

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017300.D
 Acq On : 24 Oct 2018 00:31
 Operator : MJ/SJ
 Sample : J5622-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:59:29 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

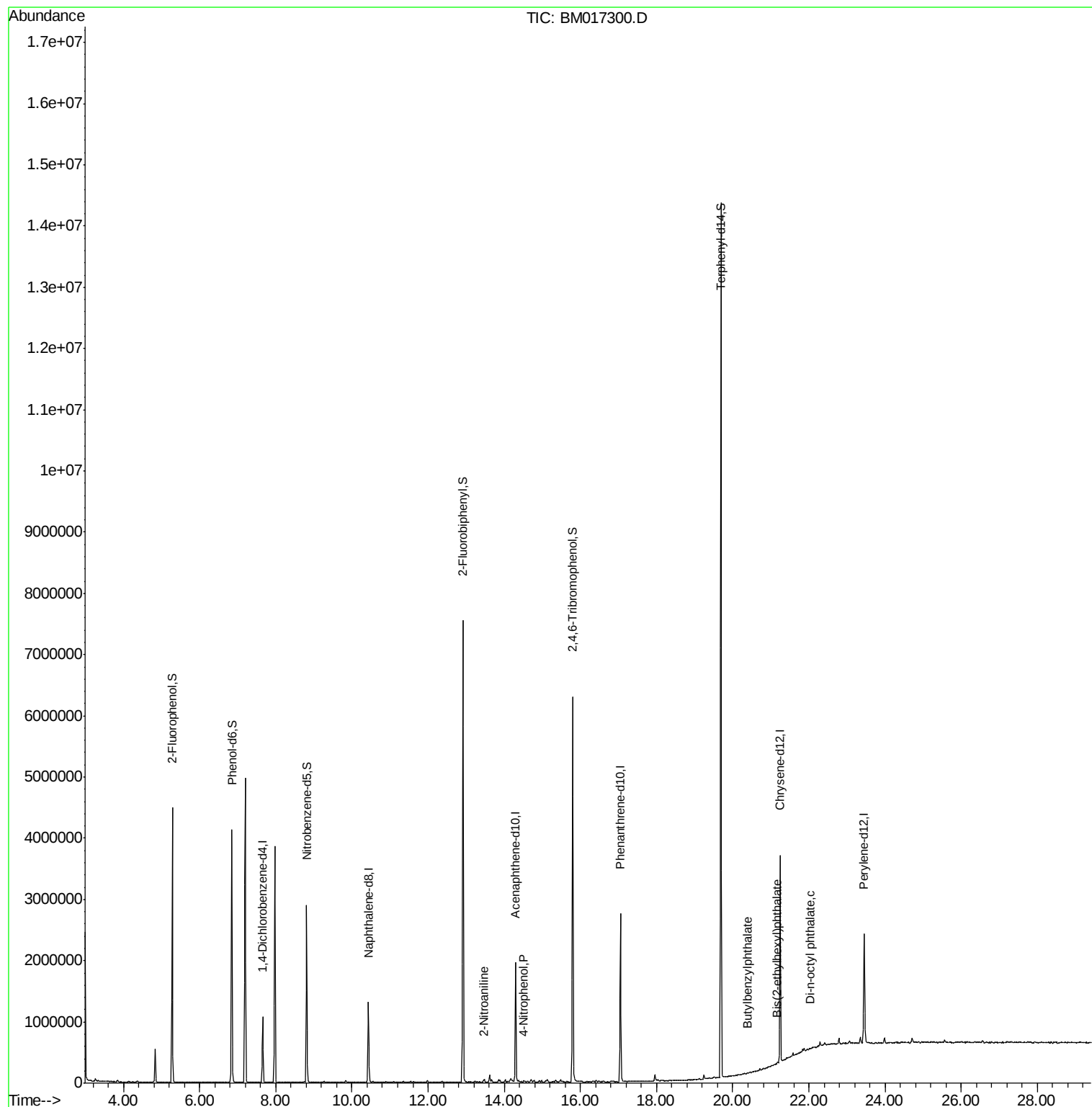
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	278742	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1104175	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	635478	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1555385	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1622887	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1327733	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1908949	115.83	ng	0.00
7) Phenol-d6	6.85	99	2306997	102.78	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1667938	88.35	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1212688	141.11	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3939214	82.48	ng	-0.02
79) Terphenyl-d14	19.69	244	6667648	92.61	ng	-0.01
Target Compounds						
48) 2-Nitroaniline	13.45	65	139	5.698	ng	# 5
56) 4-Nitrophenol	14.52	139	1023	4.807	ng	# 49
80) Butylbenzylphthalate	20.39	149	640	7.192	ng	# 89
84) Bis(2-ethylhexyl)phthalate	21.17	149	7806	5.439	ng	# 91
85) Di-n-octyl phthalate	22.04	149	2181	5.593	ng	# 32

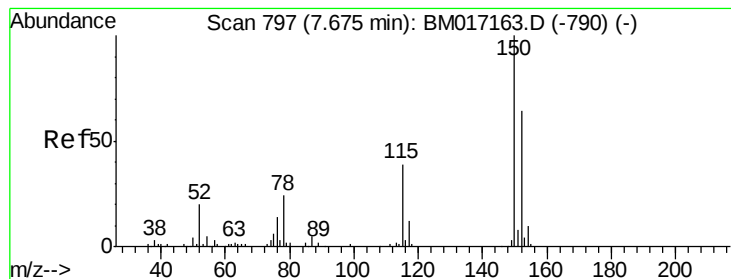
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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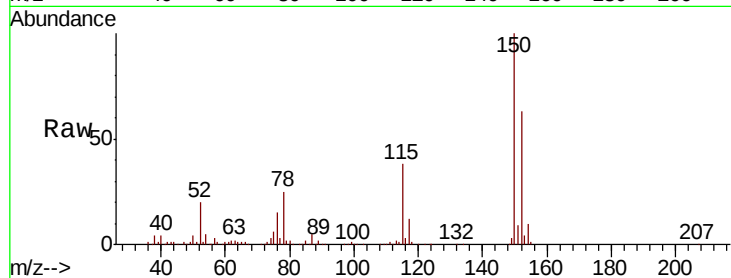


