

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045890.D
 Acq On : 30 Jun 2020 18:46
 Operator : CG/JU
 Sample : L3148-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-05

Quant Time: Jul 01 00:30:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61858	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	233610	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	176205	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	307378	20.00	ng	0.01
76) Chrysene-d12	21.56	240	295319	20.00	ng	0.00
86) Perylene-d12	24.67	264	316420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	242293	66.17	ng	0.01
7) Phenol-d6	7.12	99	340848	61.19	ng	0.00
23) Nitrobenzene-d5	9.07	82	257690	50.39	ng	0.01
42) 2,4,6-Tribromophenol	16.06	330	160823	60.45	ng	0.01
45) 2-Fluorobiphenyl	13.17	172	558021	46.54	ng	0.00
79) Terphenyl-d14	19.92	244	808161	55.46	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.02	93	48902	7.456	ng	# 1
8) 2-Chlorophenol	7.02	128	1491490	380.516	ng	# 57
9) Benzaldehyde	7.02	77	54737	16.361	ng	# 7
11) bis(2-Chloroethyl)ether	7.02	93	48902	11.929	ng	# 1
12) 1,3-Dichlorobenzene	7.93	146	84905	18.177	ng	93
13) 1,4-Dichlorobenzene	7.93	146	84905	18.198	ng	96
14) 1,2-Dichlorobenzene	8.25	146	76757	17.184	ng	98
19) n-Nitroso-di-n-propylamine	9.07	70	36359	9.929	ng	# 77
22) Acetophenone	8.66	105	46525	7.256	ng	# 62
25) Isophorone	9.72	82	28334	2.862	ng	# 1
29) 2,4-Dichlorophenol	10.14	162	2084251	515.108	ng	# 40
30) 1,2,4-Trichlorobenzene	10.57	180	23267	4.857	ng	95
31) Naphthalene	10.76	128	183237	14.347	ng	97
32) Benzoic acid	10.14	122	15980	14.754	ng	# 25
37) 2-Methylnaphthalene	12.38	142	193948	20.393	ng	95
38) 1-Methylnaphthalene	12.38	142	193948	21.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	39094	6.738	ng	# 95
41) Hexachlorocyclopentadiene	12.89	237	352	8.517	ng	# 1
43) 2,4,6-Trichlorophenol	12.83	196	517630	131.586	ng	# 42
44) 2,4,5-Trichlorophenol	12.83	196	517630	115.455	ng	# 50
46) 1,1'-Biphenyl	13.39	154	2342369	185.677	ng	88
48) 2-Nitroaniline	13.61	65	184624	54.466	ng	# 10
50) Dimethylphthalate	14.01	163	58518	4.239	ng	# 96
51) 2,6-Dinitrotoluene	13.95	165	219280	70.727	ng	# 51
54) 2,4-Dinitrophenol	14.82	184	3483	11.597	ng	# 58
55) Dibenzofuran	14.94	168	519965	32.351	ng	# 87
56) 4-Nitrophenol	14.96	139	553026	240.848	ng	# 12
57) 2,4-Dinitrotoluene	14.94	165	1560328	351.255	ng	# 58
58) Fluorene	15.63	166	4659689	348.653	ng	# 93
62) 4-Nitroaniline	15.63	138	89339	28.110	ng	# 12
63) Azobenzene	16.05	77	175300	12.938	ng	73
66) n-Nitrosodiphenylamine	15.83	169	19909	2.287	ng	# 47
68) Hexachlorobenzene	16.62	284	29011	7.005	ng	97
70) Pentachlorophenol	16.98	266	1154	8.144	ng	95

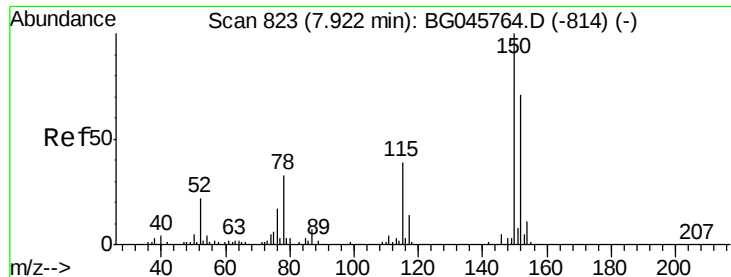
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045890.D
Acq On : 30 Jun 2020 18:46
Operator : CG/JU
Sample : L3148-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Quant Time: Jul 01 00:30:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 16:34:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	17.35	178	88453	5.580	ng	100
72) Anthracene	17.44	178	816666	51.733	ng	98
74) Di-n-butylphthalate	18.27	149	72977	4.100	ng	# 94
80) Butylbenzylphthalate	20.61	149	25606	3.093	ng	# 21
84) Bis(2-ethylhexyl)phthalate	21.46	149	624621	54.250	ng	99

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

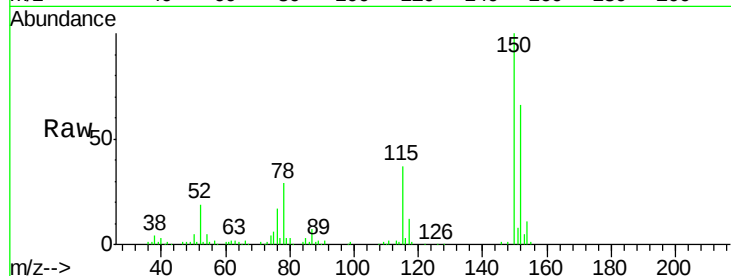


#1

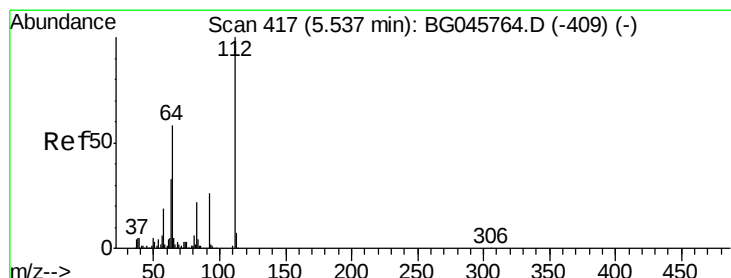
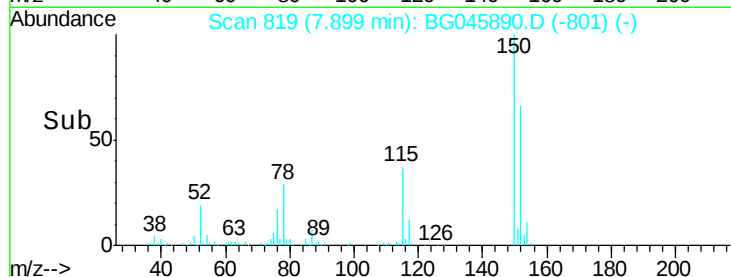
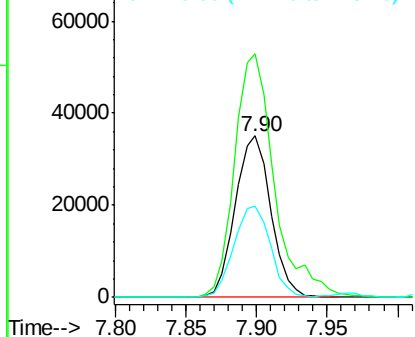
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion:152 Resp: 61858
Ion Ratio Lower Upper
152 100
150 151.0 121.2 181.8
115 56.3 47.5 71.3



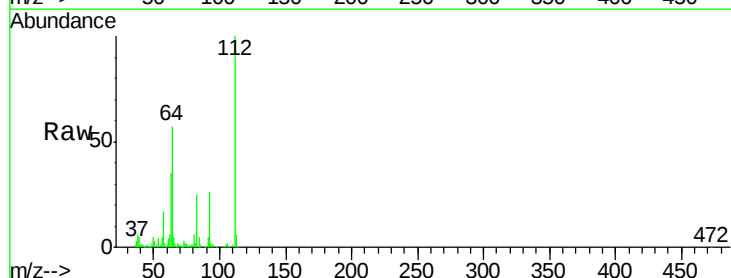
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



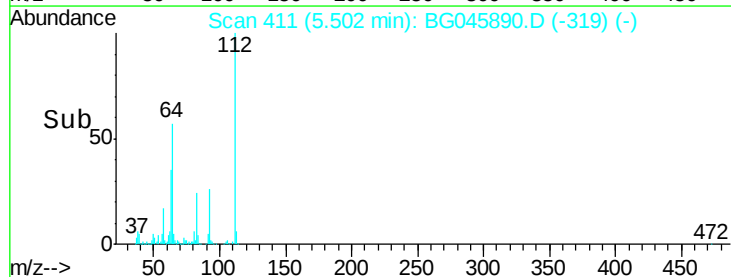
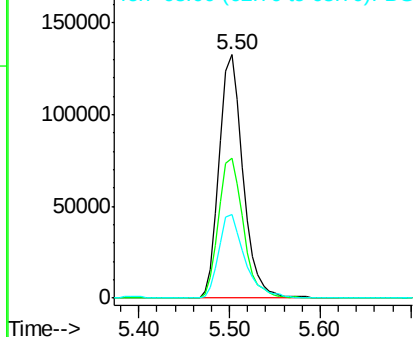
#5

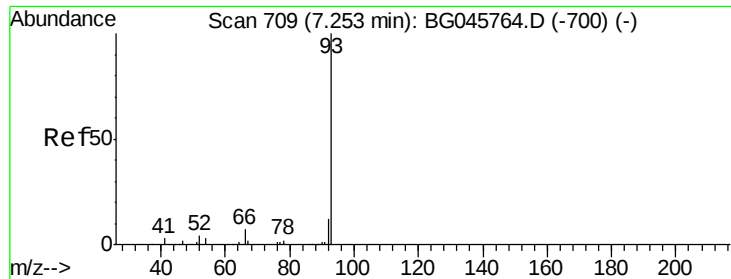
2-Fluorophenol
Concen: 66.166 ng
RT: 5.50 min Scan# 411
Delta R.T. 0.01 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion:112 Resp: 242293
Ion Ratio Lower Upper
112 100
64 57.4 48.5 72.7
63 34.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 7.456 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.20 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

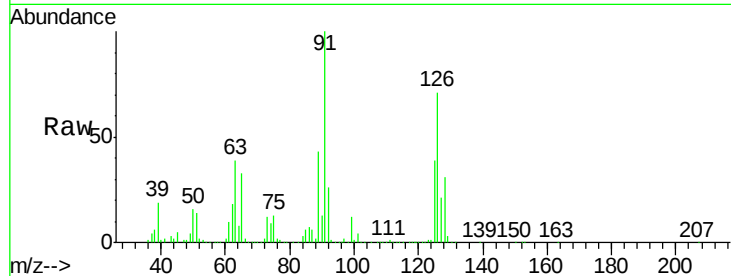
Tot Ion: 93 Resp: 48902

Ion Ratio Lower Upper

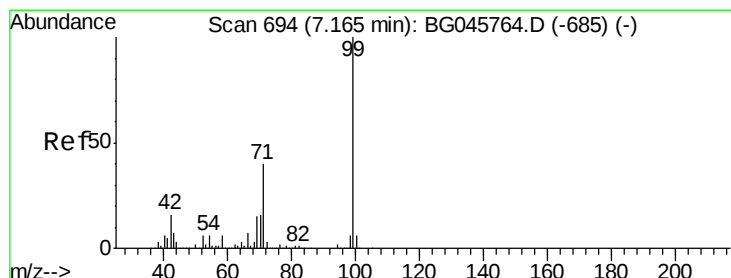
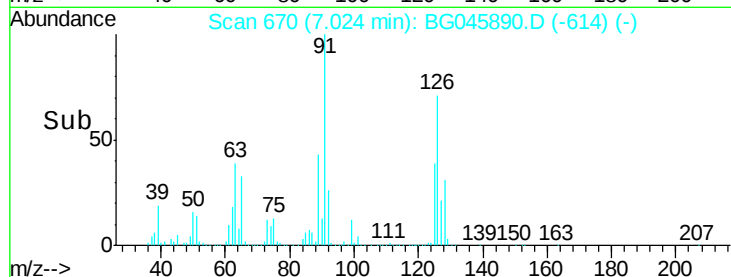
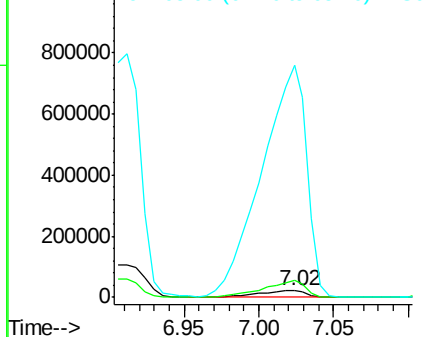
93 100

66 254.6 30.1 45.1#

65 3568.5 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 61.193 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

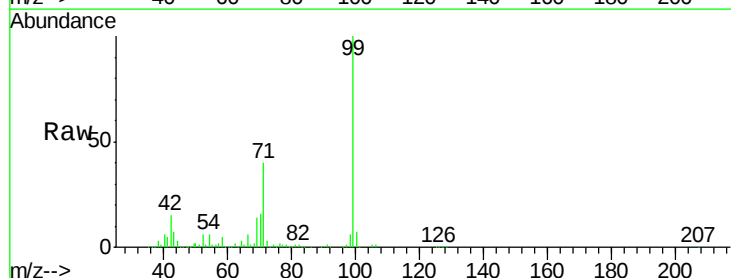
Tgt Ion: 99 Resp: 340848

Ion Ratio Lower Upper

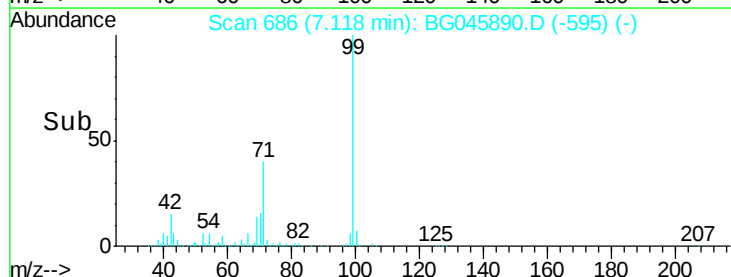
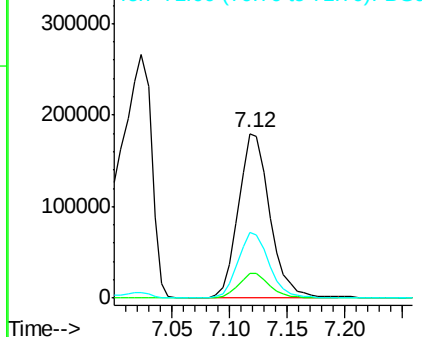
99 100

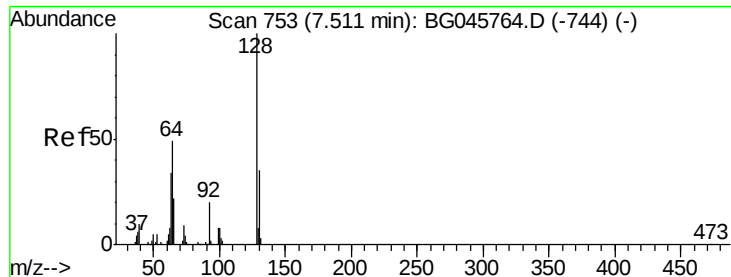
42 15.3 12.0 18.0

71 39.7 31.0 46.4



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





#8

2-Chlorophenol

Concen: 380.516 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.45 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

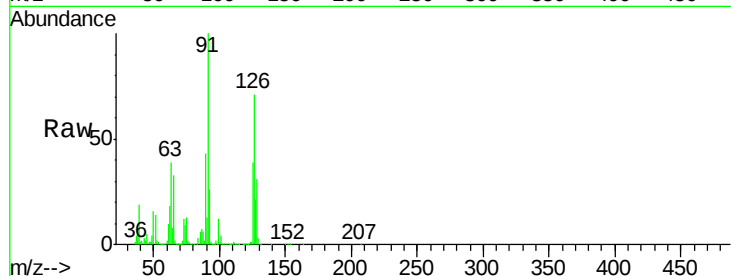
Tot Ion:128 Resp: 1491490

Ion Ratio Lower Upper

128 100

130 0.3 14.2 54.2#

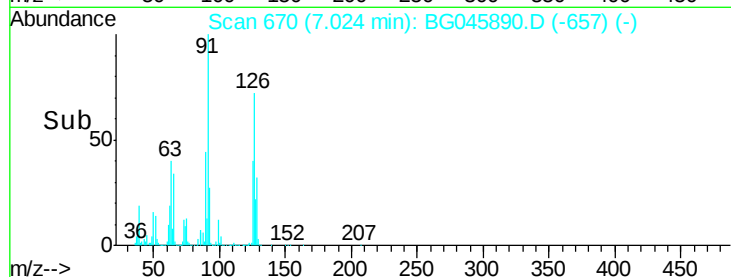
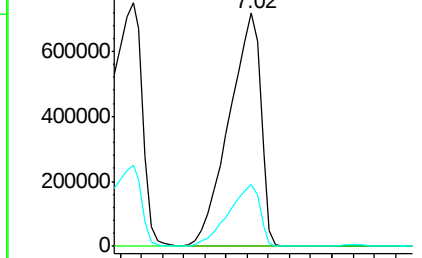
64 26.7 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 16.361 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

