

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017355.D
 Acq On : 26 Oct 2018 19:22
 Operator : MJ/SJ
 Sample : J5204-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:49:30 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

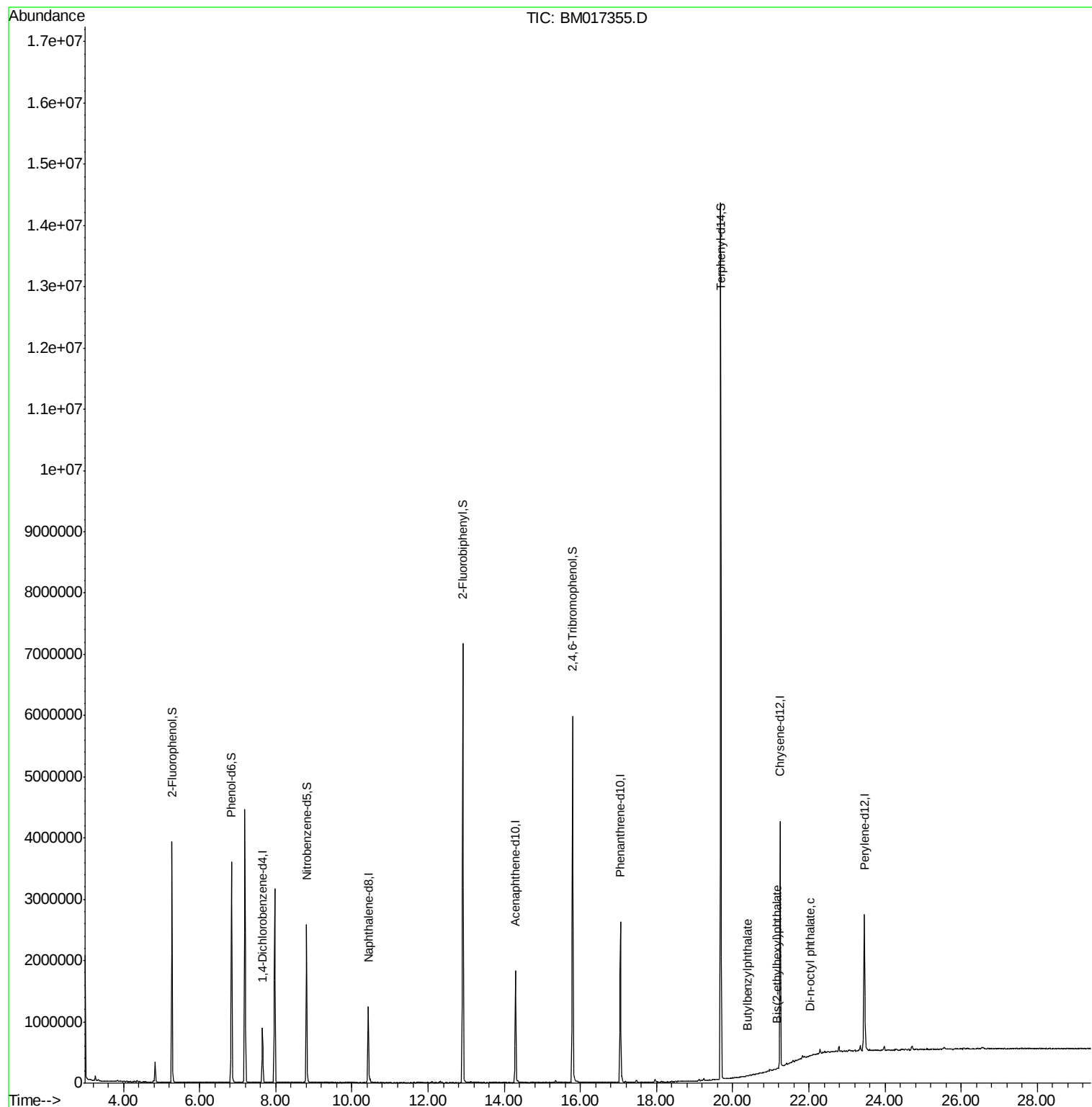
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	240637	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1010906	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	631222	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1605878	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1868945	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1679780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1590306	111.78	ng	-0.01
7) Phenol-d6	6.84	99	1987177	102.55	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1485530	85.94	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1164442	136.41	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3655812	77.06	ng	-0.02
79) Terphenyl-d14	19.69	244	6695000	80.74	ng	-0.01
Target Compounds						
80) Butylbenzylphthalate	20.39	149	2416	7.228	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.17	149	2771	5.348	ng	# 70
85) Di-n-octyl phthalate	22.03	149	2072	5.589	ng	# 89

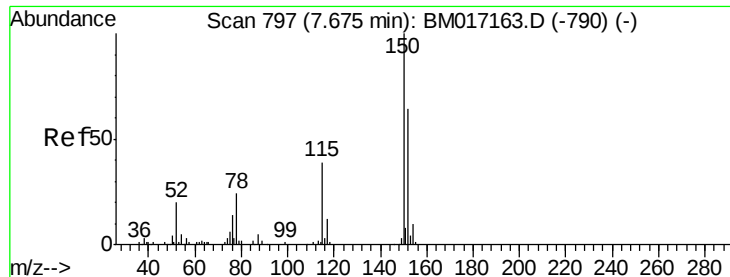
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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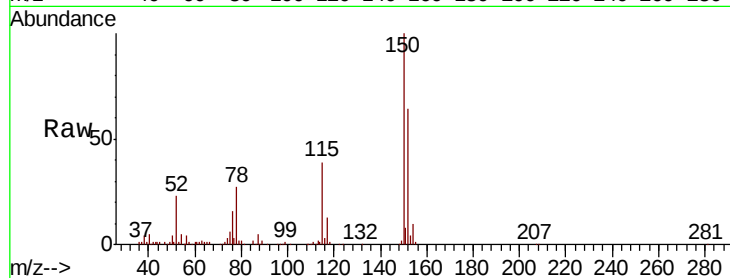


