

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045885.D
 Acq On : 30 Jun 2020 15:25
 Operator : CG/JU
 Sample : L3148-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-04

Quant Time: Jun 30 16:58:52 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

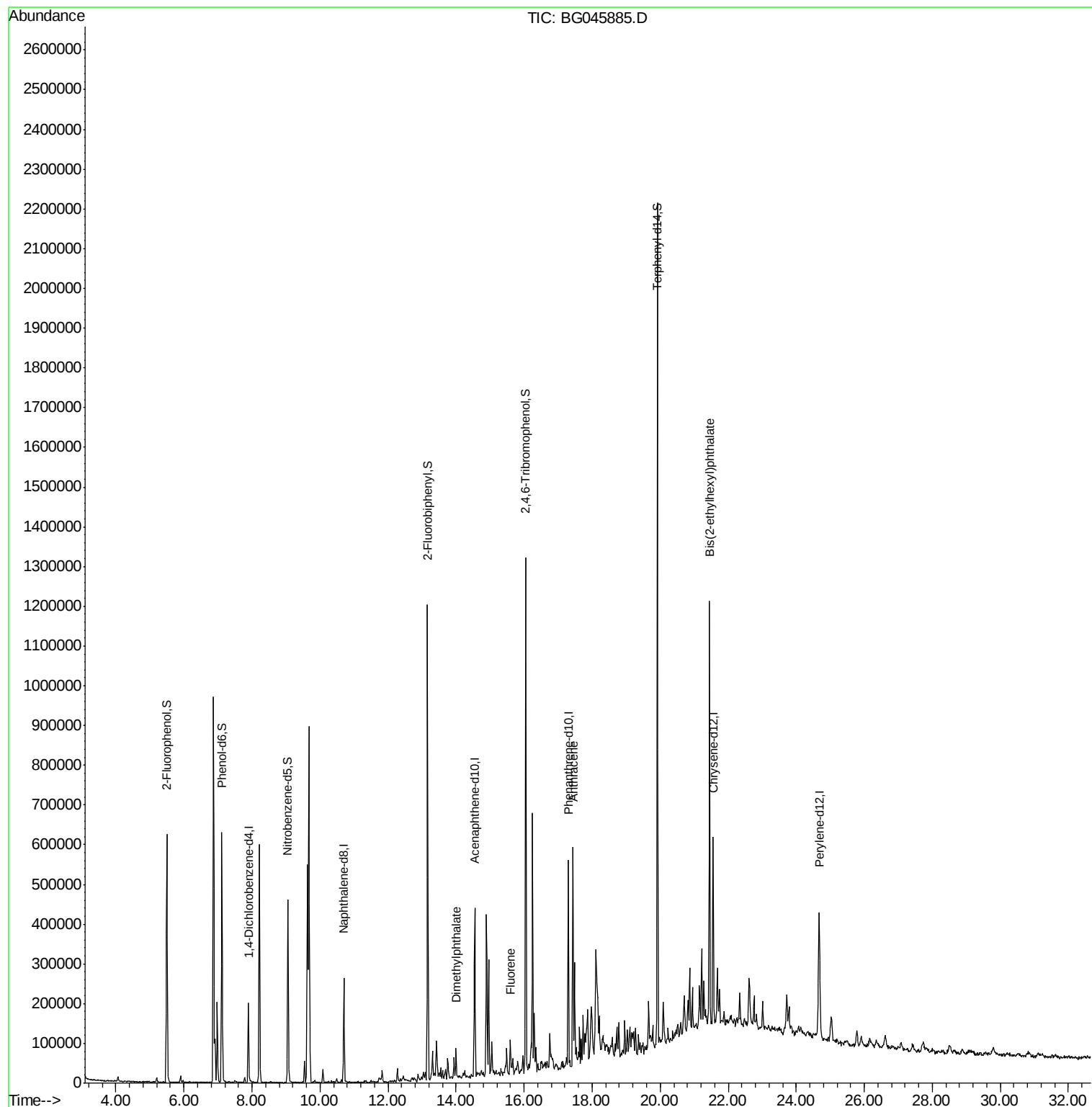
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	57256	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	220189	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	141286	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	307694	20.00	ng	0.00
76) Chrysene-d12	21.56	240	294227	20.00	ng	0.00
86) Perylene-d12	24.66	264	316307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	300846	88.76	ng	0.00
7) Phenol-d6	7.12	99	418379	81.15	ng	0.00
23) Nitrobenzene-d5	9.06	82	301590	62.57	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	184915	86.69	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	651360	67.75	ng	0.00
79) Terphenyl-d14	19.92	244	990665	68.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	48462	4.378	ng	95
58) Fluorene	15.59	166	26398	2.463	ng	90
72) Anthracene	17.43	178	321472	20.343	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	489292	42.654	ng	99

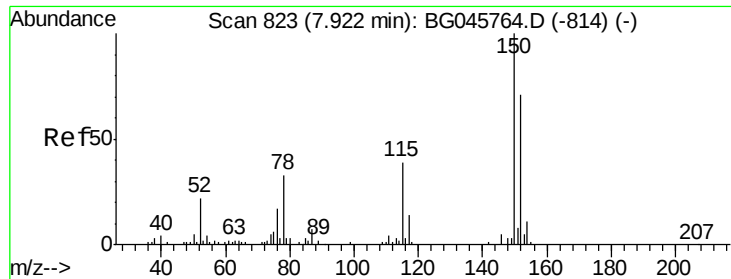
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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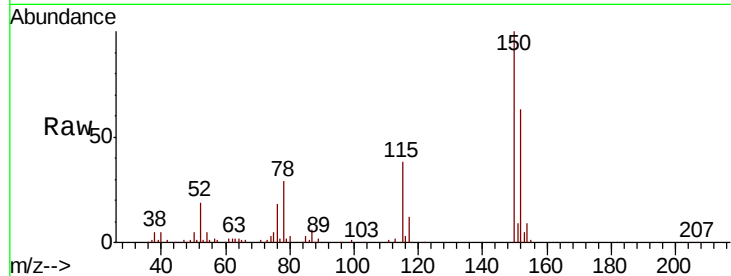


