

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017272.D
 Acq On : 20 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : PB113963TB
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 06:40:06 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

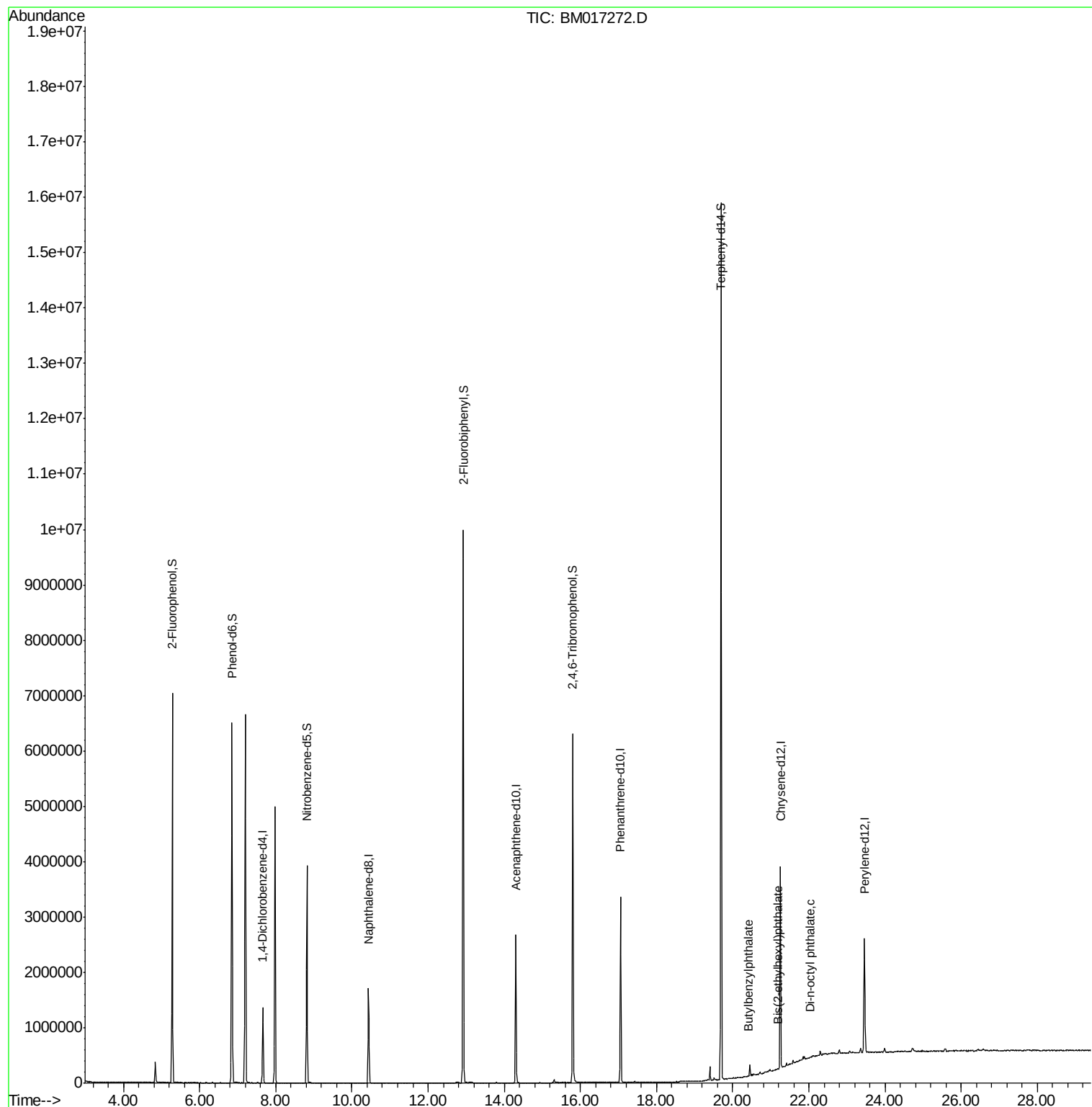
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	363955	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1425328	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	851752	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1940280	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1723591	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1505037	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2765716	128.53	ng	0.00
7) Phenol-d6	6.85	99	3636445	124.08	ng	0.00
23) Nitrobenzene-d5	8.82	82	2147724	88.13	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1168506	101.44	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	5204425	81.30	ng	-0.01
79) Terphenyl-d14	19.70	244	7342828	96.02	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	20.42	149	378	7.185	ng	# 80
84) Bis(2-ethylhexyl)phthalate	21.18	149	1593	5.333	ng	# 52
85) Di-n-octyl phthalate	22.05	149	898	5.580	ng	# 67

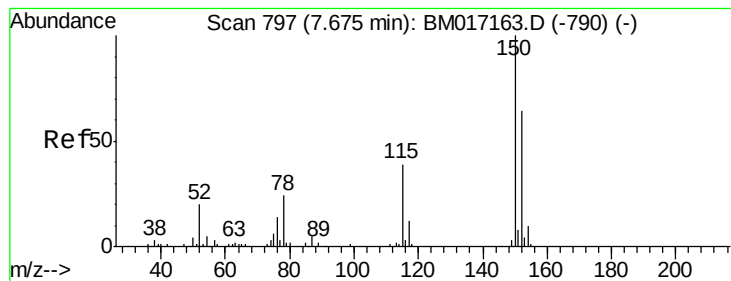
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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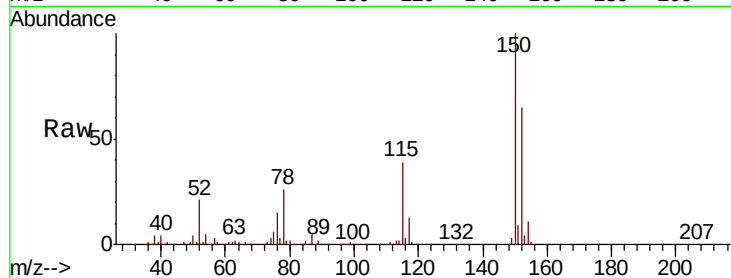


