

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017302.D
 Acq On : 24 Oct 2018 01:43
 Operator : MJ/SJ
 Sample : J5623-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:59:54 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

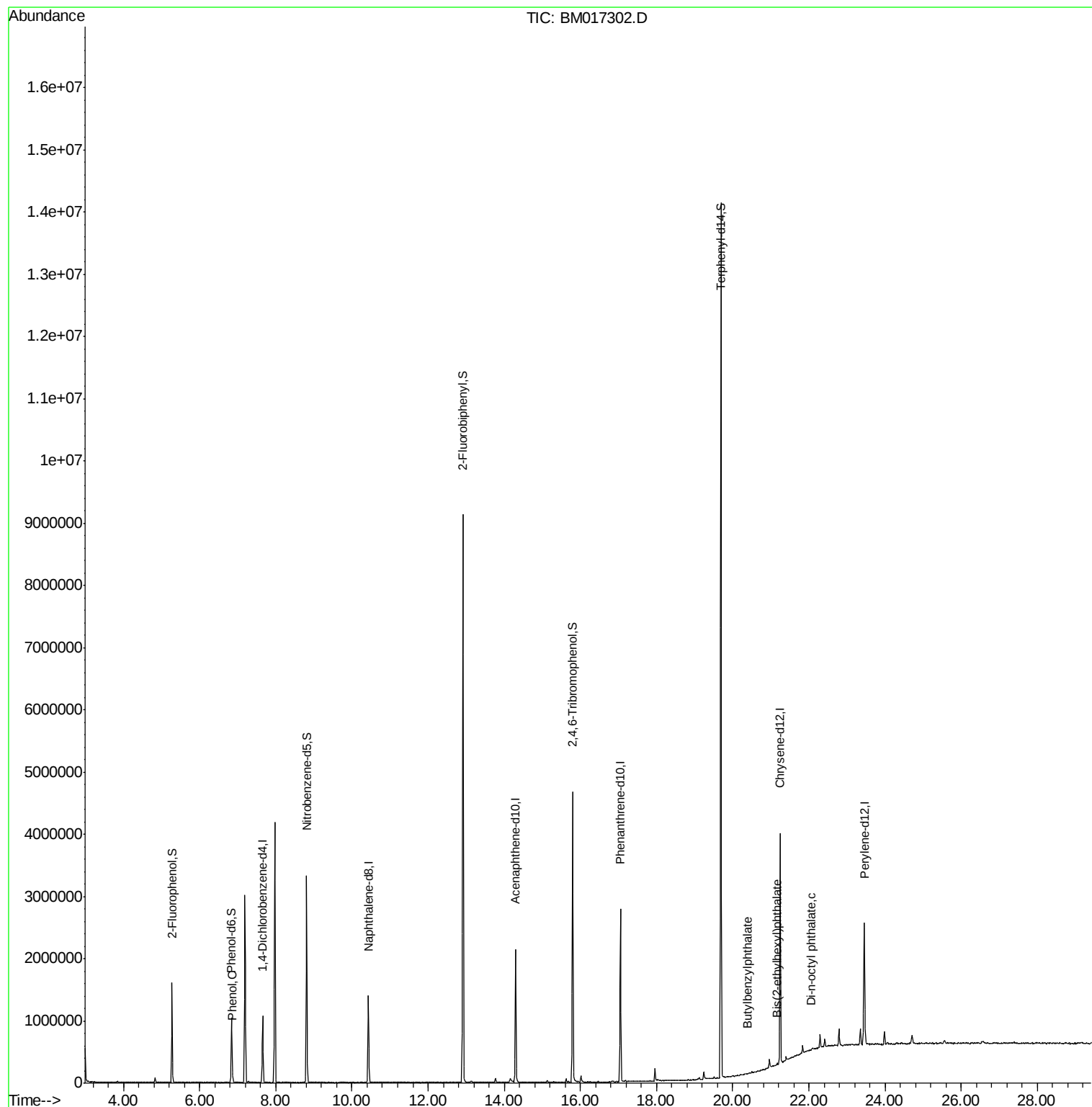
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	281408	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1164310	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	678120	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1629208	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1708844	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1448935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	665972	40.03	ng	-0.01
7) Phenol-d6	6.84	99	563218	24.85	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1887704	94.82	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	888241	96.86	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4663492	91.50	ng	-0.02
79) Terphenyl-d14	19.69	244	6500833	85.75	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	50461	2.069	ng	Qvalue 97
80) Butylbenzylphthalate	20.39	149	1496	7.211	ng	94
84) Bis(2-ethylhexyl)phthalate	21.17	149	9649	5.462	ng	# 89
85) Di-n-octyl phthalate	22.04	149	1491	5.585	ng	# 3

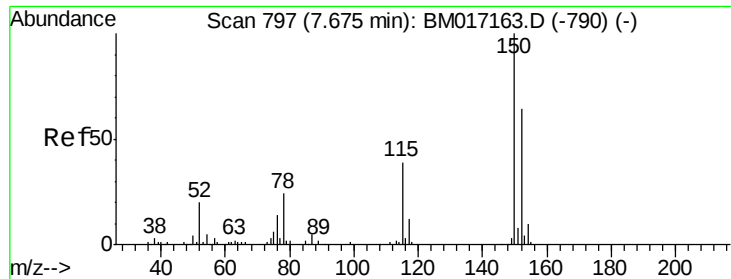
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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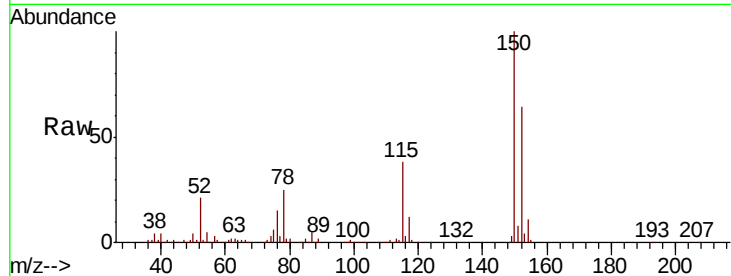