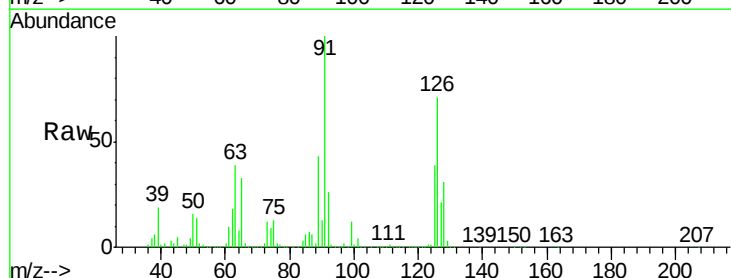
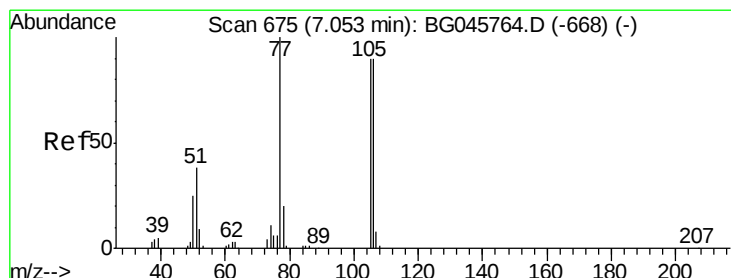
Tgt Ion: 77 Resp: 54737

Ion Ratio Lower Upper

77 100

105 6.3 72.6 112.6#

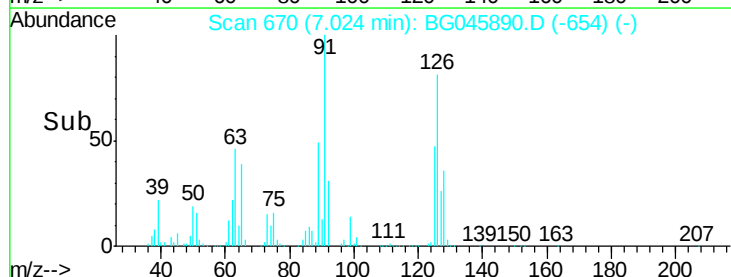
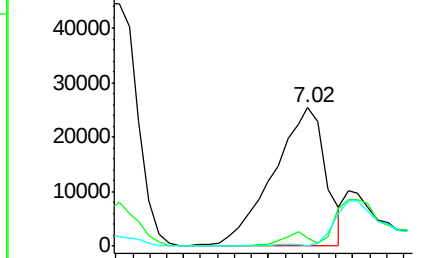
106 0.0 71.4 111.4#

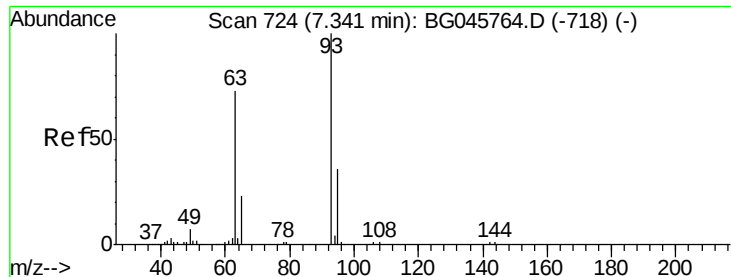


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#11

bis(2-Chloroethyl)ether

Concen: 11.929 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.29 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

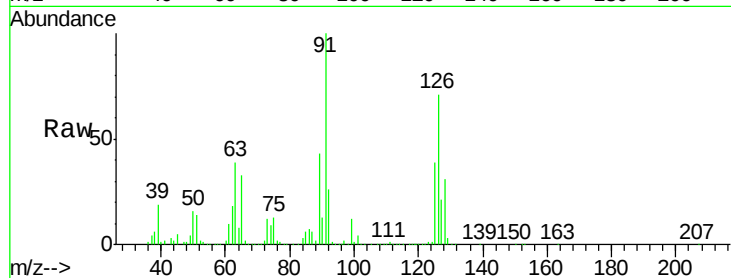
Tot Ion: 93 Resp: 48902

Ion Ratio Lower Upper

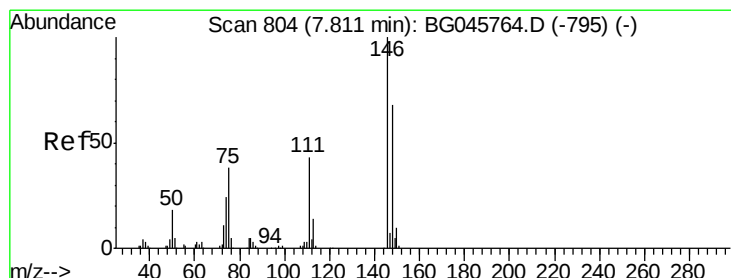
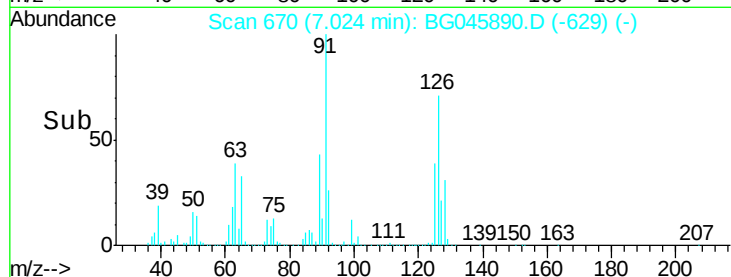
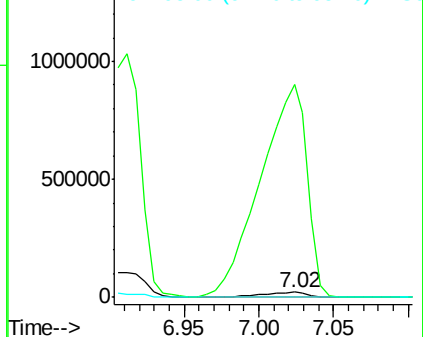
93 100

63 4229.6 51.2 91.2#

95 9.3 14.1 54.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 18.177 ng

RT: 7.93 min Scan# 825

Delta R.T. 0.15 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

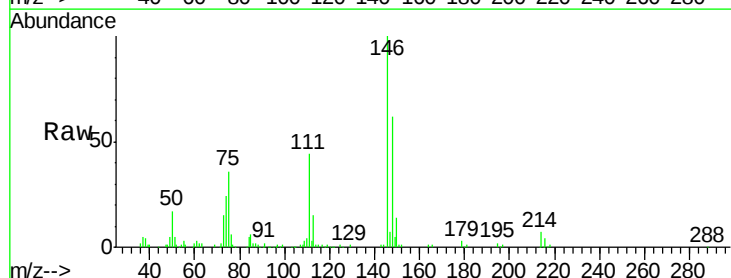
Tgt Ion: 146 Resp: 84905

Ion Ratio Lower Upper

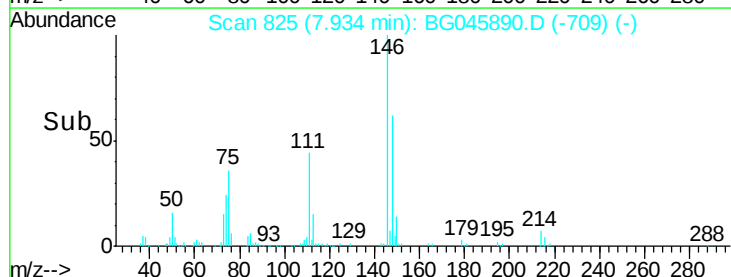
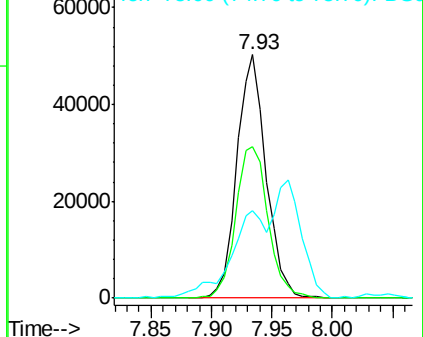
146 100

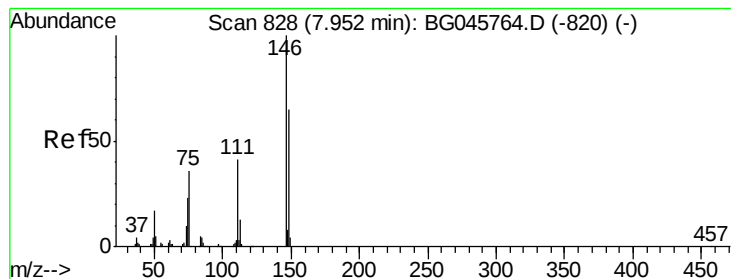
148 62.5 55.7 83.5

75 35.7 29.8 44.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 18.198 ng

RT: 7.93 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

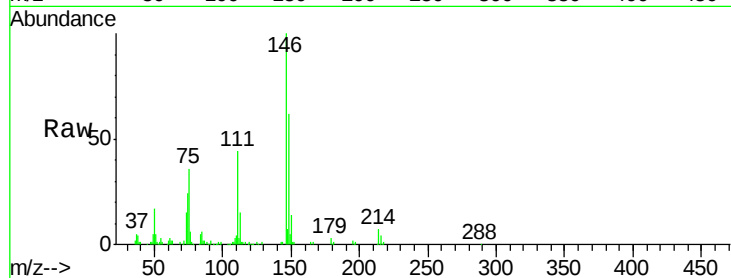
Tot Ion:146 Resp: 84905

Ion Ratio Lower Upper

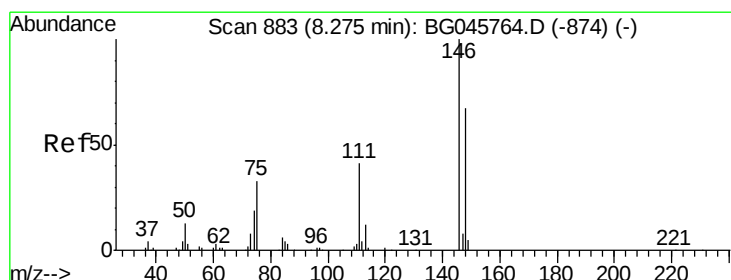
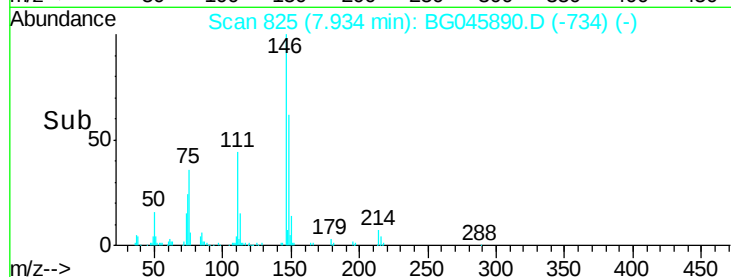
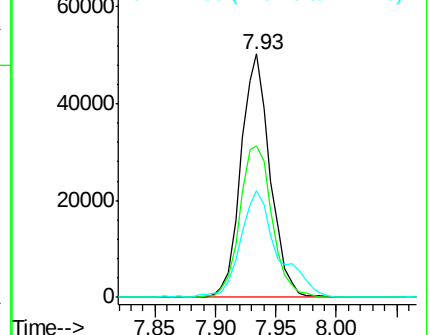
146 100

148 62.5 52.9 79.3

111 43.8 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 17.184 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

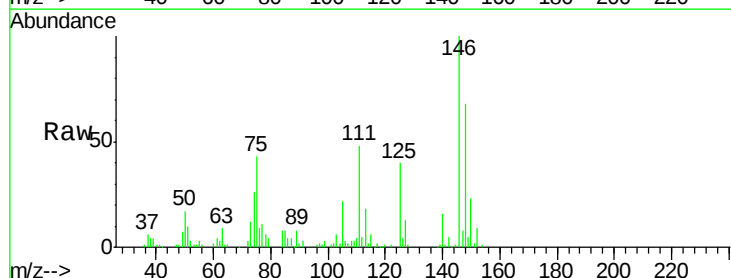
Tgt Ion:146 Resp: 76757

Ion Ratio Lower Upper

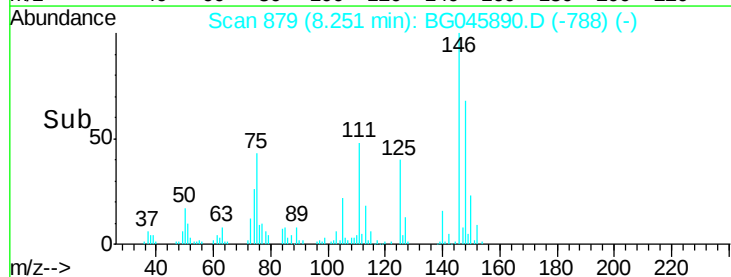
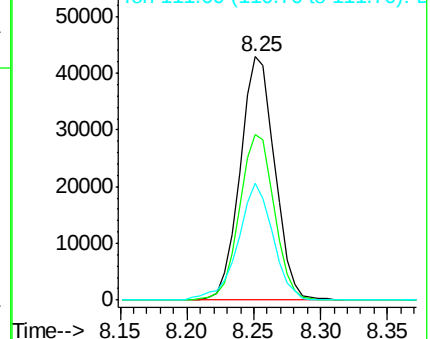
146 100

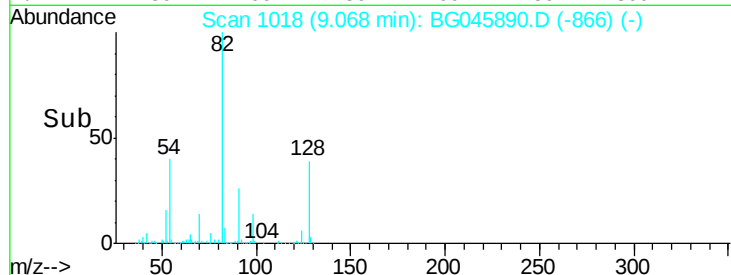
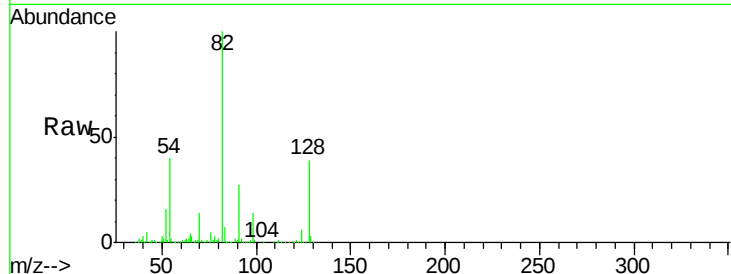
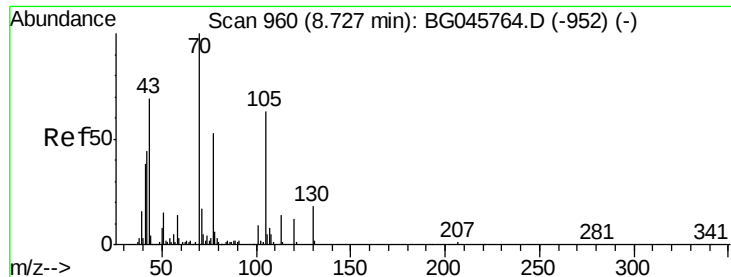
148 67.9 54.9 82.3

111 47.8 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

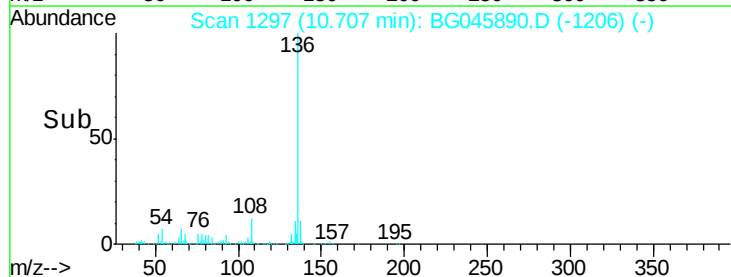
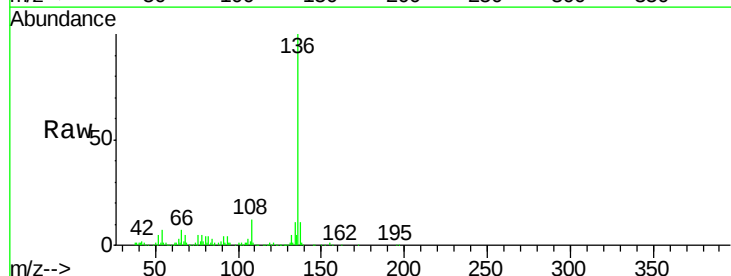
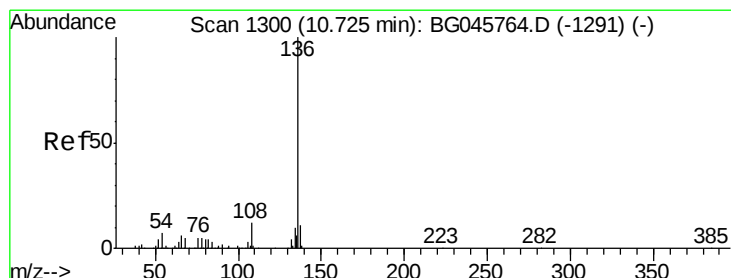
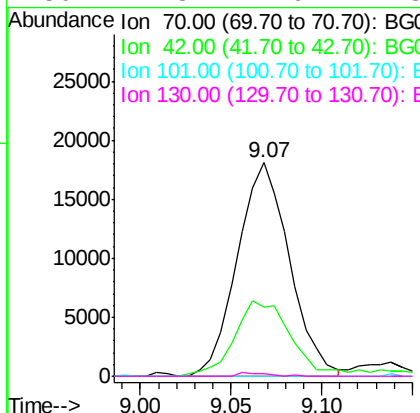




