

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017404.D
 Acq On : 29 Oct 2018 12:35
 Operator : MJ/SJ
 Sample : PB114216BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 15:07:24 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

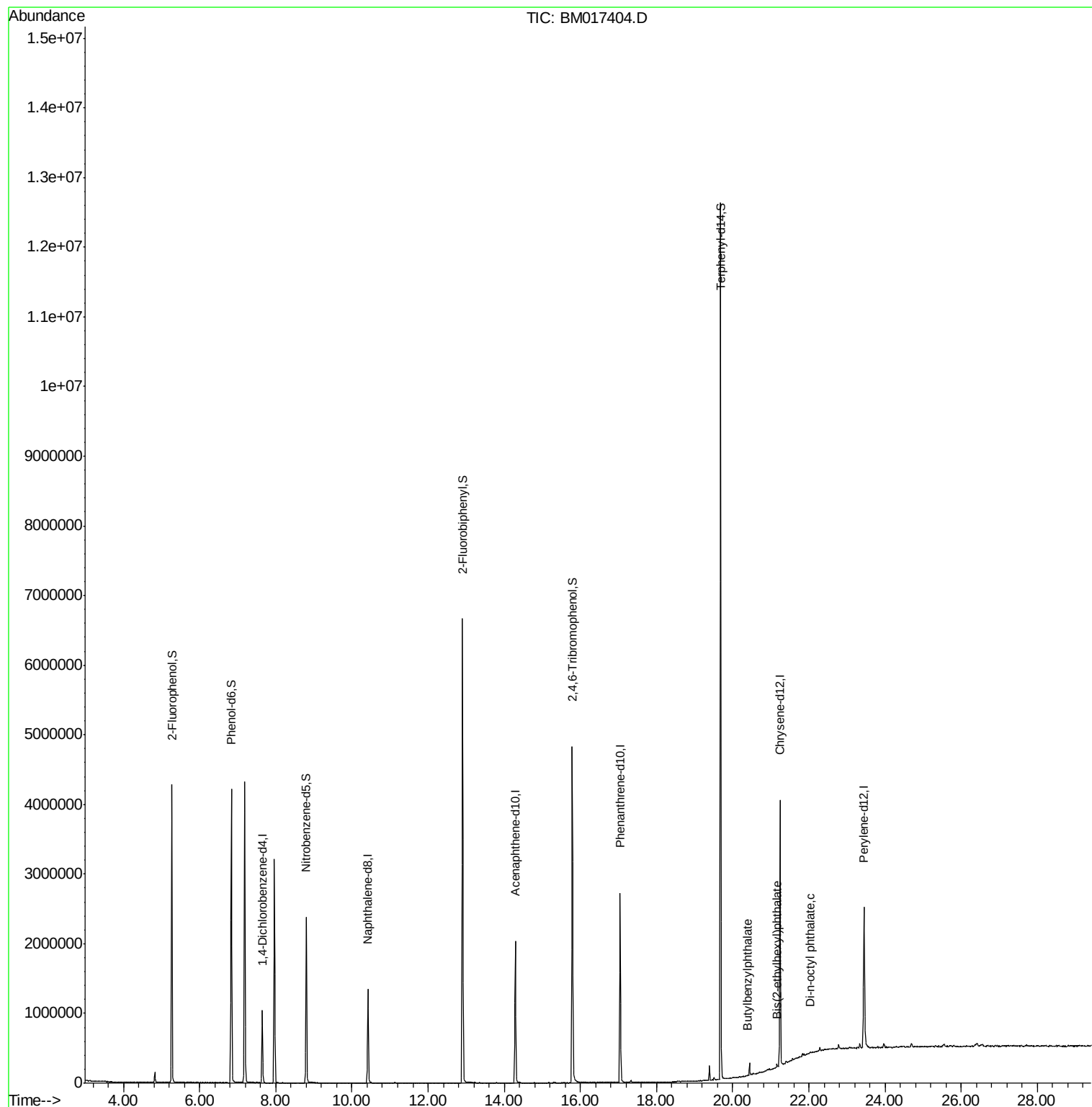
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	275523	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	1148692	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	696483	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1690732	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1847877	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1575438	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1759125	107.99	ng	-0.02
7) Phenol-d6	6.83	99	2358795	106.32	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1407182	71.65	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1017092	107.98	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3555693	67.93	ng	-0.03
79) Terphenyl-d14	19.69	244	5951236	72.59	ng	-0.02
Target Compounds						
80) Butylbenzylphthalate	20.39	149	525	7.187	ng	# 86
84) Bis(2-ethylhexyl)phthalate	21.16	149	13517	5.508	ng	100
85) Di-n-octyl phthalate	22.04	149	14610	5.698	ng	# 72

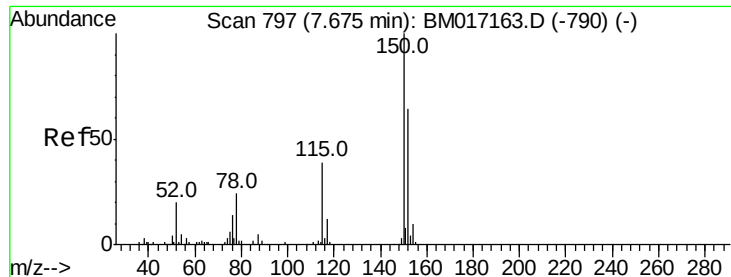
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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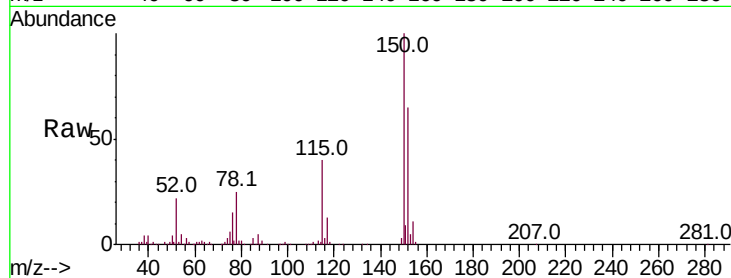


