

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
 Data File : BG046019.D
 Acq On : 13 Jul 2020 11:30
 Operator : CG/JU
 Sample : L3217-17RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E3-41-NHLRE

Quant Time: Jul 13 12:06:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	185622	20.00	ng	0.01
21) Naphthalene-d8	10.81	136	798779	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	486916	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	928480	20.00	ng	0.00
76) Chrysene-d12	21.63	240	770038	20.00	ng	0.00
86) Perylene-d12	24.78	264	810806	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.73	112	47130	4.12	ng	0.14
7) Phenol-d6	7.41	99	79322	4.81	ng	0.25
23) Nitrobenzene-d5	9.16	82	53688	3.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	21339	4.72	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	123353	3.95	ng	0.00
79) Terphenyl-d14	19.99	244	158425	4.58	ng	0.00

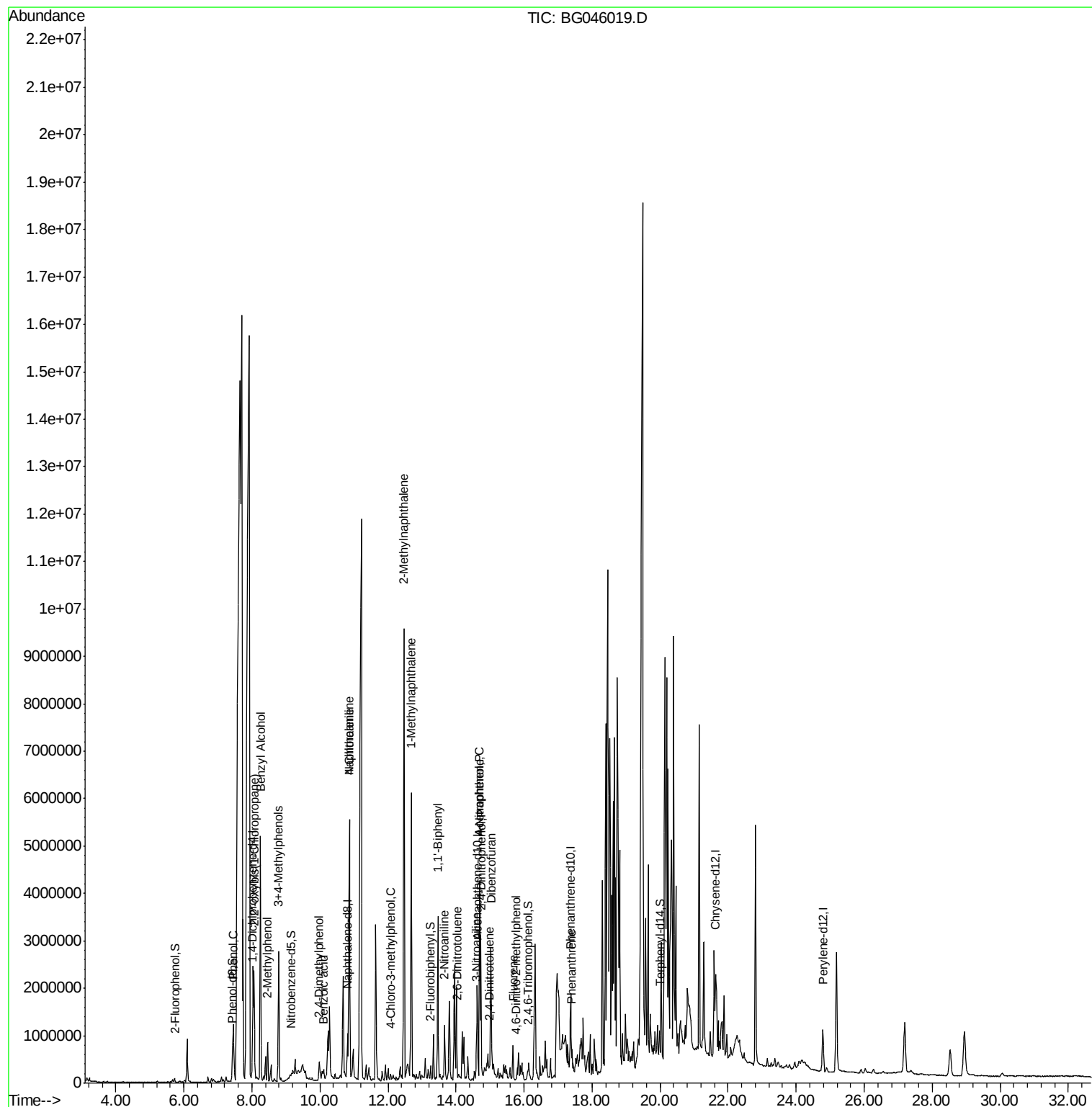
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.45	94	1022192	61.835	ng	98
15) Benzyl Alcohol	8.25	79	513809	39.764	ng	# 58
16) 2,2'-oxybis(1-Chloropropan	8.07	45	179127	10.043	ng	66
17) 2-Methylphenol	8.46	107	263762	21.264	ng	96
20) 3+4-Methylphenols	8.79	107	1218220	72.062	ng	93
27) 2,4-Dimethylphenol	9.98	122	162807	13.501	ng	95
31) Naphthalene	10.86	128	3860466	90.153	ng	# 86
32) Benzoic acid	10.12	122	77112	15.558	ng	93
33) 4-Chloroaniline	10.86	127	699555	36.559	ng	# 36
36) 4-Chloro-3-methylphenol	12.08	107	43657	3.071	ng	97
37) 2-Methylnaphthalene	12.47	142	4287146	140.840	ng	# 86
38) 1-Methylnaphthalene	12.68	142	2677081	93.189	ng	# 97
46) 1,1'-Biphenyl	13.46	154	1652359	45.111	ng	96
48) 2-Nitroaniline	13.67	65	8462	4.341	ng	# 34
51) 2,6-Dinitrotoluene	14.03	165	13680	5.260	ng	93
52) Acenaphthene	14.69	154	1509812	51.334	ng	98
53) 3-Nitroaniline	14.60	138	2659	3.294	ng	# 47
54) 2,4-Dinitrophenol	14.75	184	3859	7.568	ng	# 1
55) Dibenzofuran	15.03	168	1410141	32.708	ng	98
56) 4-Nitrophenol	14.70	139	21538	3.618	ng	# 52
57) 2,4-Dinitrotoluene	14.99	165	5286	4.543	ng	# 85
58) Fluorene	15.67	166	313977	8.878	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	373	6.891	ng	# 1
71) Phenanthrene	17.41	178	298196	6.075	ng	98

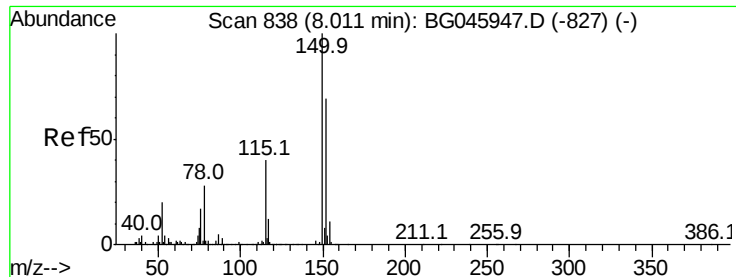
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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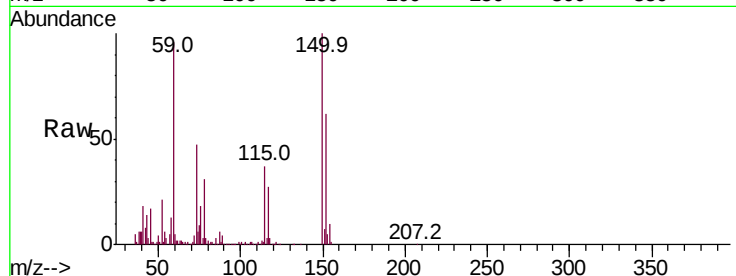


#1

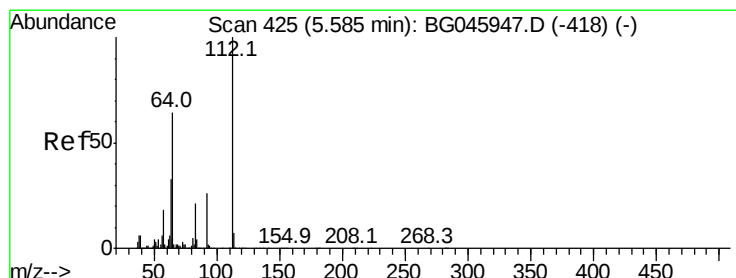
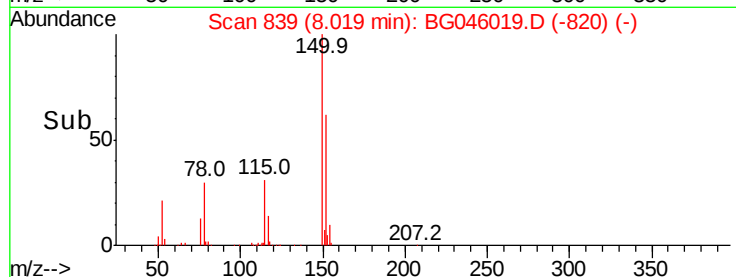
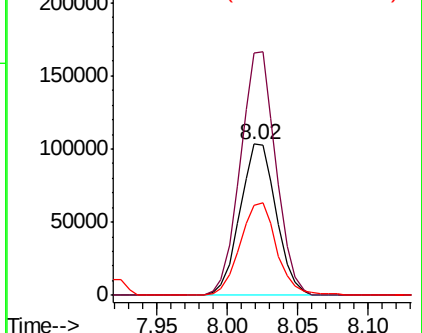
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

Tot Ion:152 Resp: 185622
Ion Ratio Lower Upper
152 100
150 160.5 116.7 175.1
115 59.8 47.4 71.0



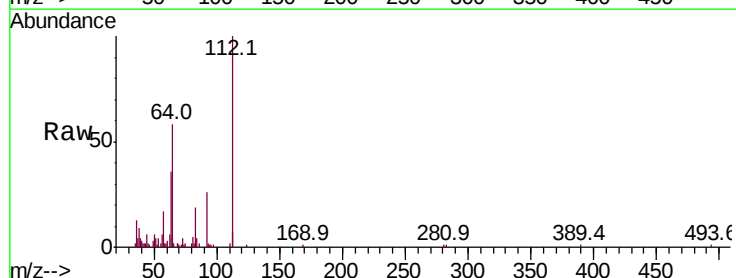
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



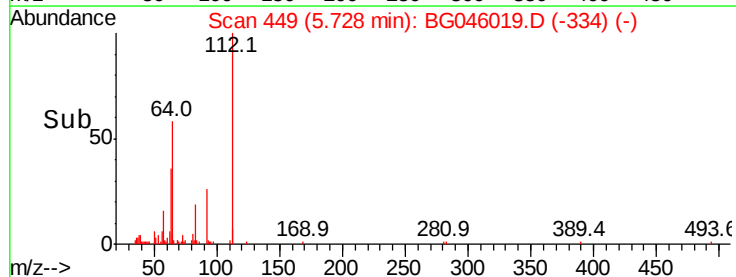
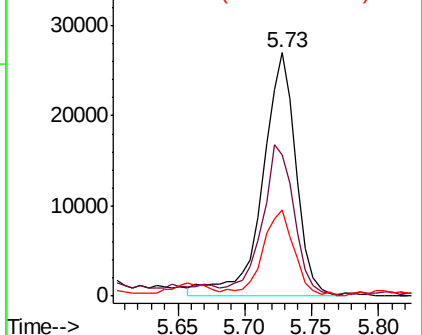
#5

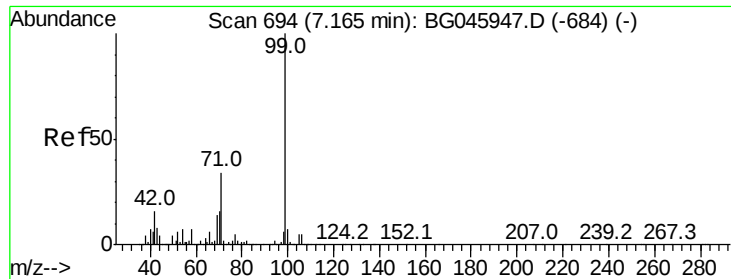
2-Fluorophenol
Concen: 4.117 ng
RT: 5.73 min Scan# 449
Delta R.T. 0.14 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion:112 Resp: 47130
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.2
63 35.6 26.6 40.0



