

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017202.D
 Acq On : 18 Oct 2018 20:45
 Operator : MJ/SJ
 Sample : J5549-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45

Quant Time: Oct 19 13:51:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

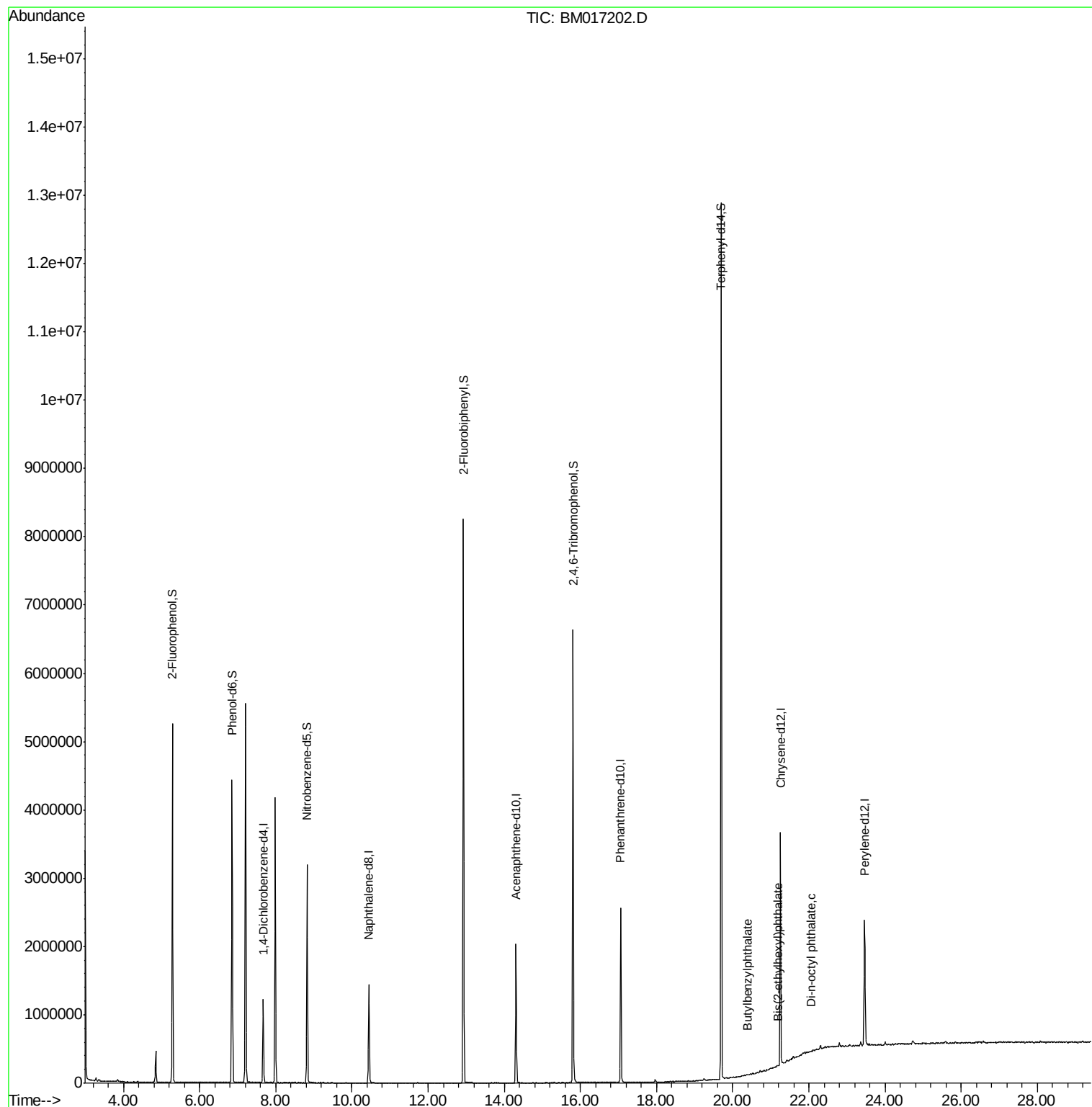
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	310301	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1175740	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	664557	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1505541	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1468951	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1350736	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2024964	110.37	ng	0.00
7) Phenol-d6	6.85	99	2376834	95.12	ng	0.00
23) Nitrobenzene-d5	8.82	82	1790631	89.07	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1154046	128.41	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4088542	81.86	ng	0.00
79) Terphenyl-d14	19.70	244	5878927	90.21	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	20.39	149	738	7.196	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.18	149	1961	5.344	ng	# 80
85) Di-n-octyl phthalate	22.04	149	611	5.578	ng	# 1

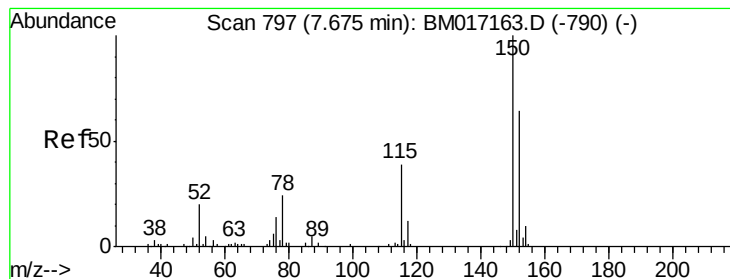
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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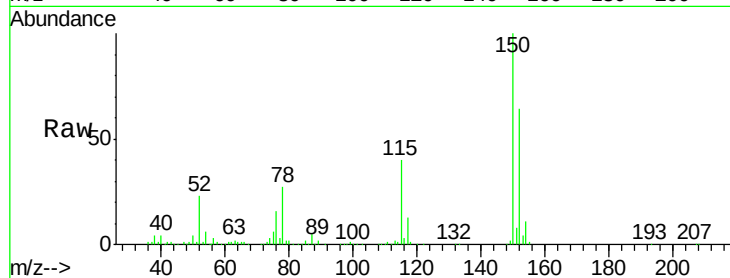


