

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017288.D
 Acq On : 23 Oct 2018 17:12
 Operator : MJ/SJ
 Sample : PB1144097TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:56:30 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

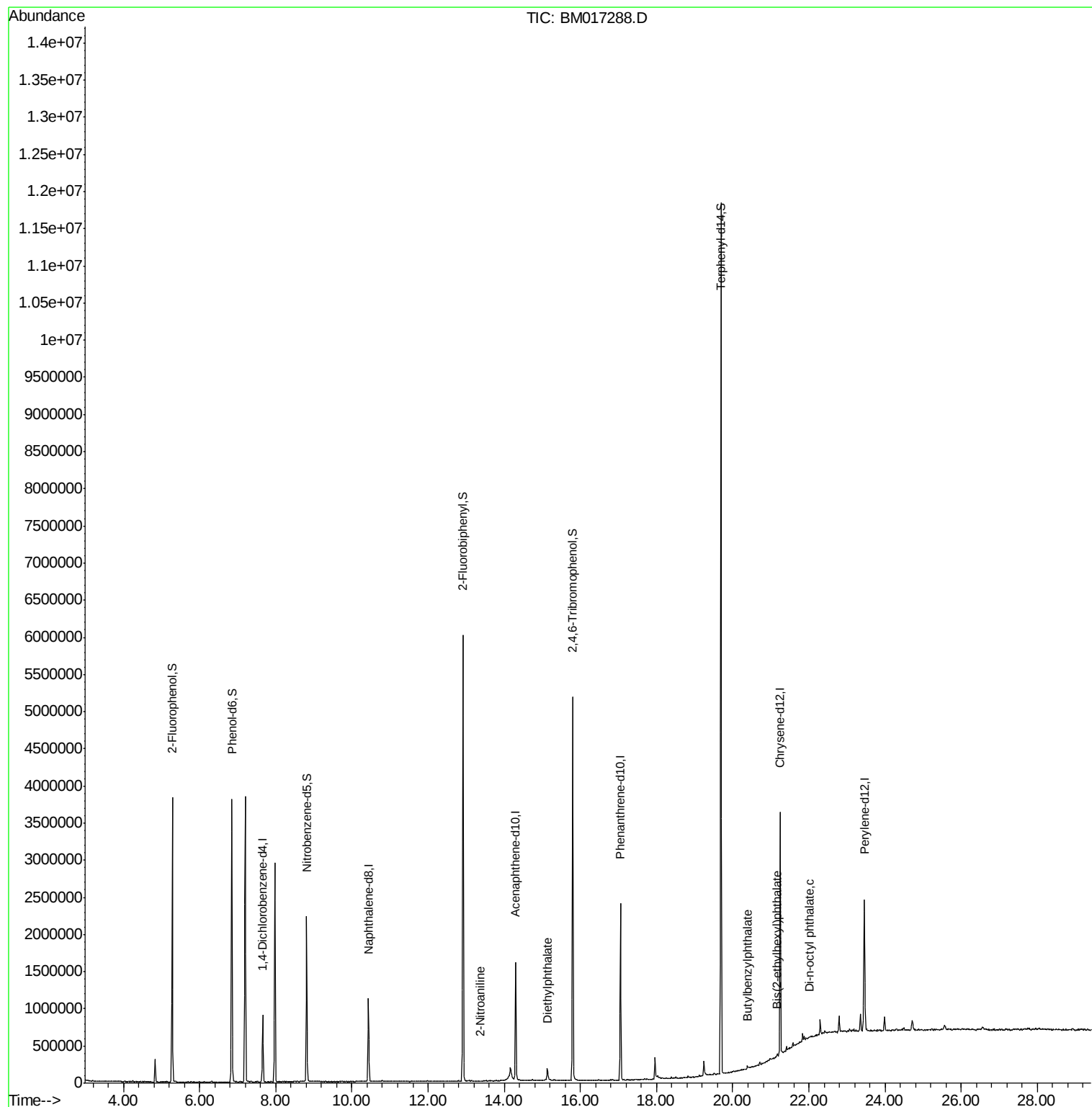
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	236179	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	918890	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	535190	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1311277	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1506581	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1315785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1612151	115.45	ng	0.00
7) Phenol-d6	6.85	99	2121940	111.57	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1258395	80.09	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	948147	131.00	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3019666	75.07	ng	-0.02
79) Terphenyl-d14	19.69	244	5320434	79.60	ng	-0.01
Target Compounds						
48) 2-Nitroaniline	13.37	65	124	5.698	ng	# 5
60) Diethylphthalate	15.13	149	128210	3.131	ng	# 99
80) Butylbenzylphthalate	20.39	149	2217	7.235	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.17	149	12508	5.535	ng	# 96
85) Di-n-octyl phthalate	22.02	149	927	5.581	ng	# 1

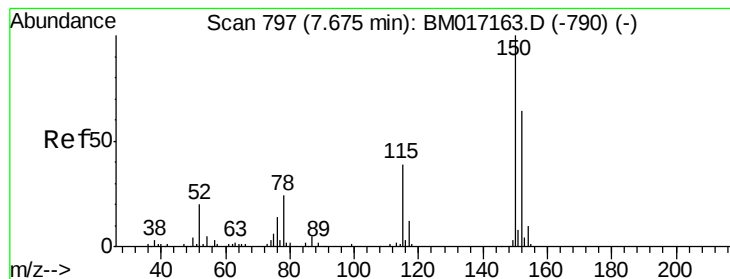
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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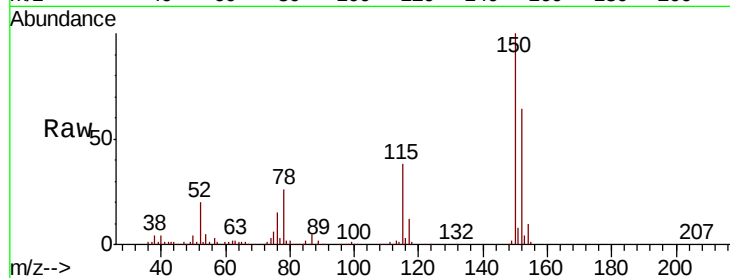