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: 4.813 ng

RT: 7.41 min Scan# 736

Delta R.T. 0.25 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

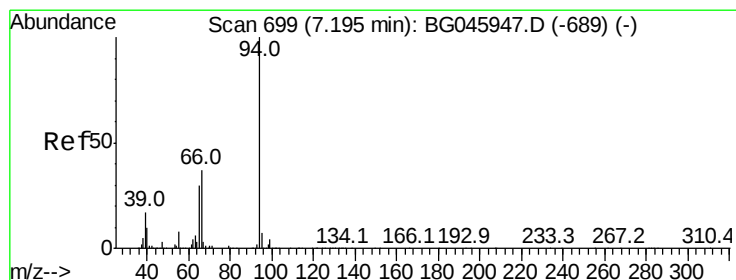
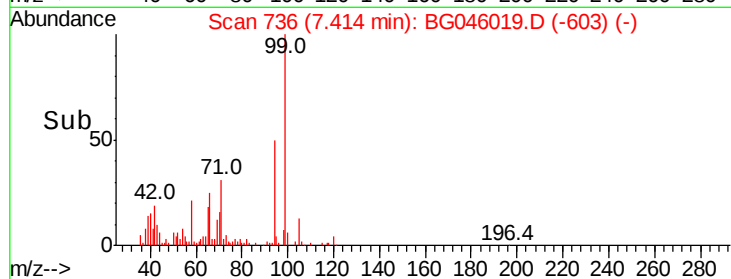
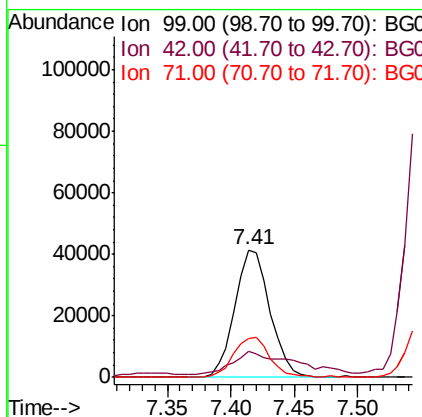
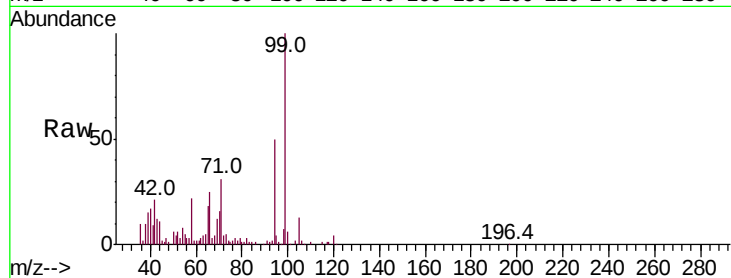
BNA_G

ClientSampleId :

E3-41-NHLRE

Tot Ion: 99 Resp: 79322

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.0	19.4#
71	30.9	27.5	41.3



#10

Phenol

Concen: 61.835 ng

RT: 7.45 min Scan# 742

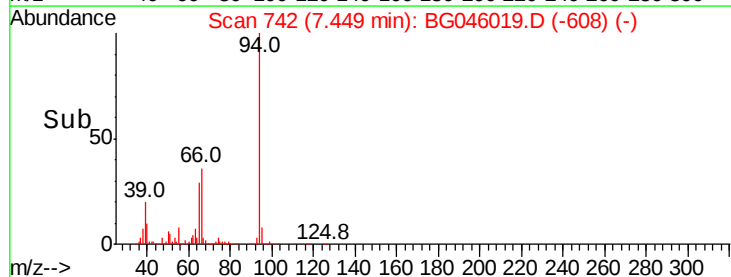
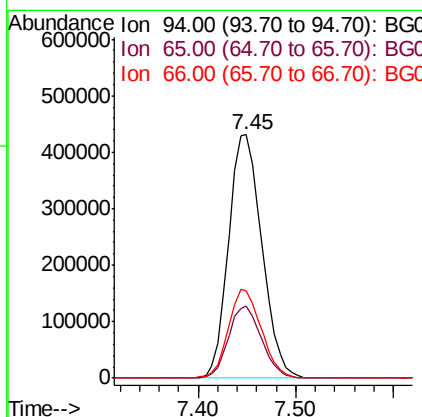
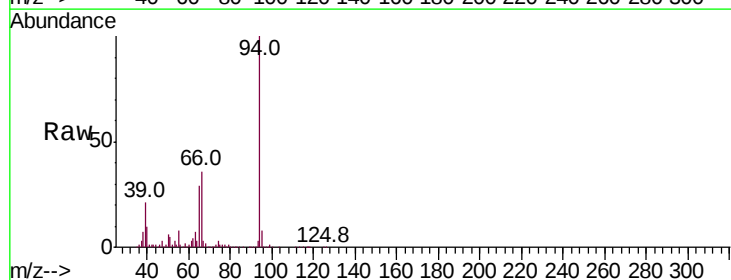
Delta R.T. 0.25 min

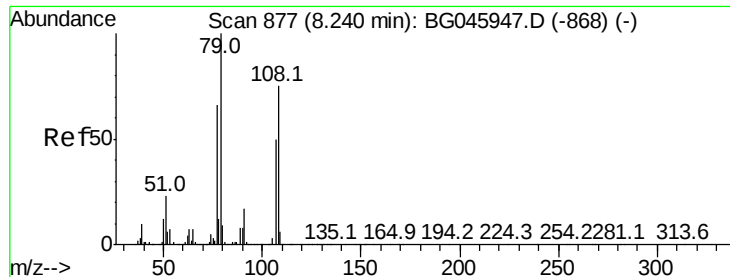
Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Tgt Ion: 94 Resp: 1022192

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.6	50.6
66	36.1	17.1	57.1





#15

Benzyl Alcohol

Concen: 39.764 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.02 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

BNA_G

ClientSampleId :

E3-41-NHLRE

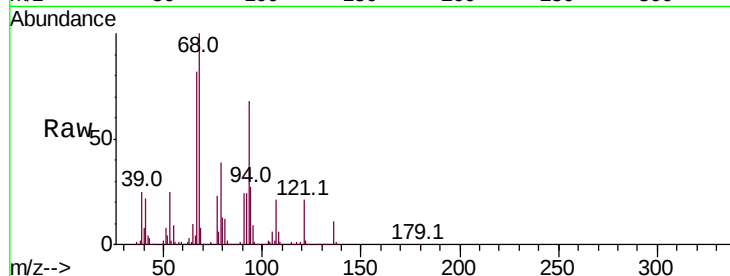
Tot Ion: 79 Resp: 513809

Ion Ratio Lower Upper

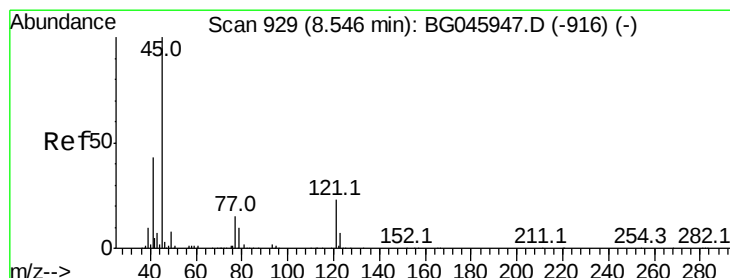
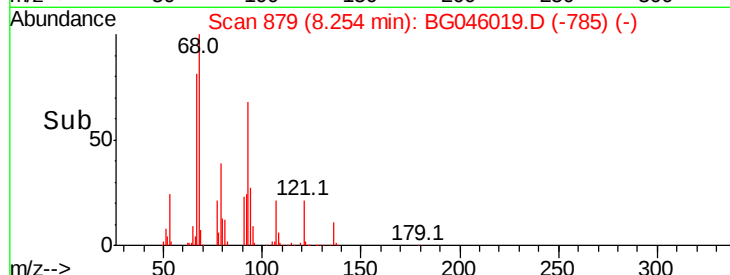
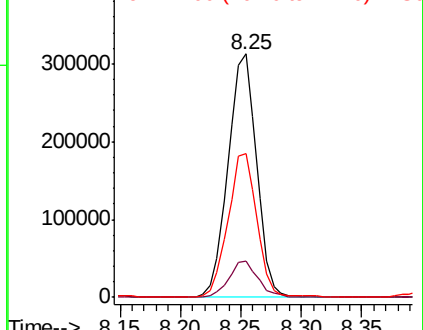
79 100

108 15.1 60.2 90.4#

77 59.3 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.043 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.47 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

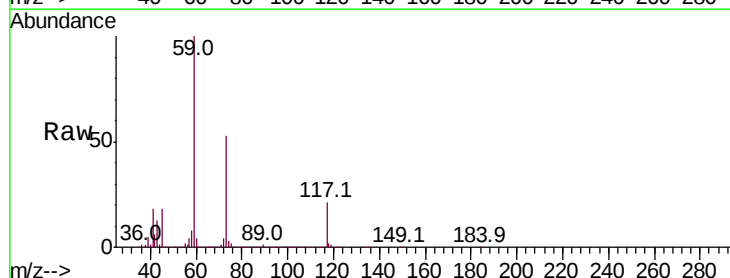
Tgt Ion: 45 Resp: 179127

Ion Ratio Lower Upper

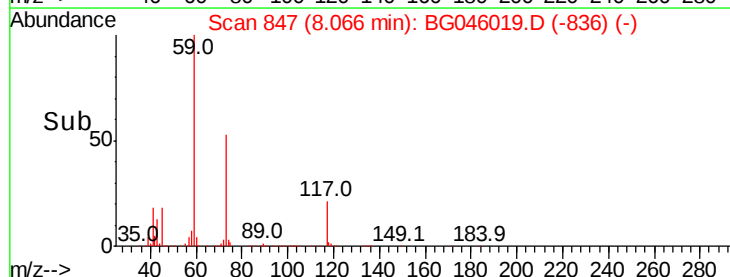
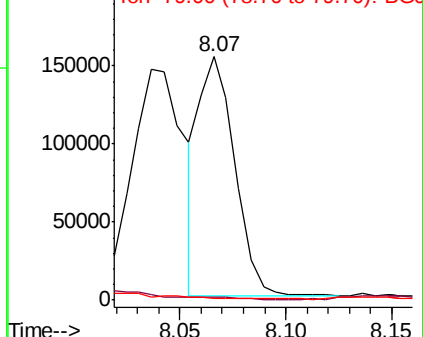
45 100

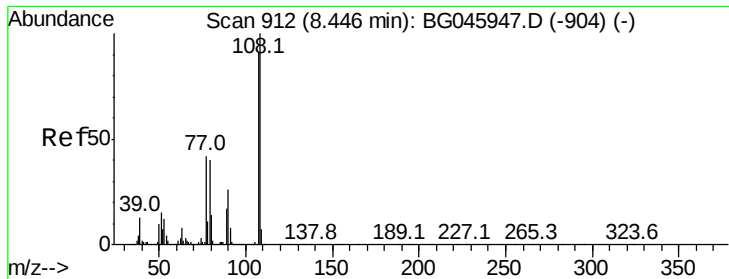
77 1.0 0.0 37.6

79 0.9 0.0 32.6



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

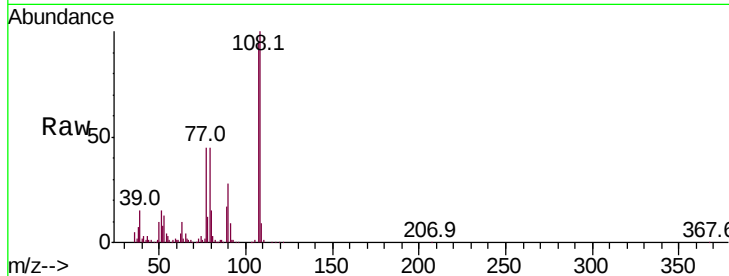




#17
2-Methylphenol
Concen: 21.264 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.02 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.5	88.2	132.4
77	47.0	37.0	55.4
79	47.0	35.4	53.0



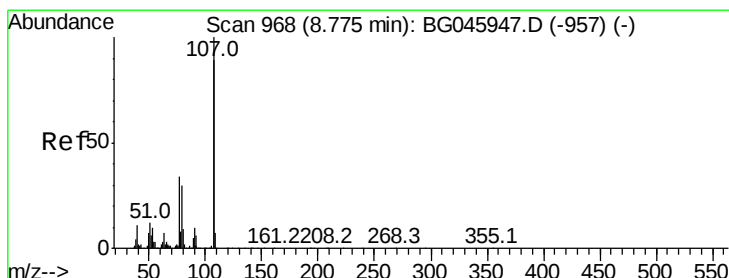
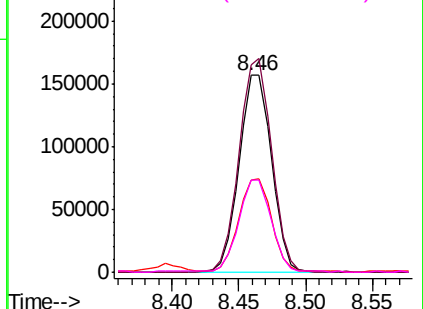
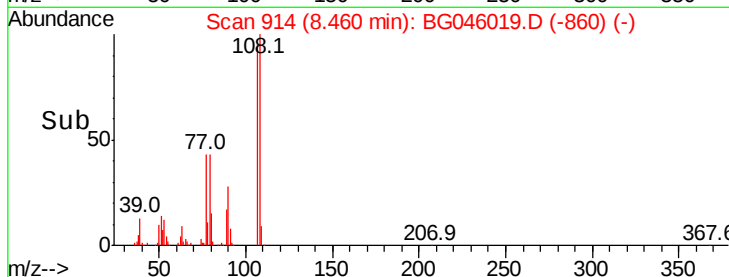
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