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017300.D
Acq: 24 Oct 2018 00:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.3	186.5
115	60.4	48.1	72.1

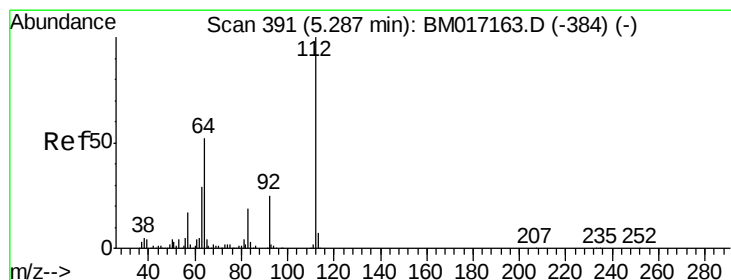
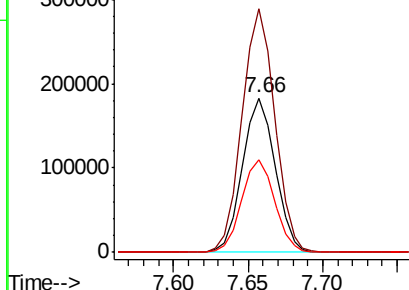
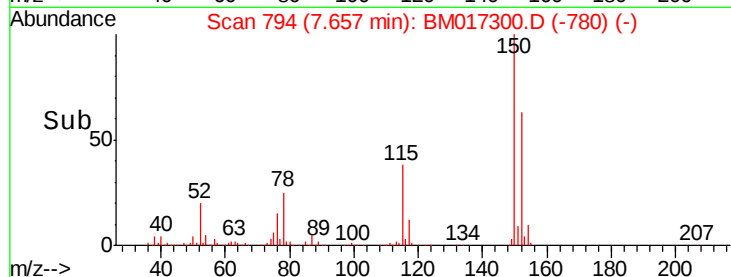


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

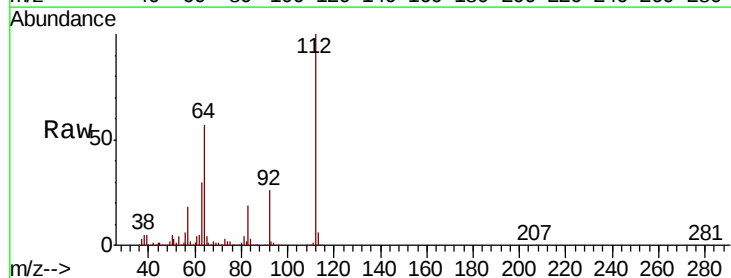
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.830 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017300.D
Acq: 24 Oct 2018 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	41.7	62.5
63	29.8	23.0	34.4

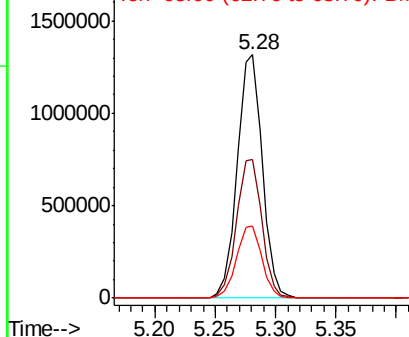
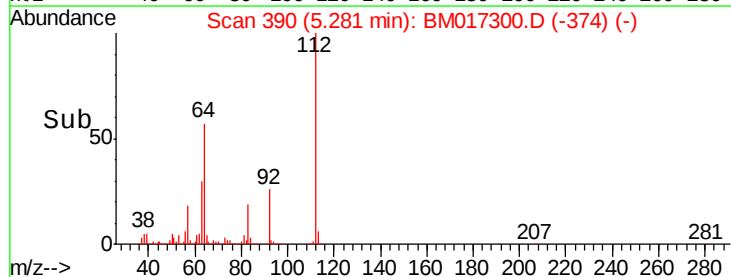


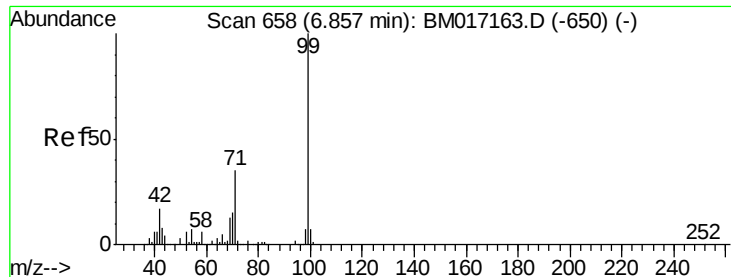
Abundance

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: 102.782 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

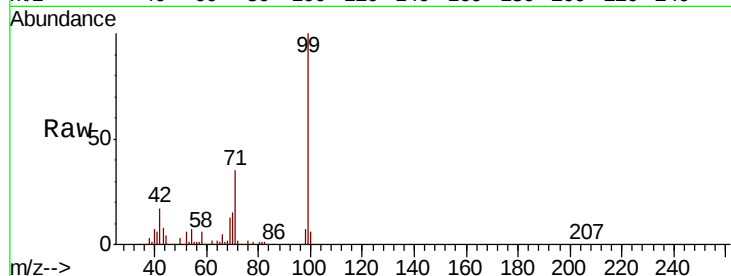
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2306997

