

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045894.D
 Acq On : 30 Jun 2020 21:27
 Operator : CG/JU
 Sample : L3148-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-01

Quant Time: Jul 01 00:31:39 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

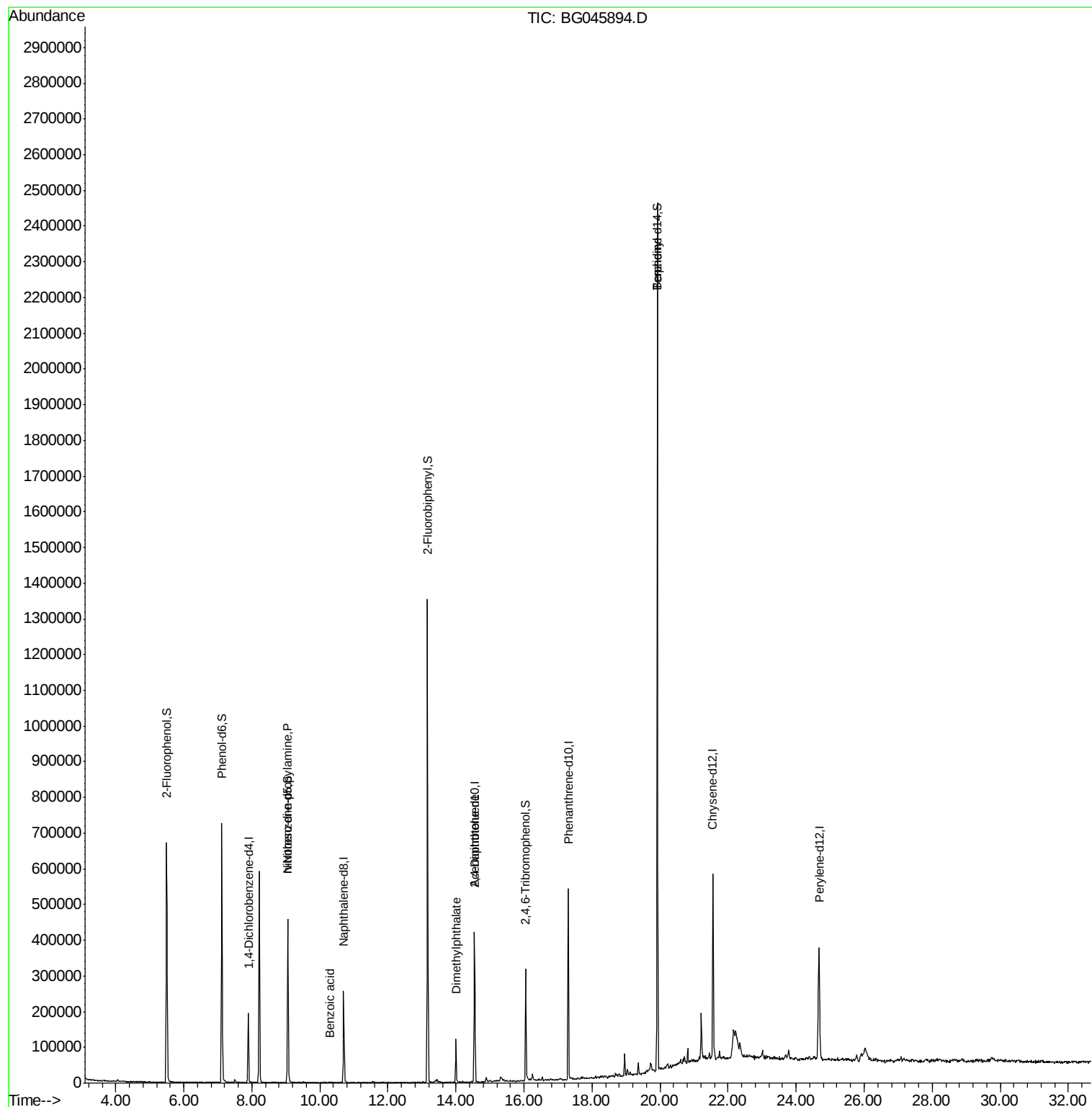
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	56396	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	223883	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	155816	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	350038	20.00	ng	0.00
76) Chrysene-d12	21.55	240	323040	20.00	ng	0.00
86) Perylene-d12	24.67	264	330891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	334862	100.30	ng	0.00
7) Phenol-d6	7.11	99	465888	91.74	ng	0.00
23) Nitrobenzene-d5	9.06	82	317552	64.80	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	70151	29.82	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	715046	67.44	ng	0.00
79) Terphenyl-d14	19.92	244	1150478	72.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	42266	12.660	ng	# 79
32) Benzoic acid	10.29	122	74	9.006	ng	# 1
50) Dimethylphthalate	14.00	163	82389	6.750	ng	99
57) 2,4-Dinitrotoluene	14.55	165	19531	4.972	ng	# 22
77) Benzidine	19.92	184	20373	2.426	ng	# 80

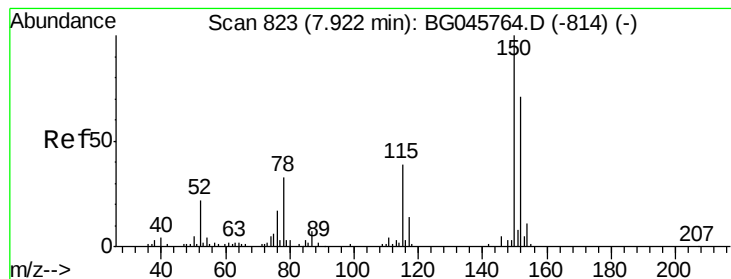
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045894.D
Acq On : 30 Jun 2020 21:27
Operator : CG/JU
Sample : L3148-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-01

Quant Time: Jul 01 00:31:39 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



