

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017364.D
 Acq On : 27 Oct 2018 00:47
 Operator : MJ/SJ
 Sample : J5686-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 27 01:51:56 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

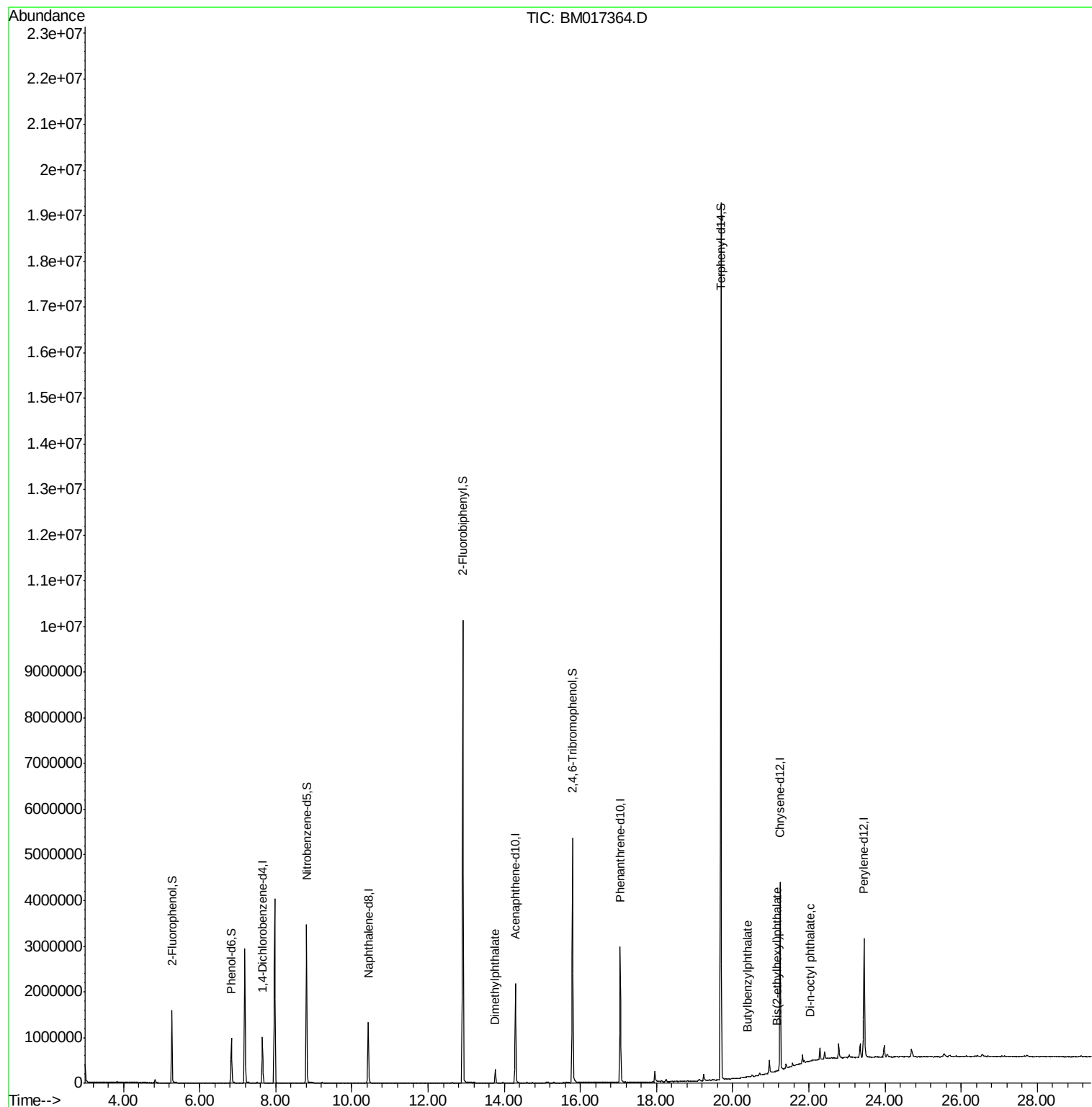
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	258792	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1108708	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	717133	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1784392	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1995834	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1836647	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	657475	42.97	ng	-0.02
7) Phenol-d6	6.83	99	558551	26.80	ng	-0.02
23) Nitrobenzene-d5	8.81	82	2039248	107.57	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	1028618	106.06	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	5060300	93.89	ng	-0.02
79) Terphenyl-d14	19.69	244	9005656	101.71	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.76	163	208334	3.765	ng	Qvalue 100
80) Butylbenzylphthalate	20.39	149	1422	7.204	ng	# 81
84) Bis(2-ethylhexyl)phthalate	21.17	149	4806	5.374	ng	# 88
85) Di-n-octyl phthalate	22.04	149	2023	5.588	ng	# 36

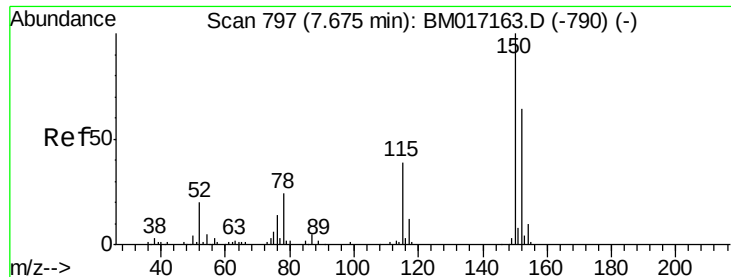
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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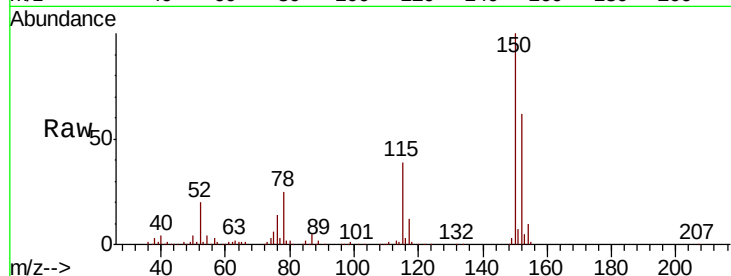