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017302.D
 Acq: 24 Oct 2018 01:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	59.0	48.1	72.1

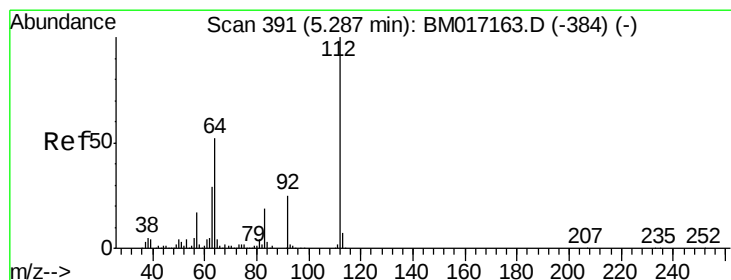
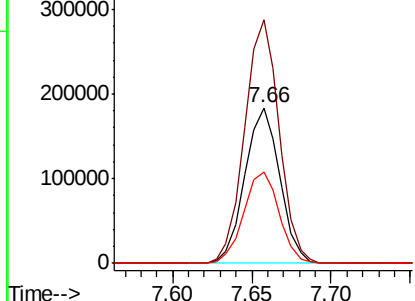
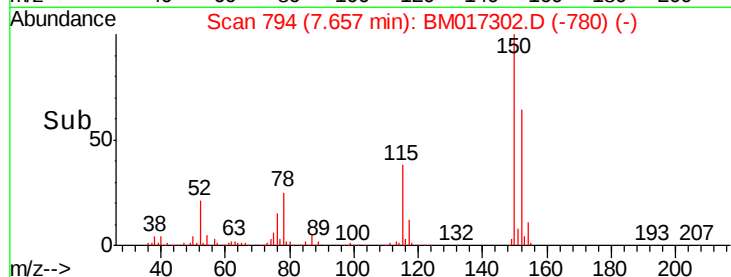


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

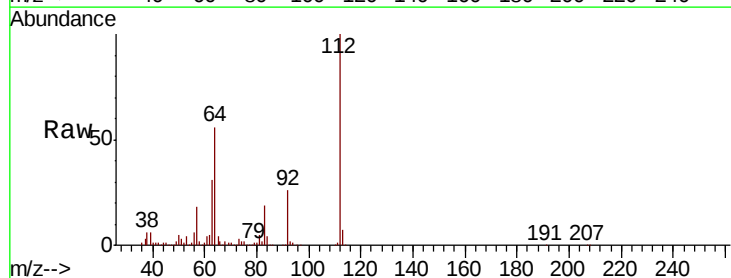
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 40.027 ng
 RT: 5.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BM017302.D
 Acq: 24 Oct 2018 01:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	41.7	62.5
63	30.9	23.0	34.4

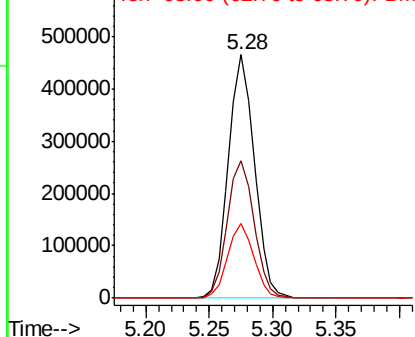
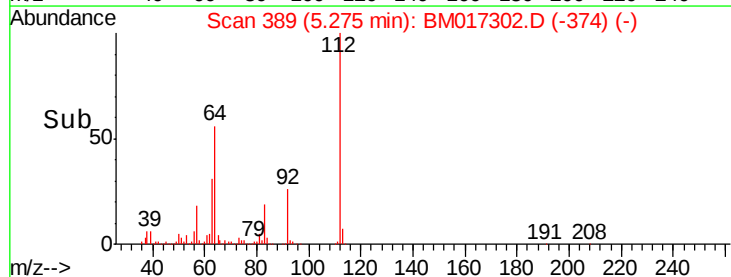


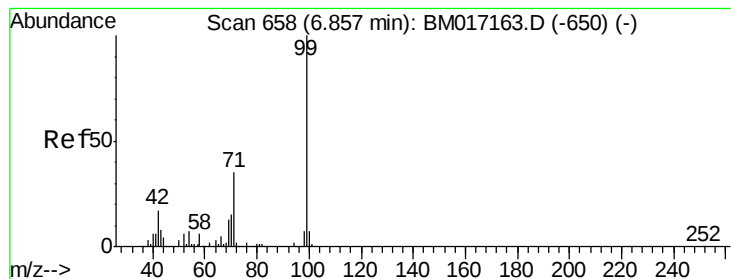
Abundance

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: 24.855 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017302.D

Acq: 24 Oct 2018 01:43

Instrument :

BNA_M

ClientSampleId :