#1

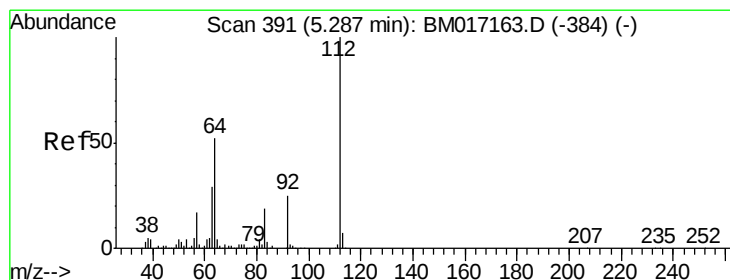
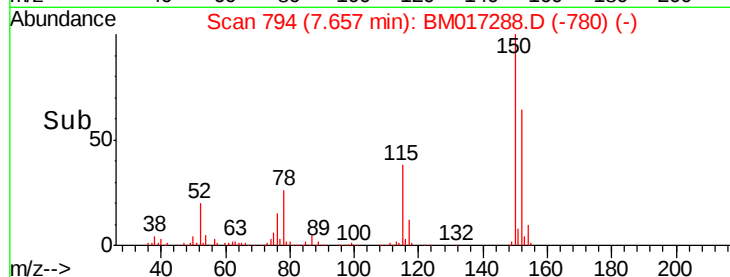
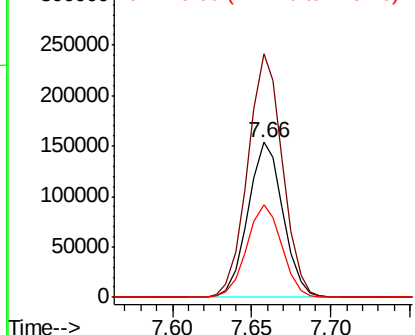
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.3	186.5
115	59.4	48.1	72.1



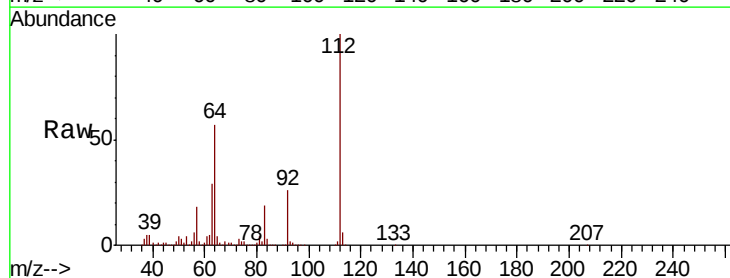
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



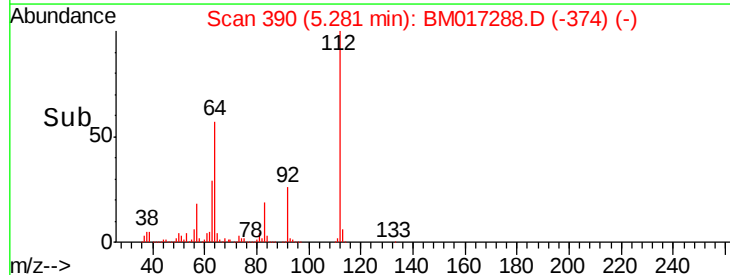
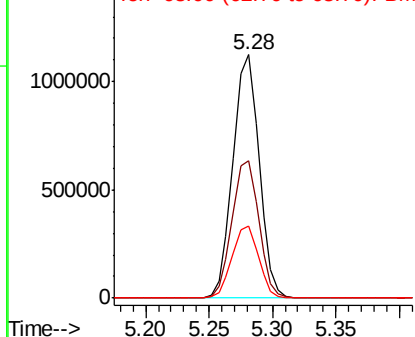
#5

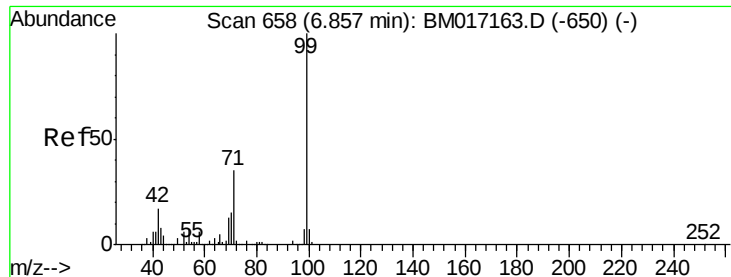
2-Fluorophenol
Concen: 115.450 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.00 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	41.7	62.5
63	29.4	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: 111.574 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

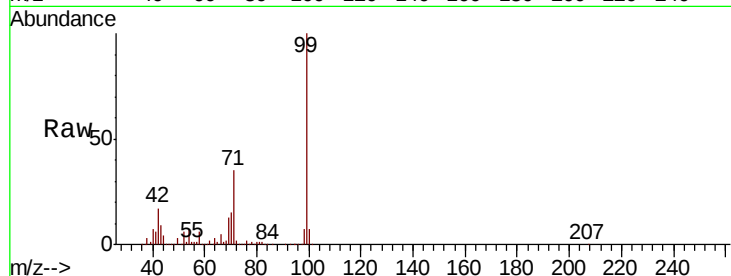
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2121940

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	35.1	28.0	42.0

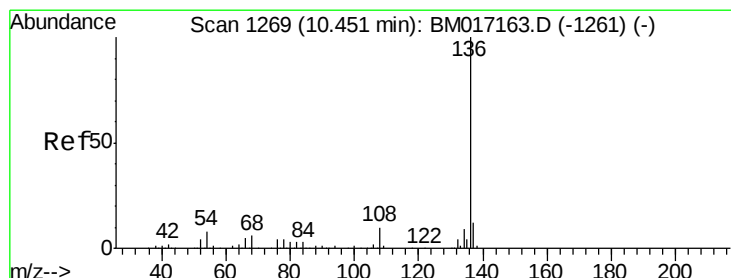
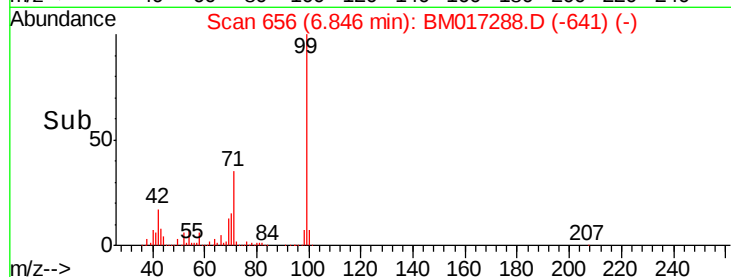
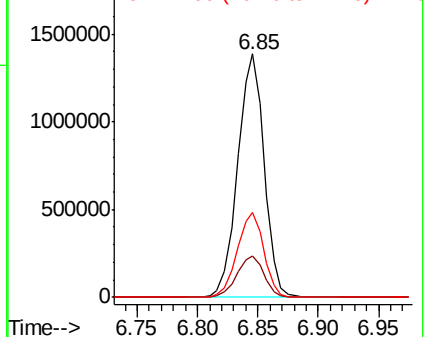