#1

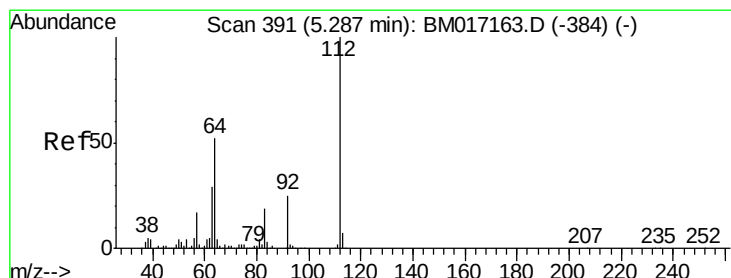
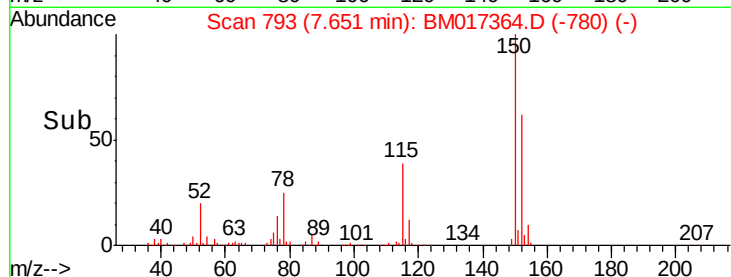
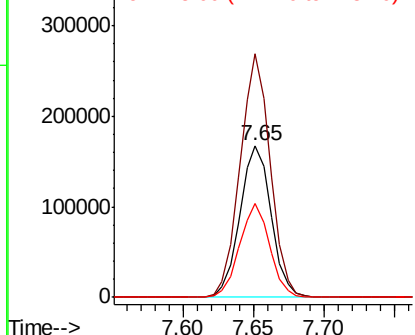
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017364.D
Acq: 27 Oct 2018 00:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.3	186.5
115	62.2	48.1	72.1



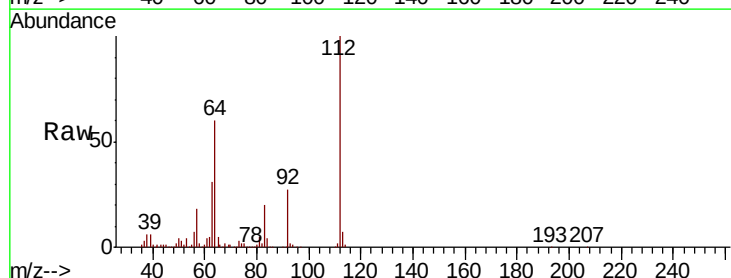
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



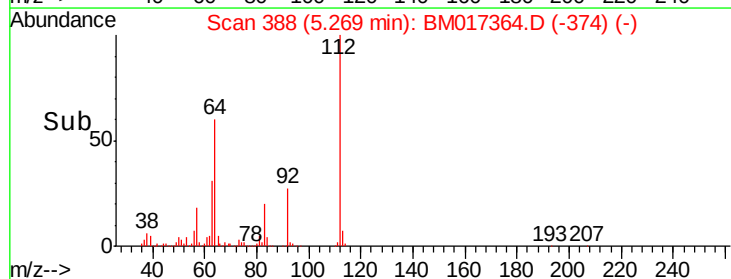
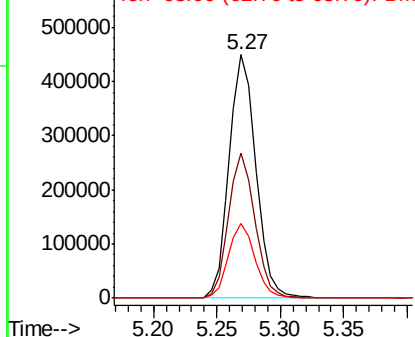
#5

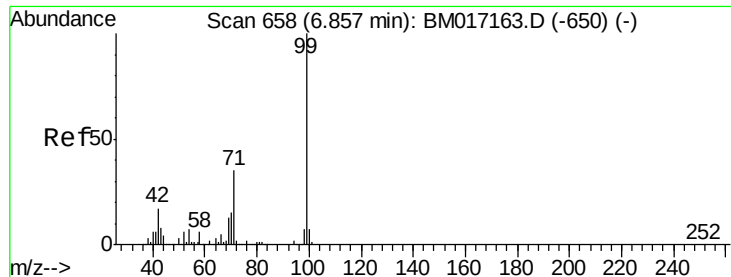
2-Fluorophenol
Concen: 42.969 ng
RT: 5.27 min Scan# 388
Delta R.T. -0.02 min
Lab File: BM017364.D
Acq: 27 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	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: 26.803 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