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.3	19.9
71	35.1	28.0	42.0

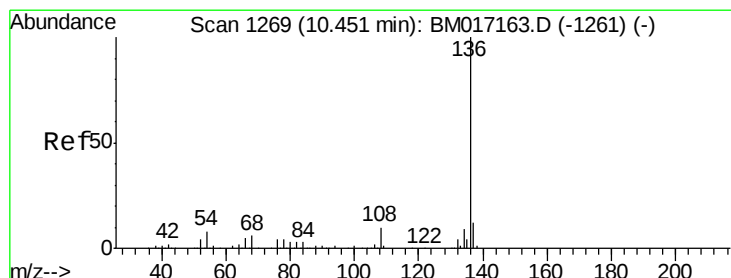
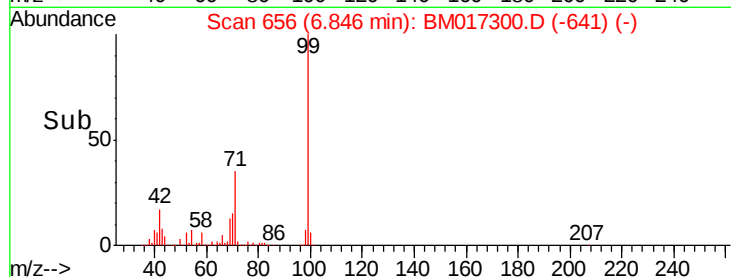
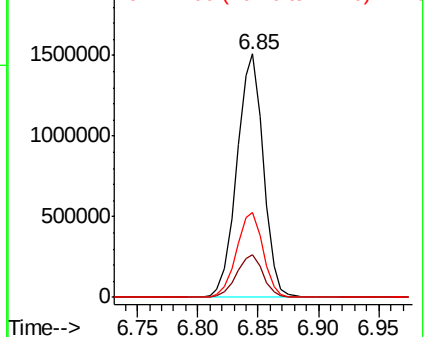


Abundance

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

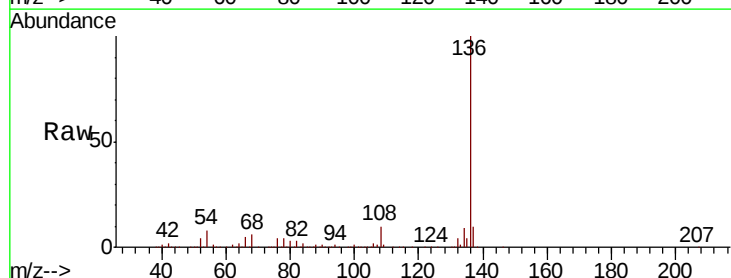
Delta R.T. -0.02 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

Tgt Ion: 136 Resp: 1104175

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.7	10.1
68	5.6	4.7	7.1



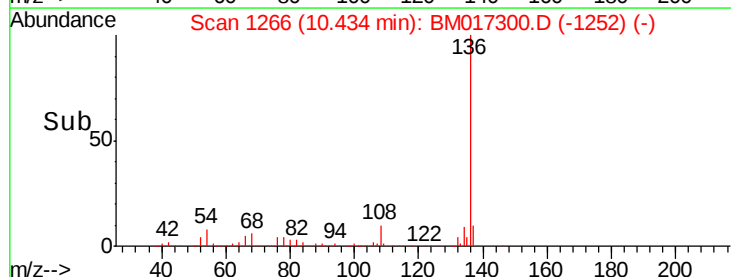
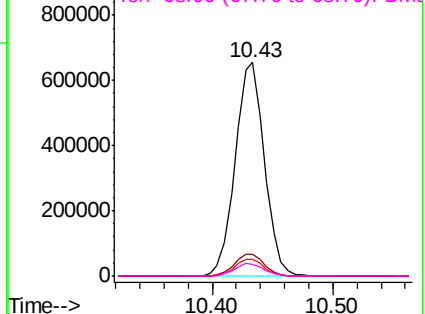
Abundance

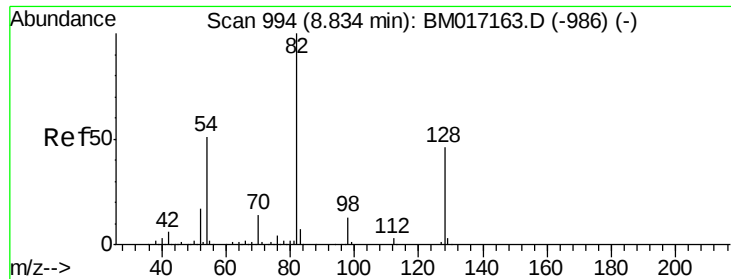
Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)



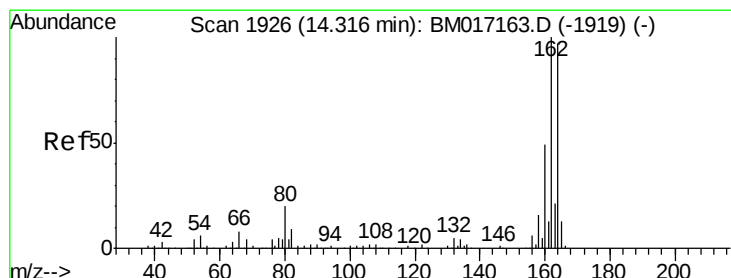
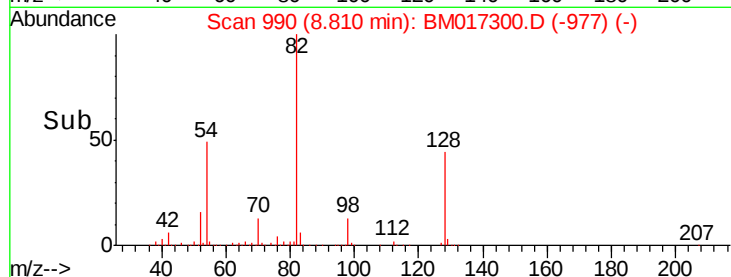
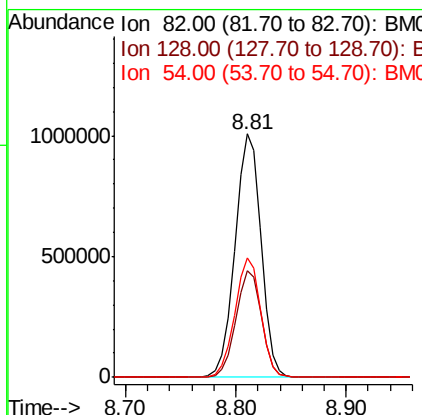
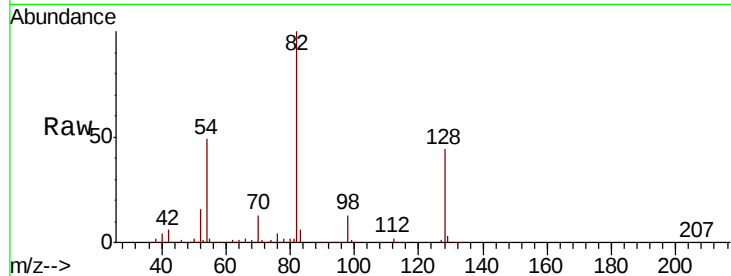


