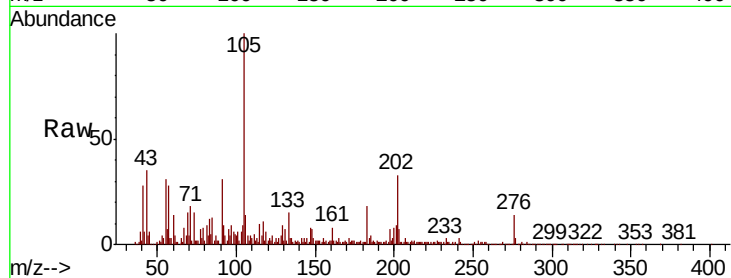




#78
Pvrene
Concen: 2.426 ng
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

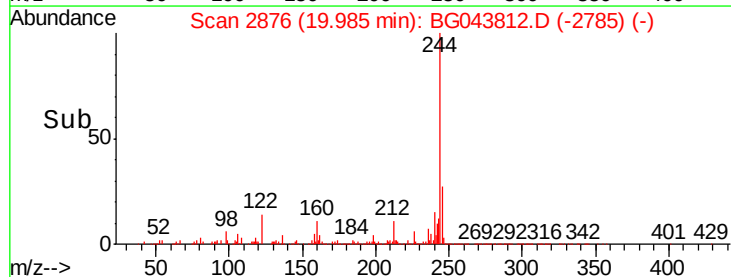
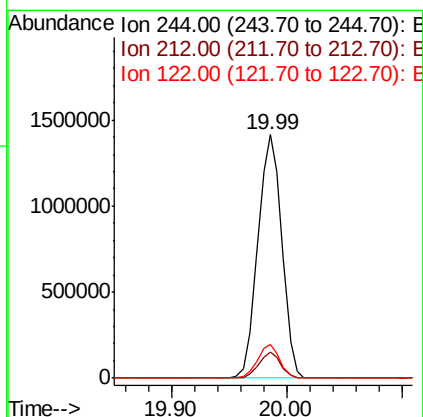
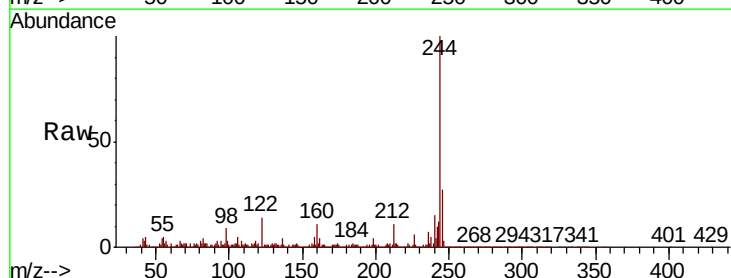
Instrument :
BNA_G
ClientSampleId :
WHITE-BRICK

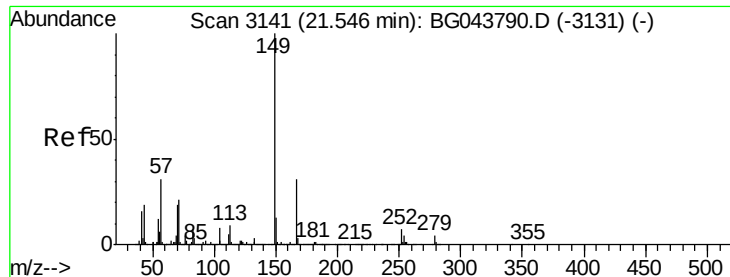
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	20.8	31.2
203	21.2	17.7	26.5



#79
Terphenyl-d14
Concen: 62.284 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.1	13.7
122	13.9	11.6	17.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.273 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

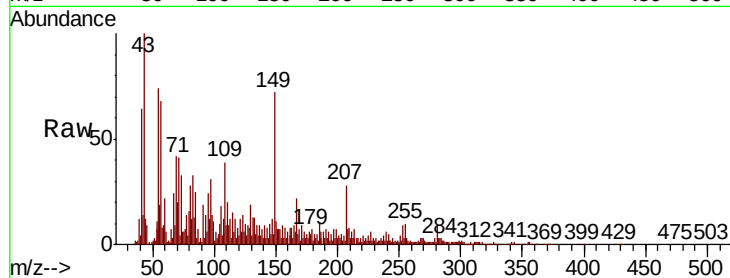
Tot Ion:149 Resp: 100691

Ion Ratio Lower Upper

149 100

167 30.2 25.1 37.7

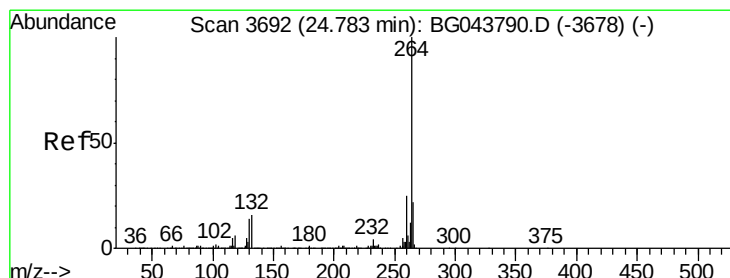
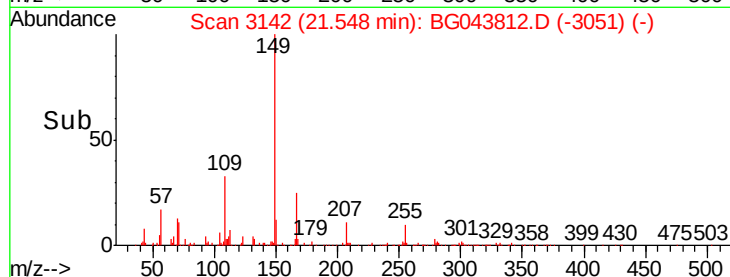
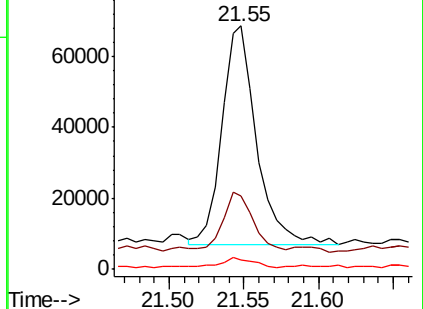
279 3.7 3.5 5.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

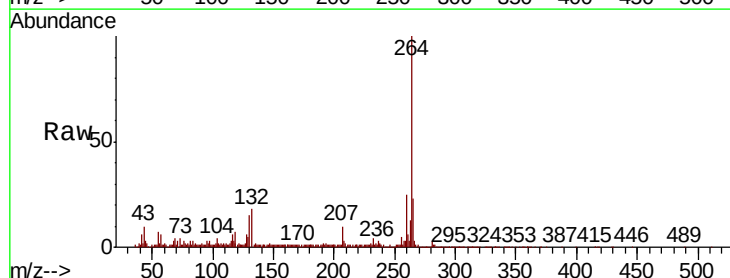
Tgt Ion:264 Resp: 893290

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 23.1 17.9 26.9



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