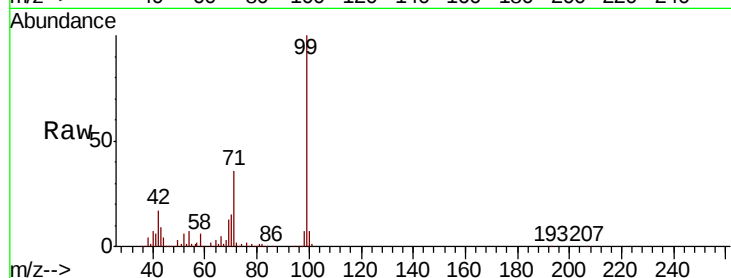
Tot Ion: 99 Resp: 563218

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

71 36.4 28.0 42.0

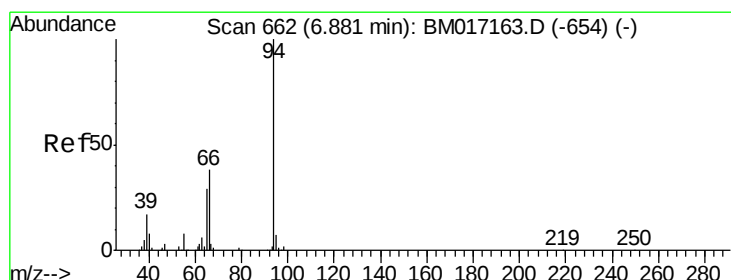
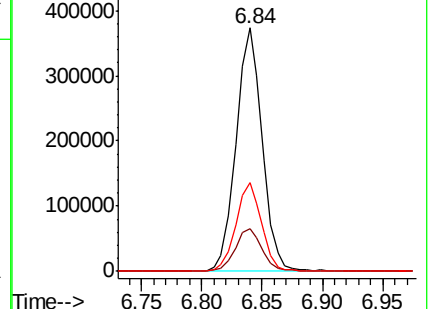
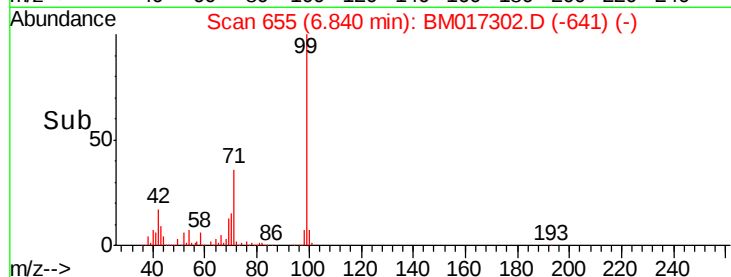


Abundance Ion 99.00 (98.70 to 99.70): BM017302.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017302.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017302.D (-641) (-)

Time-->



#10

Phenol

Concen: 2.069 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017302.D

Acq: 24 Oct 2018 01:43

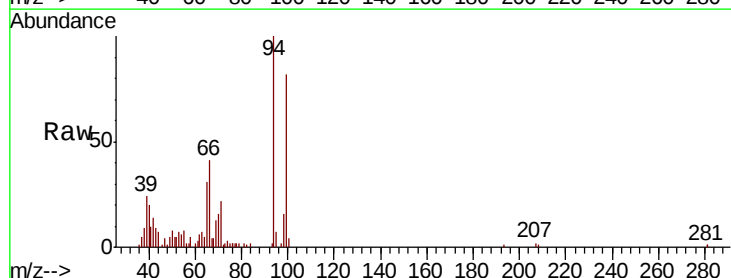
Tgt Ion: 94 Resp: 50461

Ion Ratio Lower Upper

94 100

65 30.9 9.4 49.4

66 41.2 19.0 59.0

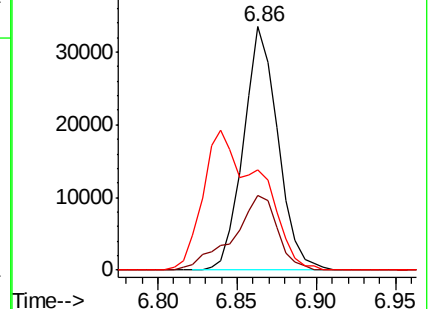
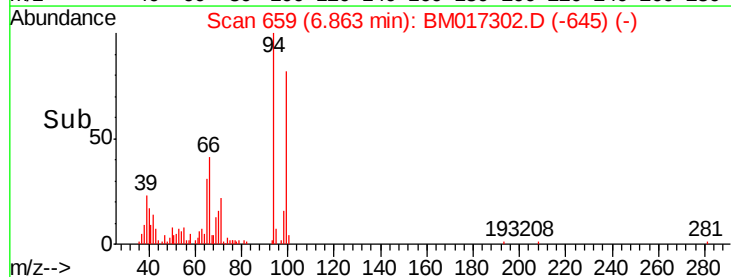


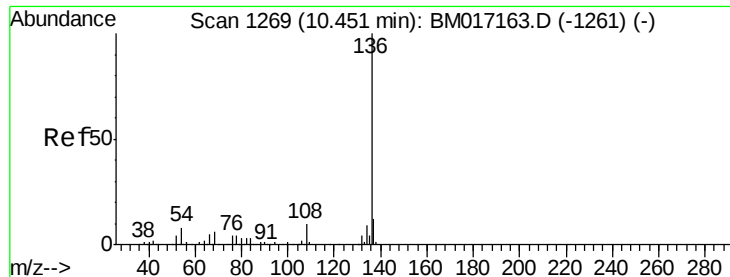
Abundance Ion 94.00 (93.70 to 94.70): BM017302.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017302.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017302.D (-645) (-)