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	60.4	48.1	72.1

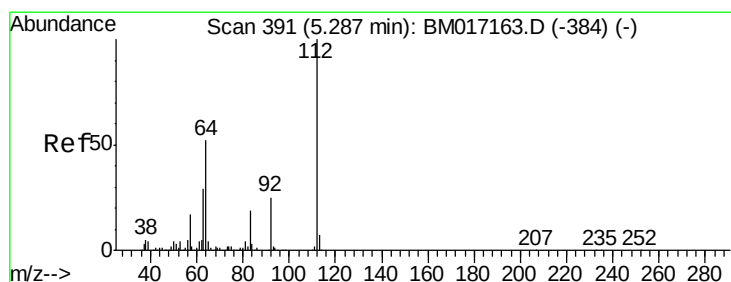
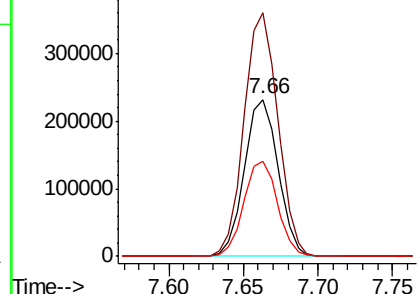
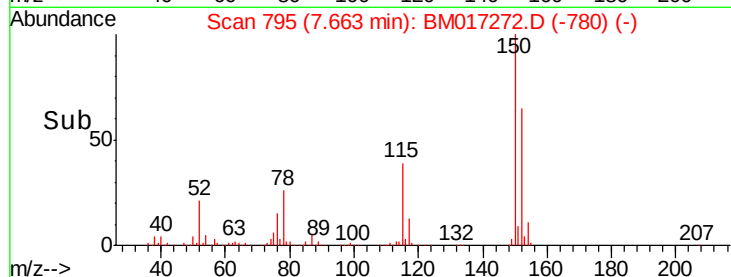


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

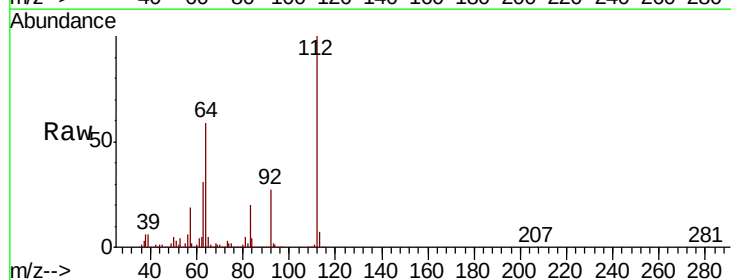
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.526 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	41.7	62.5
63	30.8	23.0	34.4

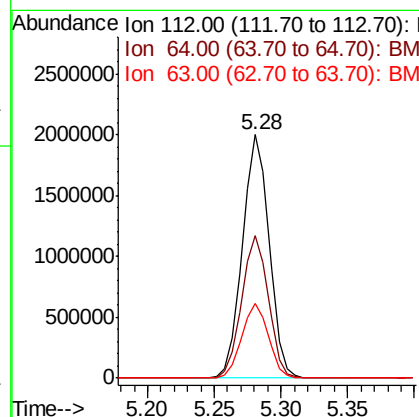
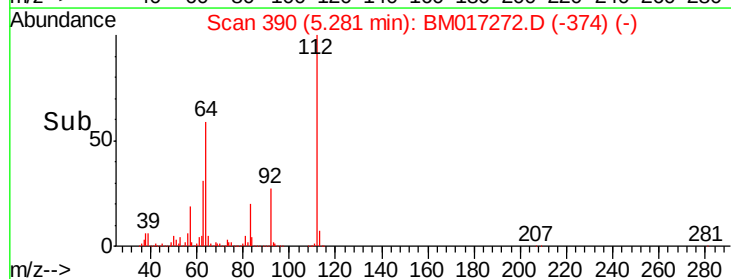


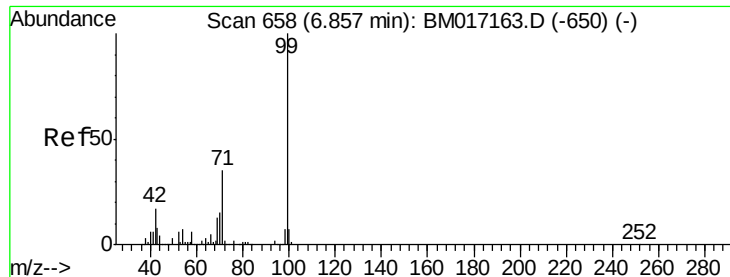
Abundance

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: 124.079 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017272.D

Acq: 20 Oct 2018 19:15

Instrument :

BNA_M

ClientSampleId :