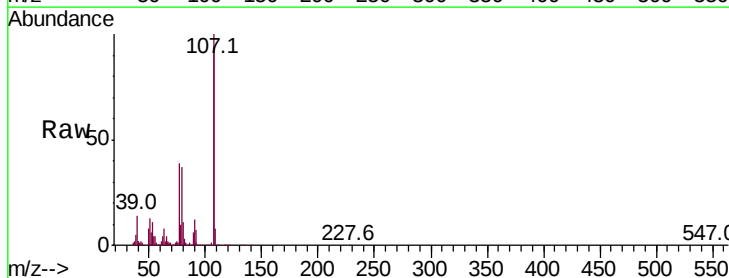
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#20
3+4-Methylphenols
Concen: 72.062 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.02 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	68.7	108.7
77	39.3	14.6	54.6
79	36.8	10.6	50.6



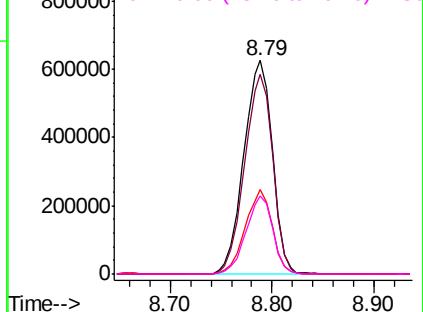
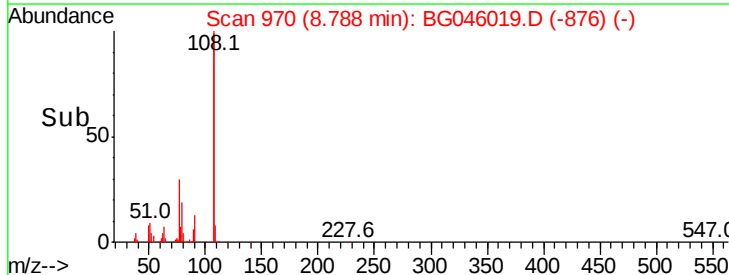
Abundance

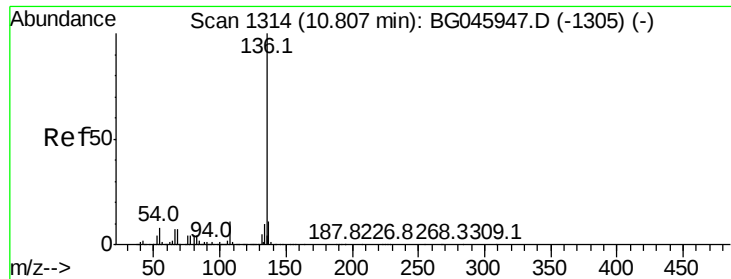
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

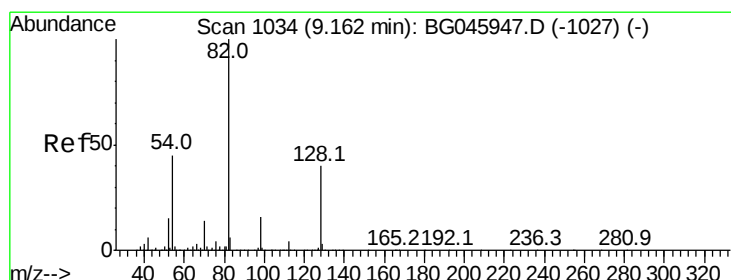
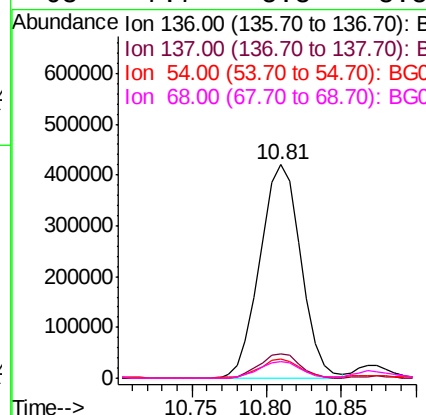
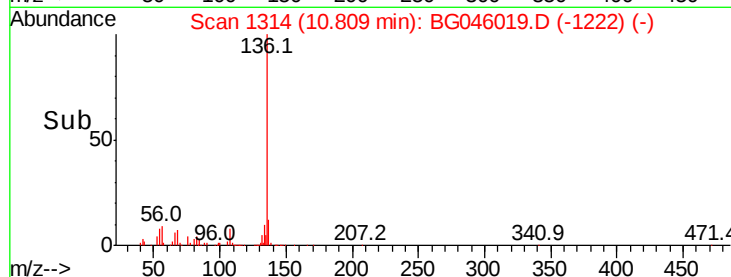
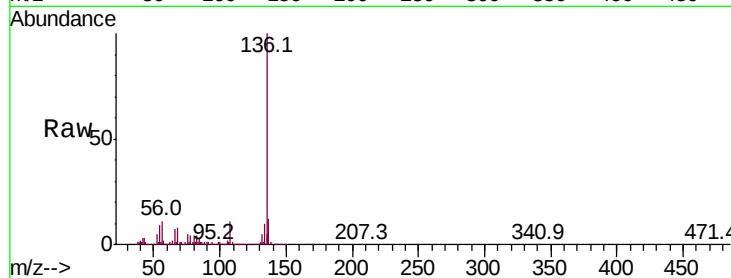




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

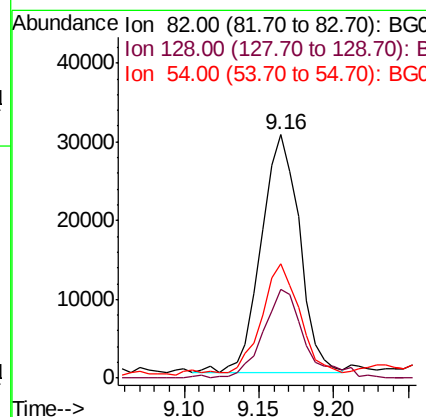
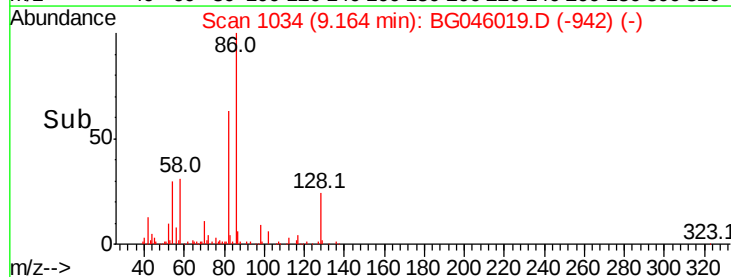
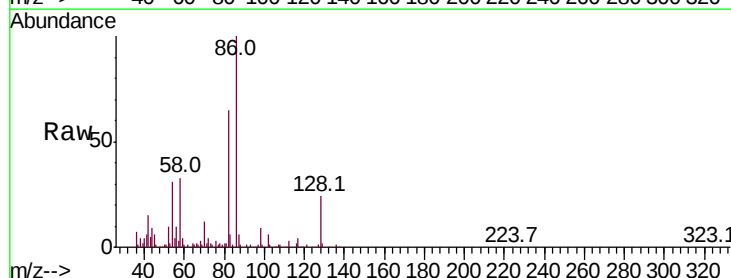
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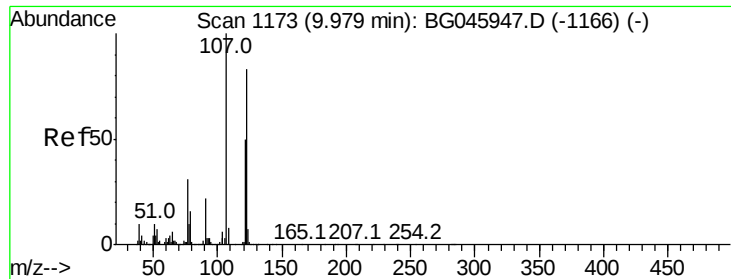
Tot Ion:136	Resp:	798779
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.2	13.8
54 8.9	6.2	9.4
68 7.7	5.8	8.8



#23
Nitrobenzene-d5
Concen: 3.869 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt	Ion: 82	Resp:	53688
Ion	Ratio	Lower	Upper
82	100		
128	36.4	32.2	48.4
54	47.1	35.8	53.6





#27

2,4-Dimethylphenol

Concen: 13.501 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

BNA_G

ClientSampleId :

E3-41-NHLRE

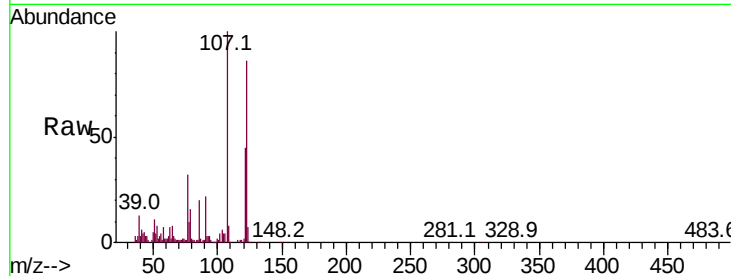
Tot Ion:122 Resp: 162807

Ion Ratio Lower Upper

122 100

107 116.1 95.6 143.4

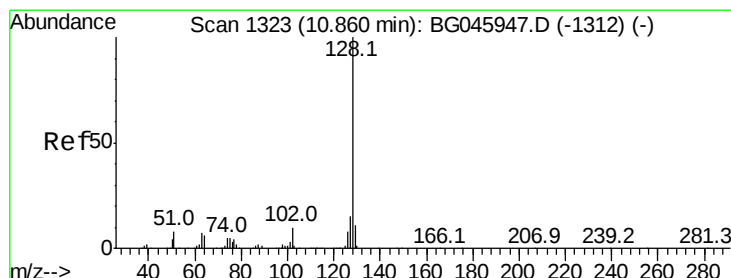
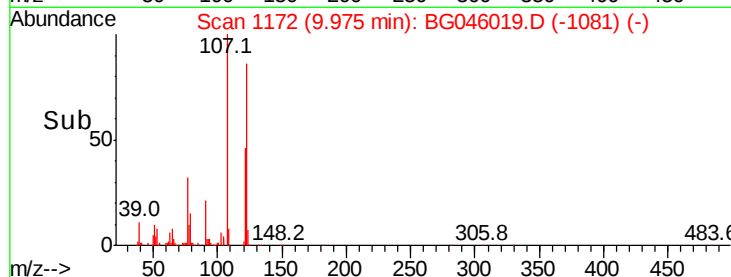
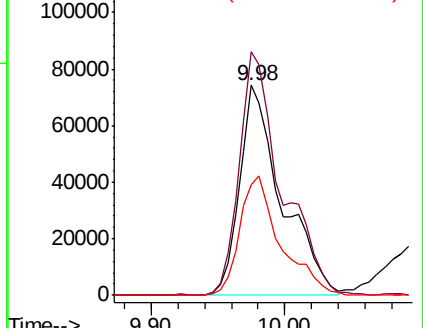
121 52.8 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 90.153 ng

RT: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

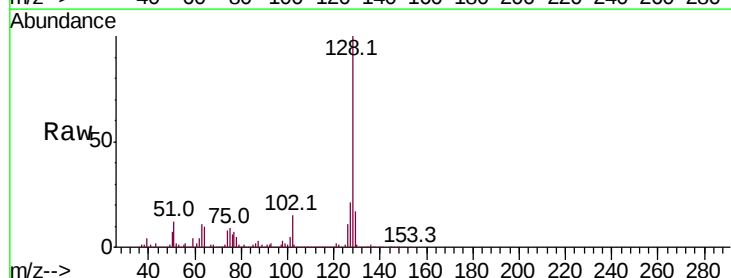
Tgt Ion:128 Resp: 3860466

Ion Ratio Lower Upper

128 100

129 16.7 9.2 13.8#

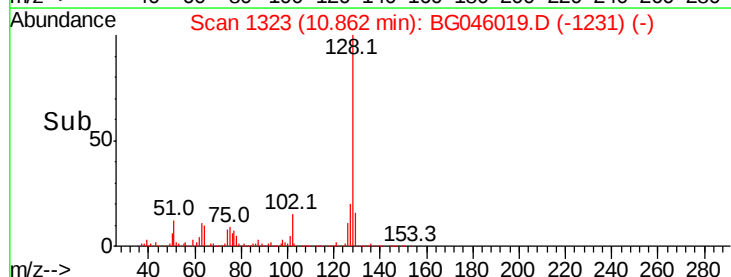
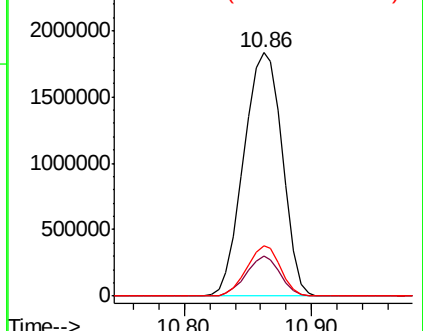
127 20.6 11.8 17.6#

