

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045895.D
 Acq On : 30 Jun 2020 22:07
 Operator : CG/JU
 Sample : L3148-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-02

Quant Time: Jul 01 00:31:57 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

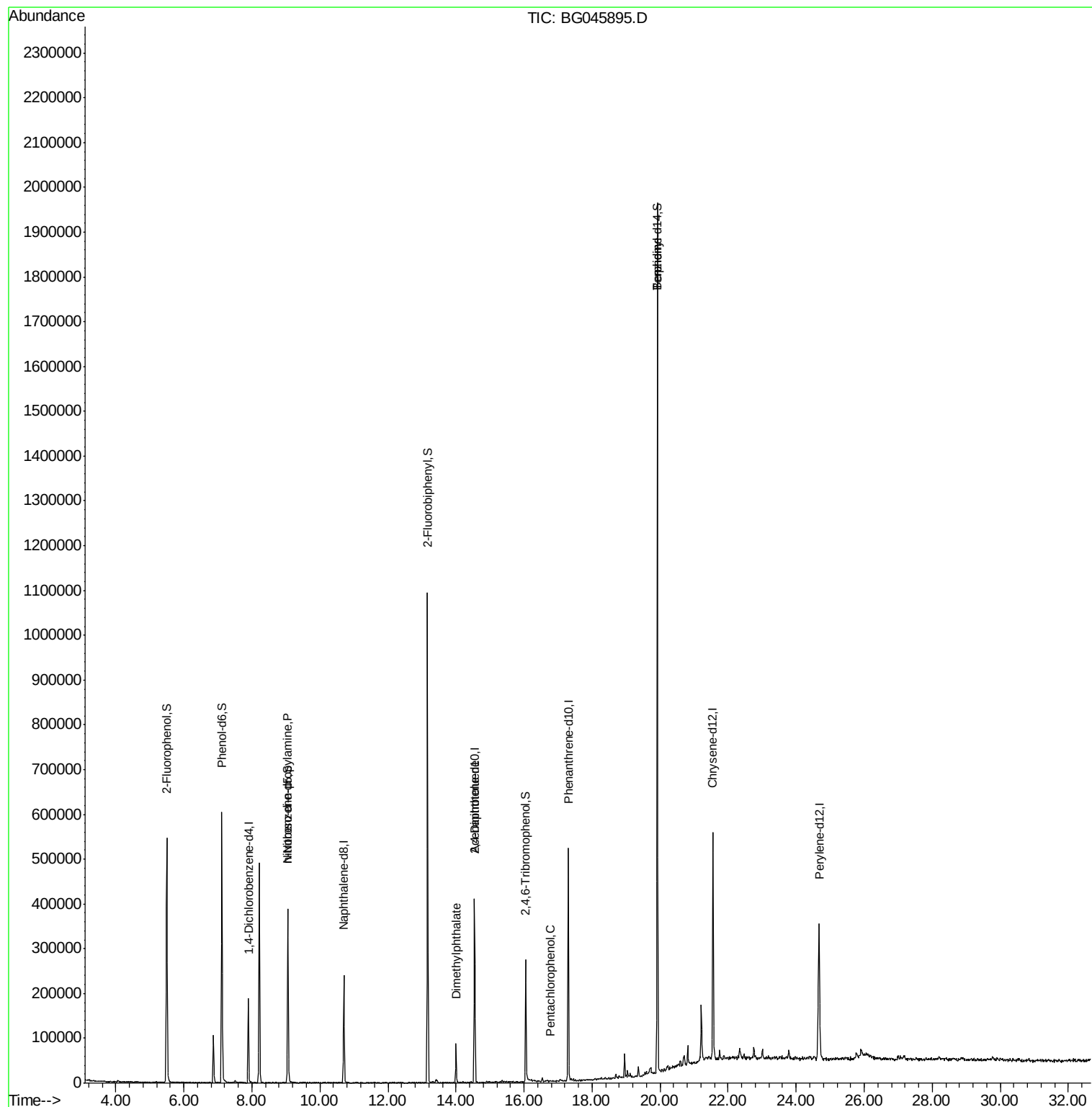
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	55312	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	214939	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	151435	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	335763	20.00	ng	0.00
76) Chrysene-d12	21.55	240	310124	20.00	ng	0.00
86) Perylene-d12	24.67	264	315201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	274566	83.85	ng	0.00
7) Phenol-d6	7.11	99	394350	79.18	ng	0.00
23) Nitrobenzene-d5	9.06	82	257767	54.79	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	62308	27.25	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	587745	57.04	ng	0.00
79) Terphenyl-d14	19.92	244	953107	62.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	35213	10.754	ng	Qvalue # 82
50) Dimethylphthalate	14.00	163	58442	4.926	ng	# 98
57) 2,4-Dinitrotoluene	14.54	165	20540	5.380	ng	# 24
70) Pentachlorophenol	16.77	266	59	7.656	ng	# 19
77) Benzidine	19.92	184	17492	2.170	ng	# 91