#1

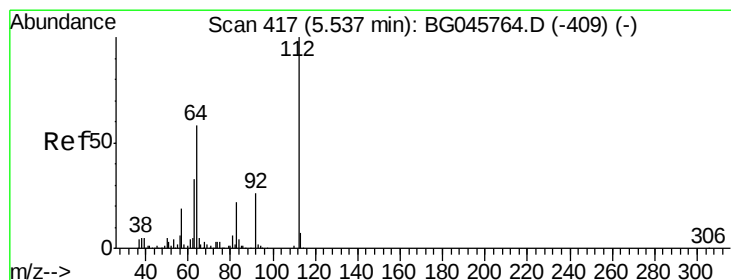
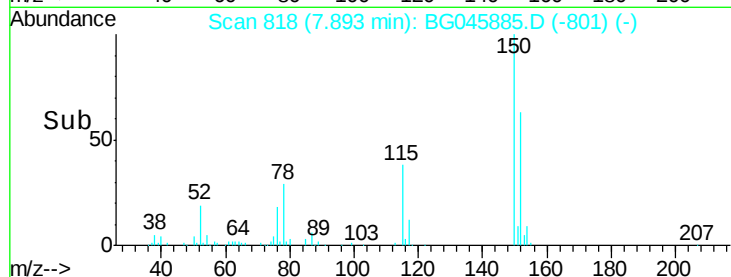
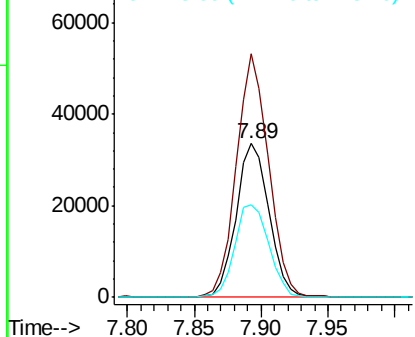
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045885.D
Acq: 30 Jun 2020 15:25

Instrument :
BNA_G
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	121.2	181.8
115	60.4	47.5	71.3



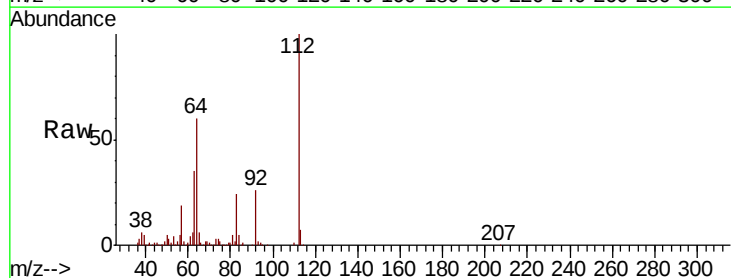
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



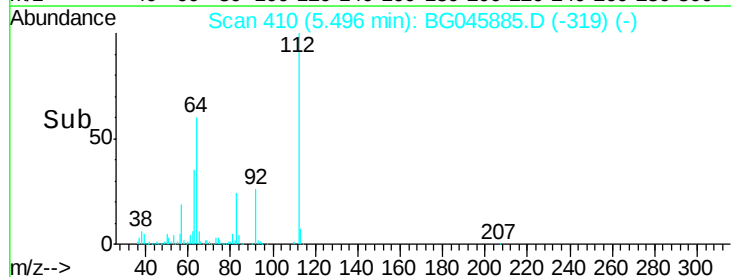
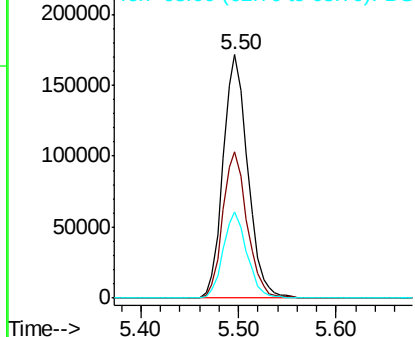
#5

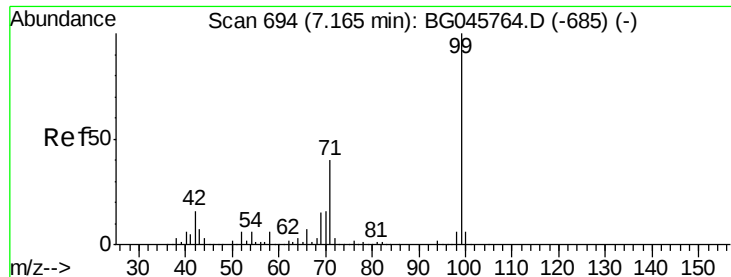
2-Fluorophenol
Concen: 88.759 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG045885.D
Acq: 30 Jun 2020 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.5	72.7
63	35.3	26.5	39.7



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: 81.149 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-04