#19
n-Nitroso-di-n-propylamine
Concen: 9.929 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

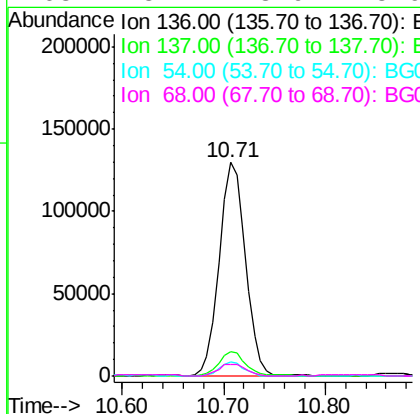
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

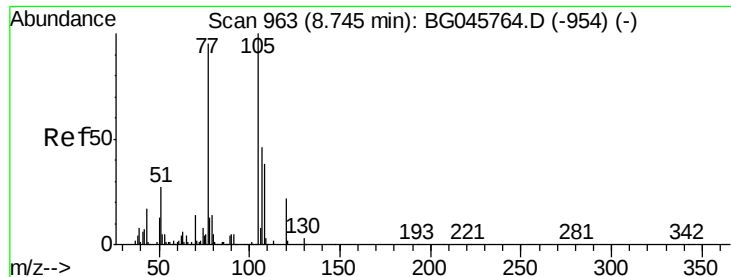
Tot Ion: 70 Resp: 36359
Ion Ratio Lower Upper
70 100
42 32.5 33.9 50.9#
101 0.0 8.0 12.0#
130 1.3 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion: 136 Resp: 233610
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 6.5 4.9 7.3
68 5.4 3.9 5.9





#22

Acetophenone

Concen: 7.256 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.06 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

Tot Ion:105 Resp: 46525

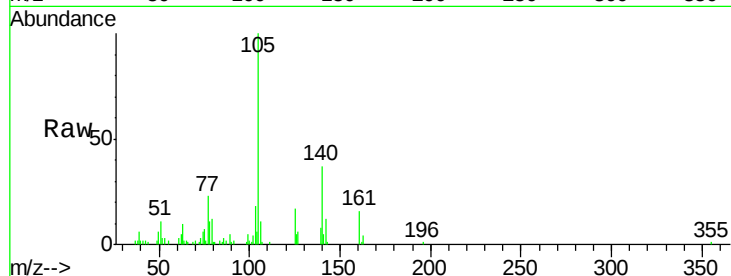
Ion Ratio Lower Upper

105 100

71 0.0 3.5 5.3#

51 10.6 24.5 36.7#

120 0.0 17.4 26.2#

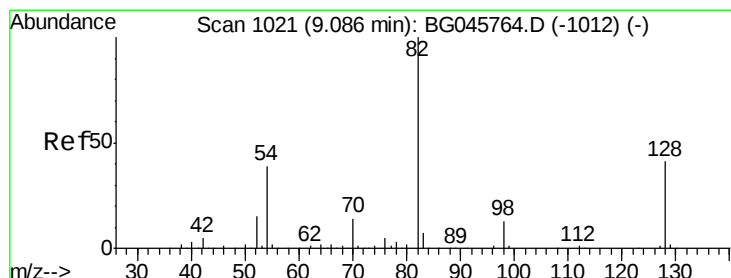
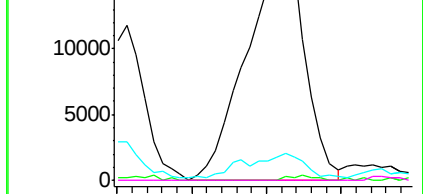
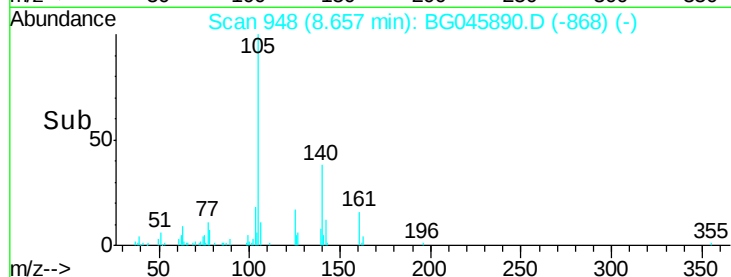


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 50.392 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

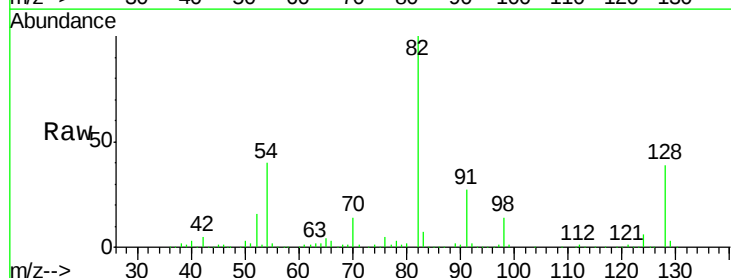
Tgt Ion: 82 Resp: 257690

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

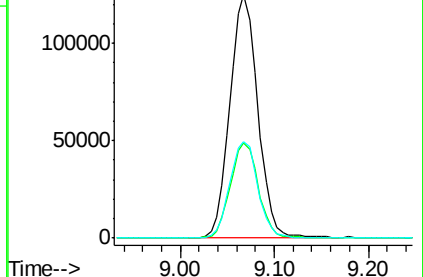
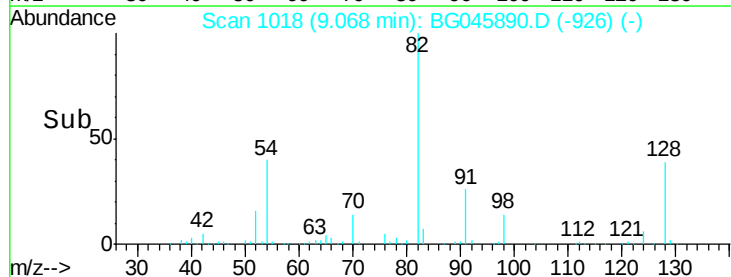
54 39.9 32.6 49.0

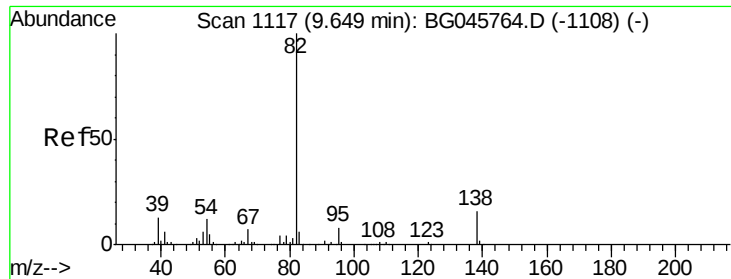


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#25

Isophorone

Concen: 2.862 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.10 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

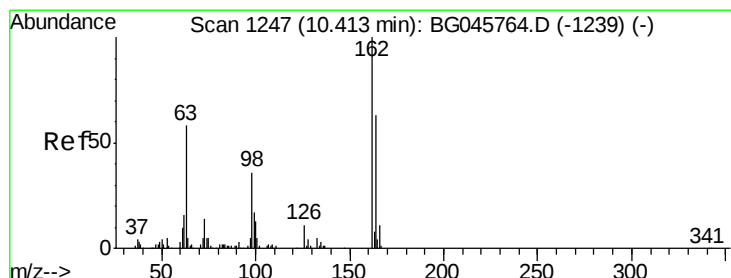
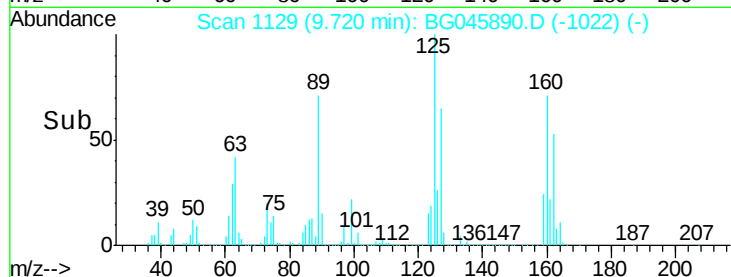
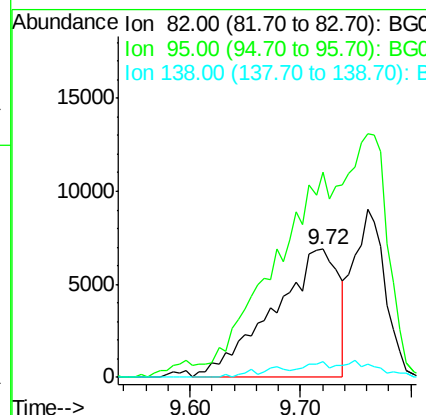
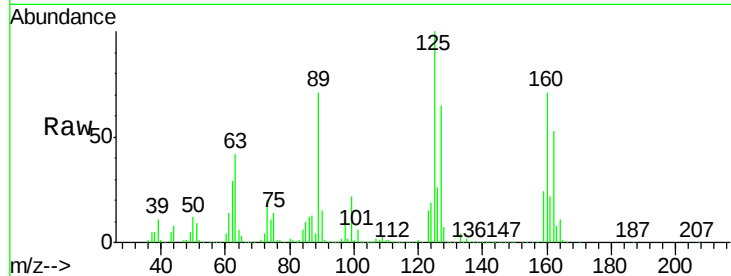
Tot Ion: 82 Resp: 28334

Ion Ratio Lower Upper

82 100

95 160.0 6.5 9.7#

138 12.3 13.4 20.2#



#29

2,4-Dichlorophenol

Concen: 515.108 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.24 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

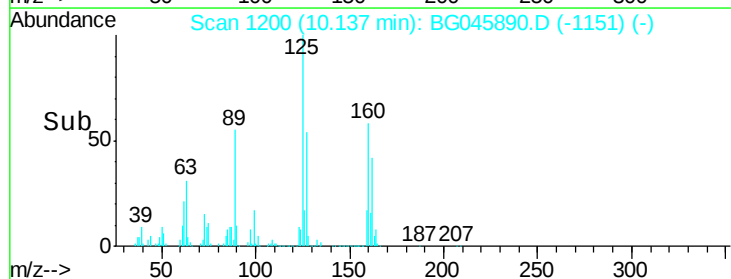
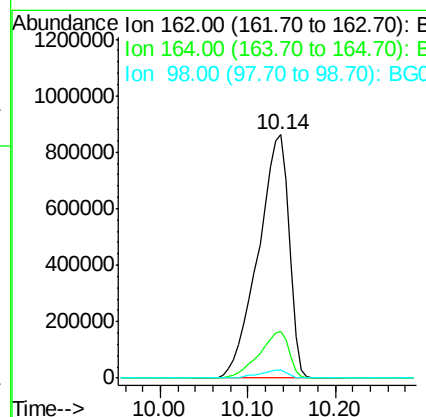
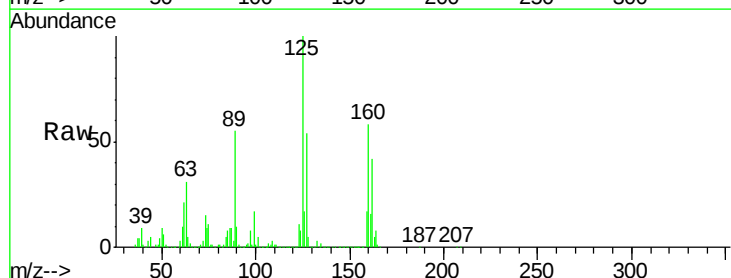
Tgt Ion: 162 Resp: 2084251

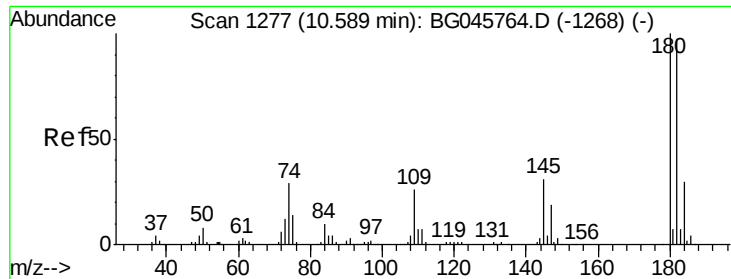
Ion Ratio Lower Upper

162 100

164 19.2 50.3 90.3#

98 3.2 16.9 56.9#

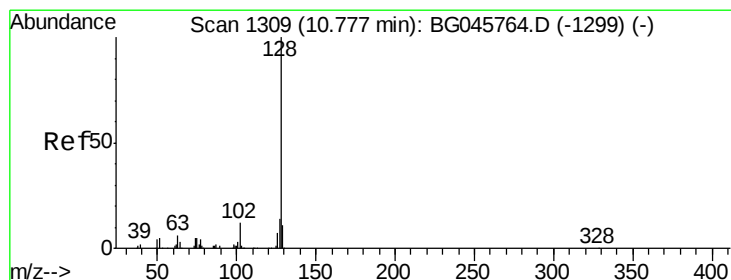
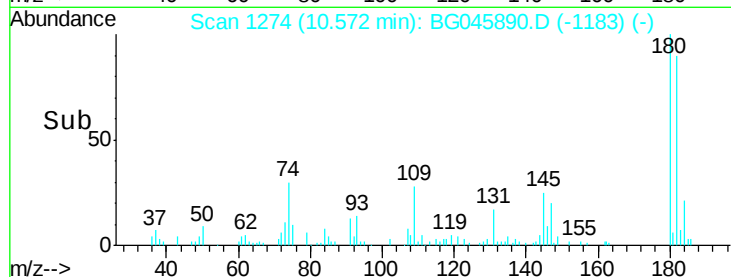
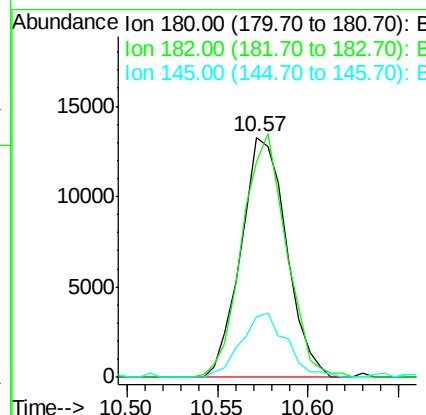
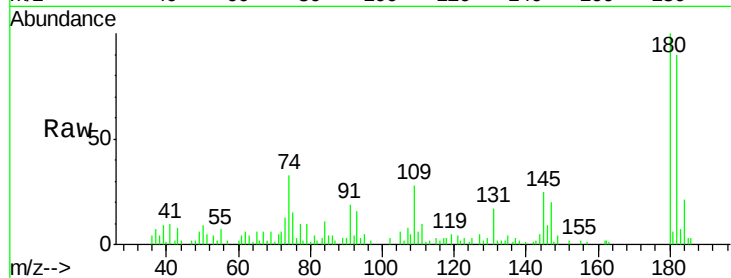




#30
 1,2,4-Trichlorobenzene
 Concen: 4.857 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

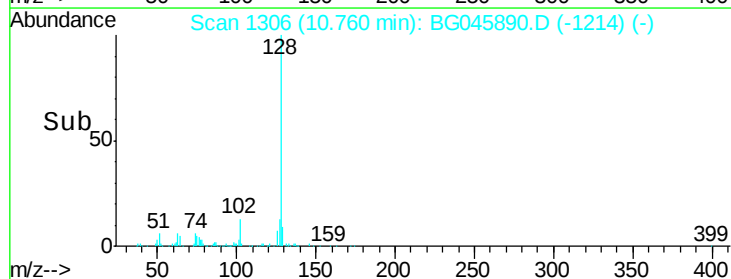
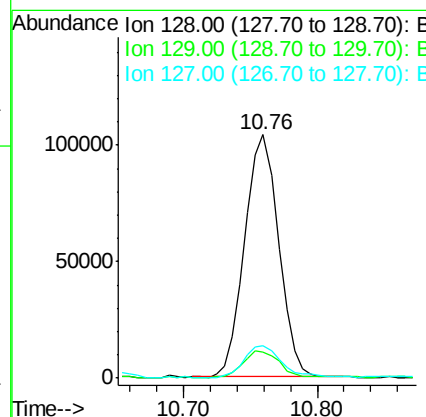
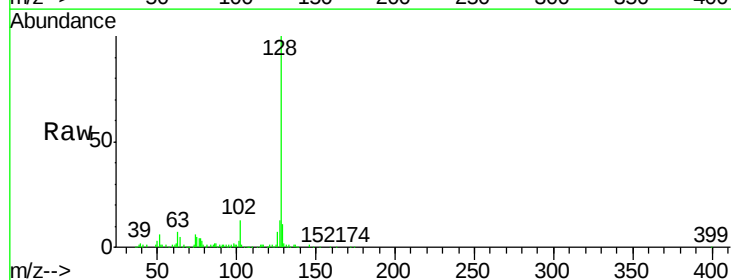
Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-05