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.3	186.5
115	60.6	48.1	72.1

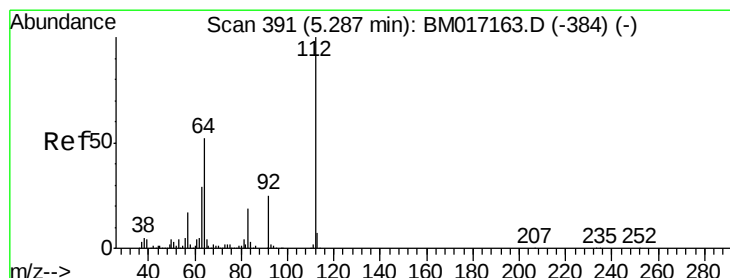
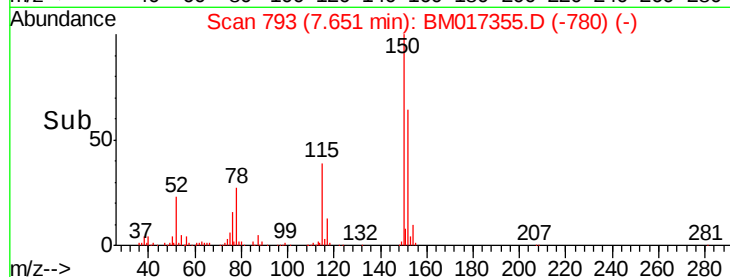
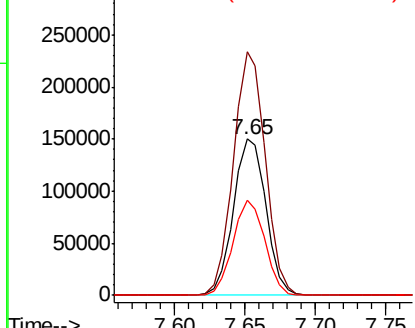


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

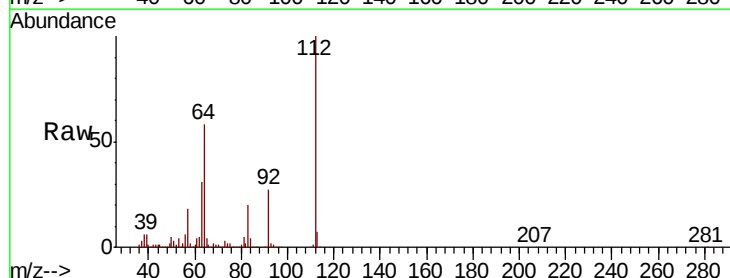
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.776 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	41.7	62.5
63	30.7	23.0	34.4

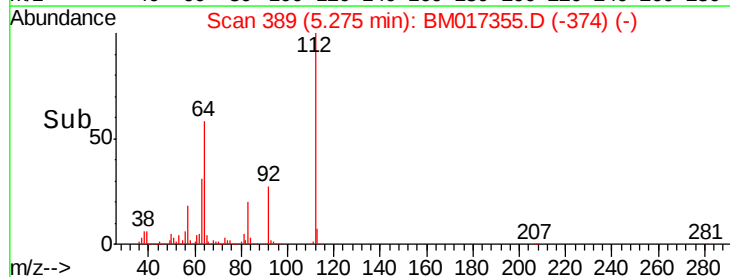
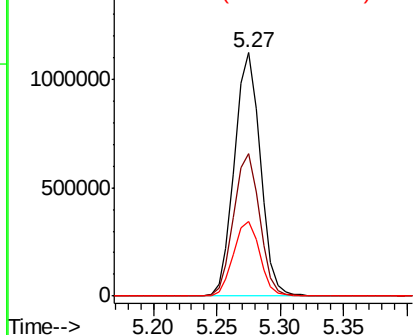


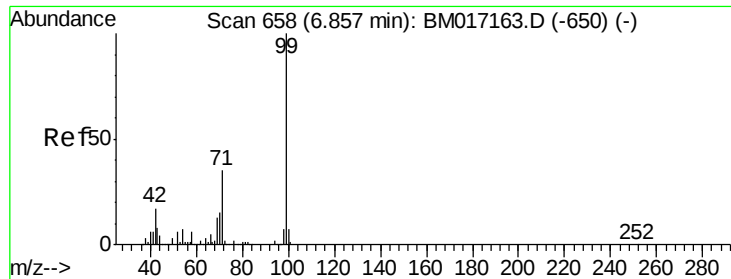
Abundance

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: 102.552 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017355.D

Acq: 26 Oct 2018 19:22

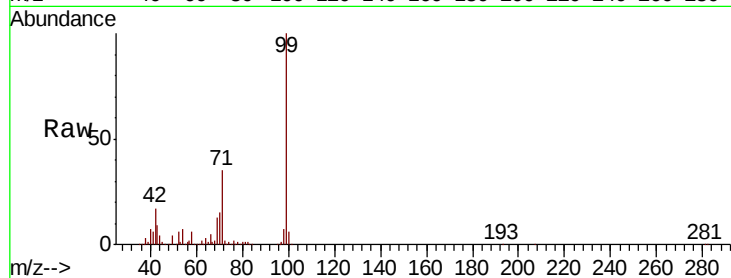
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1987177