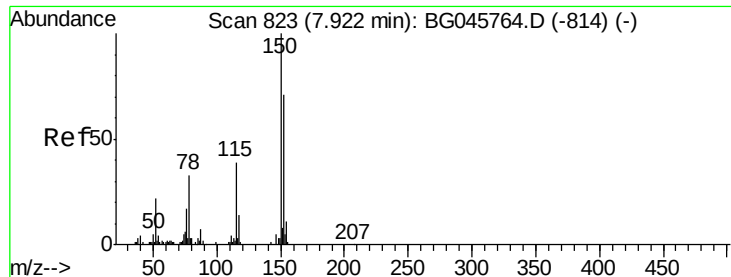
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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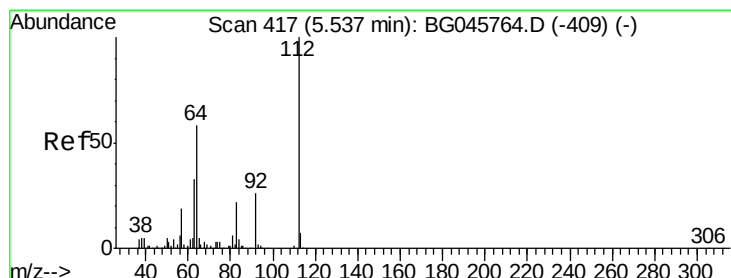
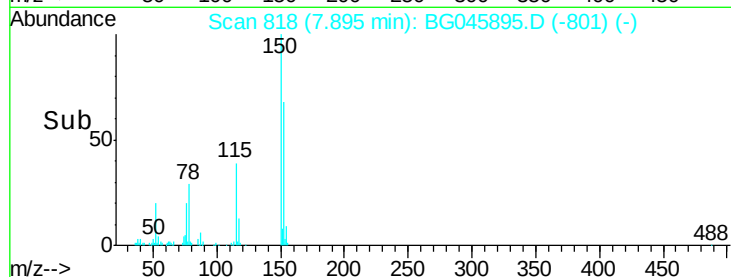
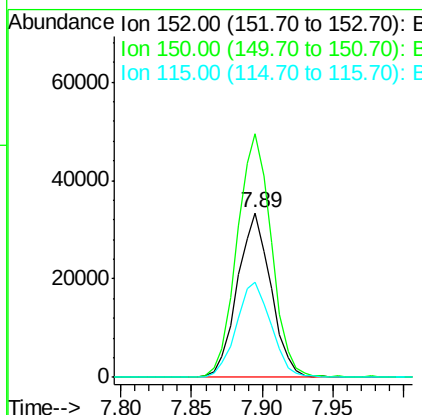
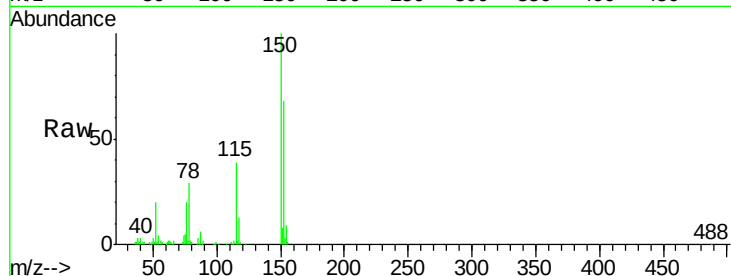


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-02

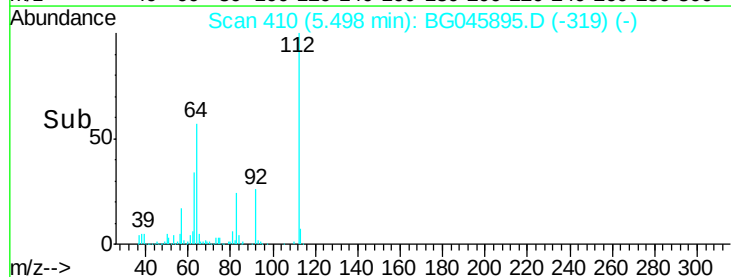
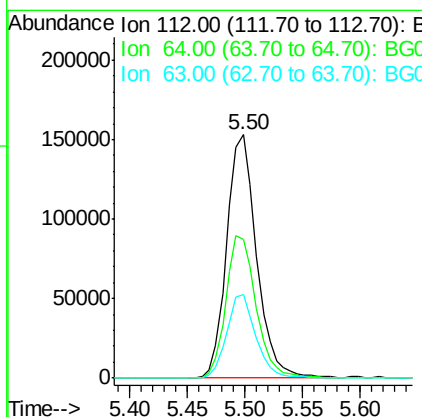
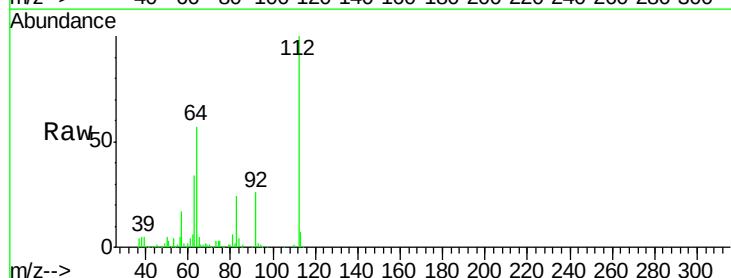
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	121.2	181.8
115	57.5	47.5	71.3

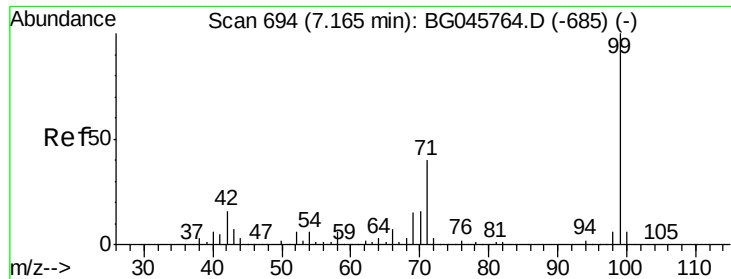


#5

2-Fluorophenol
Concen: 83.853 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.01 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	48.5	72.7
63	34.5	26.5	39.7





#7

Phenol-d6

Concen: 79.177 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG045895.D

Acq: 30 Jun 2020 22:07

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-02

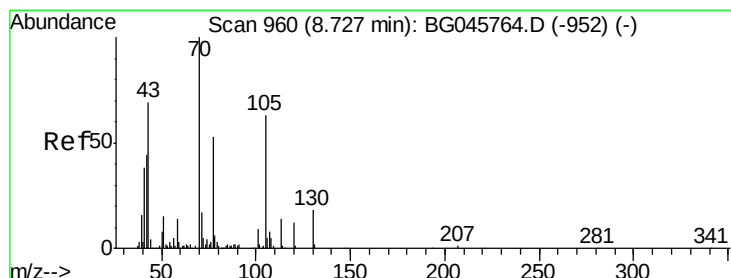
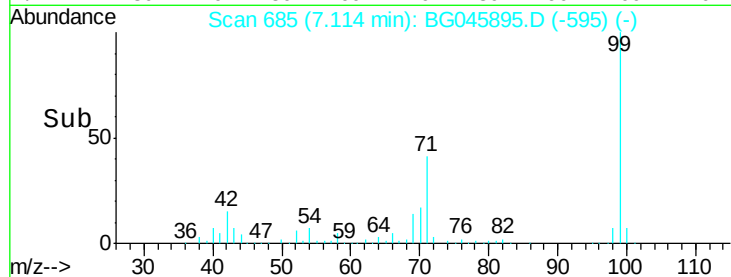
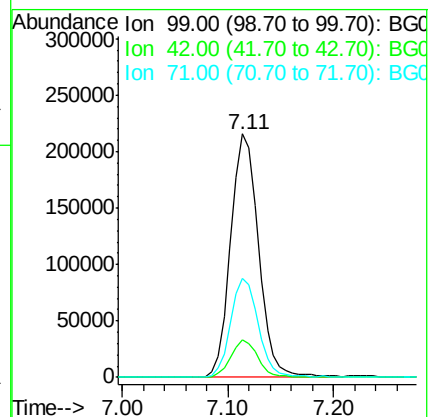
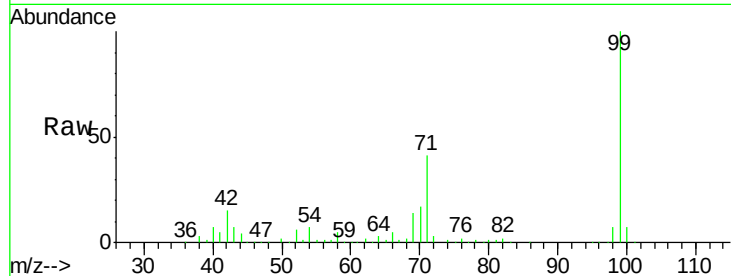
Tot Ion: 99 Resp: 394350