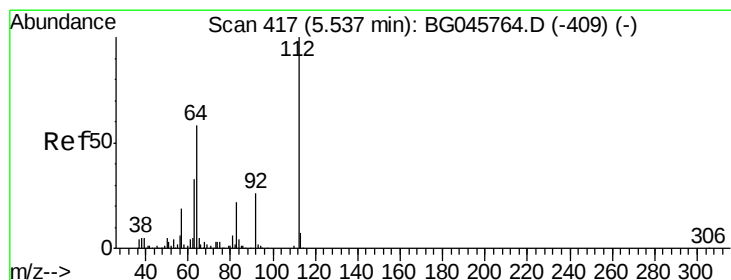
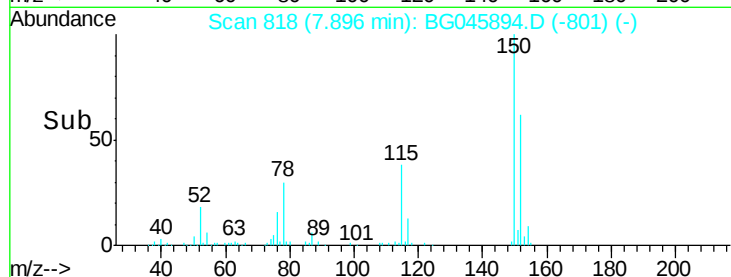
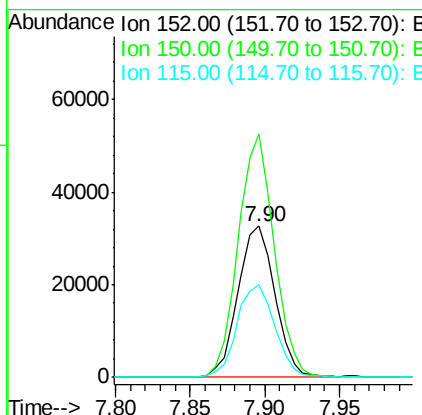
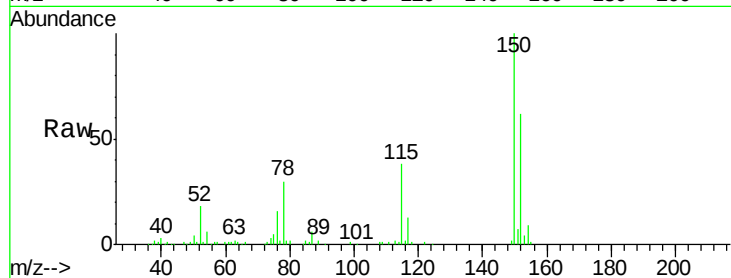


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG045894.D
Acq: 30 Jun 2020 21:27

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-01

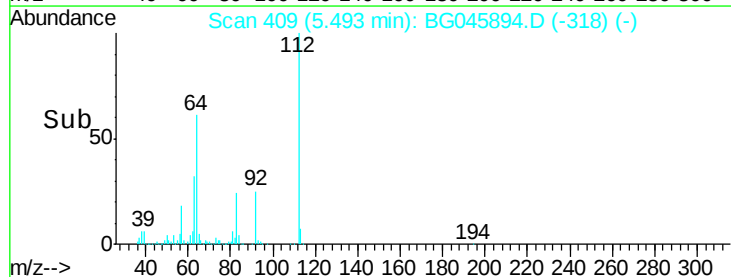
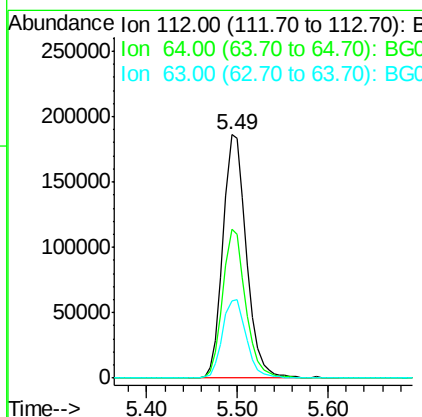
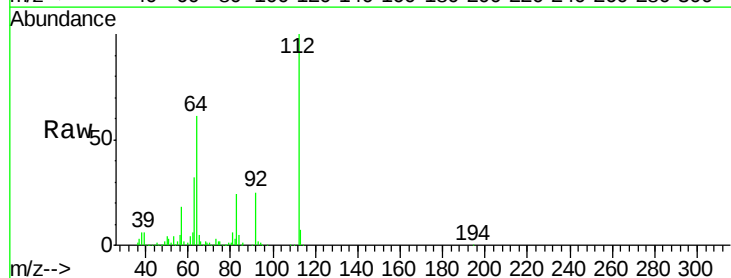
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	121.2	181.8
115	61.4	47.5	71.3

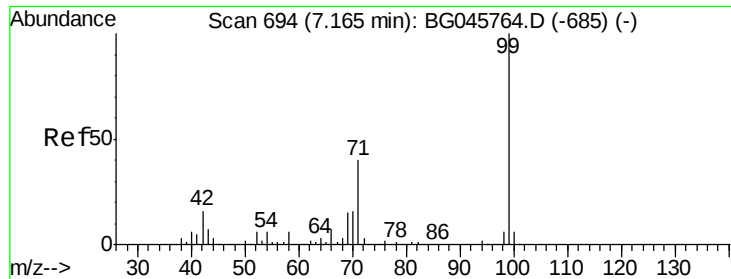


#5

2-Fluorophenol
Concen: 100.302 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG045894.D
Acq: 30 Jun 2020 21:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.5	72.7
63	31.7	26.5	39.7





