

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017406.D
 Acq On : 29 Oct 2018 13:53
 Operator : MJ/SJ
 Sample : J5651-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 15:07:40 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

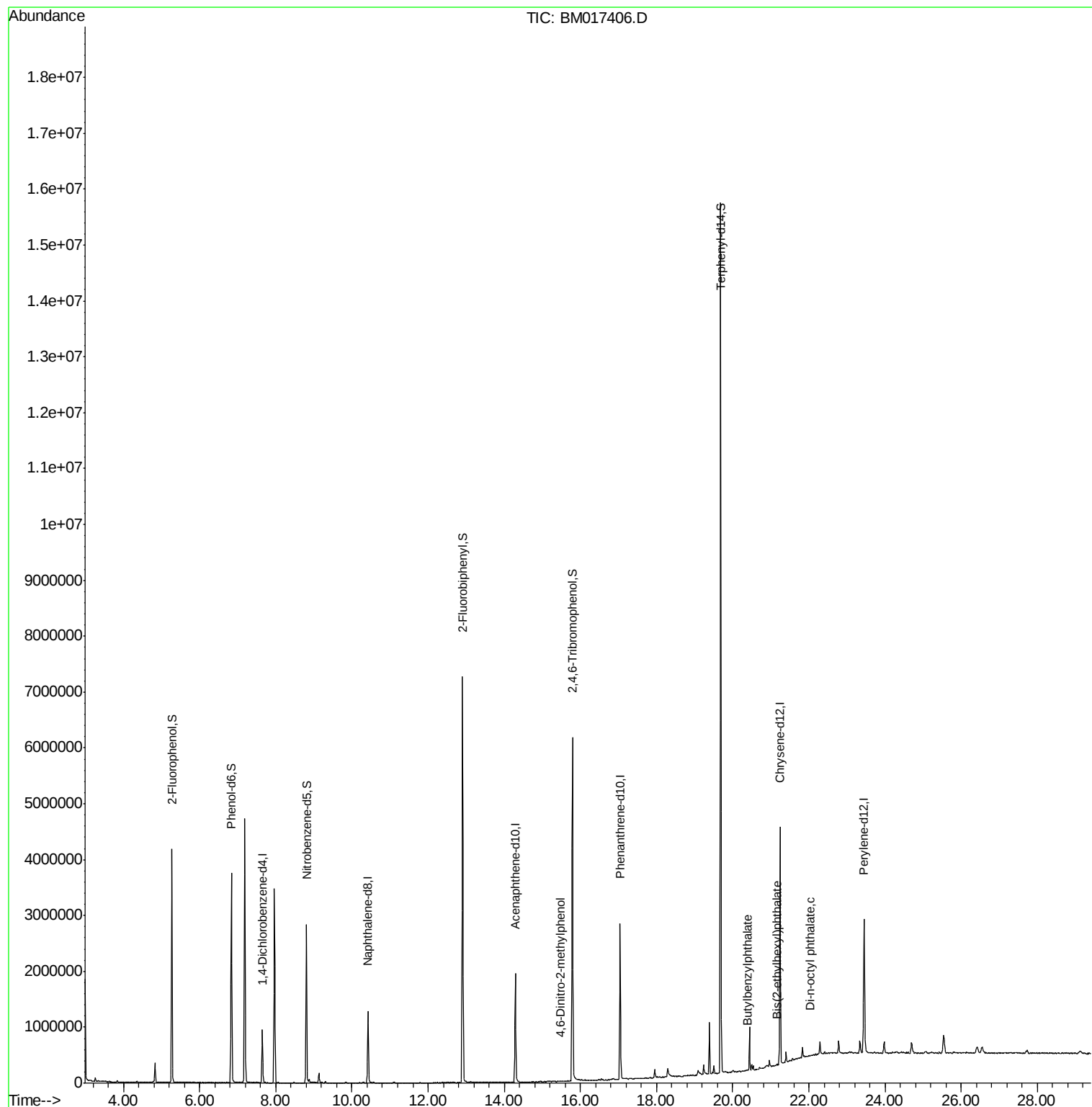
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	255816	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	1072273	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	650268	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1642974	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2012056	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1803863	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1715357	113.41	ng	-0.02
7) Phenol-d6	6.83	99	2090557	101.49	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1581941	86.28	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1238909	140.88	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3895673	79.71	ng	-0.03
79) Terphenyl-d14	19.69	244	7151245	80.11	ng	-0.02
Target Compounds						
65) 4,6-Dinitro-2-methylphenol	15.48	198	117	7.012	ng	# 3
80) Butylbenzylphthalate	20.39	149	612	7.188	ng	# 16
84) Bis(2-ethylhexyl)phthalate	21.17	149	7176	5.405	ng	# 94
85) Di-n-octyl phthalate	22.04	149	3951	5.603	ng	# 58

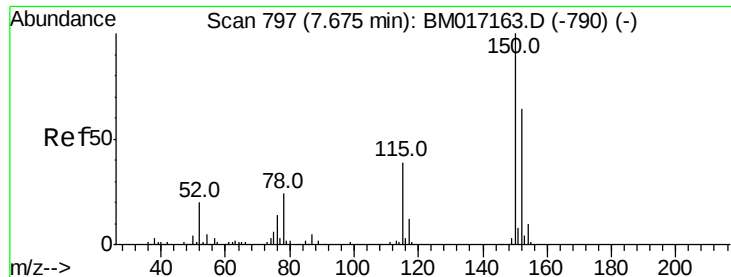
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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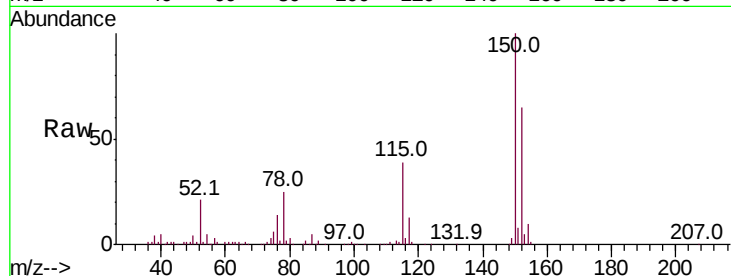


