

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017599.D
 Acq On : 09 Nov 2018 19:48
 Operator : MJ/SJ
 Sample : J5863-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263

Quant Time: Nov 12 00:32:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

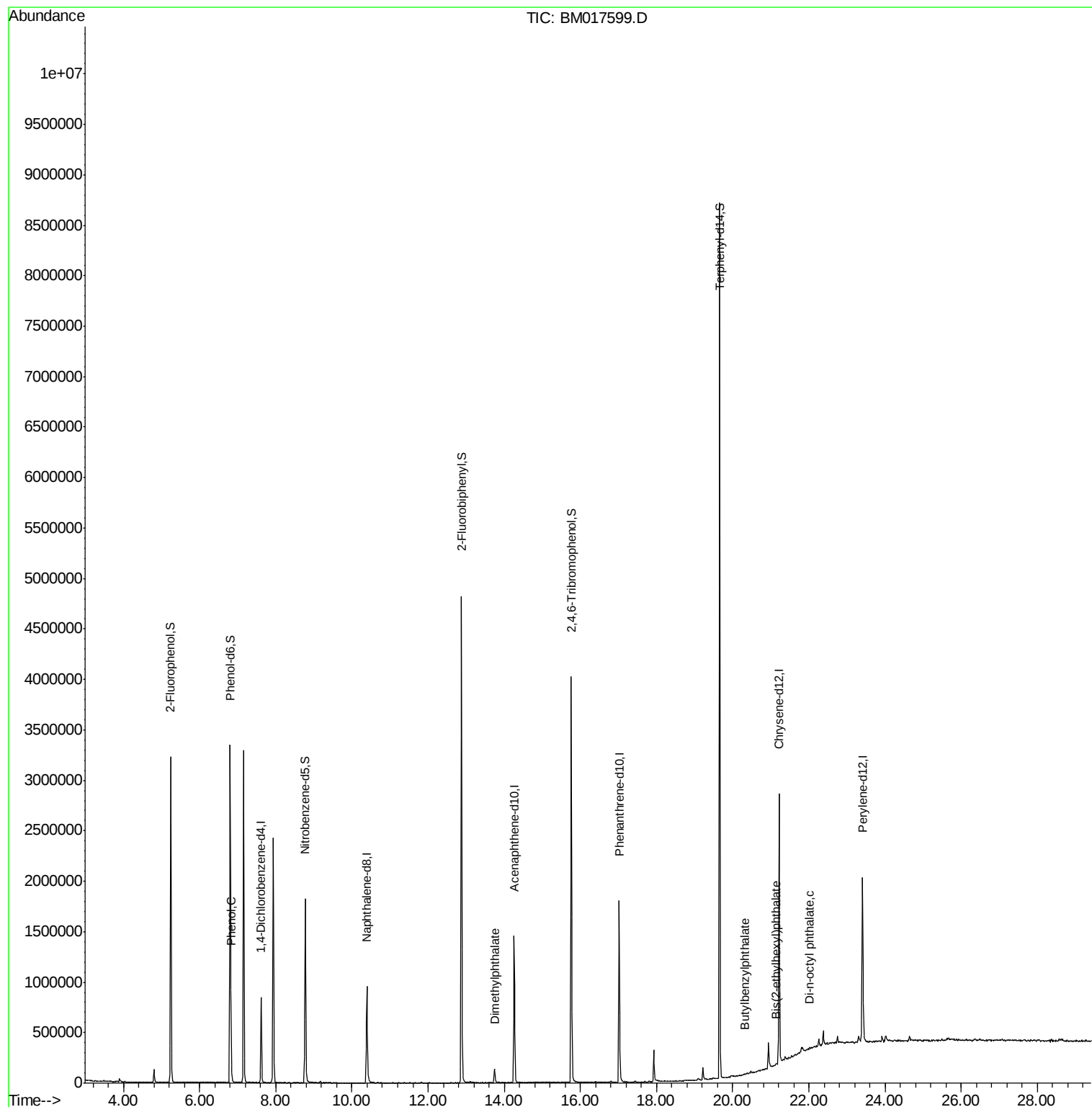
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	216579	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	857480	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	502117	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1172706	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1266374	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1169235	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1246399	97.34	ng	-0.02
7) Phenol-d6	6.80	99	1712174	98.18	ng	-0.03
23) Nitrobenzene-d5	8.77	82	1062865	72.49	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	703107	103.54	ng	-0.03
45) 2-Fluorobiphenyl	12.87	172	2476258	65.62	ng	-0.03
79) Terphenyl-d14	19.66	244	3906179	69.53	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	94594	5.040	ng	Qvalue 83
50) Dimethylphthalate	13.74	163	115808	2.989	ng	99
80) Butylbenzylphthalate	20.33	149	1167	7.213	ng	# 73
84) Bis(2-ethylhexyl)phthalate	21.14	149	4790	5.411	ng	# 97
85) Di-n-octyl phthalate	22.01	149	1839	5.595	ng	# 35

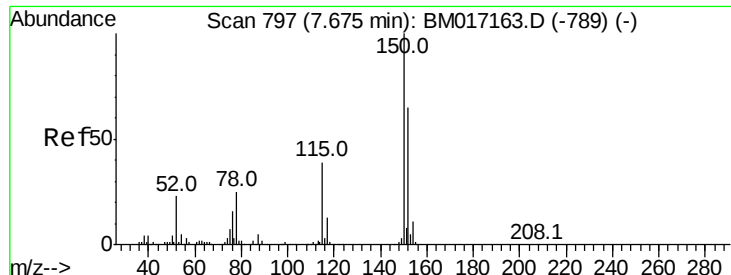
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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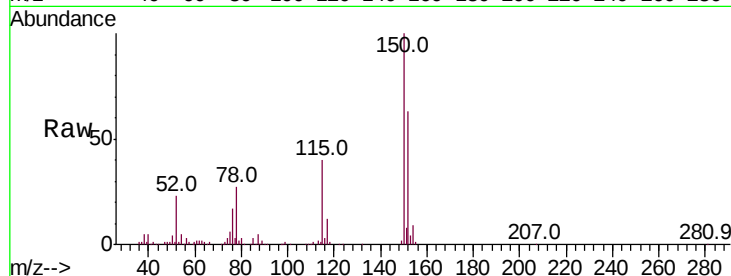