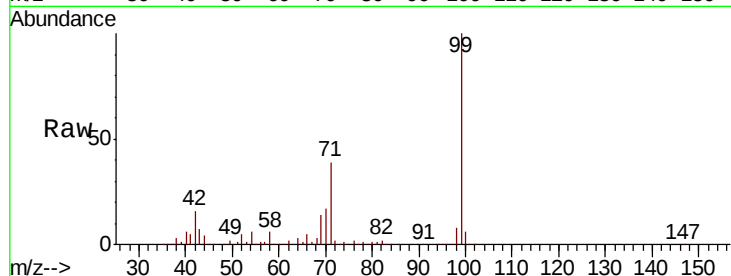
Tot Ion: 99 Resp: 418379

Ion Ratio Lower Upper

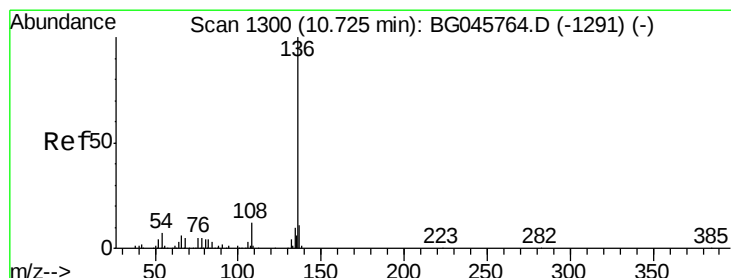
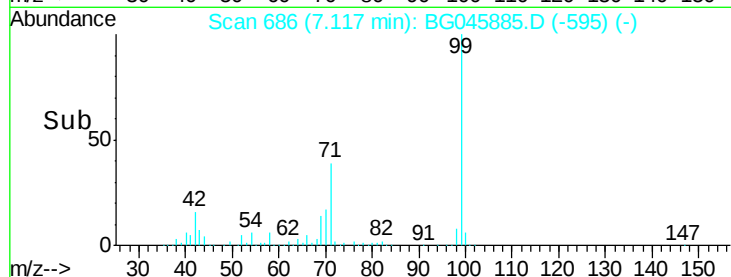
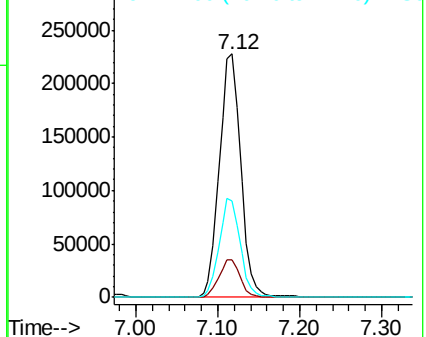
99 100

42 15.6 12.0 18.0

71 39.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

Tgt Ion: 136 Resp: 220189

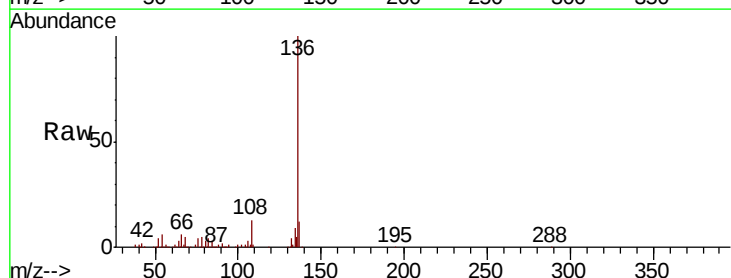
Ion Ratio Lower Upper

136 100

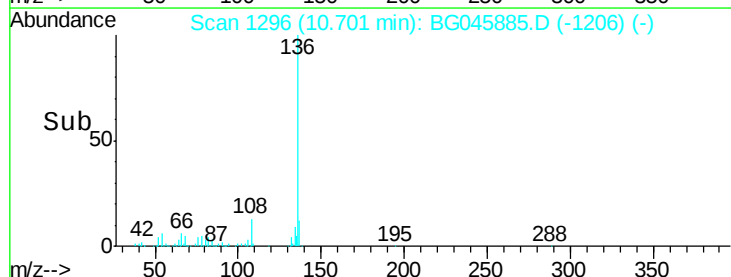
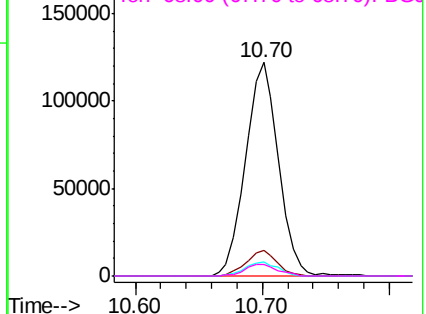
137 11.9 9.4 14.0