#1

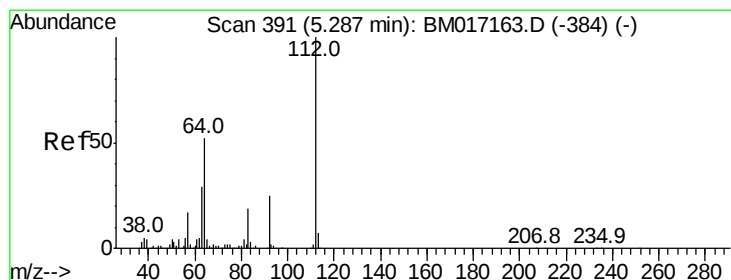
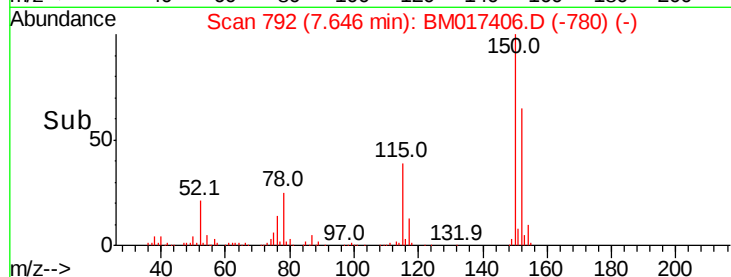
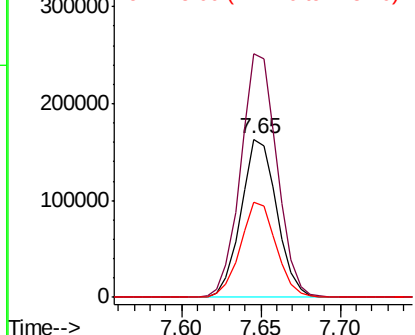
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.03 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 255816
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 59.8 48.1 72.1



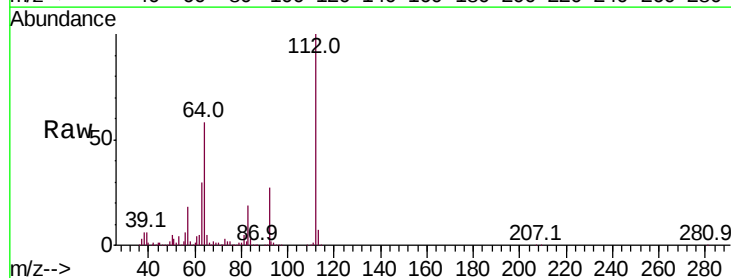
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



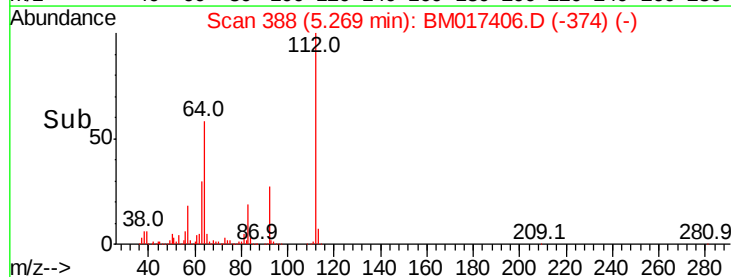
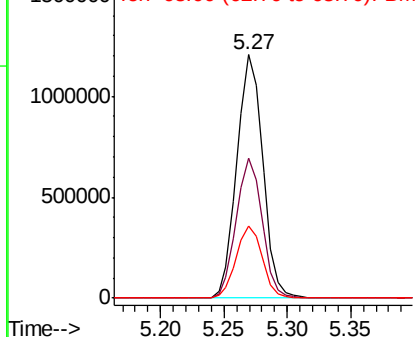
#5

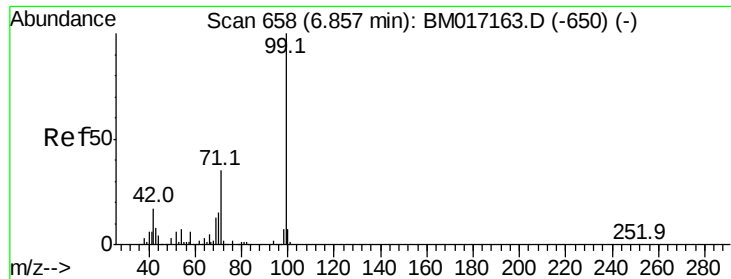
2-Fluorophenol
Concen: 113.411 ng
RT: 5.27 min Scan# 388
Delta R.T. -0.02 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

Tgt Ion:112 Resp: 1715357
Ion Ratio Lower Upper
112 100
64 57.7 41.7 62.5
63 29.8 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: 101.486 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017406.D

Acq: 29 Oct 2018 13:53

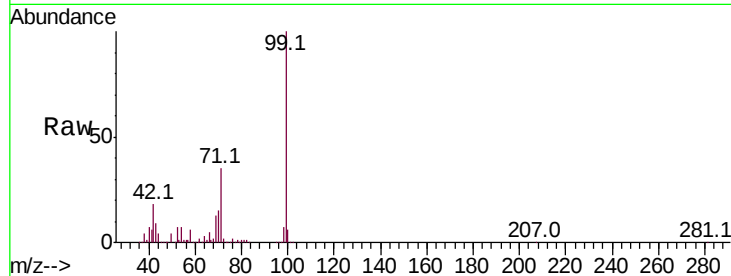
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2090557