Ion Ratio Lower Upper

99 100

42 15.2 12.0 18.0

71 40.7 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.754 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG045895.D

Acq: 30 Jun 2020 22:07

Tgt Ion: 70 Resp: 35213

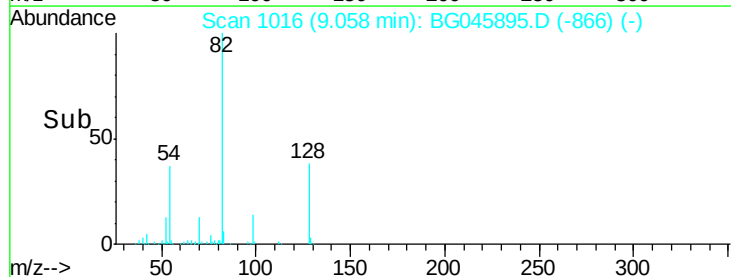
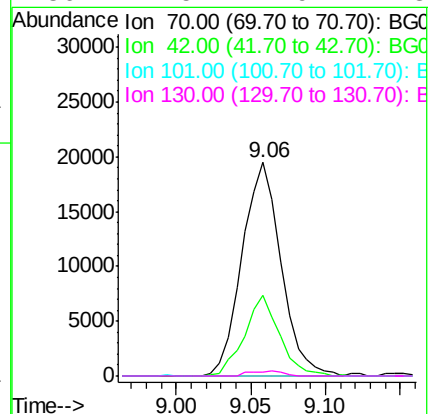
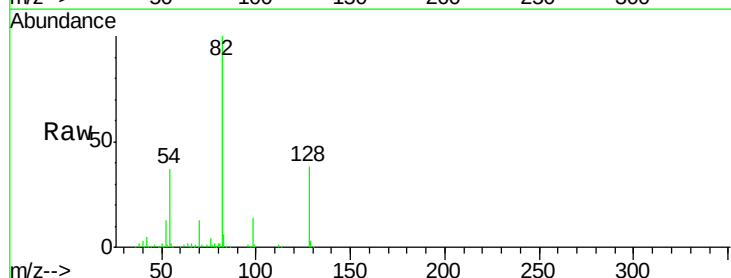
Ion Ratio Lower Upper

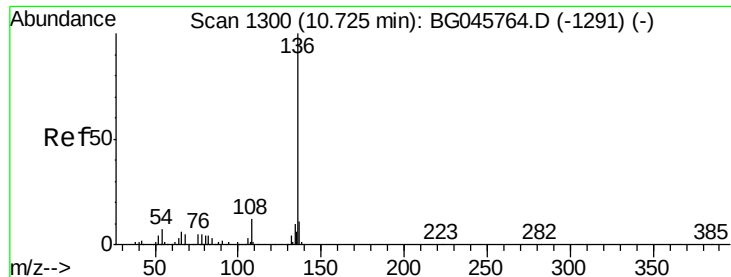
70 100

42 38.0 33.9 50.9

101 0.0 8.0 12.0#

130 1.5 14.9 22.3#

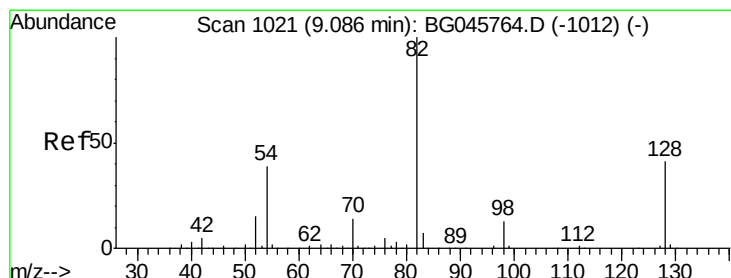
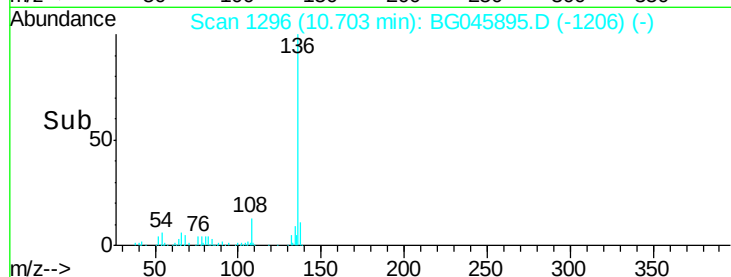
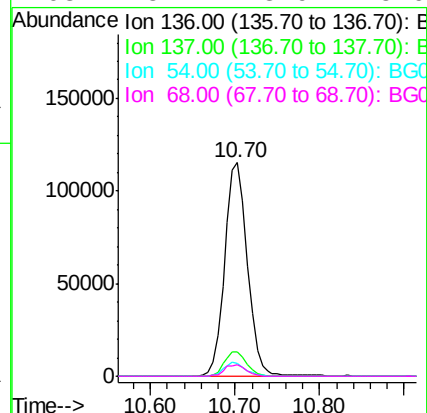
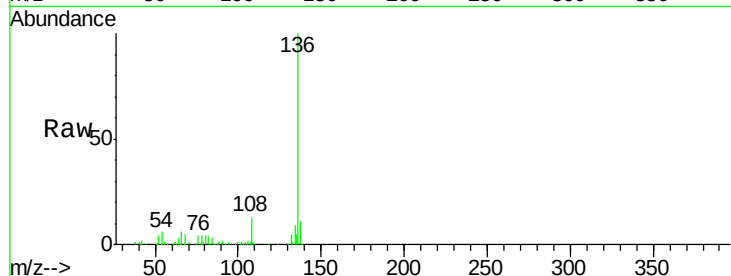