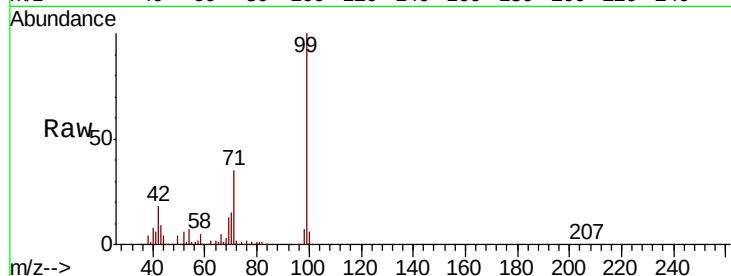
Tot Ion: 99 Resp: 558551

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

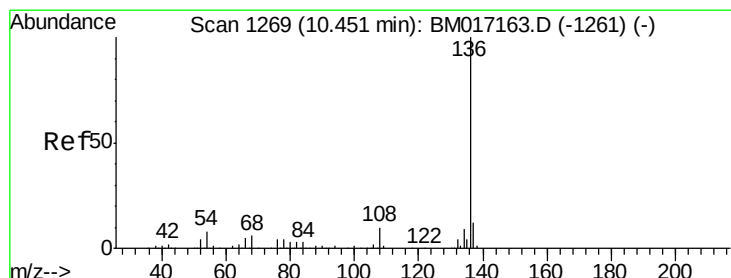
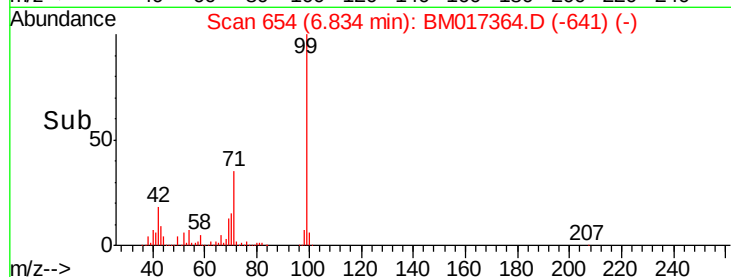
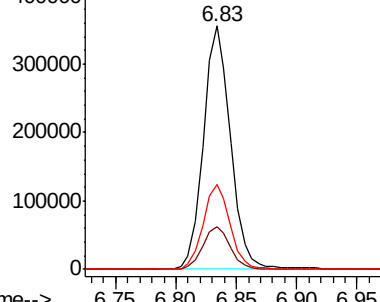
71 35.0 28.0 42.0



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# 1265

Delta R.T. -0.02 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

Tgt Ion: 136 Resp: 1108708

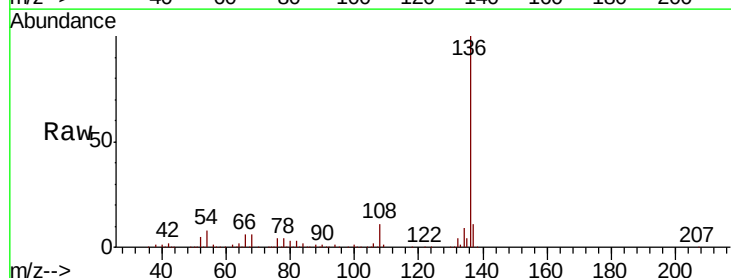
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.8 6.7 10.1

68 5.5 4.7 7.1

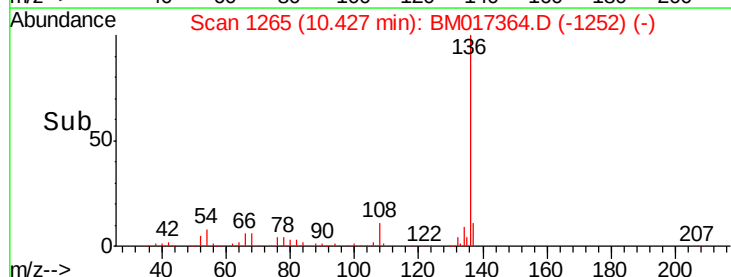
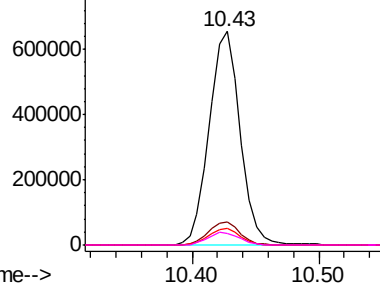


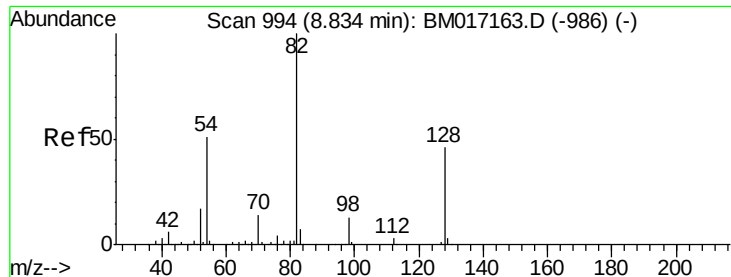
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

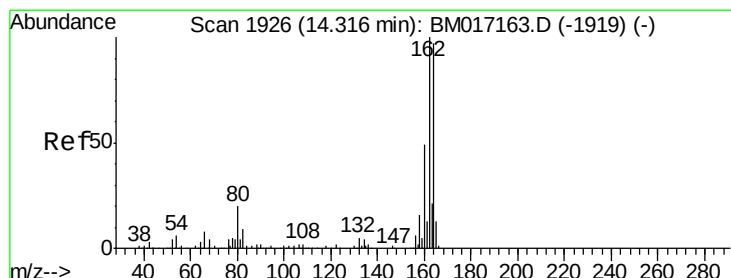
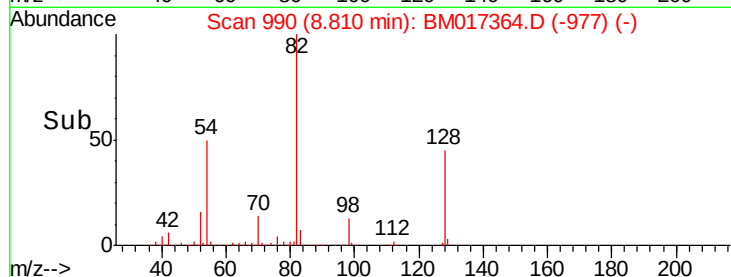
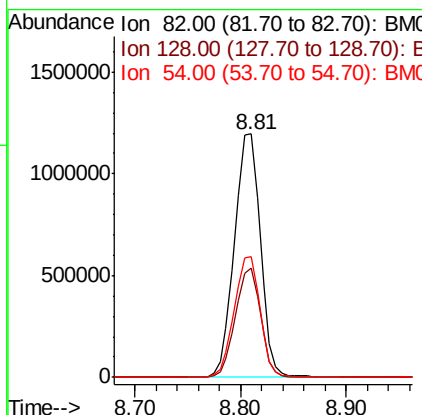
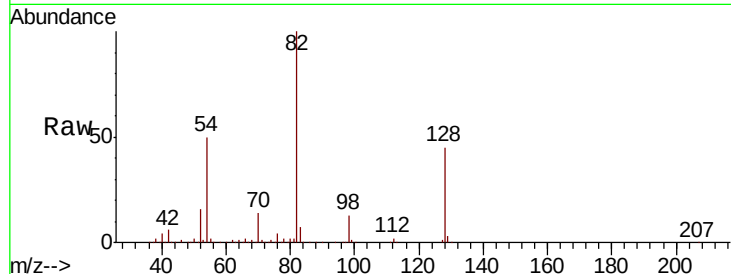