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.3	19.9
71	35.5	28.0	42.0

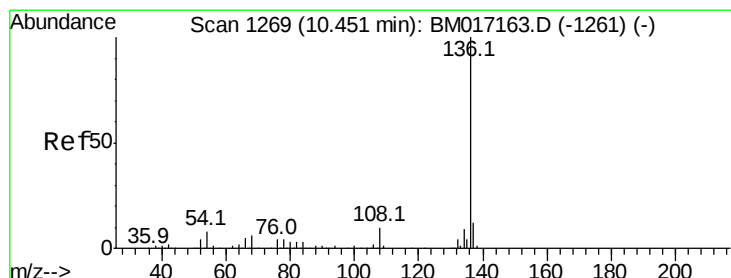
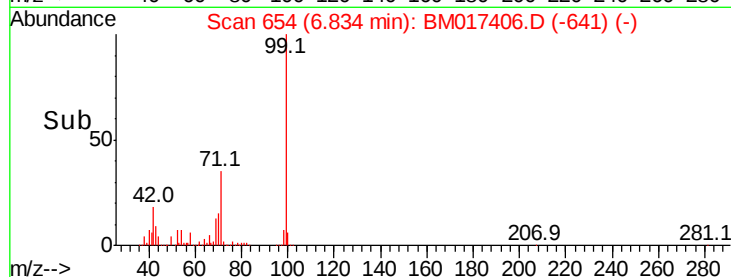
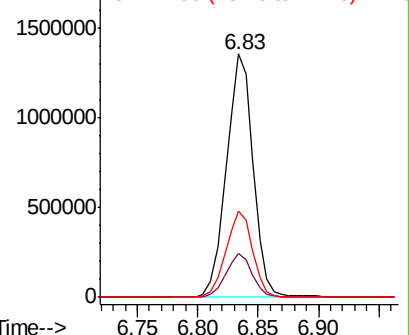


Abundance

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: 10.42 min Scan# 1264

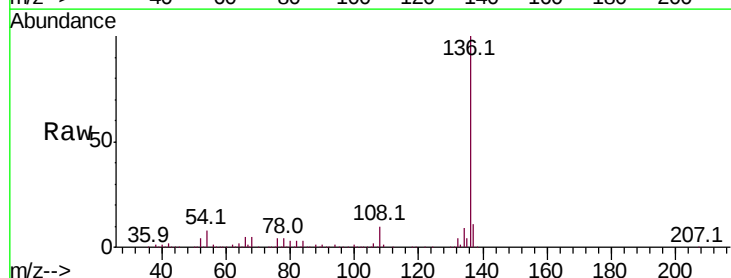
Delta R.T. -0.03 min

Lab File: BM017406.D

Acq: 29 Oct 2018 13:53

Tgt Ion: 136 Resp: 1072273

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.7	6.7	10.1
68	5.3	4.7	7.1



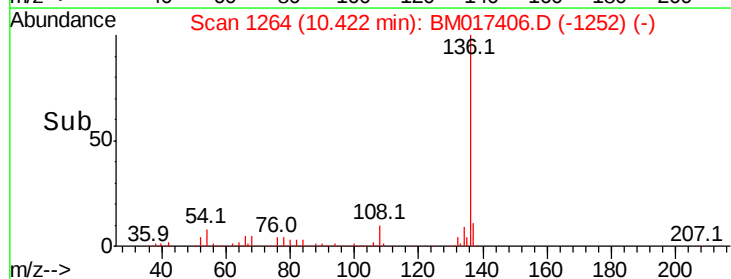
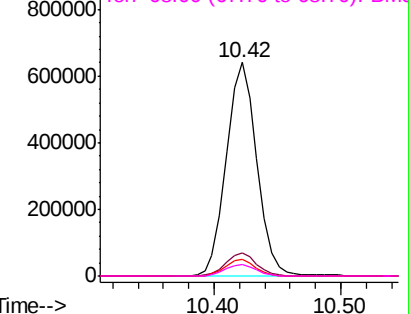
Abundance

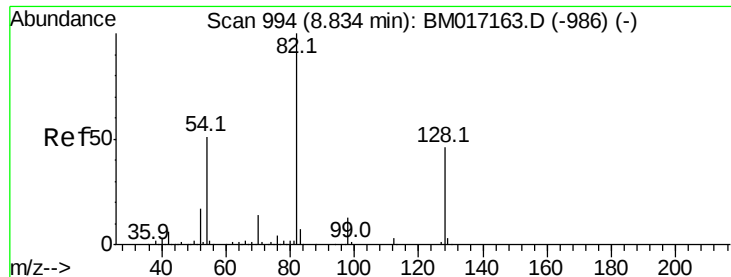
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

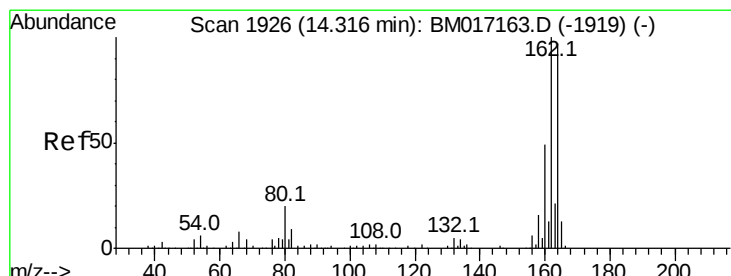
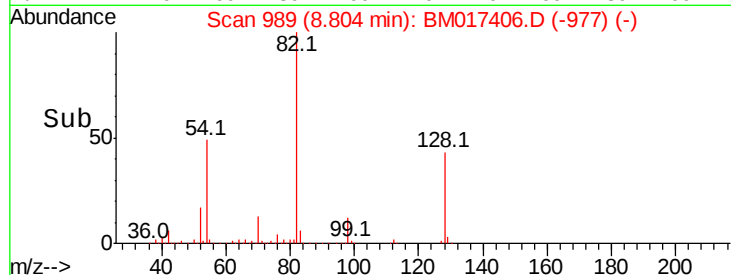
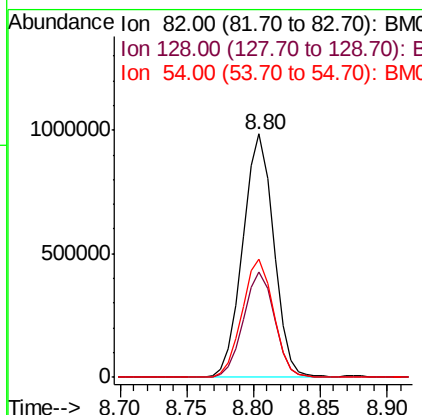
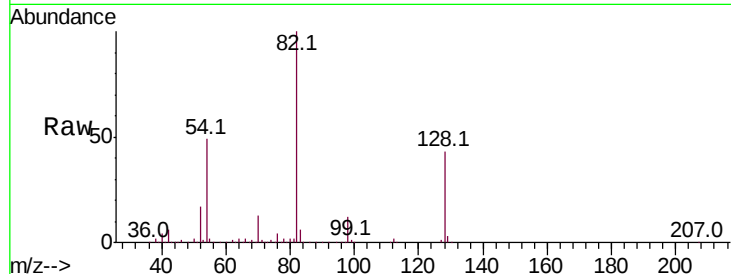