#1

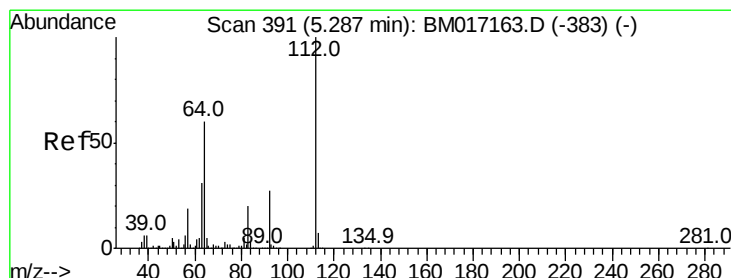
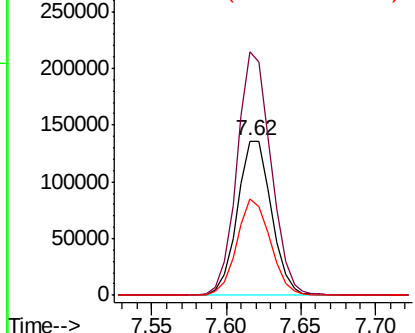
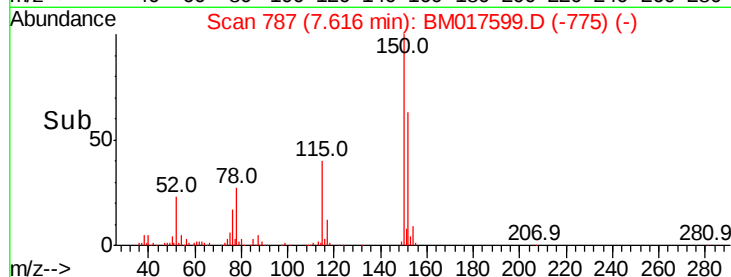
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017599.D
Acq: 09 Nov 2018 19:48

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.3	186.5
115	62.5	48.1	72.1



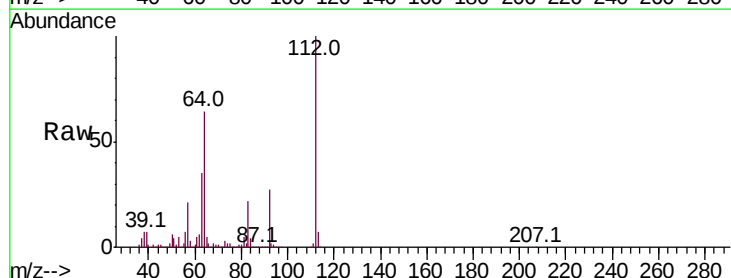
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



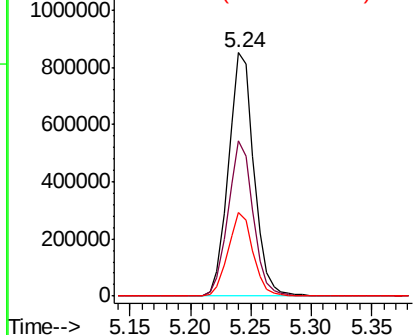
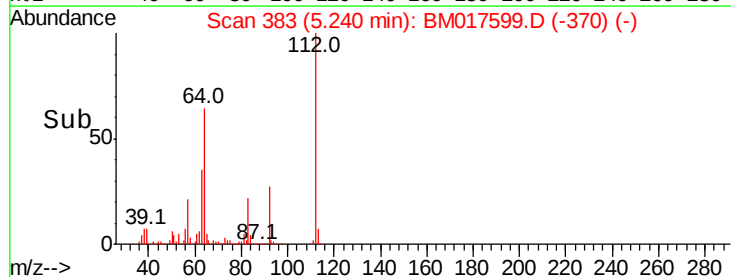
#5

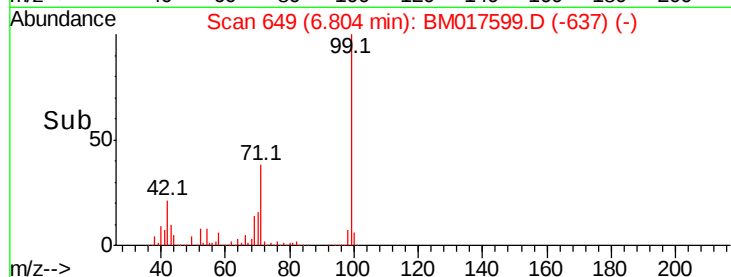
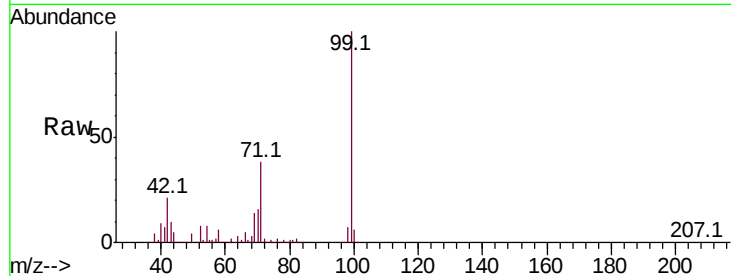
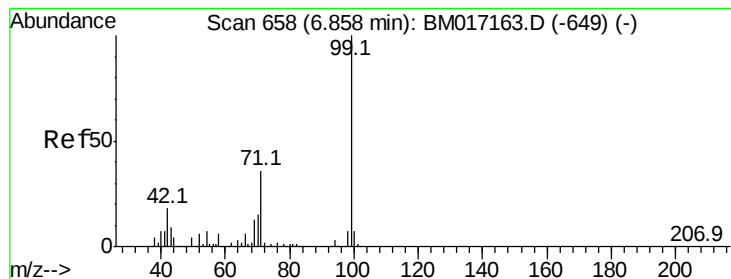
2-Fluorophenol
Concen: 97.335 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM017599.D
Acq: 09 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	41.7	62.5#
63	34.6	23.0	34.4#



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





#7

Phenol-d6

Concen: 98.175 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

Instrument :