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

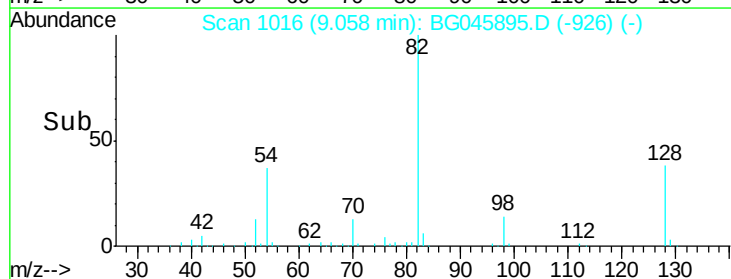
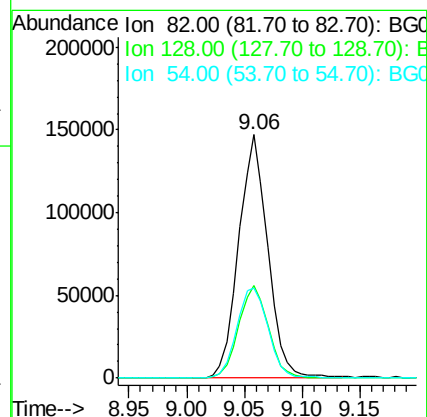
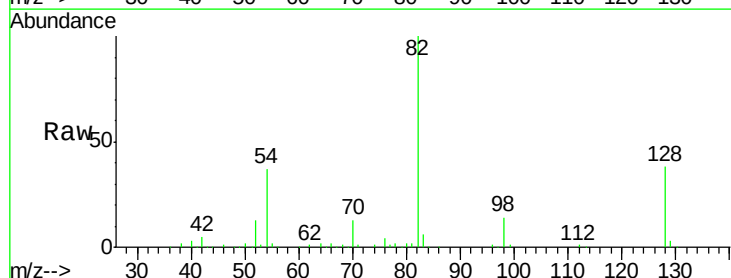
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-02

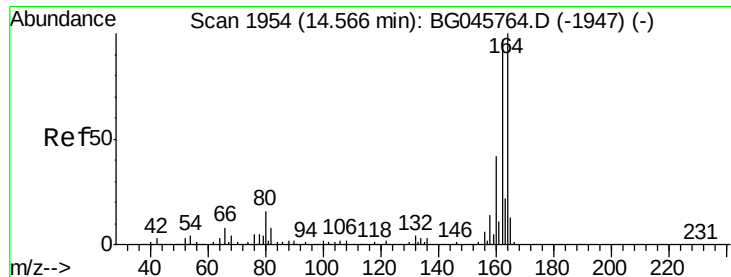
Tot Ion:136	Resp:	214939
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.4	14.0
54 5.7	4.9	7.3
68 5.4	3.9	5.9



#23
Nitrobenzene-d5
Concen: 54.786 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

Tgt	Ion: 82	Resp:	257767
Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.3	46.9
54	37.0	32.6	49.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG045895.D

Acq: 30 Jun 2020 22:07

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-02

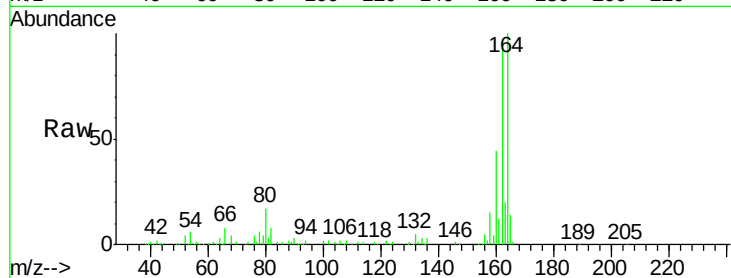
Tot Ion:164 Resp: 151435

Ion Ratio Lower Upper

164 100

162 97.4 80.6 120.8

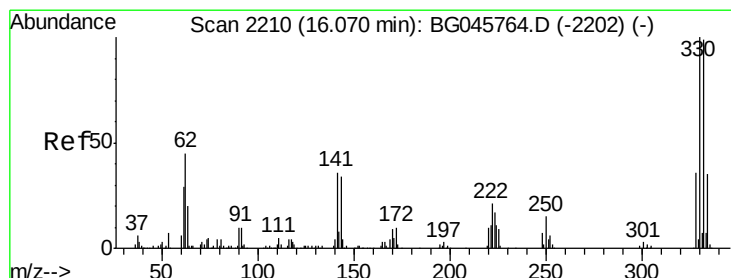
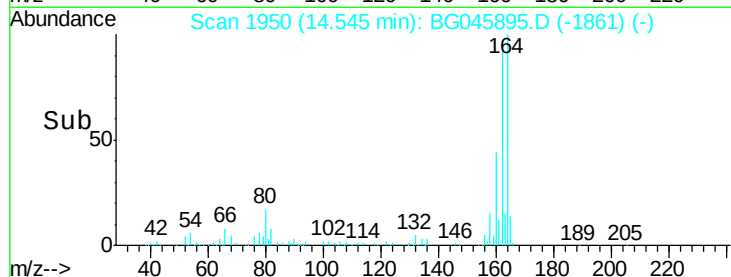
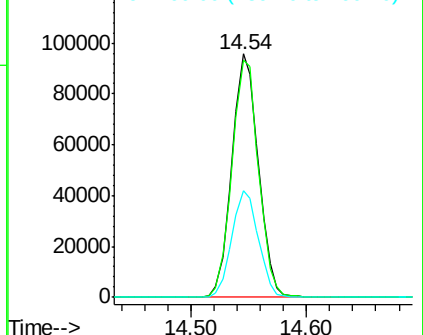
160 43.7 35.0 52.4