#23
 Nitrobenzene-d5
 Concen: 107.573 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017364.D
 Acq: 27 Oct 2018 00:47

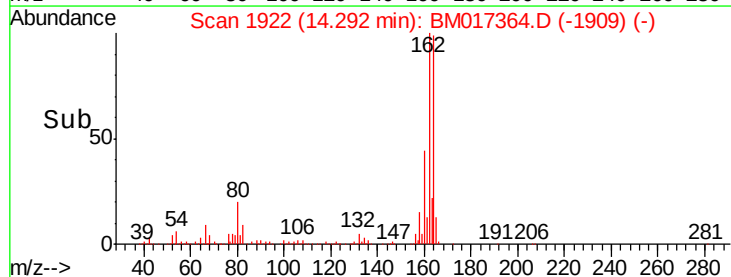
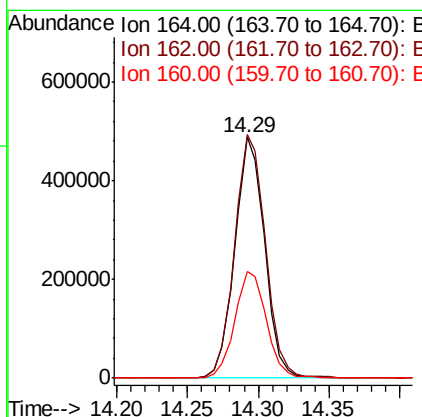
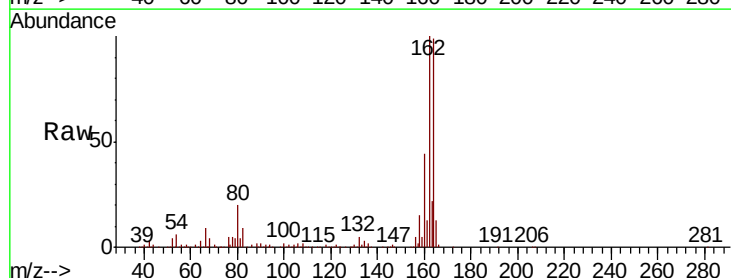
Instrument :
 BNA_M
 ClientSampleId :

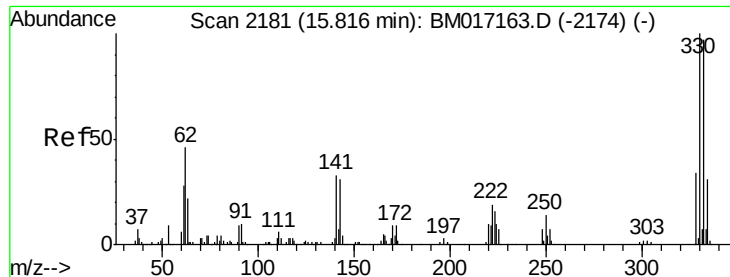
Tot Ion: 82 Resp: 2039248
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.0 55.6
 54 49.5 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM017364.D
 Acq: 27 Oct 2018 00:47

Tgt Ion: 164 Resp: 717133
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.1 123.1
 160 44.3 40.2 60.2

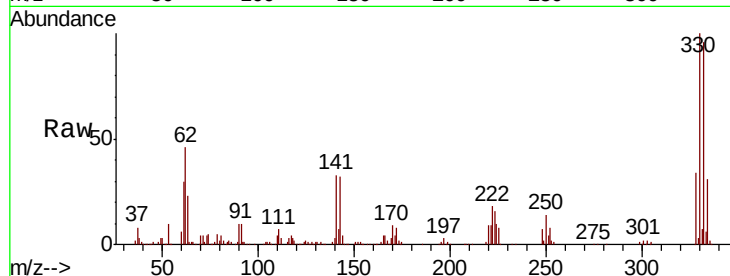




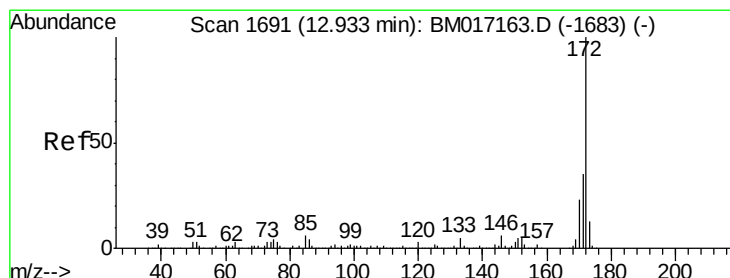
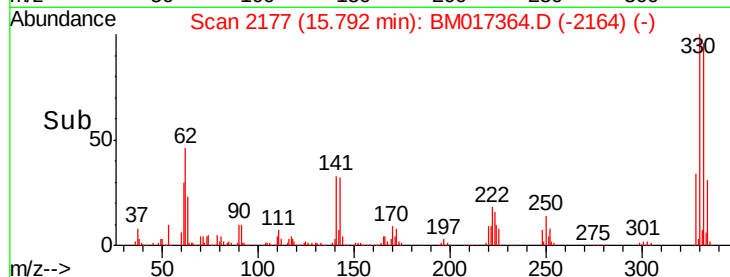
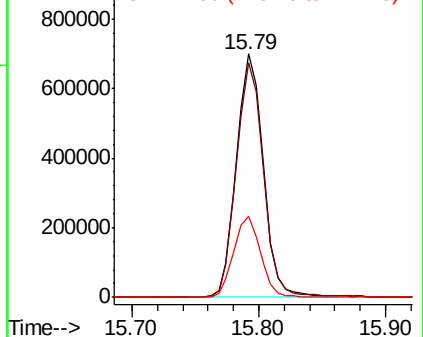
#42
2,4,6-Tribromophenol
Concen: 106.063 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BM017364.D
Acq: 27 Oct 2018 00:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 1028618
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.5 27.4 41.0