#7

Phenol-d6

Concen: 91.742 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-01

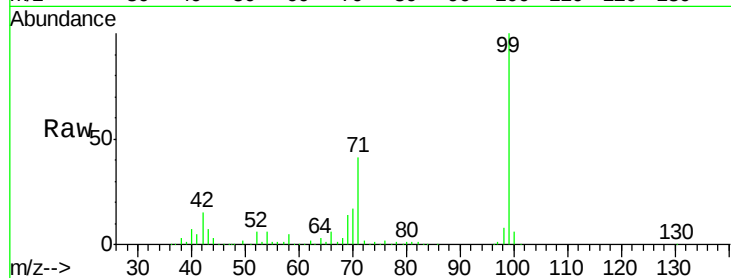
Tot Ion: 99 Resp: 465888

Ion Ratio Lower Upper

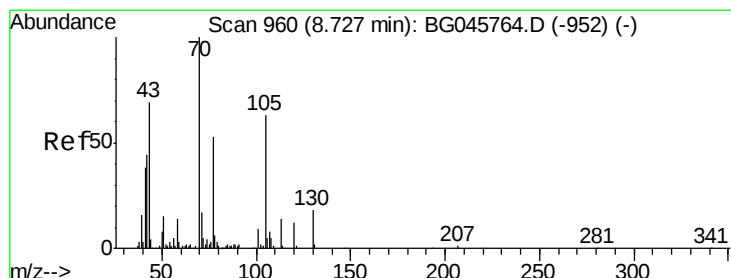
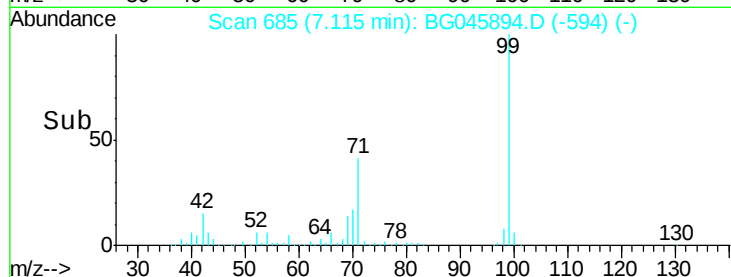
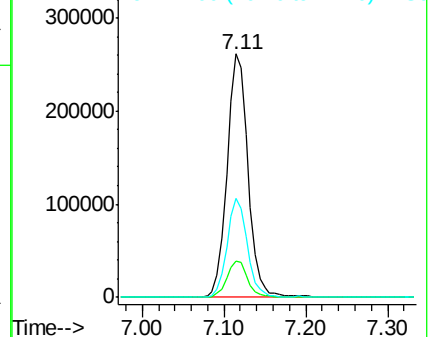
99 100

42 15.1 12.0 18.0

71 40.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.660 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Tgt Ion: 70 Resp: 42266

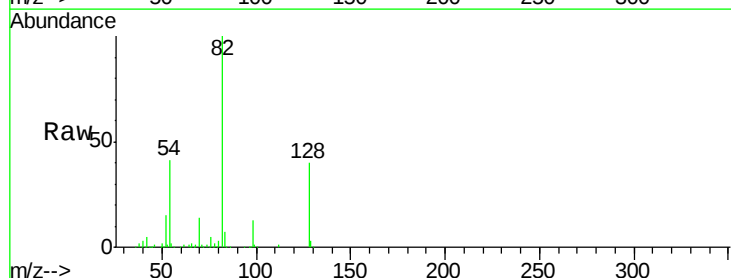
Ion Ratio Lower Upper

70 100

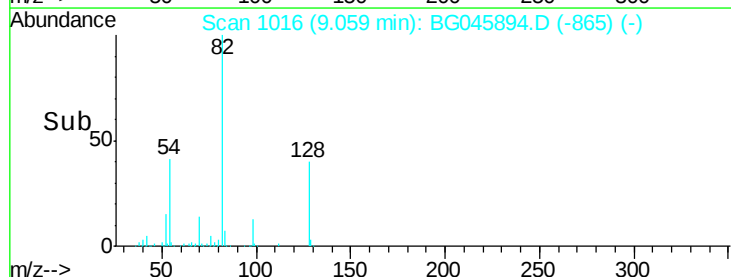
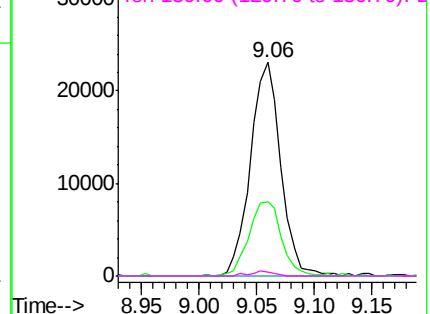
42 34.6 33.9 50.9