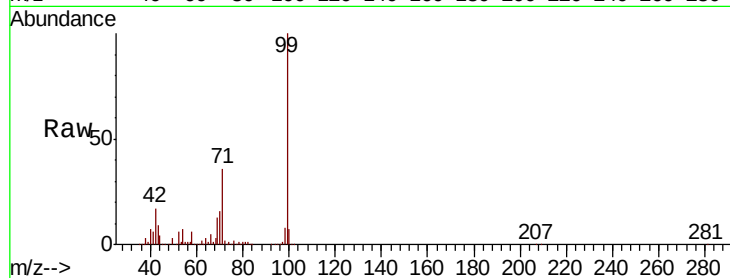
Tot Ion: 99 Resp: 3636445

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

71 36.1 28.0 42.0

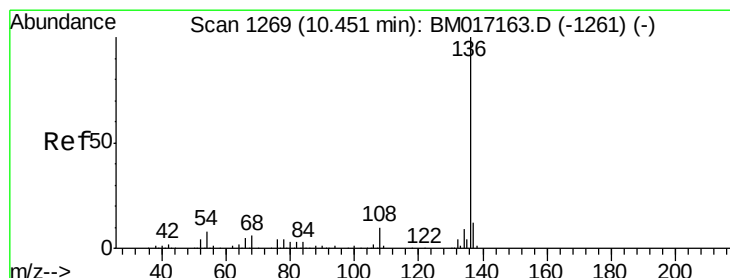
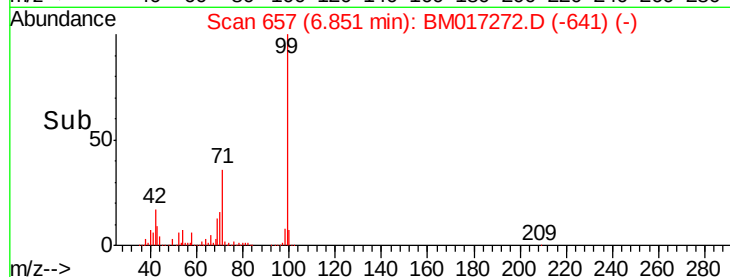
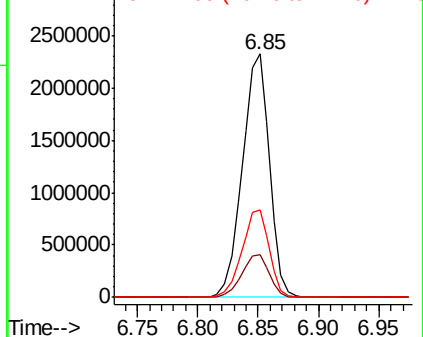


Abundance

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: BM017272.D

Acq: 20 Oct 2018 19:15

Tgt Ion: 136 Resp: 1425328

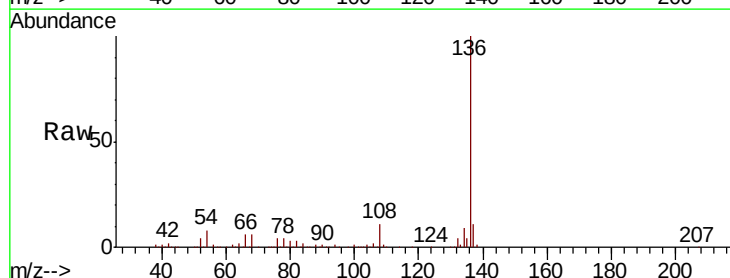
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.1 6.7 10.1

68 5.7 4.7 7.1



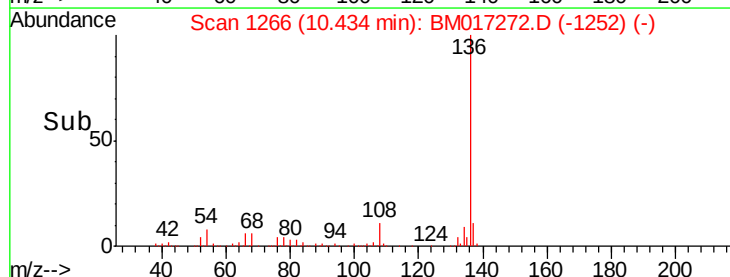
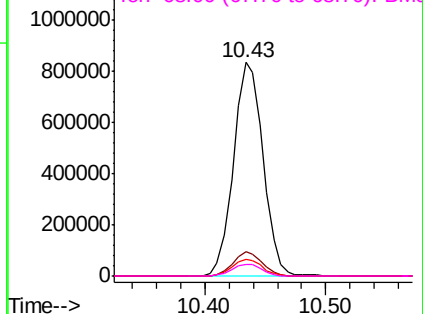
Abundance

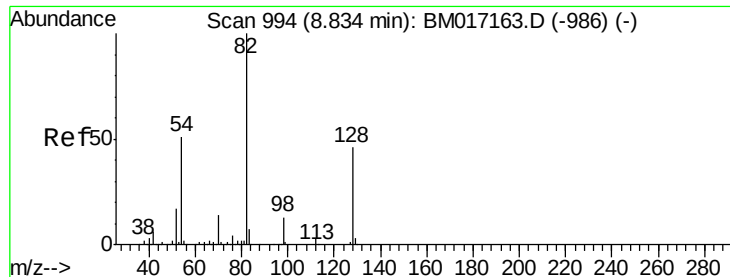
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