#23
 Nitrobenzene-d5
 Concen: 88.347 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1667938

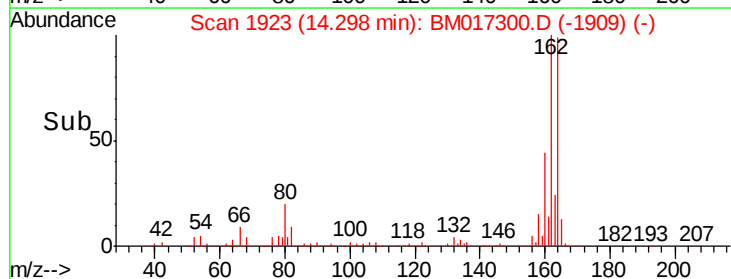
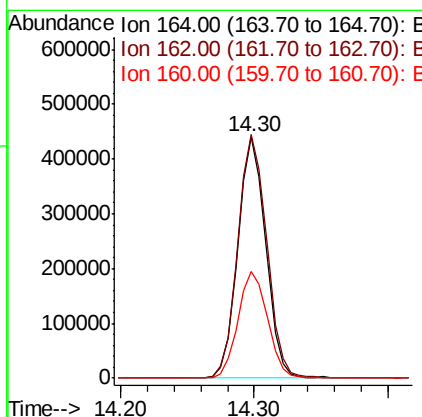
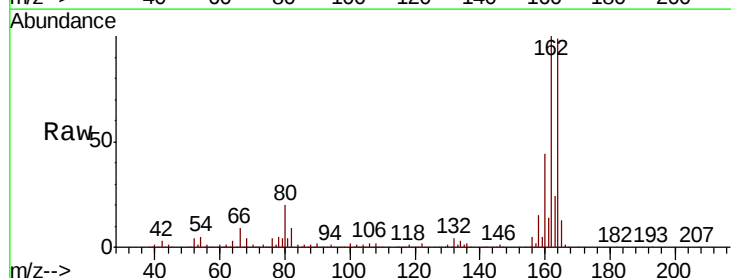
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	48.9	40.7	61.1

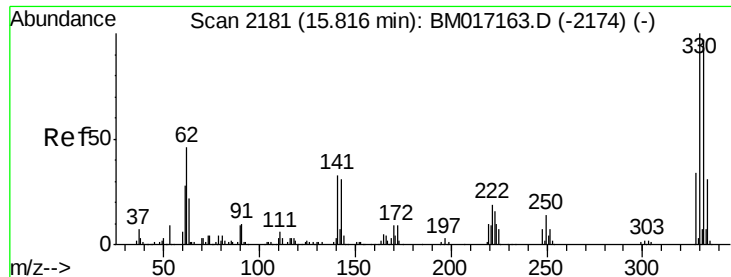


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Tgt Ion: 164 Resp: 635478

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.1	123.1
160	44.0	40.2	60.2



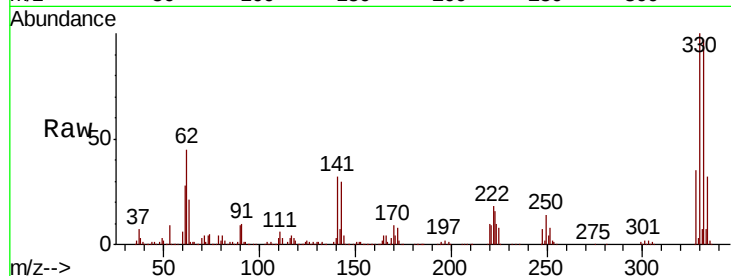


#42
 2,4,6-Tribromophenol
 Concen: 141.110 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

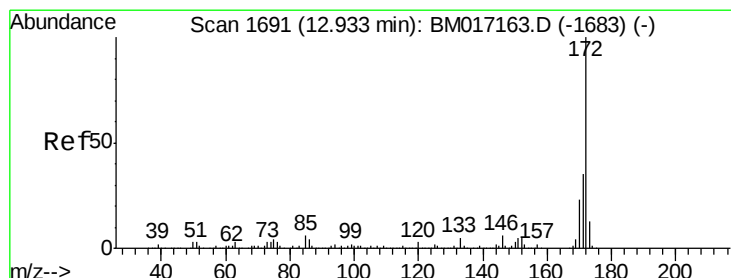
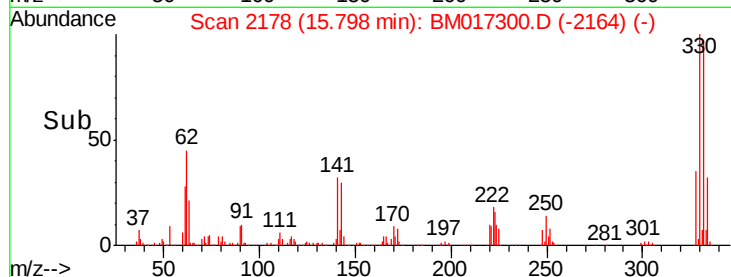
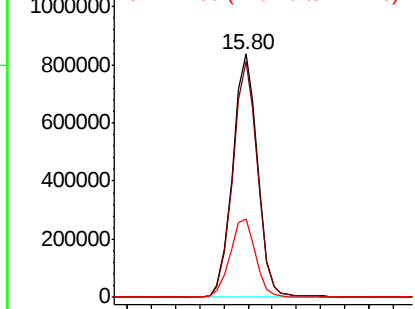
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1212688

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.1	27.4	41.0



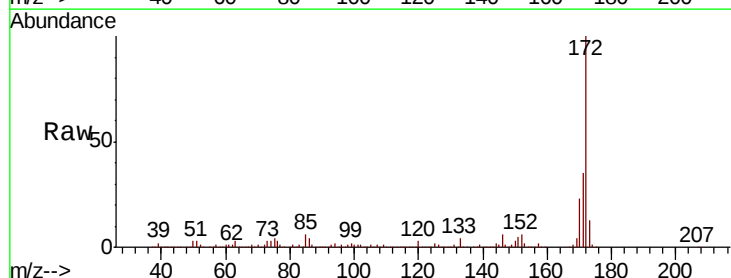
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