Abundance

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: 10.43 min Scan# 1266

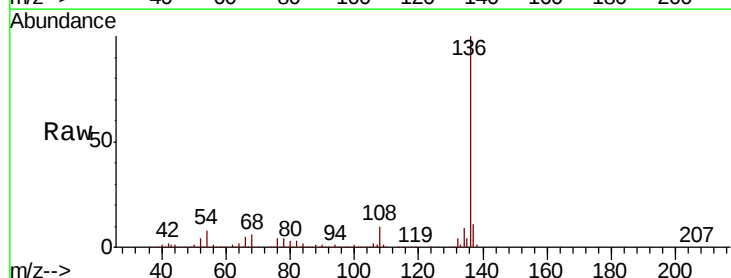
Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Tgt Ion: 136 Resp: 918890

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.5	6.7	10.1
68	5.7	4.7	7.1



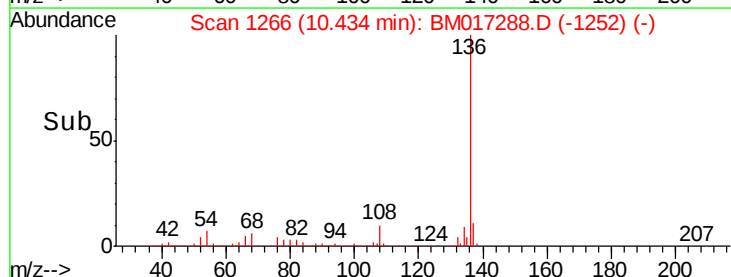
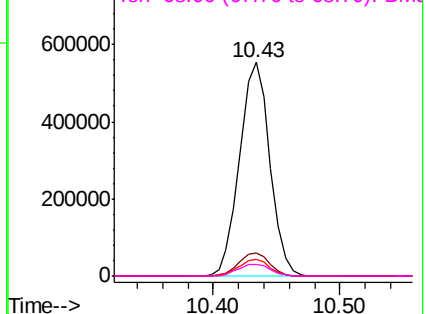
Abundance

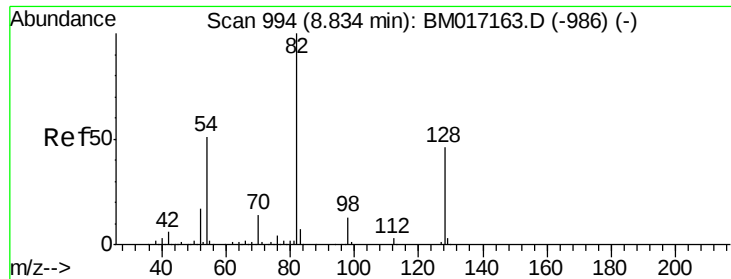
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

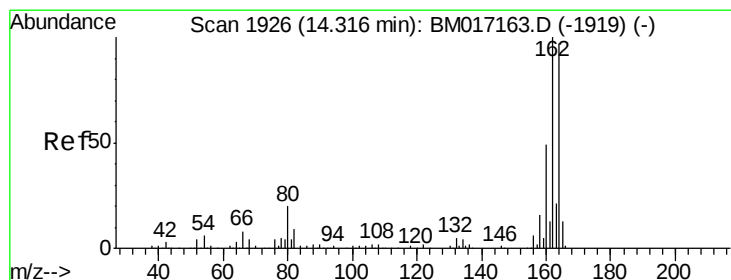
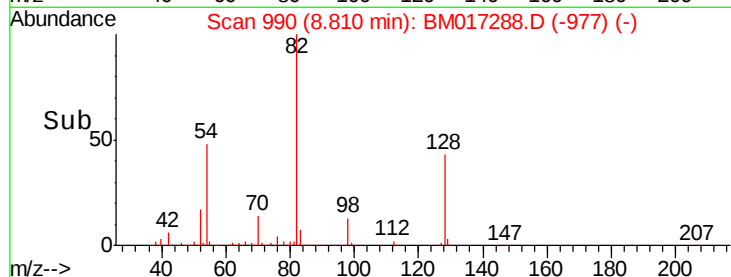
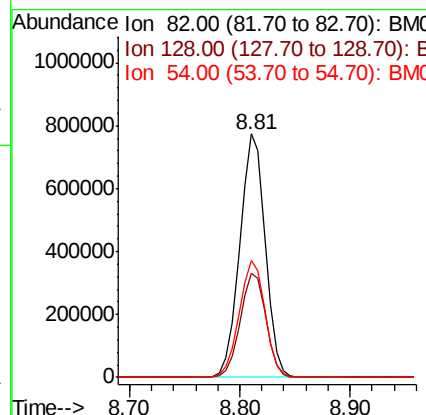
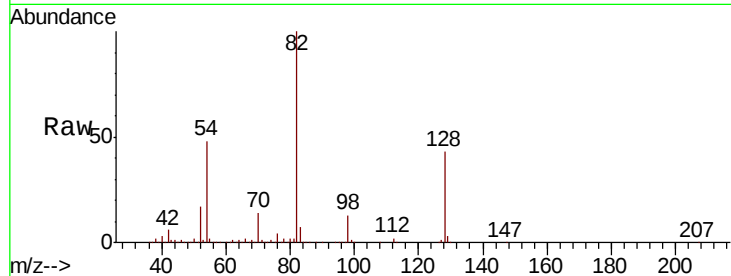