Time-->

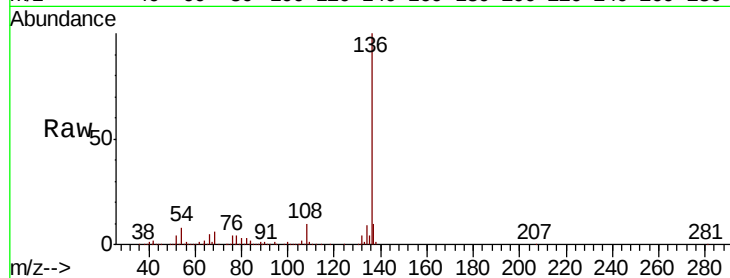




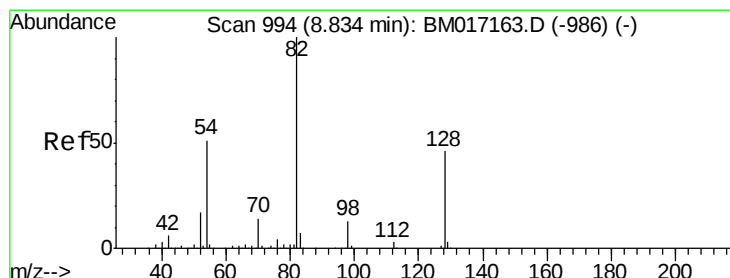
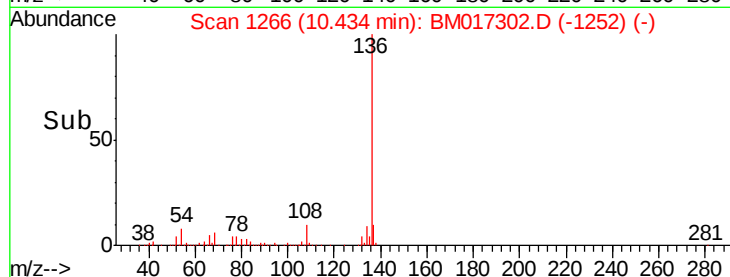
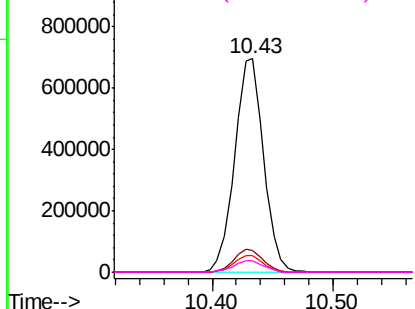
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1164310
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 7.6 6.7 10.1
68 5.6 4.7 7.1

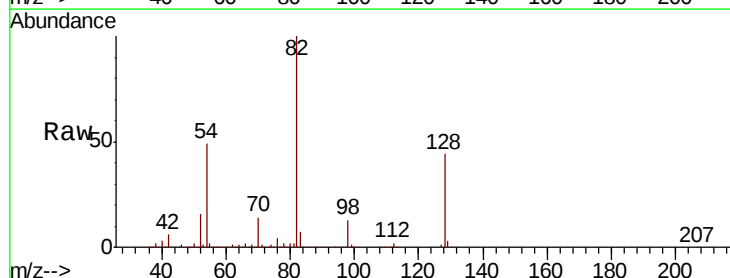


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

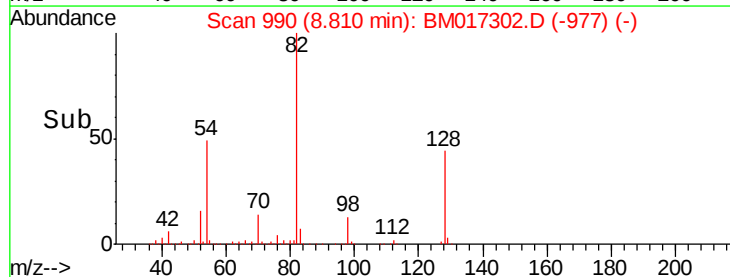
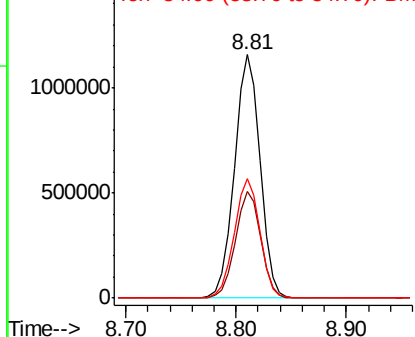


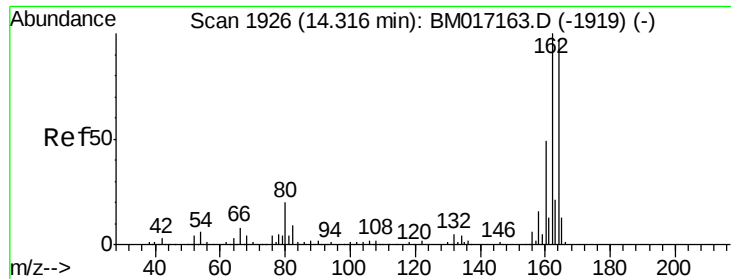
#23
Nitrobenzene-d5
Concen: 94.823 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Tgt Ion: 82 Resp: 1887704
Ion Ratio Lower Upper
82 100
128 43.9 37.0 55.6
54 48.9 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