#1

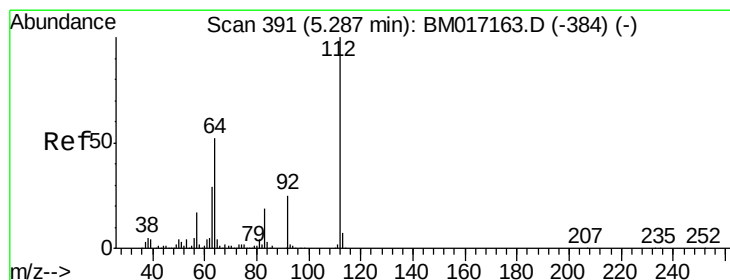
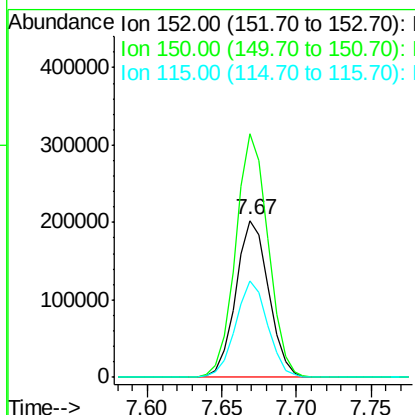
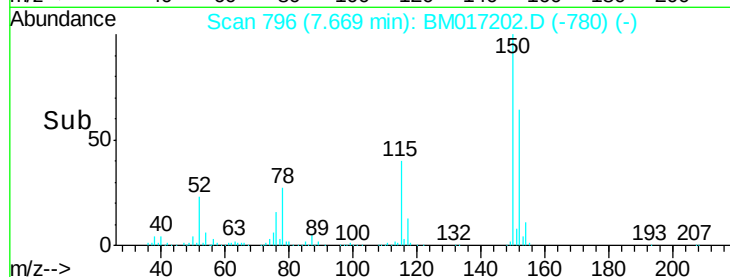
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion:152 Resp: 310301
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 61.7 48.1 72.1



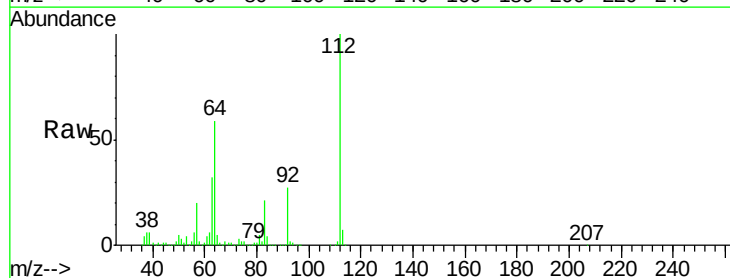
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



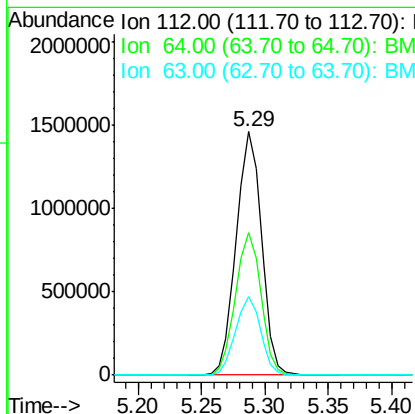
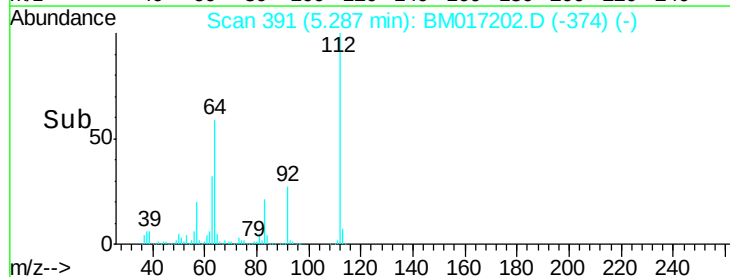
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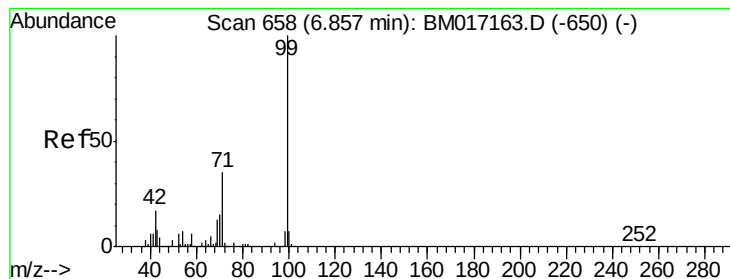
2-Fluorophenol
Concen: 110.373 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:112 Resp: 2024964
Ion Ratio Lower Upper
112 100
64 58.6 41.7 62.5
63 32.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 95.123 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017202.D