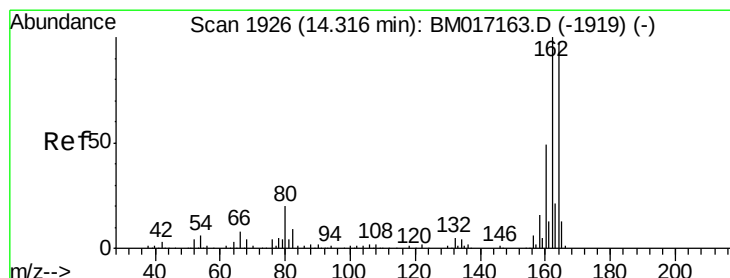
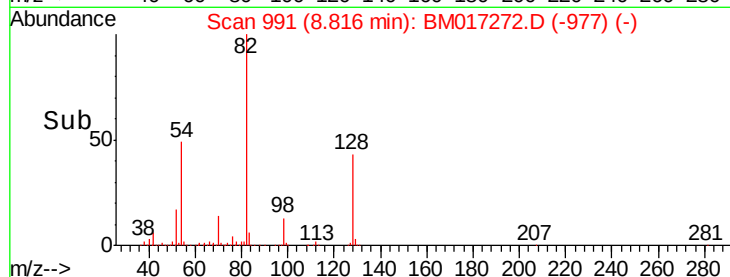
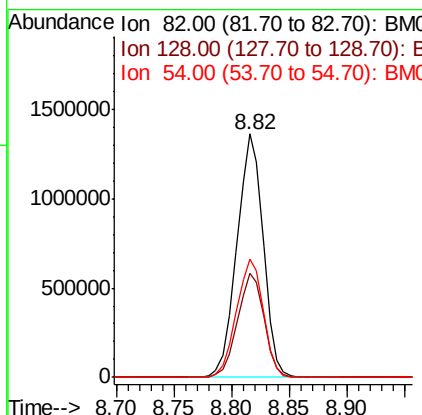
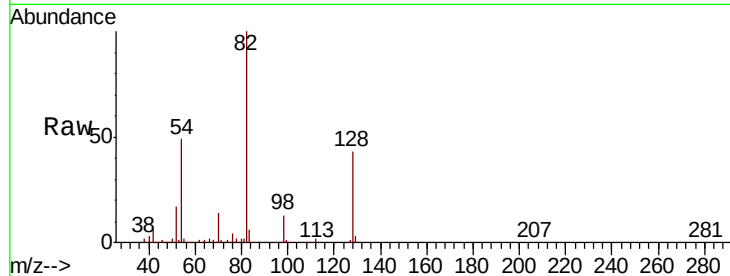




#23
Nitrobenzene-d5
Concen: 88.128 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

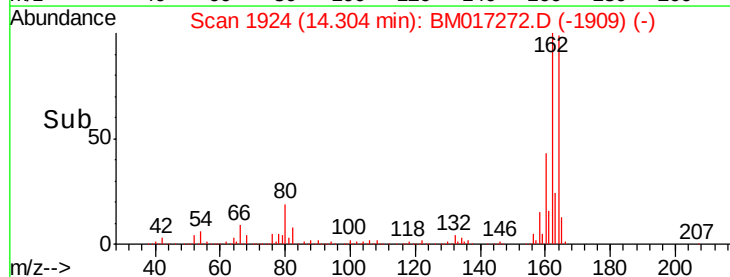
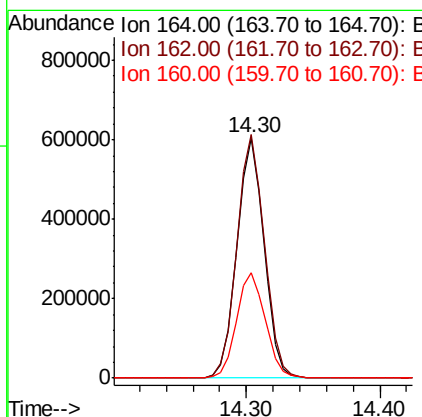
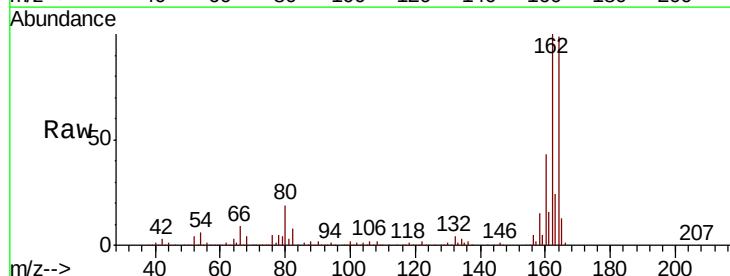
Instrument :
BNA_M
ClientSampleId :

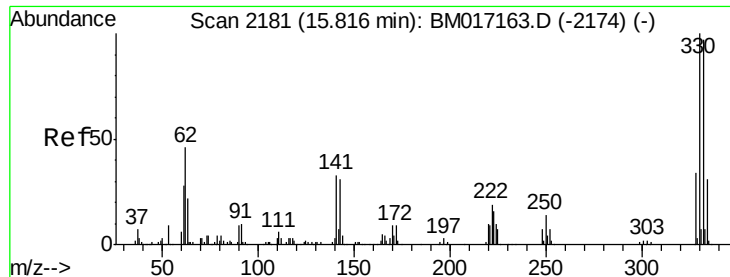
Tot Ion: 82 Resp: 2147724
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.6
54 48.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

Tgt Ion:164 Resp: 851752
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 44.1 40.2 60.2