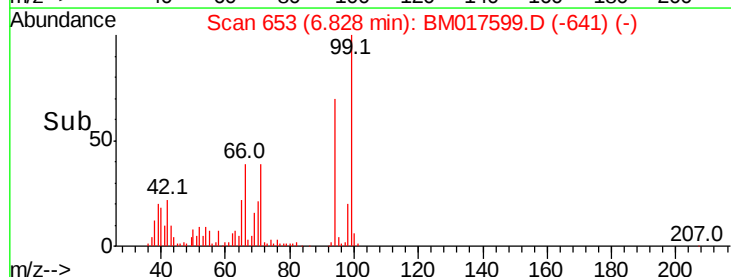
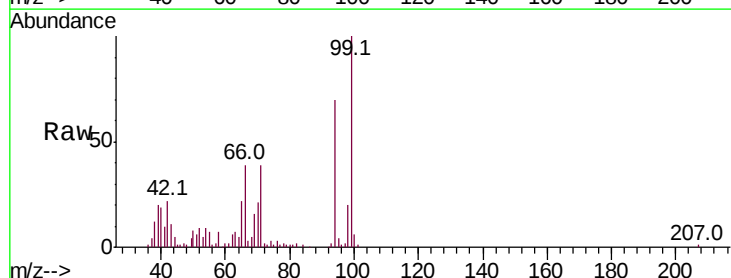
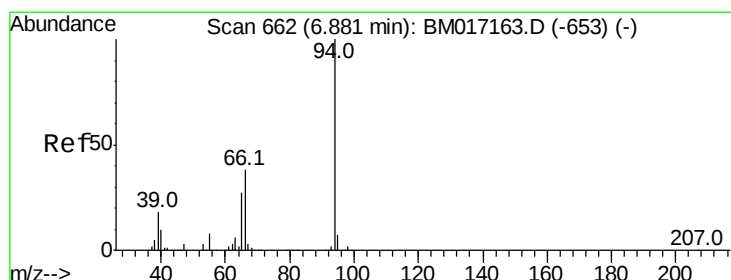
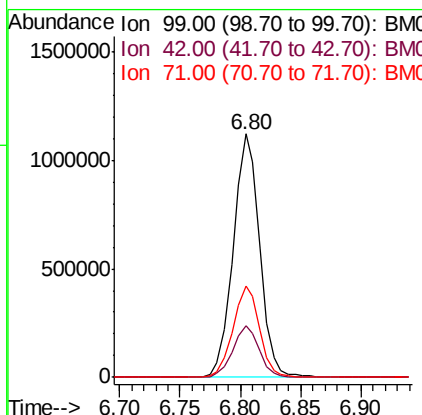
BNA_M

ClientSampled :

RT-3263

Tot Ion: 99 Resp: 1712174

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.3	19.9#
71	37.7	28.0	42.0



#10

Phenol

Concen: 5.040 ng

RT: 6.83 min Scan# 653

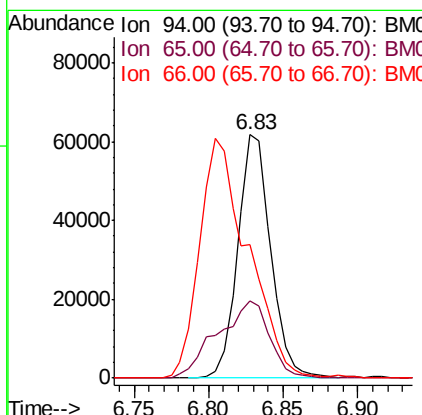
Delta R.T. -0.03 min

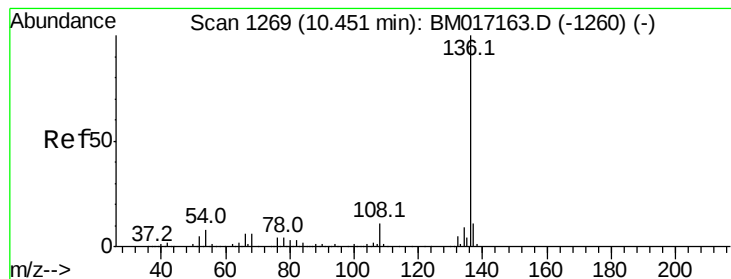
Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

Tgt Ion: 94 Resp: 94594

Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.4	49.4
66	54.9	19.0	59.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

Instrument :

BNA_M

ClientSampleId :

RT-3263

Tot Ion:136 Resp: 857480

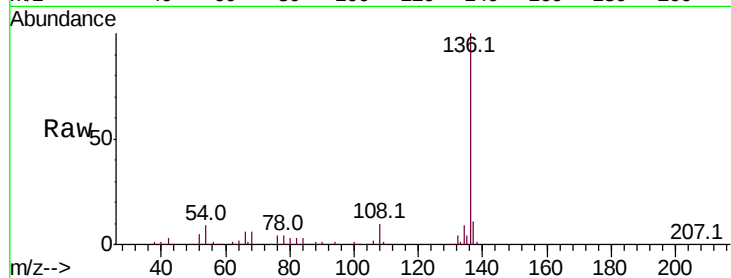
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.8 6.7 10.1

68 5.7 4.7 7.1

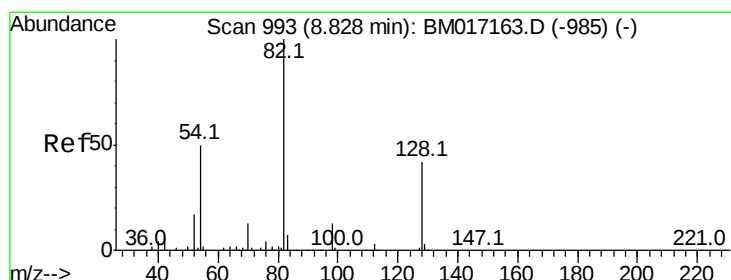
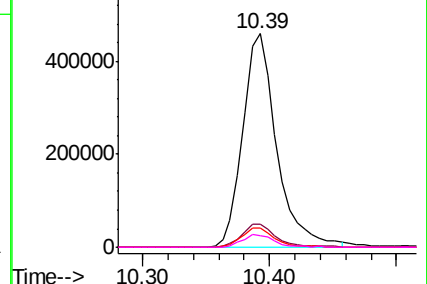
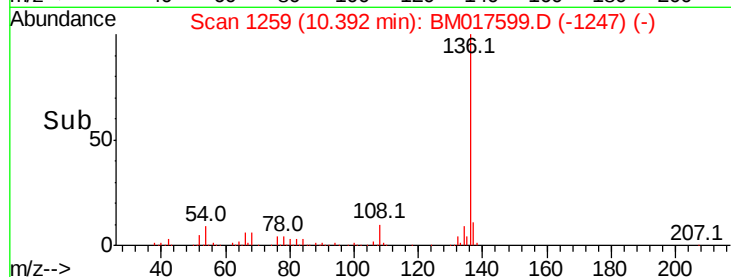