Acq: 18 Oct 2018 20:45

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45

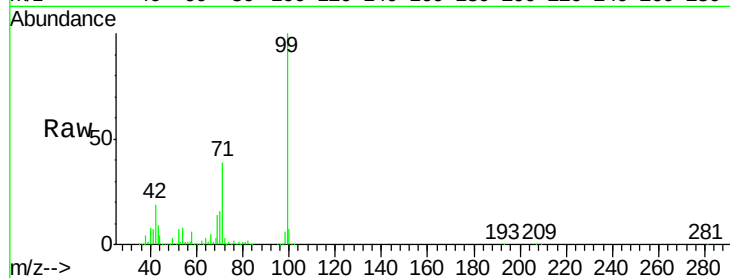
Tgt Ion: 99 Resp: 2376834

Ion Ratio Lower Upper

99 100

42 19.4 13.3 19.9

71 39.2 28.0 42.0

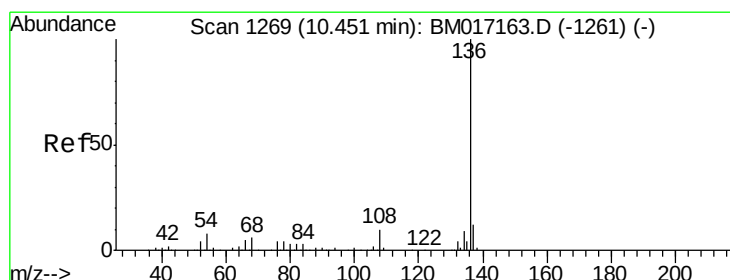
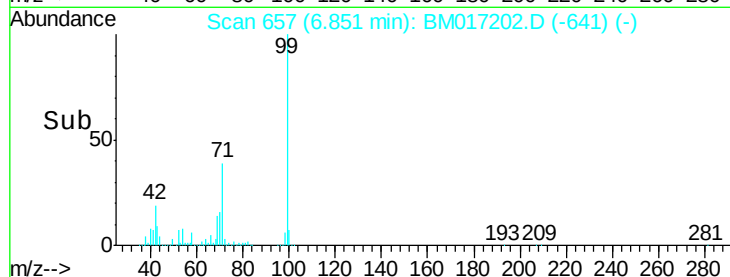
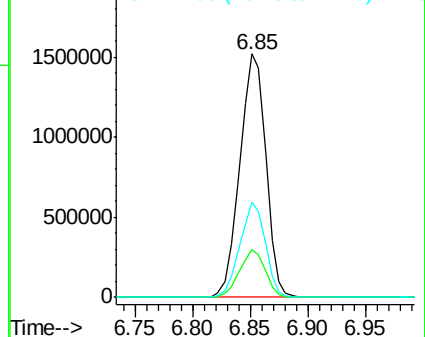


Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017202.D

Acq: 18 Oct 2018 20:45

Tgt Ion: 136 Resp: 1175740

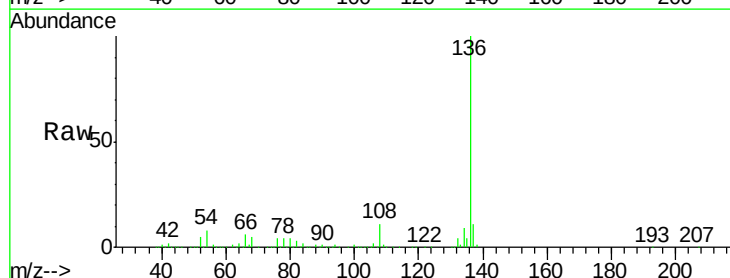
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.7 6.7 10.1

68 5.3 4.7 7.1



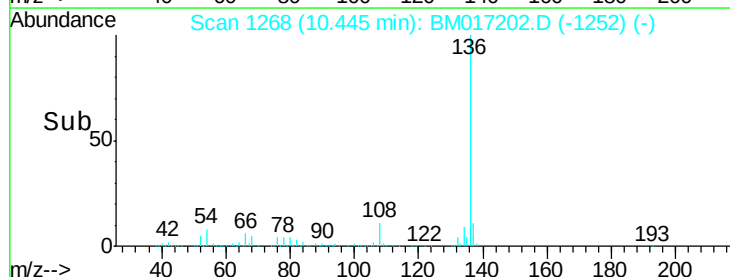
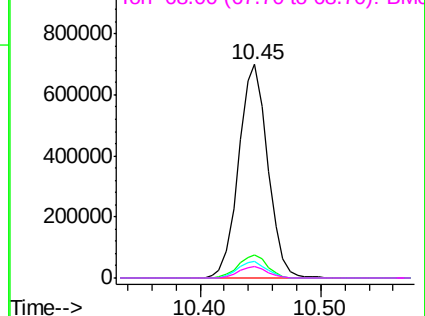
Abundance

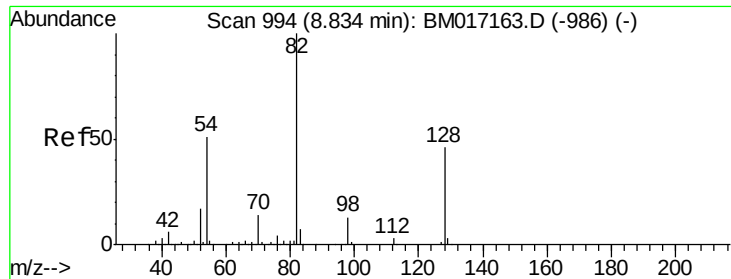
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