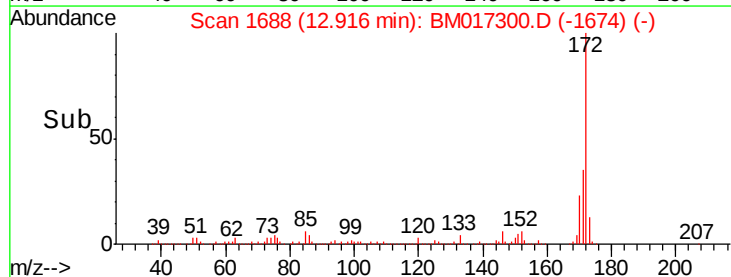
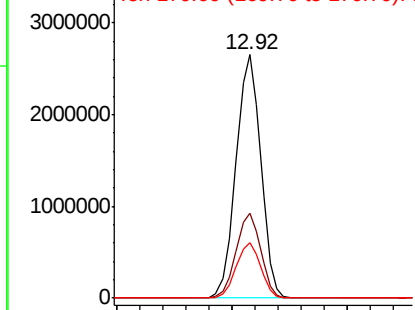
#45
 2-Fluorobiphenyl
 Concen: 82.478 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

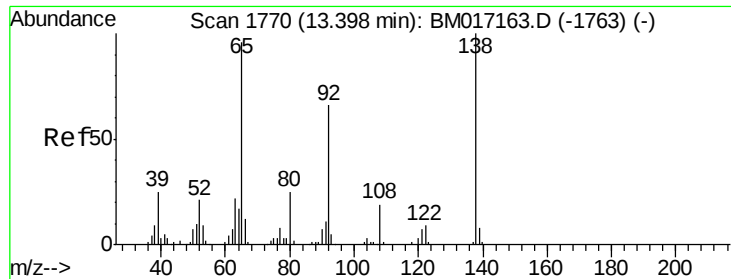
Tgt Ion:172 Resp: 3939214

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.7	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

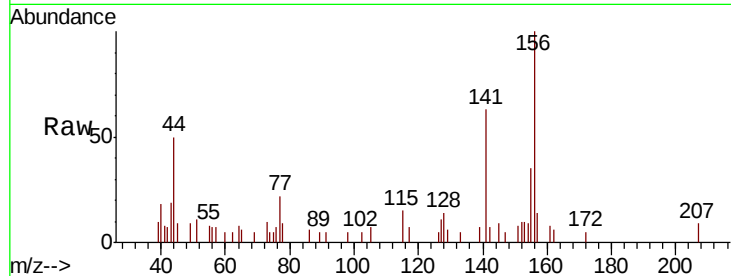




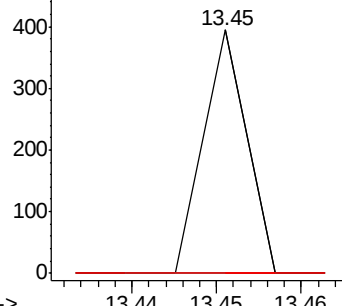
#48
 2-Nitroaniline
 Concen: 5.698 ng
 RT: 13.45 min Scan# 1779
 Delta R.T. 0.05 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Instrument :
 BNA_M
 ClientSampled :

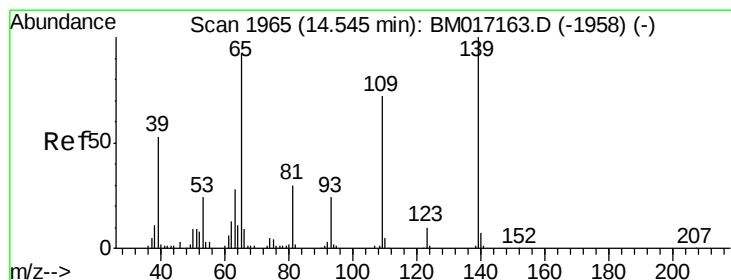
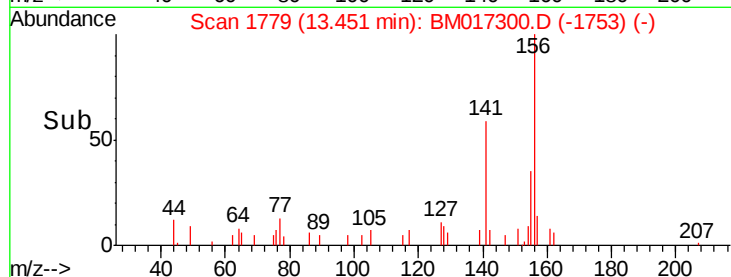
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.9	82.3#
138	0.0	83.7	125.5#



Abundance Ion 65.00 (64.70 to 65.70): BM017163.D (-1763) (-)
 Ion 92.00 (91.70 to 92.70): BM017163.D (-1763) (-)
 Ion 138.00 (137.70 to 138.70): BM017163.D (-1763) (-)

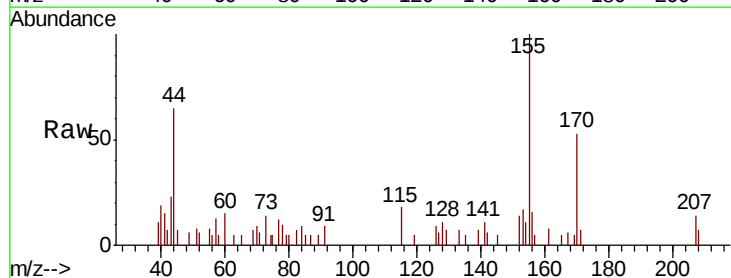


Time-->

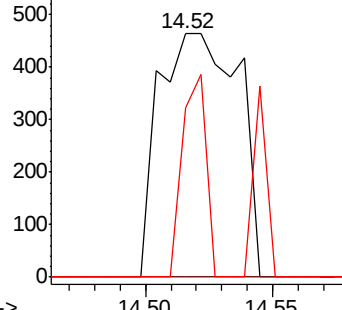


#56
 4-Nitrophenol
 Concen: 4.807 ng
 RT: 14.52 min Scan# 1960
 Delta R.T. -0.03 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