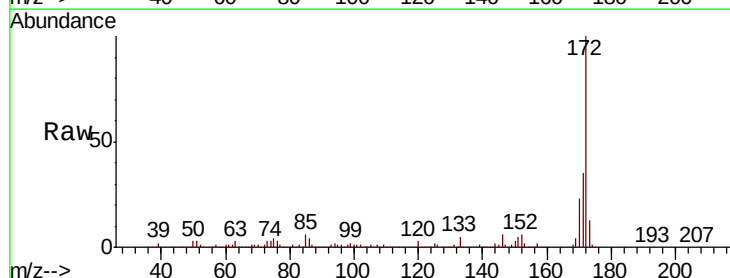


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

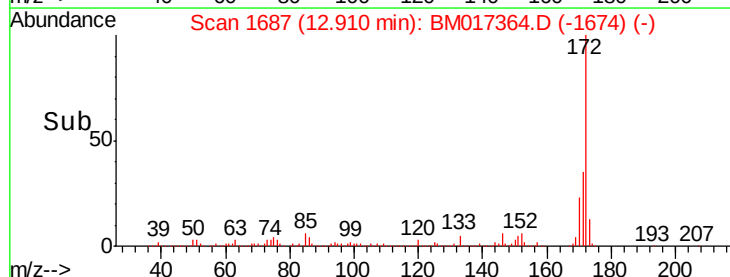
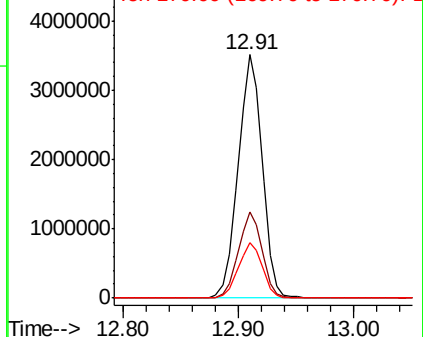


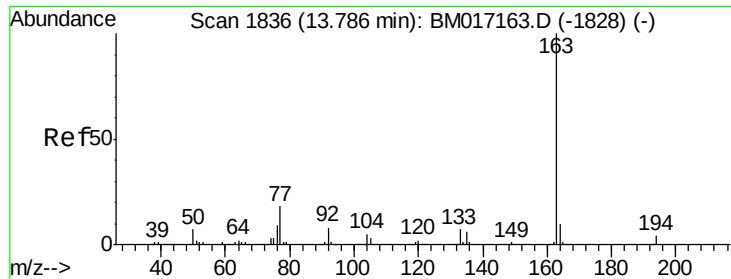
#45
2-Fluorobiphenyl
Concen: 93.887 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM017364.D
Acq: 27 Oct 2018 00:47

Tgt Ion:172 Resp: 5060300
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.0 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





#50

Dimethylphthalate

Concen: 3.765 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BM017364.D

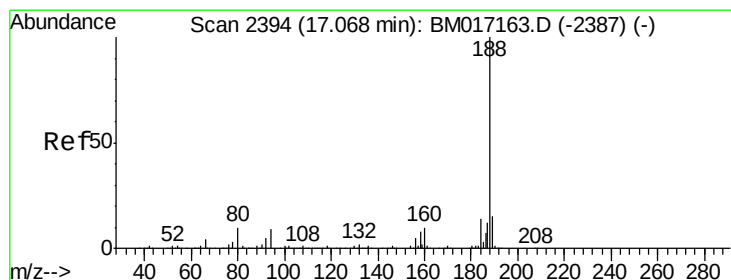
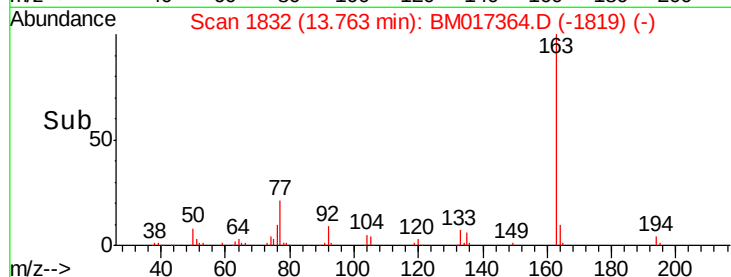
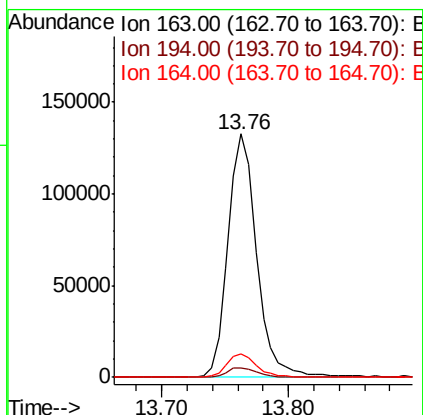
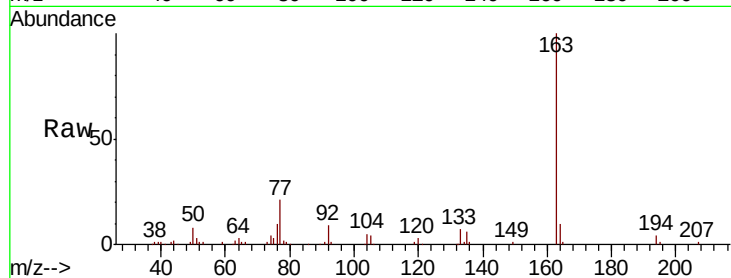
Acq: 27 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:163	Resp:	208334
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.3 4.9
164	9.7	7.8 11.8