#1

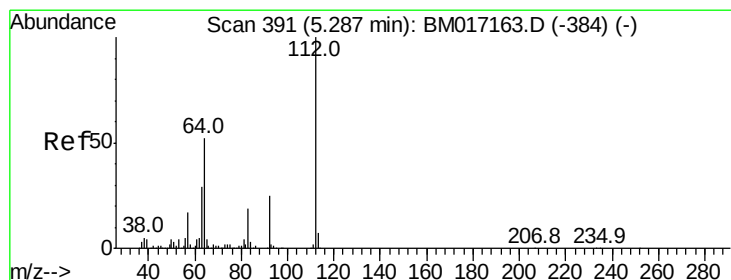
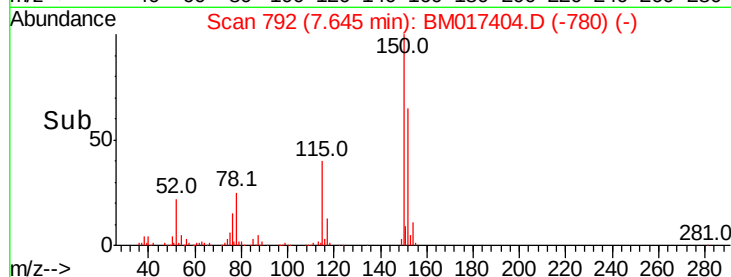
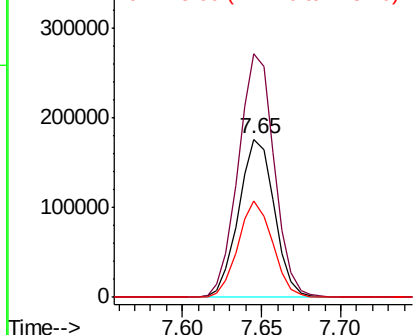
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.03 min
Lab File: BM017404.D
Acq: 29 Oct 2018 12:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 275523
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 61.3 48.1 72.1



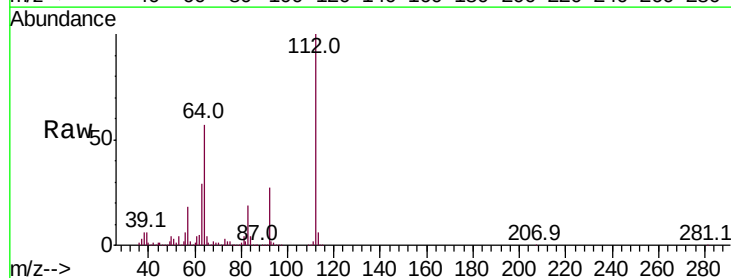
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



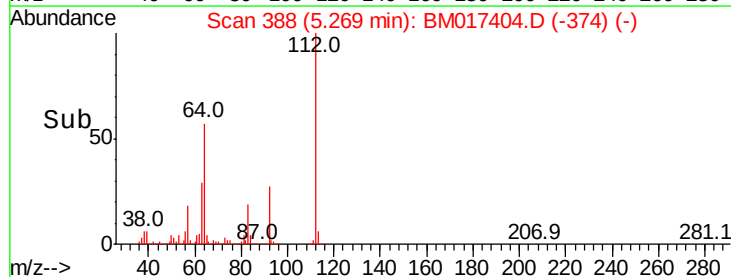
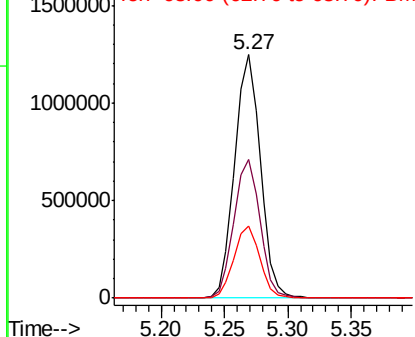
#5

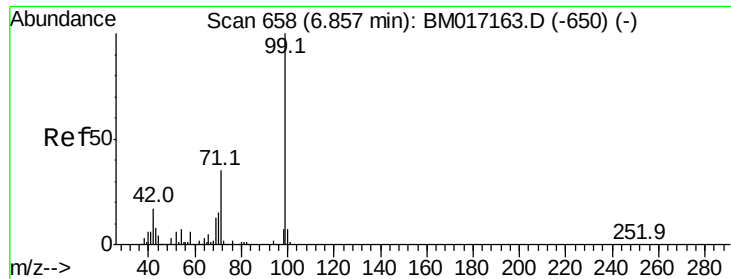
2-Fluorophenol
Concen: 107.986 ng
RT: 5.27 min Scan# 388
Delta R.T. -0.02 min
Lab File: BM017404.D
Acq: 29 Oct 2018 12:35

Tgt Ion:112 Resp: 1759125
Ion Ratio Lower Upper
112 100
64 57.2 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: 106.317 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