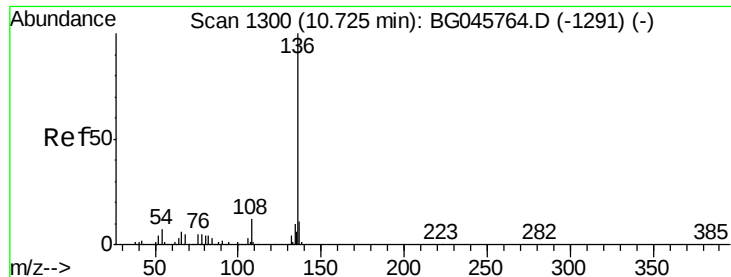
101 0.0 8.0 12.0#

130 1.8 14.9 22.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

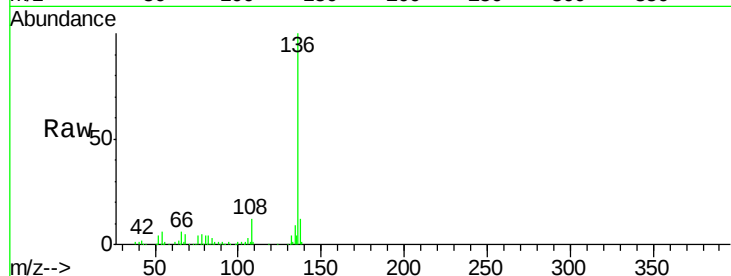




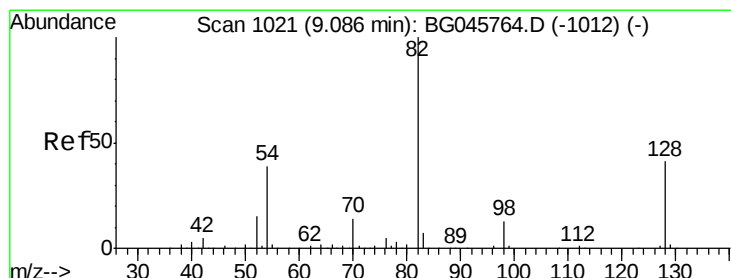
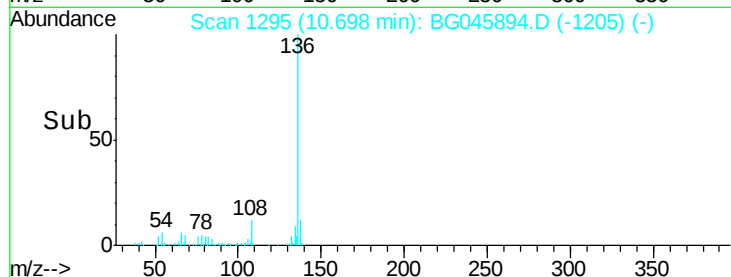
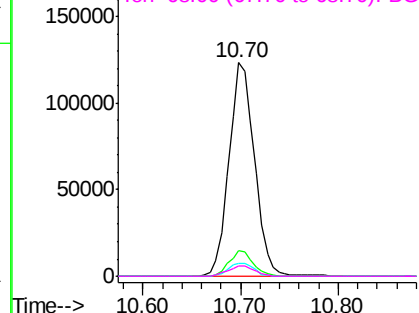
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG045894.D
Acq: 30 Jun 2020 21:27

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-01

Tot Ion:136	Resp:	223883
Ion Ratio	Lower	Upper
136 100		
137 11.7	9.4	14.0
54 6.1	4.9	7.3
68 4.7	3.9	5.9

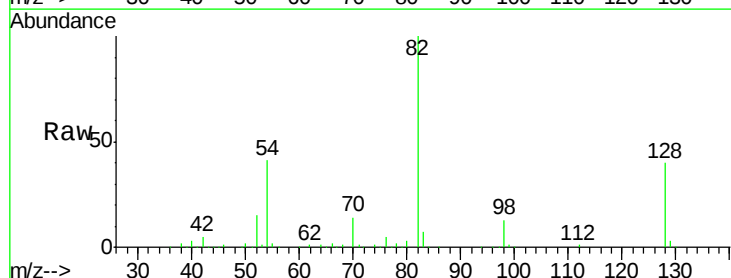


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

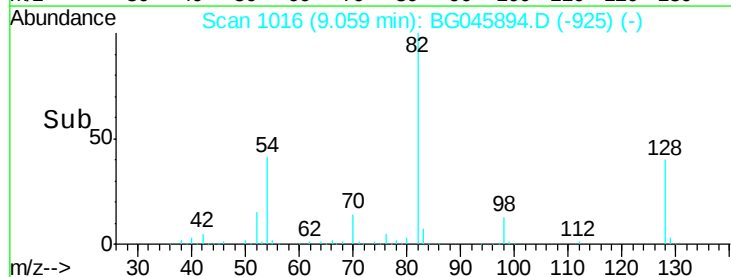
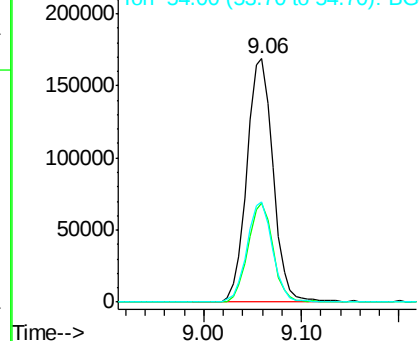


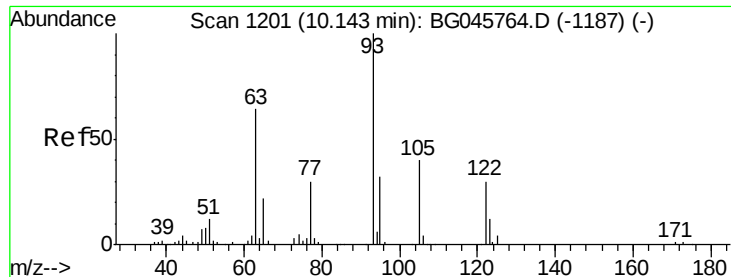
#23
Nitrobenzene-d5
Concen: 64.797 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG045894.D
Acq: 30 Jun 2020 21:27

Tgt Ion	82	Resp: Lower	317552 Upper
	Ratio 100		
128	40.5	31.3	46.9
54	41.1	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





#32

Benzoic acid

Concen: 9.006 ng

RT: 10.29 min Scan# 1225

Delta R.T. 0.18 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-01

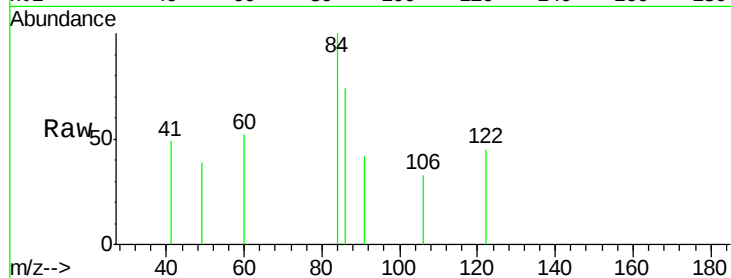
Tot Ion:122 Resp: 74

Ion Ratio Lower Upper

122 100

105 0.0 110.1 150.1#

77 0.0 94.1 134.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

10.29

250

200

150

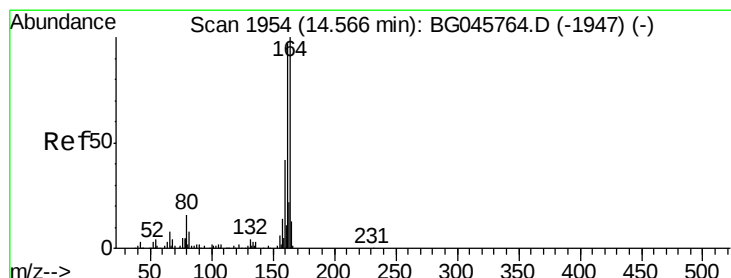
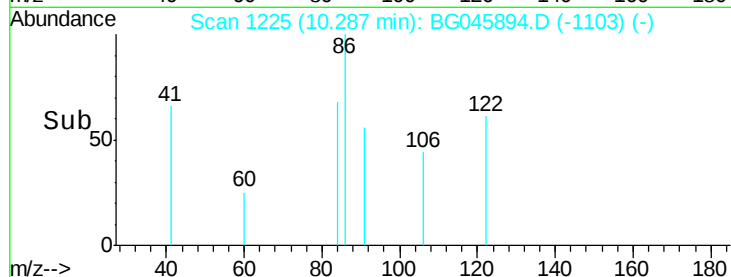
100