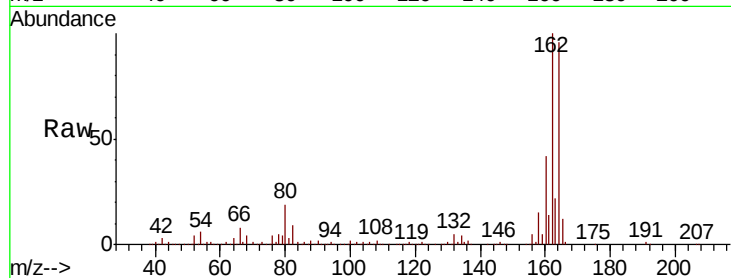




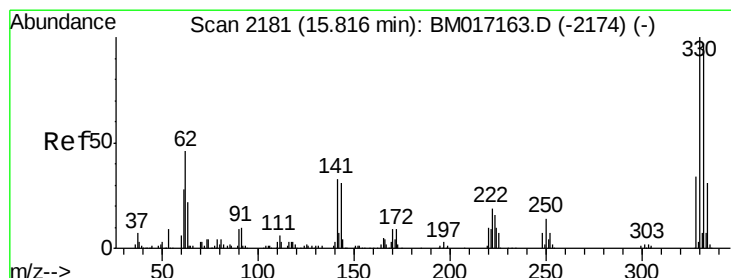
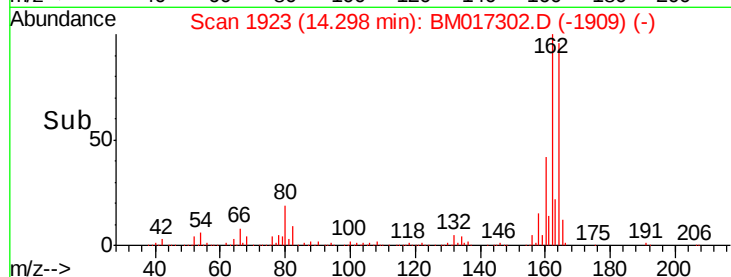
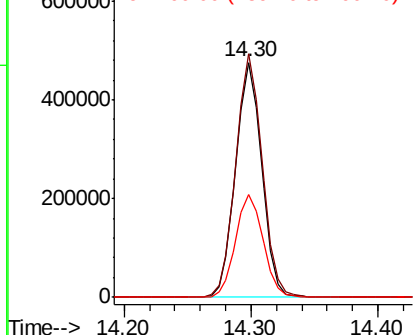
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 678120
Ion Ratio Lower Upper
164 100
162 103.7 82.1 123.1
160 43.9 40.2 60.2

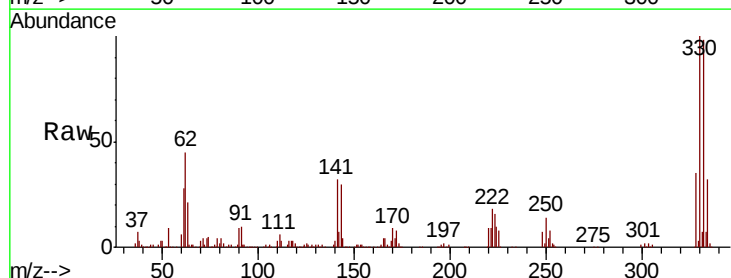


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

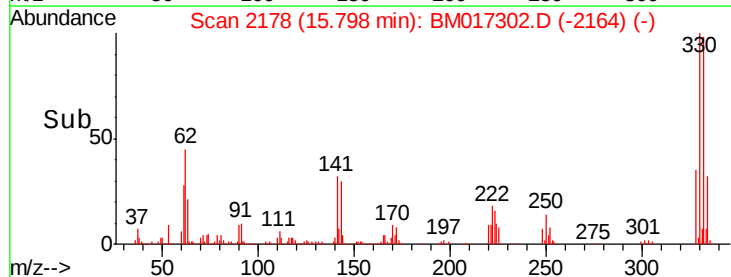
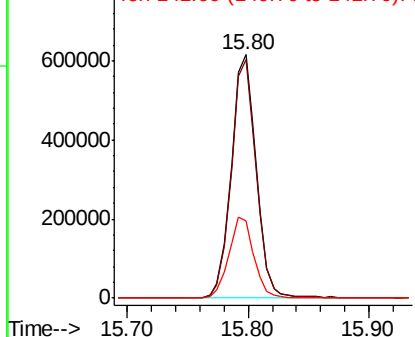


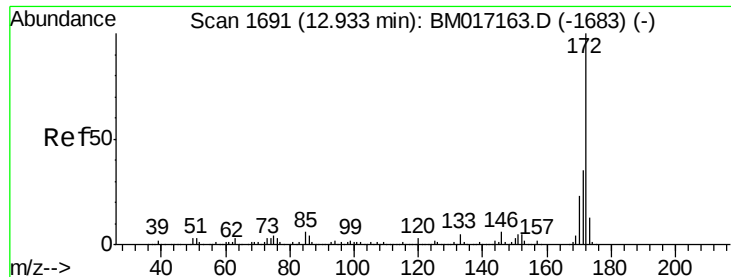
#42
2,4,6-Tribromophenol
Concen: 96.858 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Tgt Ion:330 Resp: 888241
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.4 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

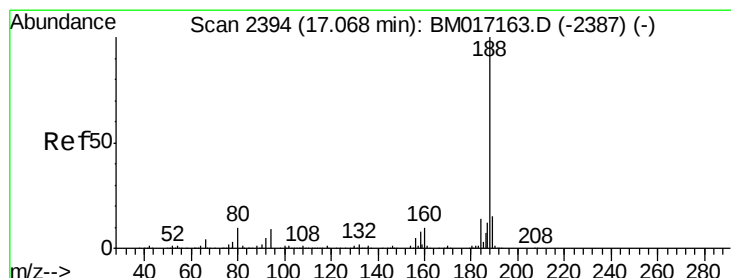
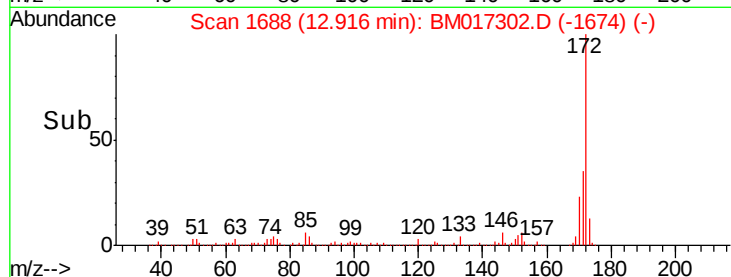
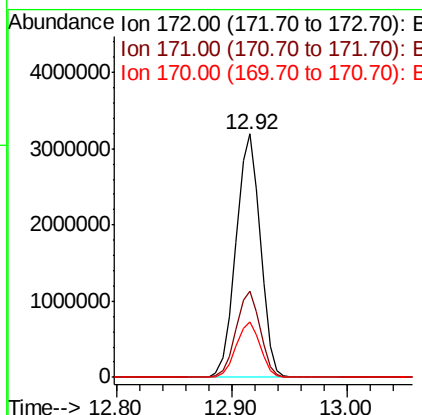
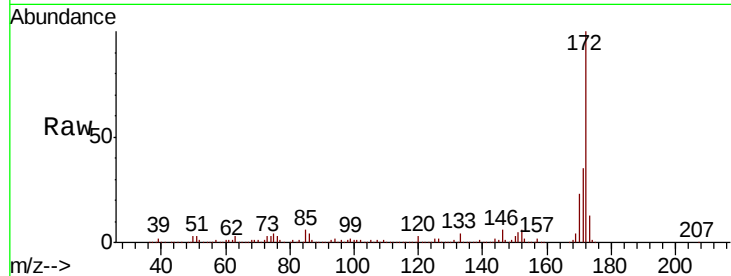