#64

Phenanthrene-d10

Concen: 20.000 ng

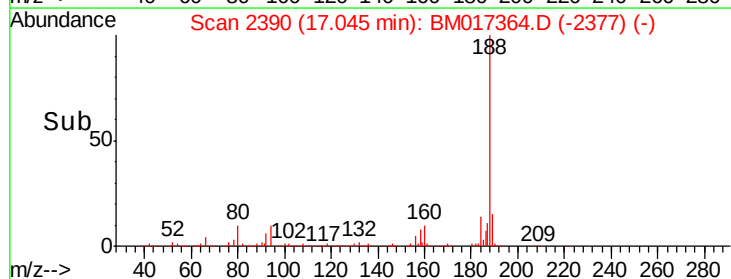
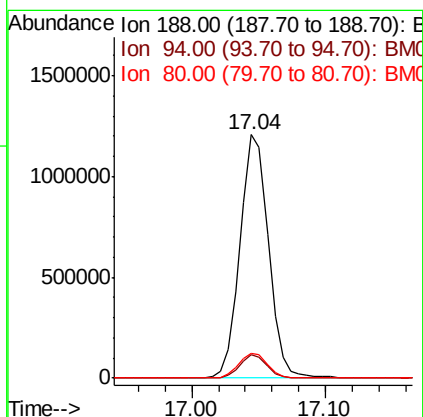
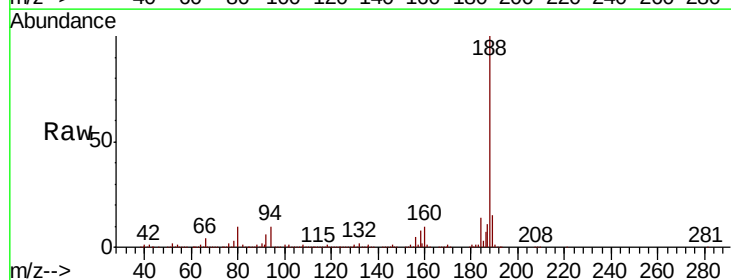
RT: 17.04 min Scan# 2390

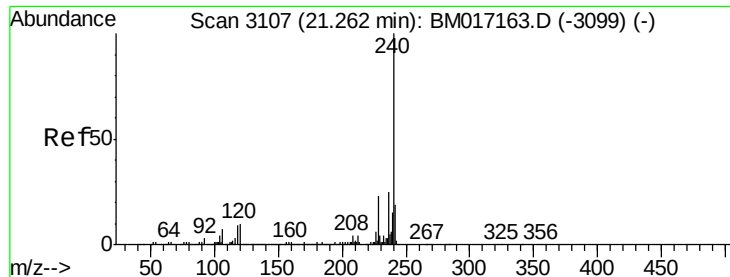
Delta R.T. -0.02 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

Tgt Ion:188	Resp:	1784392
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.0 10.4
80	10.4	7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

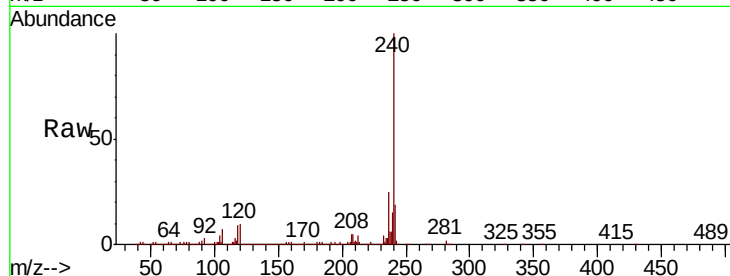
Tot Ion:240 Resp: 1995834

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	25.2	19.9	29.9

240 100

120 10.2 8.1 12.1

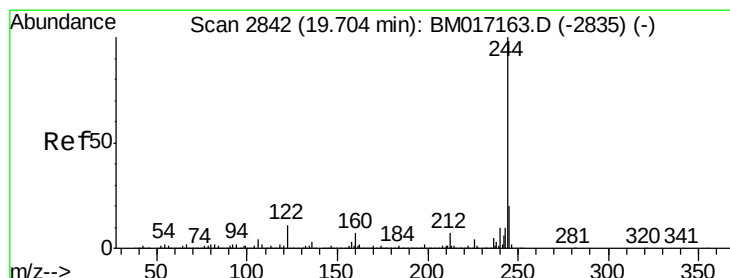
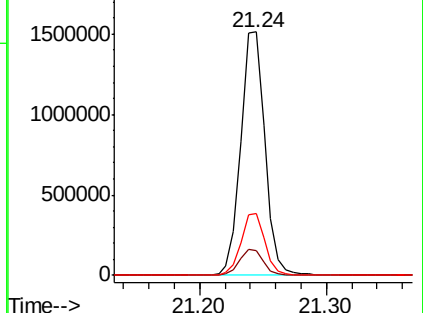
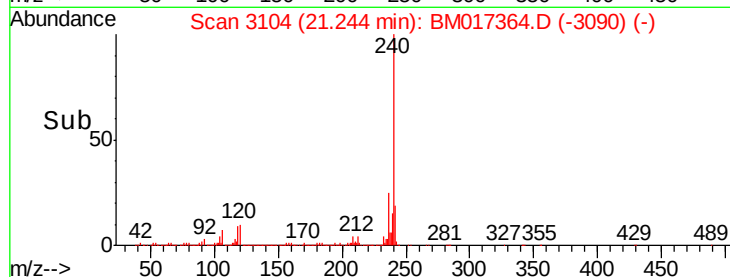
236 25.2 19.9 29.9



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: 101.706 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