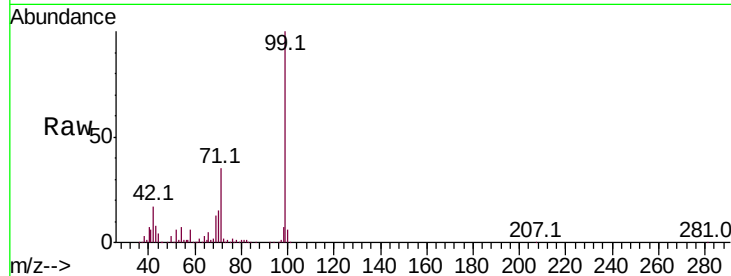
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2358795

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	34.9	28.0	42.0

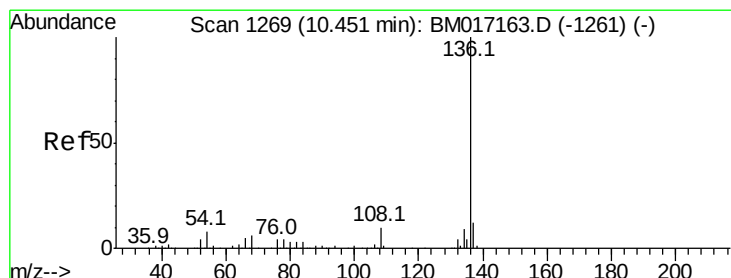
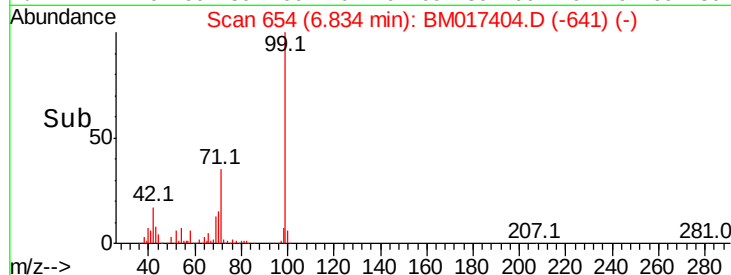
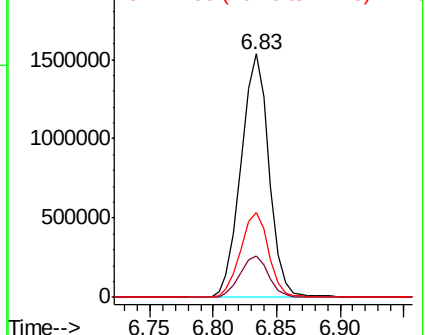


Abundance

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

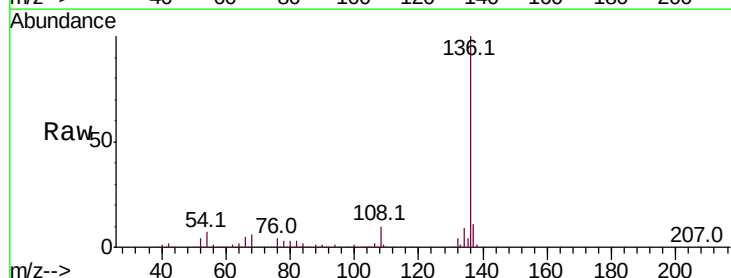
Delta R.T. -0.03 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

Tgt Ion: 136 Resp: 1148692

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	6.7	10.1
68	5.7	4.7	7.1



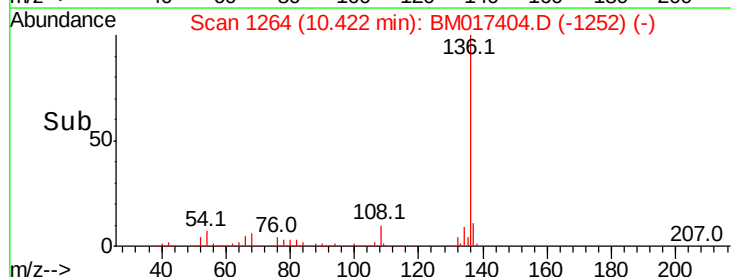
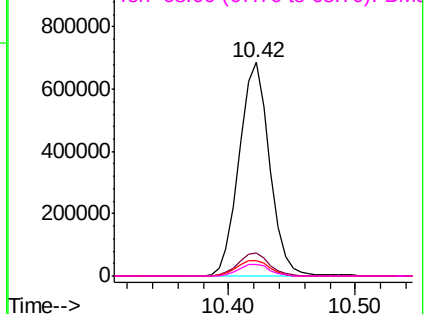
Abundance

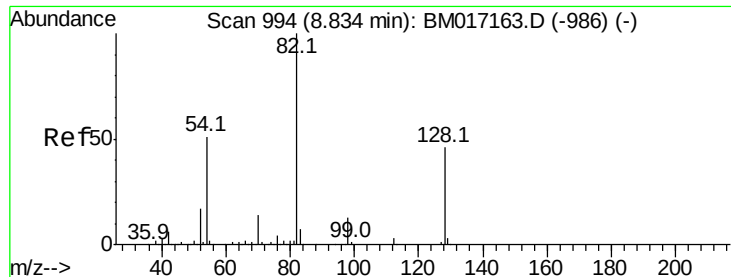
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