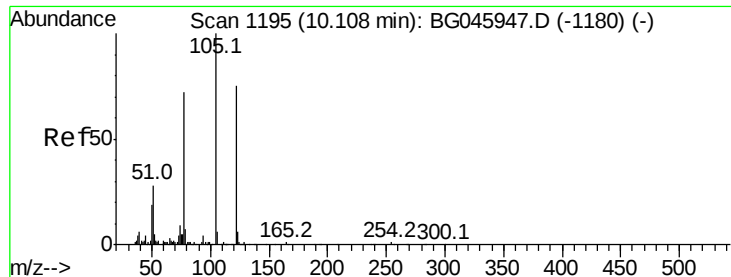


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 15.558 ng

RT: 10.12 min Scan# 1196

Delta R.T. 0.01 min

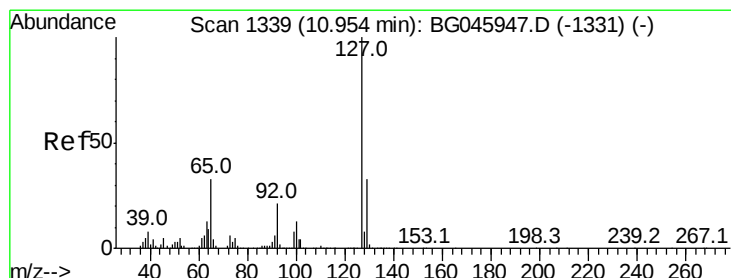
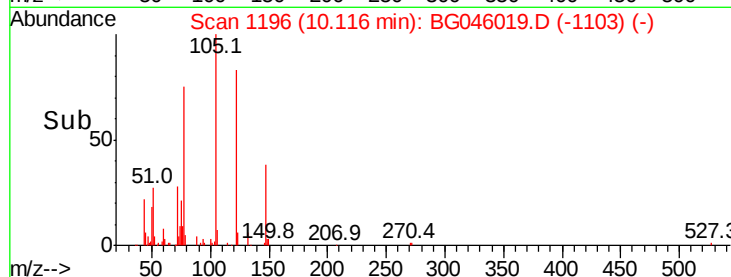
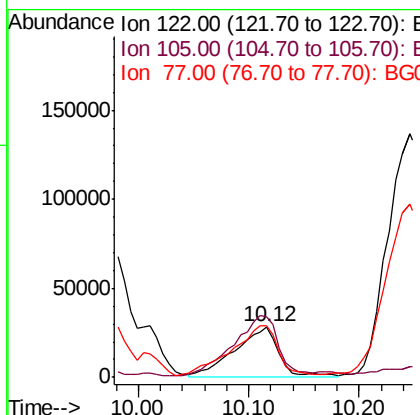
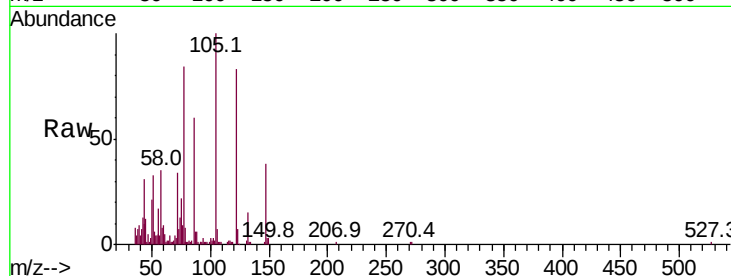
Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

Tot Ion:122 Resp: 77112

Ion	Ratio	Lower	Upper
122	100		
105	119.9	110.8	150.8
77	100.6	76.4	116.4



#33

4-Chloroaniline

Concen: 36.559 ng

RT: 10.86 min Scan# 1323

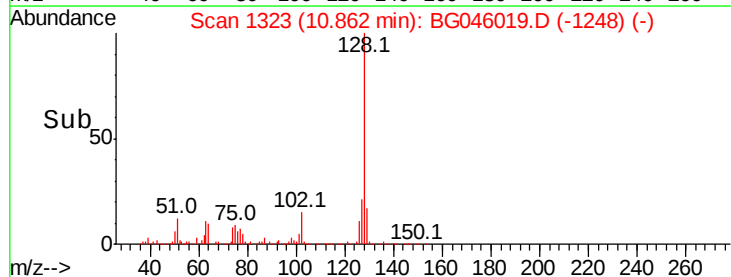
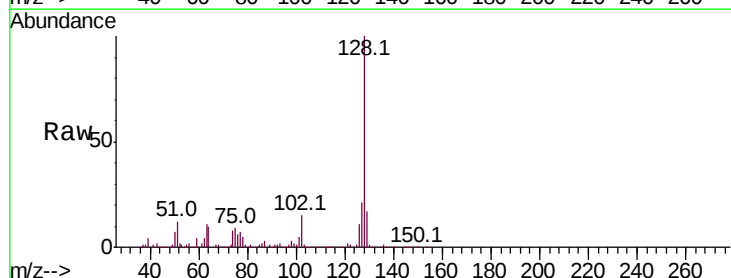
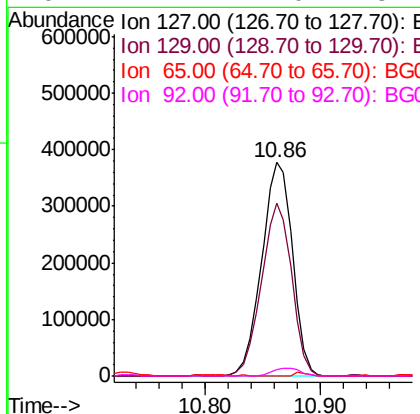
Delta R.T. -0.09 min

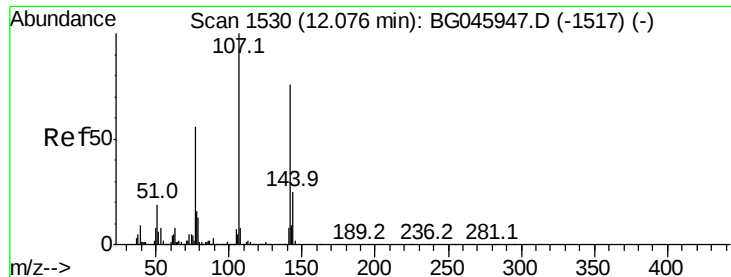
Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Tgt Ion:127 Resp: 699555

Ion	Ratio	Lower	Upper
127	100		
129	81.1	26.6	39.8#
65	0.0	26.8	40.2#
92	2.7	17.0	25.4#

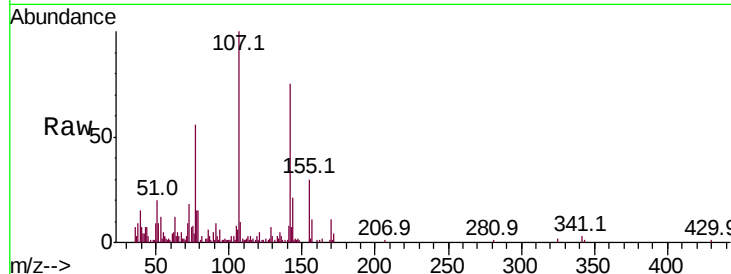




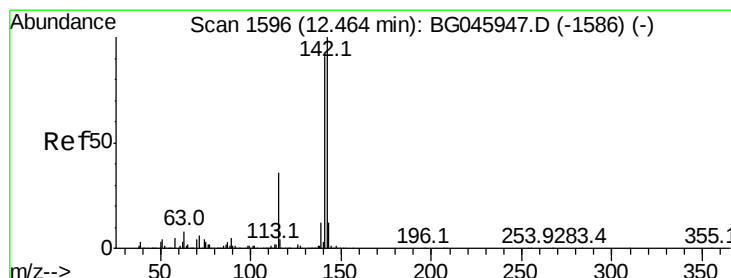
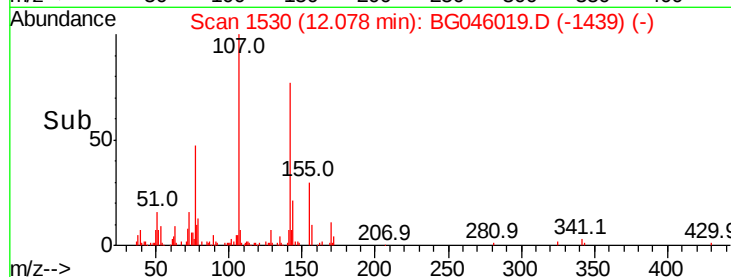
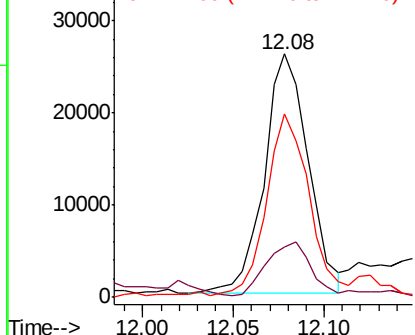
#36
4-Chloro-3-methylphenol
Concen: 3.071 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

Tot Ion:107 Resp: 43657
Ion Ratio Lower Upper
107 100
144 20.9 20.0 30.0
142 75.3 61.1 91.7

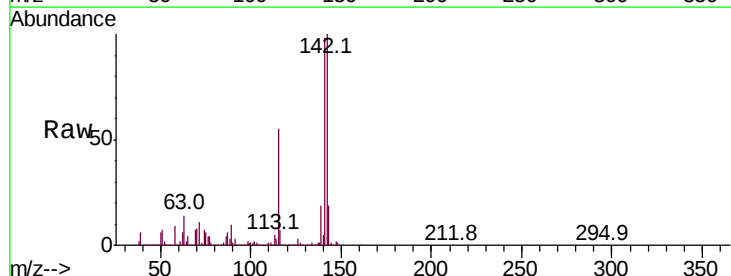


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

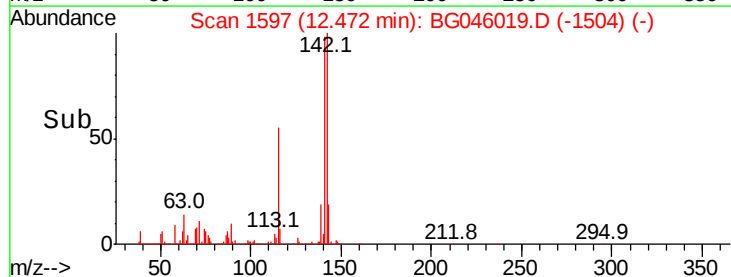
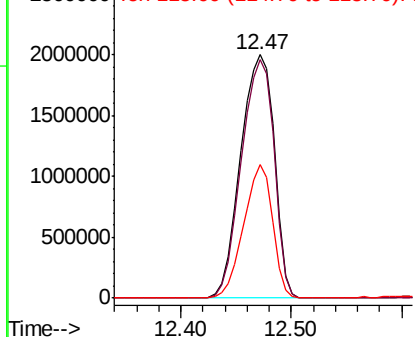


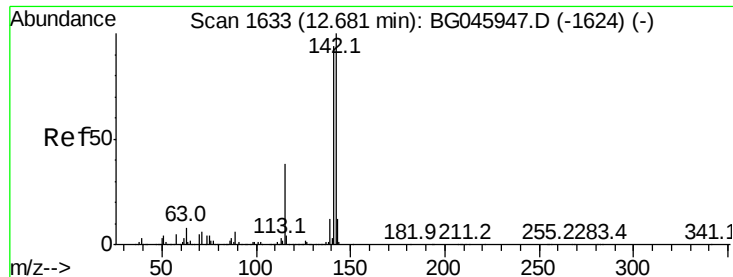
#37
2-Methylnaphthalene
Concen: 140.840 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion:142 Resp: 4287146
Ion Ratio Lower Upper
142 100
141 98.1 73.0 109.6
115 54.8 28.8 43.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

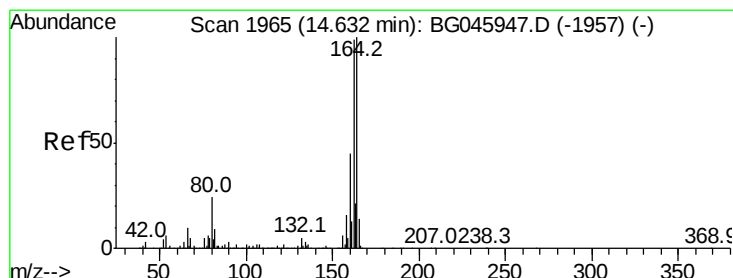
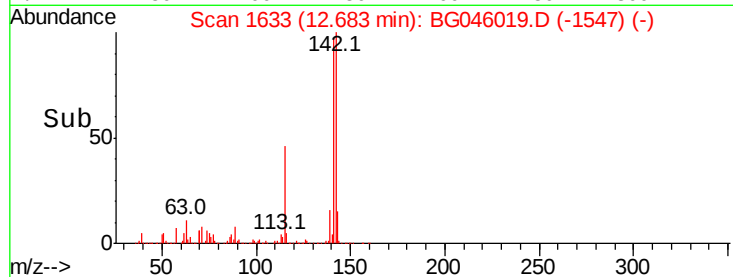
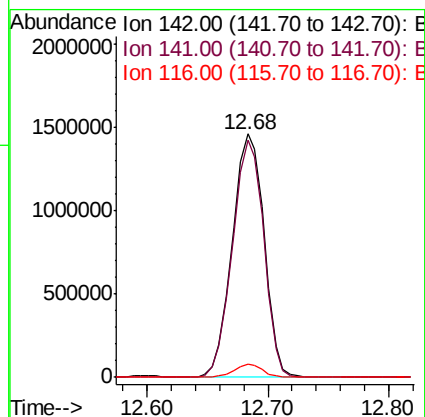
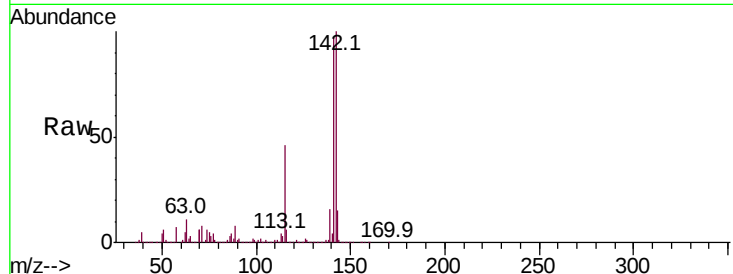