#23
 Nitrobenzene-d5
 Concen: 80.095 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017288.D
 Acq: 23 Oct 2018 17:12

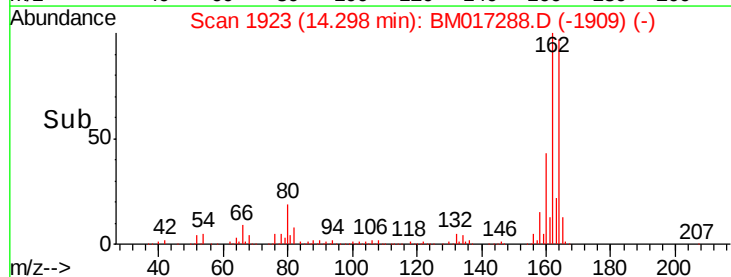
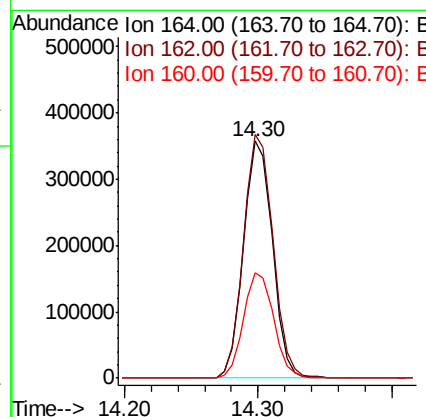
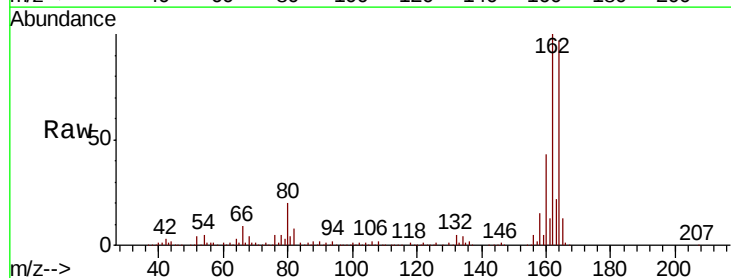
Instrument :
 BNA_M
 ClientSampled :

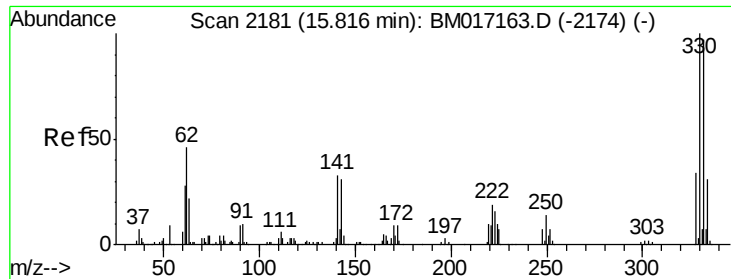
Tot Ion: 82 Resp: 1258395
 Ion Ratio Lower Upper
 82 100
 128 42.7 37.0 55.6
 54 48.3 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017288.D
 Acq: 23 Oct 2018 17:12

Tgt Ion: 164 Resp: 535190
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 44.6 40.2 60.2





#42

2,4,6-Tribromophenol

Concen: 131.002 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Instrument :

BNA_M

ClientSampleId :

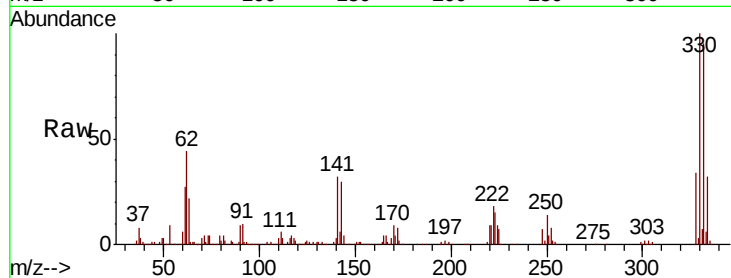
Tot Ion:330 Resp: 948147

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

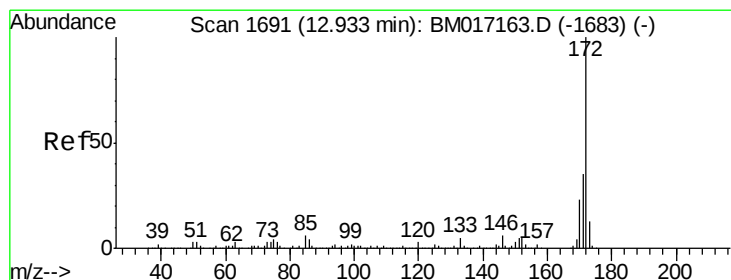
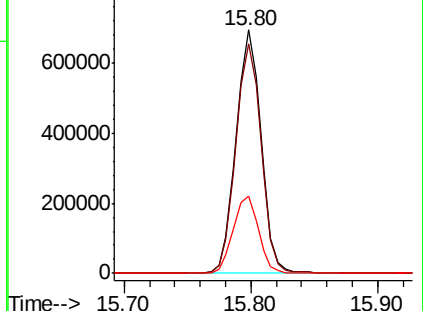
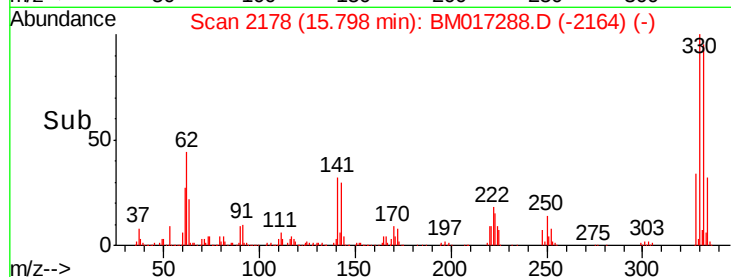
141 32.2 27.4 41.0



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: 75.072 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