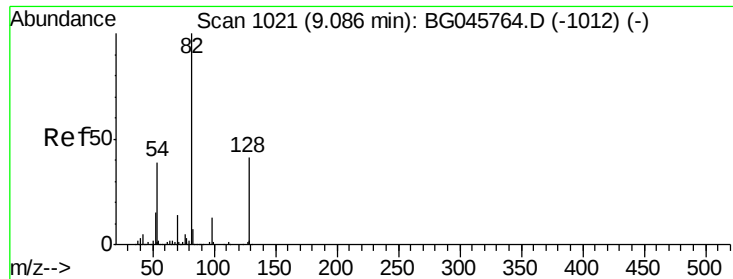
54 6.3 4.9 7.3

68 5.3 3.9 5.9



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

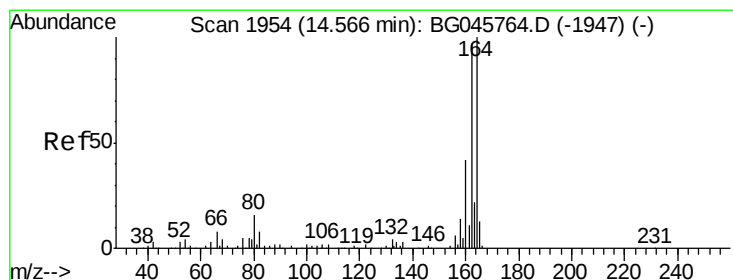
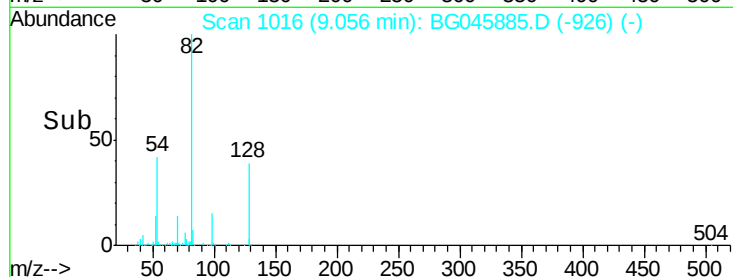
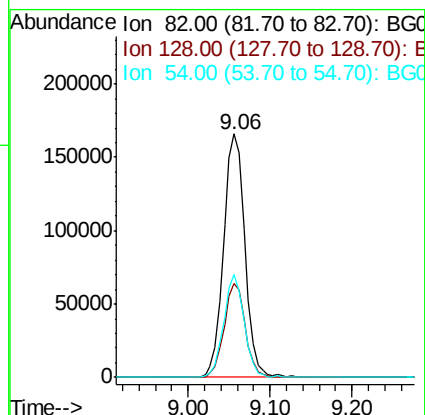
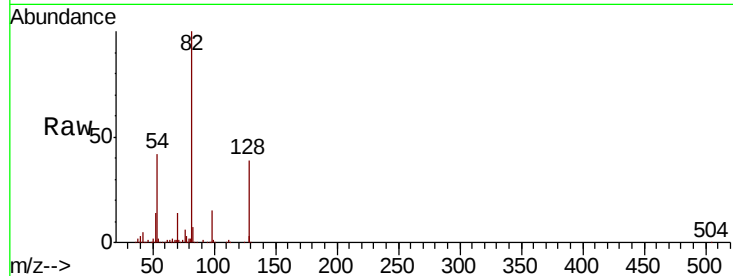




#23
 Nitrobenzene-d5
 Concen: 62.572 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG045885.D
 Acq: 30 Jun 2020 15:25

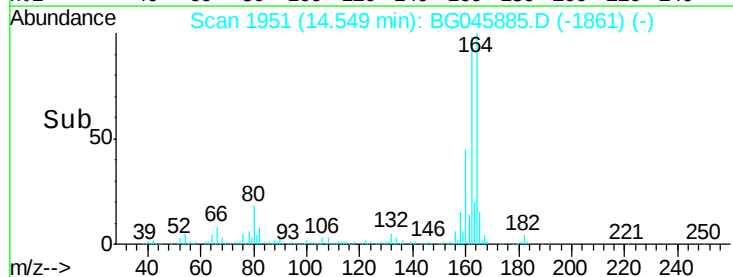
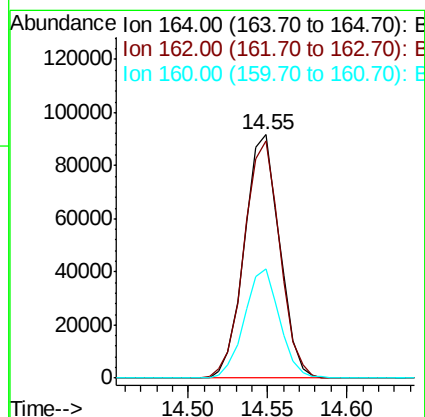
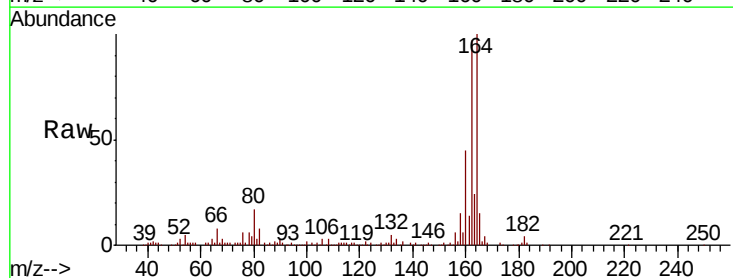
Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-04

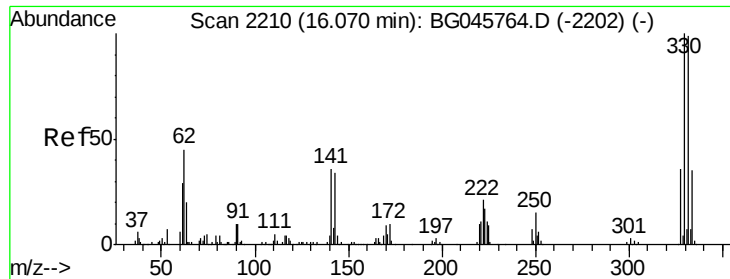
Tot Ion	82	Resp	301590
Ion Ratio	Lower	Upper	
82	100		
128	38.7	31.3	46.9
54	42.2	32.6	49.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG045885.D
 Acq: 30 Jun 2020 15:25

Tgt Ion	164	Resp	141286
Ion Ratio	Lower	Upper	
164	100		
162	97.3	80.6	120.8
160	44.6	35.0	52.4