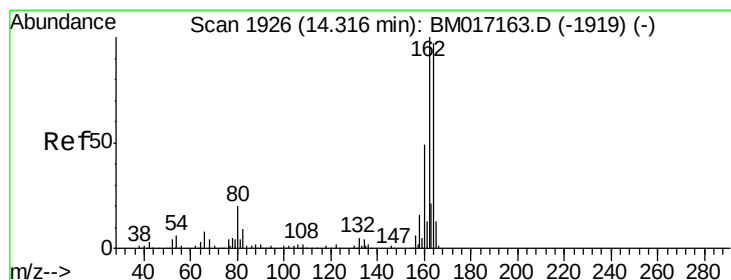
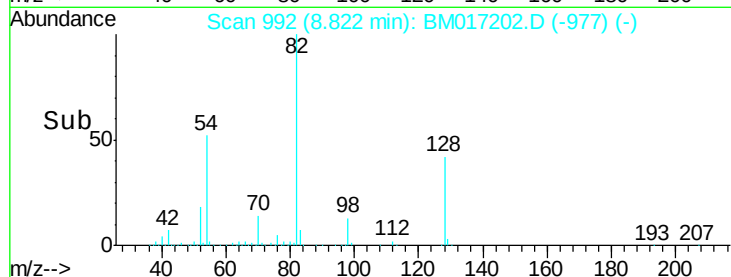
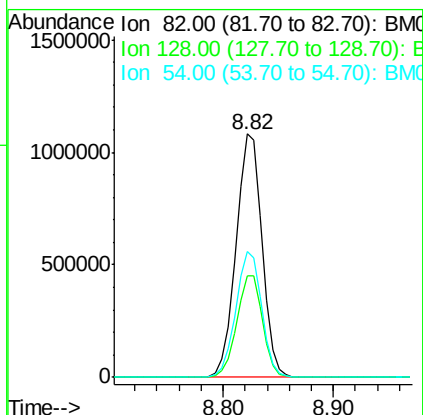
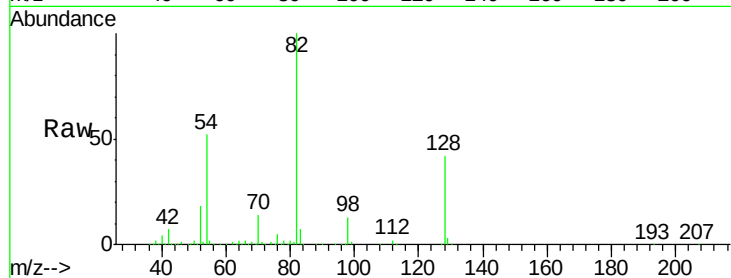




#23
 Nitrobenzene-d5
 Concen: 89.073 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017202.D
 Acq: 18 Oct 2018 20:45

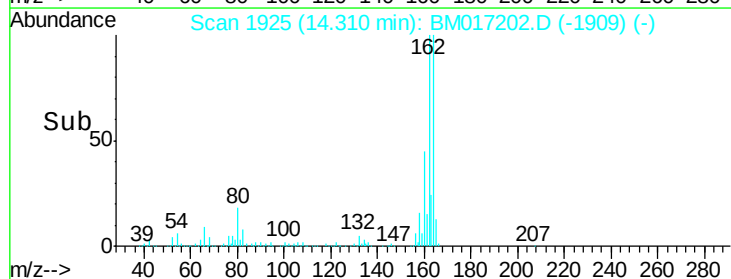
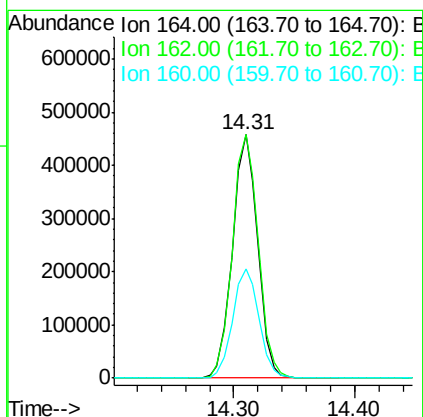
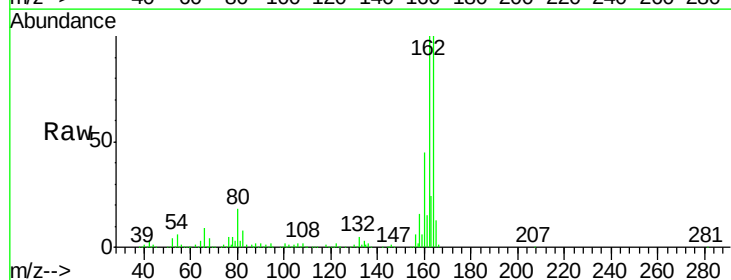
Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45

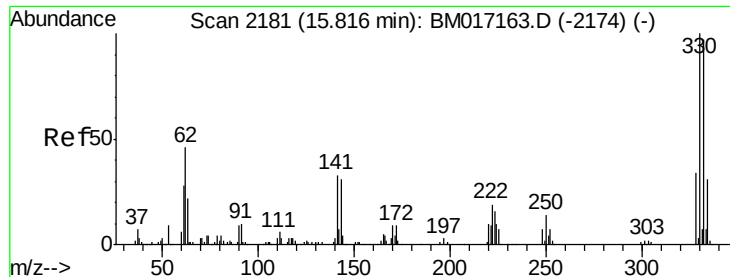
Tgt Ion: 82 Resp: 1790631
 Ion Ratio Lower Upper
 82 100
 128 41.8 37.0 55.6
 54 51.8 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM017202.D
 Acq: 18 Oct 2018 20:45

Tgt Ion: 164 Resp: 664557
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.1 123.1
 160 45.1 40.2 60.2