50

0

10.28 10.30

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

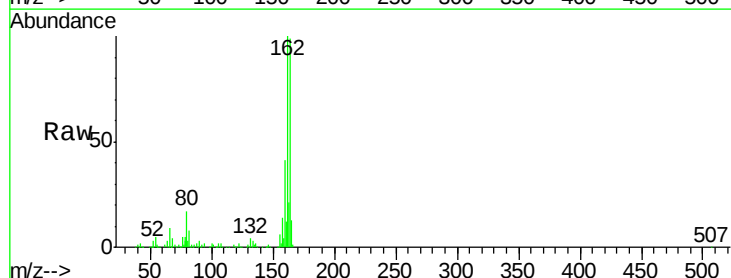
Tgt Ion:164 Resp: 155816

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 41.7 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.55

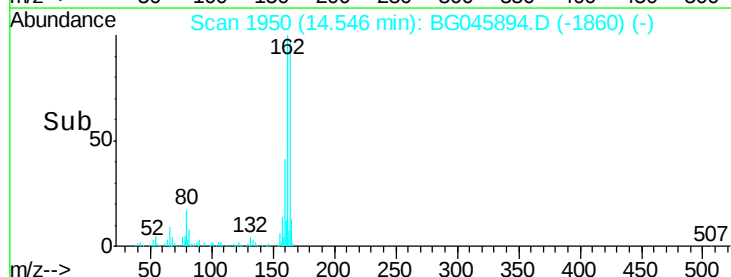
100000

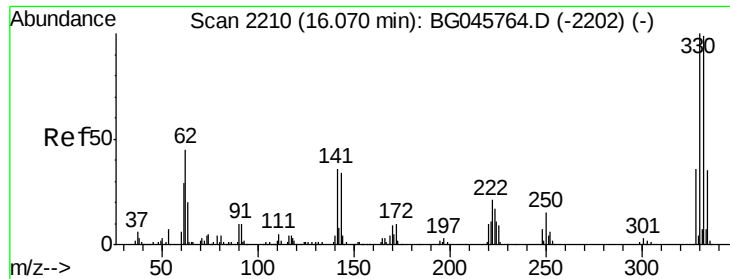
50000

0

14.45 14.55 14.60

Time-->





#42

2,4,6-Tribromophenol

Concen: 29.821 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-01

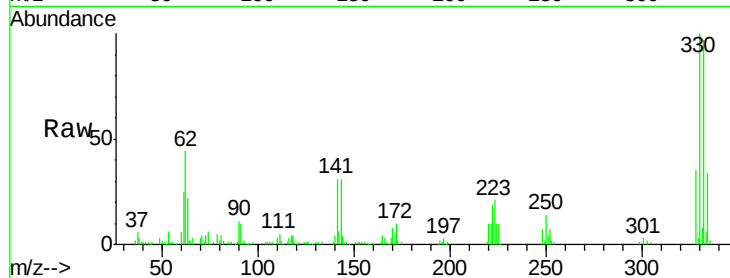
Tot Ion:330 Resp: 70151

Ion Ratio Lower Upper

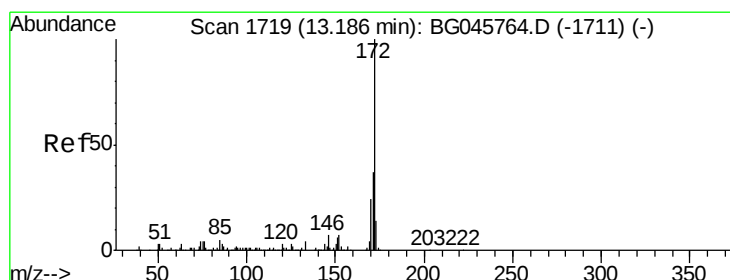
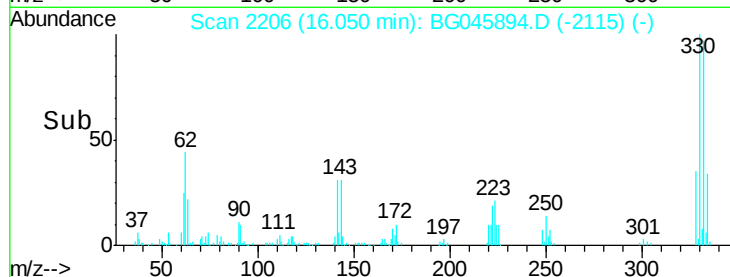
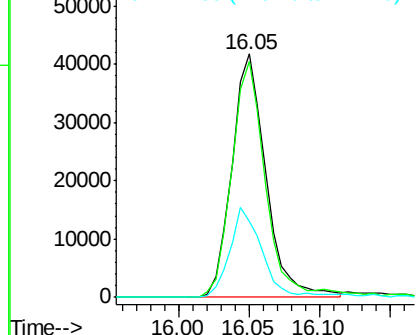
330 100

