

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017281.D
 Acq On : 22 Oct 2018 16:27
 Operator : MJ/SJ
 Sample : J5538-18RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:20:22 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

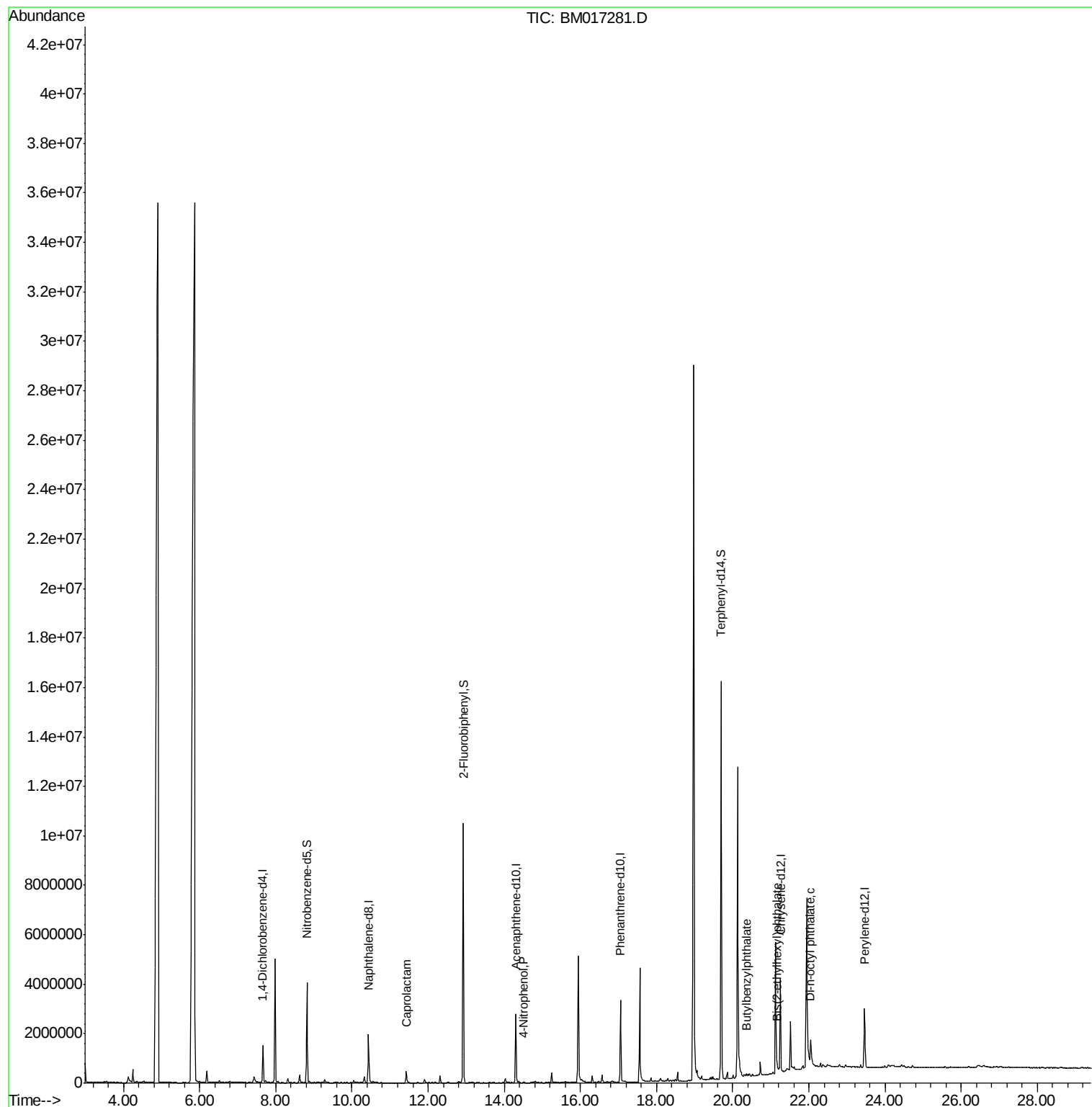
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397010	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1628714	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	906837	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1927216	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1770291	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1651855	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.85	99	5393	0.17	ng	0.00
23) Nitrobenzene-d5	8.82	82	2325565	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	3012	0.25	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5400641	79.24	ng	-0.01
79) Terphenyl-d14	19.70	244	7152006	91.06	ng	0.00
Target Compounds						
35) Caprolactam	11.43	113	36394	4.230	ng	# 16
56) 4-Nitrophenol	14.49	139	114	4.724	ng	# 60
80) Butylbenzylphthalate	20.37	149	747	7.193	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.18	149	3577	5.363	ng	# 99
85) Di-n-octyl phthalate	22.03	149	1978	5.589	ng	# 1