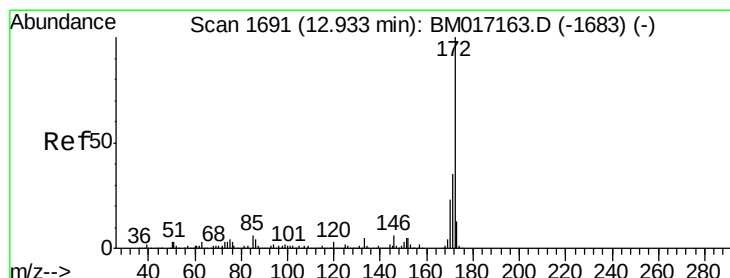
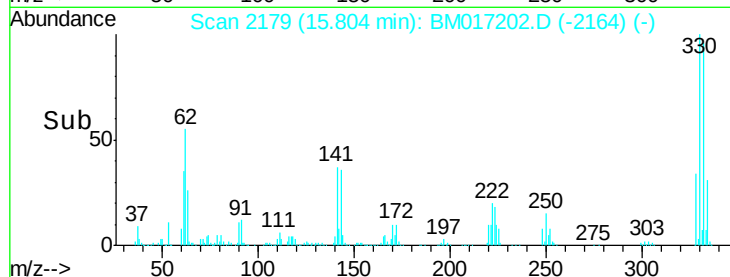
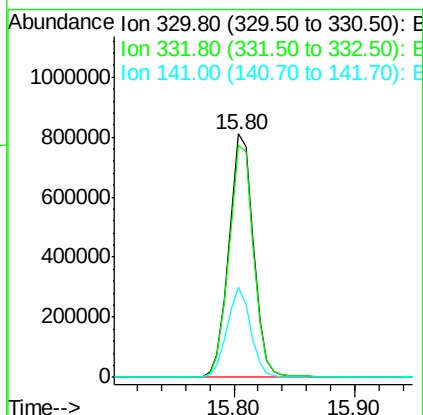
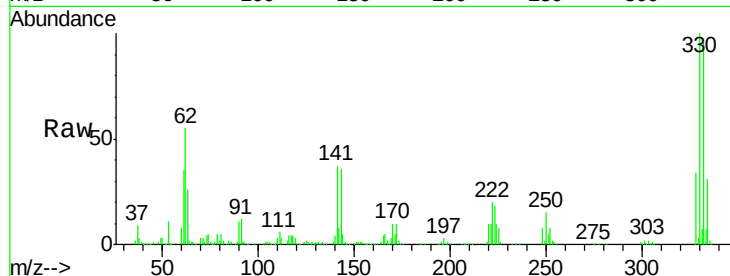




#42
 2,4,6-Tribromophenol
 Concen: 128.411 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017202.D
 Acq: 18 Oct 2018 20:45

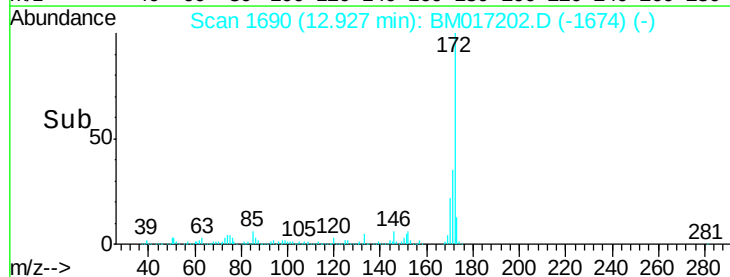
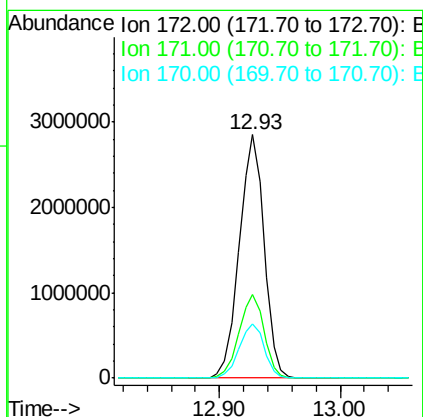
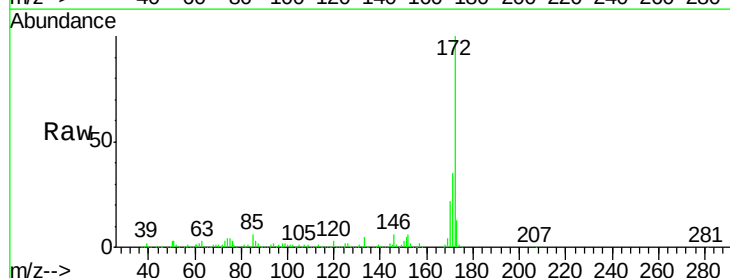
Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45

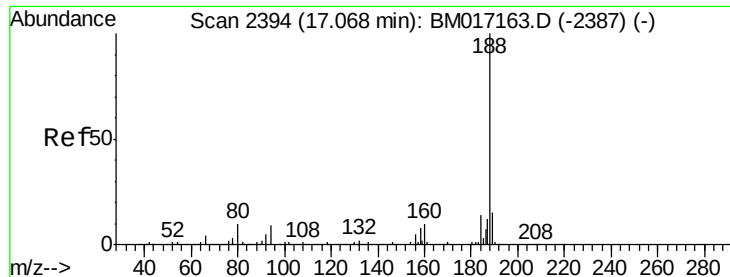
Tgt Ion:330 Resp: 1154046
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 35.4 27.4 41.0