332 97.1 76.6 114.8

141 35.6 27.7 41.5



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



#45

2-Fluorobiphenyl

Concen: 67.439 ng

RT: 13.17 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

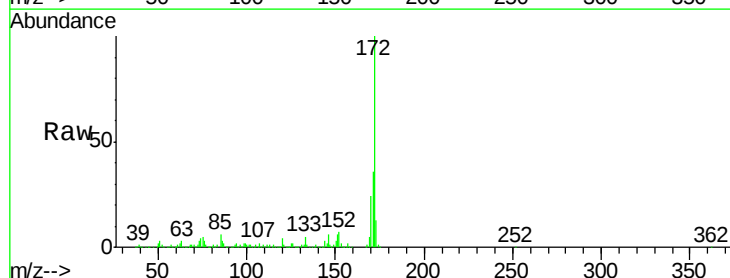
Tgt Ion:172 Resp: 715046

Ion Ratio Lower Upper

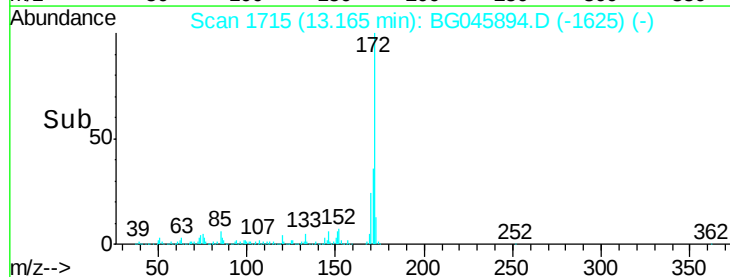
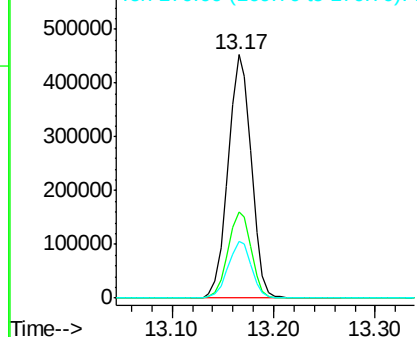
172 100

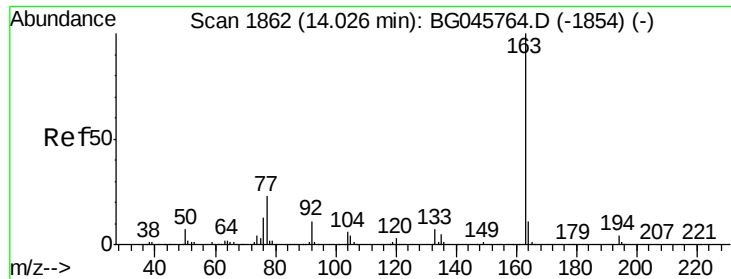
171 35.6 28.9 43.3

170 23.5 19.1 28.7



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





#50

Dimethylphthalate

Concen: 6.750 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-01

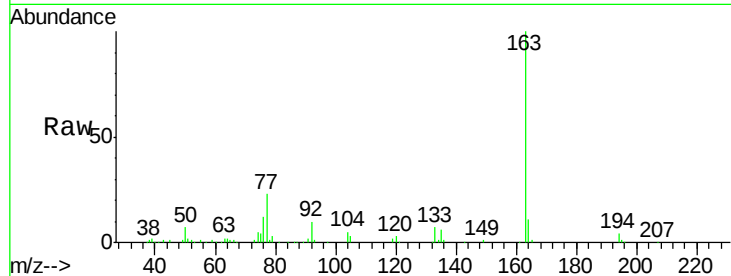
Tot Ion:163 Resp: 82389

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

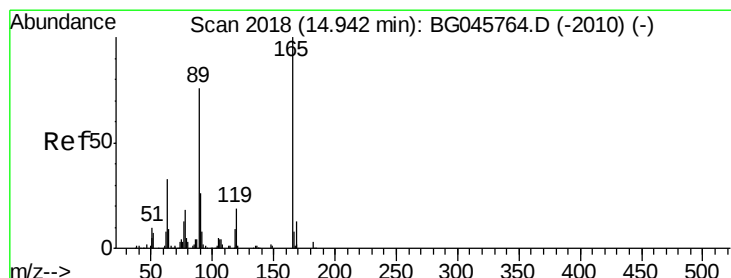
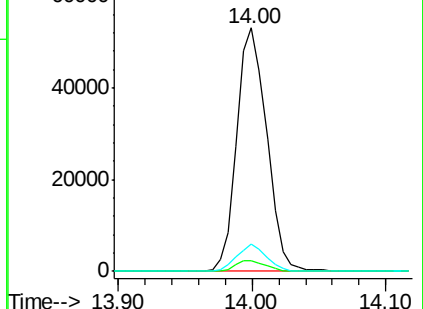
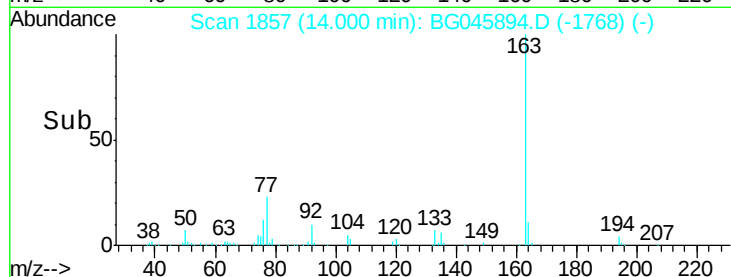
164 11.3 8.8 13.2



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



#57

2,4-Dinitrotoluene

Concen: 4.972 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.37 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Tgt Ion:165 Resp: 19531

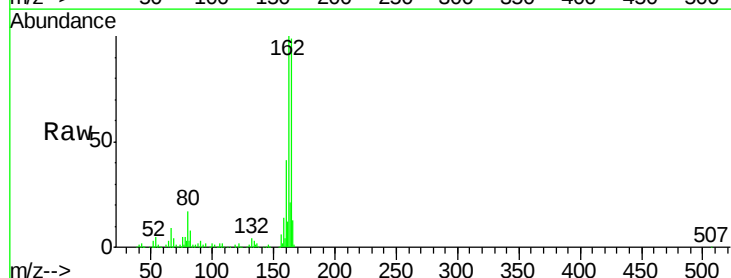
Ion Ratio Lower Upper

165 100

63 0.0 35.2 52.8#

89 2.0 61.4 92.2#

182 0.0 2.3 3.5#

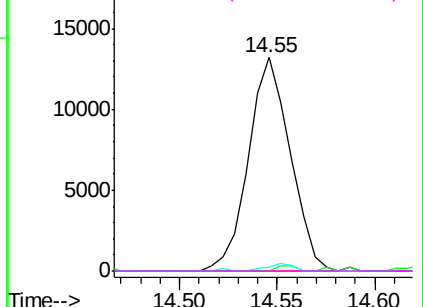
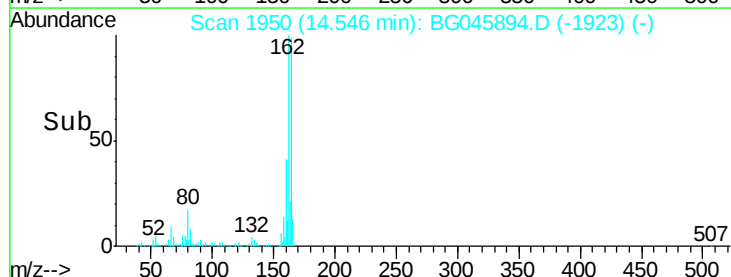