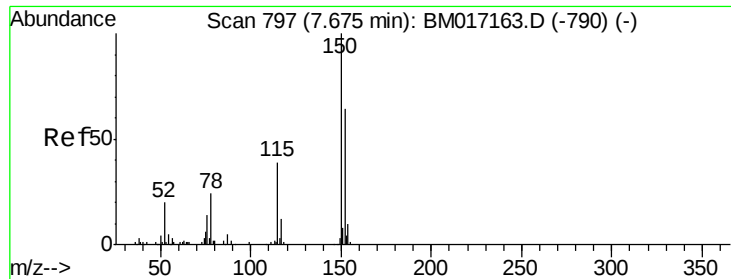
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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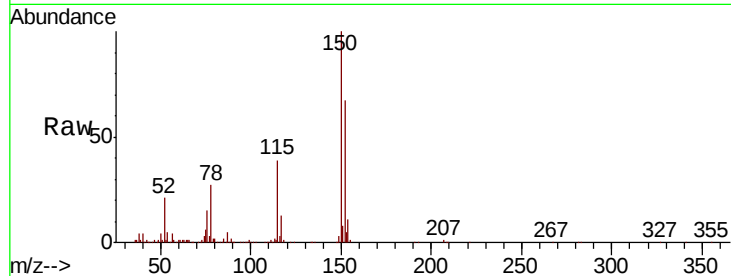


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.3	186.5
115	57.5	48.1	72.1

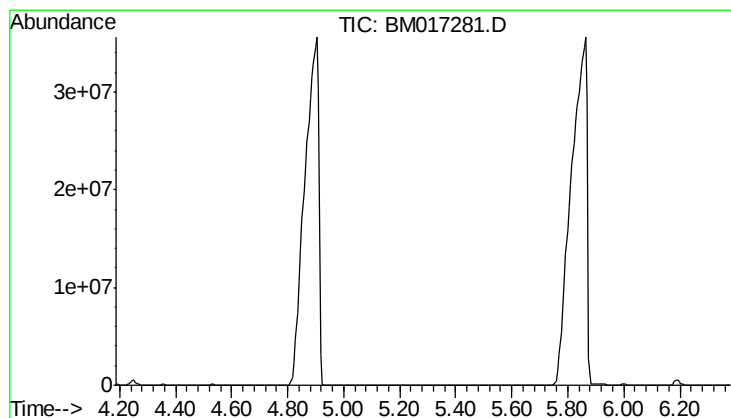
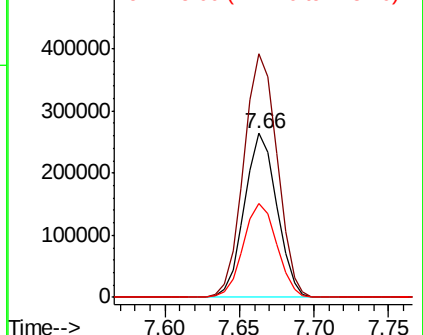
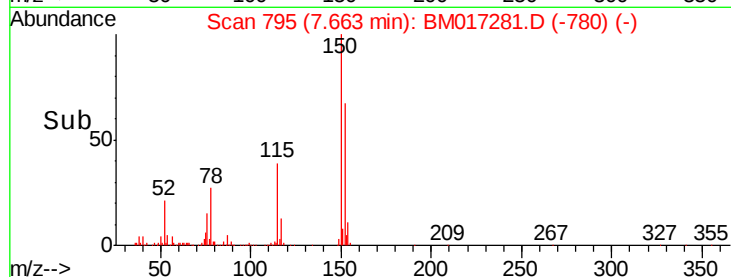