#23
Nitrobenzene-d5
Concen: 86.285 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

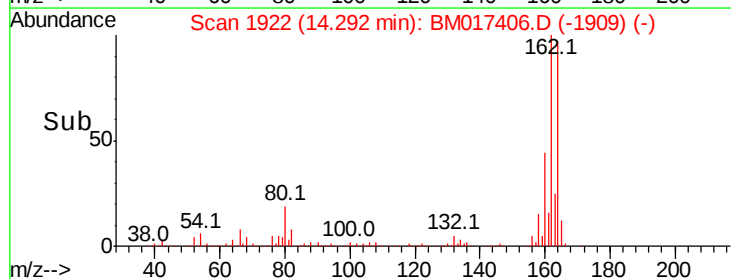
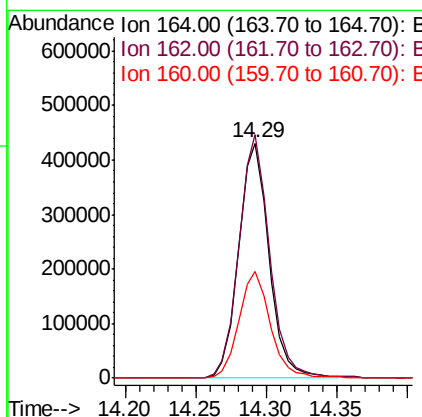
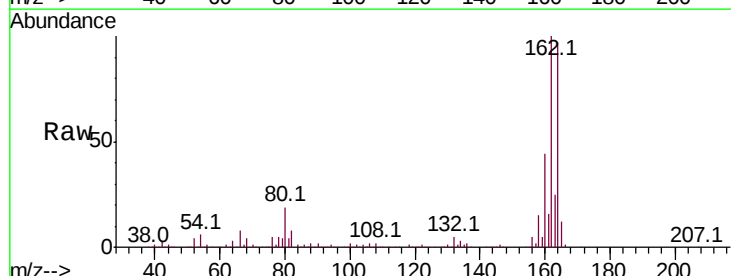
Instrument :
BNA_M
ClientSampled :

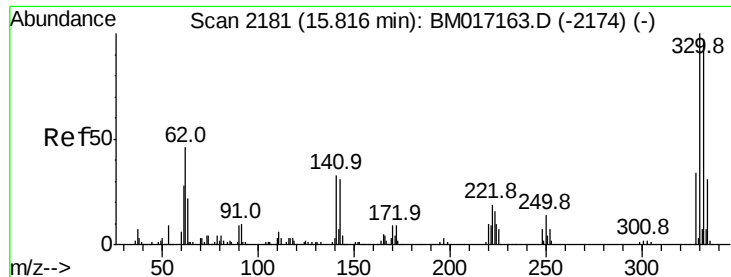
Tot Ion: 82 Resp: 1581941
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.6
54 48.7 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

Tgt Ion: 164 Resp: 650268
Ion Ratio Lower Upper
164 100
162 103.5 82.1 123.1
160 45.4 40.2 60.2



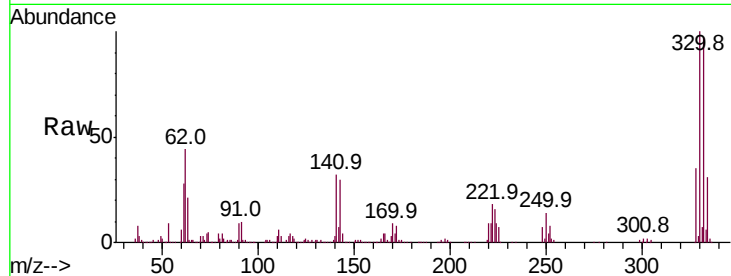


#42
 2,4,6-Tribromophenol
 Concen: 140.882 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017406.D
 Acq: 29 Oct 2018 13:53

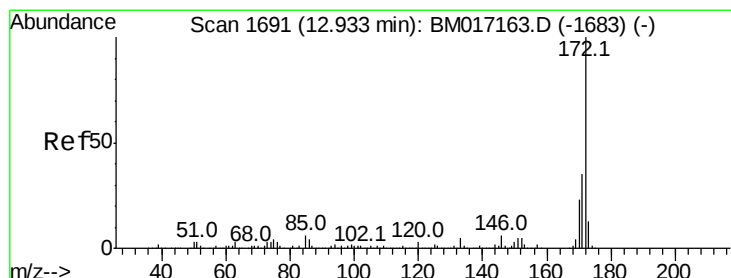
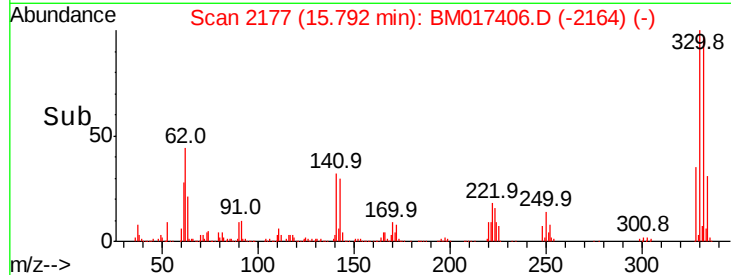
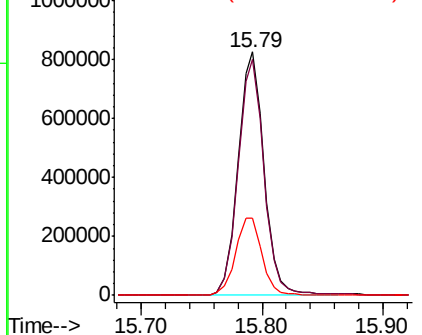
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1238909