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 72.494 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

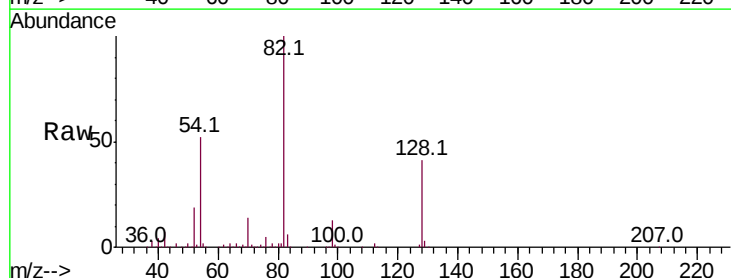
Tgt Ion: 82 Resp: 1062865

Ion Ratio Lower Upper

82 100

128 41.1 37.0 55.6

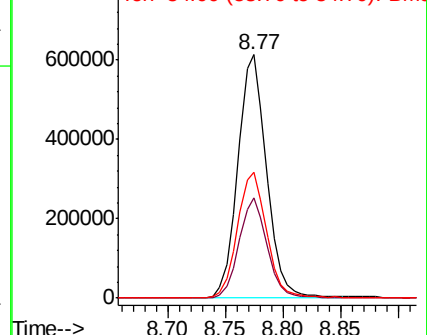
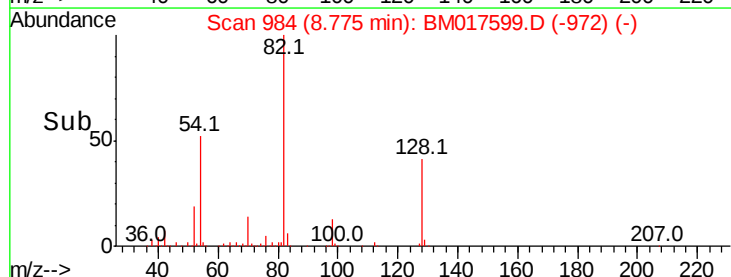
54 51.9 40.7 61.1

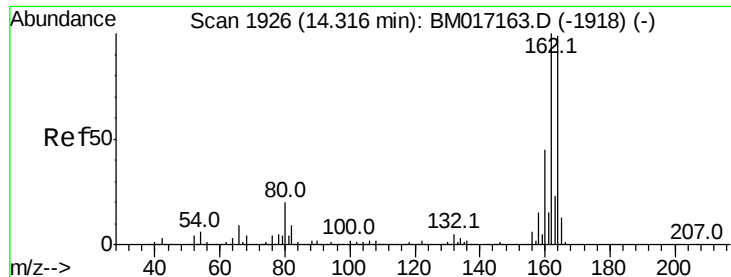


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

Instrument :

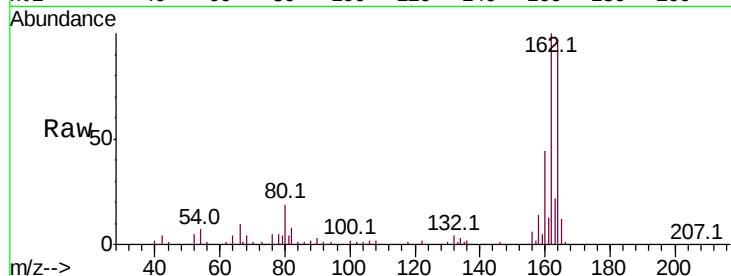
BNA_M

ClientSampleId :

RT-3263

Tot Ion:164 Resp: 502117

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	45.3	40.2	60.2

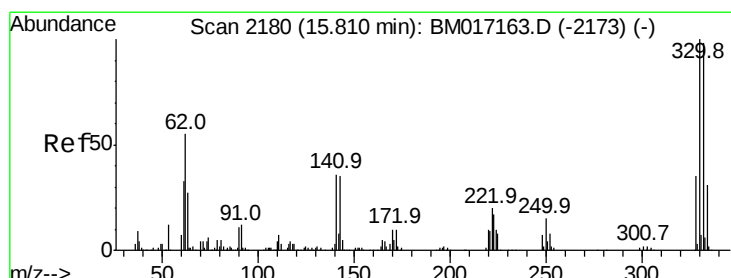
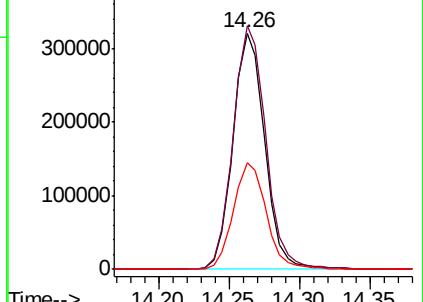
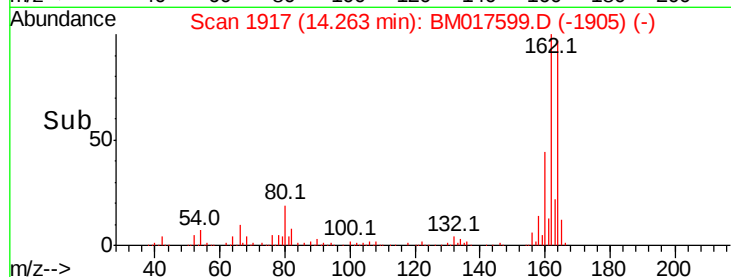