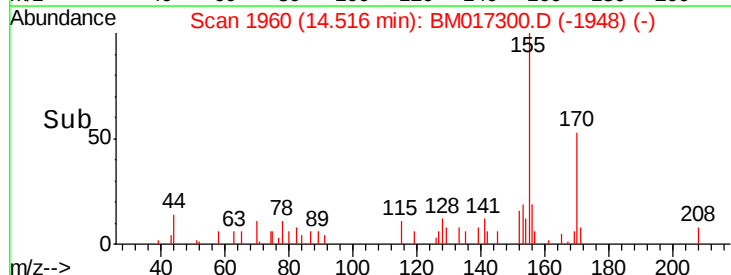
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.8	91.8#
65	69.6	72.1	112.1#

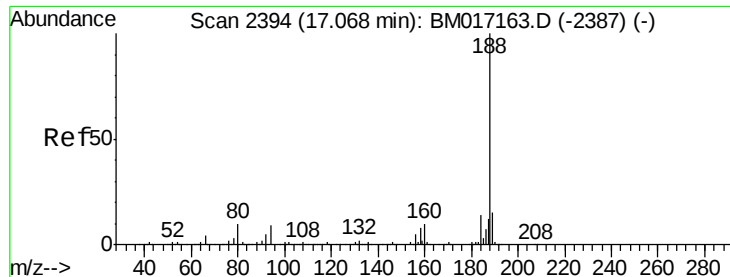


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1958) (-)
 Ion 109.00 (108.70 to 109.70): BM017163.D (-1958) (-)
 Ion 65.00 (64.70 to 65.70): BM017163.D (-1958) (-)



Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

Instrument :

BNA_M

ClientSampleId :

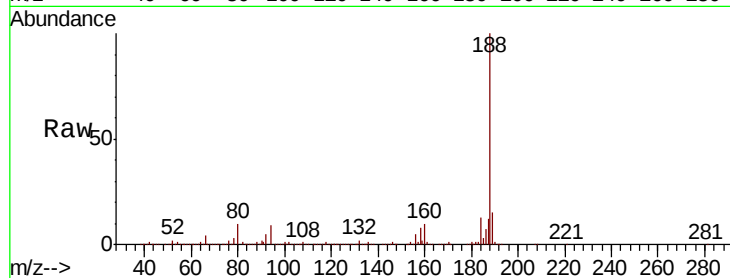
Tot Ion:188 Resp: 1555385

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

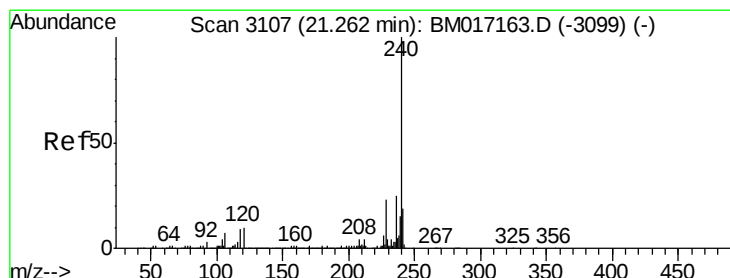
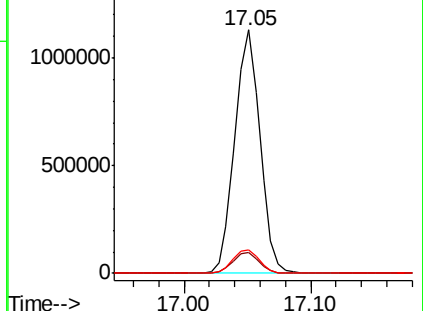
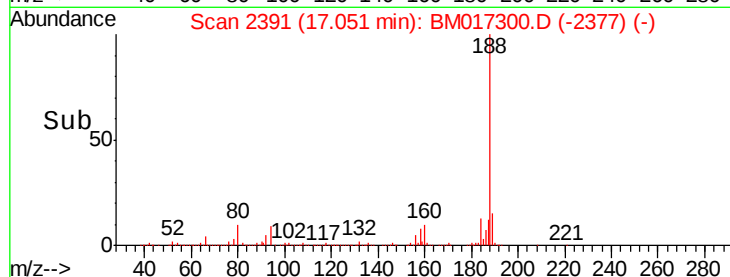
80 9.7 7.7 11.5



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: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

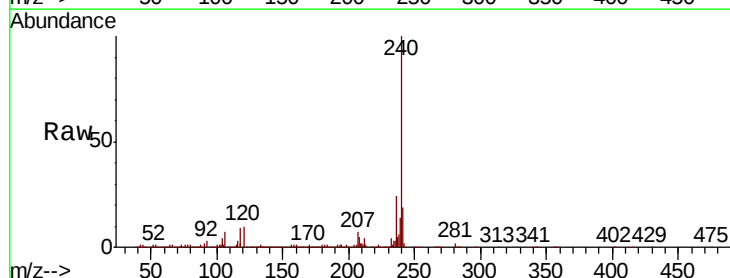
Tgt Ion:240 Resp: 1622887

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

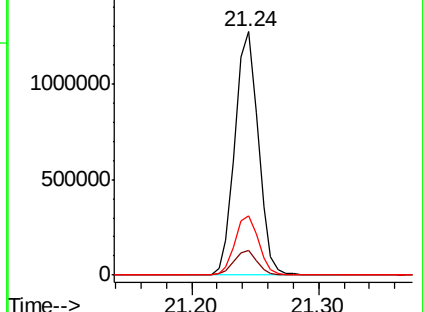
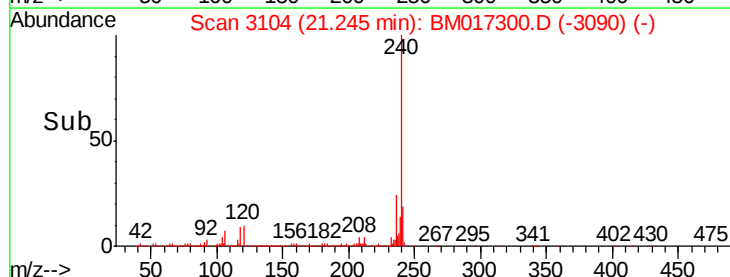
236 24.4 19.9 29.9

