

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
 Data File : BM026638.D
 Acq On : 01 Jul 2020 15:58
 Operator : JU/CG
 Sample : L3148-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EPEC-POLYMERS-04

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:17:59 AM

Quant Time: Jul 01 16:44:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:20:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	82345	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	306337	20.00	ng	0.00
39) Acenaphthene-d10	14.01	164	177965	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	374145	20.00	ng	0.00
76) Chrysene-d12	20.99	240	437696	20.00	ng	0.00
86) Perylene-d12	23.07	264	466075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	604637	129.82	ng	0.00
7) Phenol-d6	6.56	99	698636	103.59	ng	0.00
23) Nitrobenzene-d5	8.50	82	693872	111.21	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	373811	173.40	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	1348442	115.02	ng	0.00
79) Terphenyl-d14	19.43	244	2341960	103.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	12787	2.973	ng	98
12) 1,3-Dichlorobenzene	7.25	146	14459	2.431	ng	96
36) 4-Chloro-3-methylphenol	11.44	107	22653m	4.152	ng	
46) 1,1'-Biphenyl	12.83	154	54060	4.333	ng	98
50) Dimethylphthalate	13.49	163	187839	14.430	ng	99
58) Fluorene	15.07	166	88768	6.970	ng	98
72) Anthracene	16.90	178	52156	2.682	ng	98

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

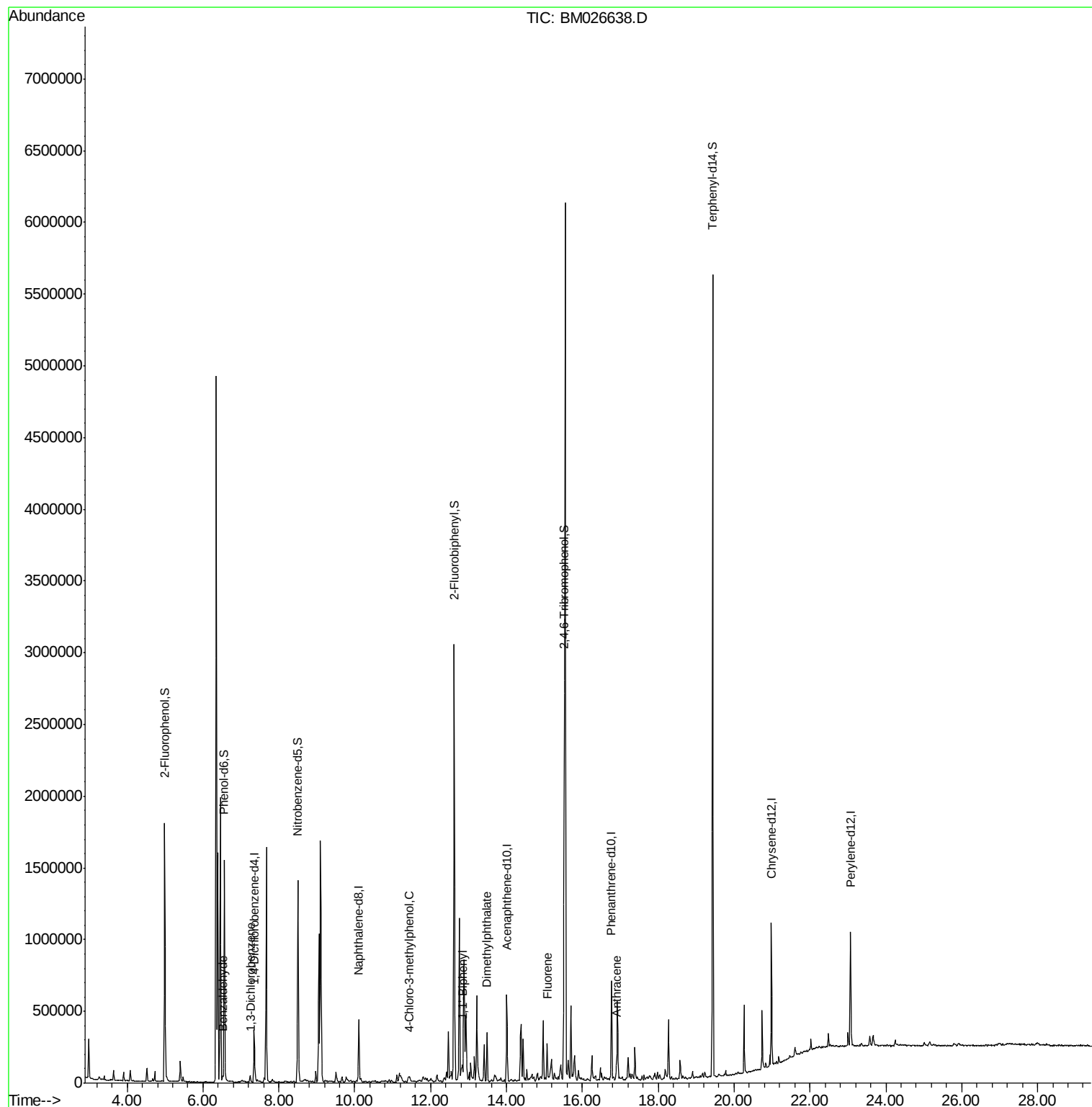
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026638.D
Acq On : 01 Jul 2020 15:58
Operator : JU/CG
Sample : L3148-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

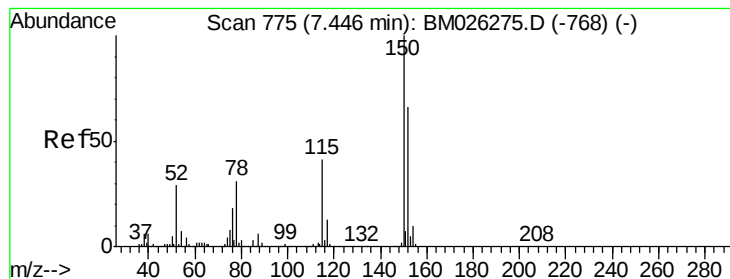
Instrument :
BNA_M
ClientSampleId :
EPEC-POLYMERS-04

Manual Integrations
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7/7/2020 8:17:59 AM

Quant Time: Jul 01 16:44:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

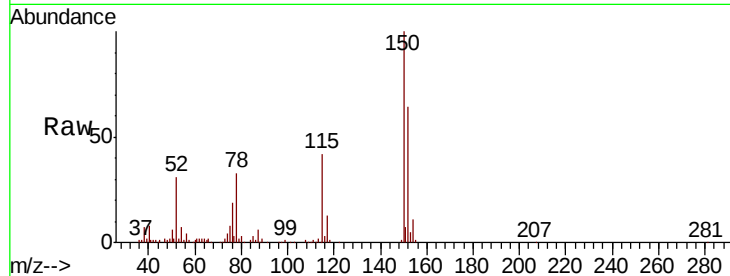
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Instrument :
BNA_M
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.8	191.6
115	65.5	51.5	77.3