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



#42

2,4,6-Tribromophenol

Concen: 27.253 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG045895.D

Acq: 30 Jun 2020 22:07

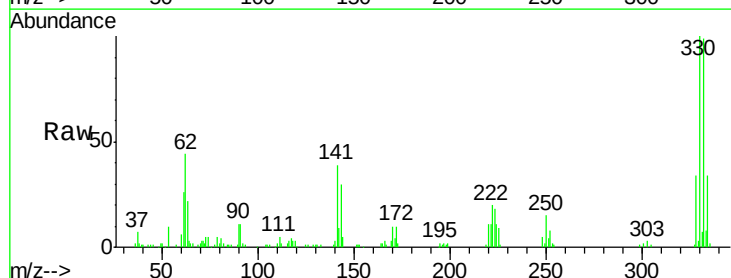
Tgt Ion:330 Resp: 62308

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

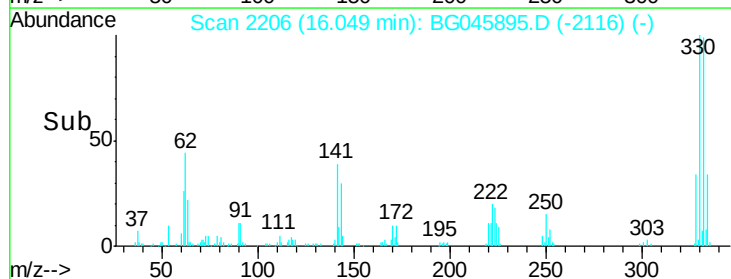
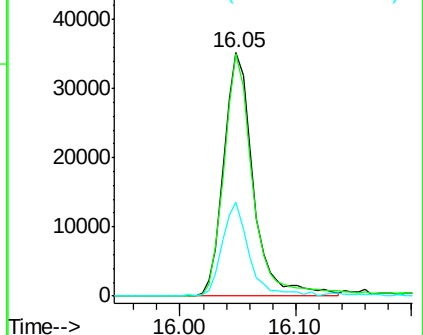
141 34.9 27.7 41.5

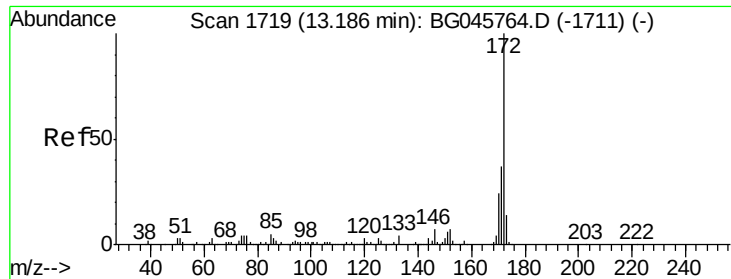


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

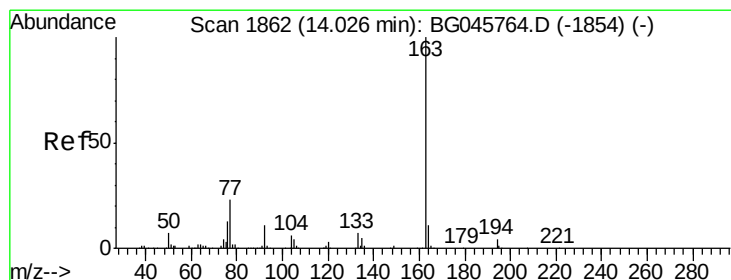
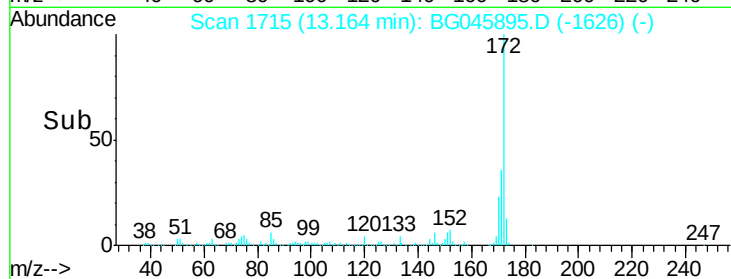
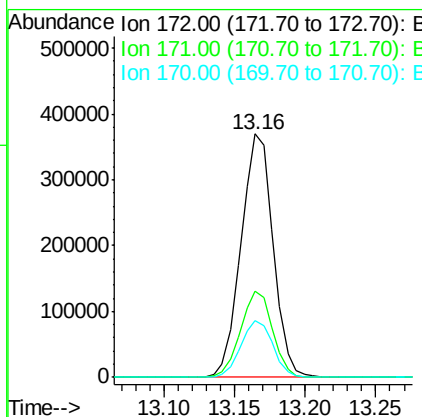
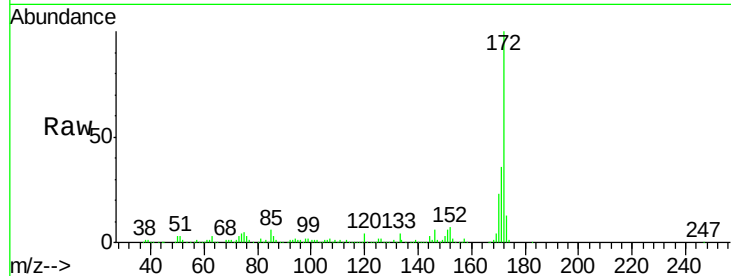




#45
2-Fluorobiphenyl
Concen: 57.036 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