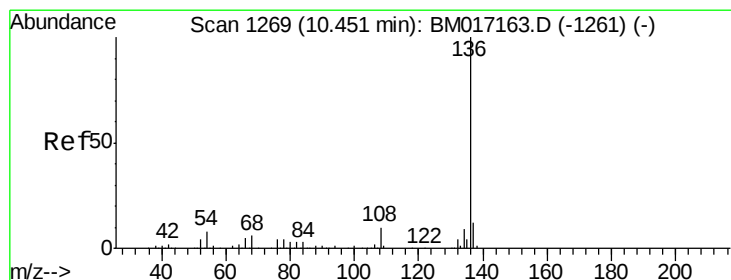
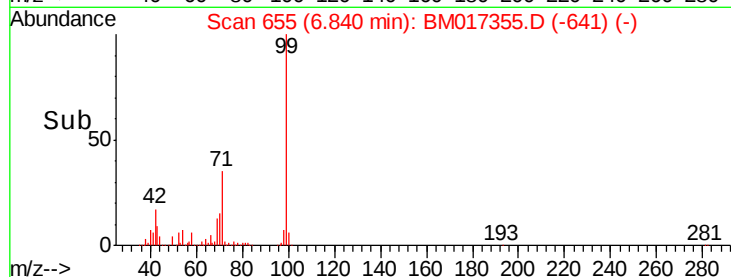
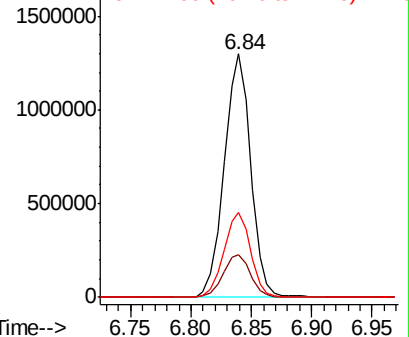
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	34.9	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

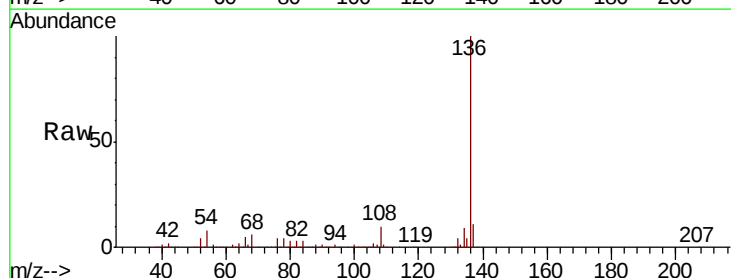
Delta R.T. -0.02 min

Lab File: BM017355.D

Acq: 26 Oct 2018 19:22

Tgt Ion: 136 Resp: 1010906

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	6.7	10.1
68	6.4	4.7	7.1

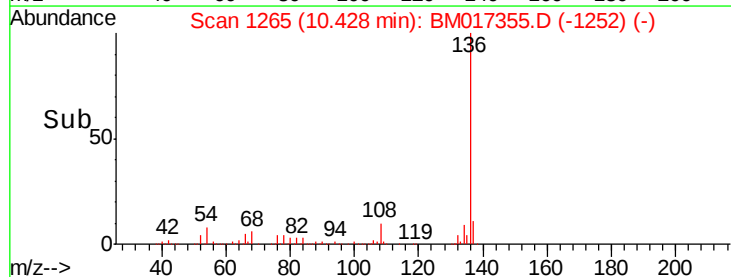
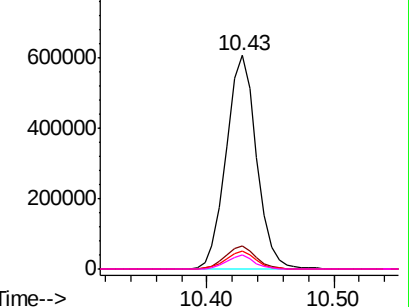


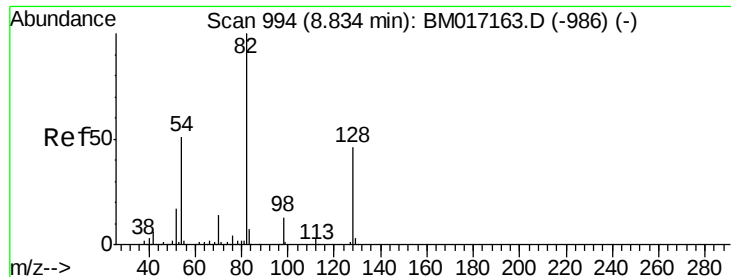
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