#38
1-Methylnaphthalene
Concen: 93.189 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

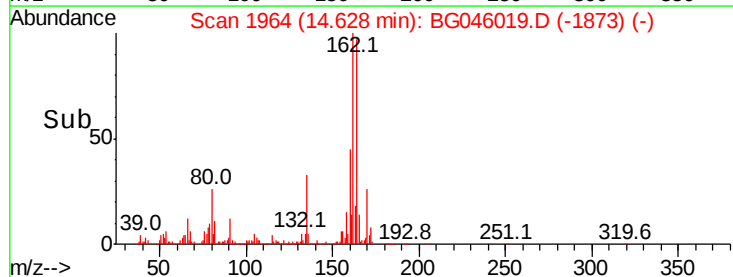
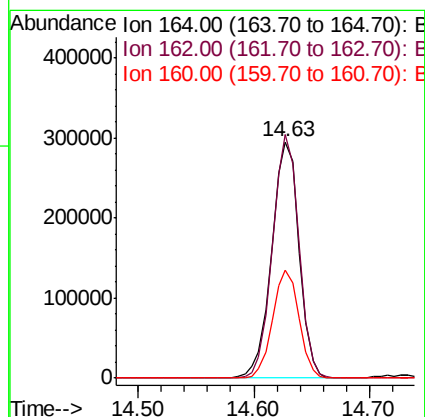
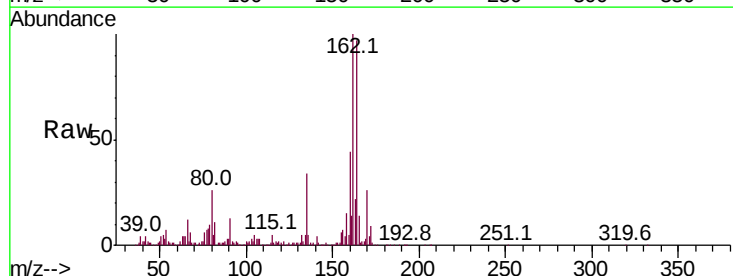
Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

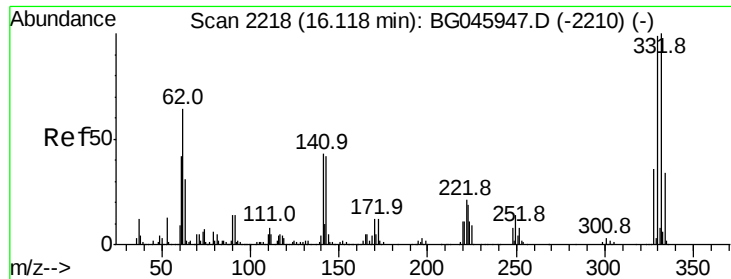
Tot Ion:142 Resp: 2677081
Ion Ratio Lower Upper
142 100
141 97.3 75.2 112.8
116 5.5 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion:164 Resp: 486916
Ion Ratio Lower Upper
164 100
162 103.0 79.3 118.9
160 45.8 35.7 53.5

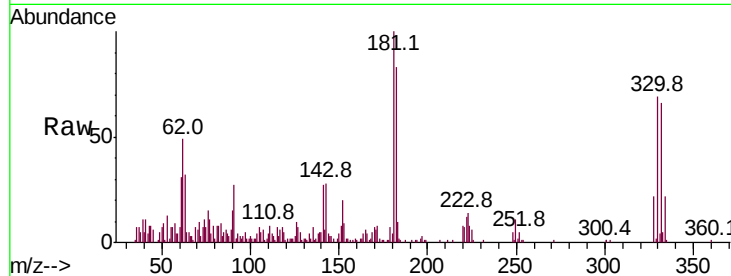




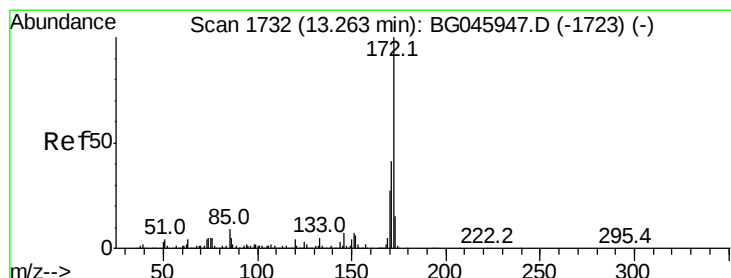
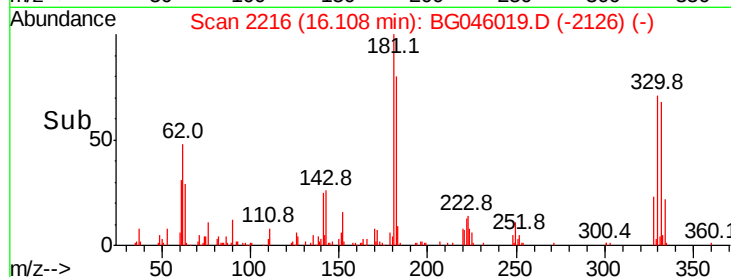
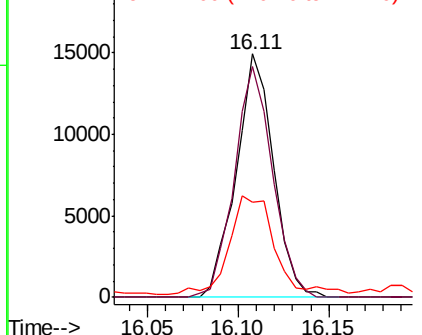
#42
 2,4,6-Tribromophenol
 Concen: 4.722 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG046019.D
 Acq: 13 Jul 2020 11:30

Instrument :
 BNA_G
 ClientSampleId :
 E3-41-NHLRE

Tot Ion:330 Resp: 21339
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.3 117.5
 141 47.0 36.6 54.8

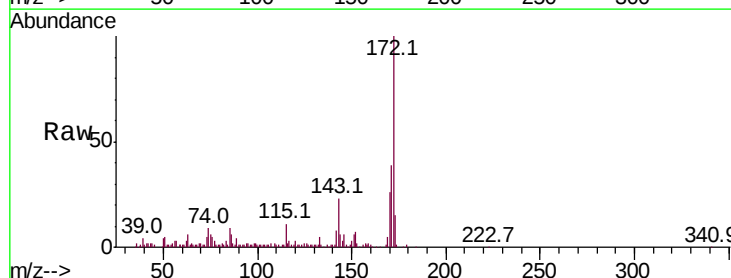


Abundance Ion 329.80 (329.50 to 330.50): E
 20000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

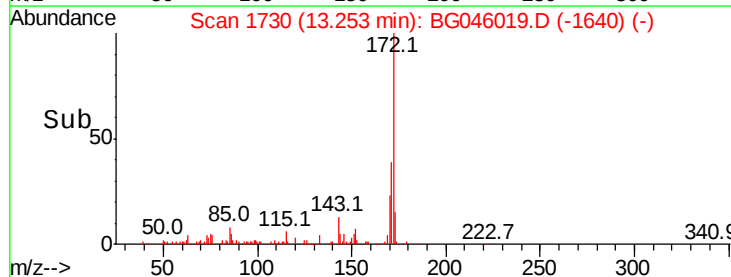
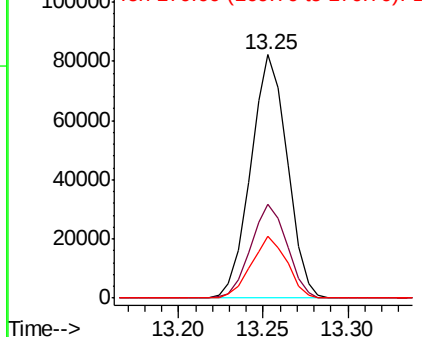


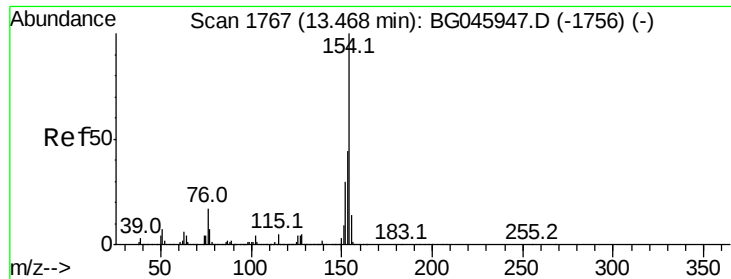
#45
 2-Fluorobiphenyl
 Concen: 3.952 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG046019.D
 Acq: 13 Jul 2020 11:30

Tgt Ion:172 Resp: 123353
 Ion Ratio Lower Upper
 172 100
 171 38.7 32.9 49.3
 170 25.6 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 100000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

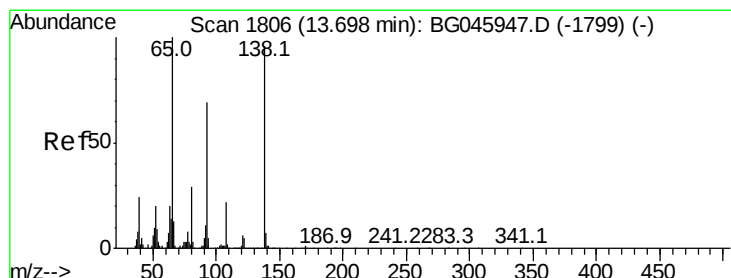
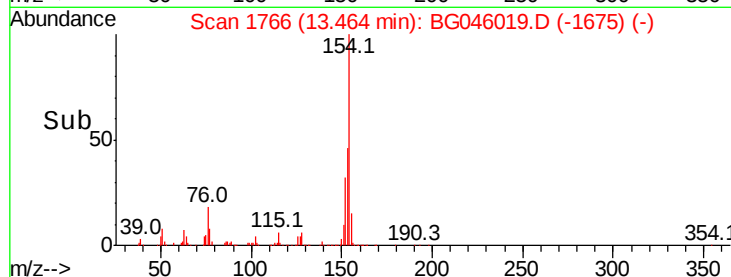
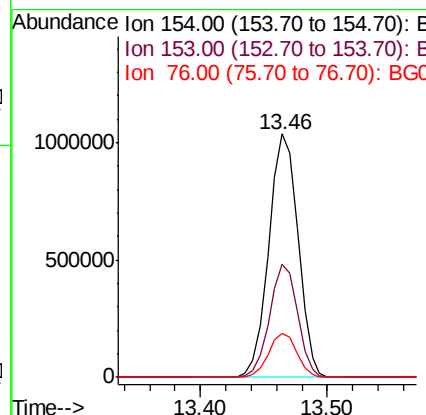
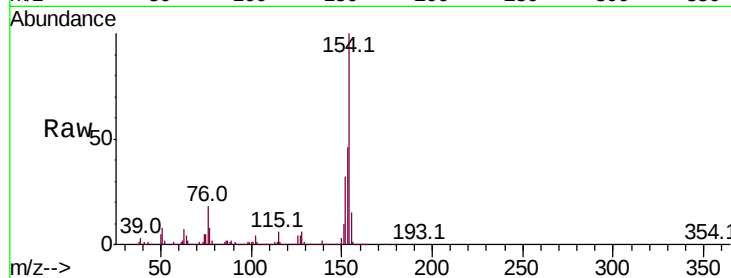




#46
 1,1'-Biphenyl
 Concen: 45.111 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BG046019.D
 Acq: 13 Jul 2020 11:30