#45
 2-Fluorobiphenyl
 Concen: 81.859 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017202.D
 Acq: 18 Oct 2018 20:45

Tgt Ion:172 Resp: 4088542
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 22.5 18.3 27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017202.D

Acq: 18 Oct 2018 20:45

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45

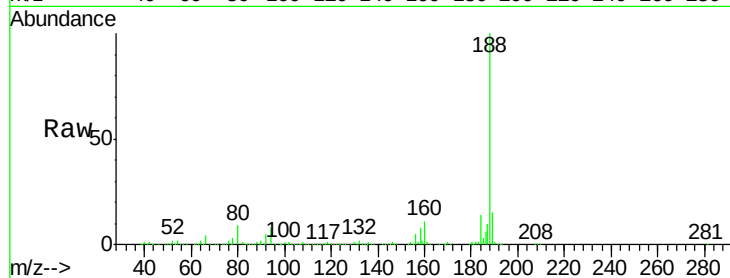
Tgt Ion:188 Resp: 1505541

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

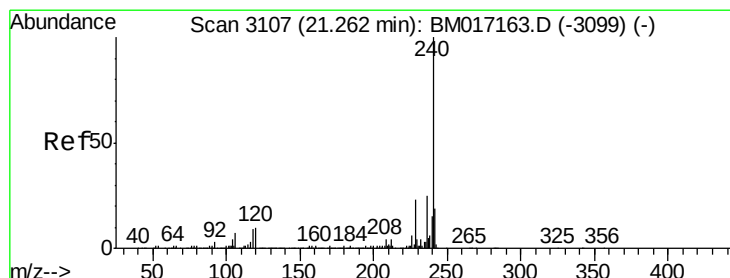
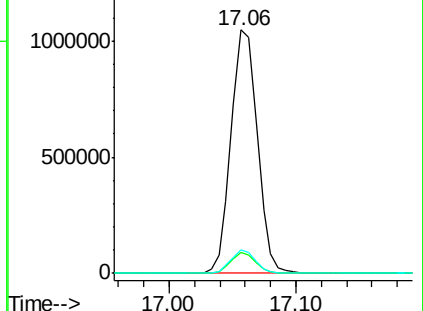
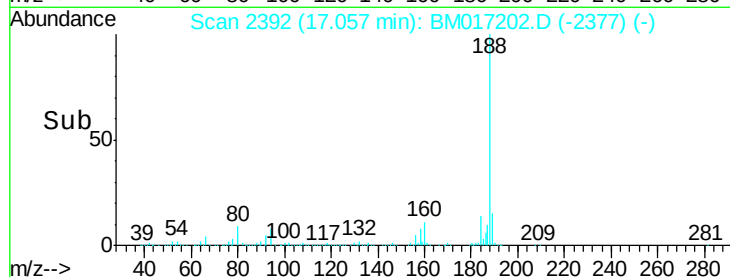
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017202.D

Acq: 18 Oct 2018 20:45

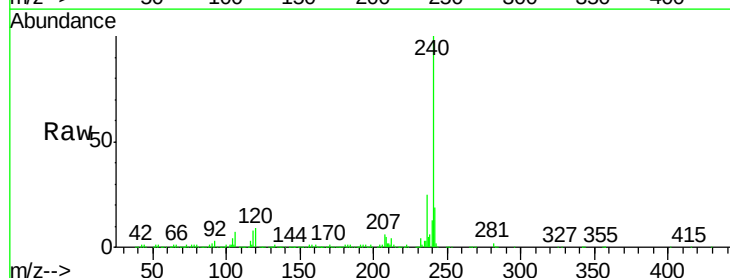
Tgt Ion:240 Resp: 1468951

Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

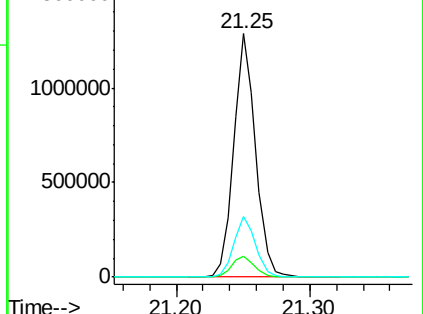
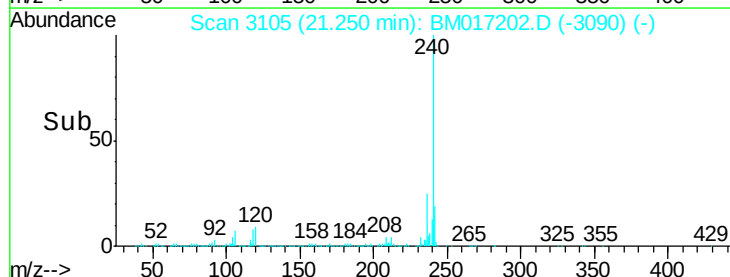
236 24.8 19.9 29.9

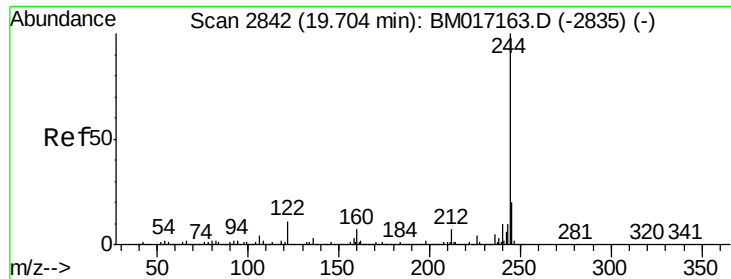


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.208 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017202.D

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ClientSampleId :