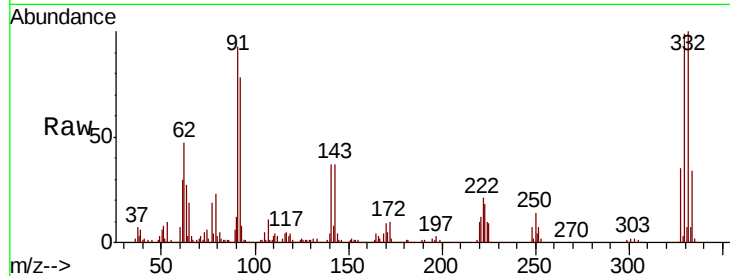




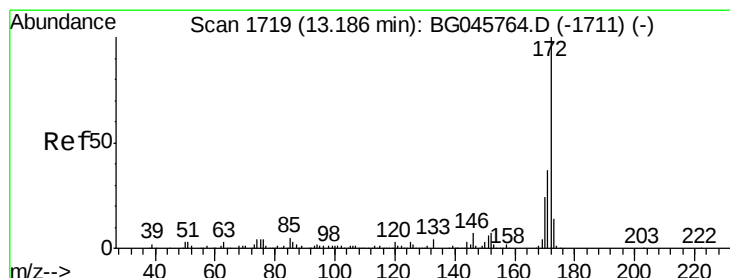
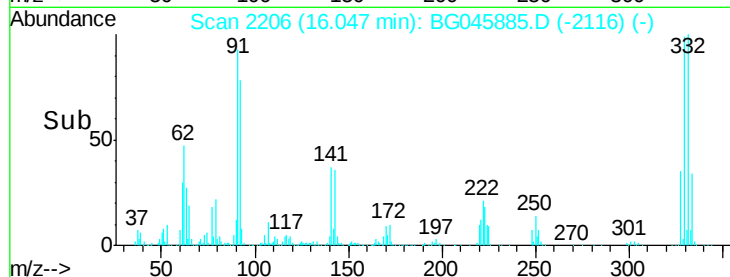
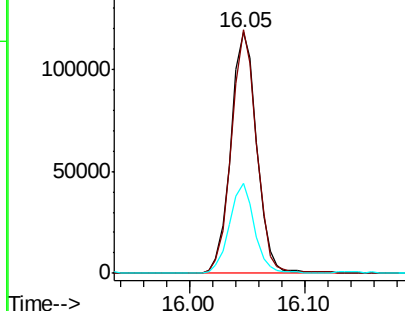
#42
 2,4,6-Tribromophenol
 Concen: 86.690 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG045885.D
 Acq: 30 Jun 2020 15:25

Instrument :
 BNA_G
 ClientSampleId :
 EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	36.6	27.7	41.5

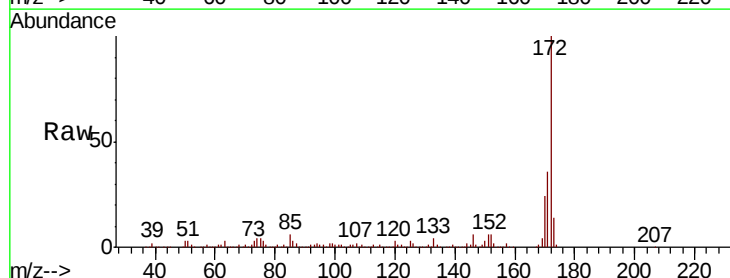


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

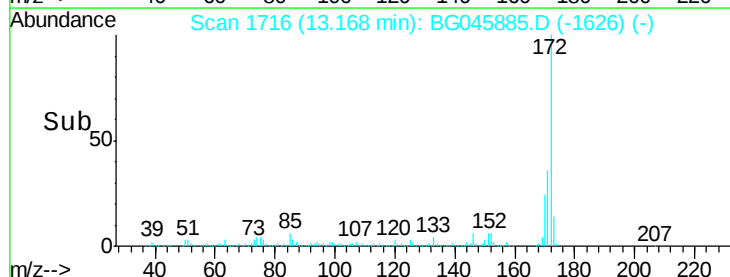
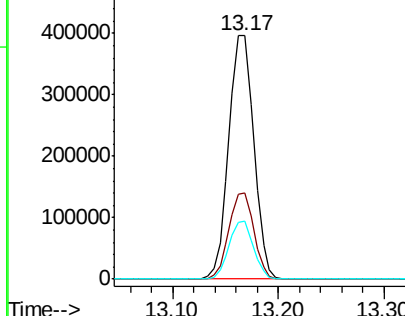


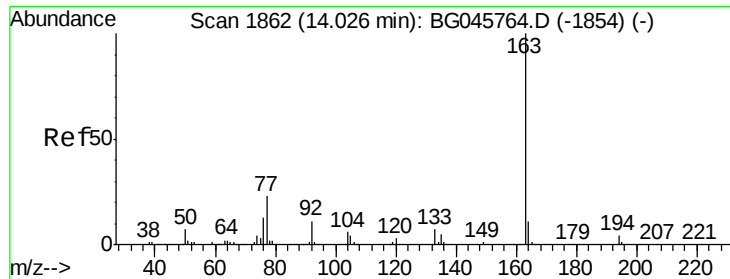
#45
 2-Fluorobiphenyl
 Concen: 67.750 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG045885.D
 Acq: 30 Jun 2020 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.0	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: 4.378 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-04

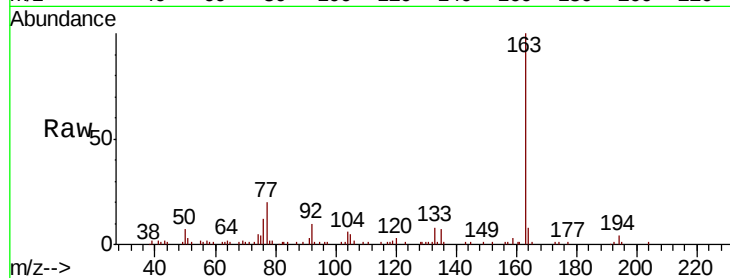
Tot Ion:163 Resp: 48462

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 8.3 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

14.00

30000

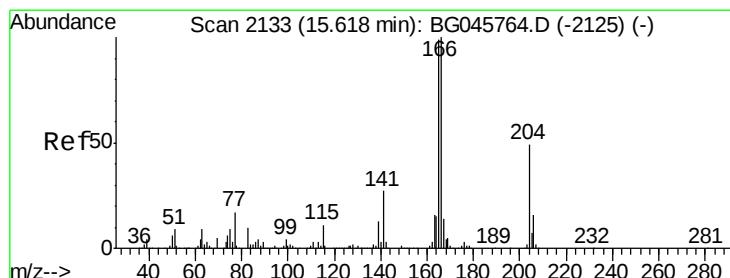
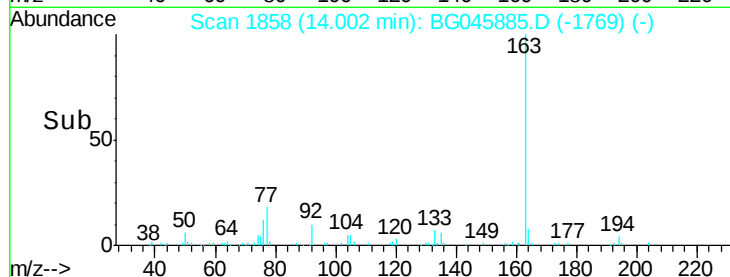
20000