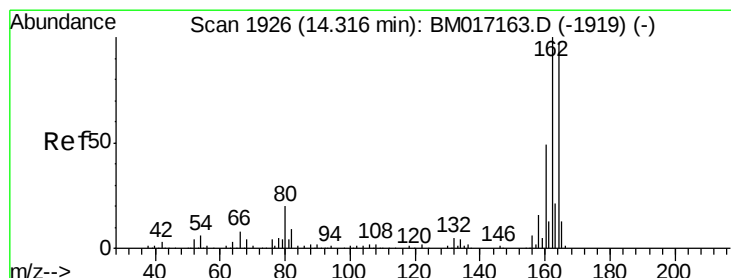
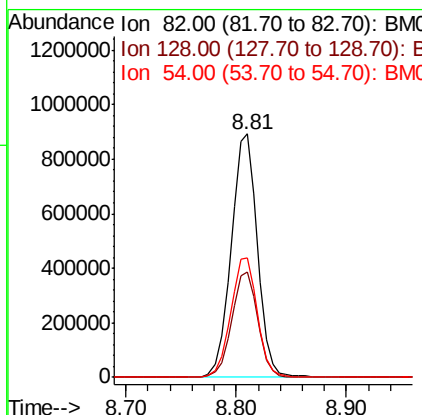
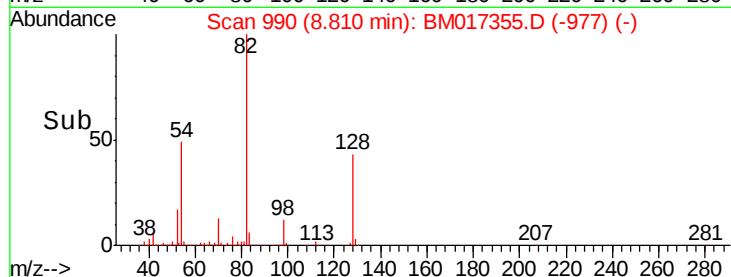
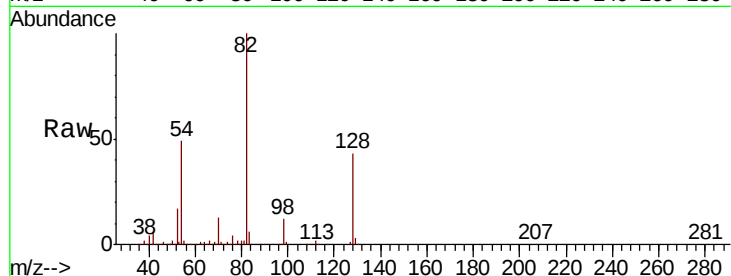




#23
 Nitrobenzene-d5
 Concen: 85.945 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

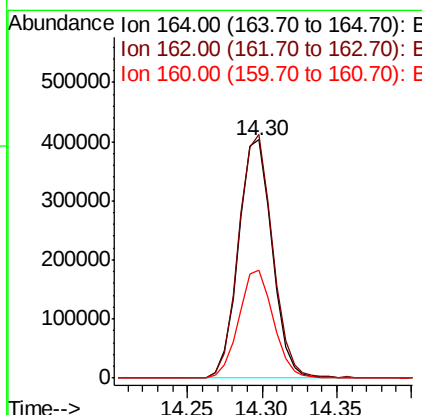
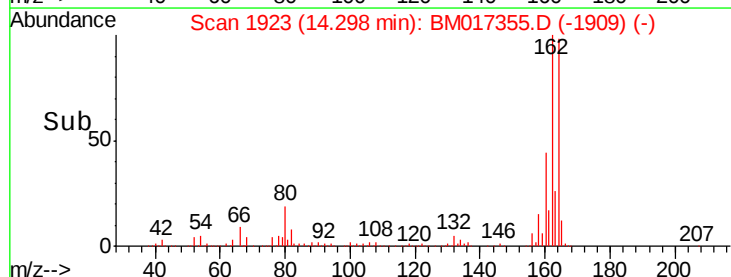
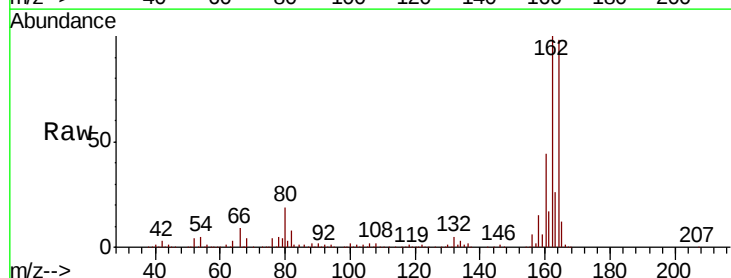
Instrument :
 BNA_M
 ClientSampled :

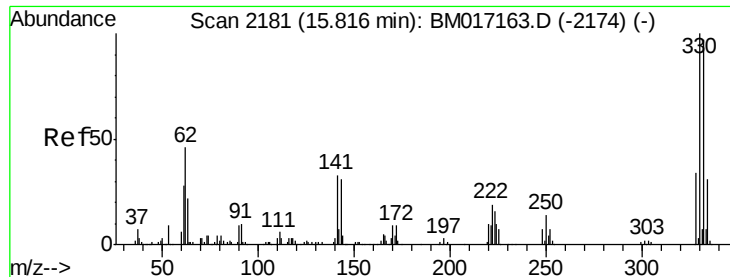
Tot Ion: 82 Resp: 1485530
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.0 55.6
 54 49.0 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Tgt Ion:164 Resp: 631222
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 45.5 40.2 60.2