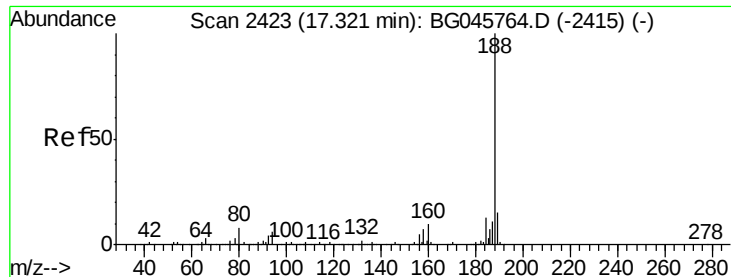
Abundance Ion 165.00 (164.70 to 165.70): E

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

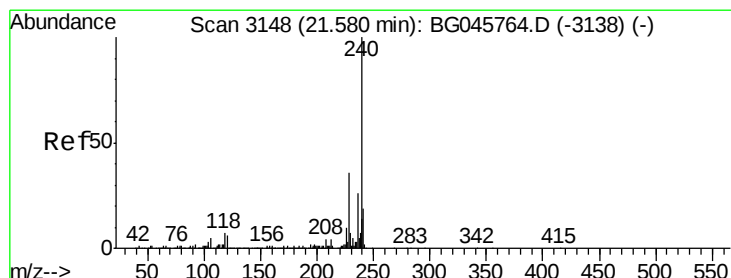
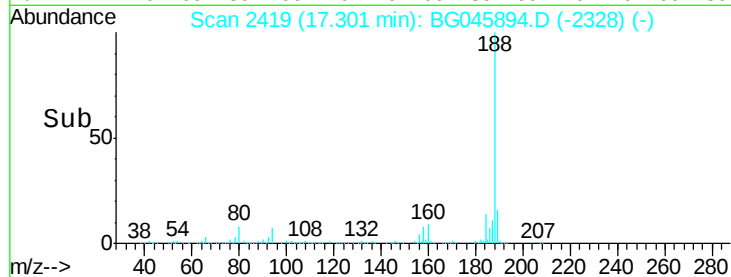
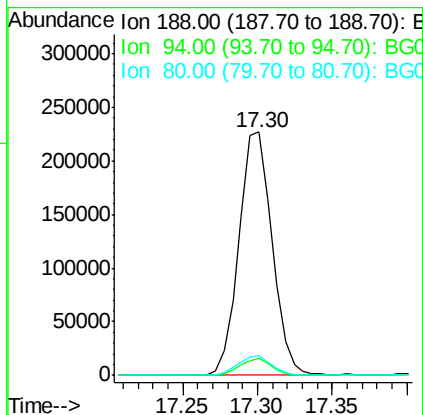
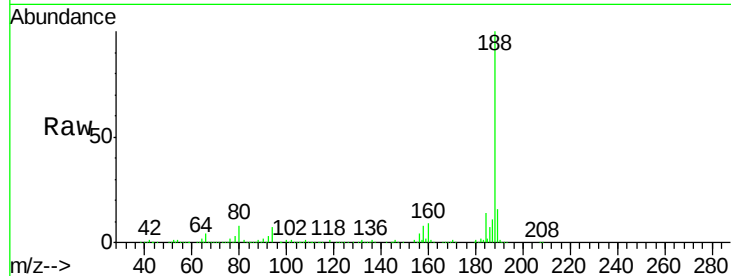




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG045894.D
Acq: 30 Jun 2020 21:27

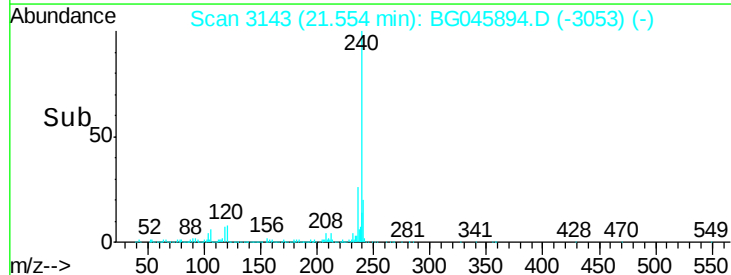
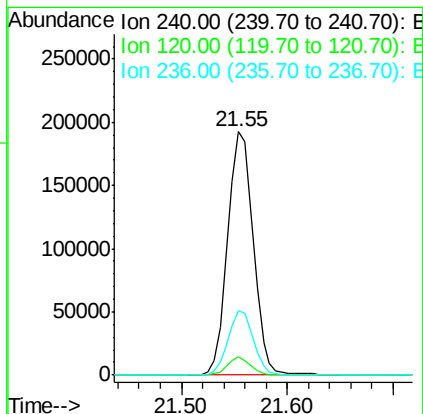
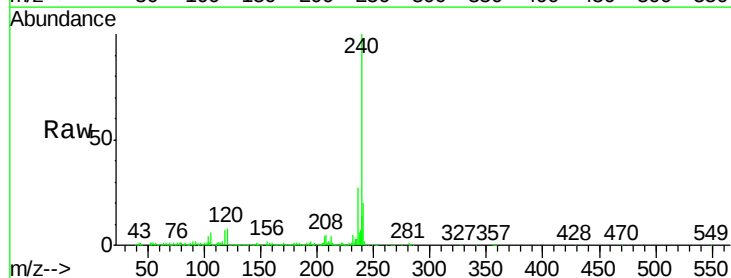
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-01