10000

0

13.95 14.00 14.05

Time-->



#58

Fluorene

Concen: 2.463 ng

RT: 15.59 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

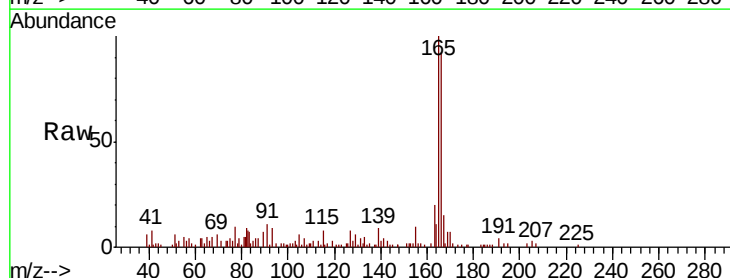
Tgt Ion:166 Resp: 26398

Ion Ratio Lower Upper

166 100

165 108.5 78.2 117.2

167 16.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.59

20000

15000

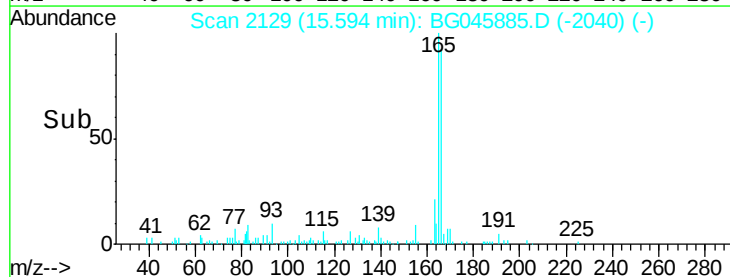
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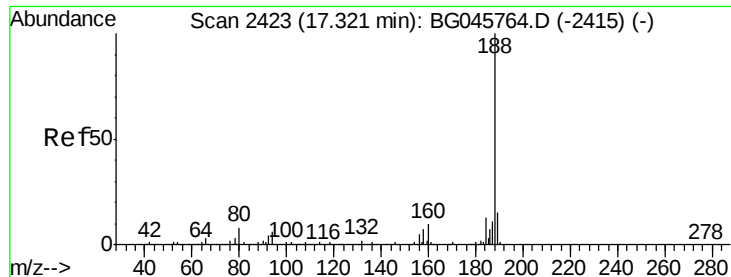
5000

0

15.50 15.60 15.70

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-04

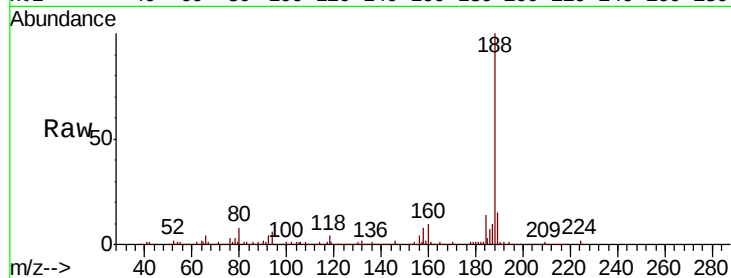
Tot Ion:188 Resp: 307694

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

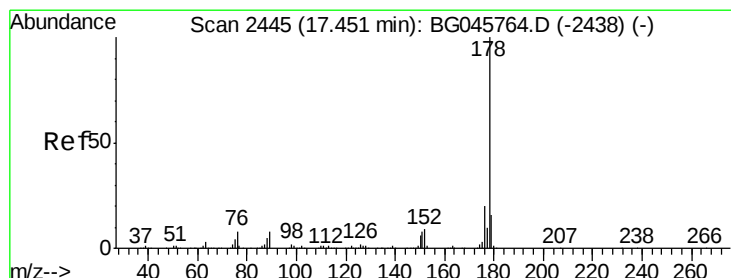
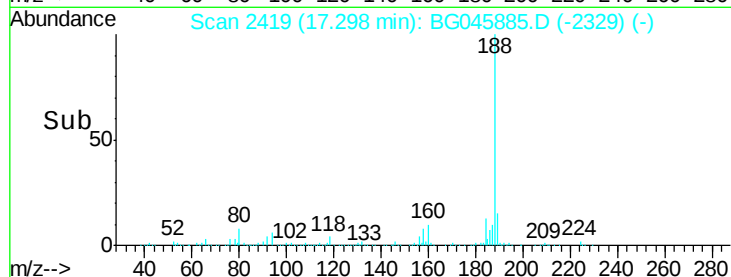
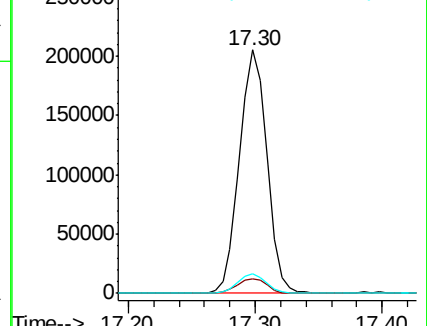
80 8.3 6.6 10.0