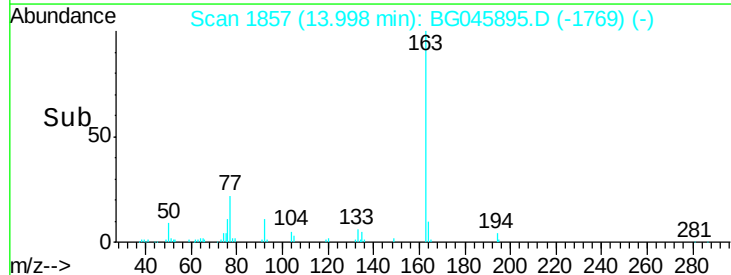
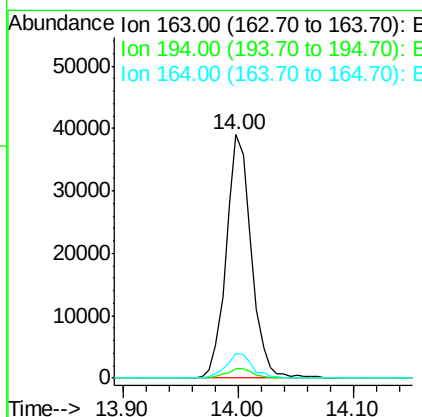
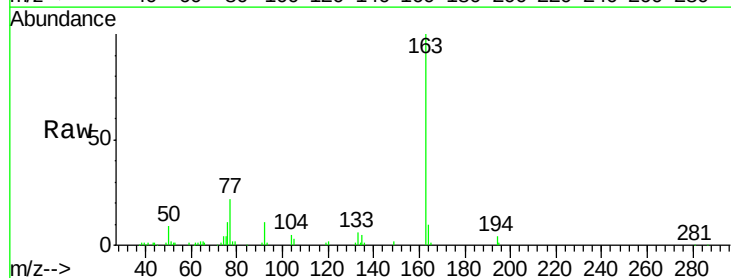
Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-02

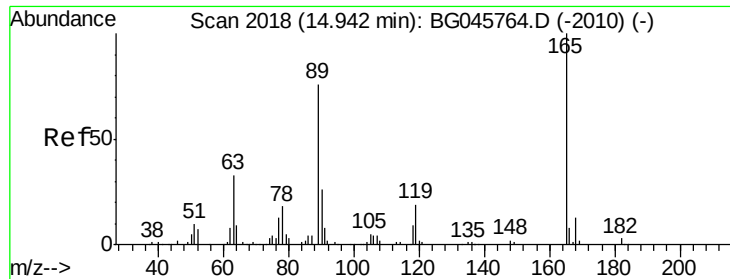
Tot Ion:172 Resp: 587745
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.3 19.1 28.7



#50
Dimethylphthalate
Concen: 4.926 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

Tgt Ion:163 Resp: 58442
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.8 13.2

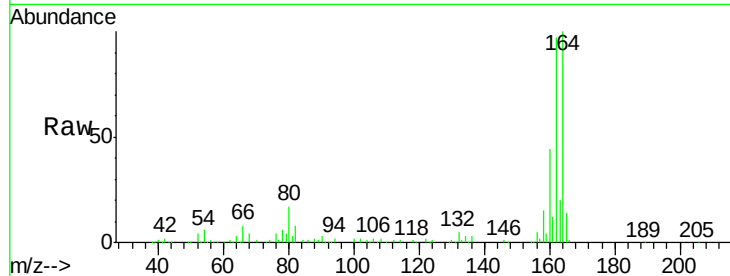




#57
 2,4-Dinitrotoluene
 Concen: 5.380 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.38 min
 Lab File: BG045895.D
 Acq: 30 Jun 2020 22:07

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-02

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	35.2	52.8#
89	3.8	61.4	92.2#
182	0.0	2.3	3.5#

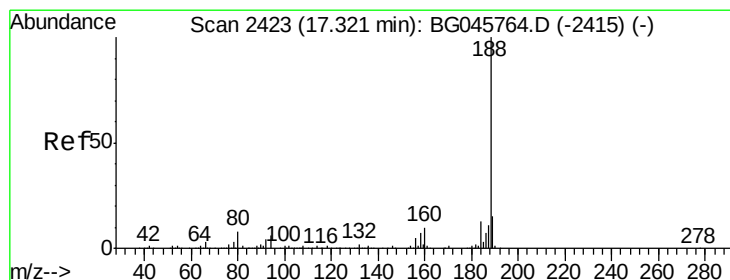
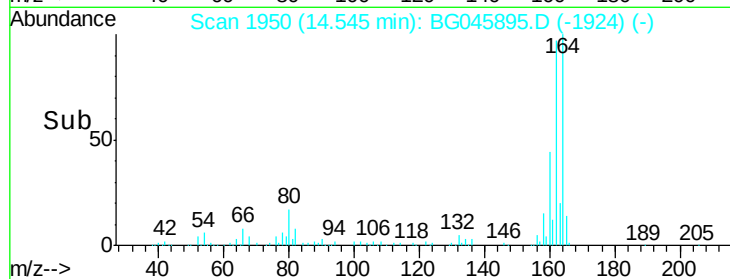
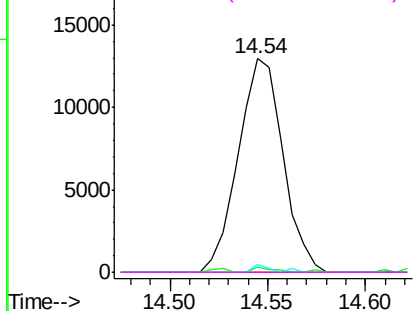


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

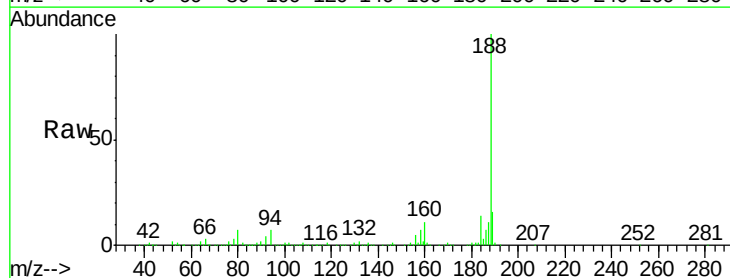
Ion 89.00 (88.70 to 89.70): BGC

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: BG045895.D
 Acq: 30 Jun 2020 22:07