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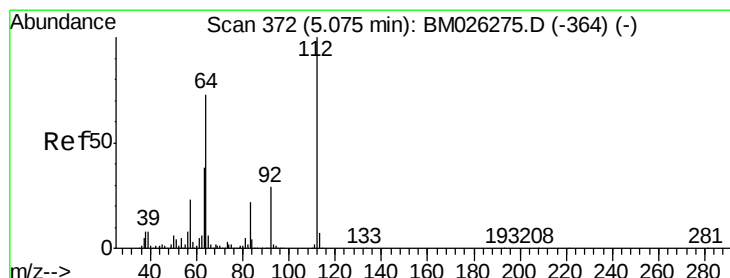
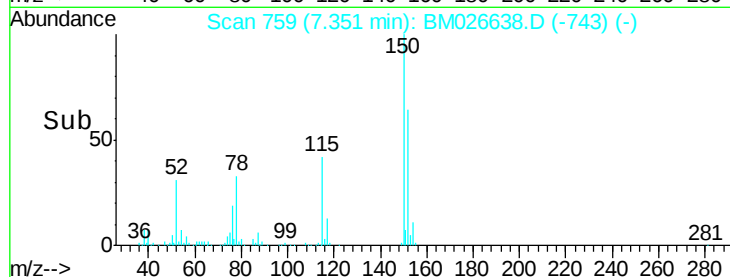
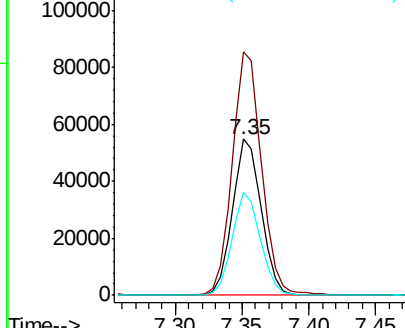


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

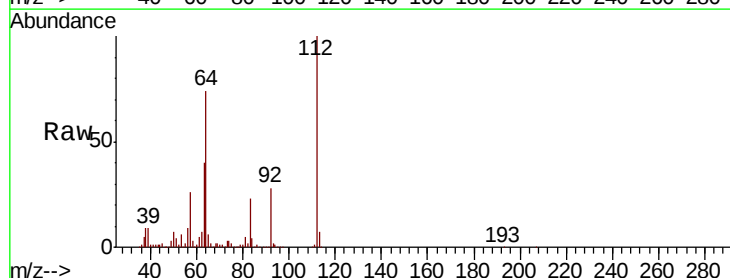
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.822 ng
RT: 4.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.0	84.0
63	39.7	29.0	43.6

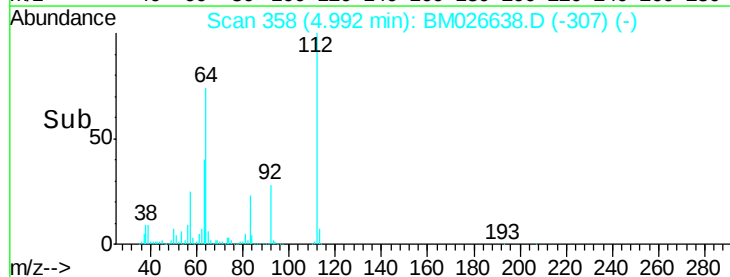
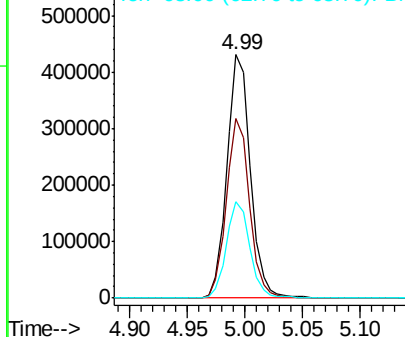


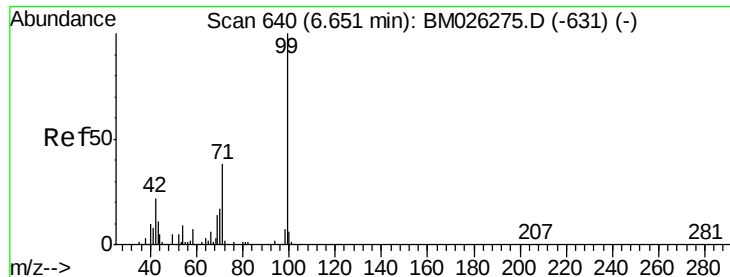
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 103.591 ng

RT: 6.56 min Scan# 625

Delta R.T. -0.00 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

Instrument :

BNA_M

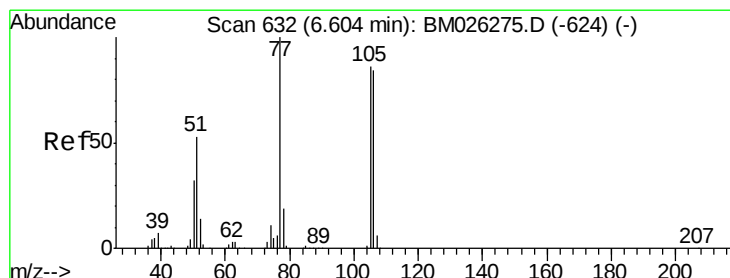
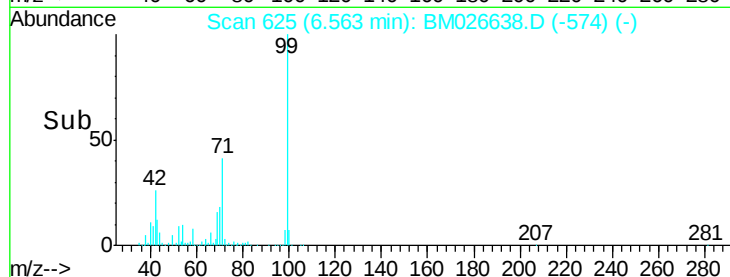
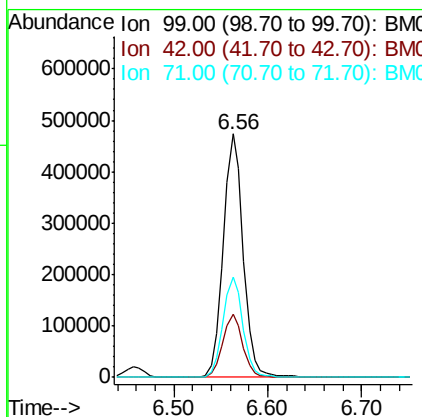
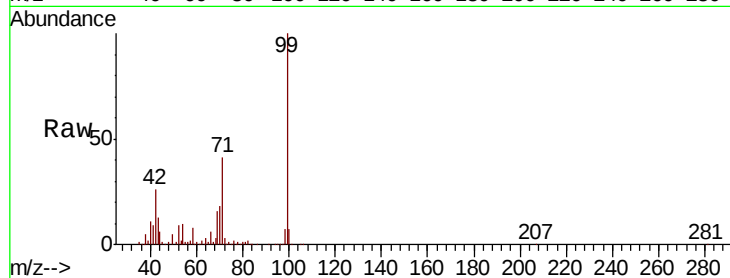
ClientSampleId :

EPEC-POLYMERS-04

Tot Ion:	99	Resp:	698636
Ion Ratio	Lower	Upper	
99	100		
42	26.0	17.8	26.6
71	41.3	31.0	46.4