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.0	27.4	41.0



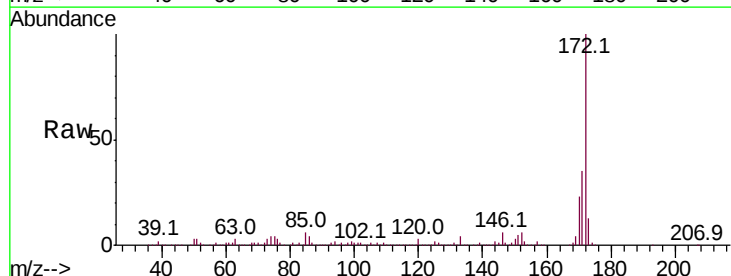
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



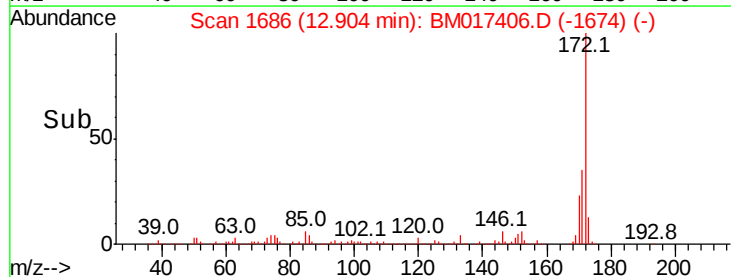
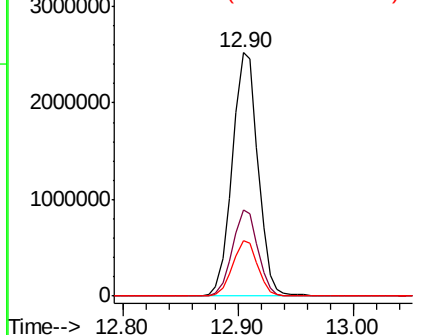
#45
 2-Fluorobiphenyl
 Concen: 79.711 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BM017406.D
 Acq: 29 Oct 2018 13:53

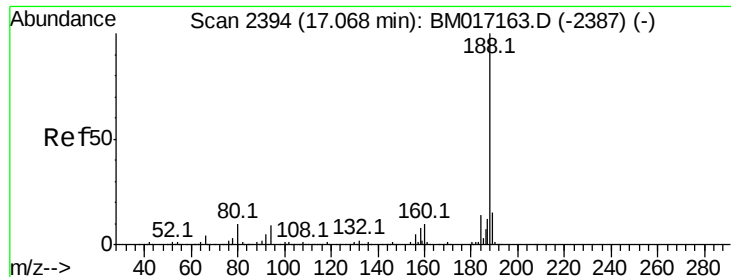
Tgt Ion:172 Resp: 3895673

Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

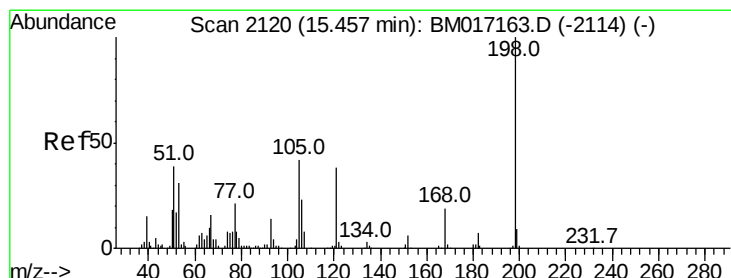
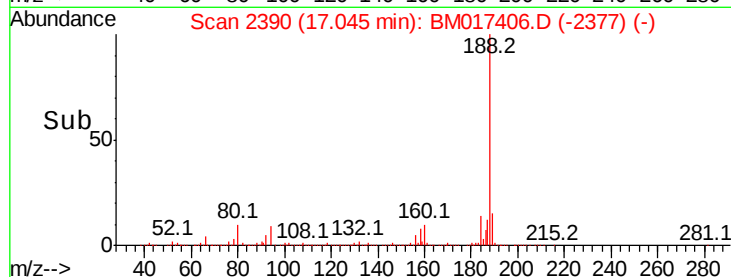
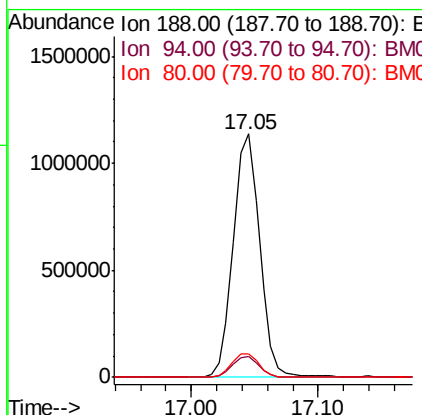
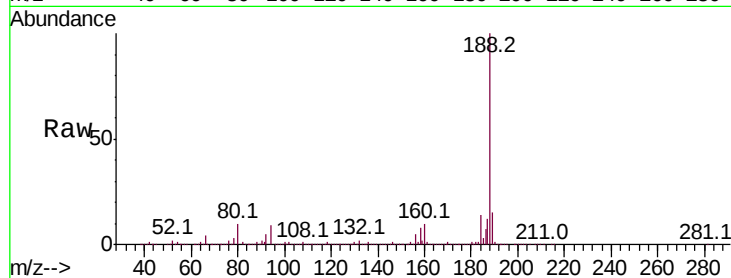