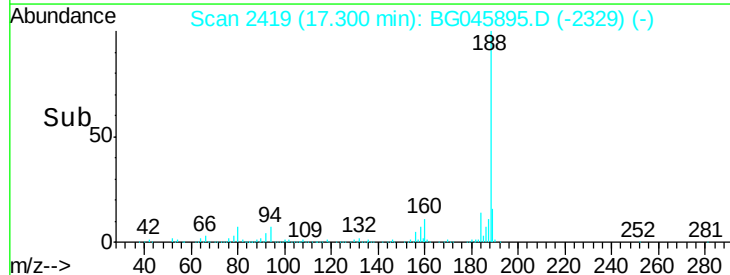
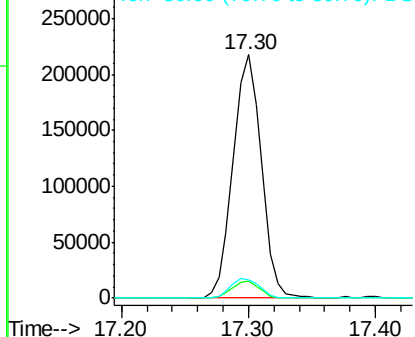
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.4	6.6	10.0

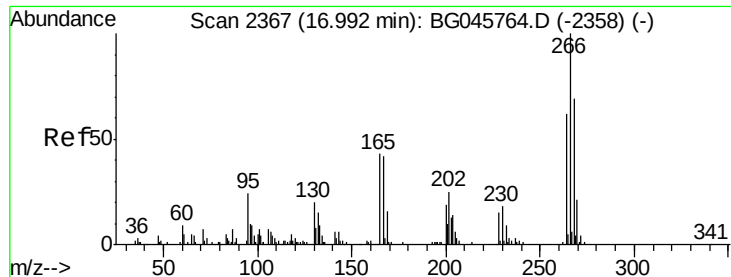


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

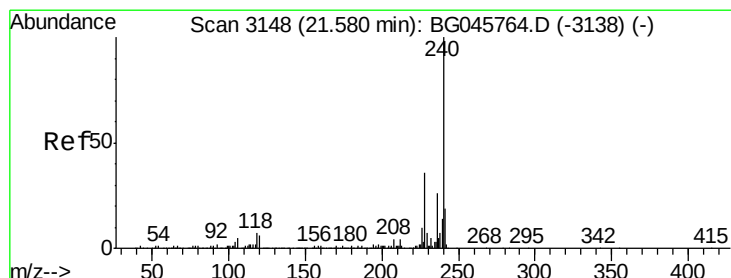
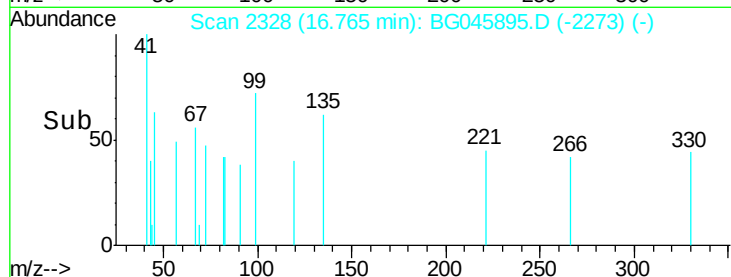
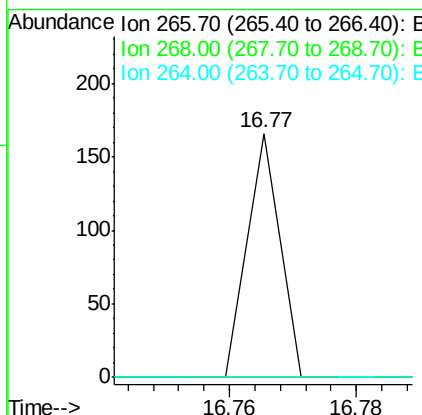
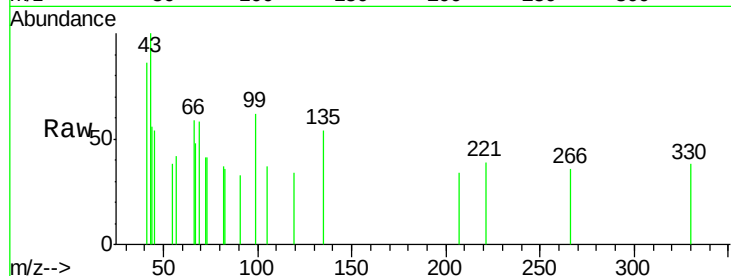




#70
 Pentachlorophenol
 Concen: 7.656 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. -0.20 min
 Lab File: BG045895.D
 Acq: 30 Jun 2020 22:07

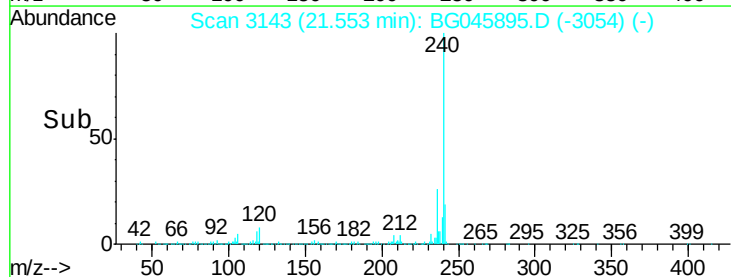
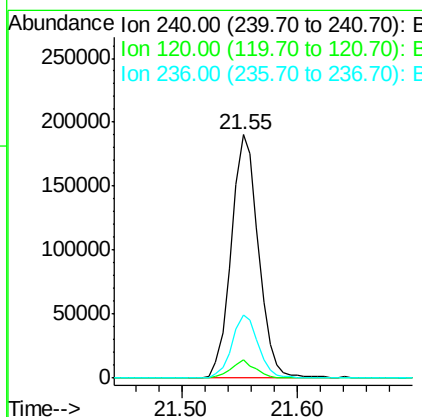
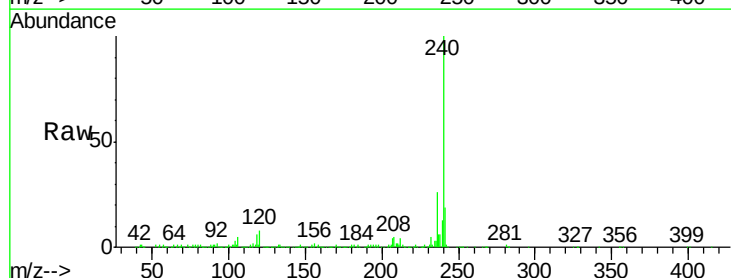
Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-02