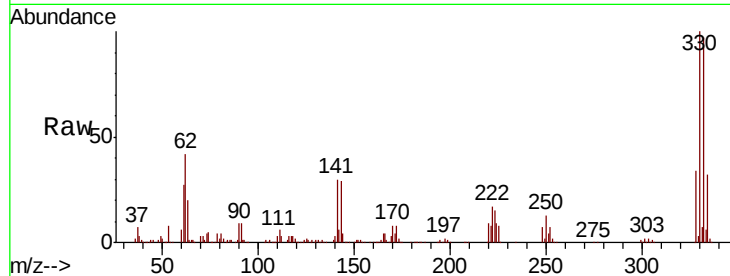


#42
 2,4,6-Tribromophenol
 Concen: 136.410 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

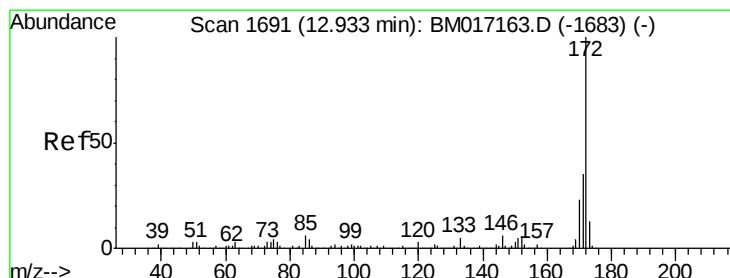
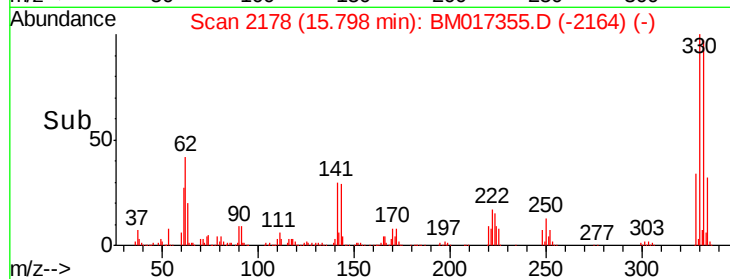
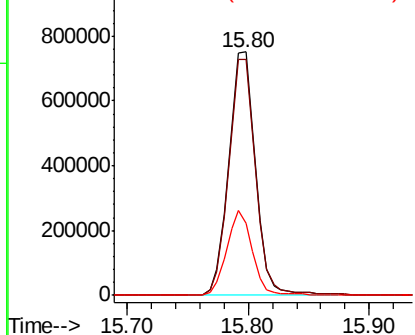
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1164442

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.3	27.4	41.0



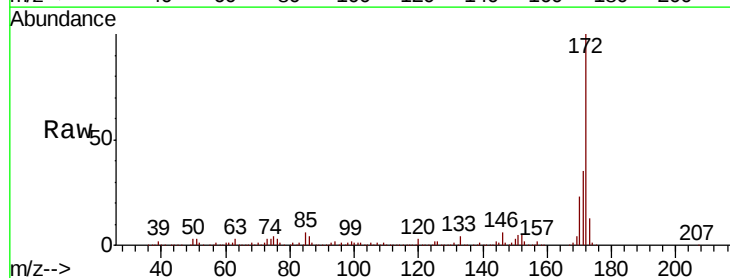
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



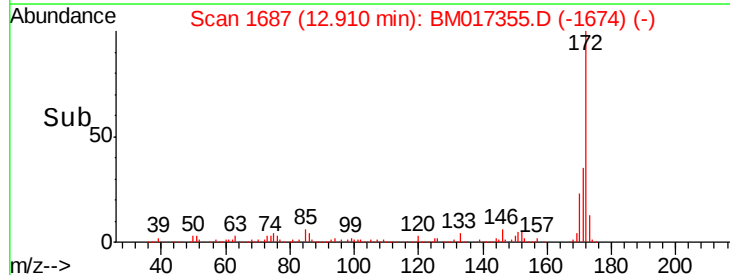
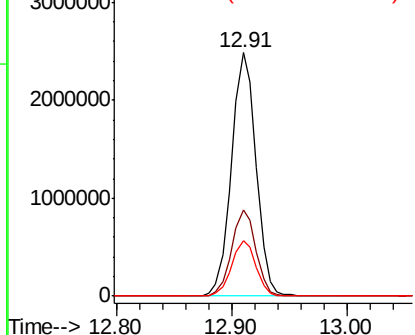
#45
 2-Fluorobiphenyl
 Concen: 77.060 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

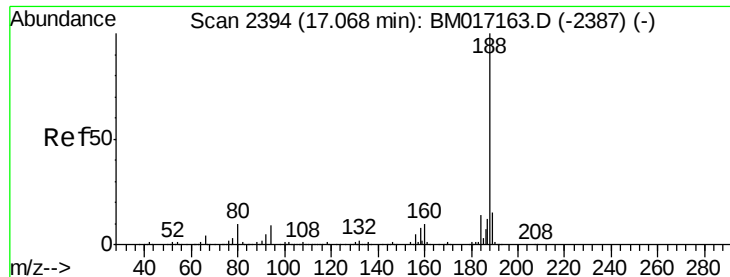
Tgt Ion:172 Resp: 3655812

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.8	18.3	27.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017355.D

Acq: 26 Oct 2018 19:22

Instrument :

BNA_M

ClientSampled :