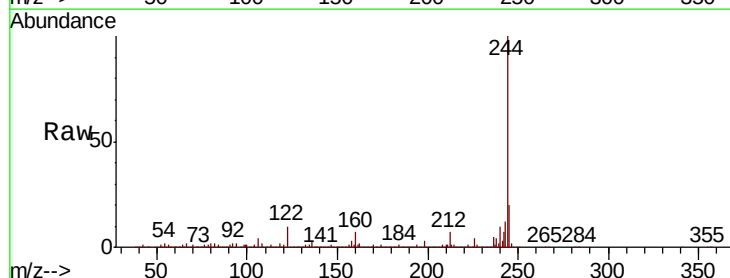
Tgt Ion:244 Resp: 9005656

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	10.5	8.4	12.6

244 100

212 7.4 5.5 8.3

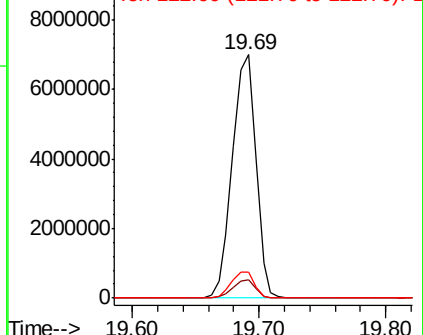
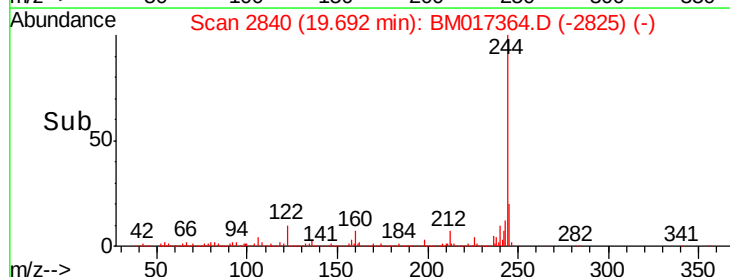
122 10.5 8.4 12.6

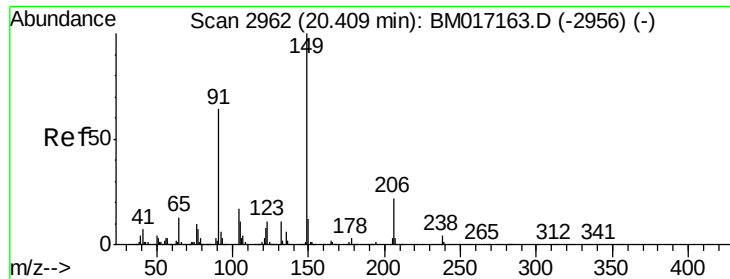


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

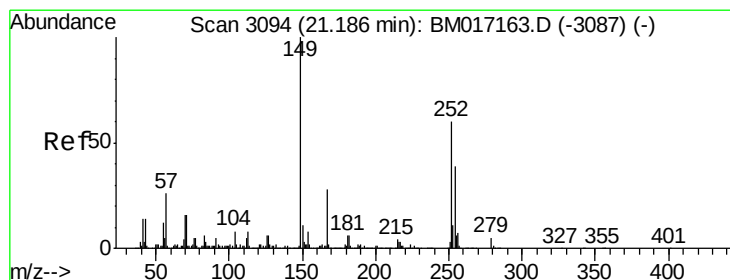
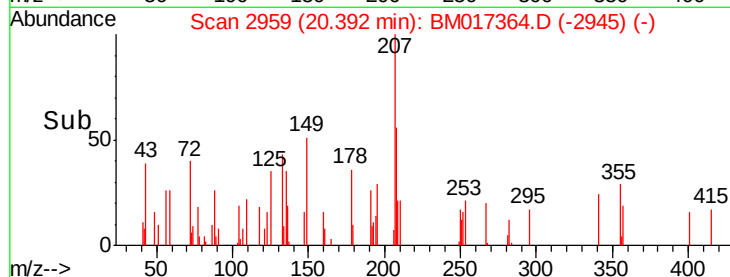
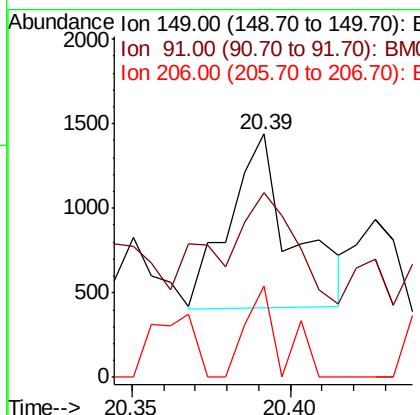
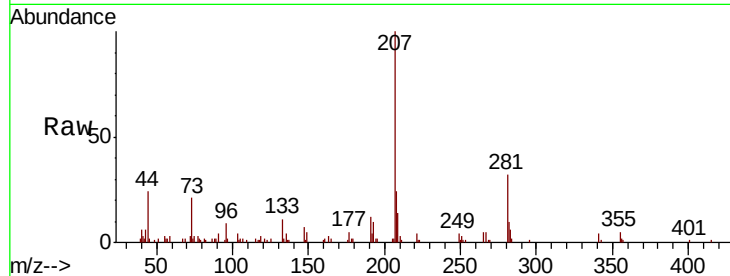




#80
 Butylbenzylphthalate
 Concen: 7.204 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017364.D
 Acq: 27 Oct 2018 00:47