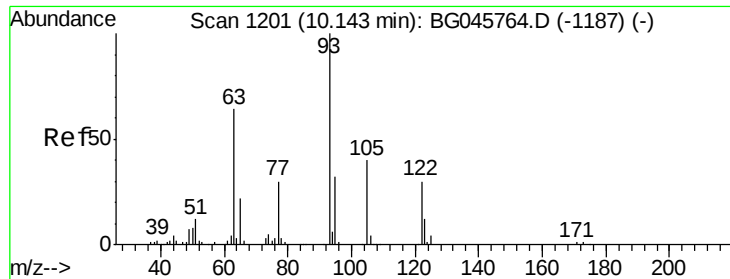
Tot Ion:180 Resp: 23267
 Ion Ratio Lower Upper
 180 100
 182 89.6 75.0 112.4
 145 25.1 22.9 34.3



#31
 Naphthalene
 Concen: 14.347 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

Tgt Ion:128 Resp: 183237
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.8 14.8
 127 13.2 11.1 16.7

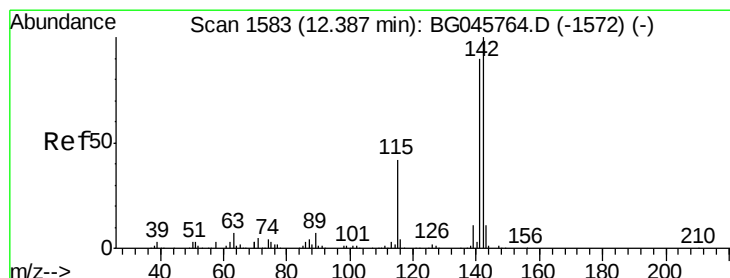
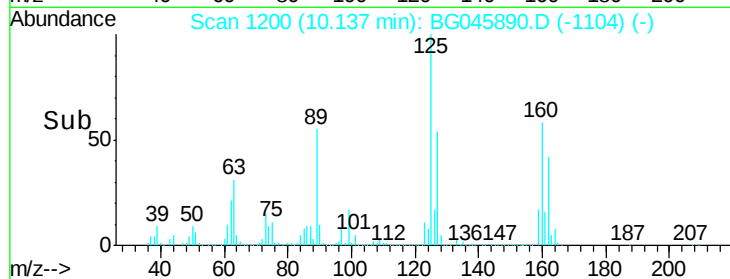
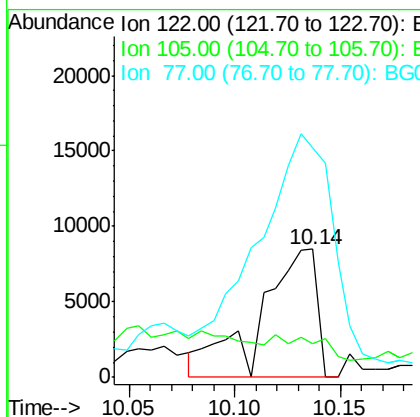
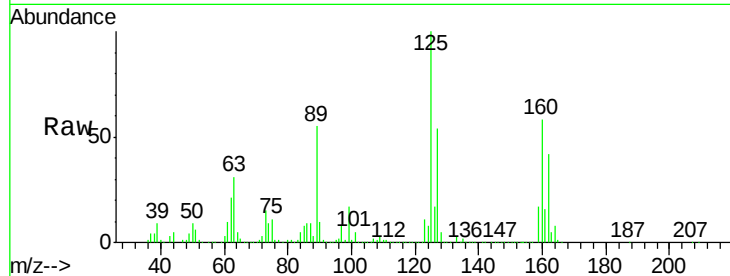




#32
Benzoic acid
Concen: 14.754 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.03 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

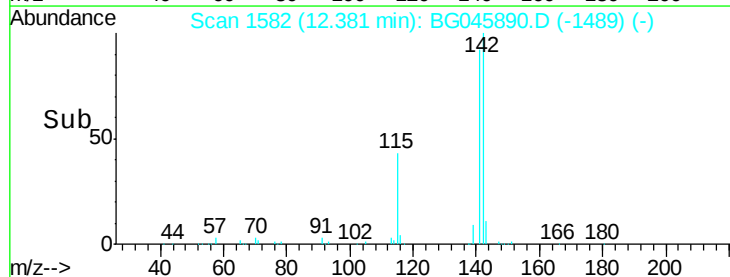
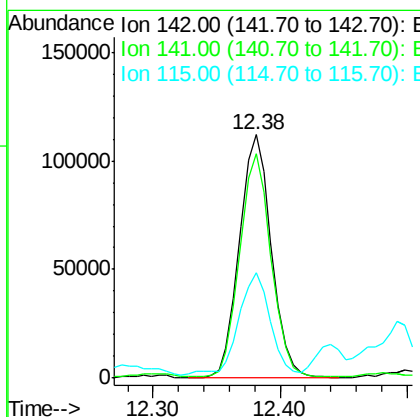
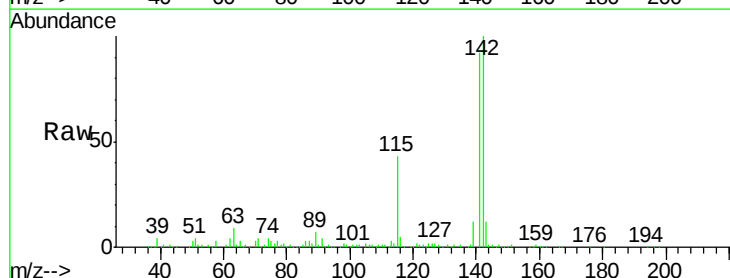
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

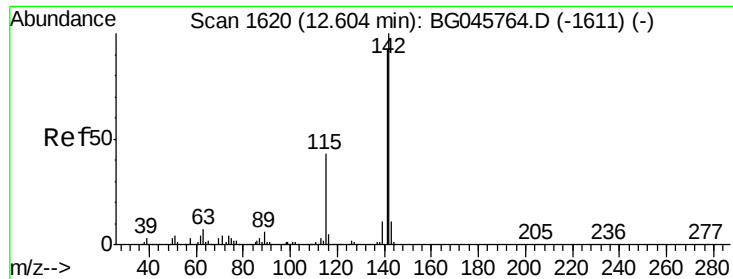
Tot Ion:122 Resp: 15980
Ion Ratio Lower Upper
122 100
105 26.1 110.1 150.1#
77 178.4 94.1 134.1#



#37
2-Methylnaphthalene
Concen: 20.393 ng
RT: 12.38 min Scan# 1582
Delta R.T. 0.02 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion:142 Resp: 193948
Ion Ratio Lower Upper
142 100
141 92.2 70.3 105.5
115 43.5 32.4 48.6

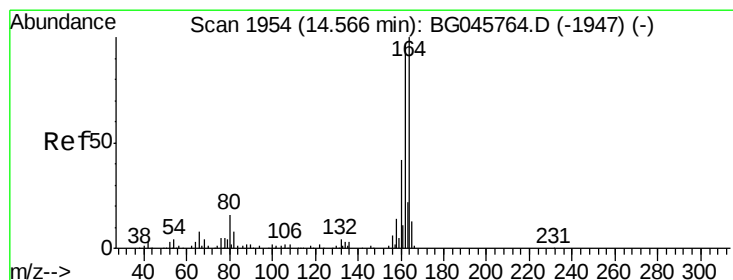
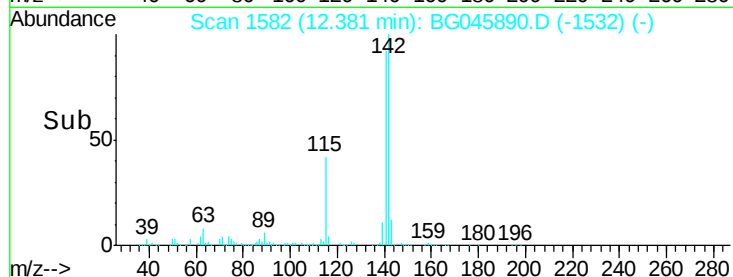
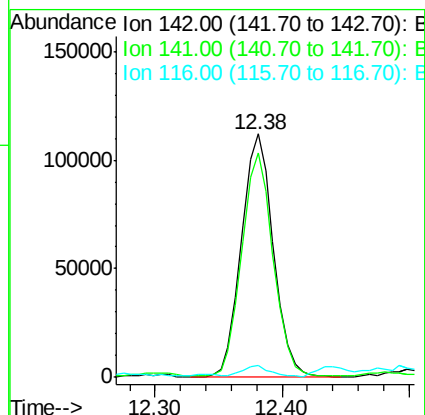
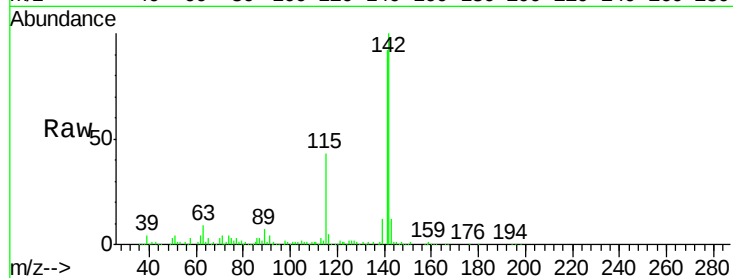




#38
1-Methylnaphthalene
Concen: 21.550 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.21 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

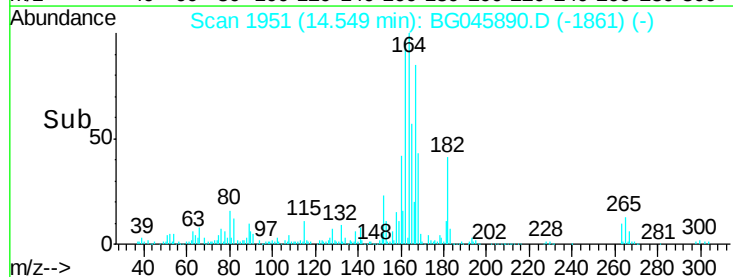
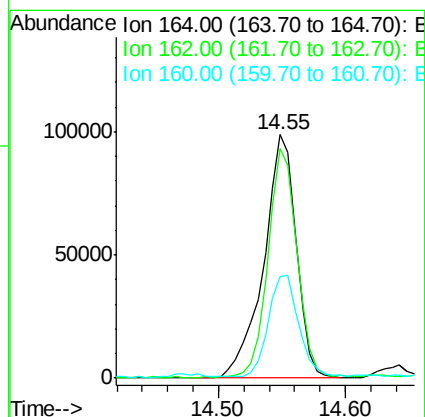
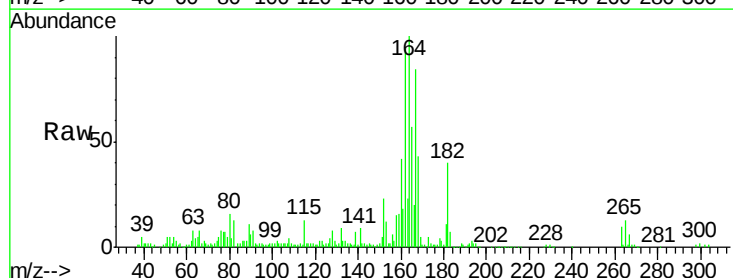
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

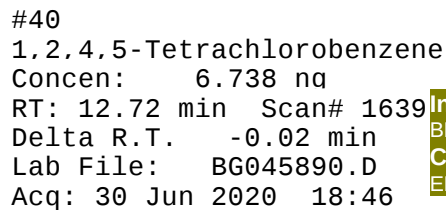
Tot Ion:142 Resp: 193948
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
116 4.8 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

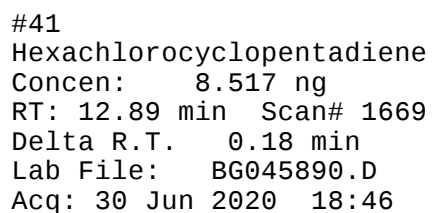
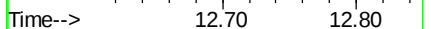
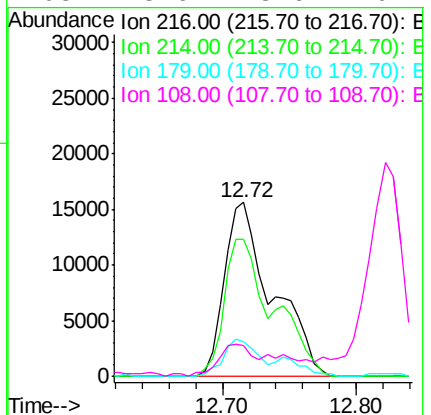
Tgt Ion:164 Resp: 176205
Ion Ratio Lower Upper
164 100
162 94.4 80.6 120.8
160 41.6 35.0 52.4



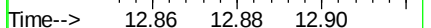
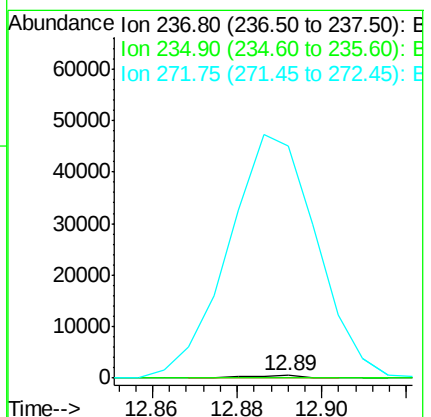


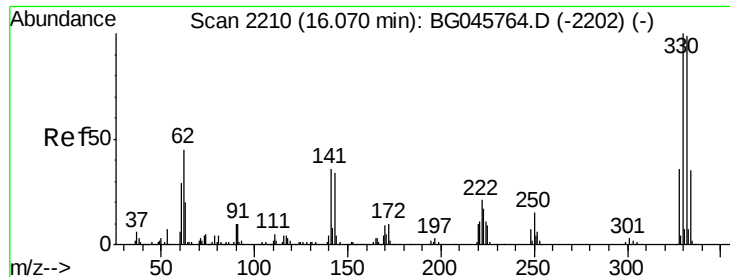
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Tot	Ion:216	Resp:	39094
Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.0	93.0
179	15.1	15.7	23.5#
108	13.6	13.6	20.4



Tgt	Ion:237	Resp:	352
Ion	Ratio	Lower	Upper
237	100		
235	0.0	41.3	81.3#
272	9775.3	0.0	32.9#

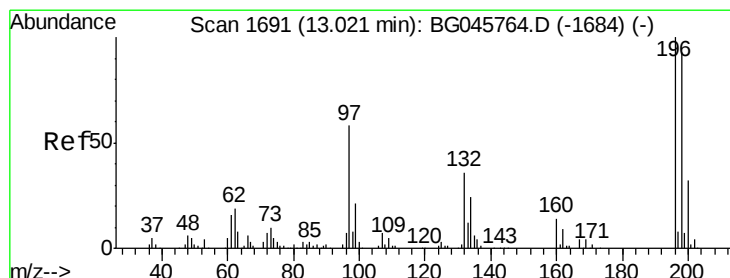
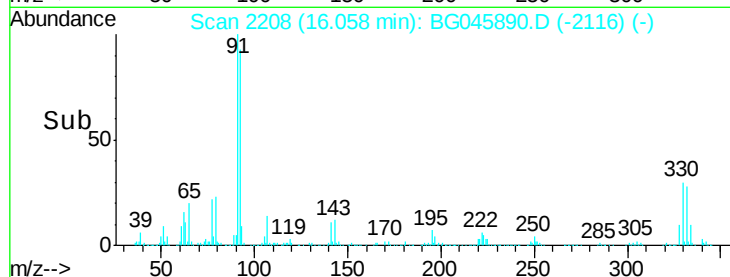
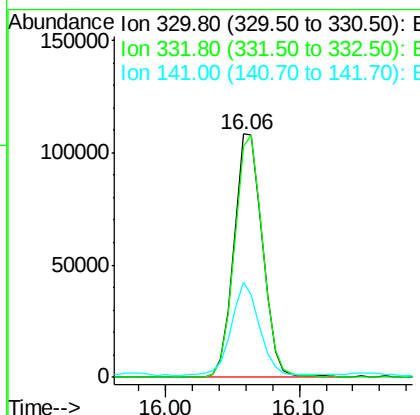
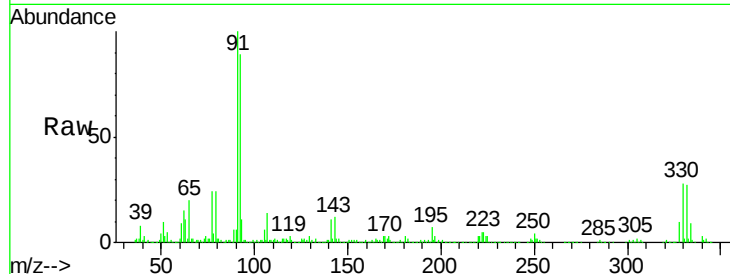