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#9

Benzaldehyde

Concen: 2.973 ng

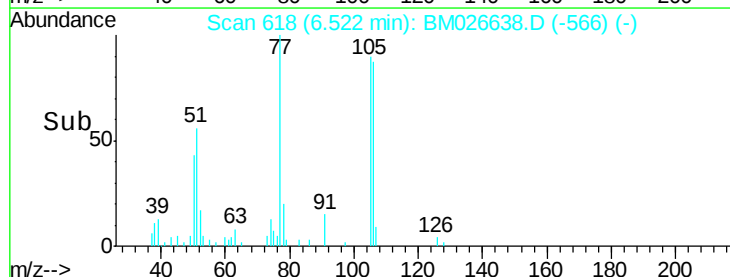
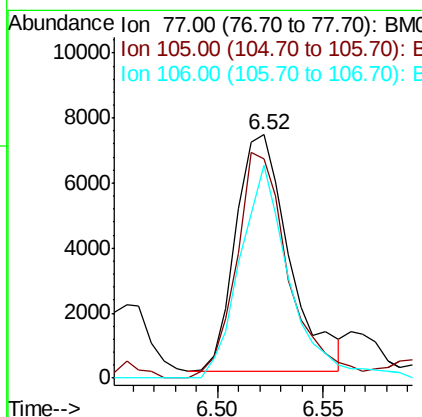
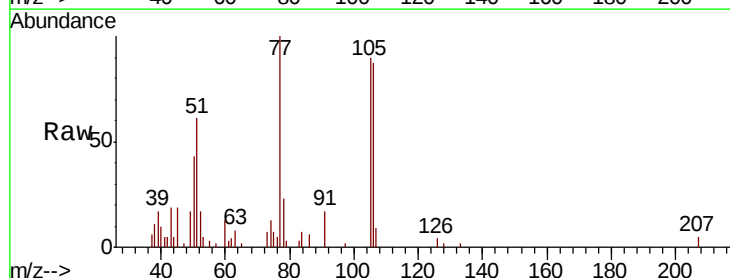
RT: 6.52 min Scan# 618

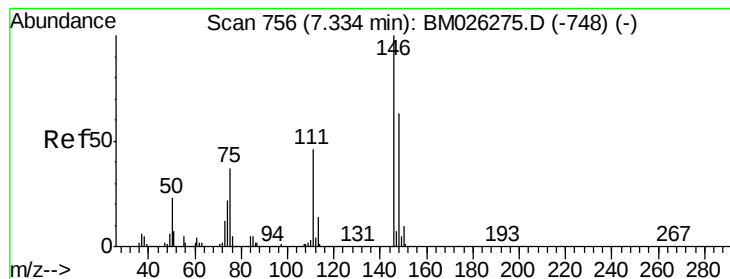
Delta R.T. 0.01 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

Tgt Ion:	77	Resp:	12787
Ion Ratio	Lower	Upper	
77	100		
105	90.1	71.5	111.5
106	87.3	64.7	104.7





#12

1,3-Dichlorobenzene

Concen: 2.431 ng

RT: 7.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

Instrument :

BNA_M

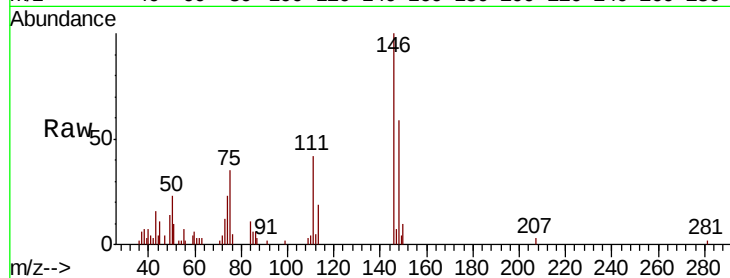
ClientSampleId :

EPEC-POLYMERS-04

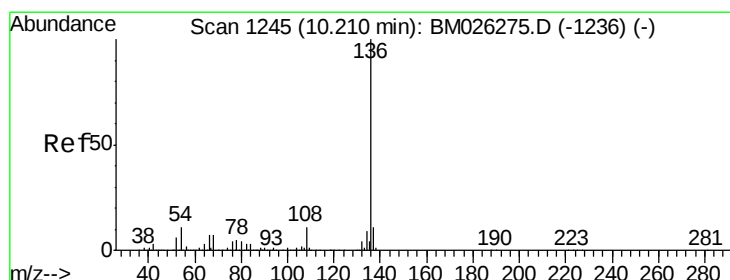
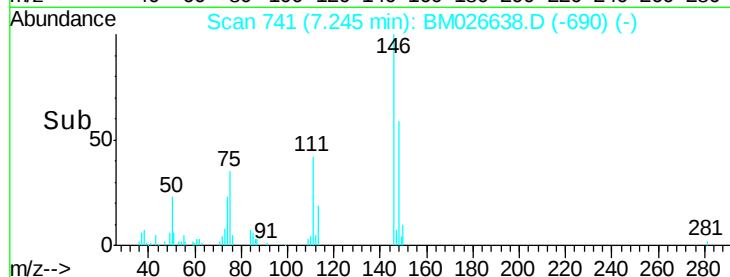
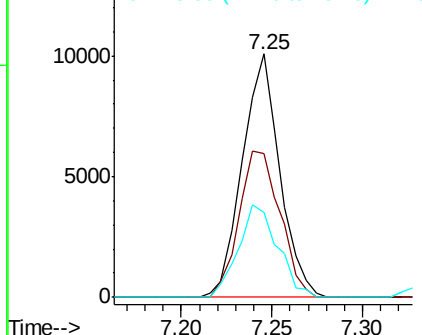
Tot Ion:	146	Resp:	14459
Ion Ratio	Lower	Upper	
146	100		
148	59.0	50.3	75.5
75	35.0	29.0	43.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.11 min Scan# 1228

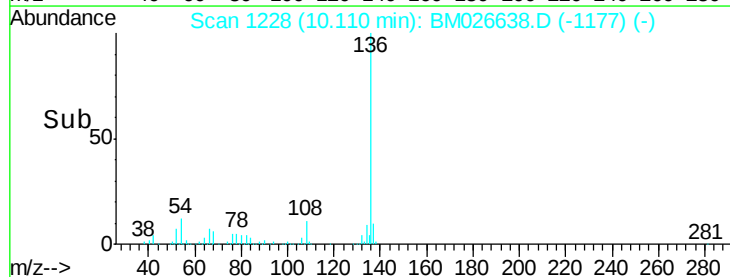
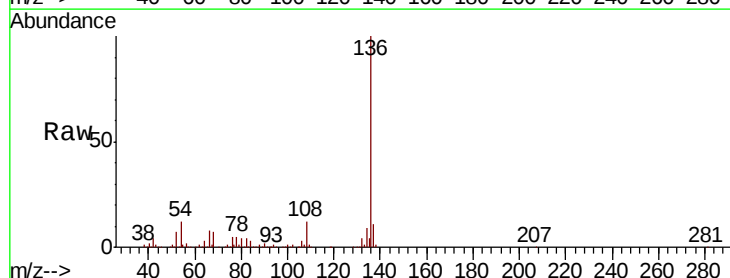
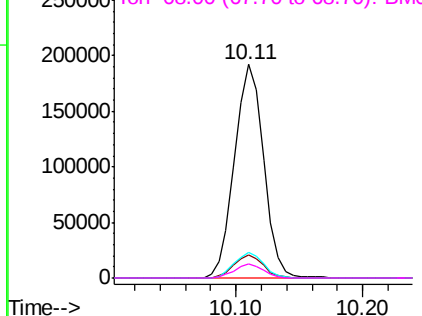
Delta R.T. -0.00 min