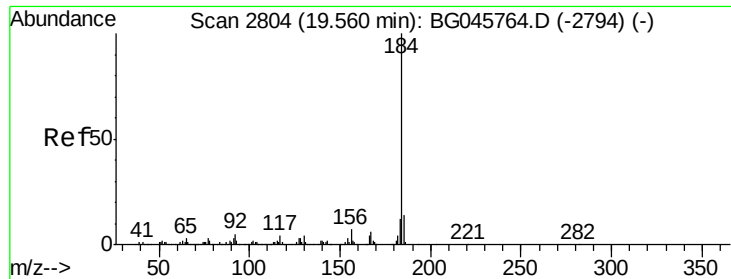
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.9	76.3#
264	0.0	49.8	74.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG045895.D
 Acq: 30 Jun 2020 22:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.6	8.4
236	26.2	21.3	31.9





#77

Benzidine

Concen: 2.170 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.38 min

Lab File: BG045895.D

Acq: 30 Jun 2020 22:07

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-02

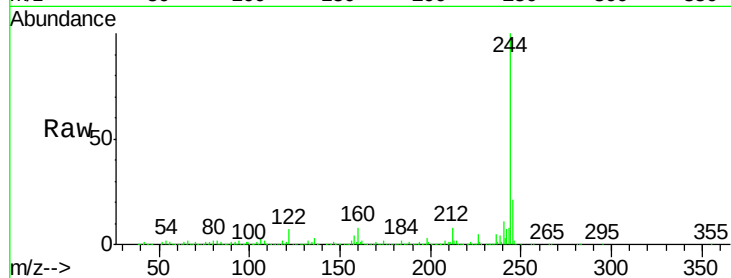
Tot Ion:184 Resp: 17492

Ion Ratio Lower Upper

184 100

185 16.6 10.6 15.8#

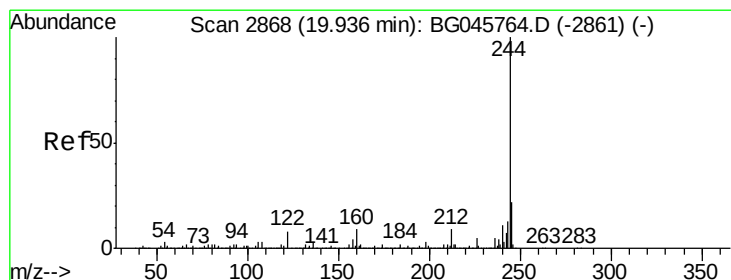
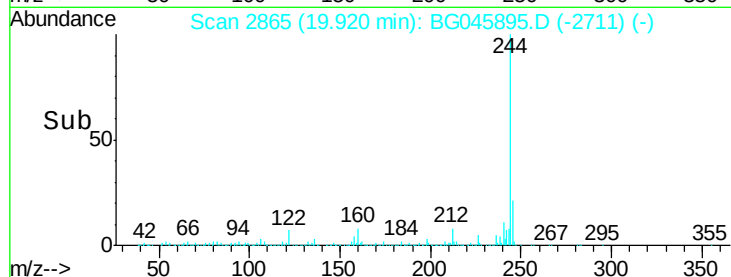
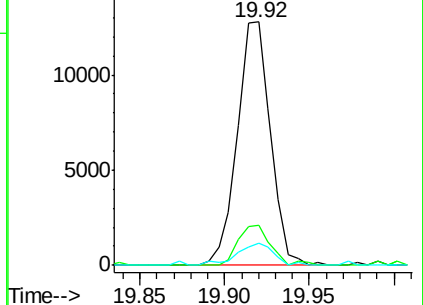
183 9.1 10.1 15.1#



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: 62.284 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG045895.D

Acq: 30 Jun 2020 22:07

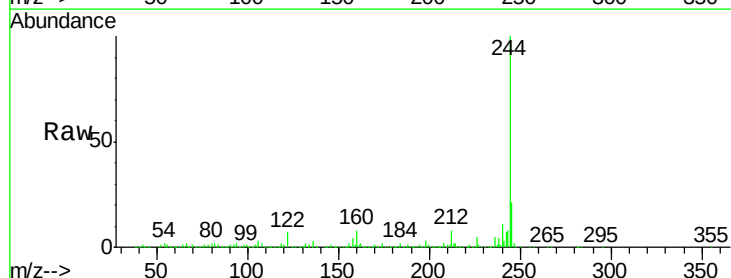
Tgt Ion:244 Resp: 953107

Ion Ratio Lower Upper

244 100

212 8.3 7.2 10.8

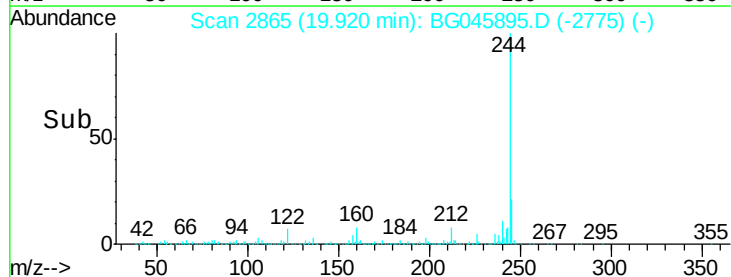
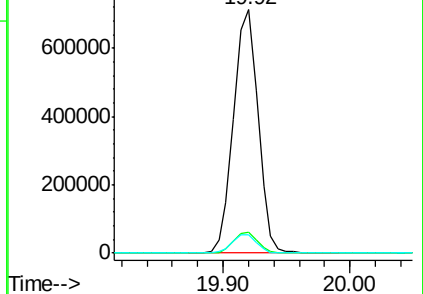
122 7.3 6.9 10.3

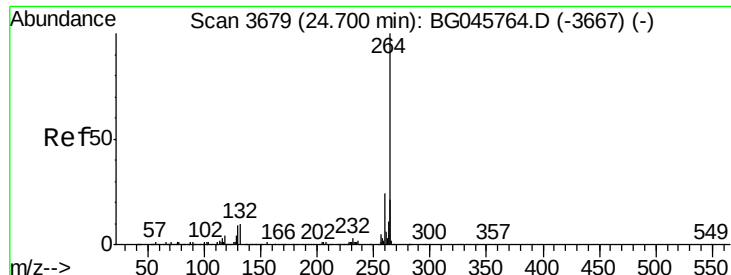


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3674
Delta R.T. 0.00 min
Lab File: BG045895.D
Acq: 30 Jun 2020 22:07

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	17.4	26.0