Abundance

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

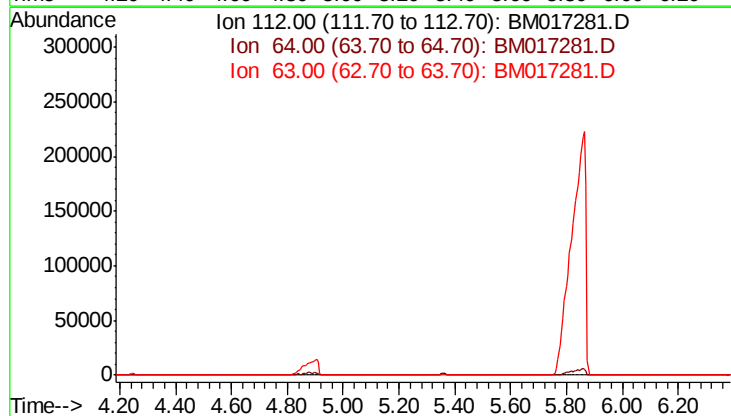


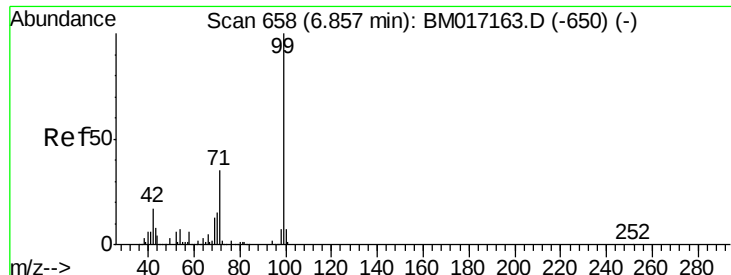
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

Tgt Ion	Sig	Exp Ratio
112	100	
64	52.1	
63	28.7	





#7

Phenol-d6

Concen: 0.169 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Instrument :

BNA_M

ClientSampled :

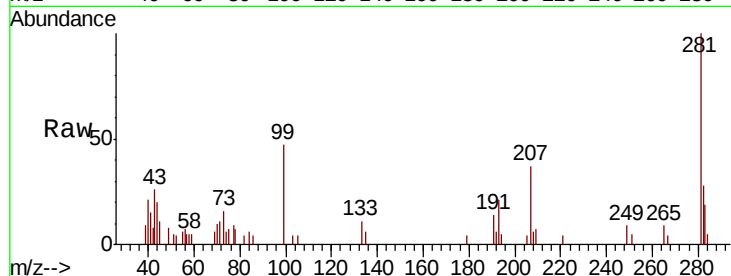
Tot Ion: 99 Resp: 5393

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

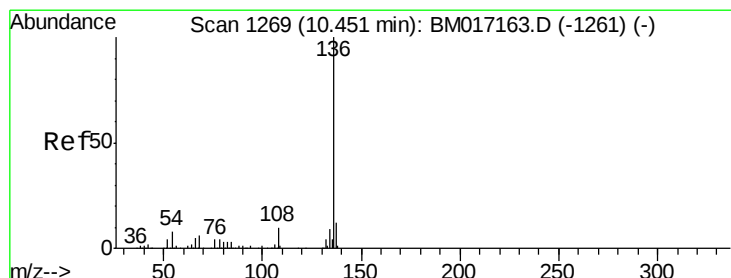
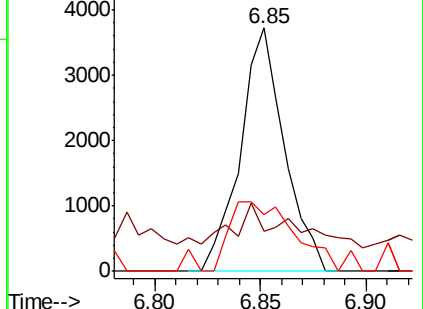
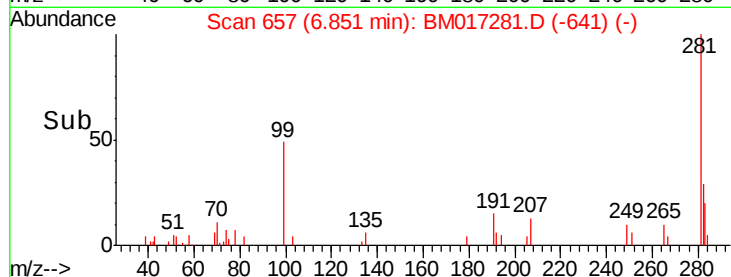
71 23.1 28.0 42.0#



Abundance Ion 99.00 (98.70 to 99.70): BM017281.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017281.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017281.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Tgt Ion: 136 Resp: 1628714