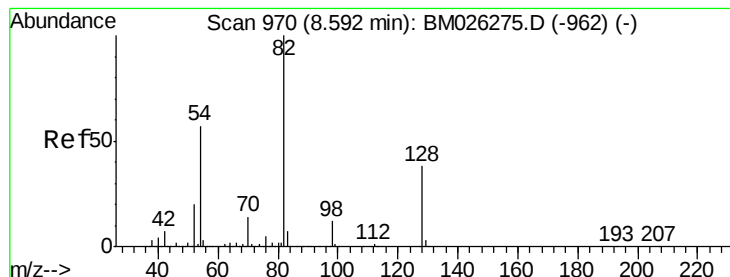
Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

Tgt Ion:	136	Resp:	306337
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	11.9	9.0	13.6
68	6.5	5.6	8.4

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): BM0
Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 111.214 ng

RT: 8.50 min Scan# 955

Delta R.T. -0.00 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

Instrument :

BNA_M

ClientSampleId :

EPEC-POLYMERS-04

Tot Ion: 82 Resp: 693872

Ion Ratio Lower Upper

82 100

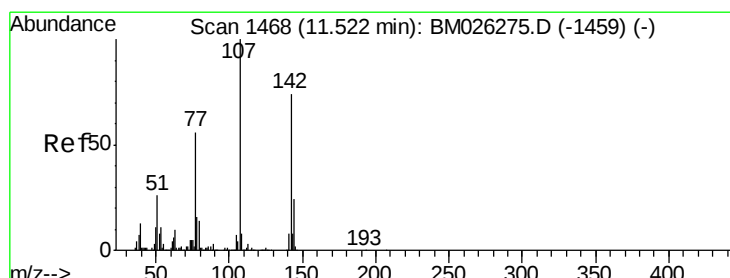
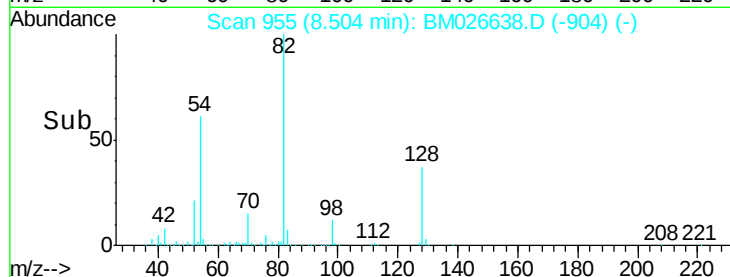
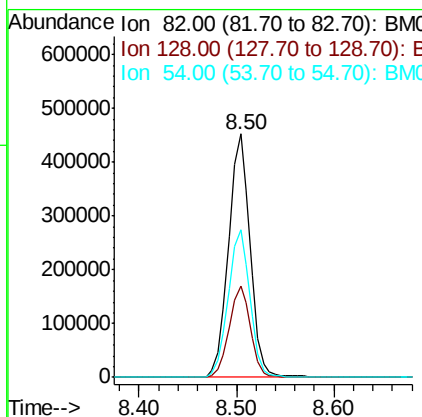
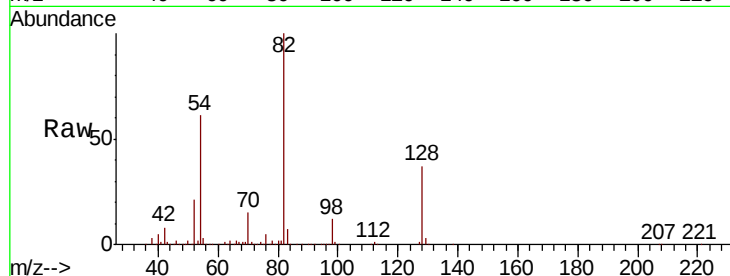
128 37.3 31.0 46.6

54 60.8 45.4 68.2

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#36

4-Chloro-3-methylphenol

Concen: 4.152 ng m

RT: 11.44 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

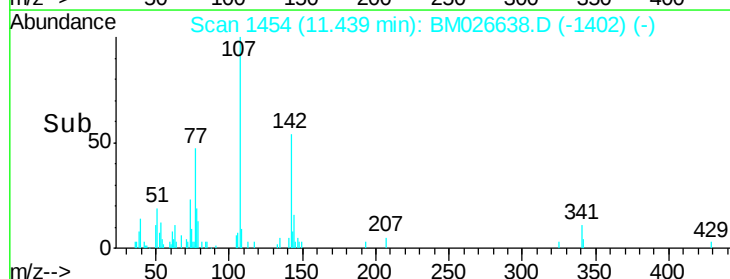
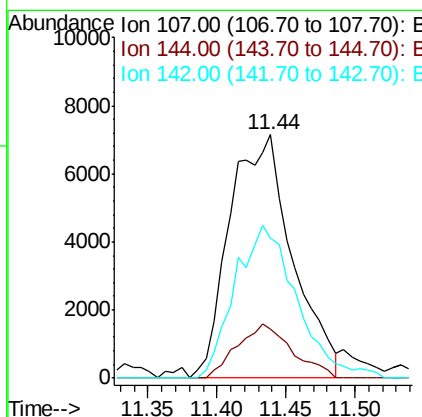
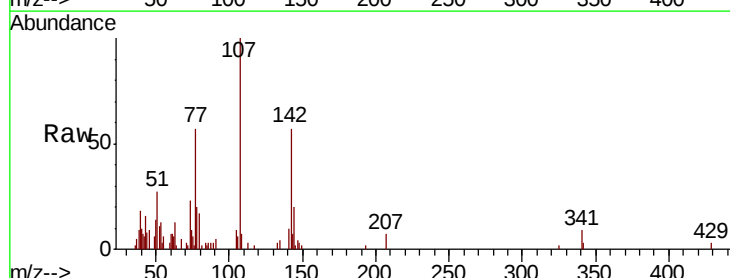
Tgt Ion: 107 Resp: 22653

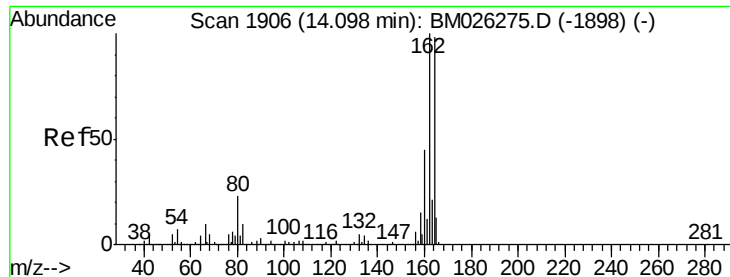
Ion Ratio Lower Upper

107 100

144 20.1 18.7 28.1

142 57.3 57.7 86.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

Instrument :

BNA_M

ClientSampleId :