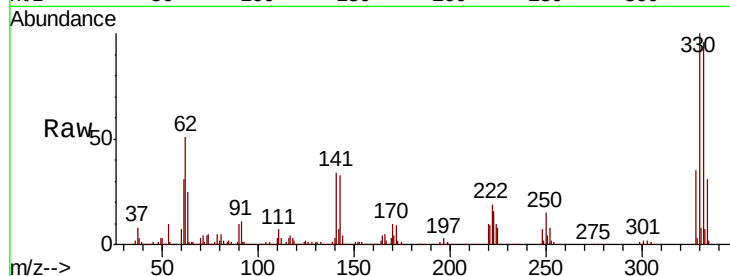




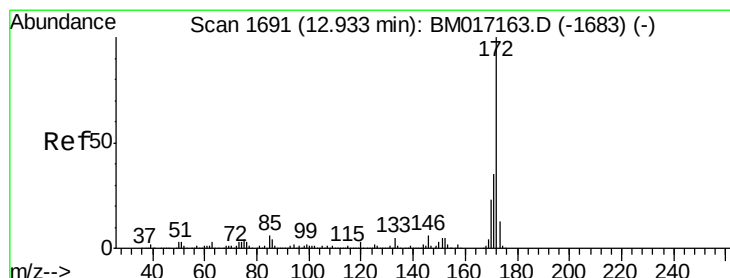
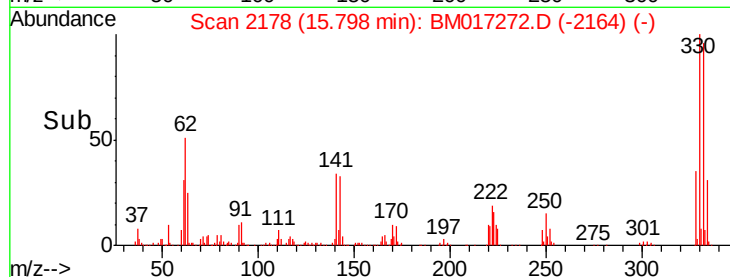
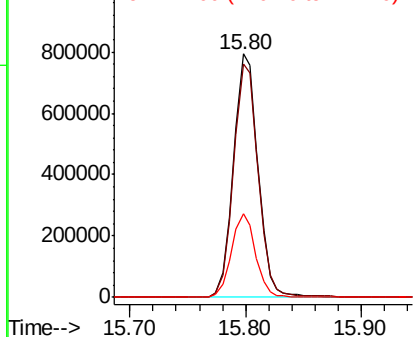
#42
 2,4,6-Tribromophenol
 Concen: 101.444 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017272.D
 Acq: 20 Oct 2018 19:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1168506
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 33.9 27.4 41.0

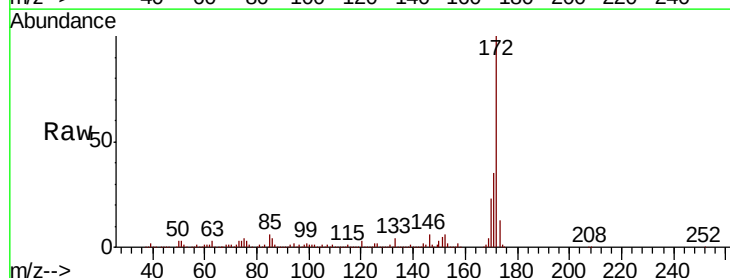


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

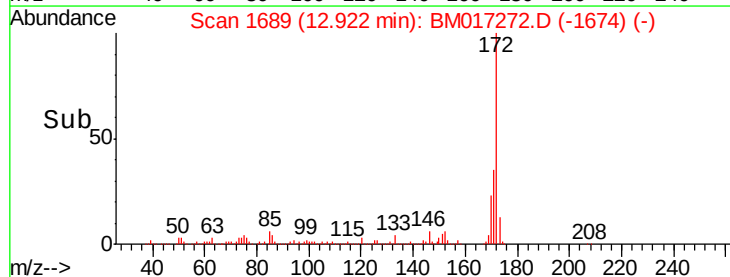
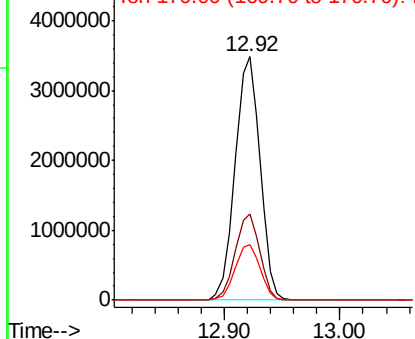


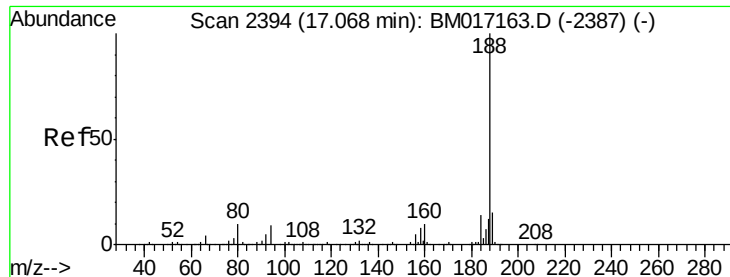
#45
 2-Fluorobiphenyl
 Concen: 81.300 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017272.D
 Acq: 20 Oct 2018 19:15

Tgt Ion:172 Resp: 5204425
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.9 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