#42
 2,4,6-Tribromophenol
 Concen: 60.454 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

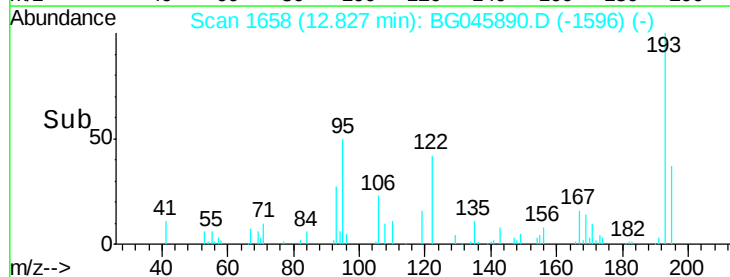
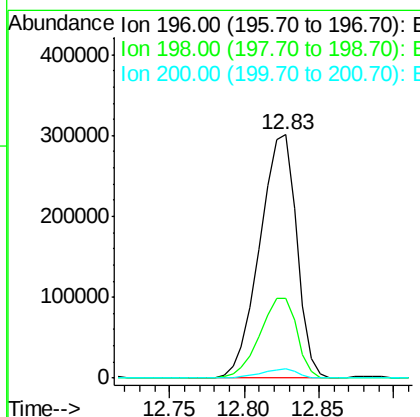
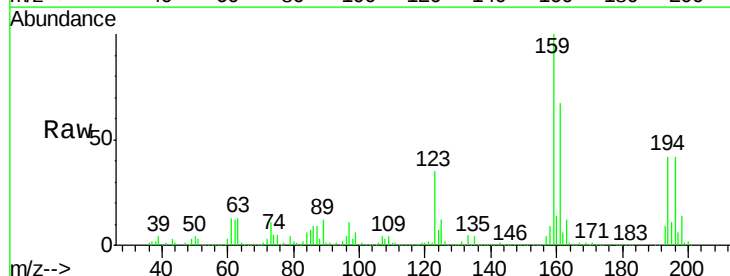
Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-05

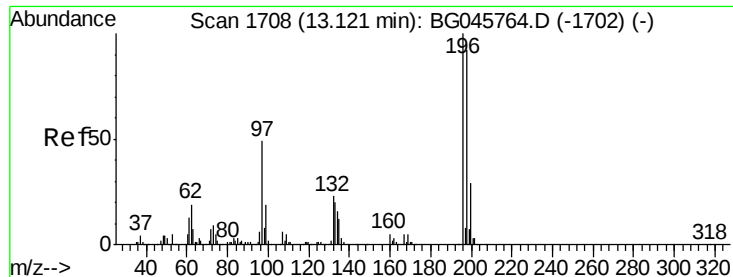
Tot Ion	330	332	141
Resp:	160823		
Ion Ratio	100	98.2	38.1
Lower		76.6	27.7
Upper		114.8	41.5



#43
 2,4,6-Trichlorophenol
 Concen: 131.586 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.17 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

Tgt Ion	196	198	200
Resp:	517630		
Ion Ratio	100	33.0	3.9
Lower		73.4	23.4
Upper		110.0#	35.0#

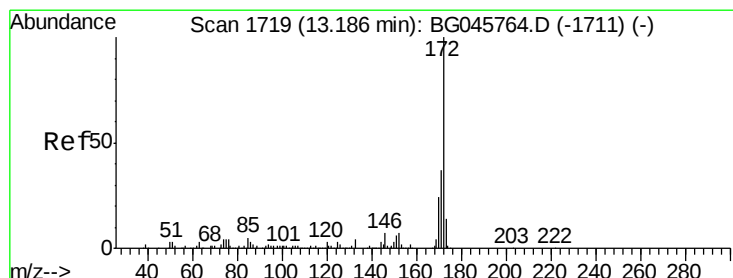
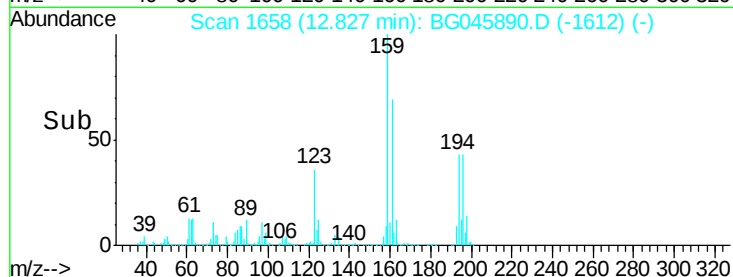
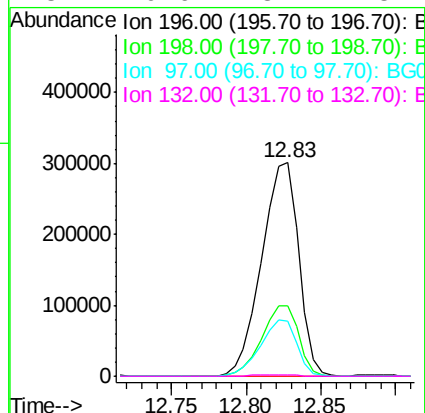
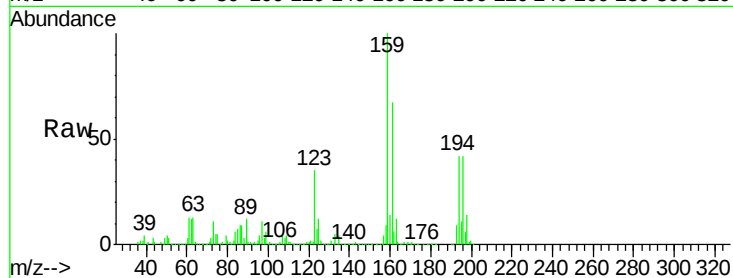




#44
2,4,5-Trichlorophenol
Concen: 115.455 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.26 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

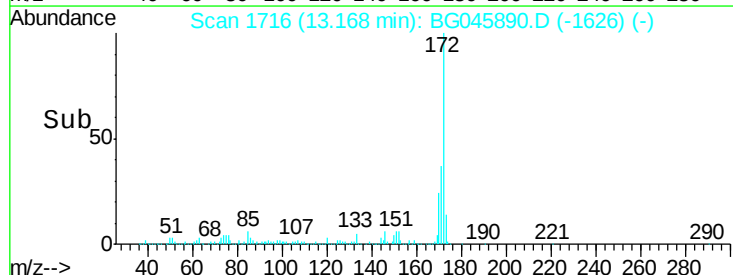
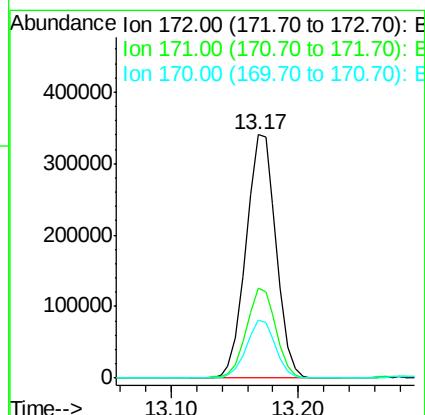
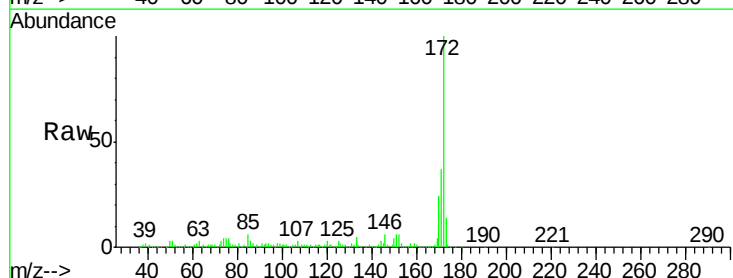
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

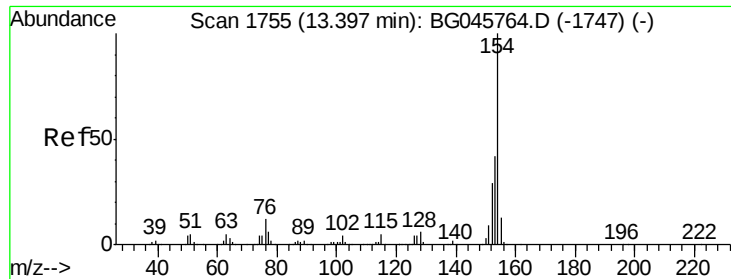
Tot Ion	Ratio	Lower	Upper
196	100		
198	33.0	71.8	107.8#
97	25.7	37.8	56.8#
132	0.6	18.7	28.1#



#45
2-Fluorobiphenyl
Concen: 46.539 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	23.8	19.1	28.7



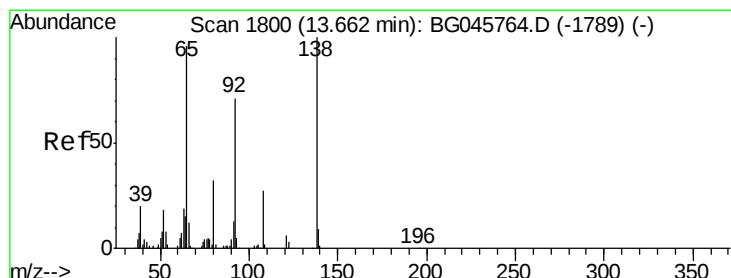
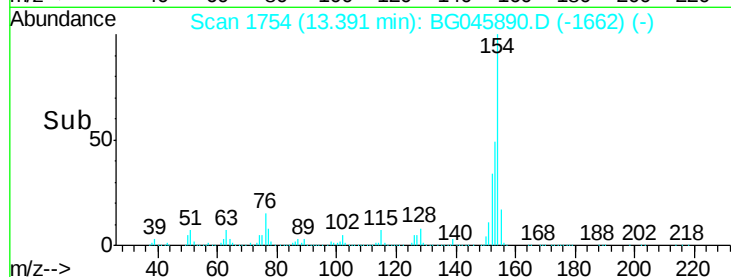
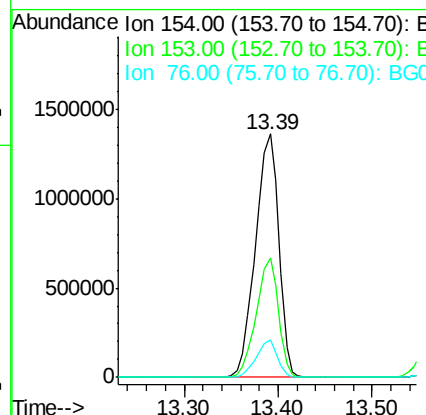
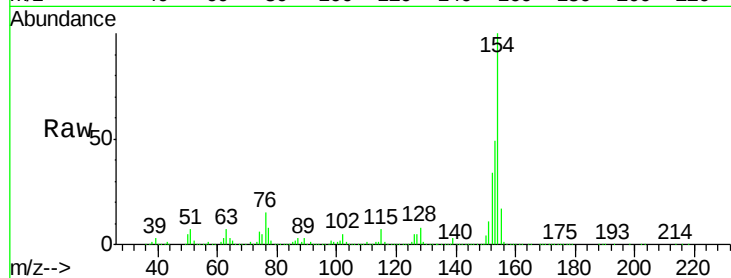


#46
 1,1'-Biphenyl
 Concen: 185.677 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion:154 Resp: 2342369

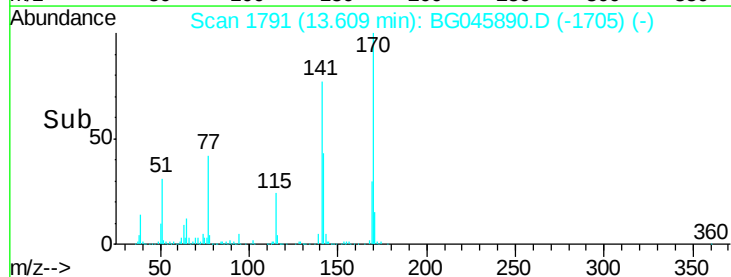
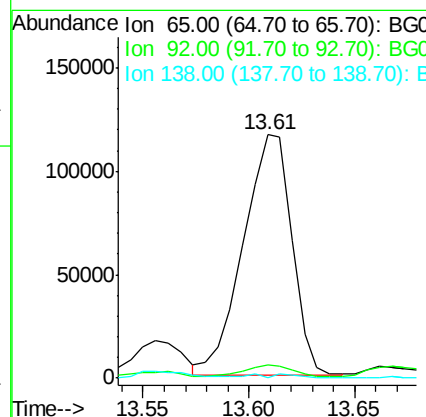
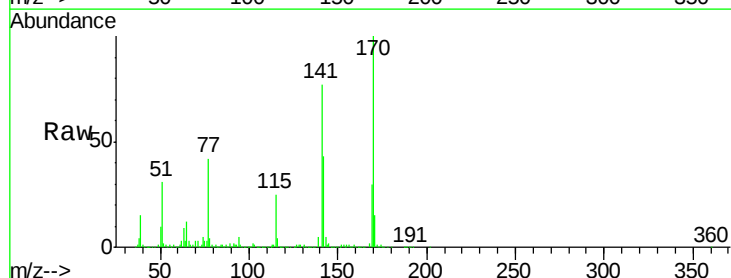
Ion	Ratio	Lower	Upper
154	100		
153	49.1	20.5	60.5
76	15.5	0.0	32.6

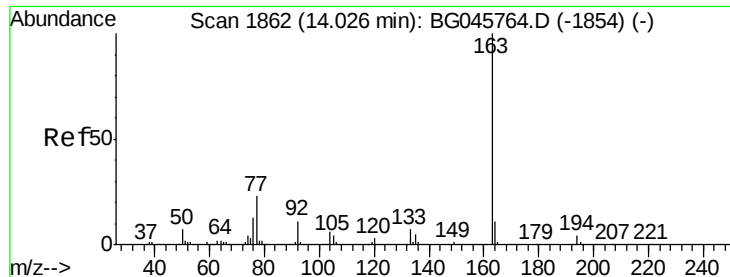


#48
 2-Nitroaniline
 Concen: 54.466 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

Tgt Ion: 65 Resp: 184624

Ion	Ratio	Lower	Upper
65	100		
92	5.3	54.6	82.0#
138	0.0	78.2	117.4#





#50

Dimethylphthalate

Concen: 4.239 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

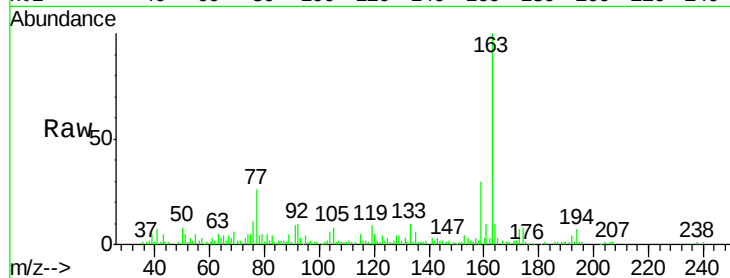
Tot Ion:163 Resp: 58518

Ion Ratio Lower Upper

163 100

194 7.0 3.3 4.9#

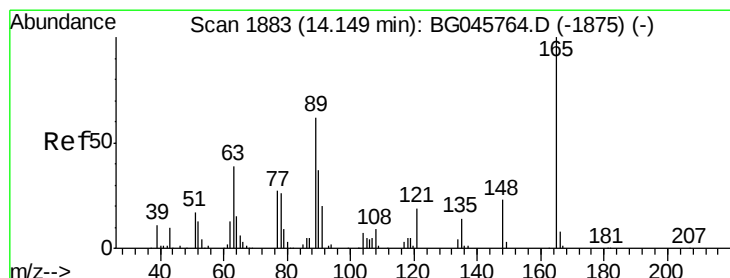
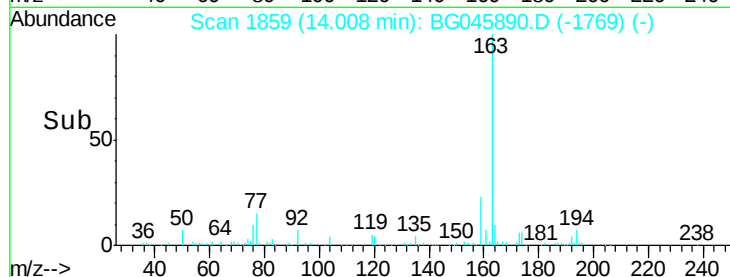
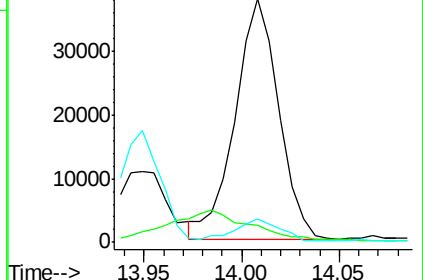
164 9.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 70.727 ng