EPEC-POLYMERS-04

Tot Ion:164 Resp: 177965

Ion Ratio Lower Upper

164 100

162 101.6 77.7 116.5

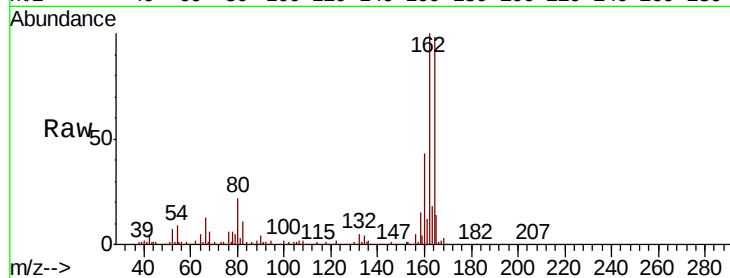
160 43.7 34.2 51.2

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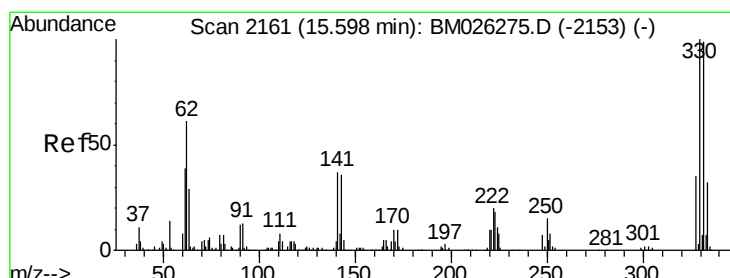
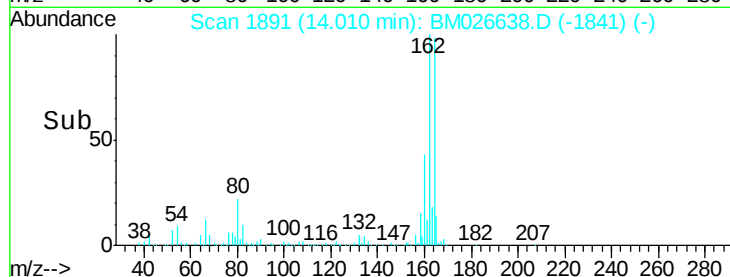
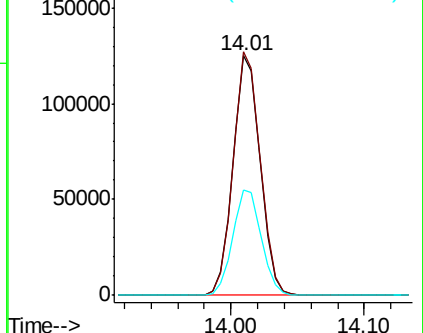
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 173.399 ng

RT: 15.52 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BM026638.D

Acq: 01 Jul 2020 15:58

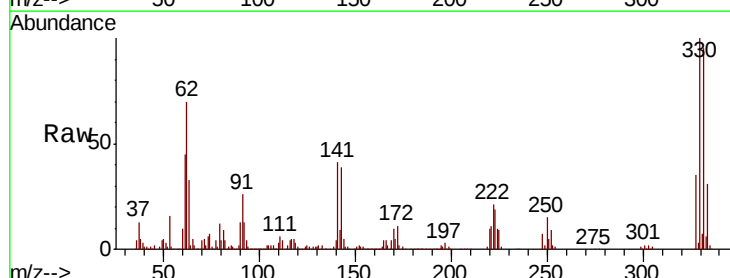
Tgt Ion:330 Resp: 373811

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

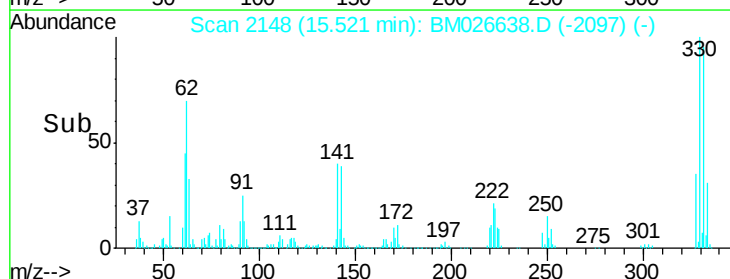
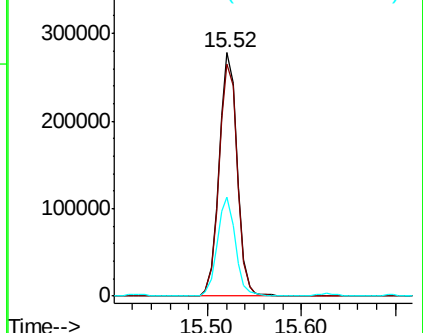
141 41.5 29.7 44.5

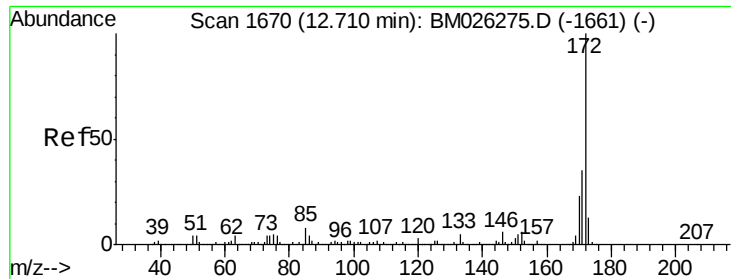


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





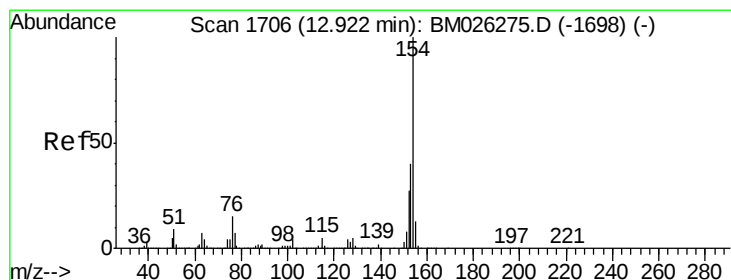
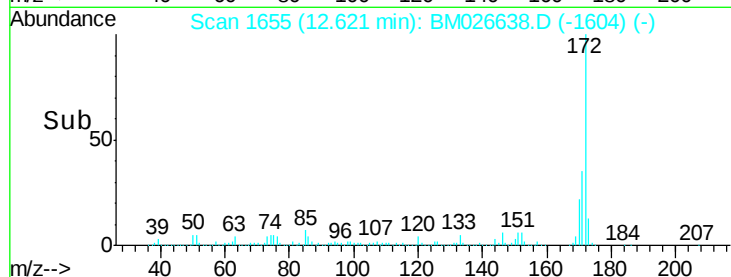
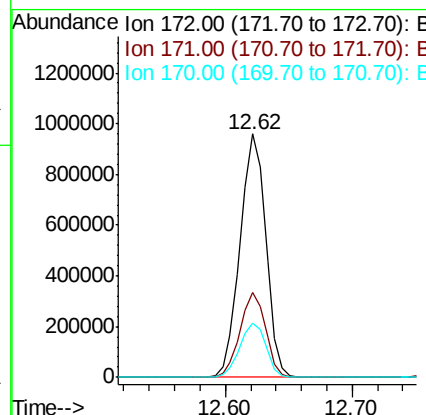
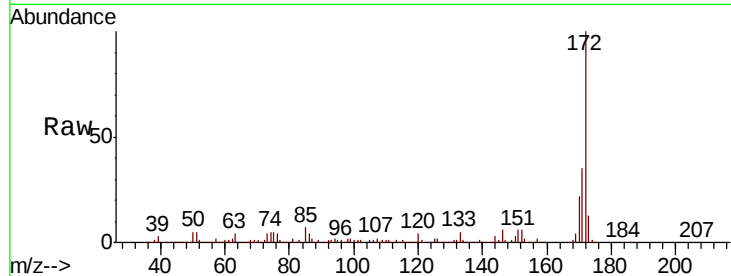
#45
 2-Fluorobiphenyl
 Concen: 115.016 ng
 RT: 12.62 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BM026638.D
 Acq: 01 Jul 2020 15:58