Abundance

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: 103.544 ng

RT: 15.76 min Scan# 2172

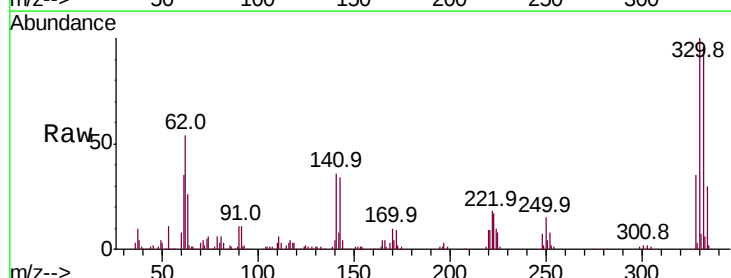
Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

Tgt Ion:330 Resp: 703107

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	36.6	27.4	41.0

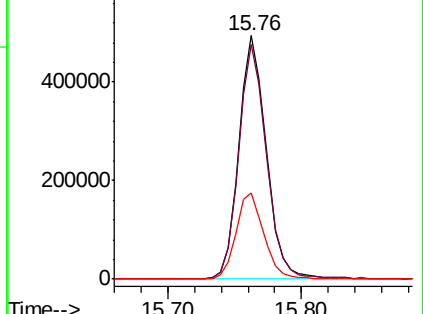
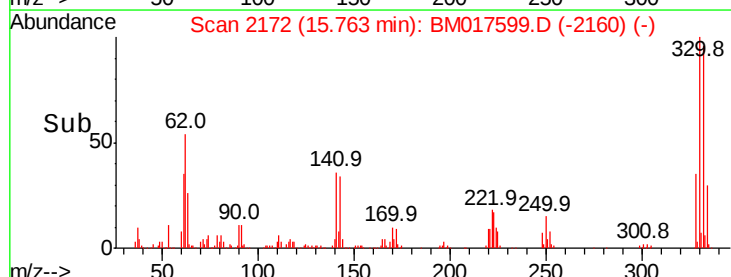


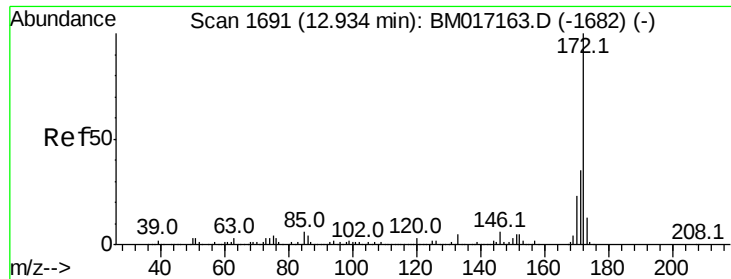
Abundance

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



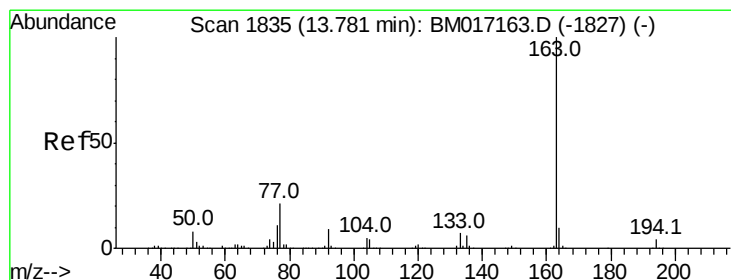
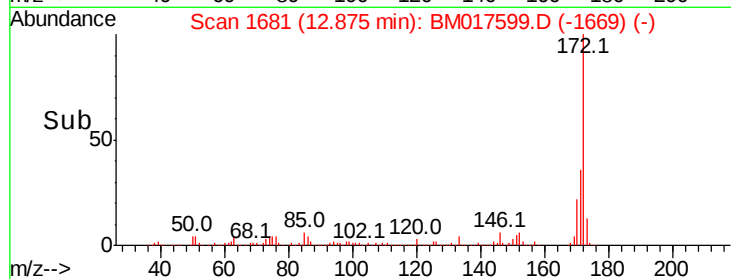
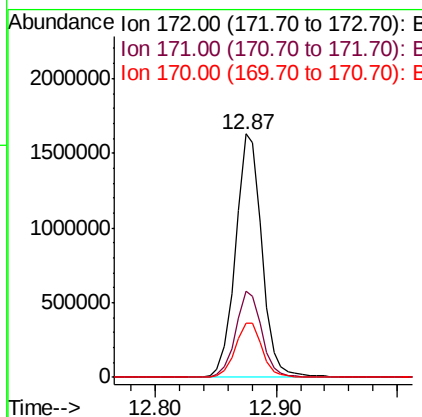
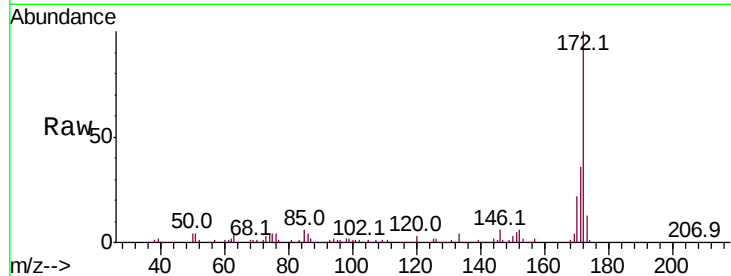


#45
 2-Fluorobiphenyl
 Concen: 65.618 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.03 min
 Lab File: BM017599.D
 Acq: 09 Nov 2018 19:48