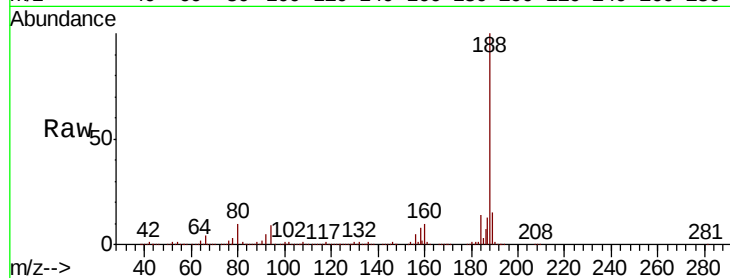
Tot Ion:188 Resp: 1605878

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

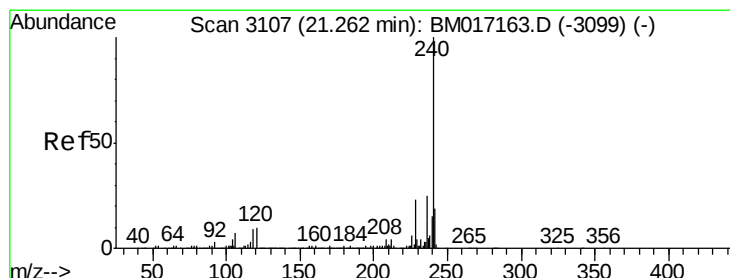
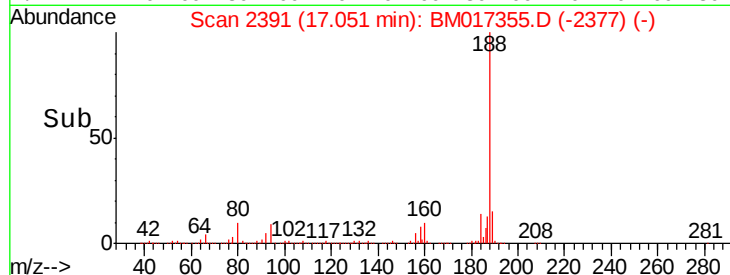
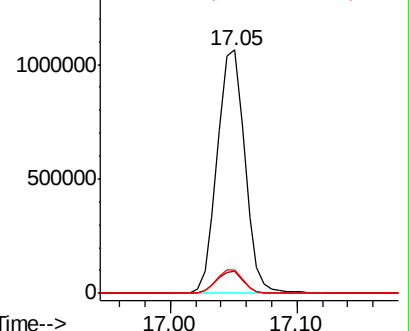
80 9.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017355.D

Acq: 26 Oct 2018 19:22

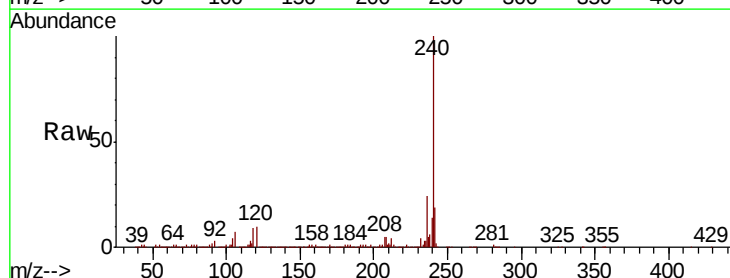
Tgt Ion:240 Resp: 1868945

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

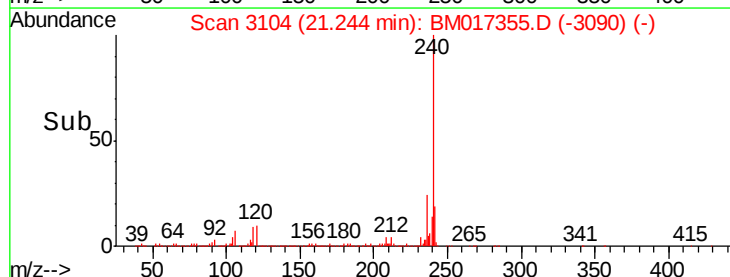
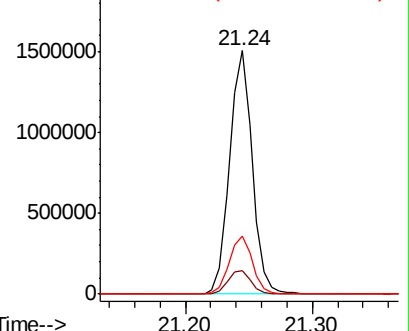
236 24.0 19.9 29.9