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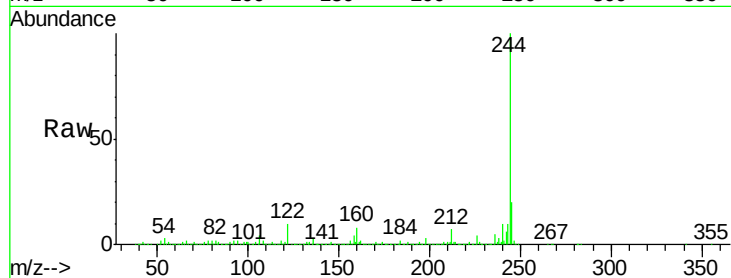
Tgt Ion:244 Resp: 5878927

Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

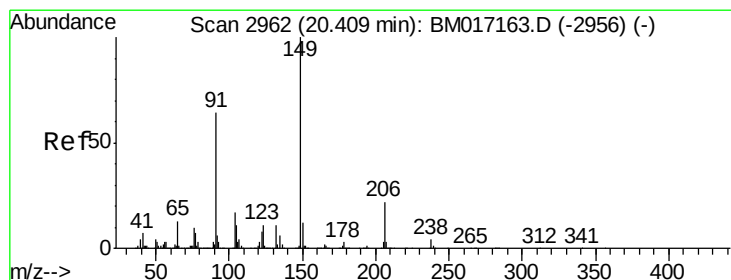
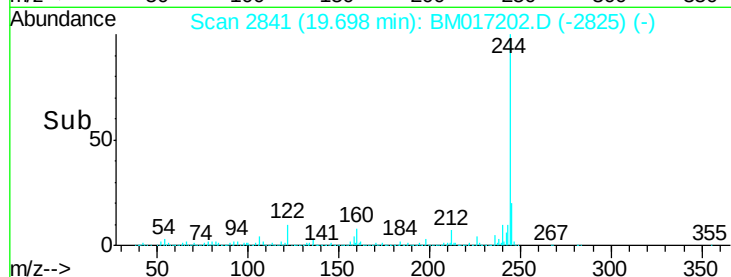
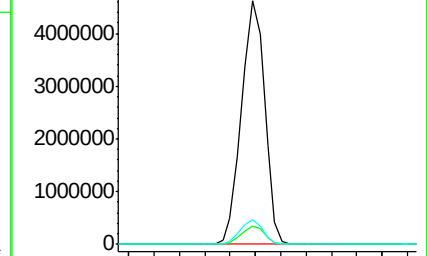
122 10.4 8.4 12.6



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: 7.196 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017202.D

Acq: 18 Oct 2018 20:45

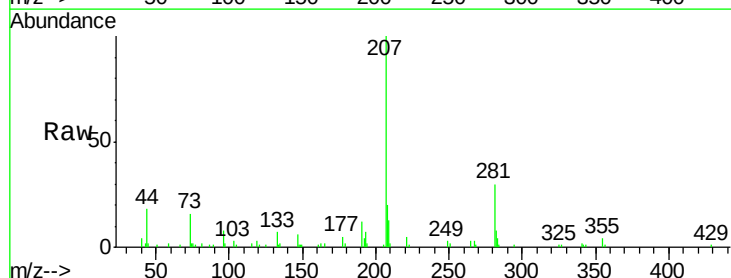
Tgt Ion:149 Resp: 738

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

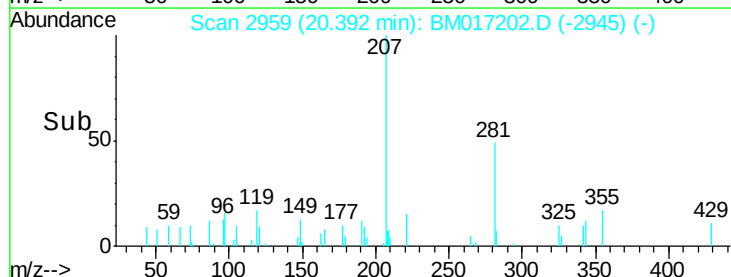
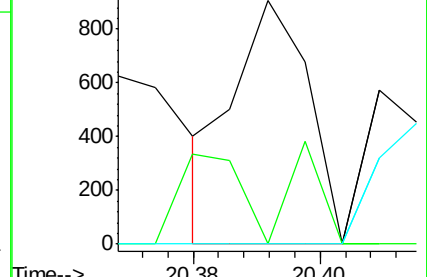
206 0.0 18.0 27.0#