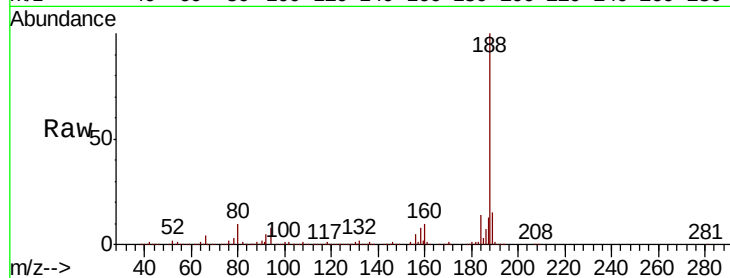




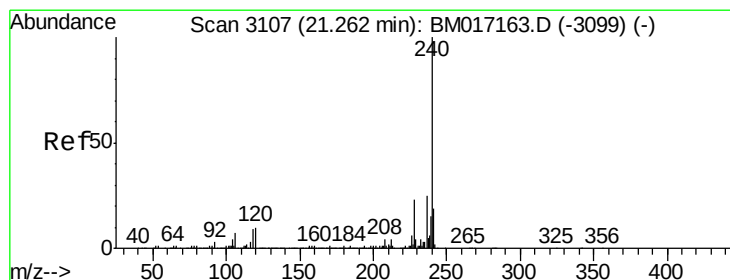
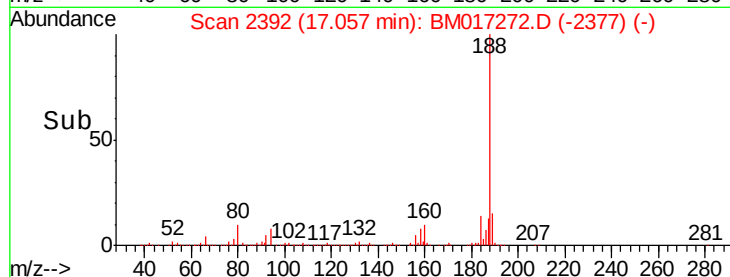
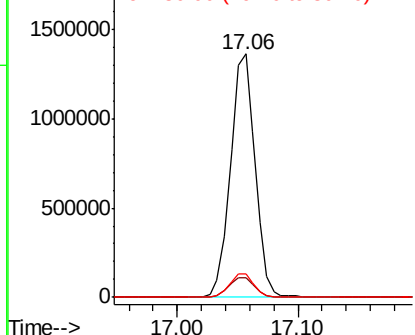
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1940280
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.6 7.7 11.5

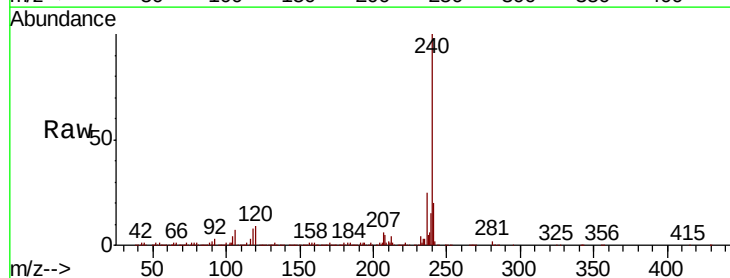


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

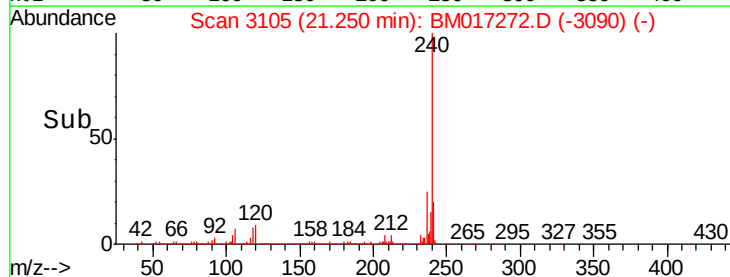
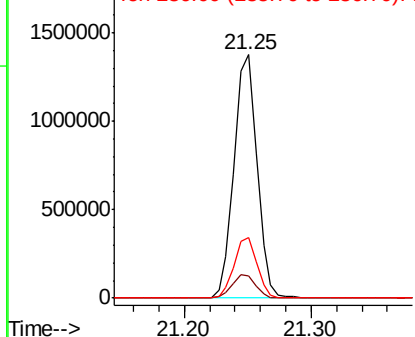


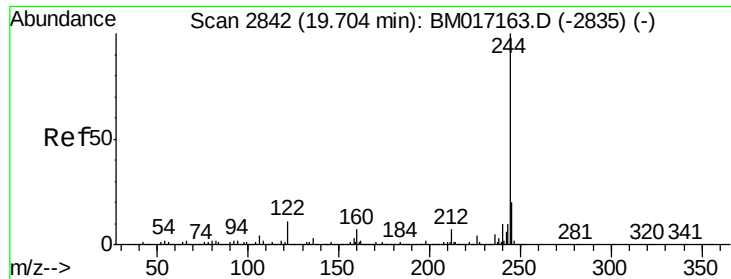
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

Tgt Ion:240 Resp: 1723591
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 24.9 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: 96.025 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017272.D

Acq: 20 Oct 2018 19:15

Instrument :

BNA_M

ClientSampleId :