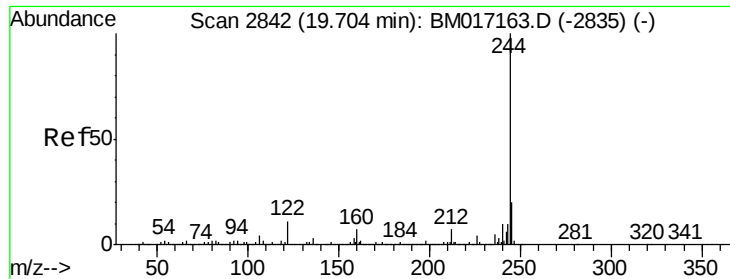


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

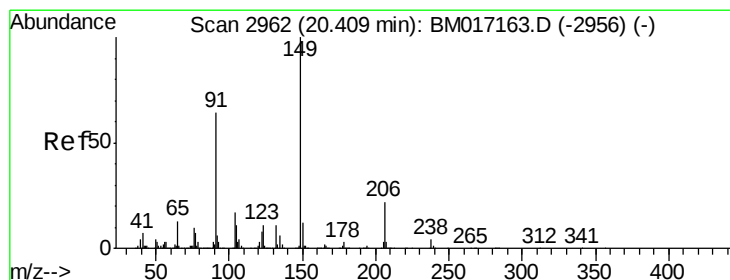
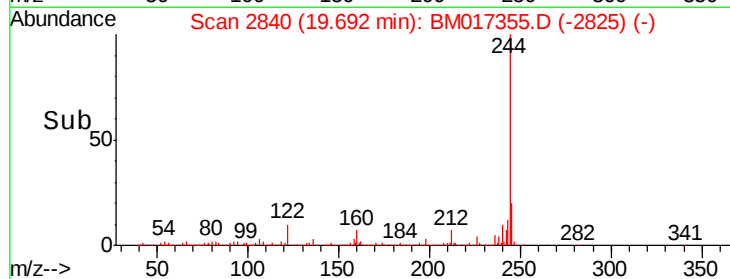
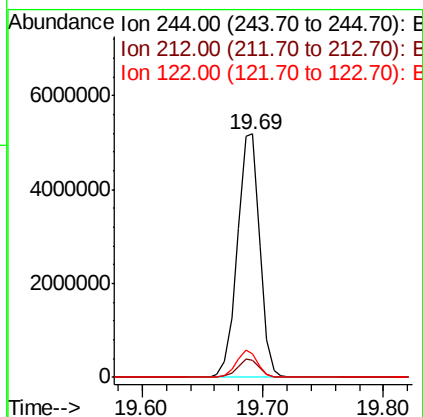
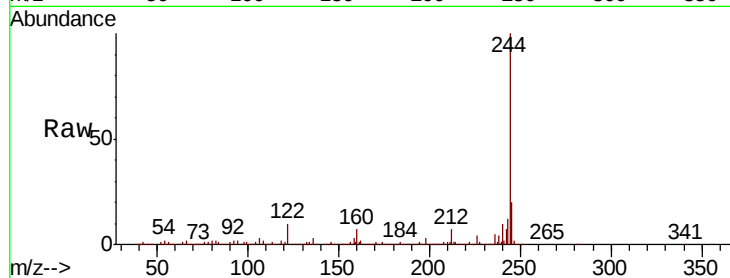




#79
 Terphenyl-d14
 Concen: 80.744 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

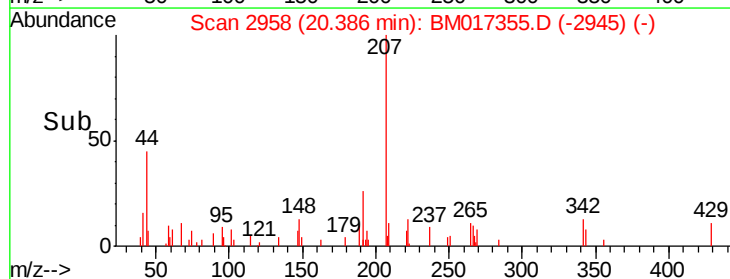
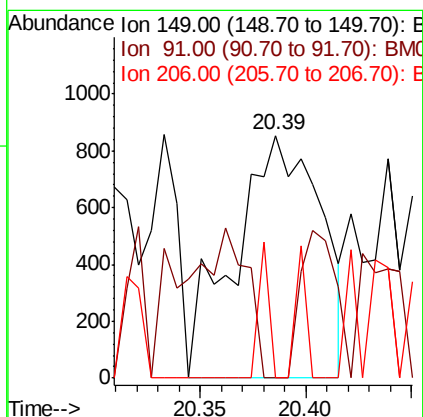
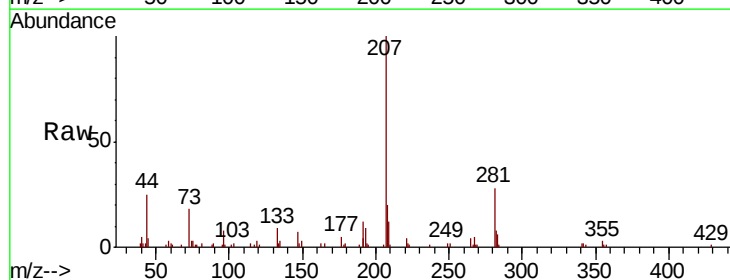
Instrument :
 BNA_M
 ClientSampleId :

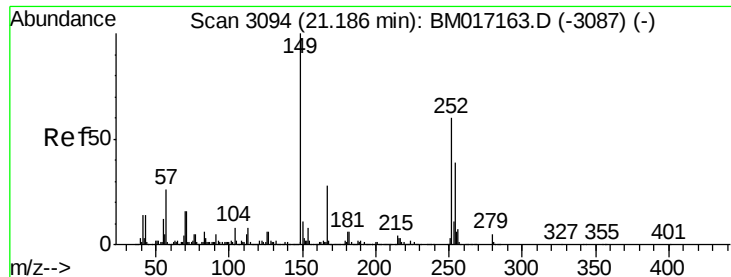
Tot Ion:244 Resp: 6695000
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.8 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 7.228 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Tgt Ion:149 Resp: 2416
 Ion Ratio Lower Upper
 149 100
 91 0.0 51.3 76.9#
 206 0.0 18.0 27.0#