#45
2-Fluorobiphenyl
Concen: 91.503 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

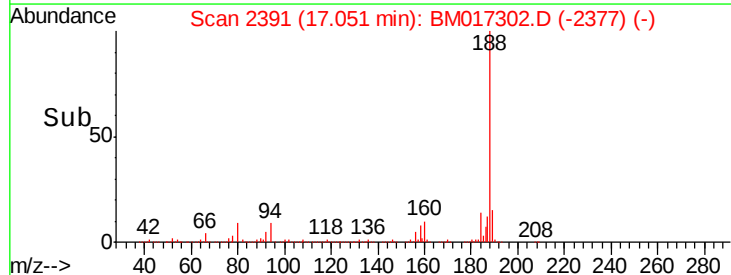
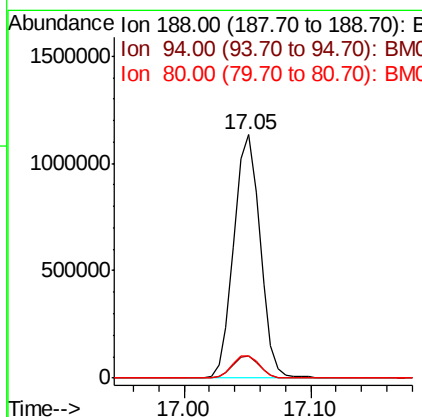
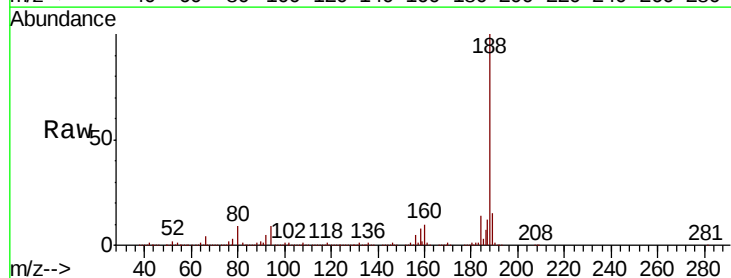
Instrument :
BNA_M
ClientSampleId :

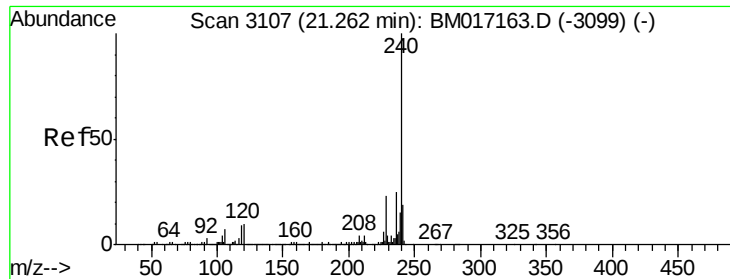
Tot Ion:172 Resp: 4663492
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Tgt Ion:188 Resp: 1629208
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.4 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: BM017302.D

Acq: 24 Oct 2018 01:43

Instrument :

BNA_M

ClientSampleId :

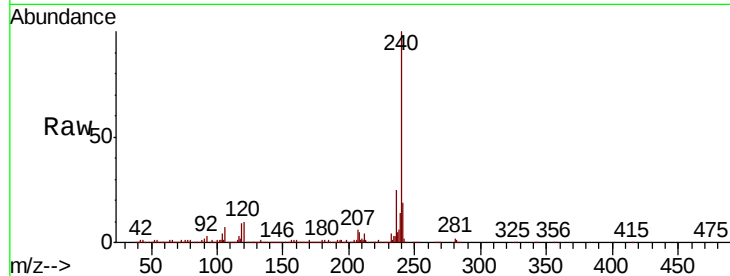
Tot Ion:240 Resp: 1708844

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	24.9	19.9	29.9

240 100

120 10.1 8.1 12.1

236 24.9 19.9 29.9

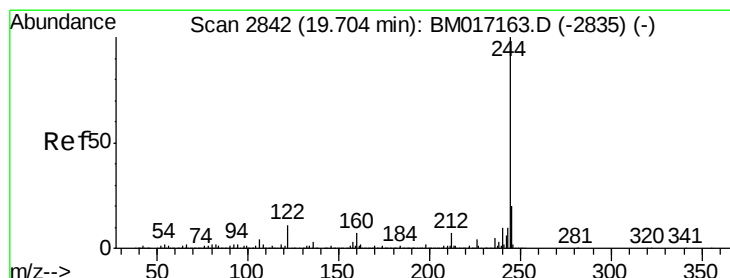
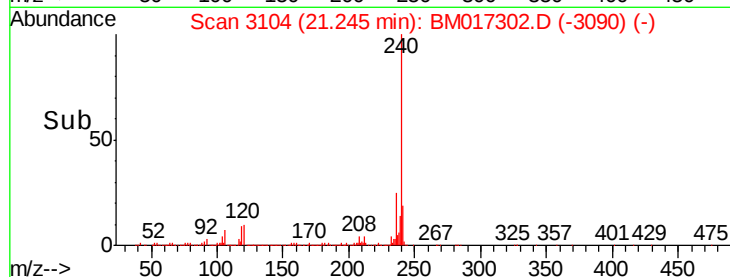
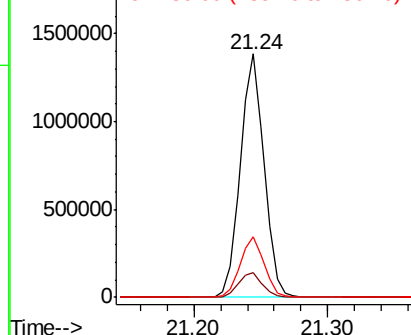