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

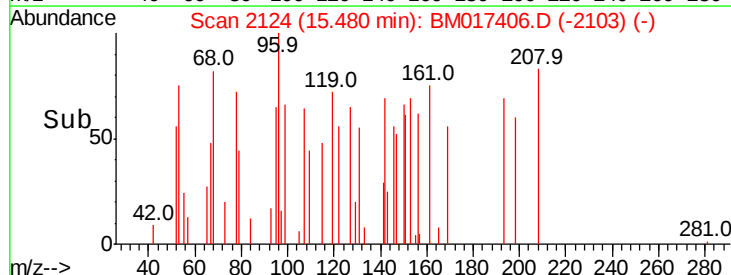
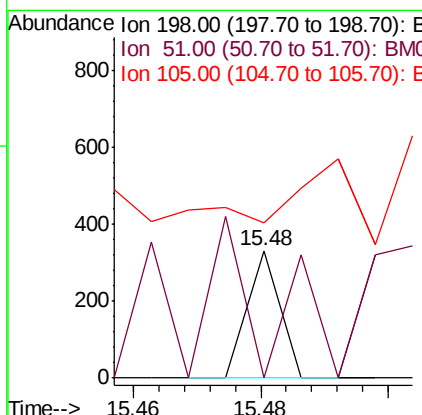
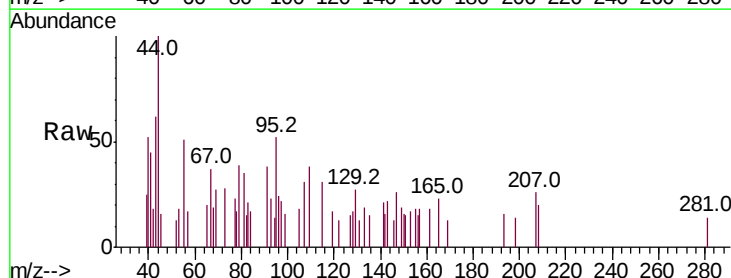
Instrument :
BNA_M
ClientSampleId :

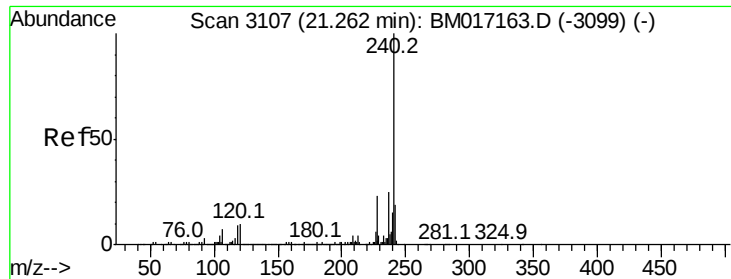
Tot Ion:188 Resp: 1642974
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.8 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 7.012 ng
RT: 15.48 min Scan# 2124
Delta R.T. 0.02 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

Tgt Ion:198 Resp: 117
Ion Ratio Lower Upper
198 100
51 0.0 20.3 60.3#
105 122.4 21.9 61.9#

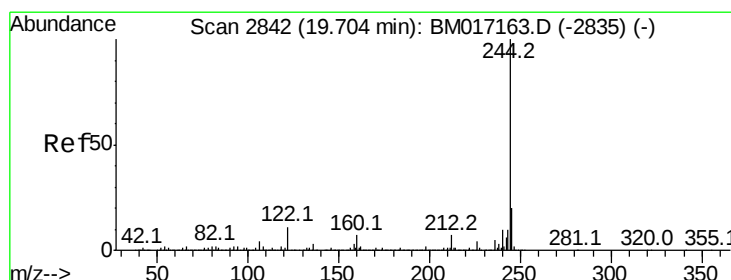
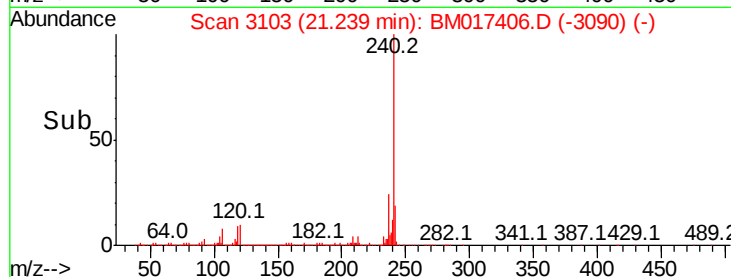
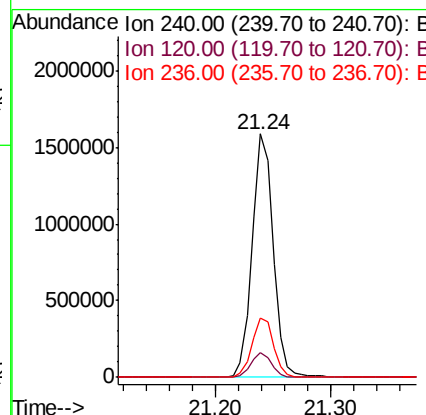
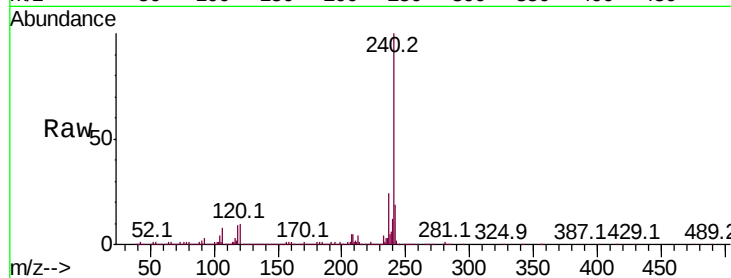