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263

Tot Ion:172 Resp: 2476258

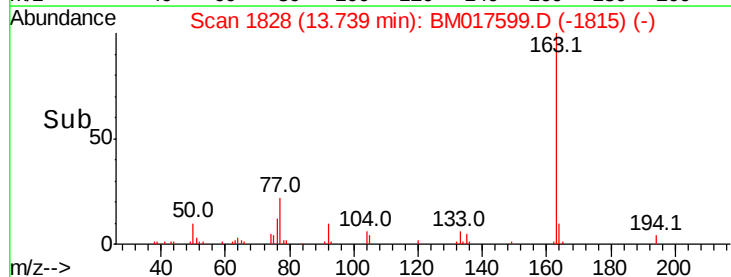
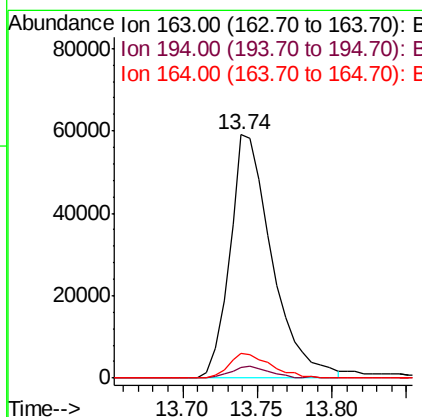
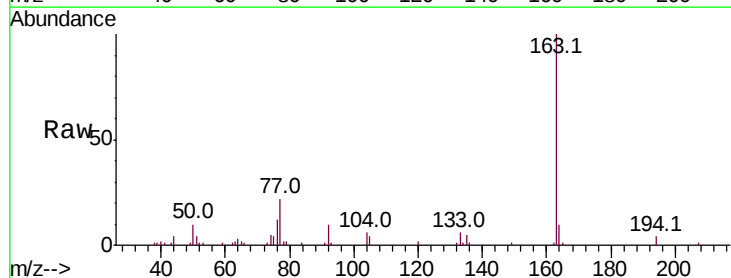
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	22.4	18.3	27.5

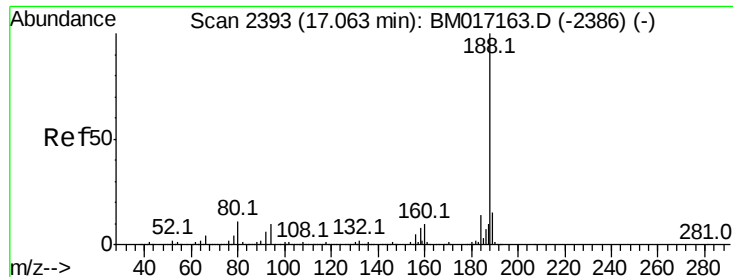


#50
 Dimethylphthalate
 Concen: 2.989 ng
 RT: 13.74 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BM017599.D
 Acq: 09 Nov 2018 19:48

Tgt Ion:163 Resp: 115808

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.2	7.8	11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

Instrument :

BNA_M

ClientSampleId :

RT-3263

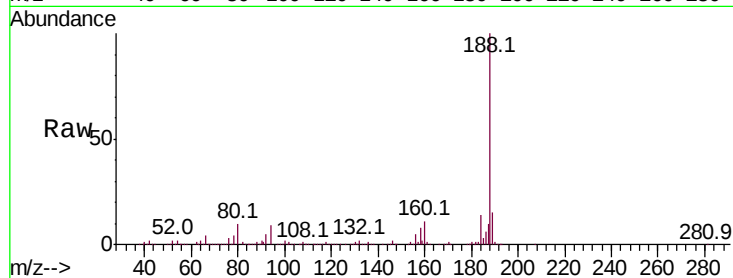
Tot Ion:188 Resp: 1172706

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

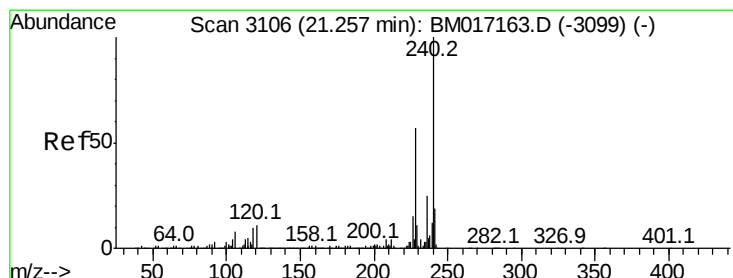
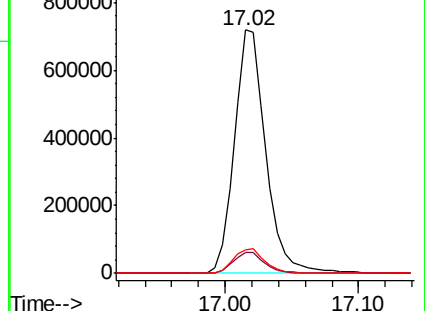
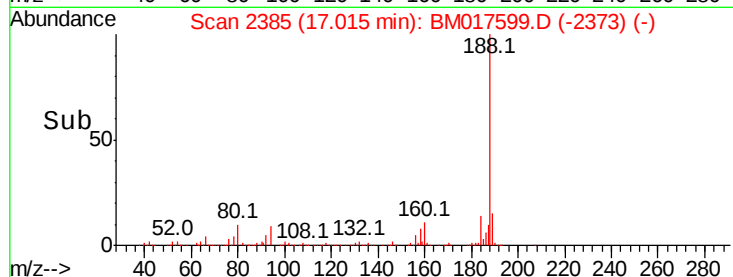
80 9.8 7.7 11.5



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: 21.22 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

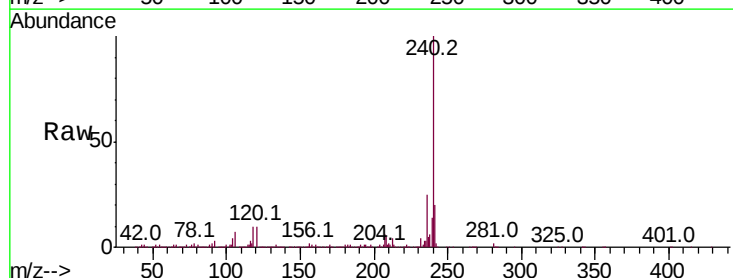
Tgt Ion:240 Resp: 1266374

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

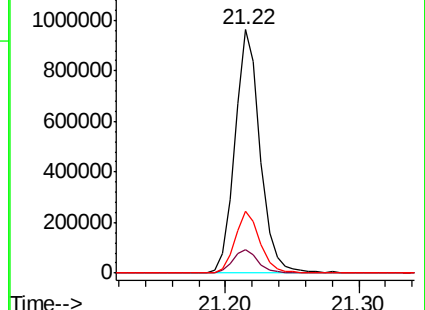
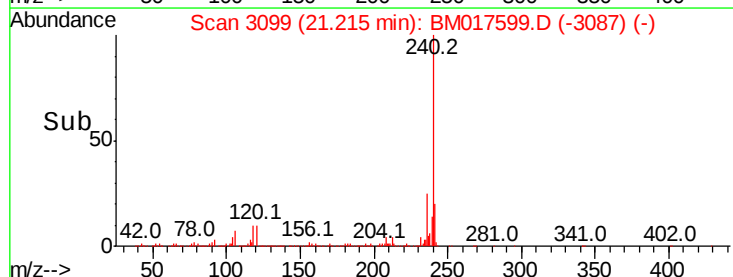
236 25.3 19.9 29.9