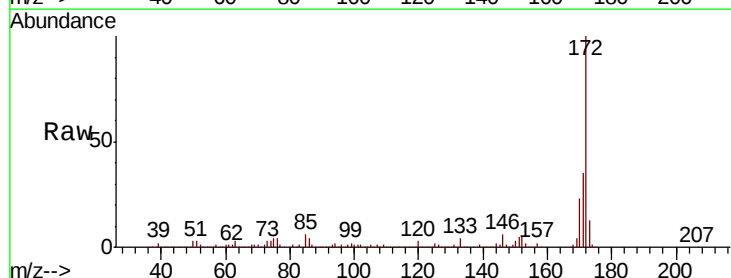
Tgt Ion:172 Resp: 3019666

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

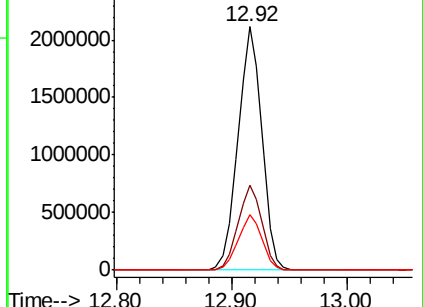
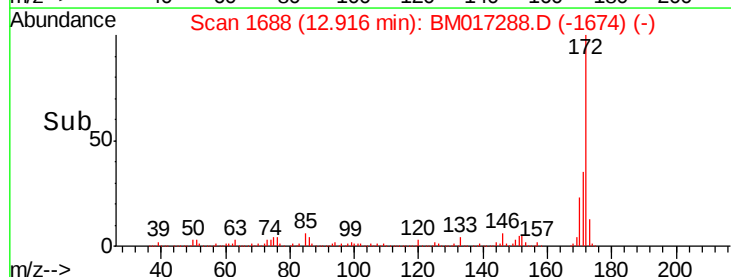
170 22.6 18.3 27.5

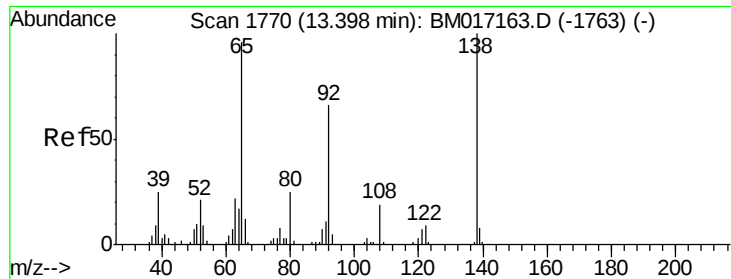


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

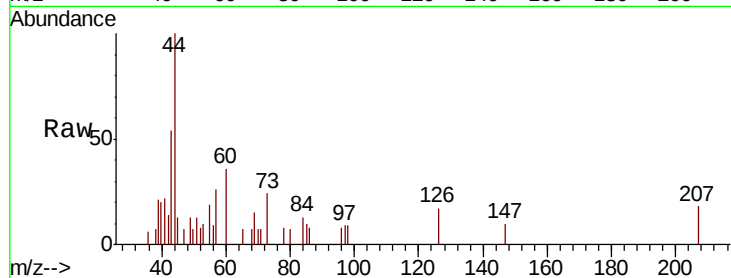




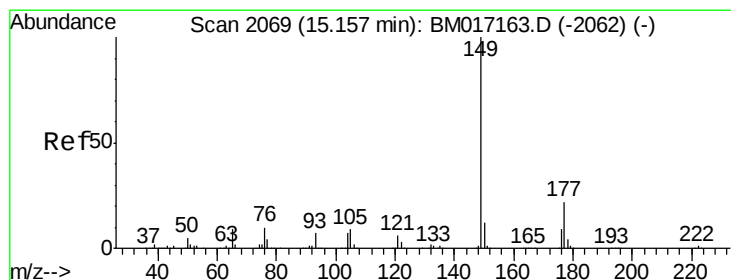
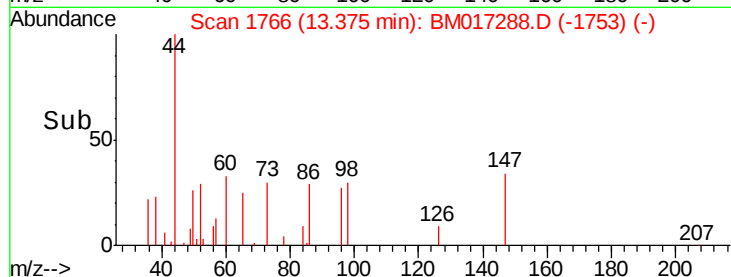
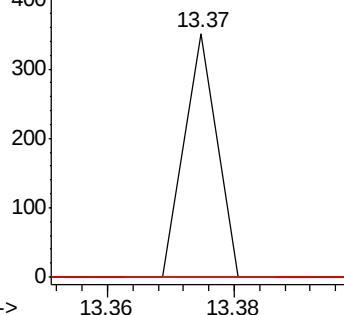
#48
2-Nitroaniline
Concen: 5.698 ng
RT: 13.37 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.9	82.3#
138	0.0	83.7	125.5#

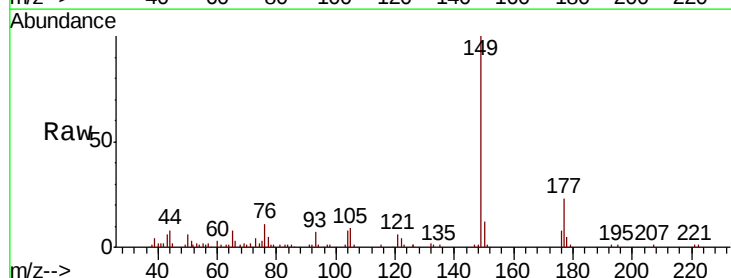


Abundance Ion 65.00 (64.70 to 65.70): BM017163.D (-1763) (-)
Ion 92.00 (91.70 to 92.70): BM017163.D (-1763) (-)
Ion 138.00 (137.70 to 138.70): BM017163.D (-1763) (-)