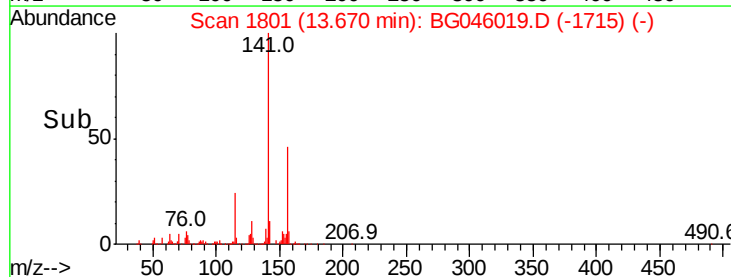
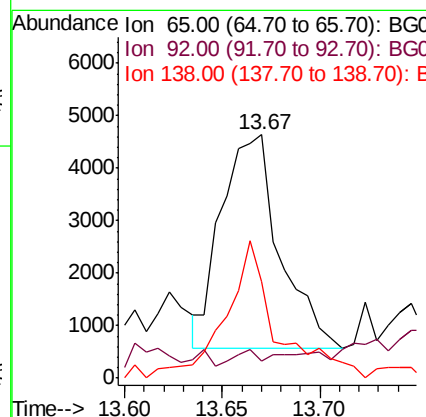
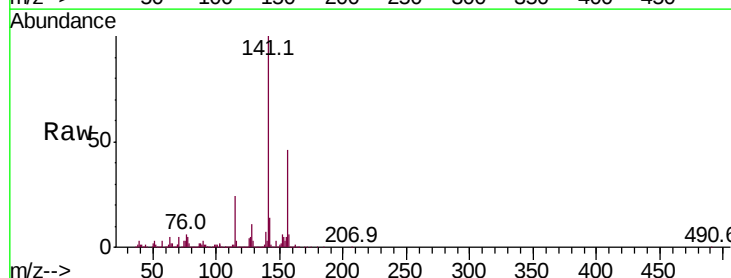
Instrument :
 BNA_G
 ClientSampleId :
 E3-41-NHLRE

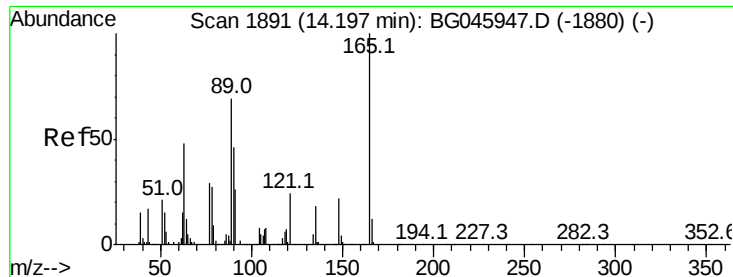
Tot Ion:154 Resp: 1652359
 Ion Ratio Lower Upper
 154 100
 153 46.4 23.6 63.6
 76 18.3 0.0 36.9



#48
 2-Nitroaniline
 Concen: 4.341 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.03 min
 Lab File: BG046019.D
 Acq: 13 Jul 2020 11:30

Tgt Ion: 65 Resp: 8462
 Ion Ratio Lower Upper
 65 100
 92 6.9 55.4 83.0#
 138 39.7 77.0 115.4#





#51

2,6-Dinitrotoluene

Concen: 5.260 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.16 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

BNA_G

ClientSampleId :

E3-41-NHLRE

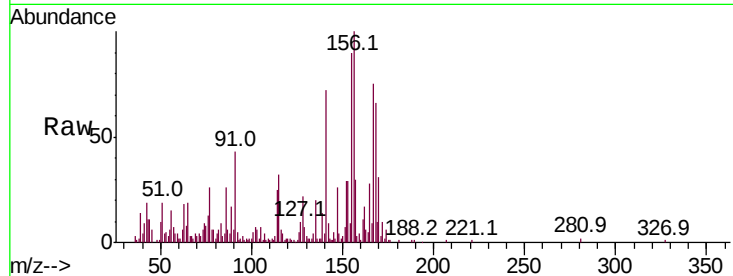
Tot Ion:165 Resp: 13680

Ion Ratio Lower Upper

165 100

63 62.9 51.0 76.4

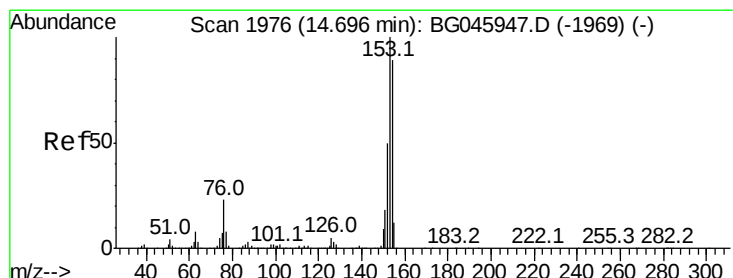
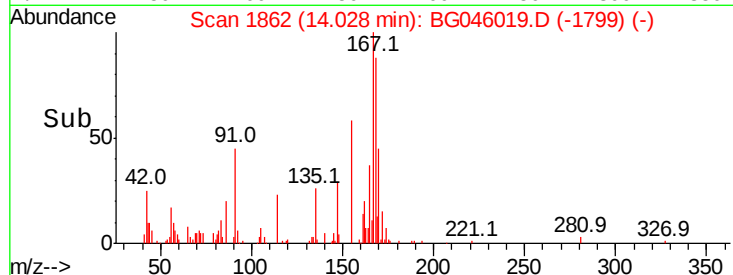
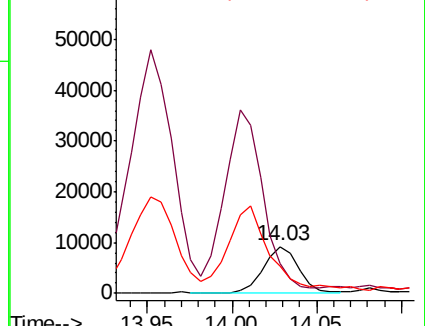
89 59.0 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 51.334 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

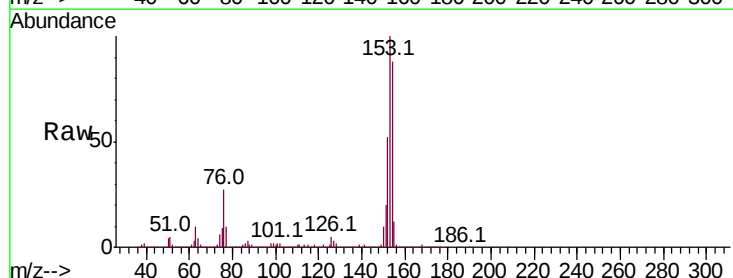
Tgt Ion:154 Resp: 1509812

Ion Ratio Lower Upper

154 100

153 113.6 89.7 134.5

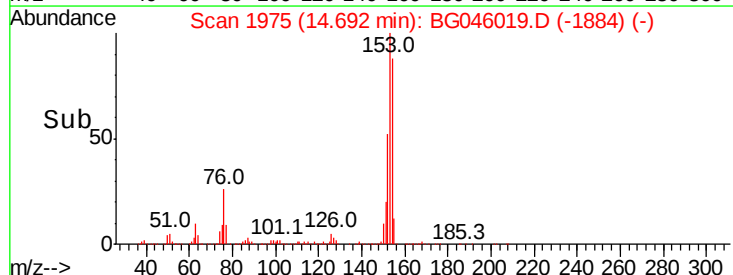
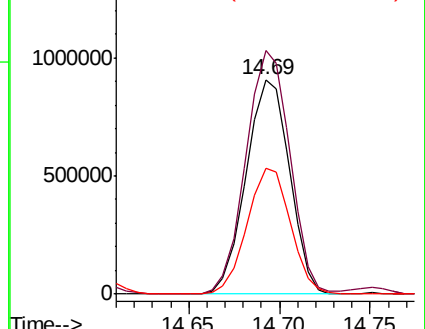
152 58.8 44.7 67.1

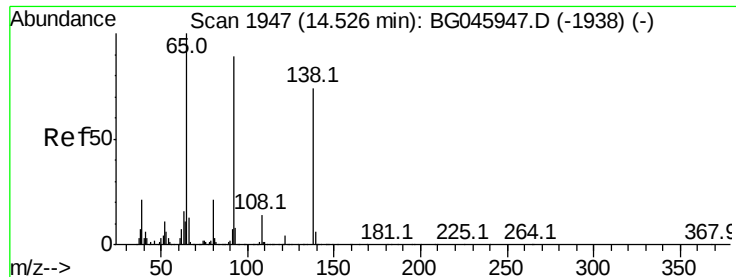


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 3.294 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.08 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

BNA_G

ClientSampleId :

E3-41-NHLRE

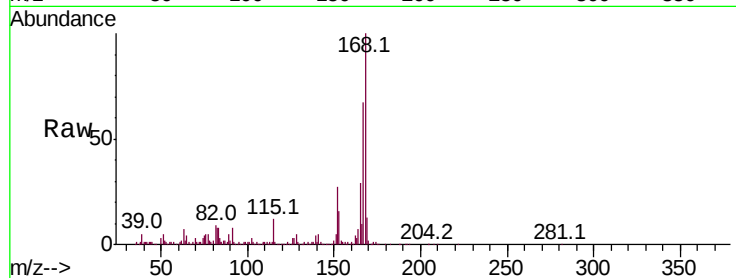
Tot Ion:138 Resp: 2659

Ion Ratio Lower Upper

138 100

108 70.4 15.4 23.2#

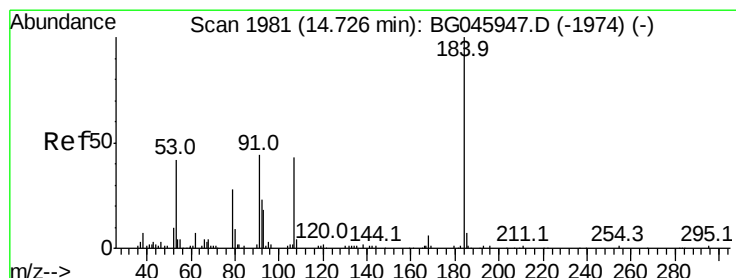
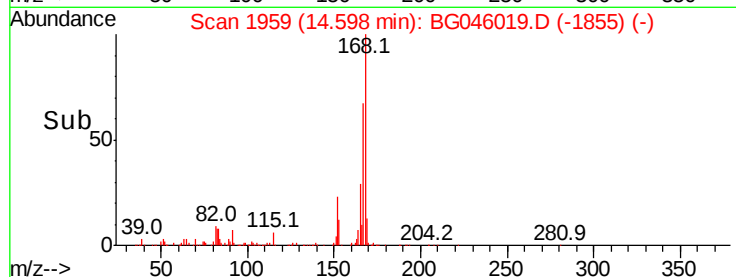
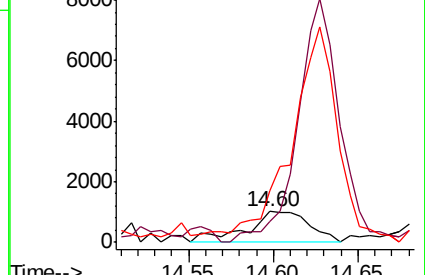
92 168.1 95.9 143.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 7.568 ng

RT: 14.75 min Scan# 1984

Delta R.T. 0.03 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

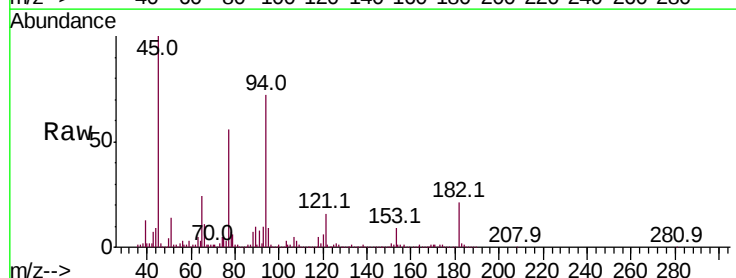
Tgt Ion:184 Resp: 3859

Ion Ratio Lower Upper

184 100

63 636.6 46.0 69.0#

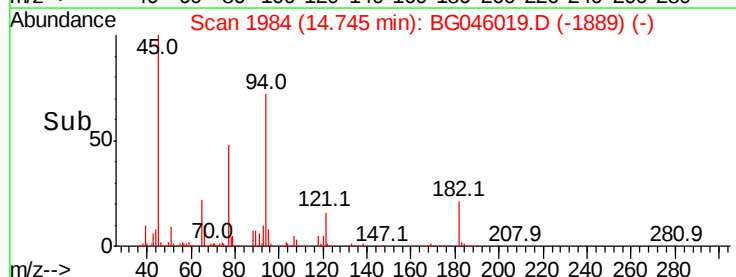
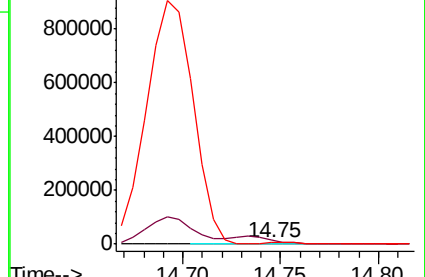
154 176.4 58.2 87.2#