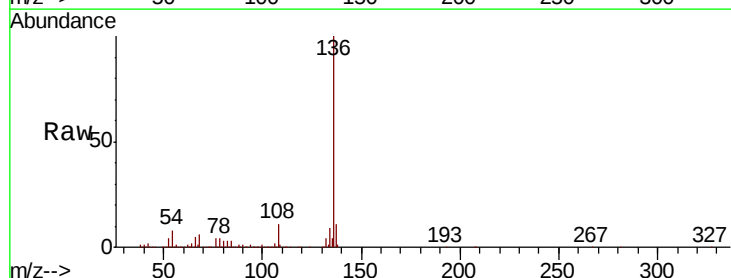
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.0 6.7 10.1

68 6.0 4.7 7.1

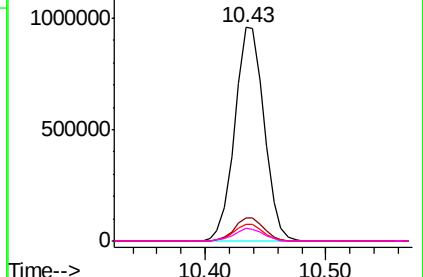
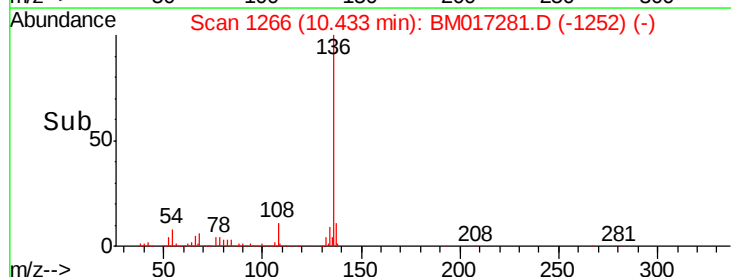


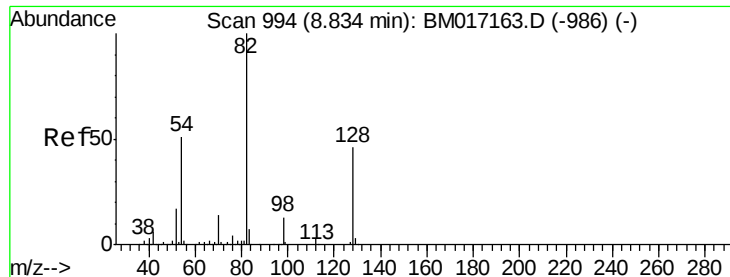
Abundance Ion 136.00 (135.70 to 136.70): BM017281.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017281.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017281.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017281.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 83.509 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

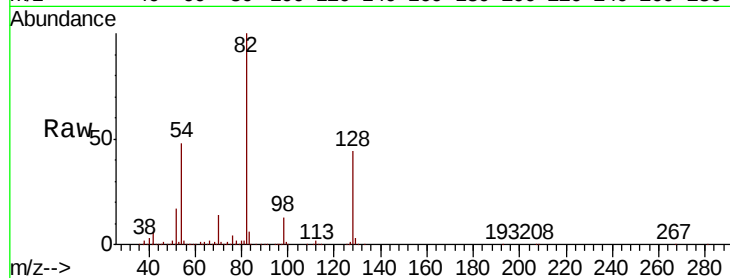
Tot Ion: 82 Resp: 2325565

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	47.8	40.7	61.1

82 100

128 43.7 37.0 55.6

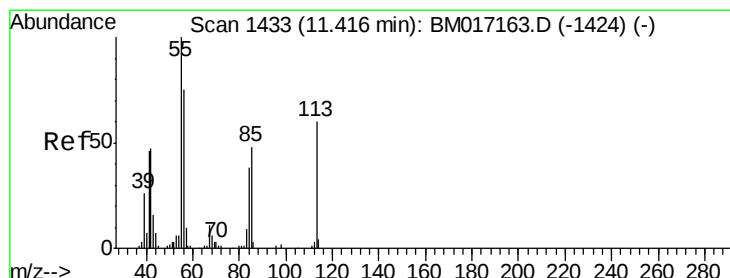
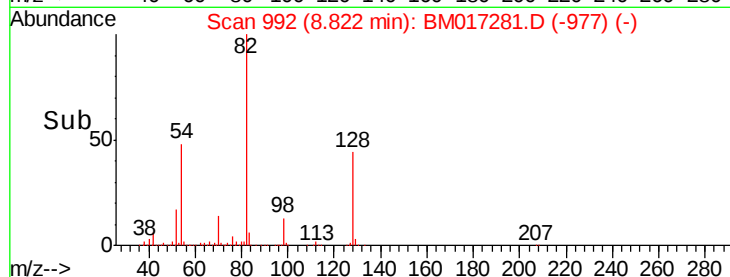
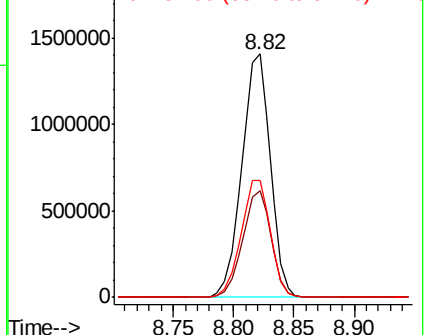
54 47.8 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017281.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM017281.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM017281.D (-977) (-)