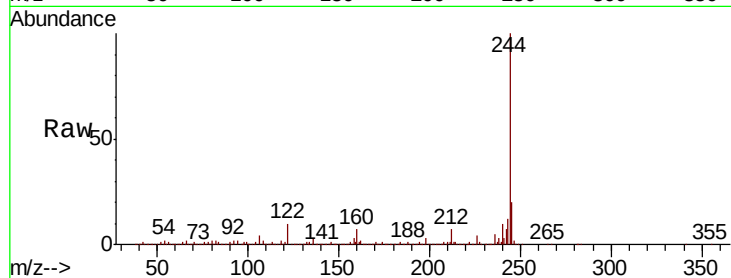
Tot Ion:244 Resp: 7342828

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

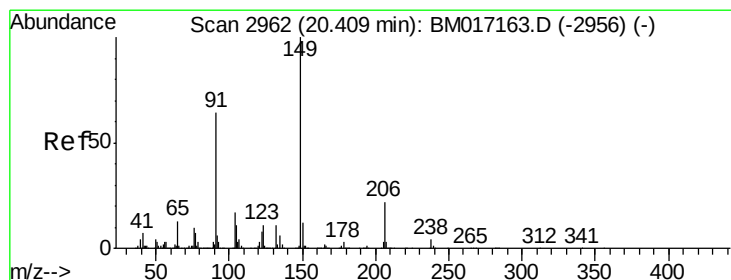
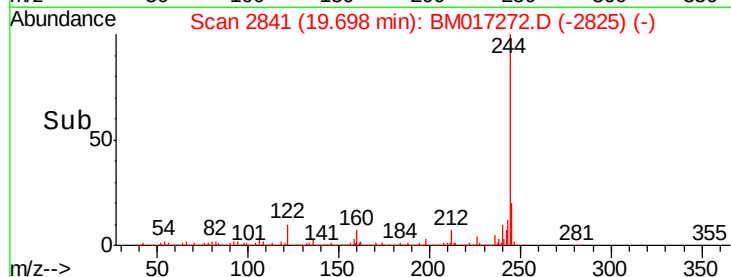
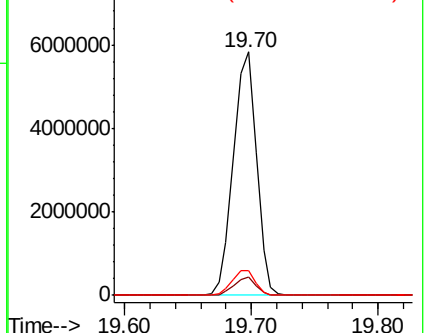
122 10.0 8.4 12.6



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: 7.185 ng

RT: 20.42 min Scan# 2963

Delta R.T. 0.01 min

Lab File: BM017272.D

Acq: 20 Oct 2018 19:15

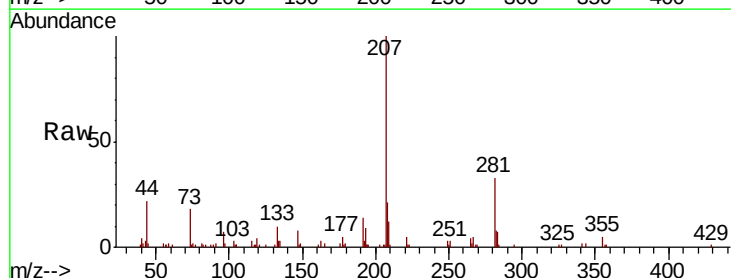
Tgt Ion:149 Resp: 378

Ion Ratio Lower Upper

149 100

91 73.4 51.3 76.9

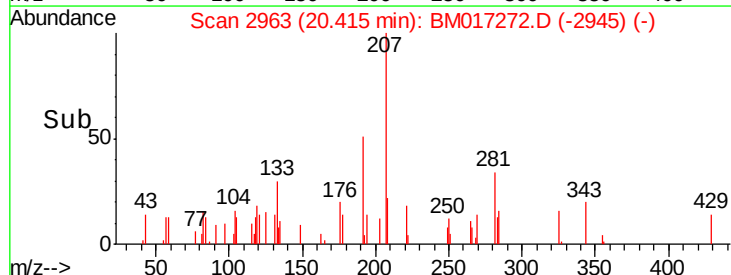
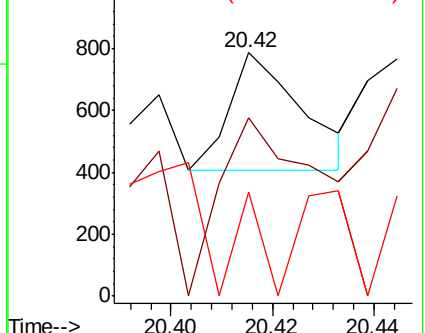
206 42.6 18.0 27.0#