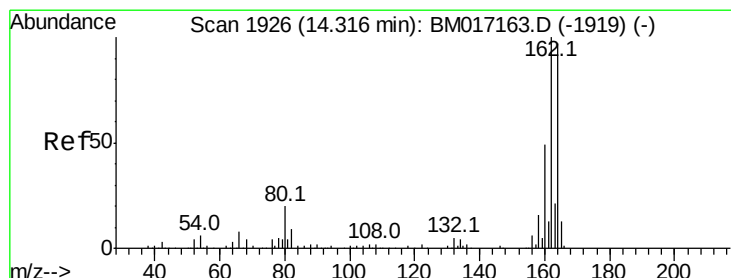
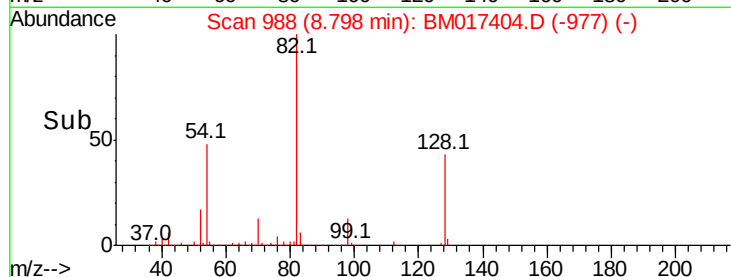
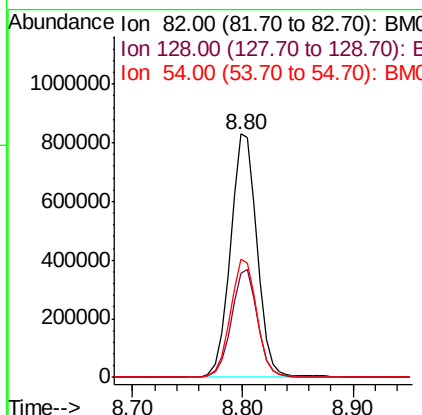
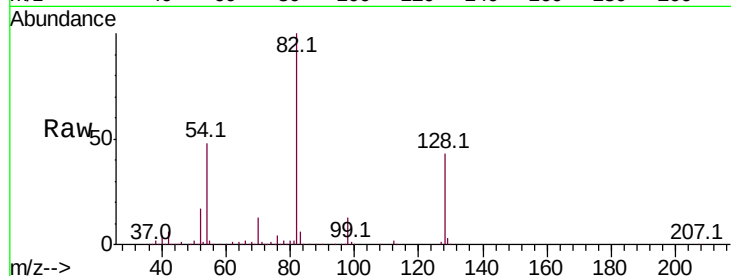




#23
 Nitrobenzene-d5
 Concen: 71.647 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

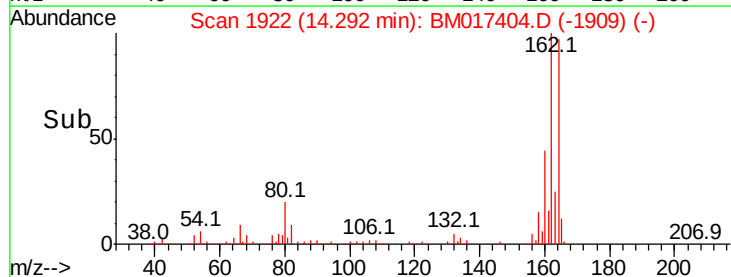
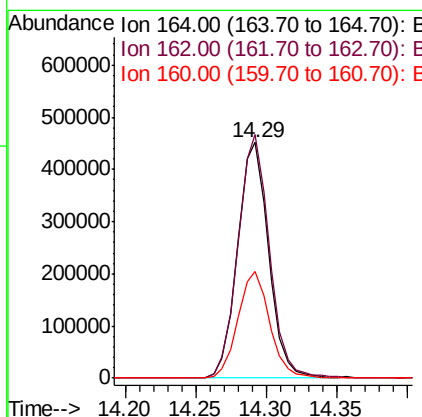
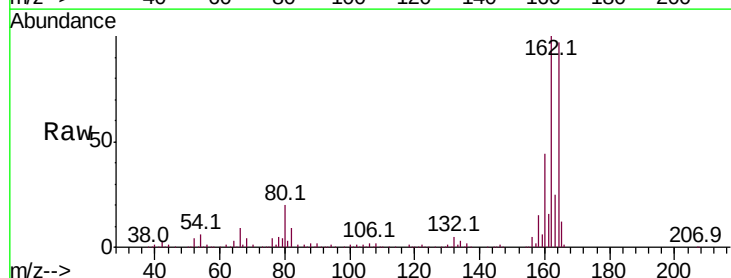
Instrument :
 BNA_M
 ClientSampled :

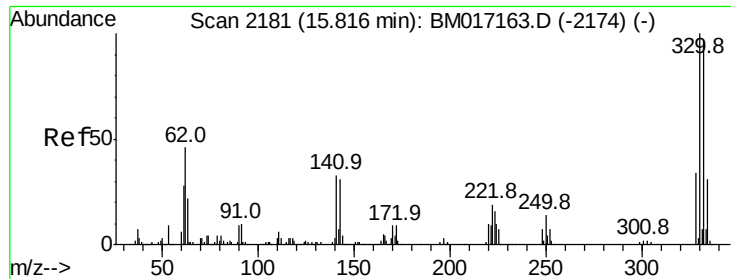
Tot Ion: 82 Resp: 1407182
 Ion Ratio Lower Upper
 82 100
 128 42.8 37.0 55.6
 54 48.5 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:164 Resp: 696483
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.1 123.1
 160 45.0 40.2 60.2