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



#72

Anthracene

Concen: 20.343 ng

RT: 17.43 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

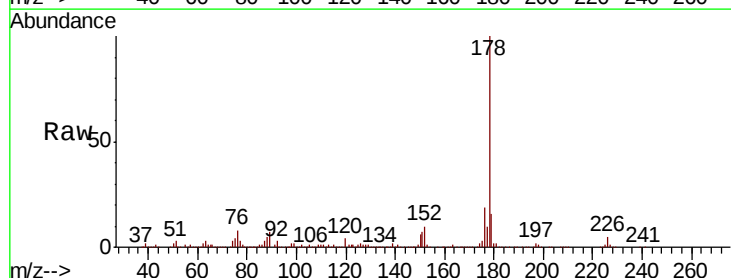
Tgt Ion:178 Resp: 321472

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

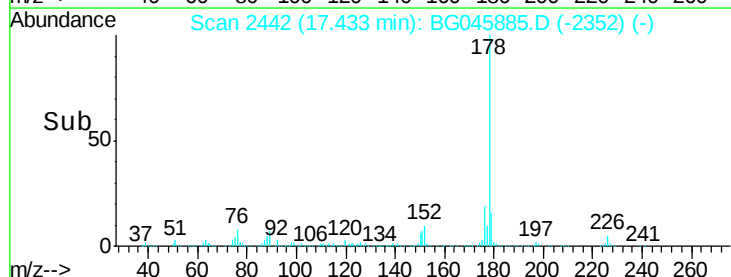
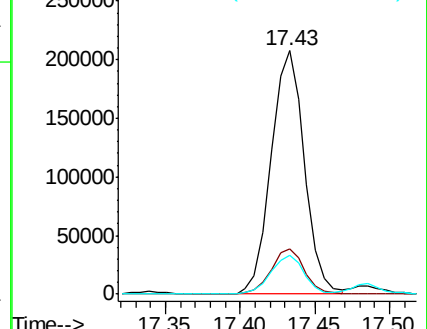
179 15.9 12.8 19.2

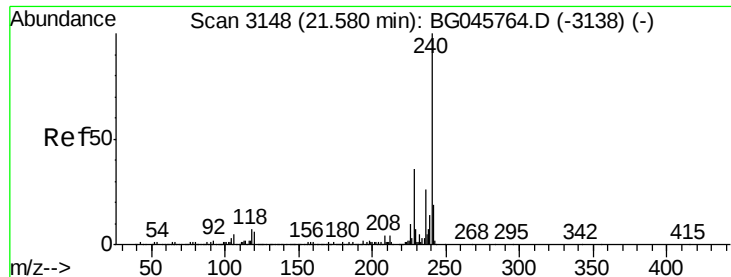


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

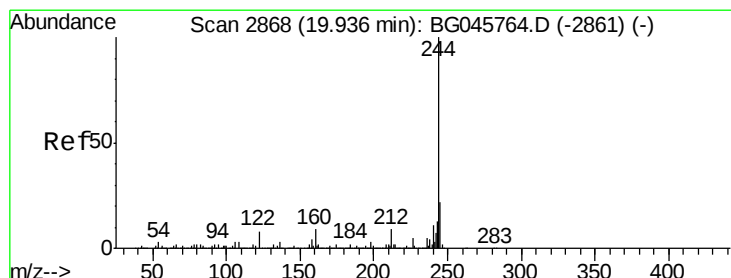
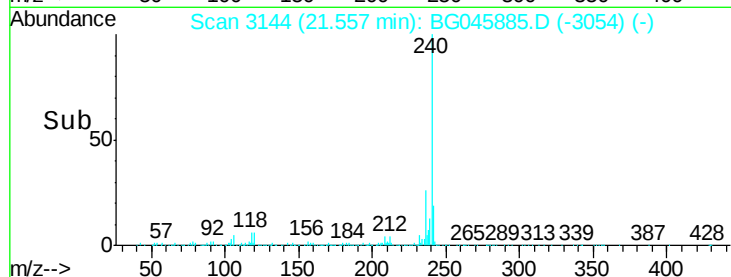
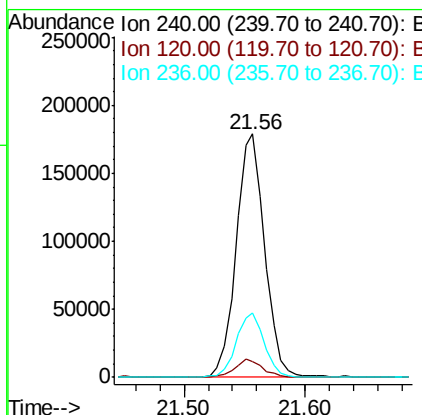
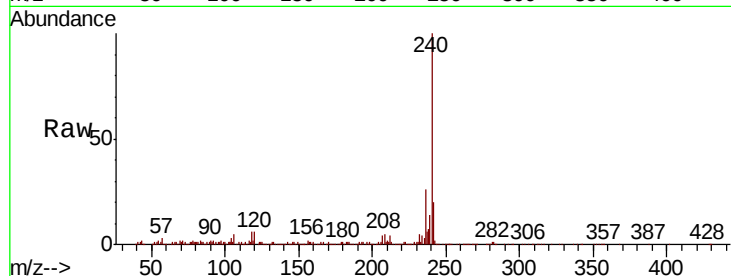




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045885.D
Acq: 30 Jun 2020 15:25