Instrument :
 BNA_M
 ClientSampleId :
 EPEC-POLYMERS-04

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.5	18.2	27.4

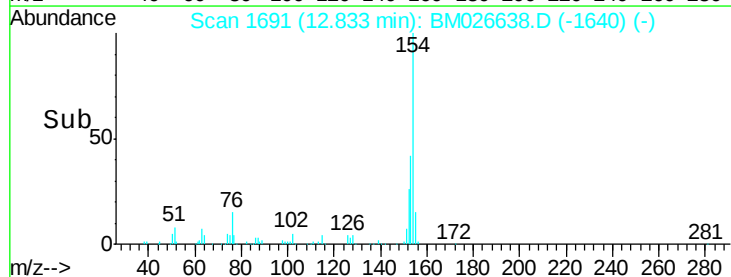
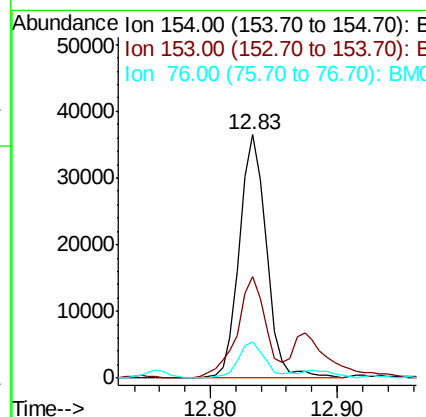
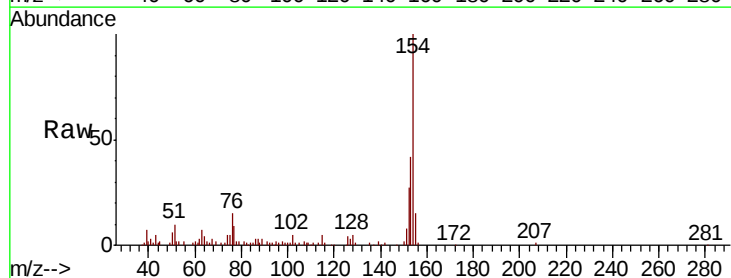
Manual Integrations
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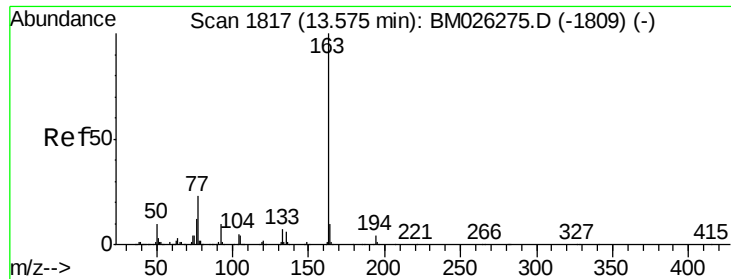
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#46
 1,1'-Biphenyl
 Concen: 4.333 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BM026638.D
 Acq: 01 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.0	60.0
76	15.0	0.0	34.6





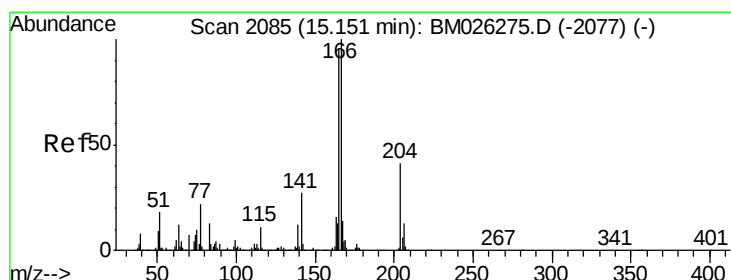
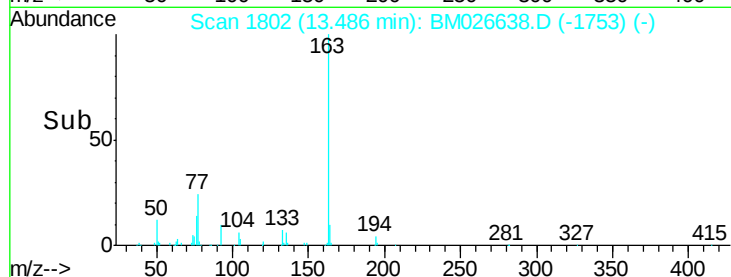
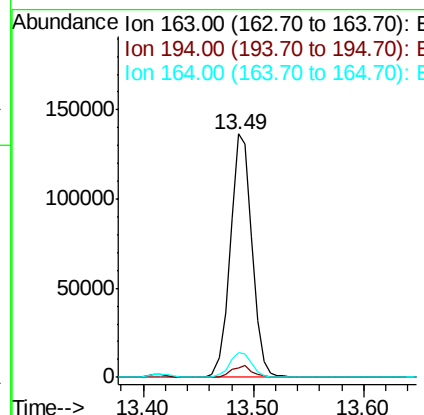
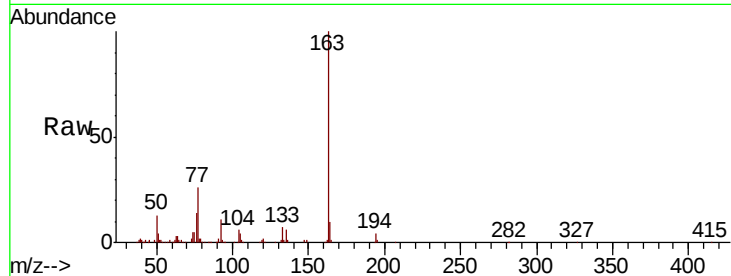
#50
Dimethylphthalate
Concen: 14.430 ng
RT: 13.49 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Instrument :
BNA_M
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		187839		
194	3.9			3.4	5.2
164	10.0			7.8	11.8