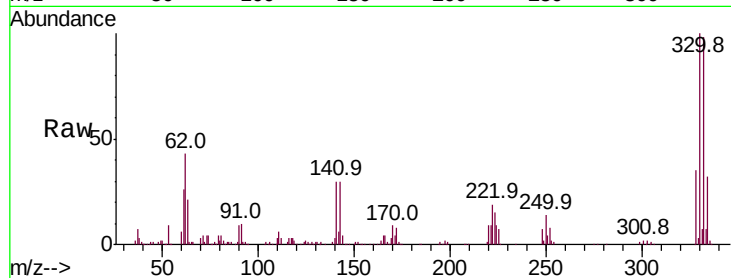




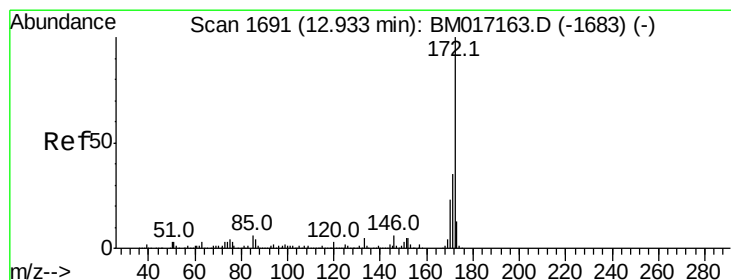
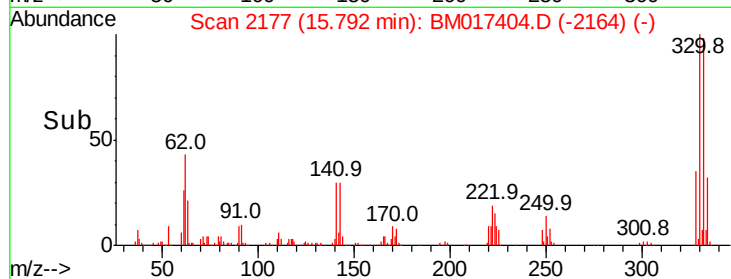
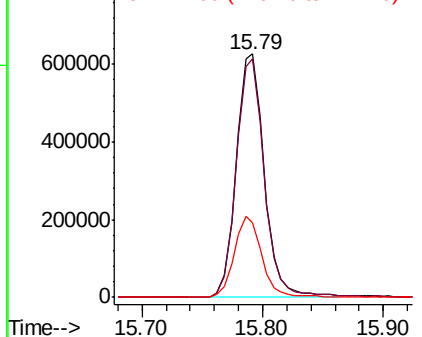
#42
 2,4,6-Tribromophenol
 Concen: 107.984 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1017092
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 32.4 27.4 41.0

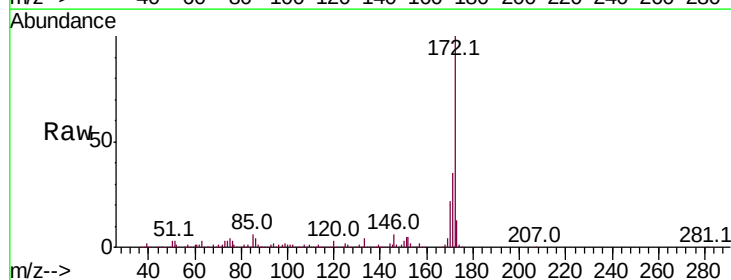


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

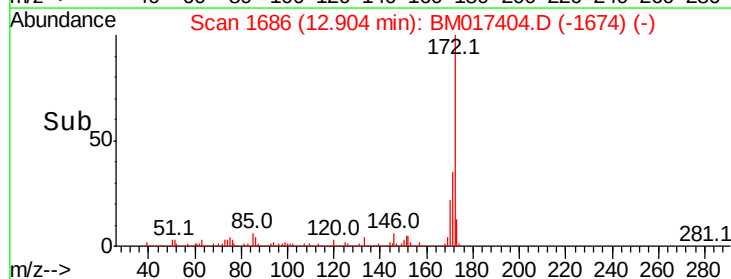
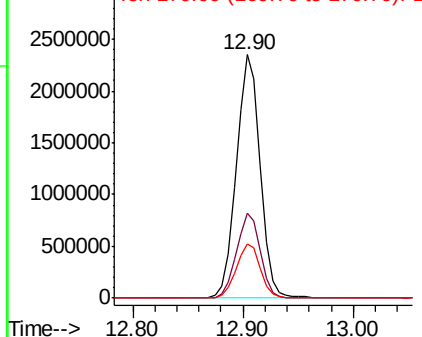


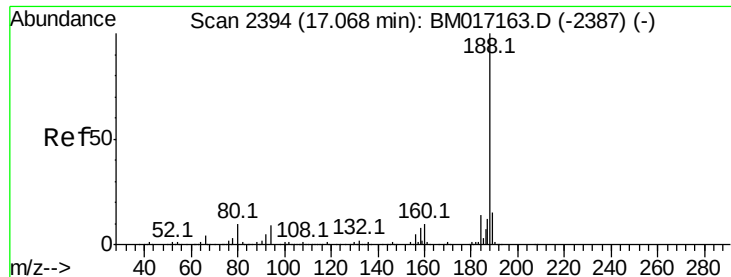
#45
 2-Fluorobiphenyl
 Concen: 67.927 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:172 Resp: 3555693
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 22.5 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