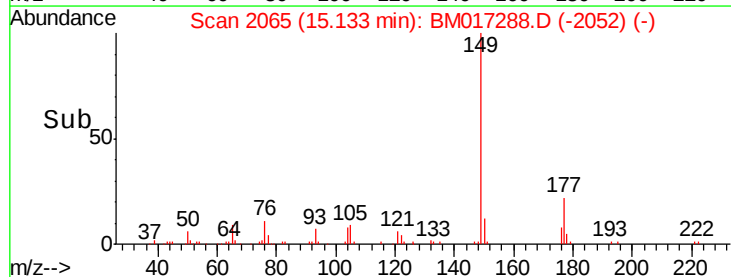
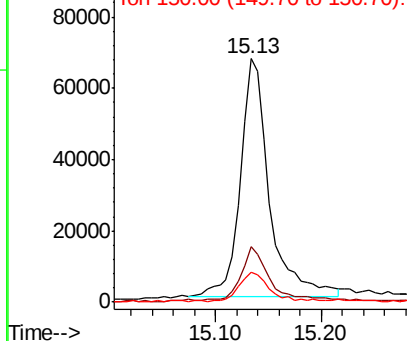


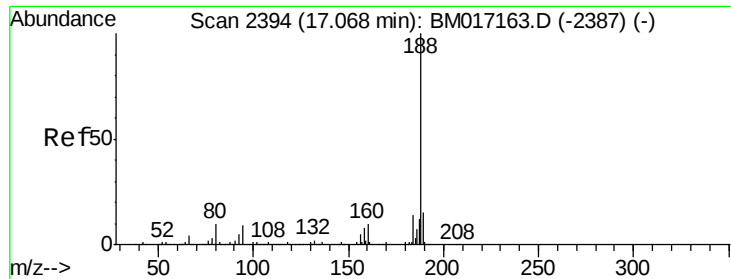
#60
Diethylphthalate
Concen: 3.131 ng
RT: 15.13 min Scan# 2065
Delta R.T. -0.02 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.7	26.5
150	12.4	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): BM017163.D (-2062) (-)
Ion 177.00 (176.70 to 177.70): BM017163.D (-2062) (-)
Ion 150.00 (149.70 to 150.70): BM017163.D (-2062) (-)





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Instrument :

BNA_M

ClientSampleId :

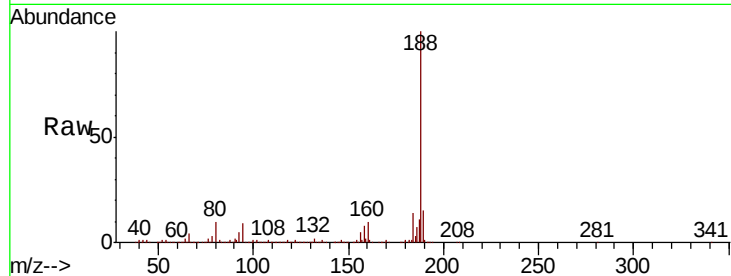
Tot Ion:188 Resp: 1311277

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

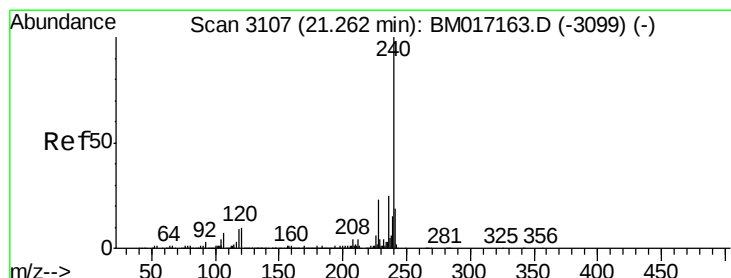
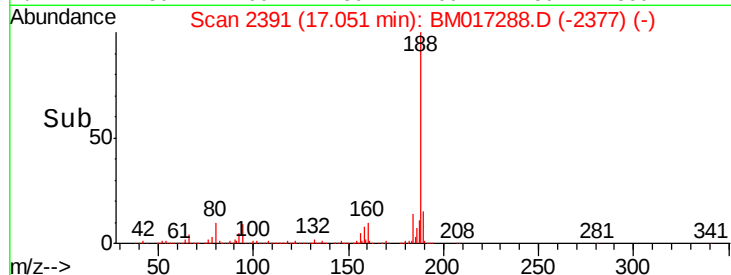
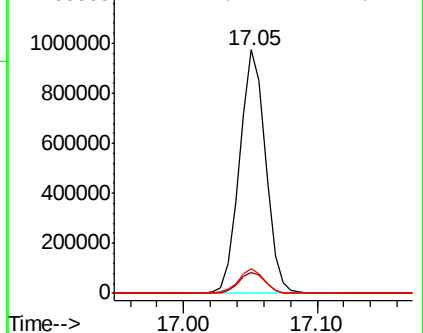
80 10.4 7.7 11.5



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: BM017288.D

Acq: 23 Oct 2018 17:12

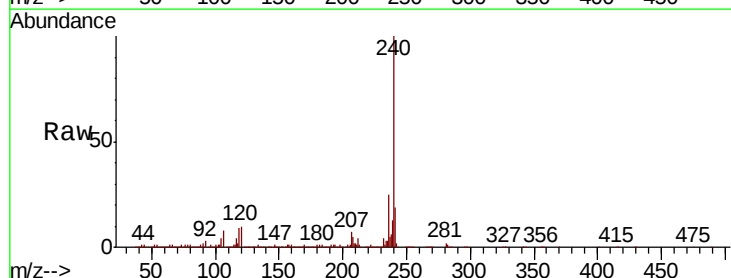
Tgt Ion:240 Resp: 1506581

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

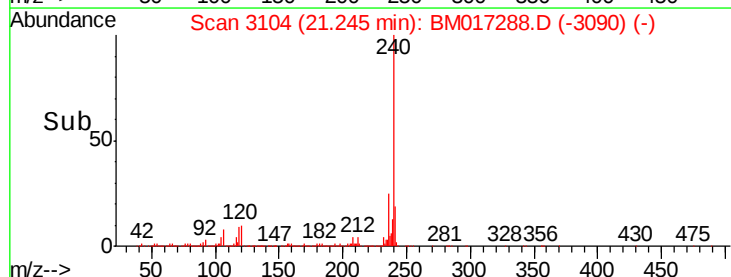
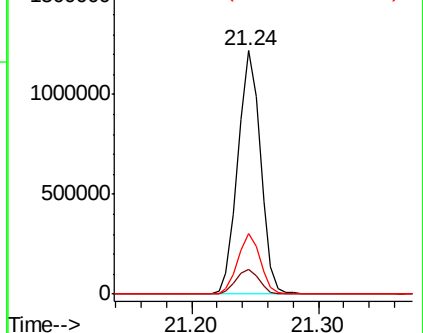
236 24.8 19.9 29.9