RT: 13.95 min Scan# 1849

Delta R.T. -0.18 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

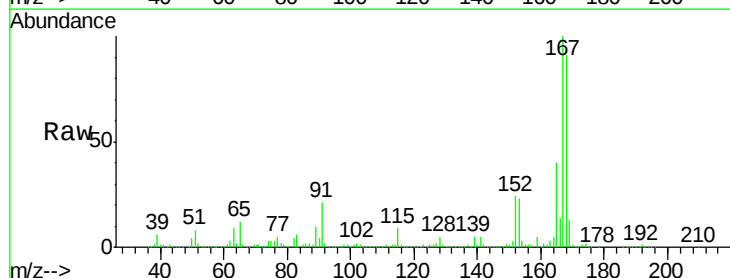
Tgt Ion:165 Resp: 219280

Ion Ratio Lower Upper

165 100

63 22.6 45.6 68.4#

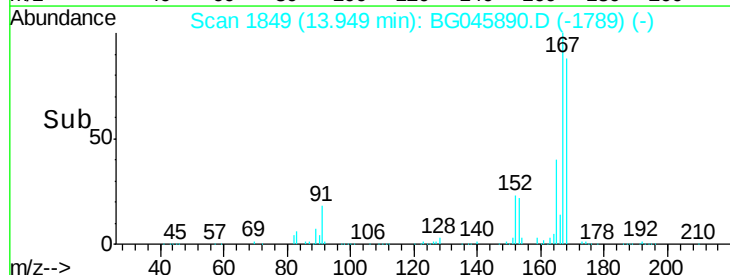
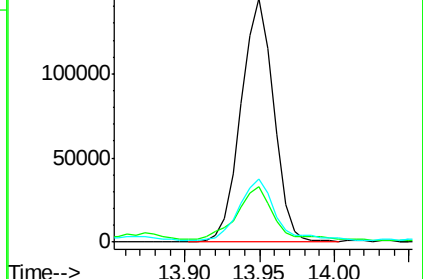
89 25.9 52.8 79.2#

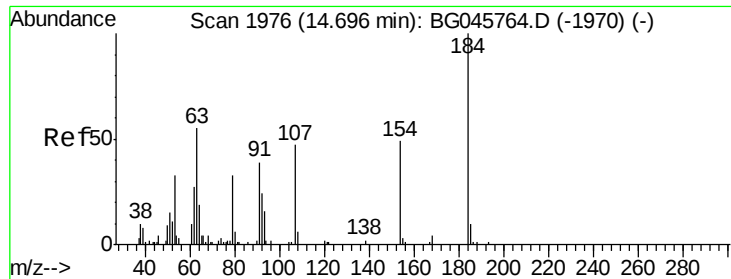


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

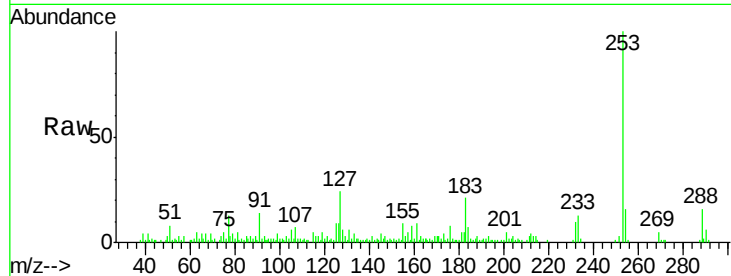




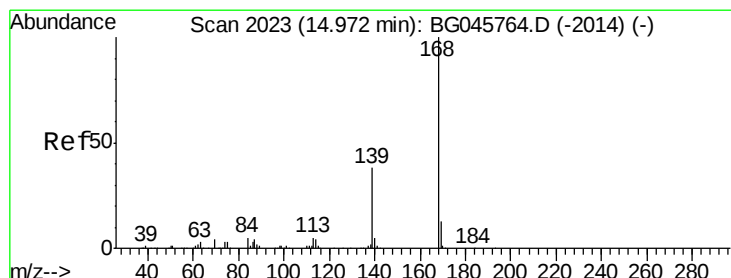
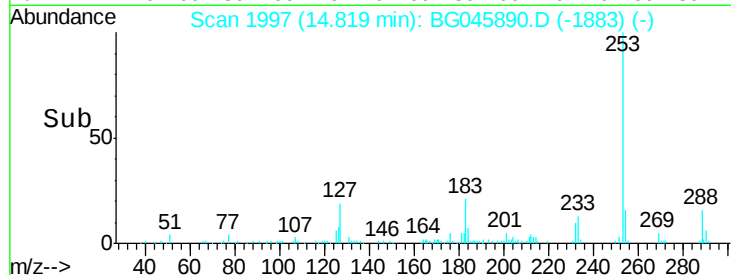
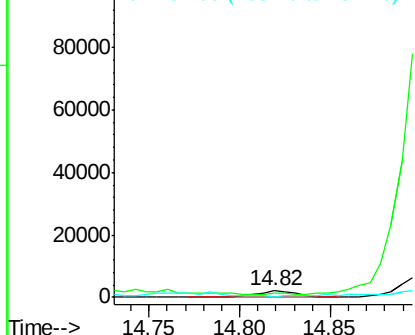
#54
2,4-Dinitrophenol
Concen: 11.597 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.14 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion:184 Resp: 3483
Ion Ratio Lower Upper
184 100
63 68.6 51.9 77.9
154 12.7 60.7 91.1#

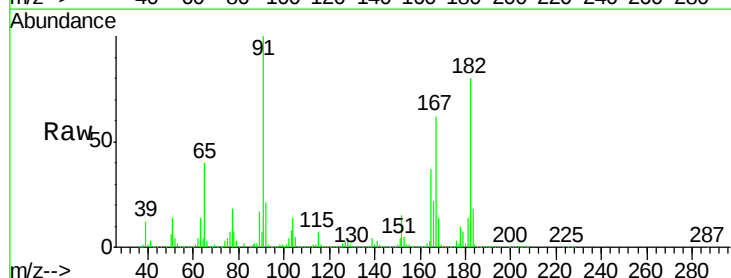


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

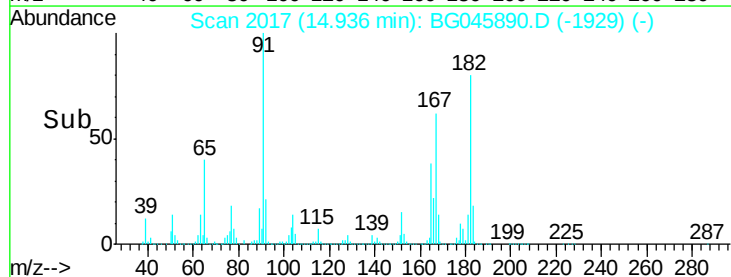
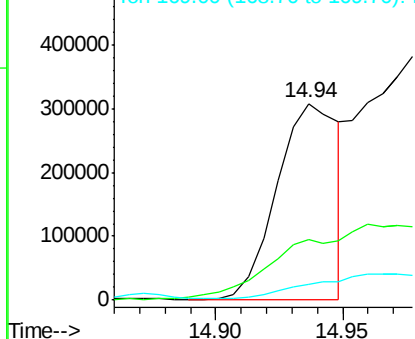


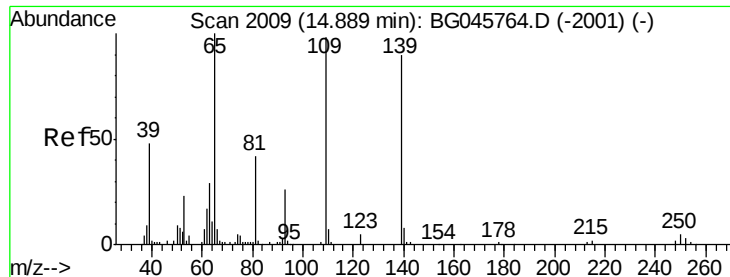
#55
Dibenzofuran
Concen: 32.351 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion:168 Resp: 519965
Ion Ratio Lower Upper
168 100
139 30.8 31.4 47.2#
169 8.3 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 240.848 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.12 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

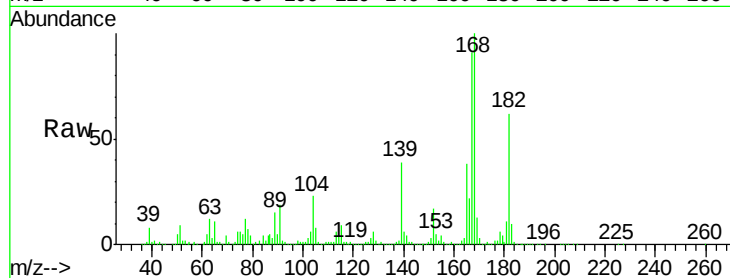
Tot Ion:139 Resp: 553026

Ion Ratio Lower Upper

139 100

109 1.7 83.9 123.9#

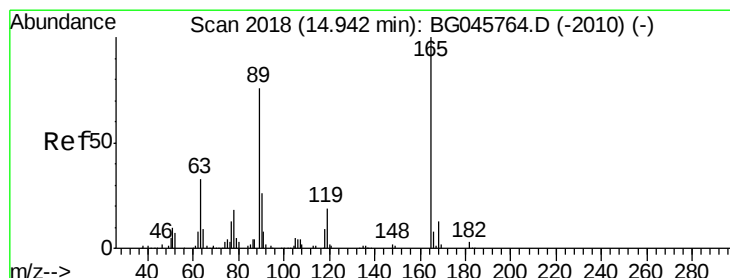
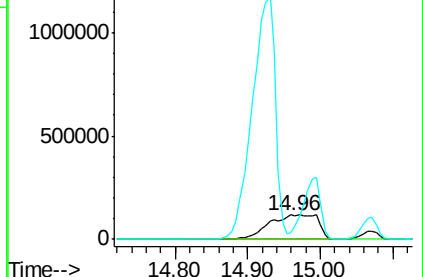
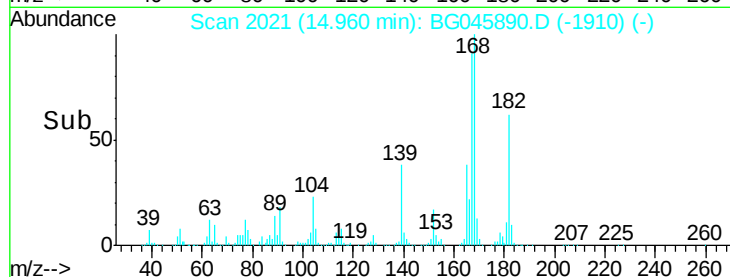
65 28.1 87.8 127.8#



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): BGC



#57

2,4-Dinitrotoluene

Concen: 351.255 ng

RT: 14.94 min Scan# 2017

Delta R.T. 0.02 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Tgt Ion:165 Resp: 1560328

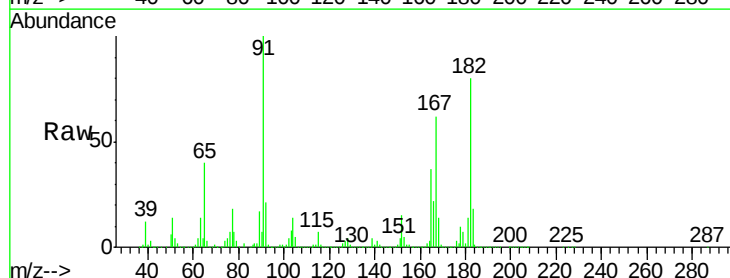
Ion Ratio Lower Upper

165 100

63 37.0 35.2 52.8

89 45.1 61.4 92.2#

182 214.4 2.3 3.5#

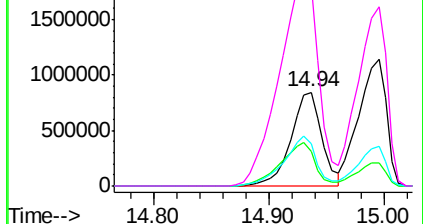
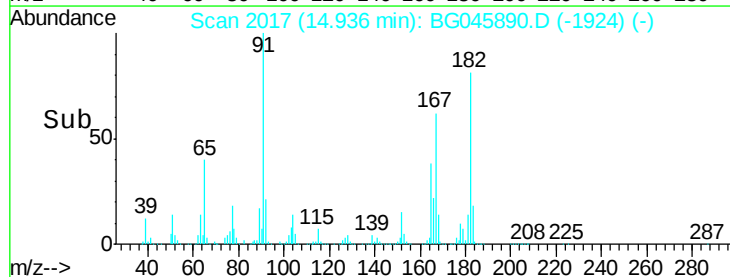


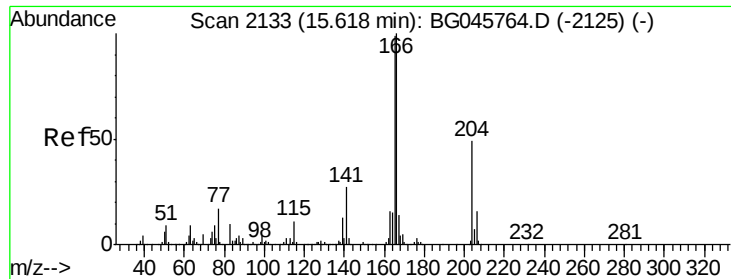
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 348.653 ng

RT: 15.63 min Scan# 2135

Delta R.T. 0.03 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

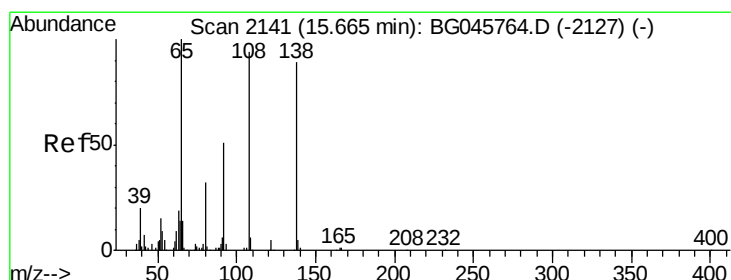
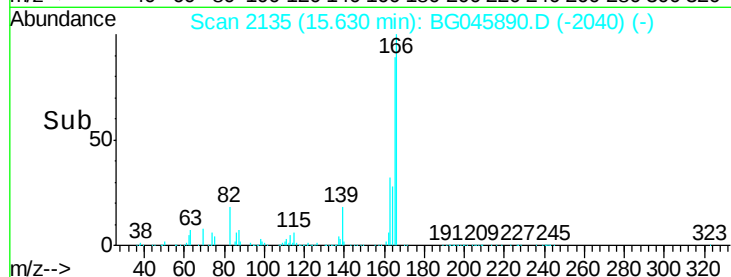
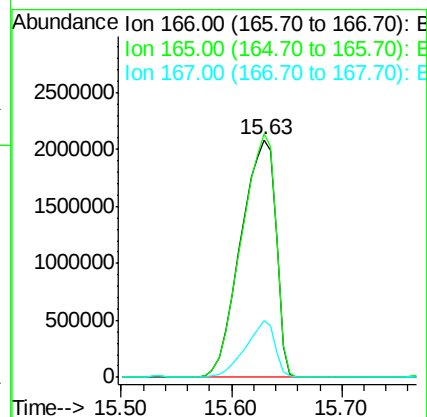
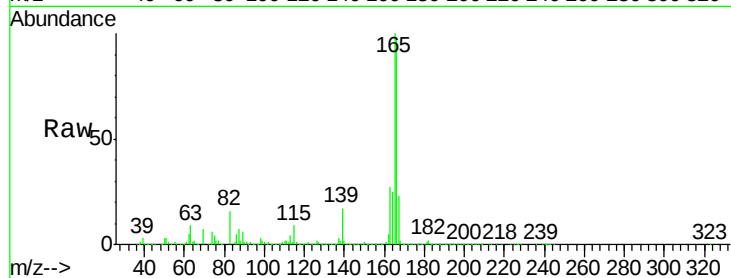
Tot Ion:166 Resp: 4659689