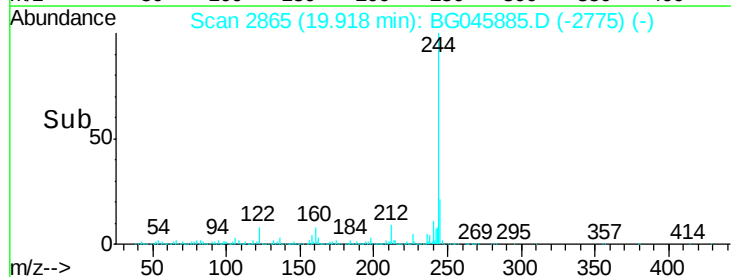
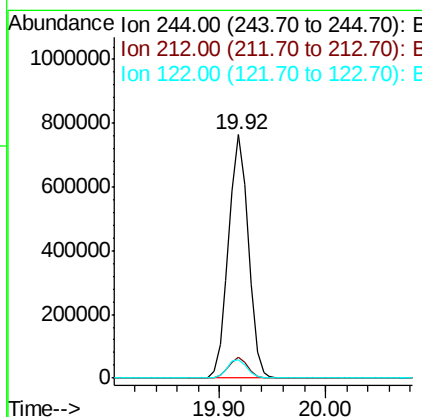
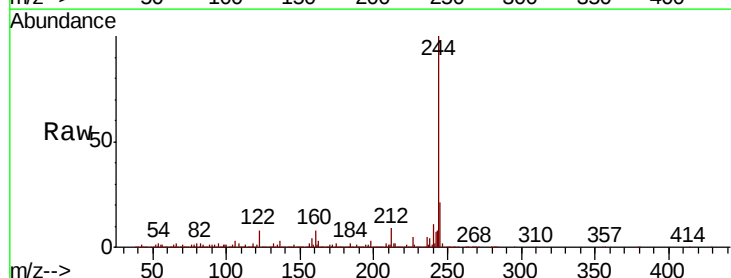
Instrument :
BNA_G
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EPEC-POLYMERS-04

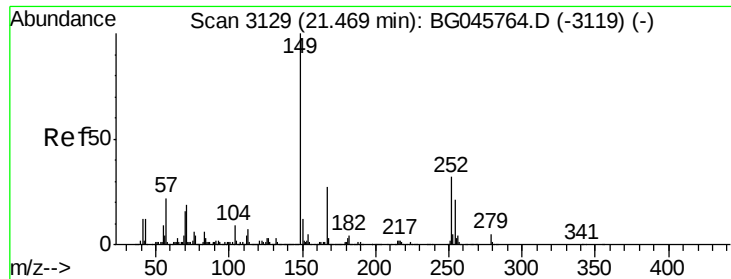
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.6	8.4
236	26.2	21.3	31.9



#79
Terphenyl-d14
Concen: 68.236 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BG045885.D
Acq: 30 Jun 2020 15:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.7	6.9	10.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.654 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

Instrument :

BNA_G

ClientSampleId :

EPEC-POLYMERS-04

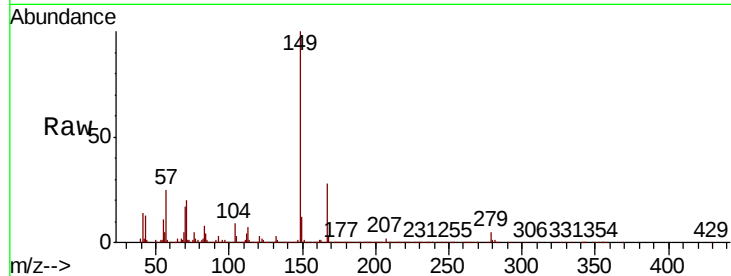
Tot Ion:149 Resp: 489292

Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

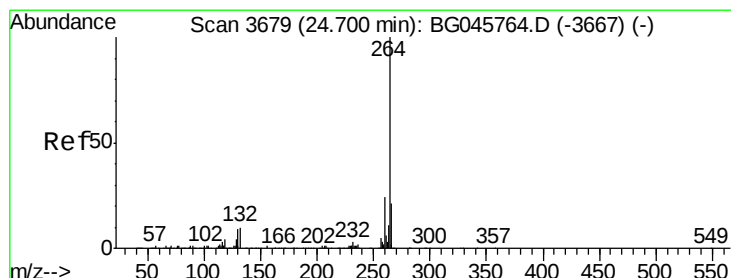
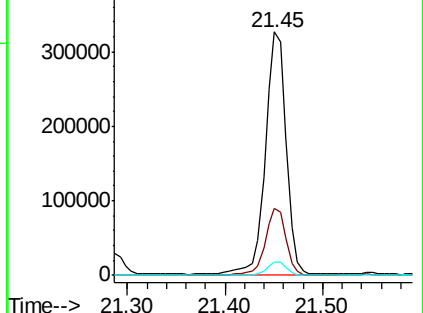
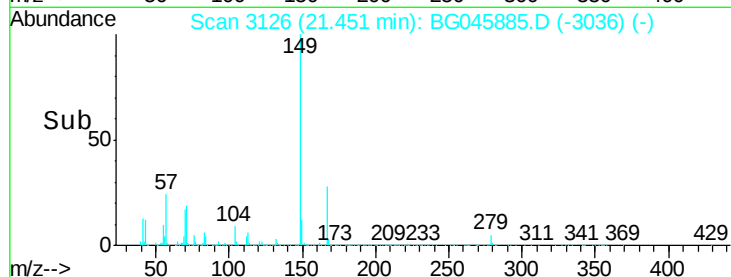
279 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG045885.D

Acq: 30 Jun 2020 15:25

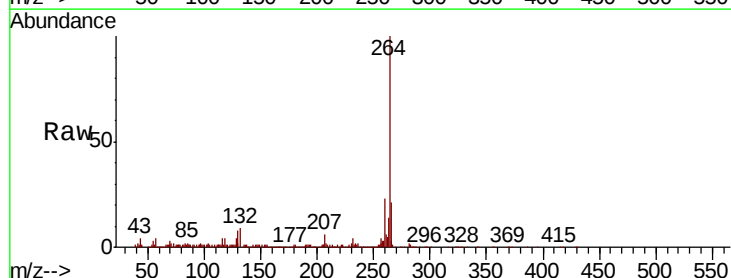
Tgt Ion:264 Resp: 316307

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 20.7 17.4 26.0



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