Abundance

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: 85.747 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017302.D

Acq: 24 Oct 2018 01:43

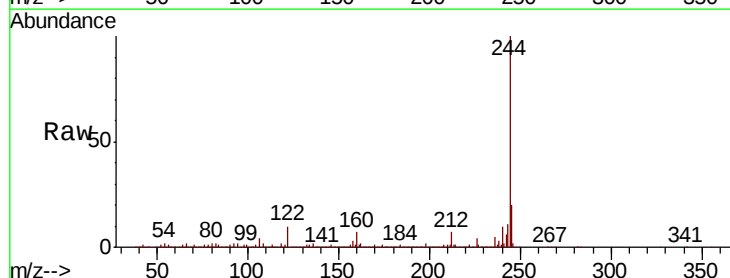
Tgt Ion:244 Resp: 6500833

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.1	8.4	12.6

244 100

212 7.0 5.5 8.3

122 10.1 8.4 12.6

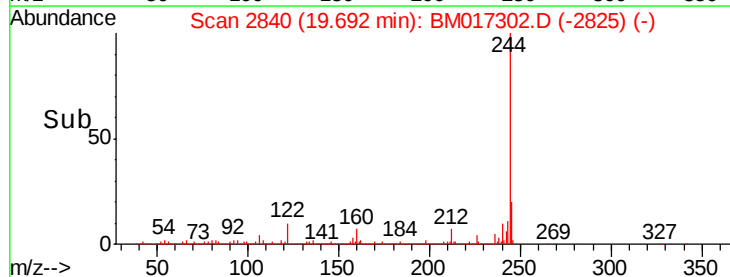
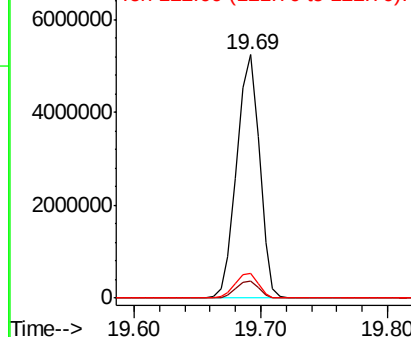


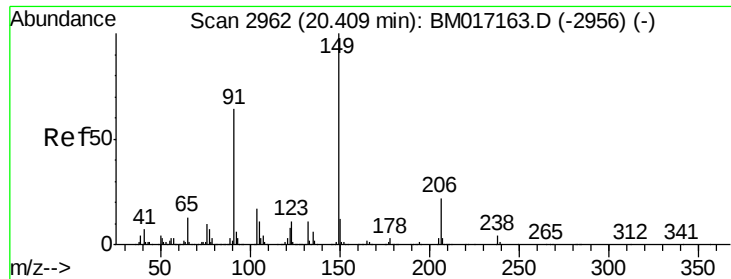
Abundance

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

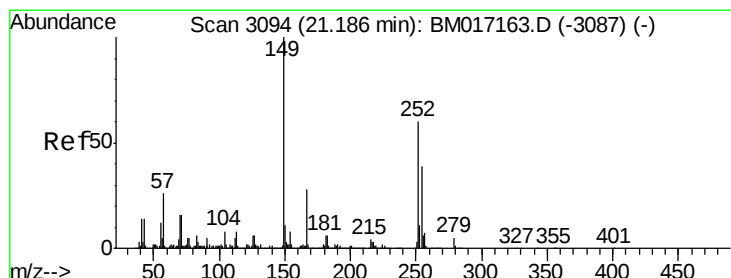
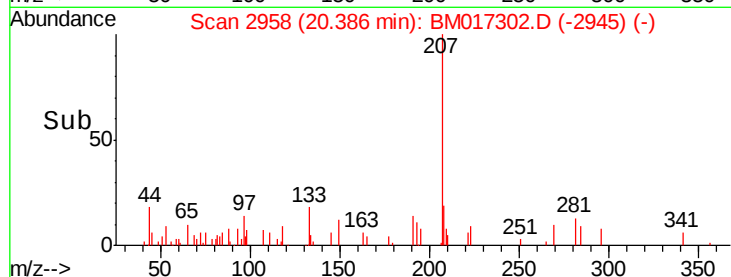
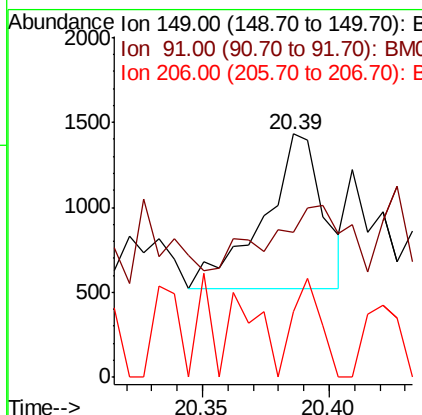
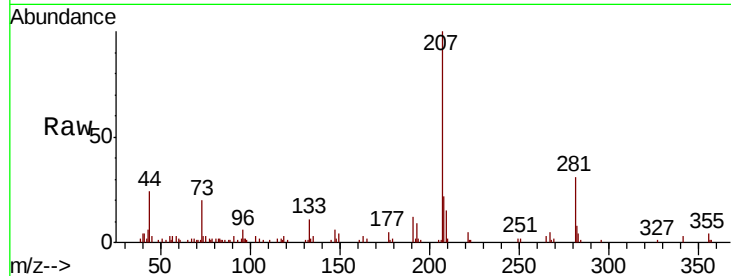




#80
 Butylbenzylphthalate
 Concen: 7.211 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.02 min
 Lab File: BM017302.D
 Acq: 24 Oct 2018 01:43