Ion Ratio Lower Upper

166 100

165 102.4 78.2 117.2

167 24.0 11.3 16.9#



#62

4-Nitroaniline

Concen: 28.110 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

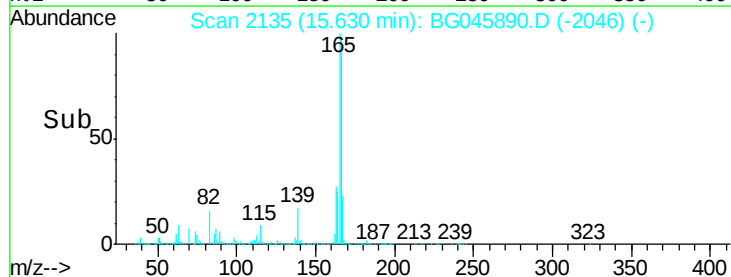
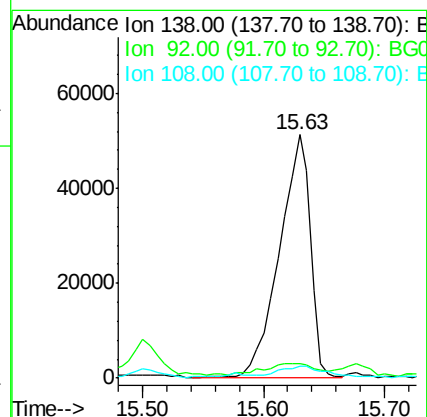
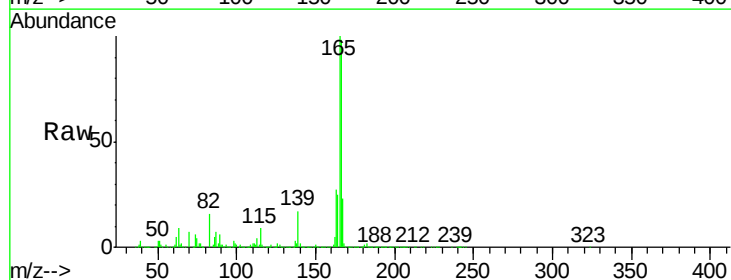
Tgt Ion:138 Resp: 89339

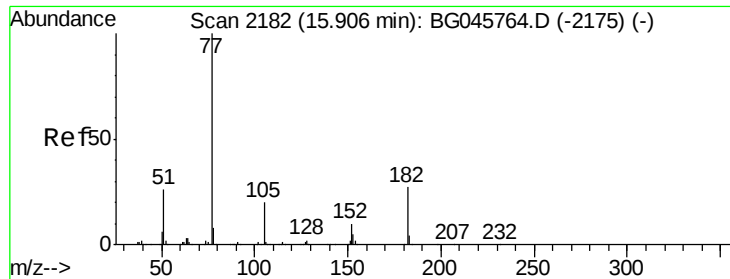
Ion Ratio Lower Upper

138 100

92 5.7 38.5 78.5#

108 4.7 85.0 125.0#

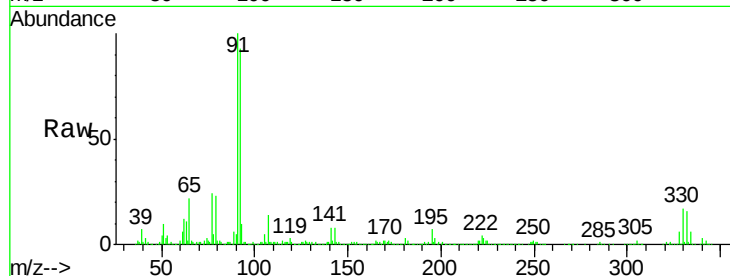




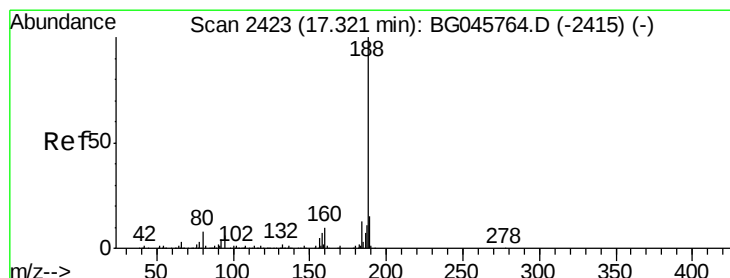
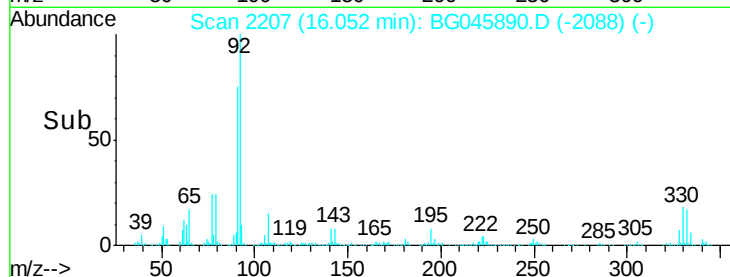
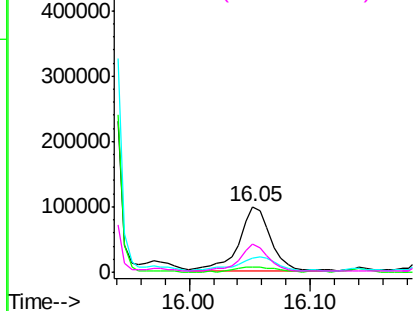
#63
Azobenzene
Concen: 12.938 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.17 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion	Ratio	Lower	Upper
77	100		
182	8.0	5.1	45.1
105	22.0	0.0	38.4
51	42.4	4.9	44.9

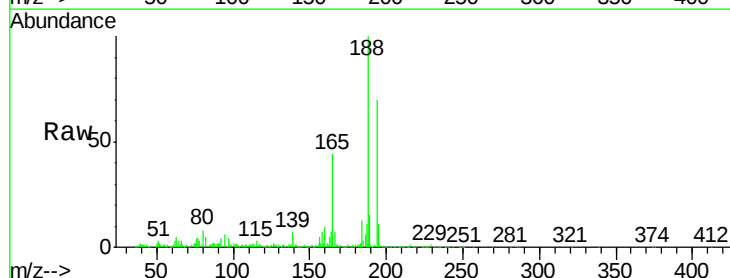


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

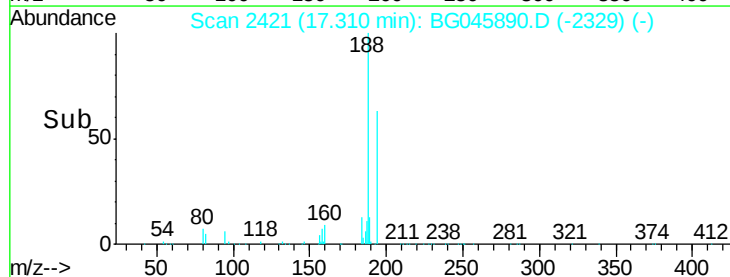
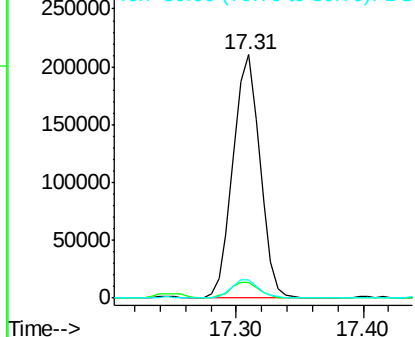


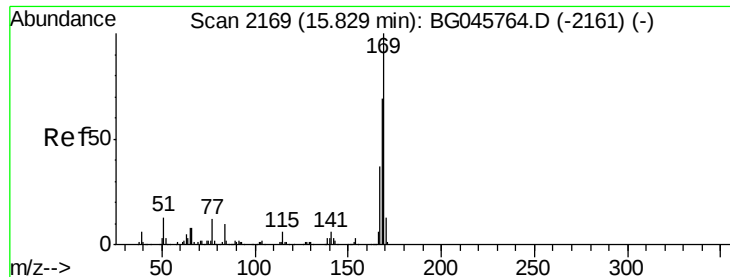
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	7.6	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

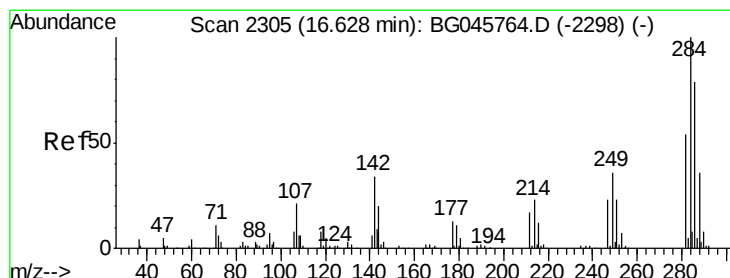
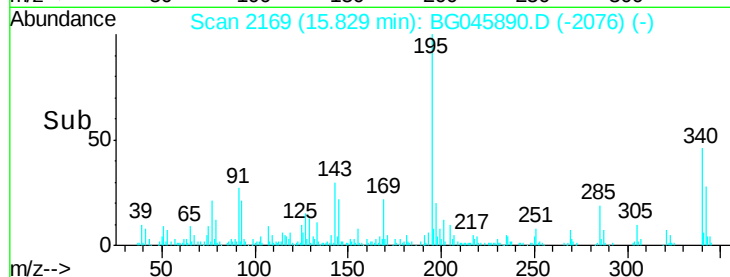
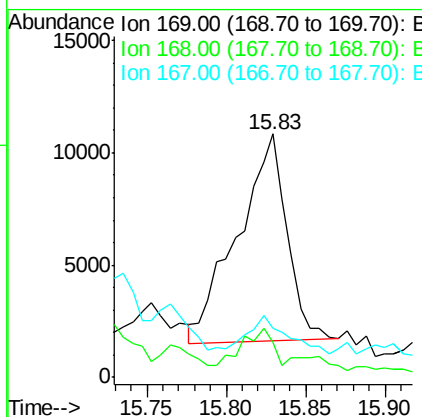
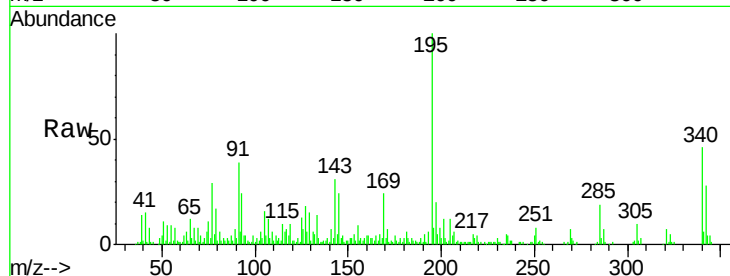




#66
n-Nitrosodiphenylamine
Concen: 2.287 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.02 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

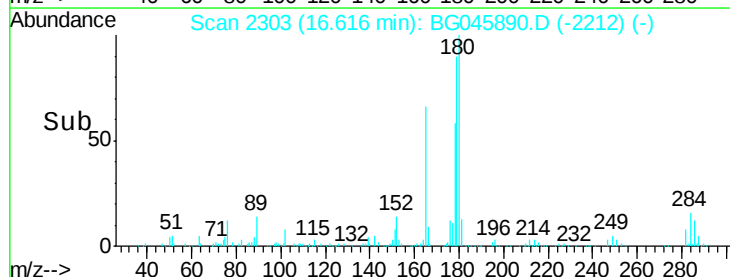
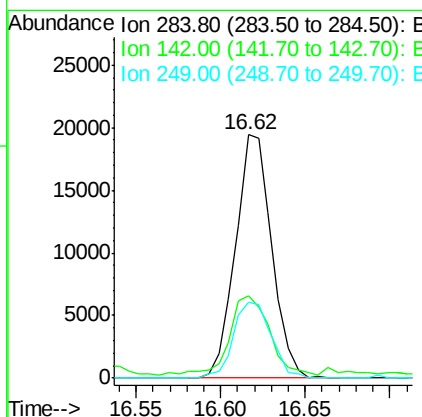
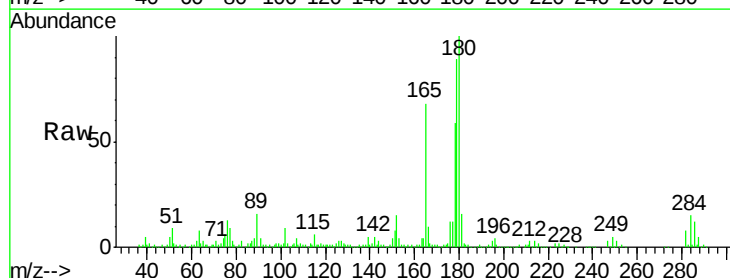
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

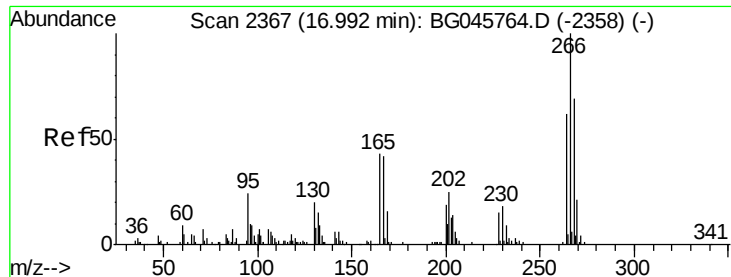
Tot Ion:169 Resp: 19909
Ion Ratio Lower Upper
169 100
168 14.5 54.8 82.2#
167 20.0 30.0 45.0#



#68
Hexachlorobenzene
Concen: 7.005 ng
RT: 16.62 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion:284 Resp: 29011
Ion Ratio Lower Upper
284 100
142 33.7 24.5 36.7
249 31.4 25.1 37.7

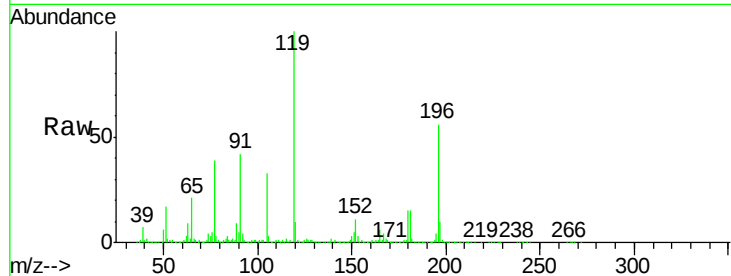




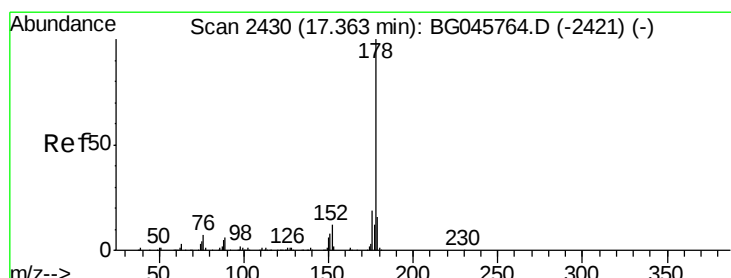
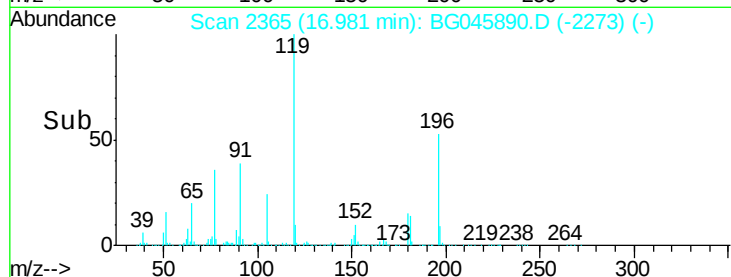
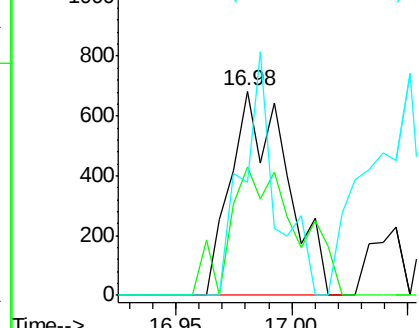
#70
 Pentachlorophenol
 Concen: 8.144 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. 0.01 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-05

Tot Ion:266 Resp: 1154
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.9 76.3
 264 55.2 49.8 74.8

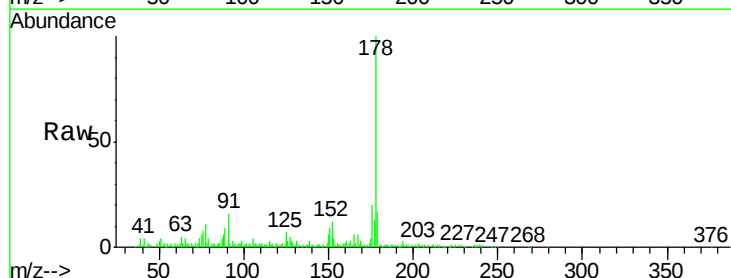


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

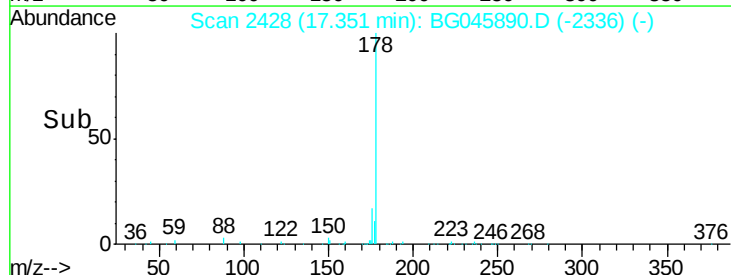
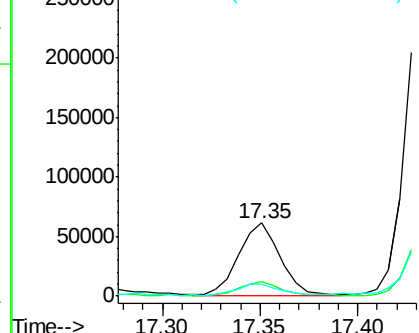