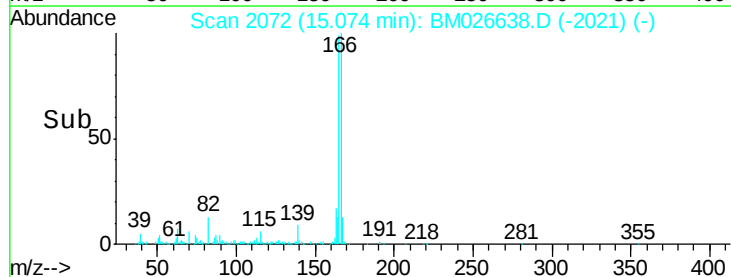
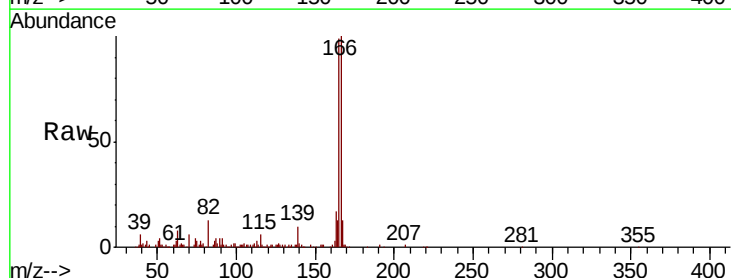
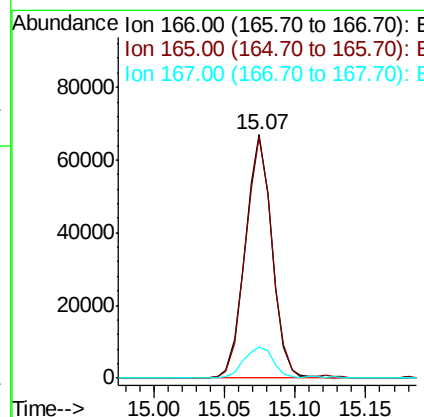
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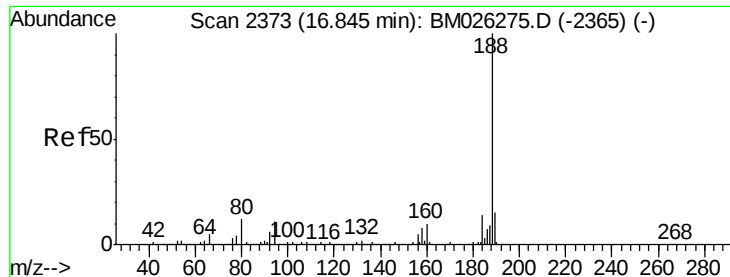
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#58
Fluorene
Concen: 6.970 ng
RT: 15.07 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		88768		
165	99.3			77.5	116.3
167	12.9			10.9	16.3





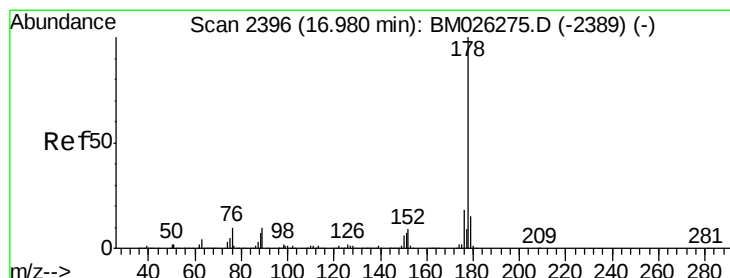
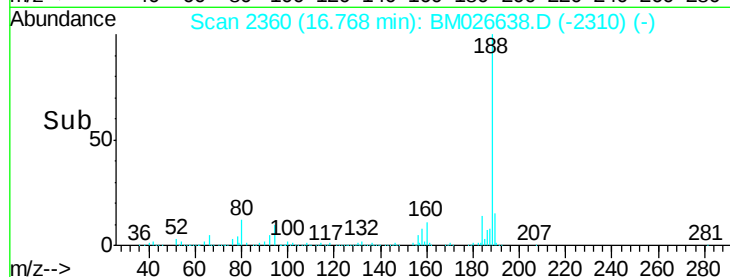
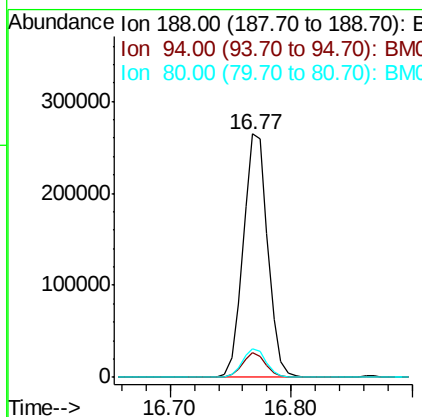
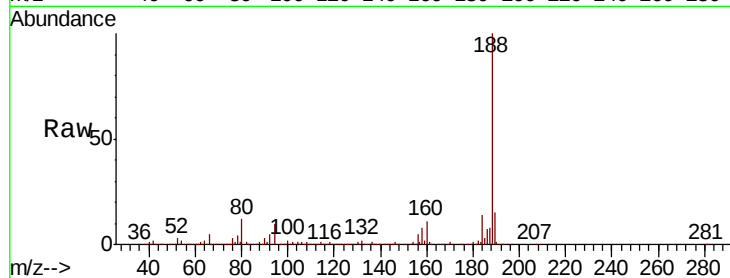
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.77 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Instrument :
BNA_M
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ratio	Resp	Lower	Upper
188	100	374145		
94	10.1		7.8	11.6
80	11.7		9.5	14.3

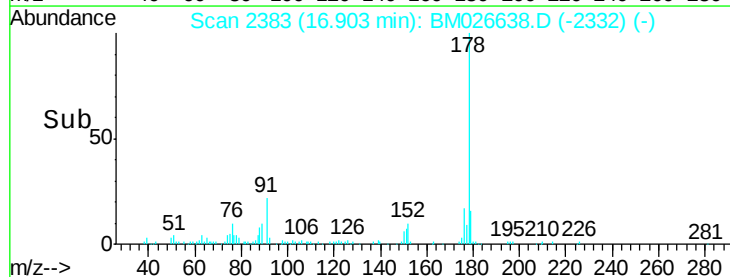
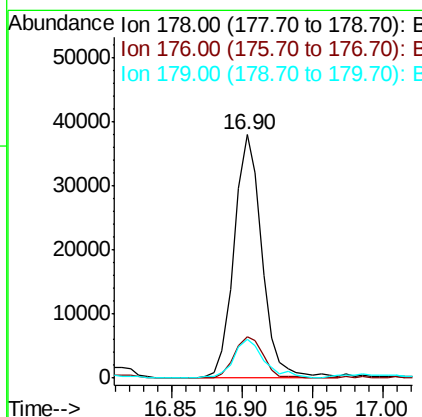
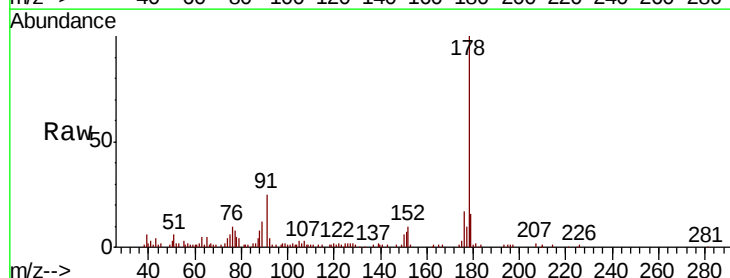
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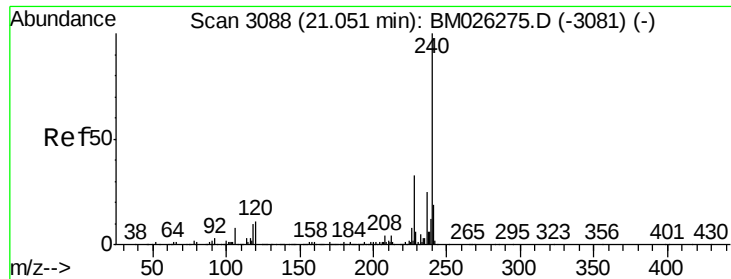
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#72
Anthracene
Concen: 2.682 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52156		
176	17.0		14.5	21.7
179	15.9		12.3	18.5