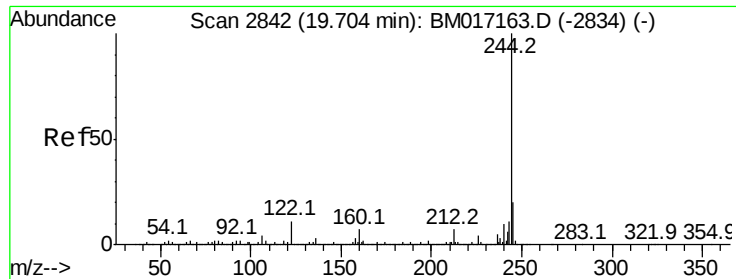


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.526 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

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BNA_M

ClientSampleId :

RT-3263

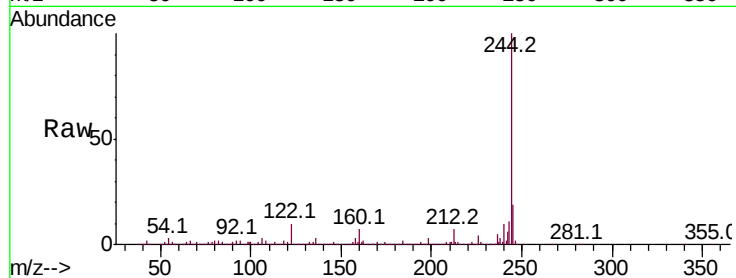
Tot Ion:244 Resp: 3906179

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

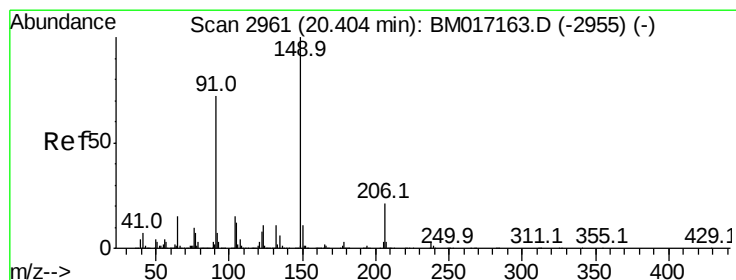
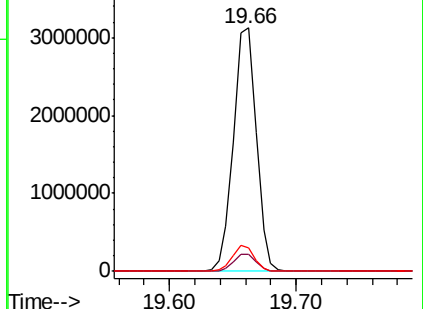
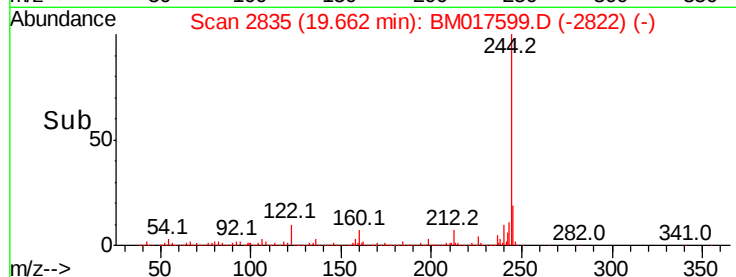
122 9.5 8.4 12.6



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: 7.213 ng

RT: 20.33 min Scan# 2948

Delta R.T. -0.06 min

Lab File: BM017599.D

Acq: 09 Nov 2018 19:48

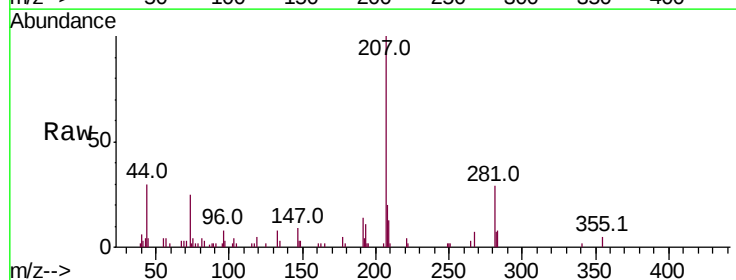
Tgt Ion:149 Resp: 1167

Ion Ratio Lower Upper

149 100

91 48.8 51.3 76.9#

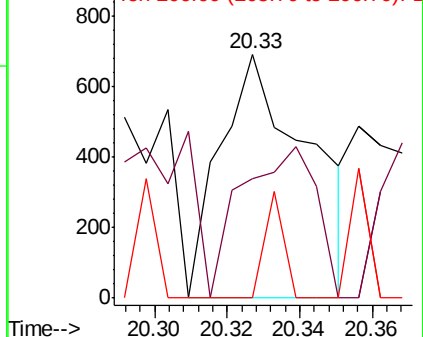
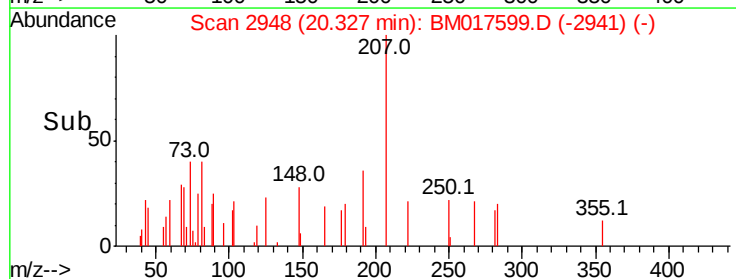
206 0.0 18.0 27.0#