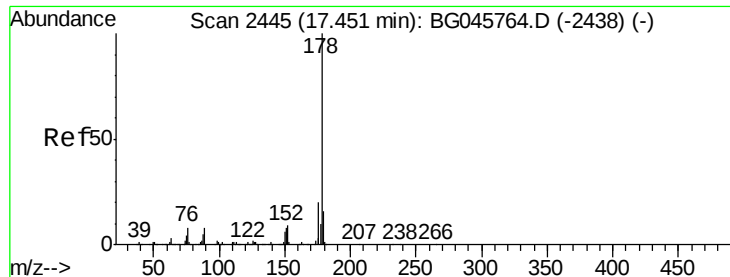
#71
 Phenanthrene
 Concen: 5.580 ng
 RT: 17.35 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BG045890.D
 Acq: 30 Jun 2020 18:46

Tgt Ion:178 Resp: 88453
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.7 13.2 19.8



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: 51.733 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

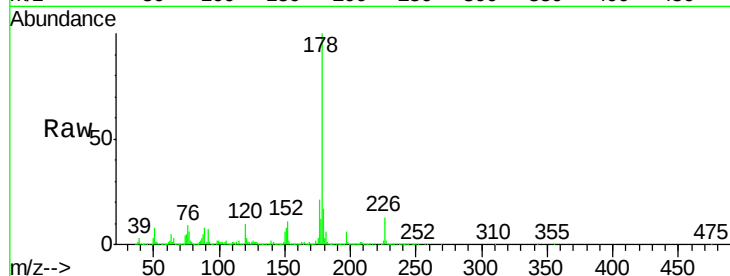
Tot Ion:178 Resp: 816666

Ion Ratio Lower Upper

178 100

176 20.9 15.7 23.5

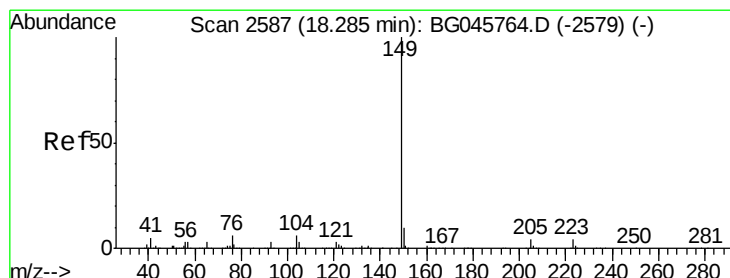
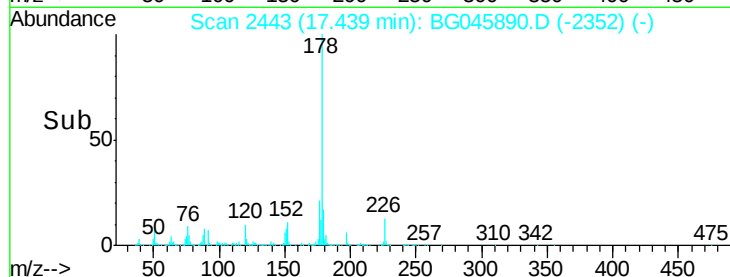
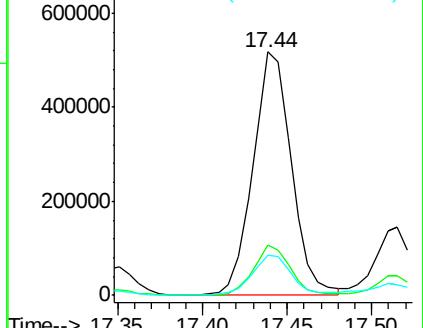
179 16.7 12.8 19.2



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



#74

Di-n-butylphthalate

Concen: 4.100 ng

RT: 18.27 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

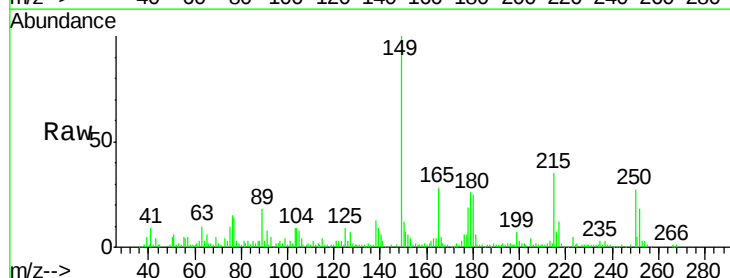
Tgt Ion:149 Resp: 72977

Ion Ratio Lower Upper

149 100

150 11.6 7.8 11.6

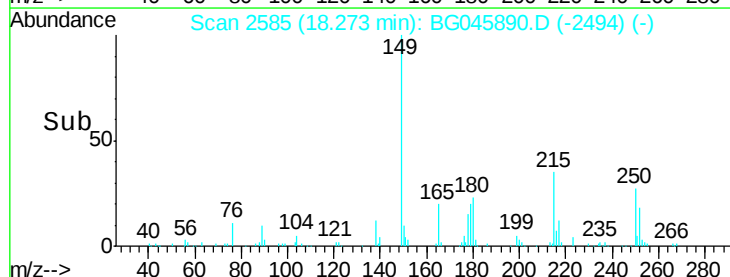
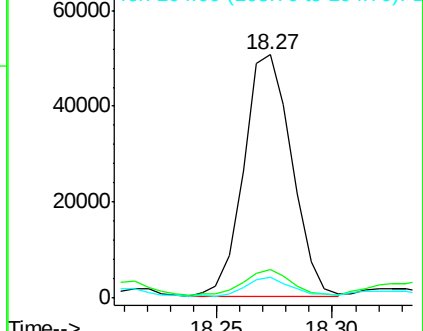
104 8.6 4.9 7.3#

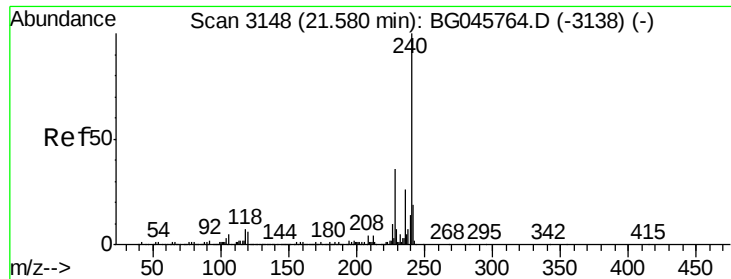


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-05

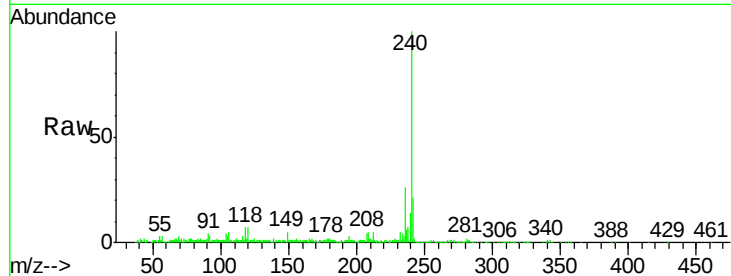
Tot Ion:240 Resp: 295319

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

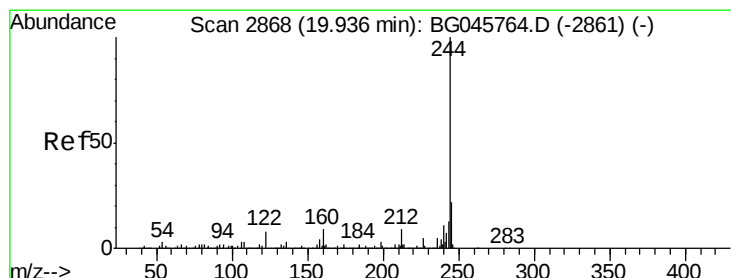
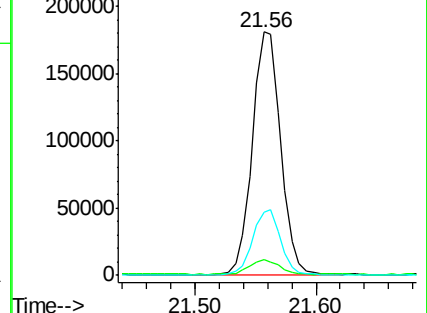
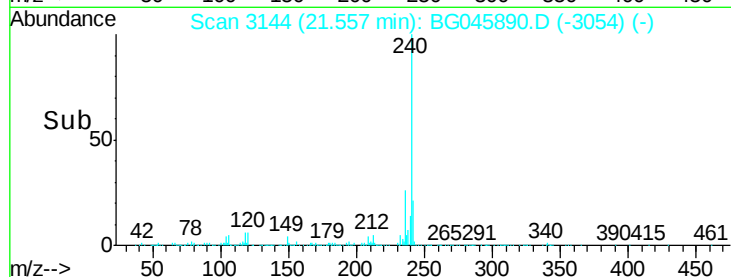
236 26.2 21.3 31.9



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: 55.459 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045890.D

Acq: 30 Jun 2020 18:46

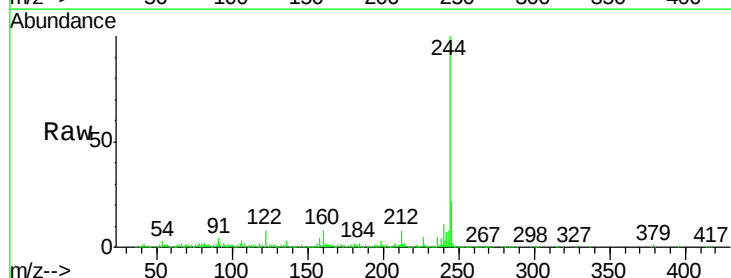
Tgt Ion:244 Resp: 808161

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

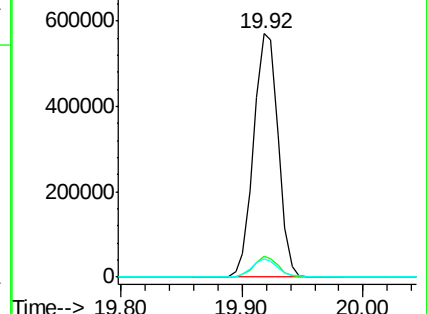
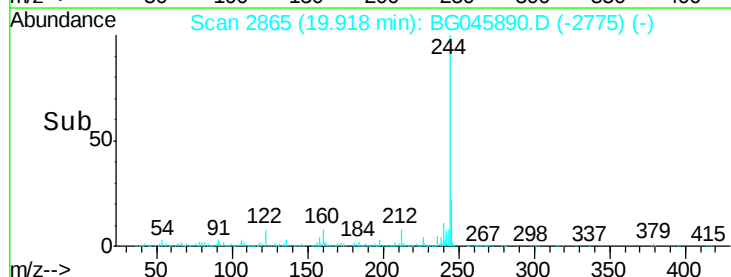
122 7.8 6.9 10.3

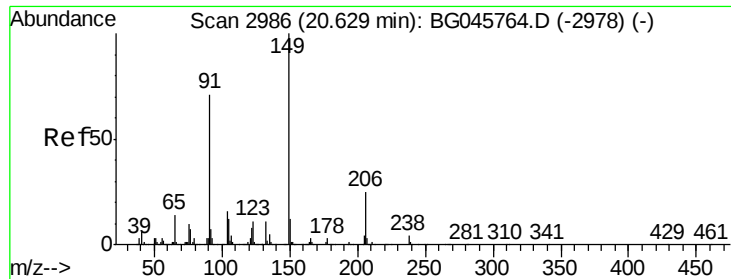


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

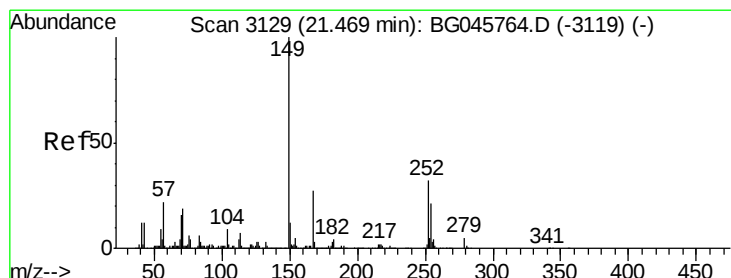
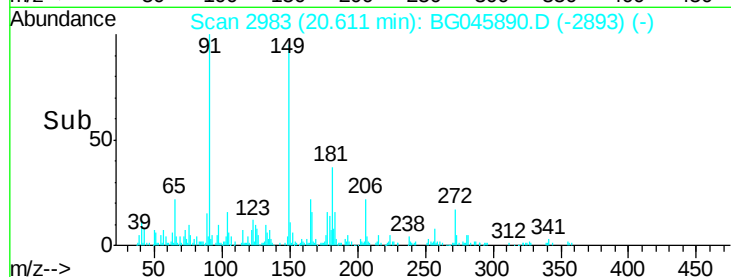
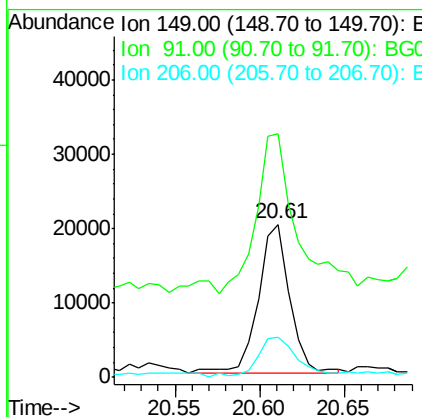
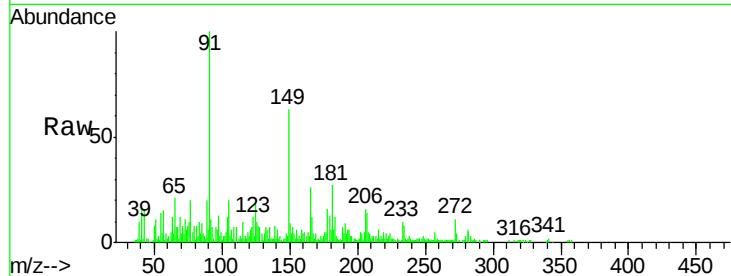




#80
Butylbenzylphthalate
Concen: 3.093 ng
RT: 20.61 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

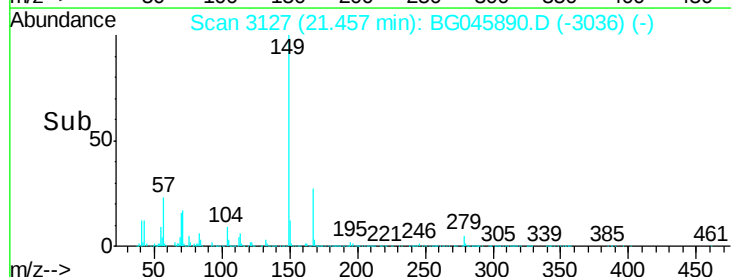
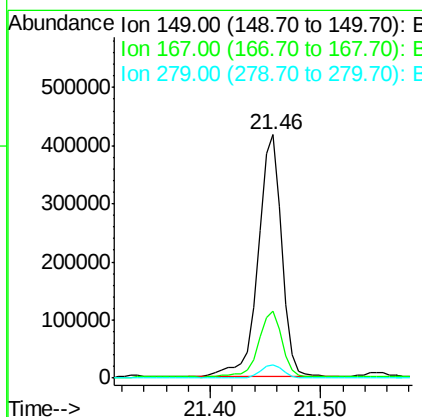
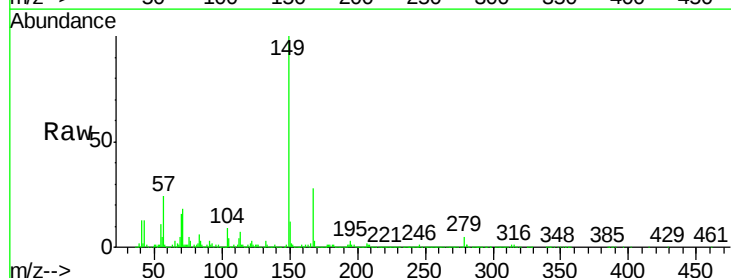
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

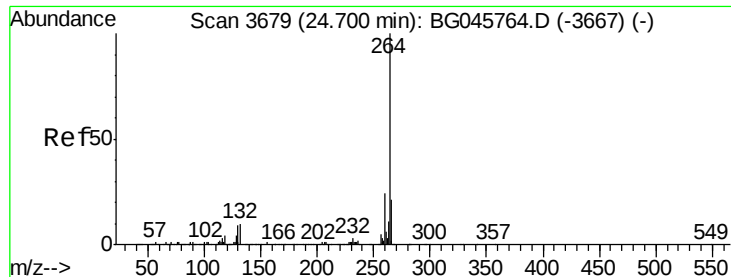
Tot Ion:149 Resp: 25606
Ion Ratio Lower Upper
149 100
91 159.2 57.0 85.4#
206 26.2 20.0 30.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.250 ng
RT: 21.46 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Tgt Ion:149 Resp: 624621
Ion Ratio Lower Upper
149 100
167 27.7 21.7 32.5
279 5.3 4.2 6.2





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045890.D
Acq: 30 Jun 2020 18:46

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.3	17.4	26.0