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.02 min
 Lab File: BM017406.D
 Acq: 29 Oct 2018 13:53

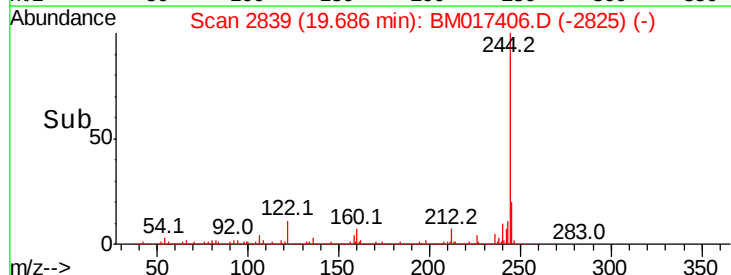
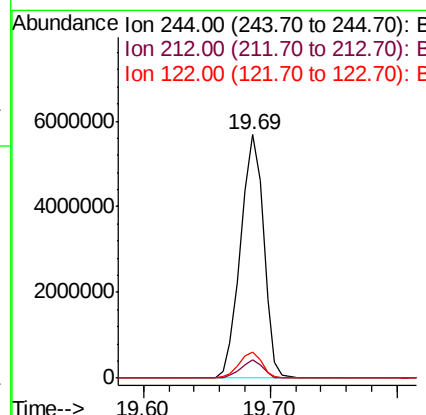
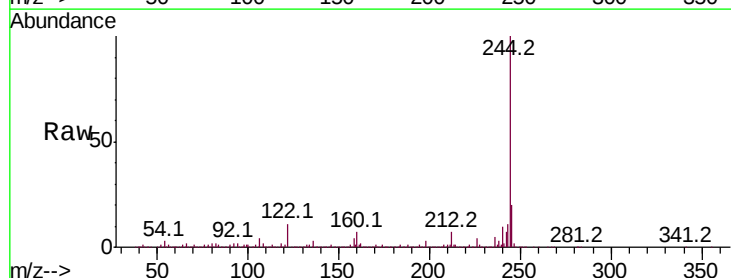
Instrument :
 BNA_M
 ClientSampleId :

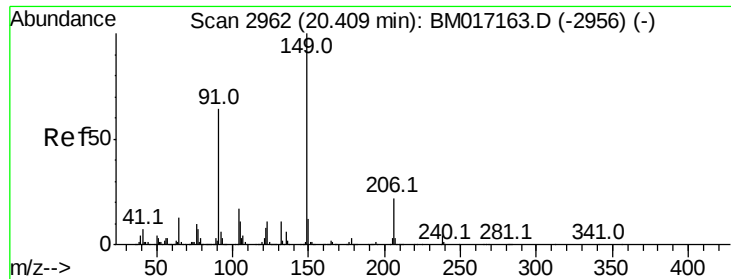
Tot Ion:240 Resp: 2012056
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 24.4 19.9 29.9



#79
 Terphenyl-d14
 Concen: 80.112 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BM017406.D
 Acq: 29 Oct 2018 13:53

Tgt Ion:244 Resp: 7151245
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.6 8.4 12.6





#80

Butylbenzylphthalate

Concen: 7.188 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017406.D

Acq: 29 Oct 2018 13:53

Instrument :

BNA_M

ClientSampleId :

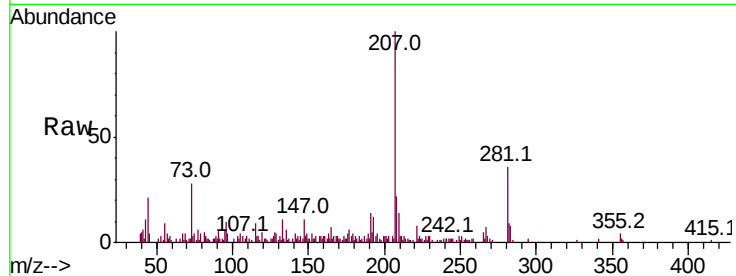
Tot Ion:149 Resp: 612

Ion Ratio Lower Upper

149 100

91 134.9 51.3 76.9#

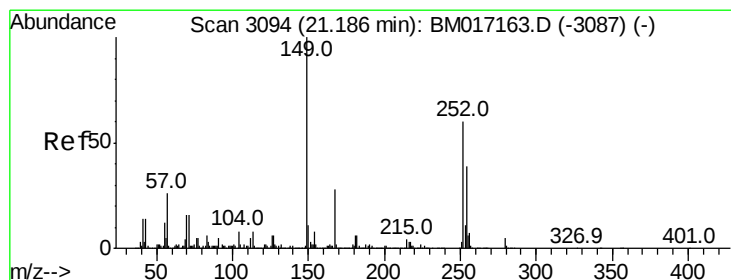
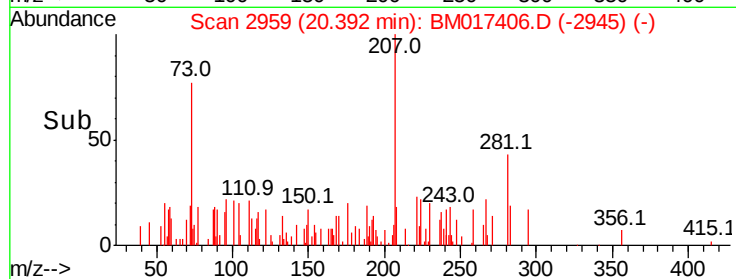
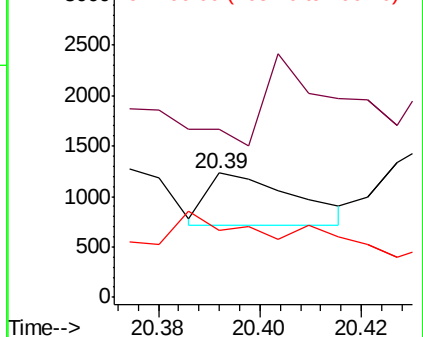
206 54.1 18.0 27.0#