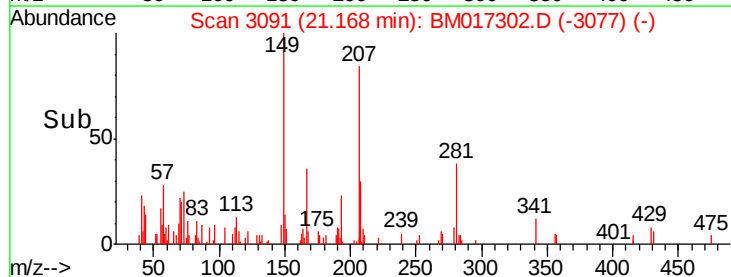
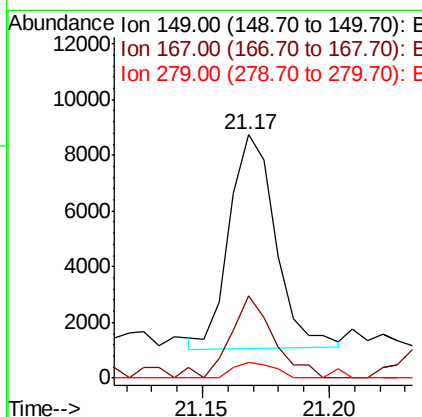
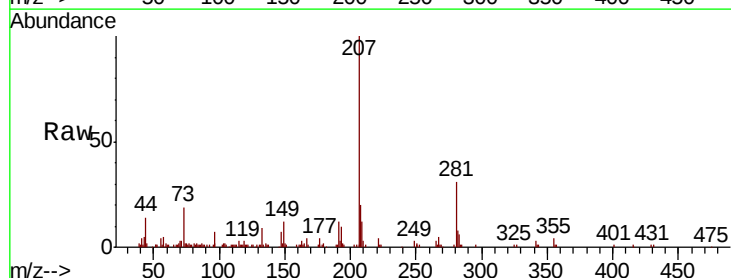
Instrument :
 BNA_M
 ClientSampled :

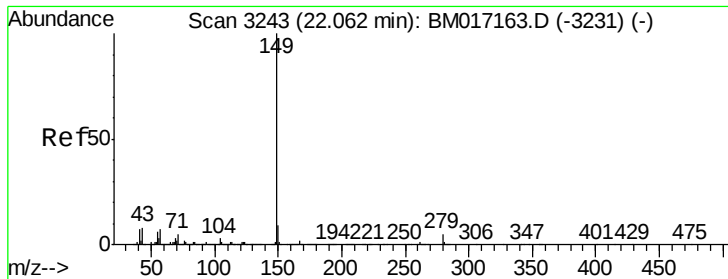
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.8	51.3	76.9
206	26.8	18.0	27.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.462 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017302.D
 Acq: 24 Oct 2018 01:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.0	22.2	33.4#
279	6.3	3.6	5.4#

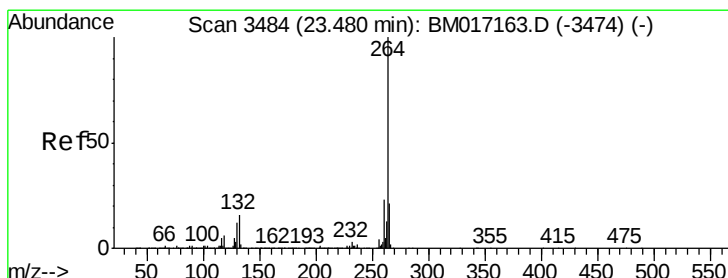
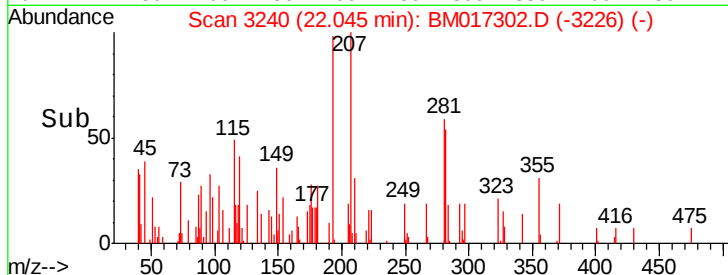
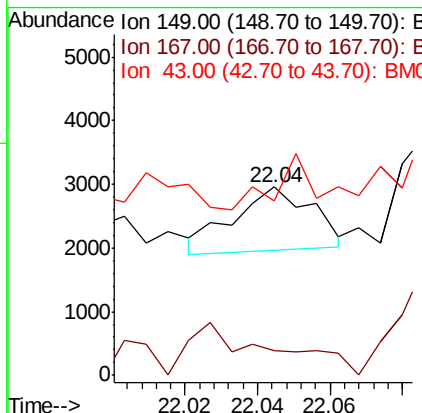
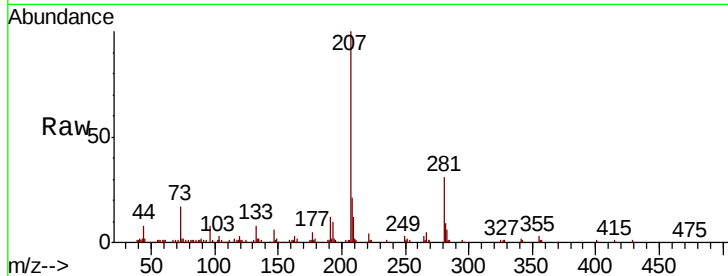




#85
Di-n-octyl phthalate
Concen: 5.585 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1491
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 50.4 7.2 10.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017302.D
Acq: 24 Oct 2018 01:43

Tgt Ion:264 Resp: 1448935
Ion Ratio Lower Upper
264 100
260 22.5 18.6 27.8
265 21.5 17.8 26.8