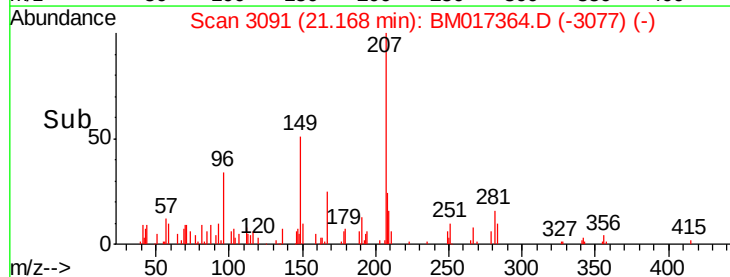
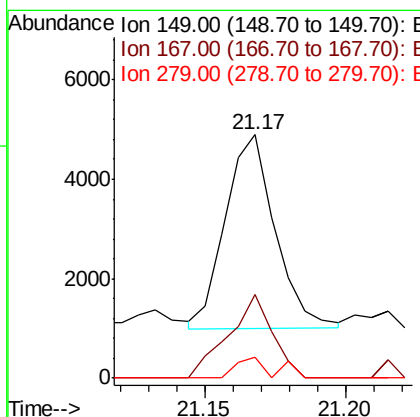
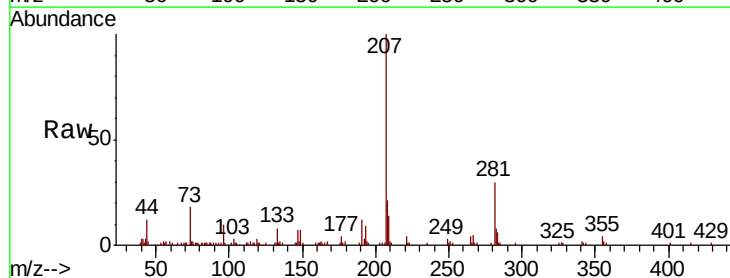
Instrument :
 BNA_M
 ClientSampled :

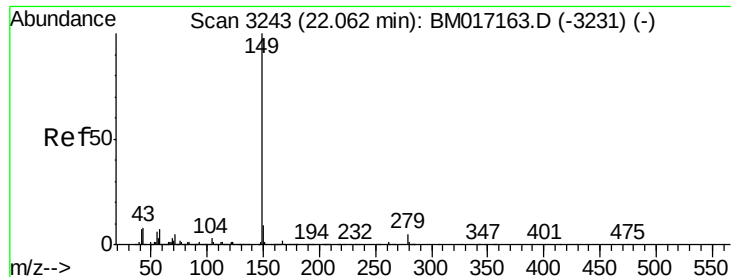
Tot Ion:149 Resp: 1422
 Ion Ratio Lower Upper
 149 100
 91 76.0 51.3 76.9
 206 37.3 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.374 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017364.D
 Acq: 27 Oct 2018 00:47

Tgt Ion:149 Resp: 4806
 Ion Ratio Lower Upper
 149 100
 167 34.2 22.2 33.4#
 279 8.4 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 5.588 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

Instrument :

BNA_M

ClientSampled :

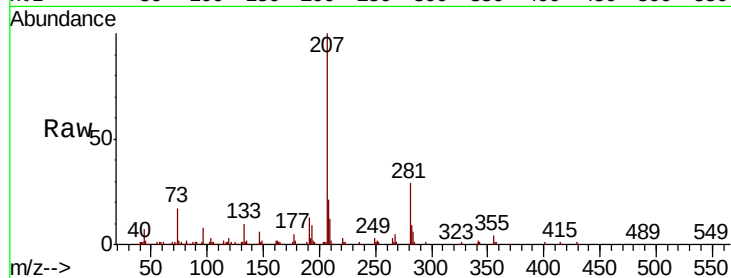
Tot Ion:149 Resp: 2023

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

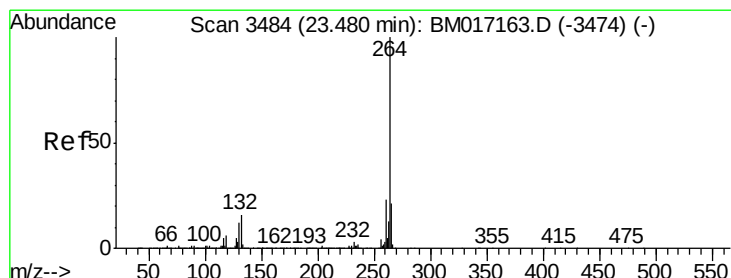
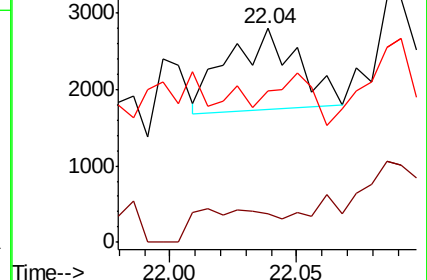
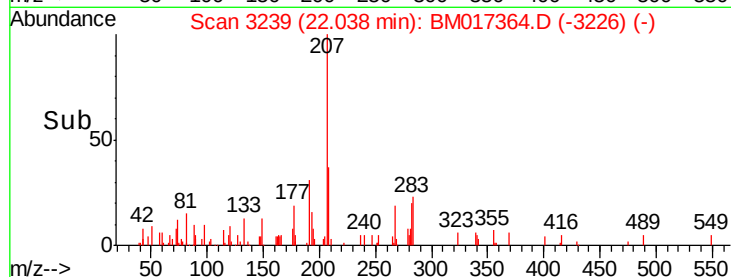
43 36.4 7.2 10.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. -0.03 min

Lab File: BM017364.D

Acq: 27 Oct 2018 00:47

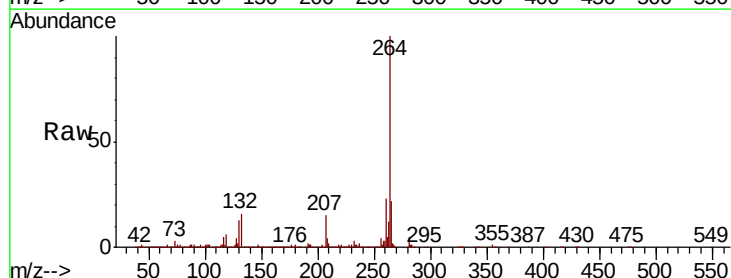
Tgt Ion:264 Resp: 1836647

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.8 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