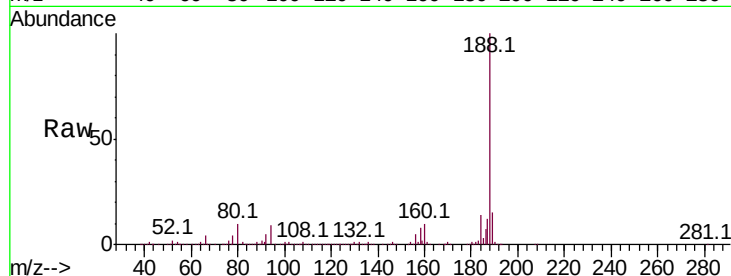




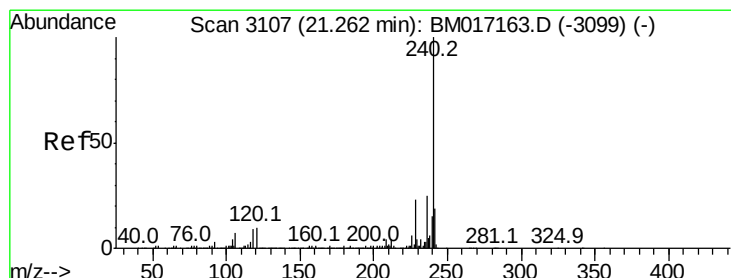
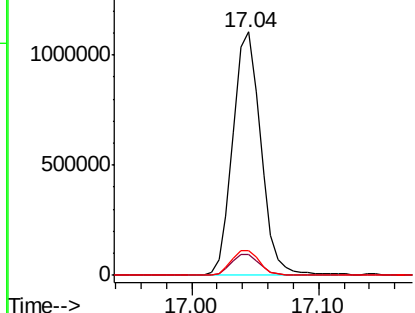
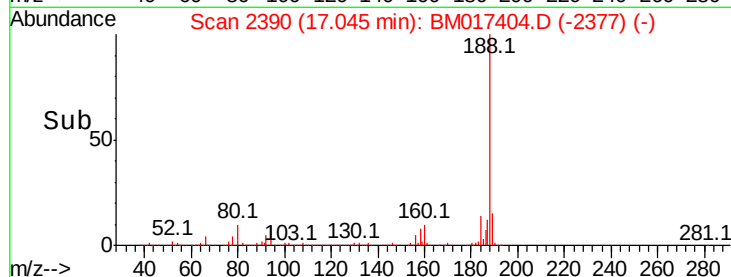
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.04 min Scan# 2390
 Delta R.T. -0.02 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:188 Resp: 1690732
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.4
 80 10.0 7.7 11.5

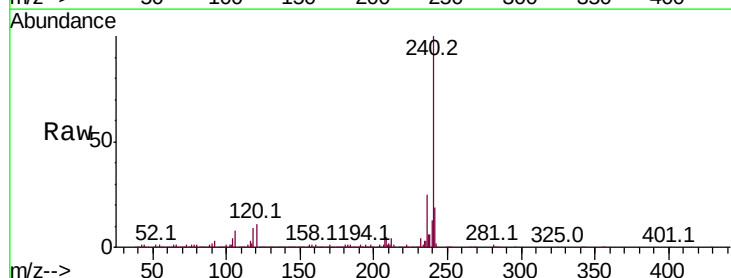


Abundance Ion 188.00 (187.70 to 188.70): E
 1500000 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

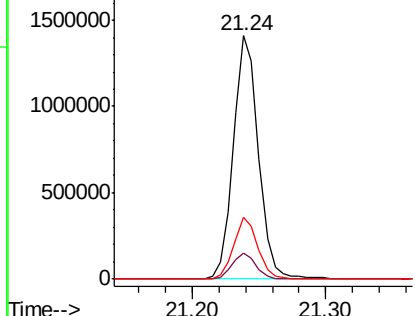
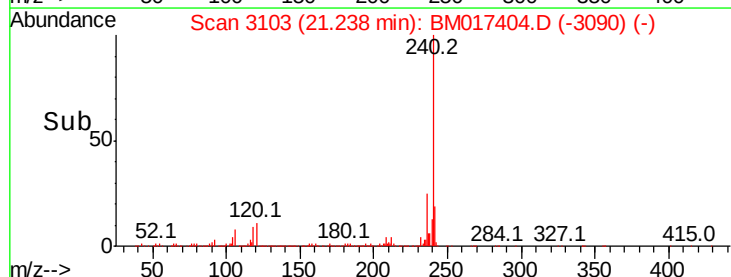


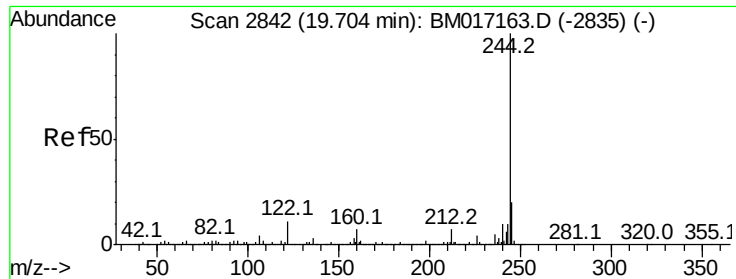
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.02 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Tgt Ion:240 Resp: 1847877
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 25.2 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: 72.592 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

Instrument :

BNA_M

ClientSampleId :