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: 5.405 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017406.D

Acq: 29 Oct 2018 13:53

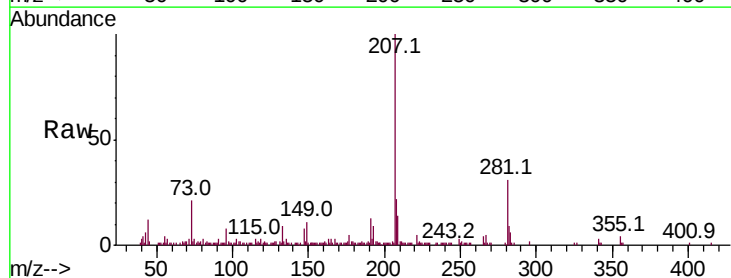
Tgt Ion:149 Resp: 7176

Ion Ratio Lower Upper

149 100

167 30.4 22.2 33.4

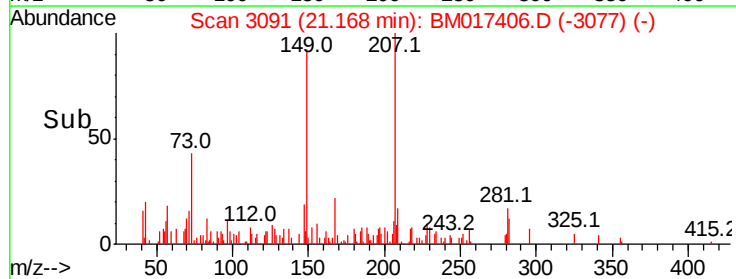
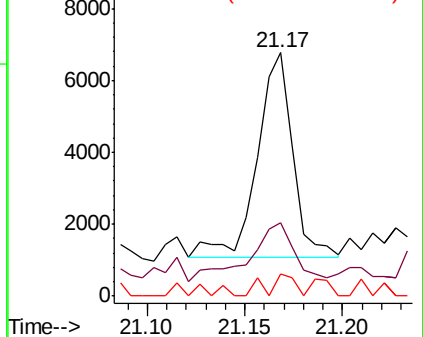
279 9.0 3.6 5.4#

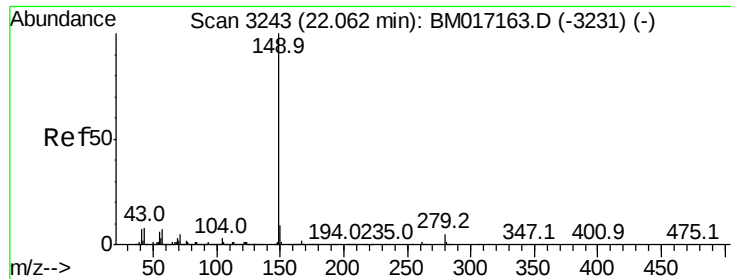


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

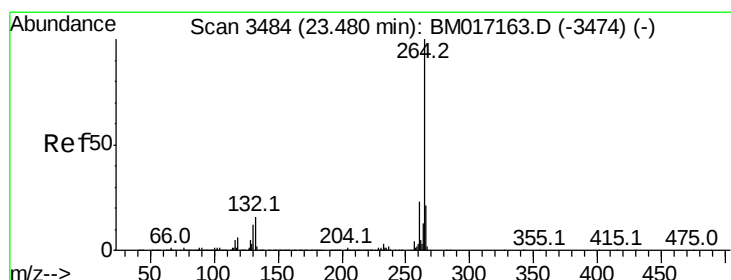
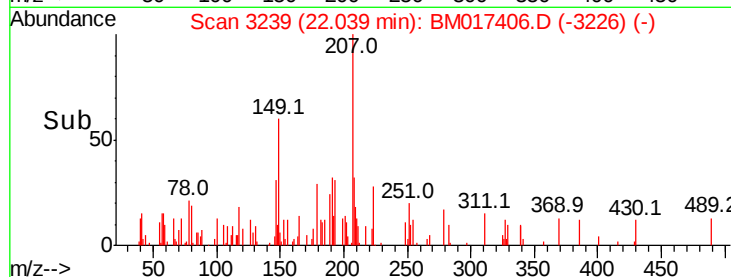
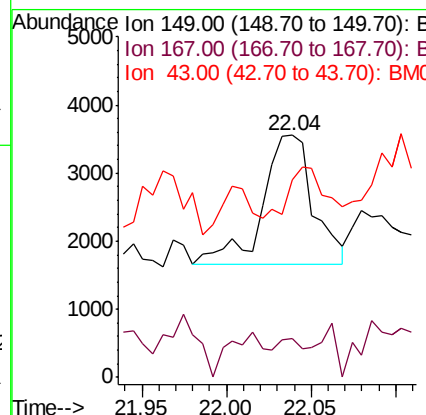
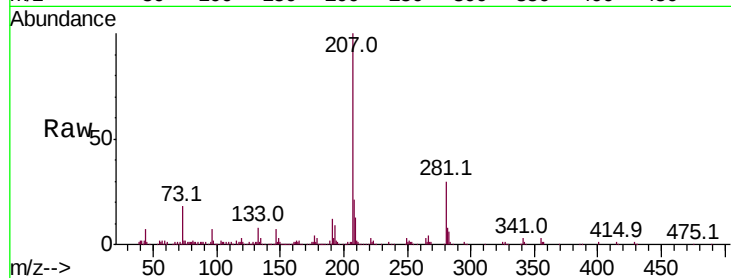




#85
Di-n-octyl phthalate
Concen: 5.603 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 3951
Ion Ratio Lower Upper
149 100
167 4.4 1.4 2.0#
43 26.8 7.2 10.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3479
Delta R.T. -0.03 min
Lab File: BM017406.D
Acq: 29 Oct 2018 13:53

Tgt Ion:264 Resp: 1803863
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 22.0 17.8 26.8