#35

Caprolactam

Concen: 4.230 ng

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

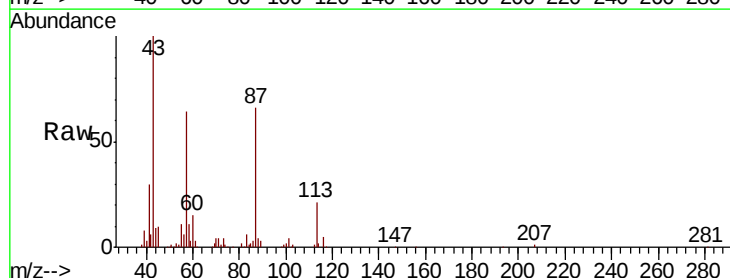
Tgt Ion: 113 Resp: 36394

Ion	Ratio	Lower	Upper
113	100		
55	51.4	147.0	187.0#
56	30.2	104.5	144.5#

113 100

55 51.4 147.0 187.0#

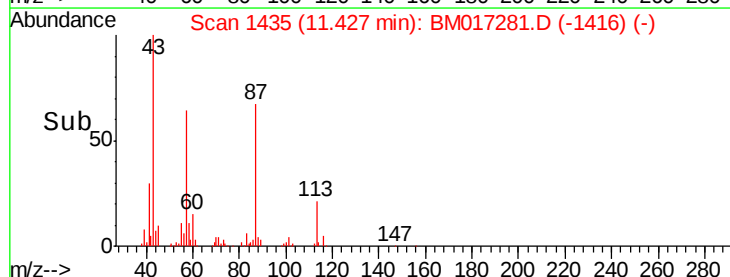
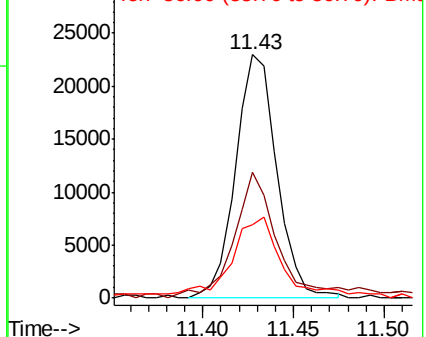
56 30.2 104.5 144.5#

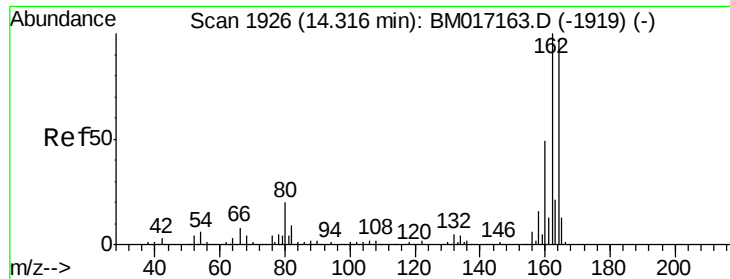


Abundance Ion 113.00 (112.70 to 113.70): BM017281.D (-1416) (-)

Ion 55.00 (54.70 to 55.70): BM017281.D (-1416) (-)

Ion 56.00 (55.70 to 56.70): BM017281.D (-1416) (-)