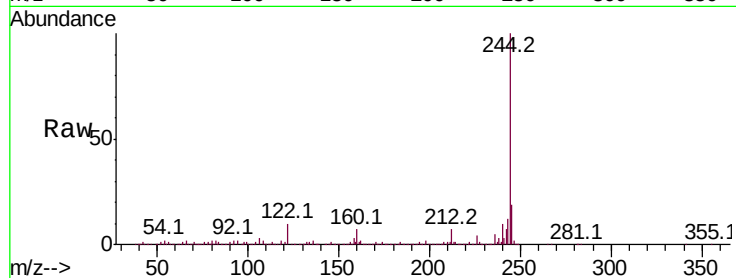
Tot Ion:244 Resp: 5951236

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

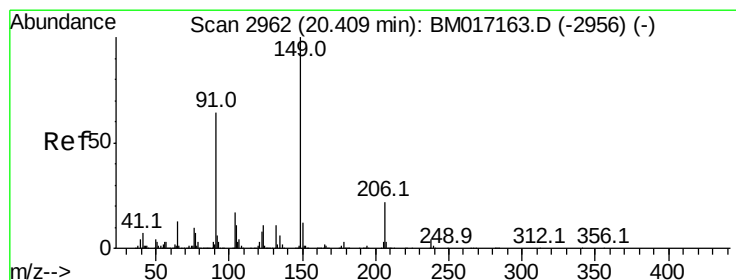
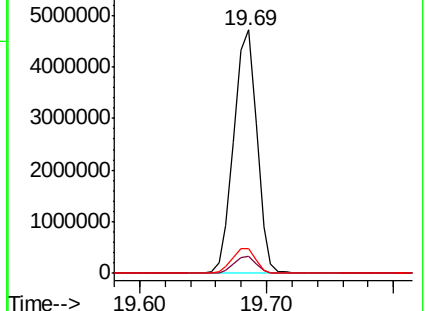
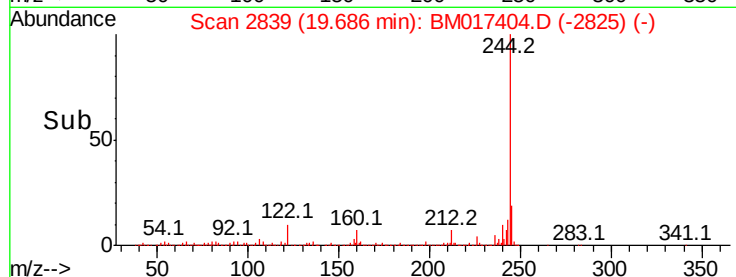
122 10.0 8.4 12.6



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: 7.187 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

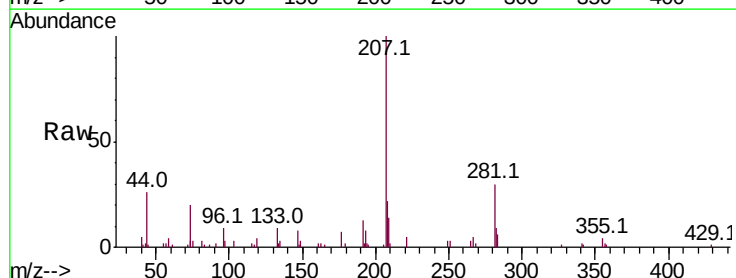
Tgt Ion:149 Resp: 525

Ion Ratio Lower Upper

149 100

91 62.1 51.3 76.9

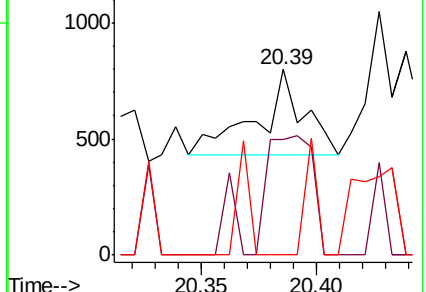
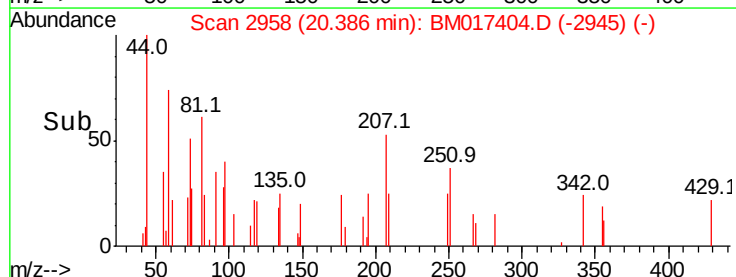
206 0.0 18.0 27.0#

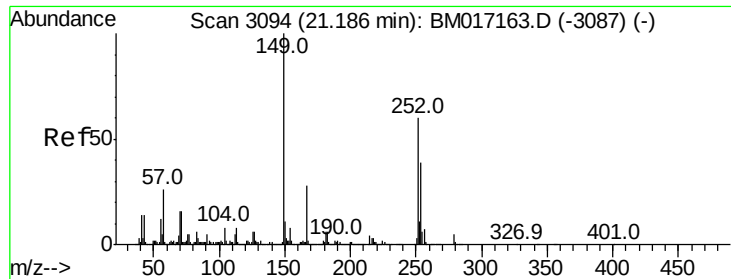


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.508 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