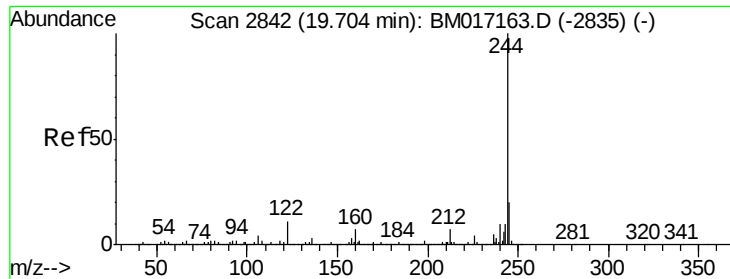


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.606 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

Instrument :

BNA_M

ClientSampleId :

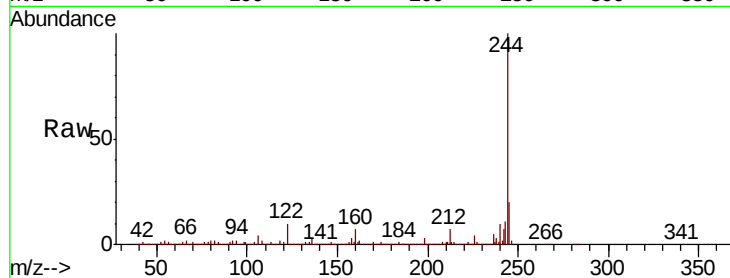
Tot Ion:244 Resp: 6667648

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

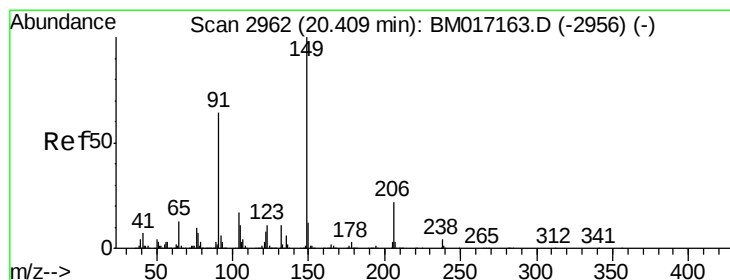
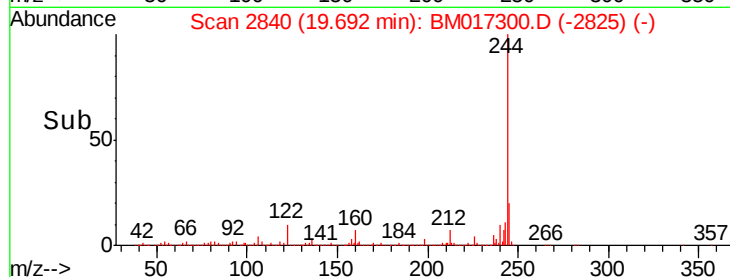
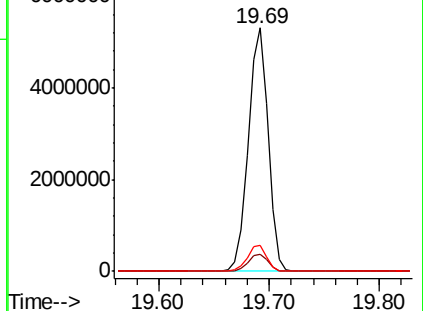
122 10.5 8.4 12.6



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: 7.192 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017300.D

Acq: 24 Oct 2018 00:31

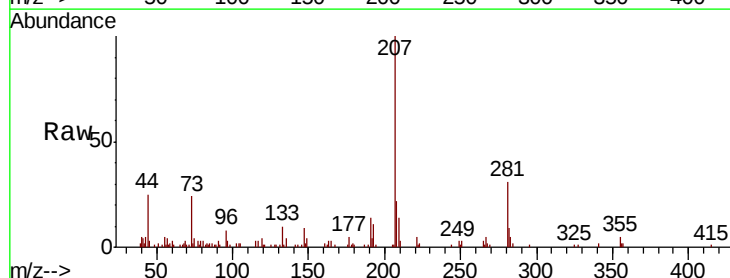
Tgt Ion:149 Resp: 640

Ion Ratio Lower Upper

149 100

91 74.2 51.3 76.9

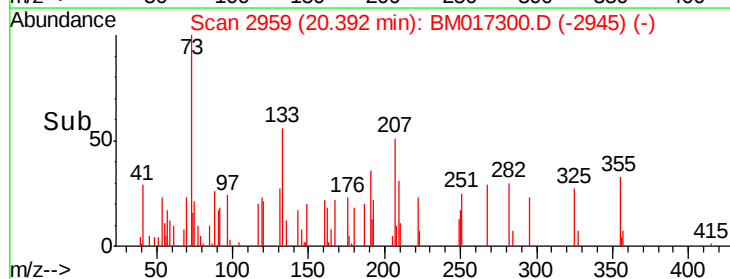
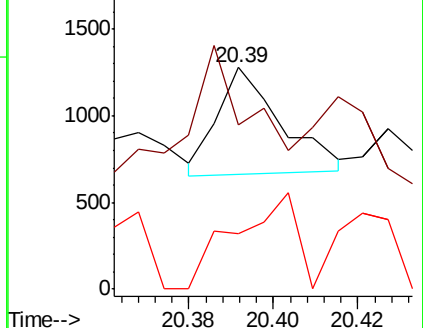
206 24.8 18.0 27.0