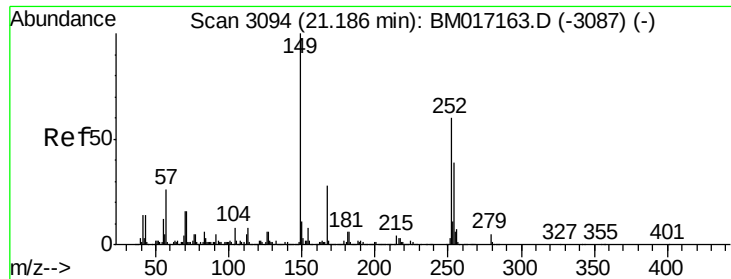


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

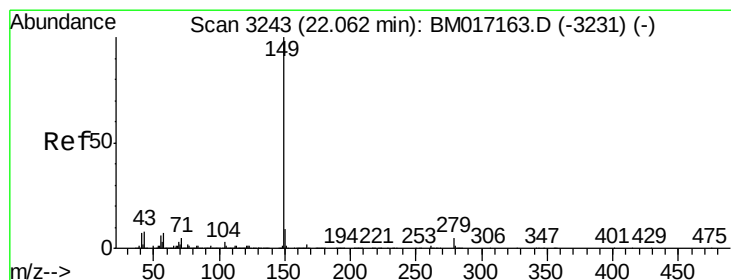
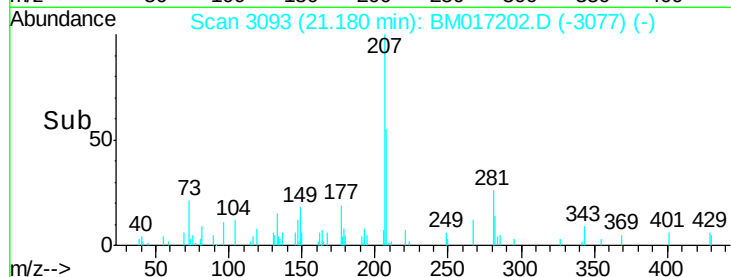
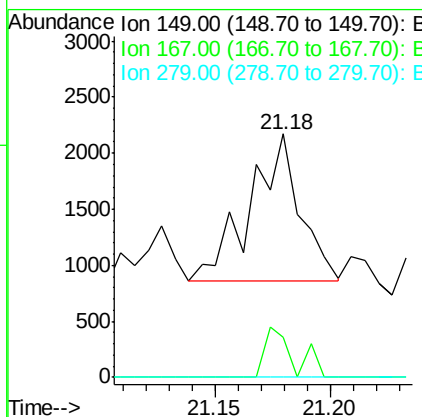
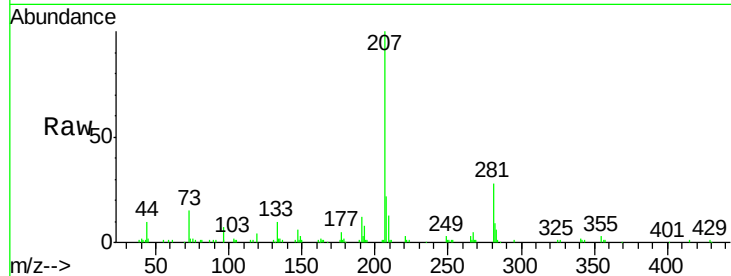




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.344 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017202.D
 Acq: 18 Oct 2018 20:45

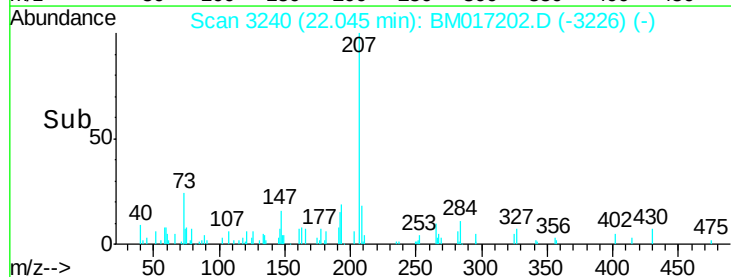
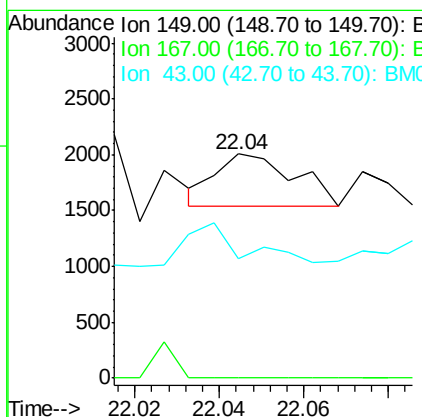
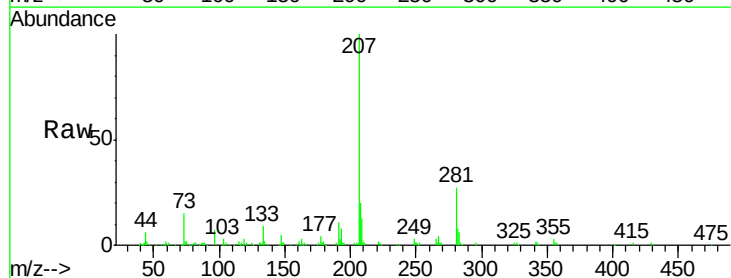
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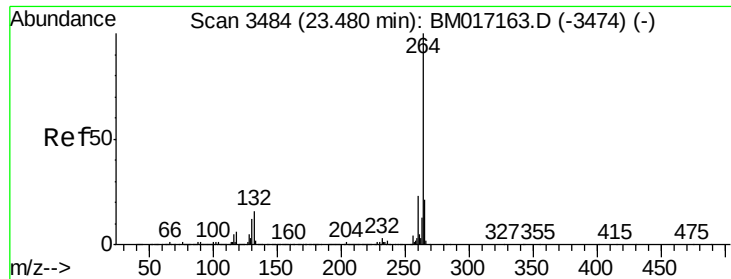
Tgt Ion:149 Resp: 1961
 Ion Ratio Lower Upper
 149 100
 167 16.5 22.2 33.4#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.578 ng
 RT: 22.04 min Scan# 3240
 Delta R.T. -0.02 min
 Lab File: BM017202.D
 Acq: 18 Oct 2018 20:45

Tgt Ion:149 Resp: 611
 Ion Ratio Lower Upper
 149 100
 167 19.0 1.4 2.0#
 43 84.8 7.2 10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion: 264 Resp: 1350736

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.1	17.8	26.8