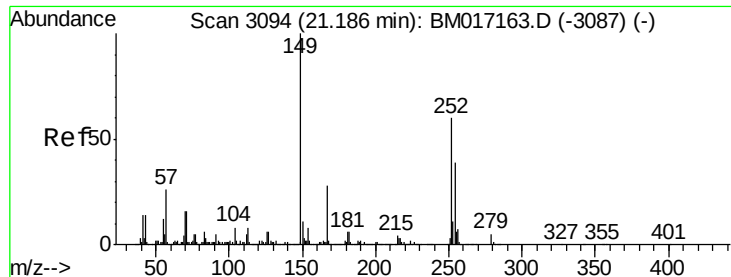


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

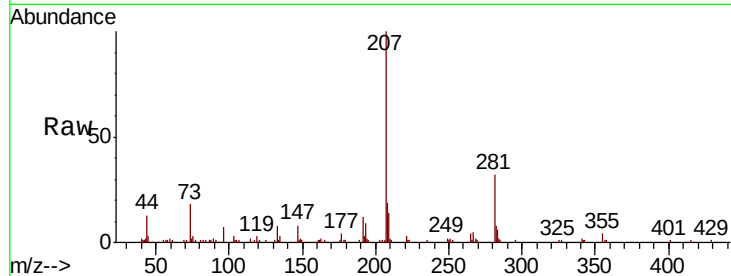




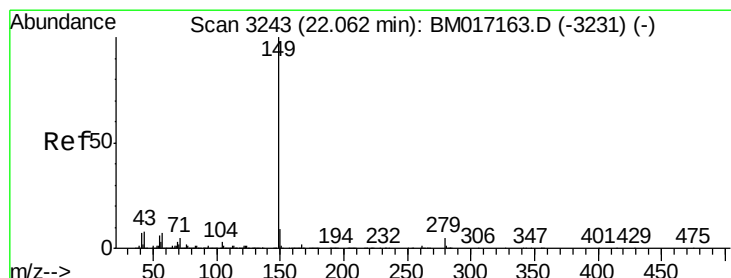
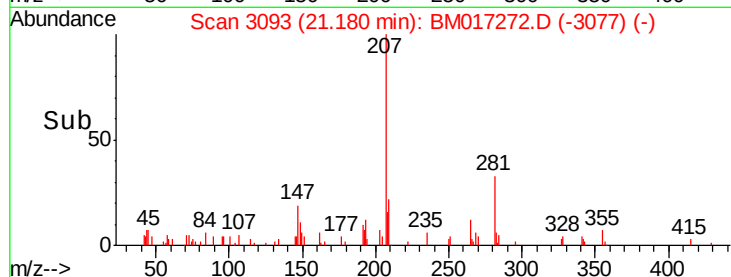
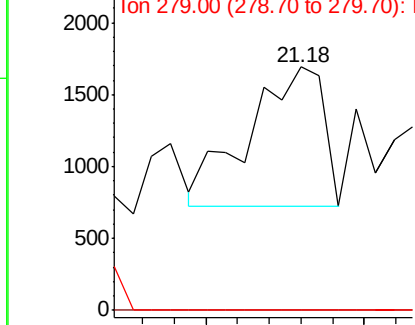
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.333 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017272.D
 Acq: 20 Oct 2018 19:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 1593
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.2 33.4#
 279 0.0 3.6 5.4#

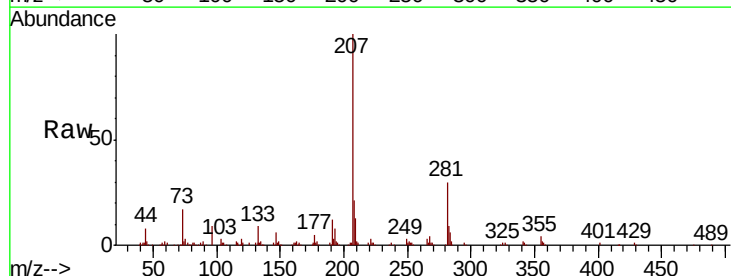


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

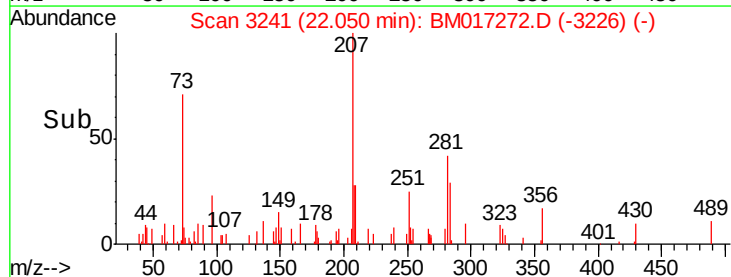
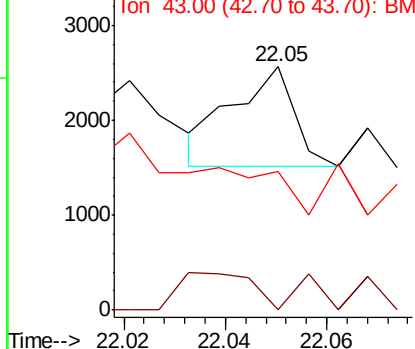


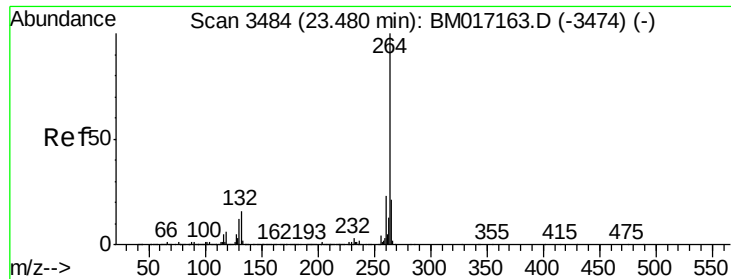
#85
 Di-n-octyl phthalate
 Concen: 5.580 ng
 RT: 22.05 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BM017272.D
 Acq: 20 Oct 2018 19:15

Tgt Ion:149 Resp: 898
 Ion Ratio Lower Upper
 149 100
 167 28.7 1.4 2.0#
 43 0.0 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): BM





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017272.D
Acq: 20 Oct 2018 19:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1505037

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.6	17.8	26.8