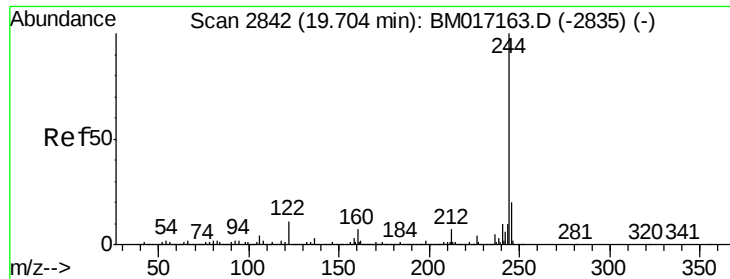


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.599 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Instrument :

BNA_M

ClientSampled :

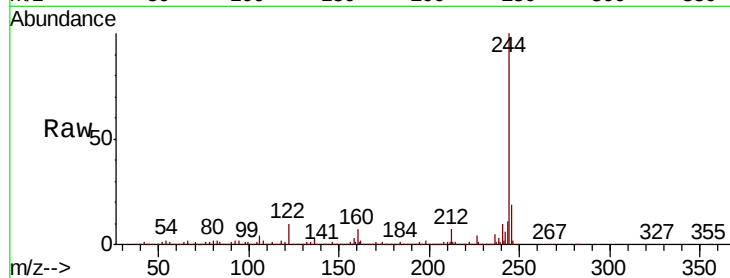
Tot Ion:244 Resp: 5320434

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

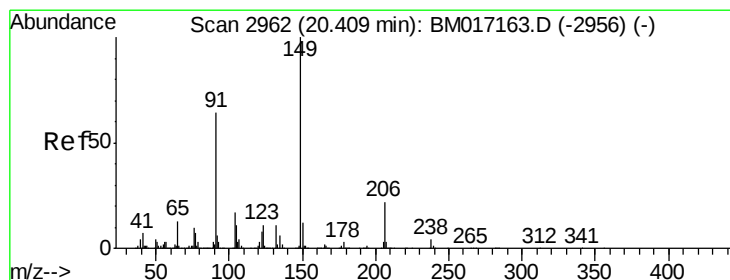
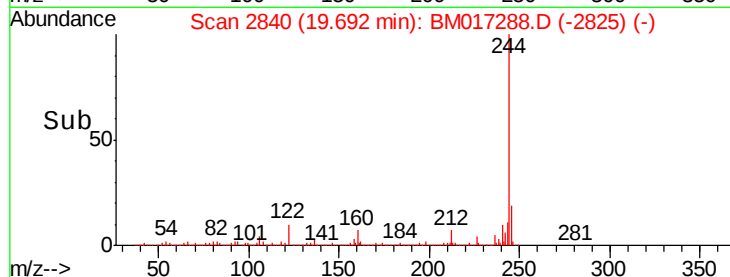
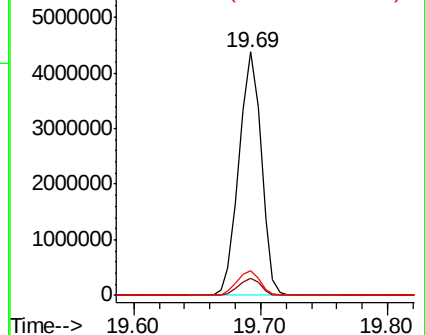
122 10.4 8.4 12.6



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: 7.235 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

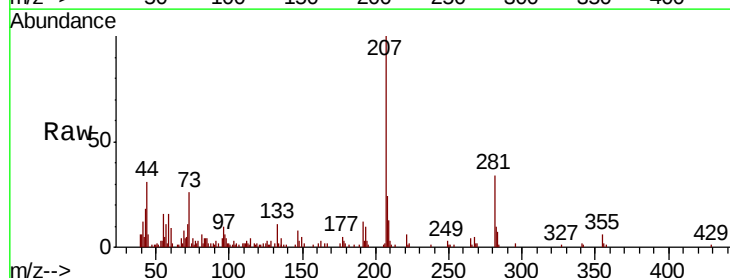
Tgt Ion:149 Resp: 2217

Ion Ratio Lower Upper

149 100

91 62.2 51.3 76.9

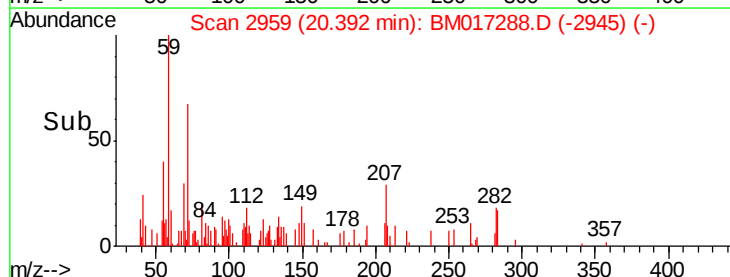
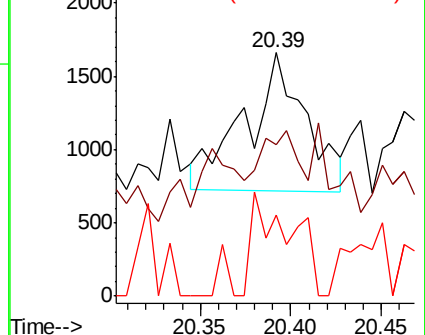
206 33.3 18.0 27.0#