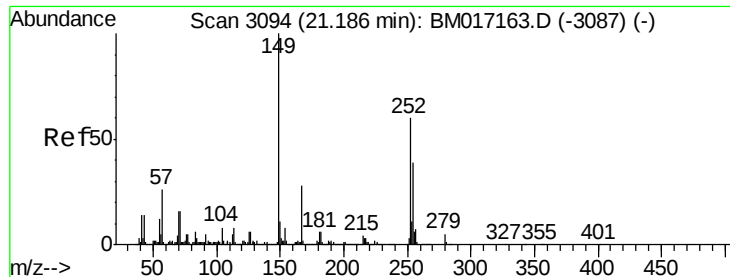


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

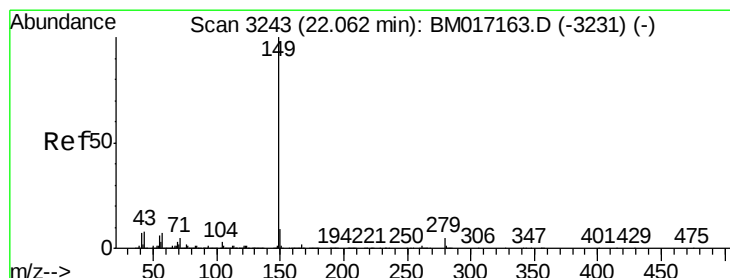
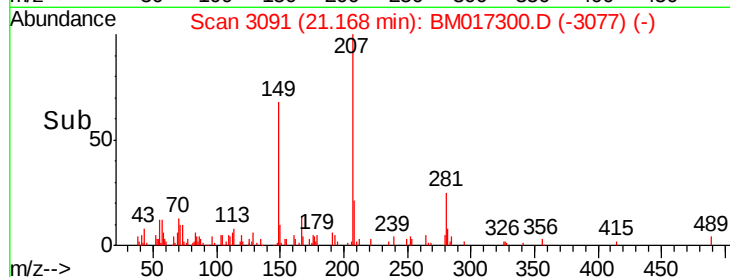
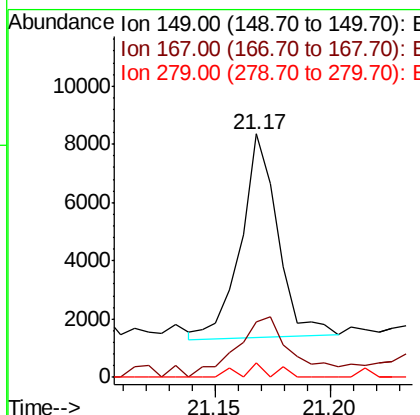
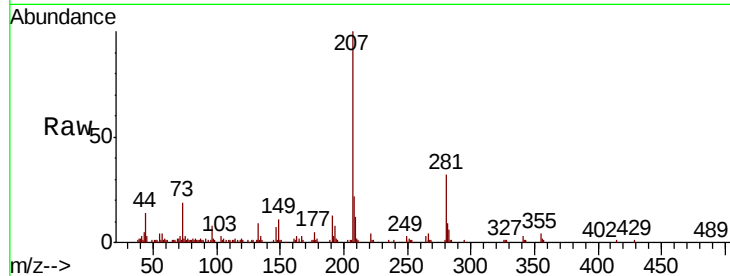




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.439 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

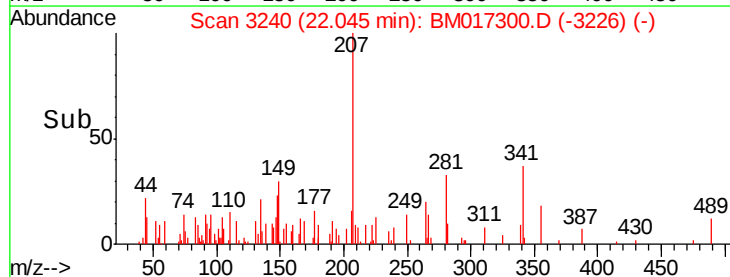
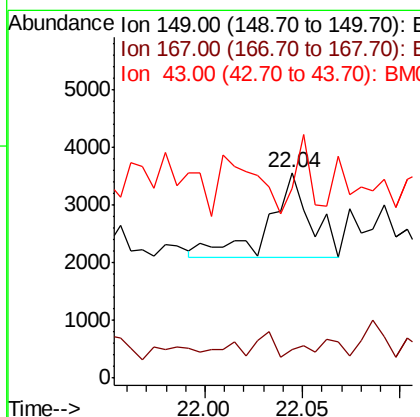
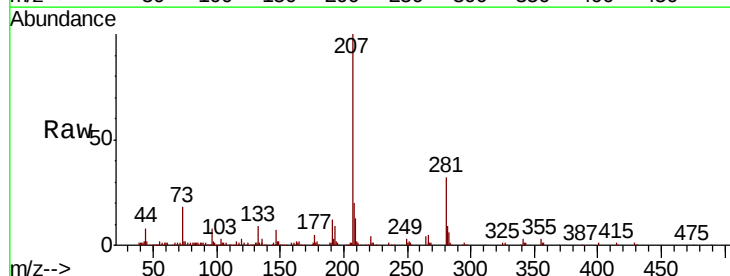
Instrument :
 BNA_M
 ClientSampleId :

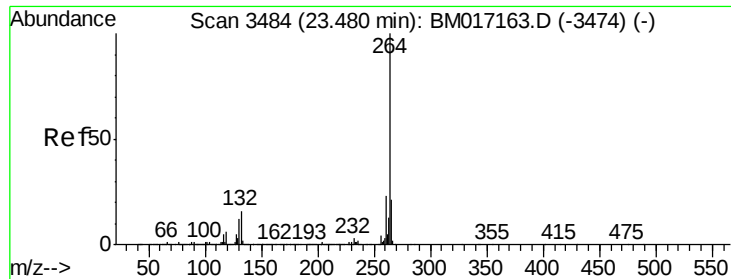
Tot Ion:149 Resp: 7806
 Ion Ratio Lower Upper
 149 100
 167 22.7 22.2 33.4
 279 6.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.593 ng
 RT: 22.04 min Scan# 3240
 Delta R.T. -0.02 min
 Lab File: BM017300.D
 Acq: 24 Oct 2018 00:31

Tgt Ion:149 Resp: 2181
 Ion Ratio Lower Upper
 149 100
 167 26.4 1.4 2.0#
 43 33.7 7.2 10.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3479
Delta R.T. -0.03 min
Lab File: BM017300.D
Acq: 24 Oct 2018 00:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1327733

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.2	17.8	26.8