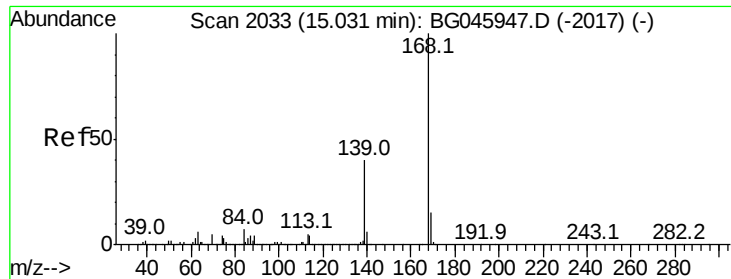


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

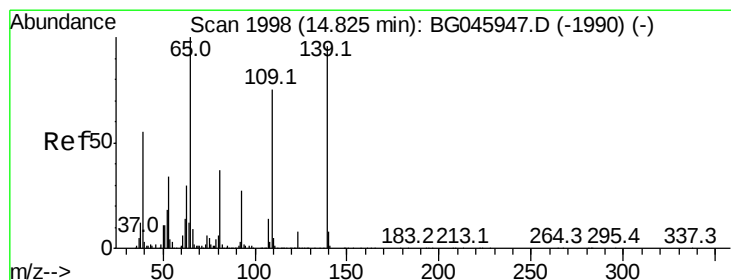
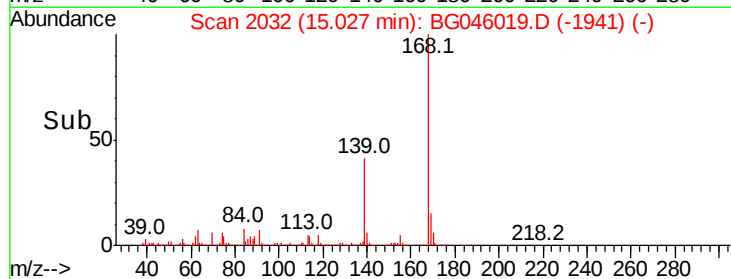
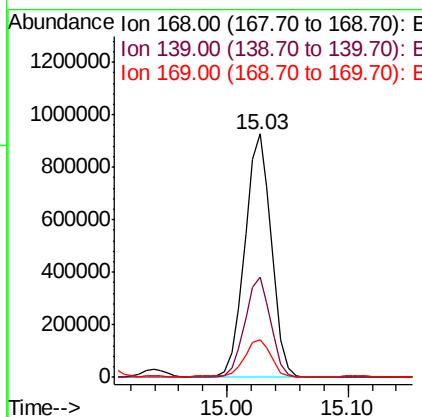
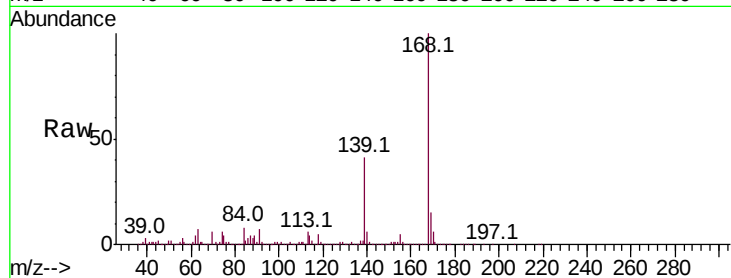




#55
Dibenzenofuran
Concen: 32.708 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

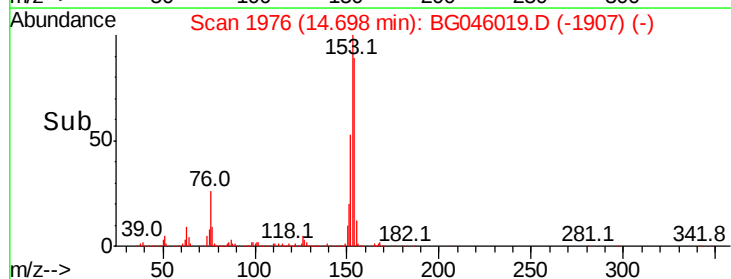
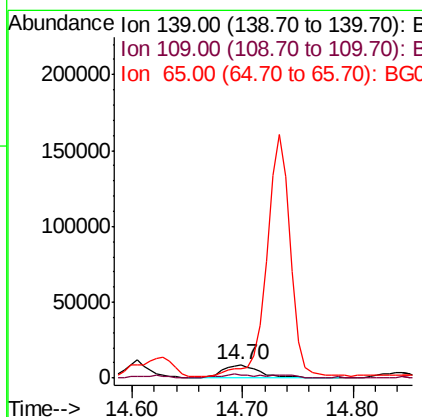
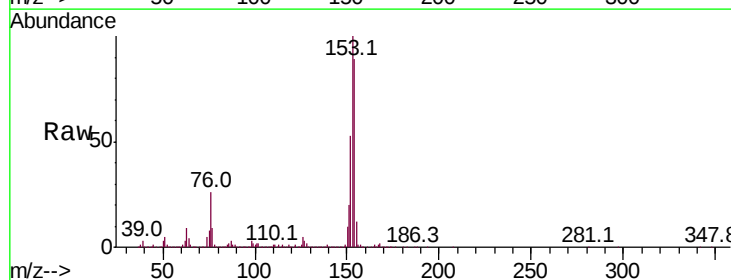
Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

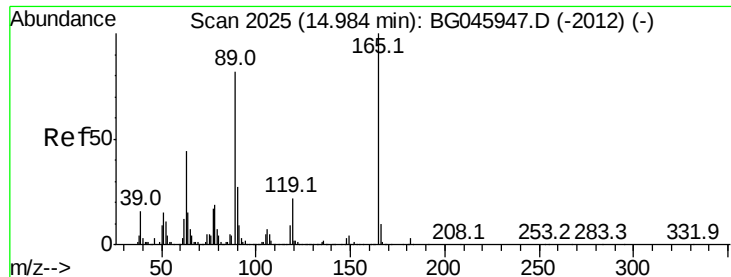
Tot Ion:168 Resp: 1410141
Ion Ratio Lower Upper
168 100
139 41.4 32.2 48.2
169 15.4 11.8 17.8



#56
4-Nitrophenol
Concen: 3.618 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.13 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion:139 Resp: 21538
Ion Ratio Lower Upper
139 100
109 23.8 58.5 98.5#
65 66.9 84.7 124.7#

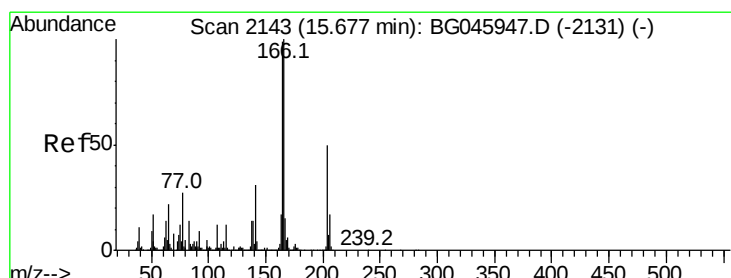
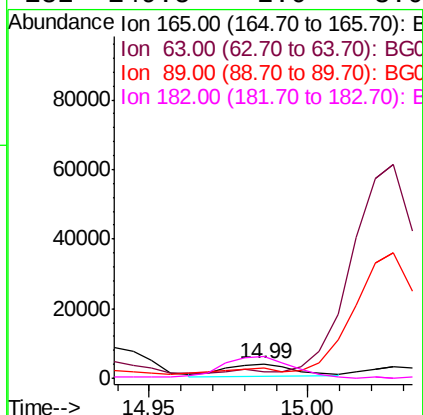
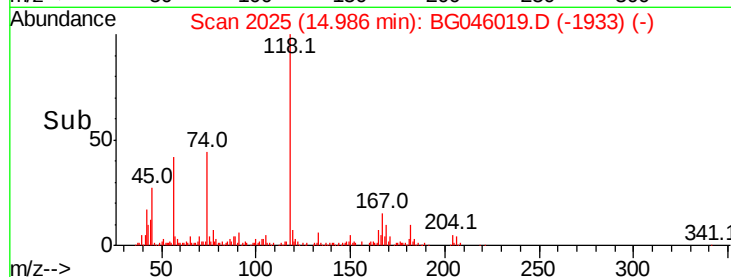
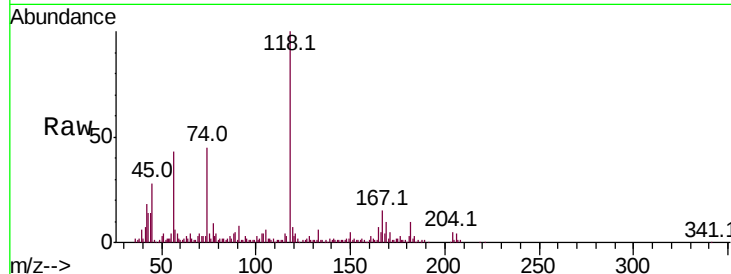




#57
2,4-Dinitrotoluene
Concen: 4.543 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

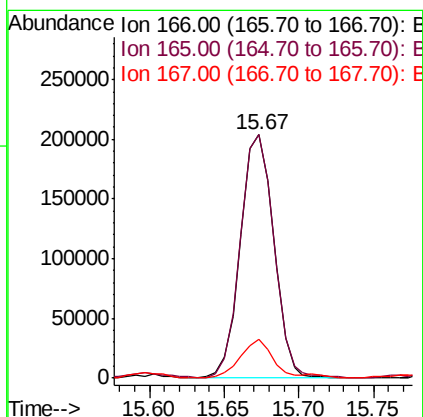
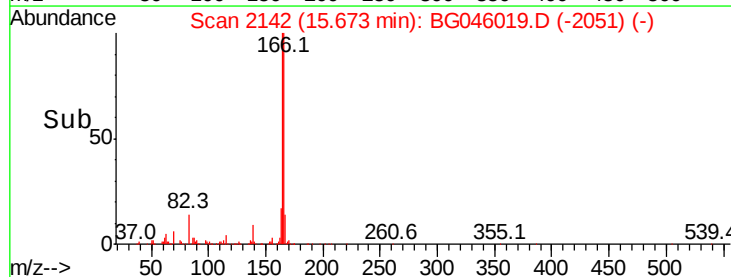
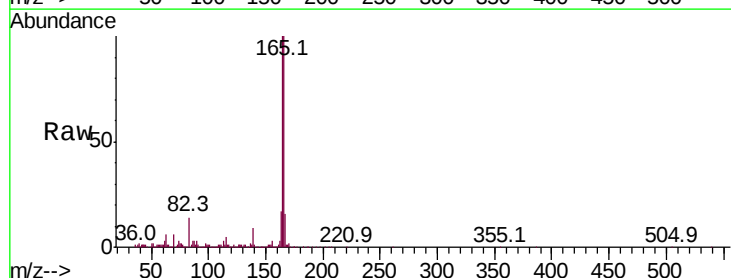
Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

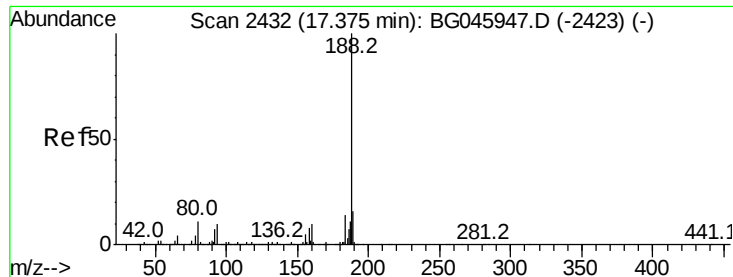
Tot Ion:165 Resp: 5286
Ion Ratio Lower Upper
165 100
63 43.9 35.4 53.0
89 72.6 65.4 98.2
182 149.5 2.0 3.0#



#58
Fluorene
Concen: 8.878 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion:166 Resp: 313977
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 16.1 12.1 18.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

BNA_G

ClientSampleId :

E3-41-NHLRE

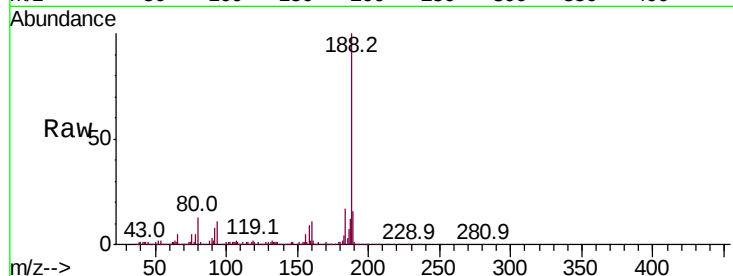
Tot Ion:188 Resp: 928480

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.4

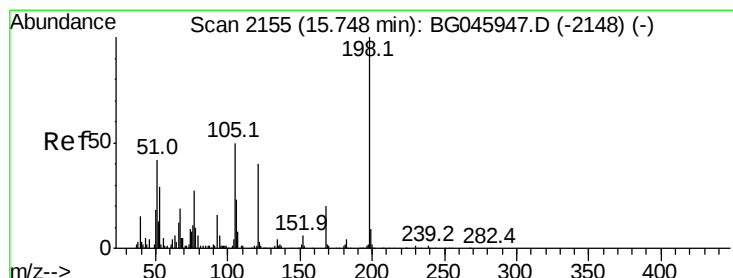
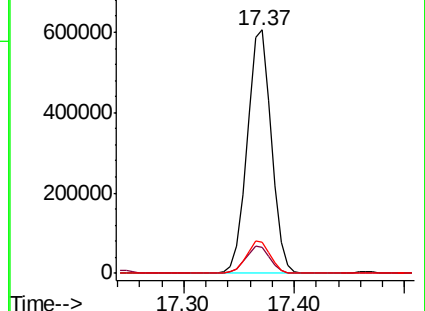
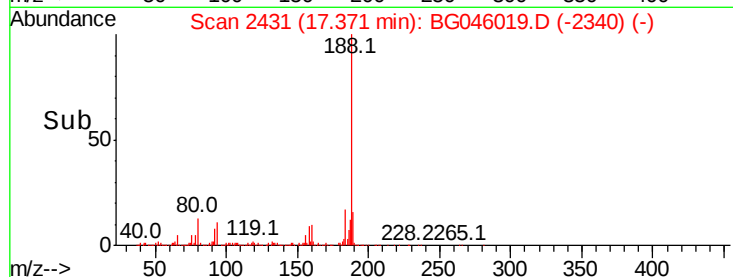
80 13.0 9.0 13.6