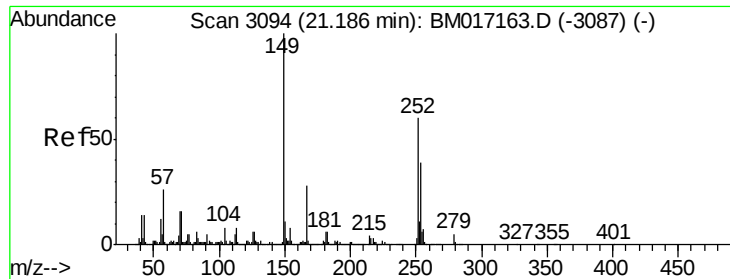


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

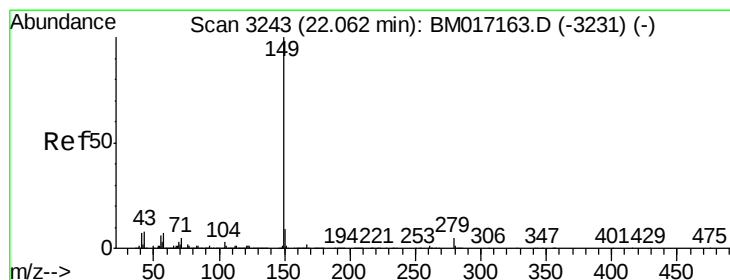
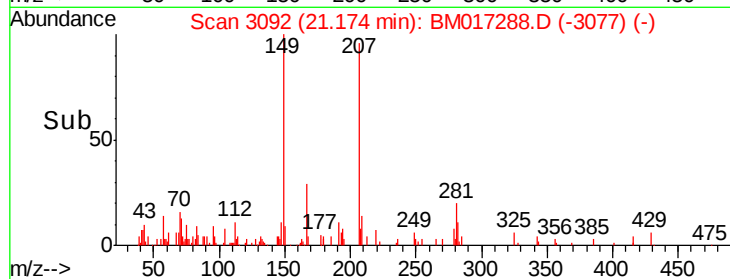
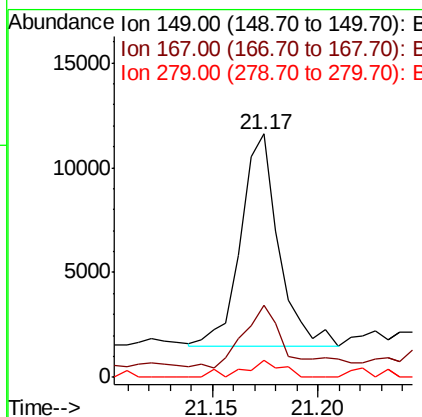
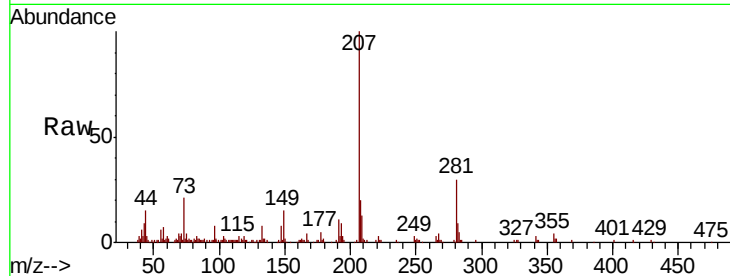




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.535 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017288.D
 Acq: 23 Oct 2018 17:12

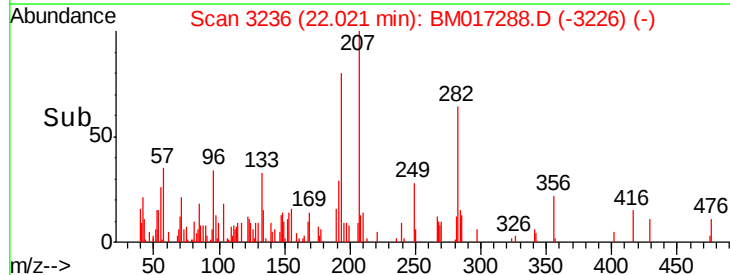
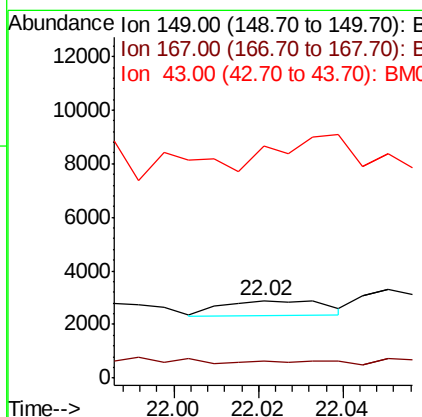
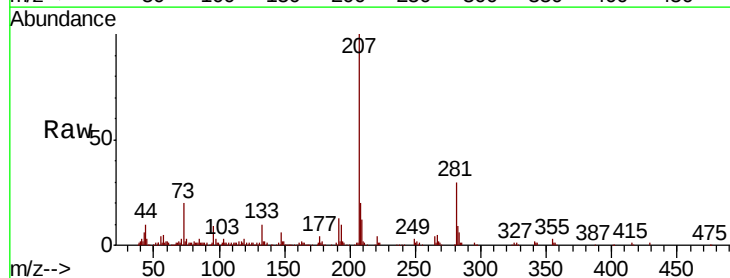
Instrument :
 BNA_M
 ClientSampleId :

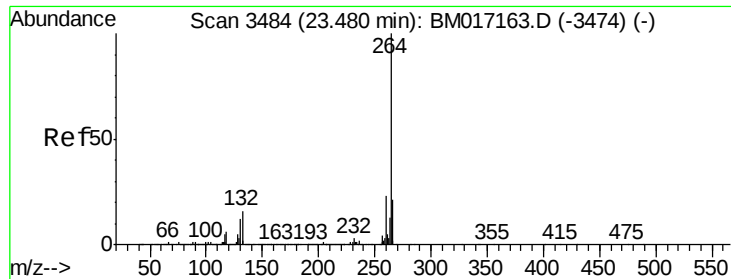
Tot Ion:149 Resp: 12508
 Ion Ratio Lower Upper
 149 100
 167 29.8 22.2 33.4
 279 6.9 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.581 ng
 RT: 22.02 min Scan# 3236
 Delta R.T. -0.04 min
 Lab File: BM017288.D
 Acq: 23 Oct 2018 17:12

Tgt Ion:149 Resp: 927
 Ion Ratio Lower Upper
 149 100
 167 20.1 1.4 2.0#
 43 195.0 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: BM017288.D
Acq: 23 Oct 2018 17:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1315785

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.7	17.8	26.8