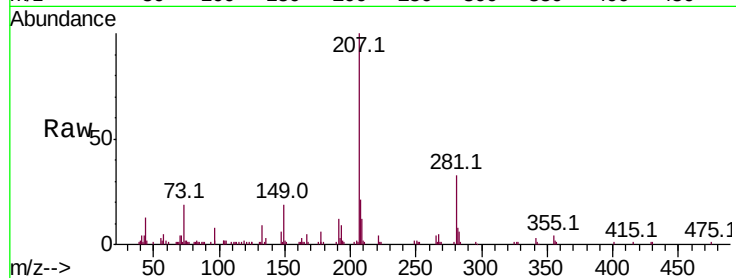
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 13517

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.1	3.6	5.4

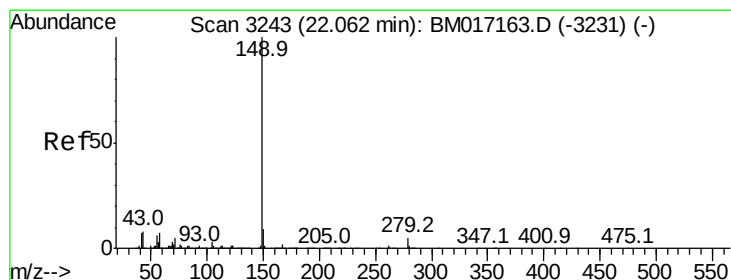
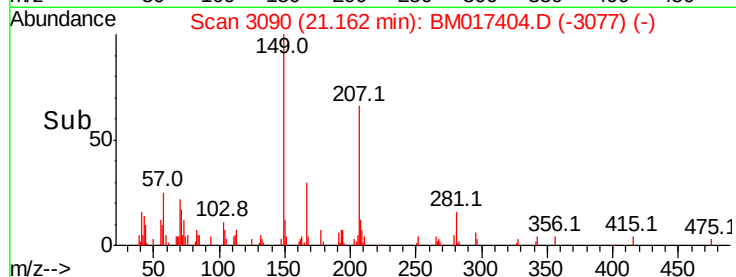
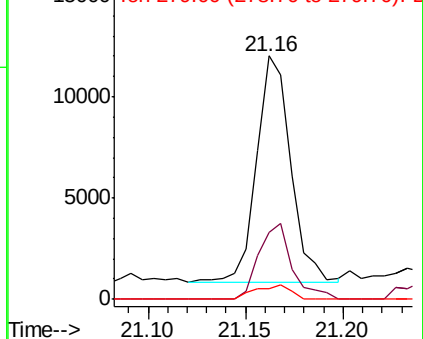


Abundance

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: 5.698 ng

RT: 22.04 min Scan# 3239

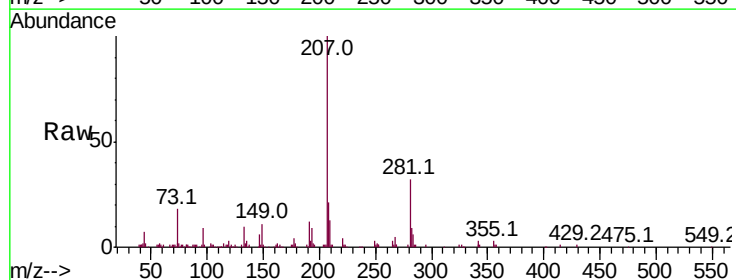
Delta R.T. -0.02 min

Lab File: BM017404.D

Acq: 29 Oct 2018 12:35

Tgt Ion:149 Resp: 14610

Ion	Ratio	Lower	Upper
149	100		
167	8.0	1.4	2.0#
43	19.7	7.2	10.8#

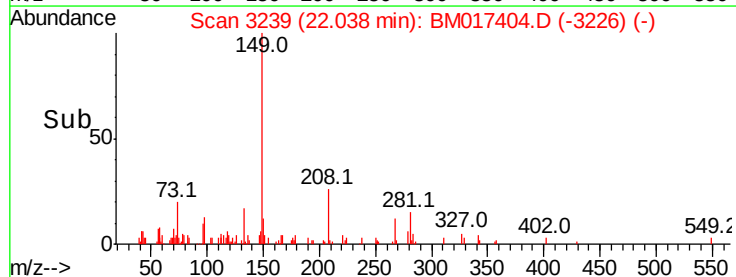
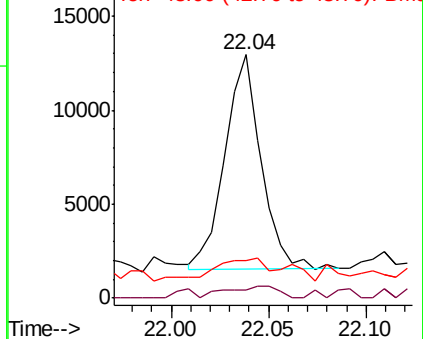


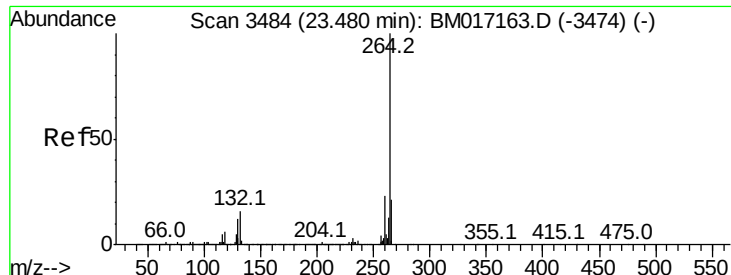
Abundance

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: 23.45 min Scan# 3479
 Delta R.T. -0.03 min
 Lab File: BM017404.D
 Acq: 29 Oct 2018 12:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1575438

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.8	17.8	26.8