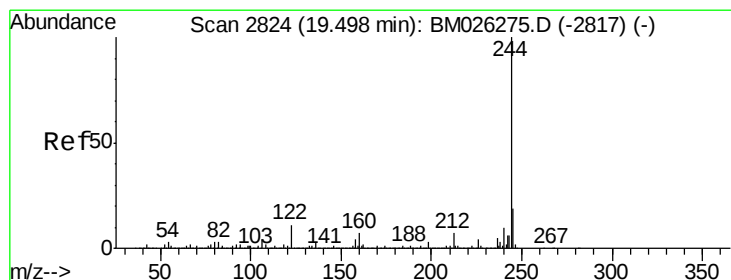
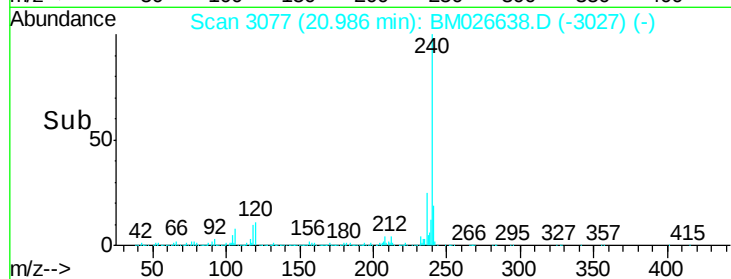
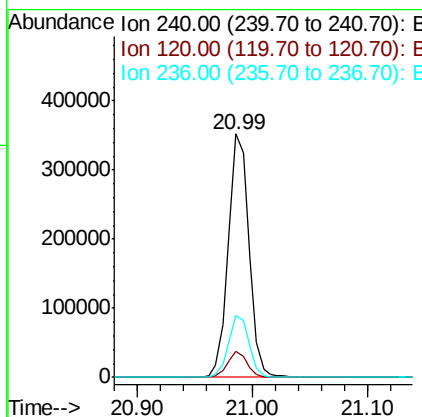
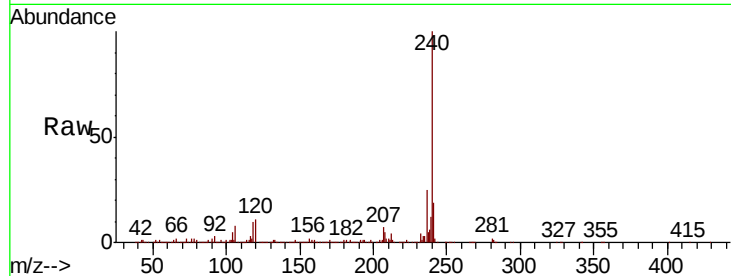
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Instrument :
BNA_M
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion	Ratio	Resp	Lower	Upper
240	100	437696		
120	10.6		9.3	13.9
236	25.4		19.4	29.0

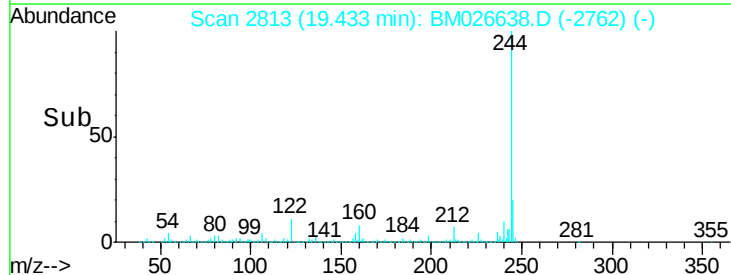
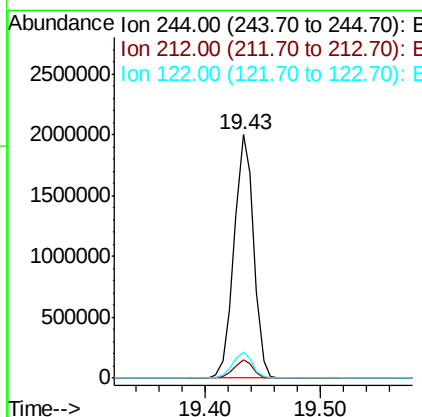
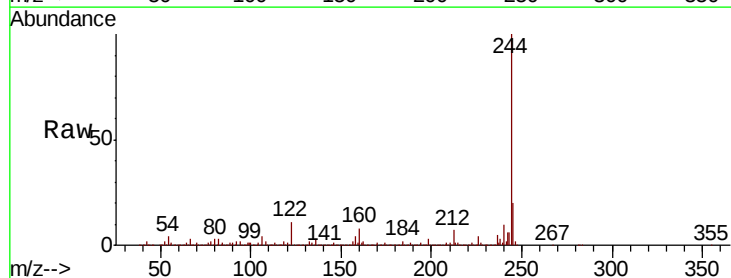
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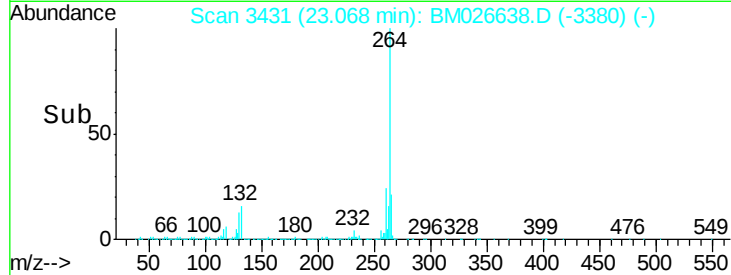
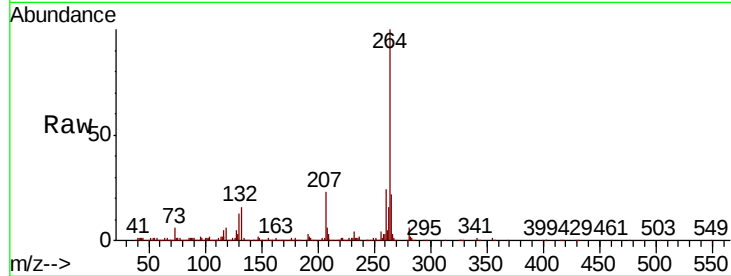
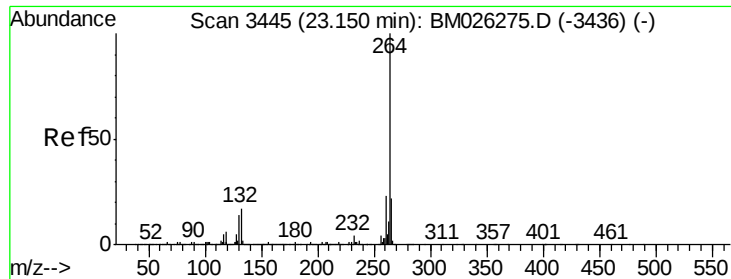
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#79
Terphenyl-d14
Concen: 103.866 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2341960		
212	7.4		5.9	8.9
122	10.9		8.6	13.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.00 min
Lab File: BM026638.D
Acq: 01 Jul 2020 15:58

Instrument :
BNA_M
ClientSampleId :
EPEC-POLYMERS-04

Tot Ion:	264	Resp:	466075
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	21.8	17.8	26.6

Manual Integrations
APPROVED

Sohil
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