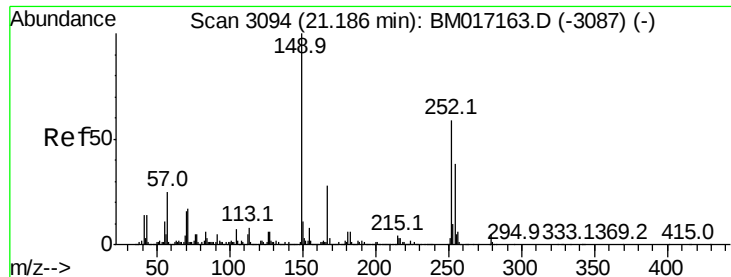


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

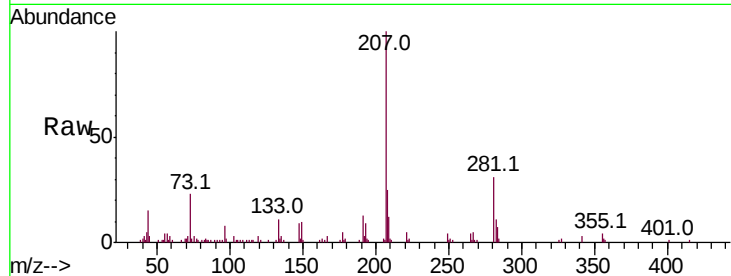




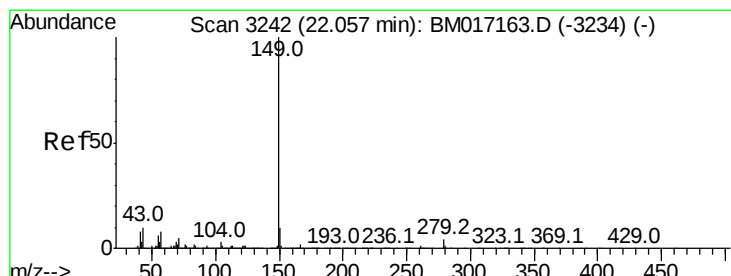
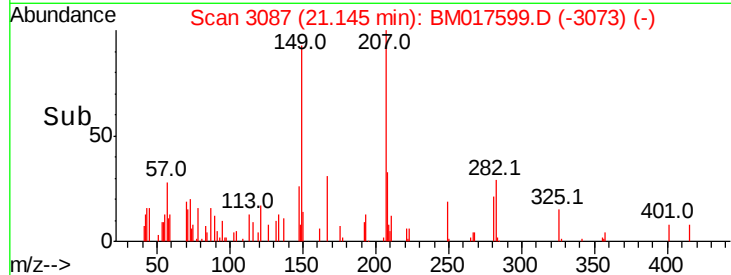
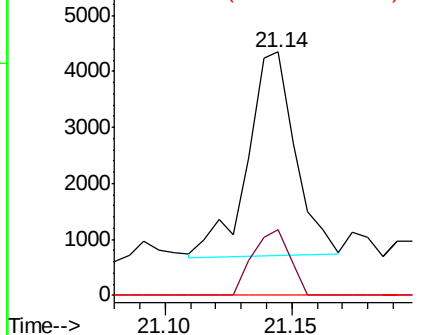
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.411 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017599.D
 Acq: 09 Nov 2018 19:48

Instrument :
 BNA_M
 ClientSampled :
 RT-3263

Tot Ion:149 Resp: 4790
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.4
 279 0.0 3.6 5.4#

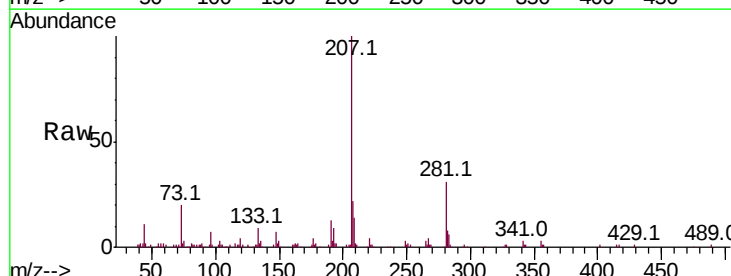


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

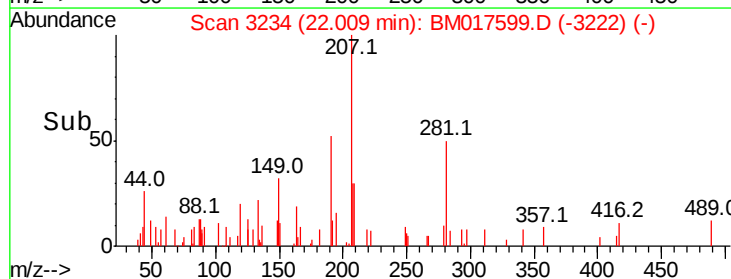
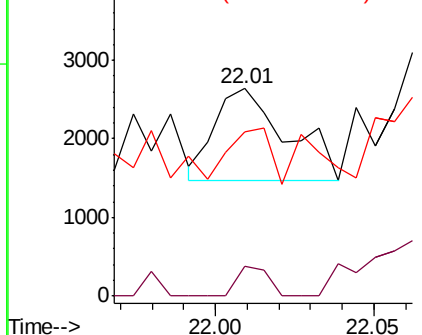


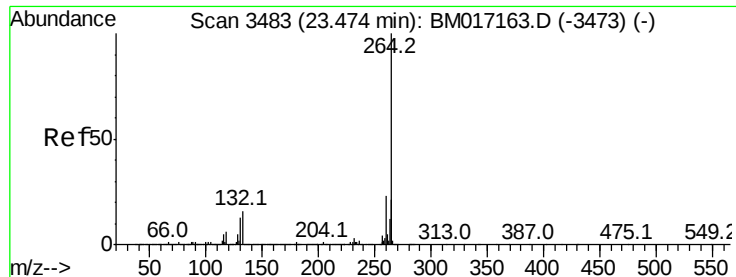
#85
 Di-n-octyl phthalate
 Concen: 5.595 ng
 RT: 22.01 min Scan# 3234
 Delta R.T. -0.03 min
 Lab File: BM017599.D
 Acq: 09 Nov 2018 19:48

Tgt Ion:149 Resp: 1839
 Ion Ratio Lower Upper
 149 100
 167 13.5 1.4 2.0#
 43 34.6 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.04 min
Lab File: BM017599.D
Acq: 09 Nov 2018 19:48

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tot Ion:264 Resp: 1169235

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	22.1	17.8	26.8