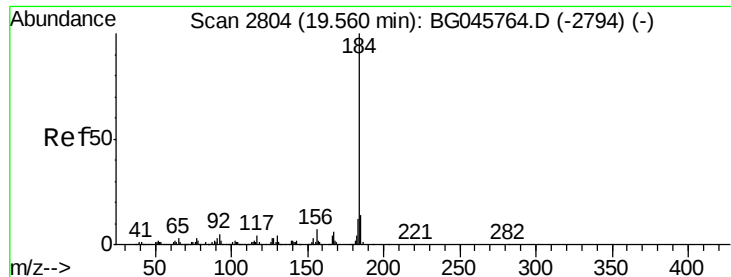
Tot Ion:188 Resp: 350038
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG045894.D
Acq: 30 Jun 2020 21:27

Tgt Ion:240 Resp: 323040
Ion Ratio Lower Upper
240 100
120 7.8 5.6 8.4
236 26.5 21.3 31.9





#77

Benzidine

Concen: 2.426 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.38 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-01

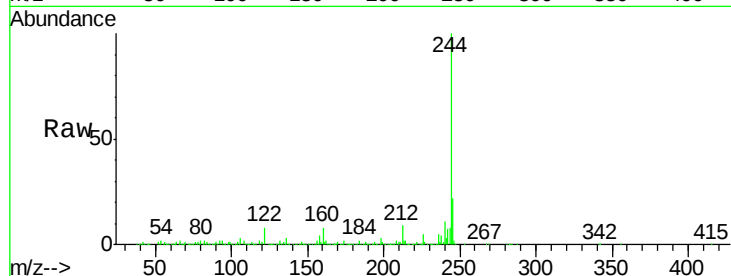
Tot Ion:184 Resp: 20373

Ion Ratio Lower Upper

184 100

185 17.0 10.6 15.8#

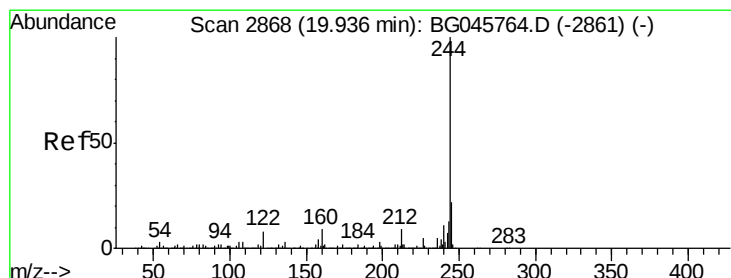
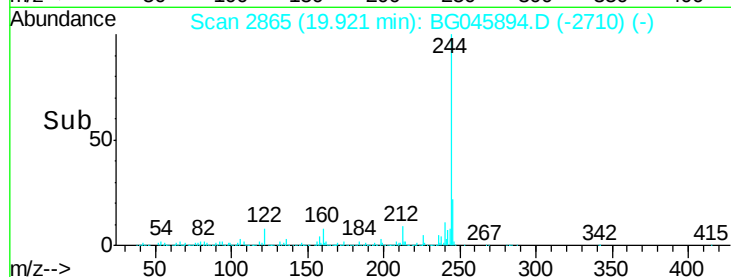
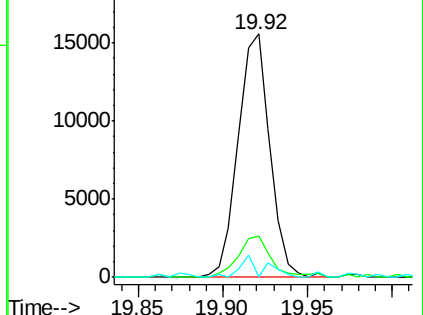
183 0.0 10.1 15.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 72.175 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG045894.D

Acq: 30 Jun 2020 21:27

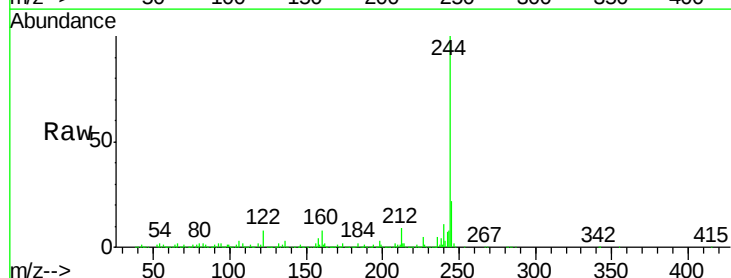
Tgt Ion:244 Resp: 1150478

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

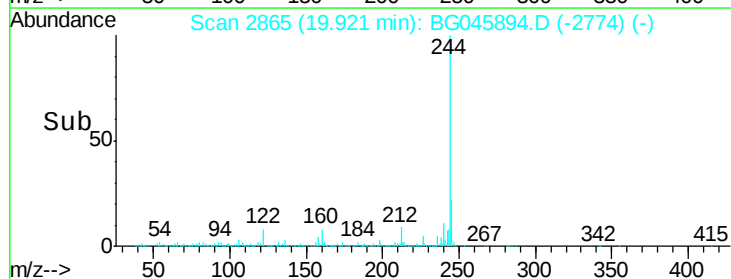
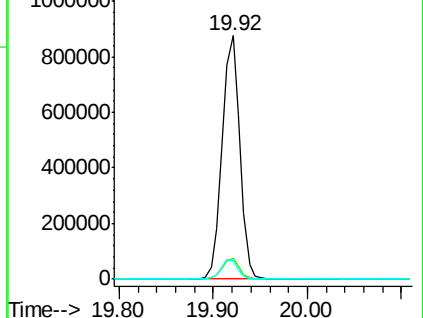
122 7.7 6.9 10.3

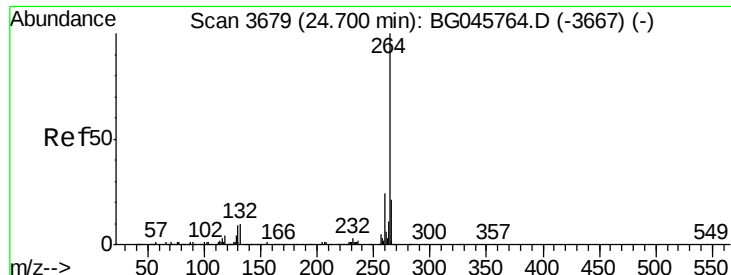


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: BG045894.D
 Acq: 30 Jun 2020 21:27

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.2	17.4	26.0