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: 6.891 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

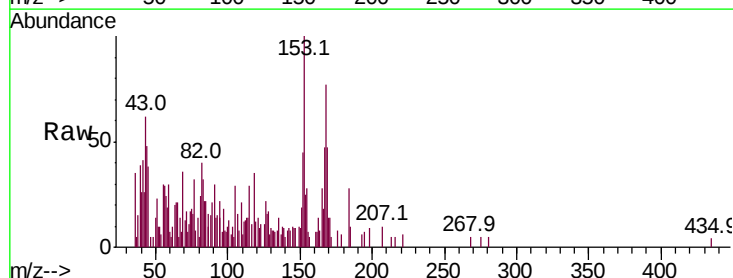
Tgt Ion:198 Resp: 373

Ion Ratio Lower Upper

198 100

51 248.8 24.5 64.5#

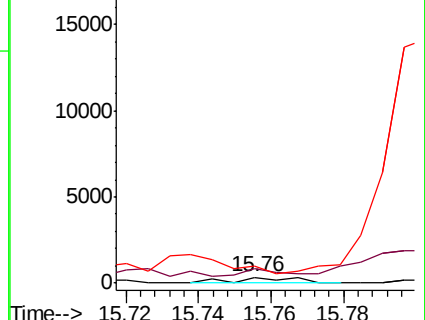
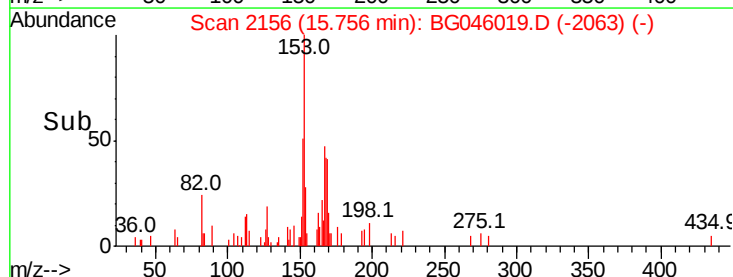
105 304.8 30.9 70.9#

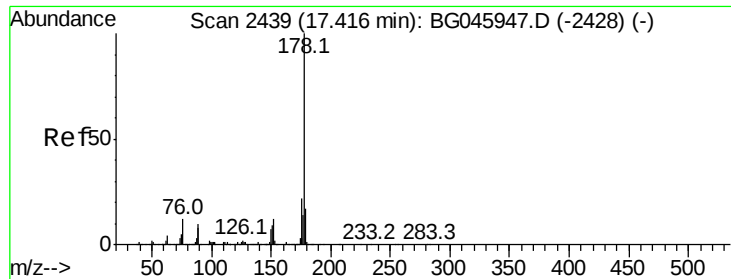


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

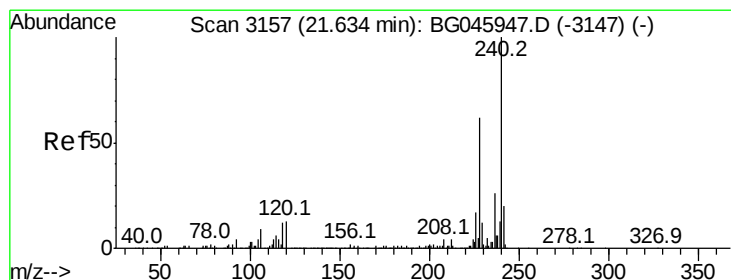
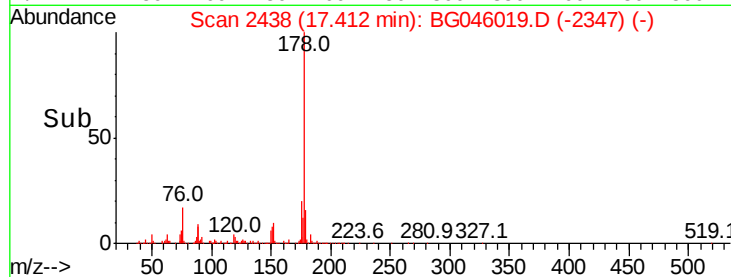
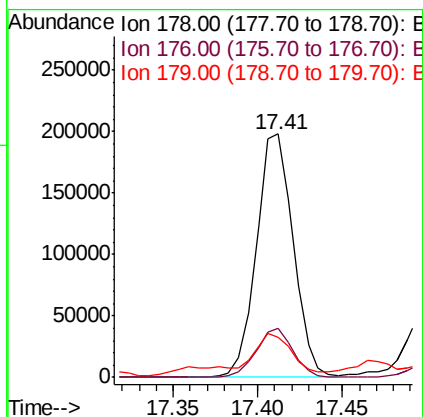
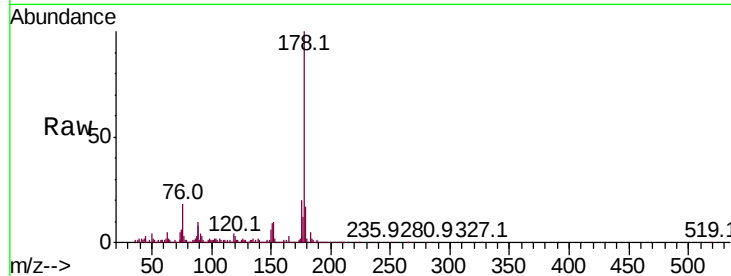




#71
Phenanthrene
Concen: 6.075 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

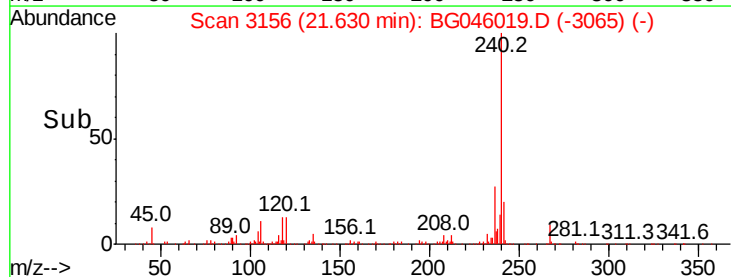
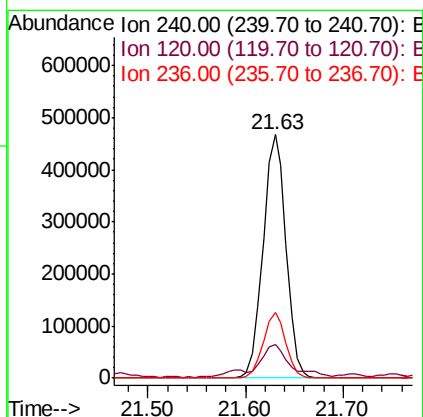
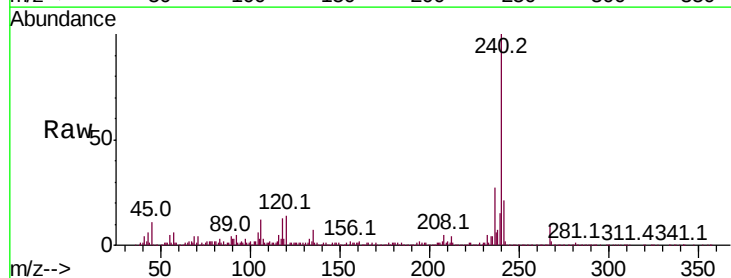
Instrument :
BNA_G
ClientSampleId :
E3-41-NHLRE

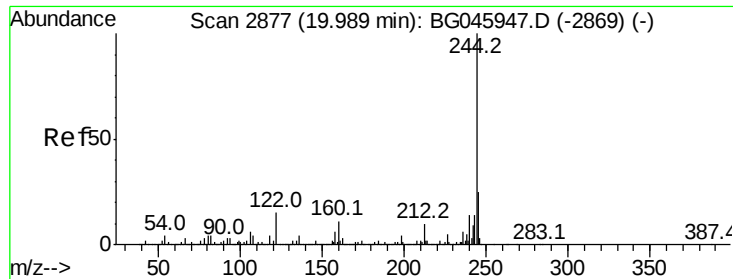
Tot Ion:178 Resp: 298196
Ion Ratio Lower Upper
178 100
176 20.3 17.4 26.2
179 16.7 13.4 20.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG046019.D
Acq: 13 Jul 2020 11:30

Tgt Ion:240 Resp: 770038
Ion Ratio Lower Upper
240 100
120 13.6 10.6 16.0
236 26.9 20.4 30.6





#79

Terphenyl-d14

Concen: 4.579 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

Instrument :

BNA_G

ClientSampleId :

E3-41-NHLRE

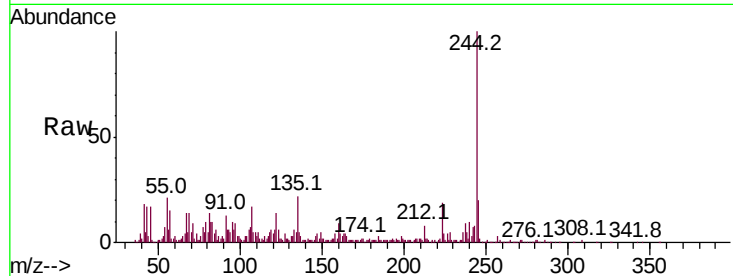
Tot Ion:244 Resp: 158425

Ion Ratio Lower Upper

244 100

212 7.6 8.3 12.5#

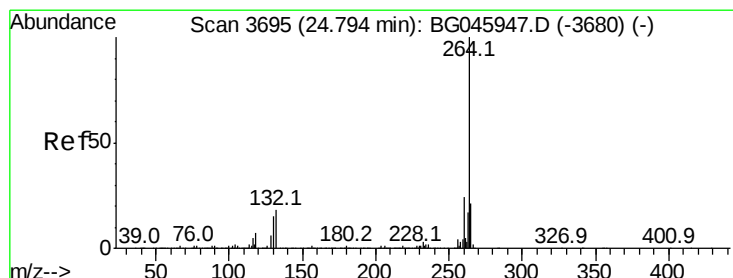
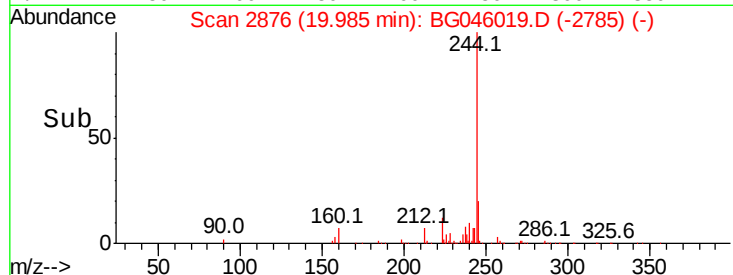
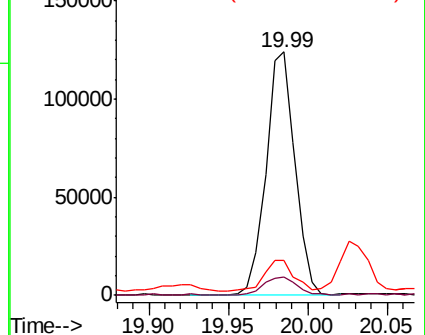
122 14.3 12.1 18.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG046019.D

Acq: 13 Jul 2020 11:30

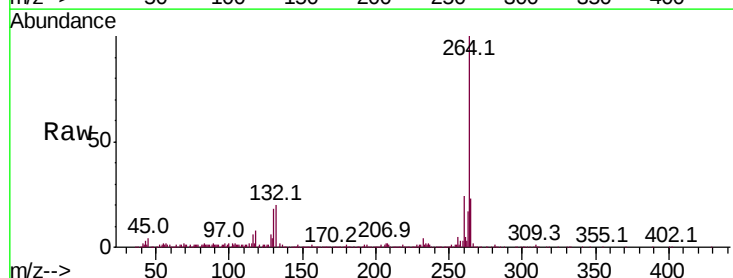
Tgt Ion:264 Resp: 810806

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 23.0 16.9 25.3



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