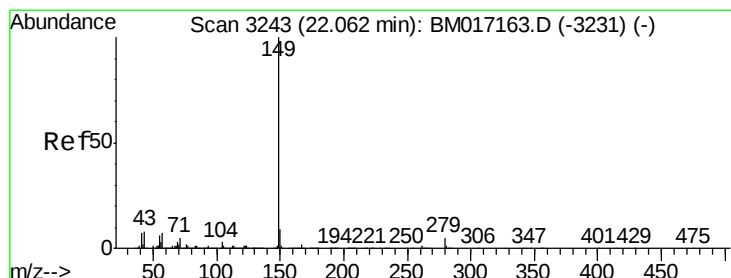
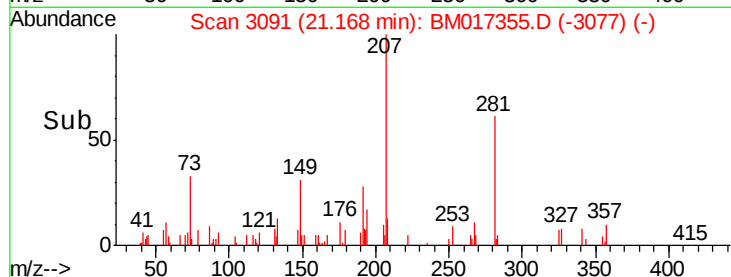
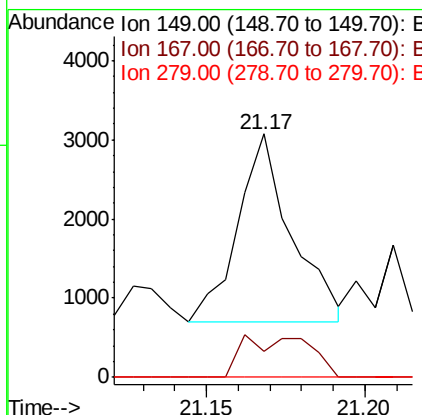
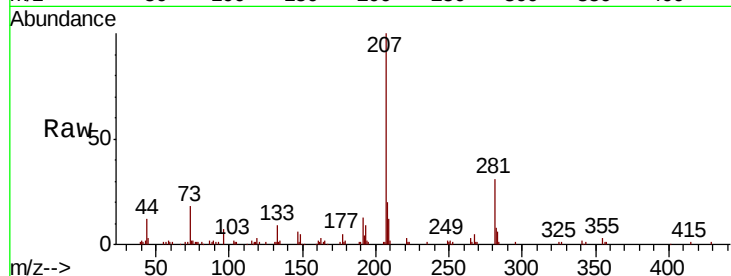




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.348 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

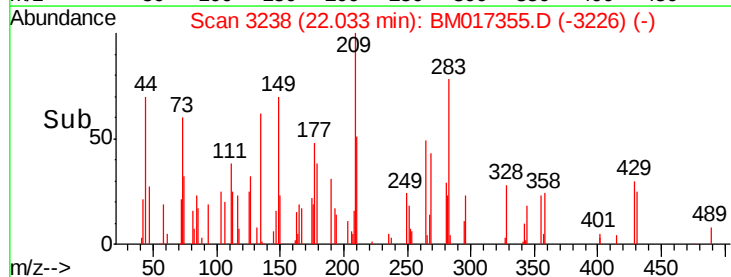
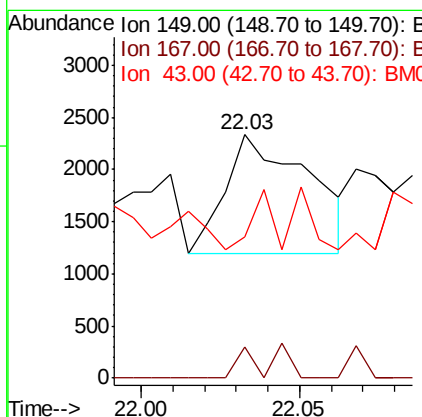
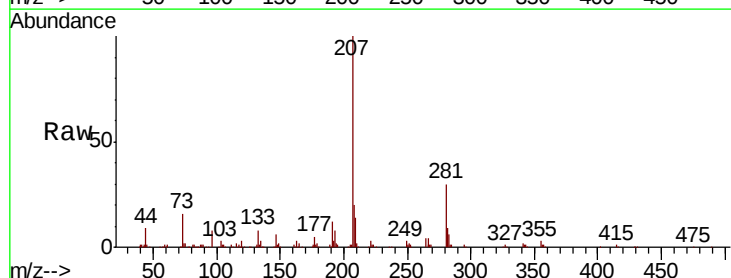
Instrument :
 BNA_M
 ClientSampleId :

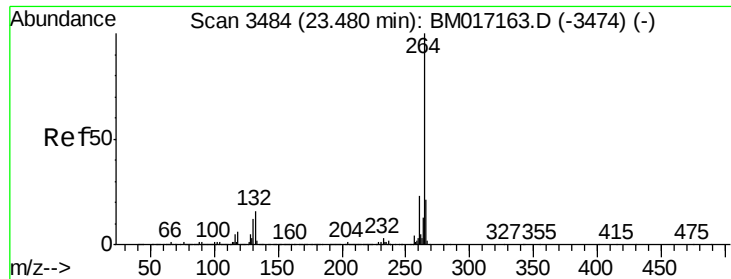
Tot Ion:149 Resp: 2771
 Ion Ratio Lower Upper
 149 100
 167 10.8 22.2 33.4#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.589 ng
 RT: 22.03 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BM017355.D
 Acq: 26 Oct 2018 19:22

Tgt Ion:149 Resp: 2072
 Ion Ratio Lower Upper
 149 100
 167 10.9 1.4 2.0#
 43 12.1 7.2 10.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017355.D
Acq: 26 Oct 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1679780

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.6	17.8	26.8