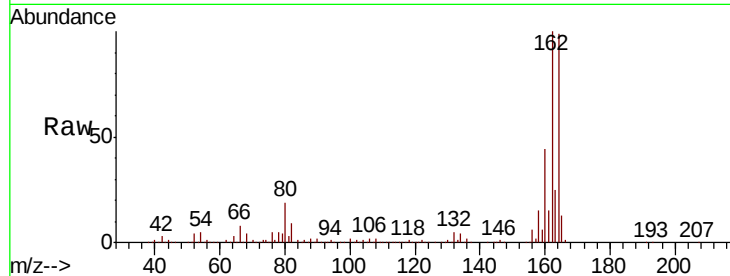




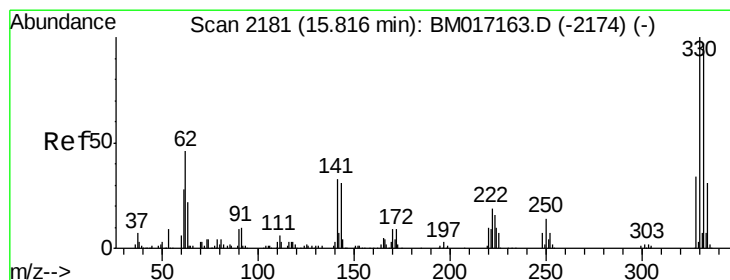
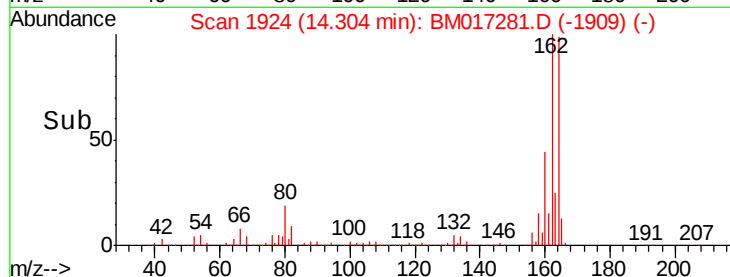
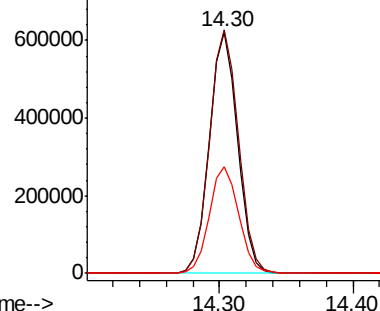
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 906837
Ion Ratio Lower Upper
164 100
162 100.8 82.1 123.1
160 44.3 40.2 60.2

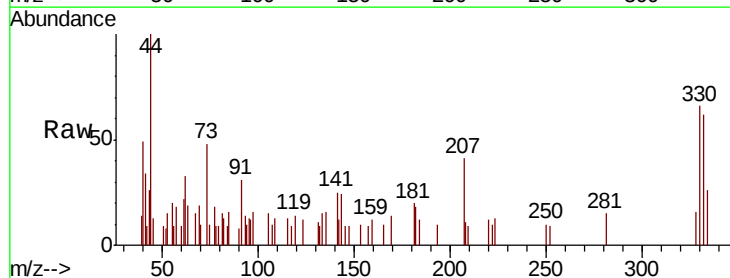


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

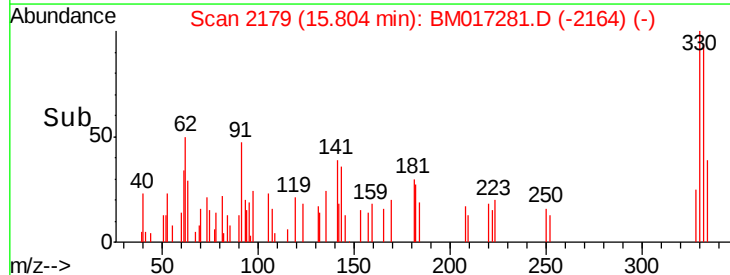
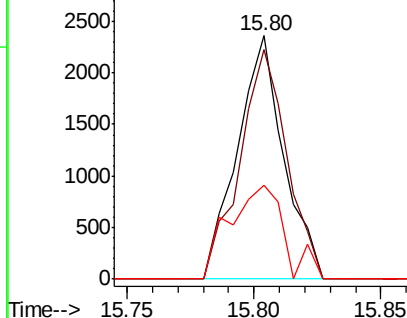


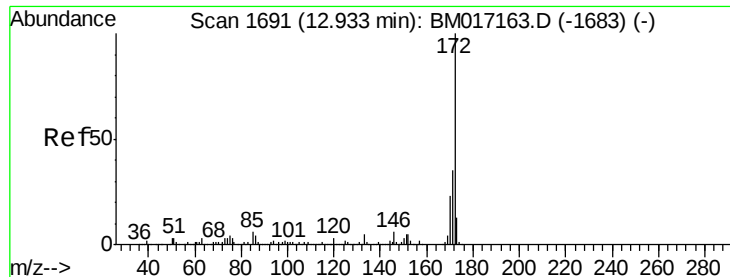
#42
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

Tgt Ion:330 Resp: 3012
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 45.6 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



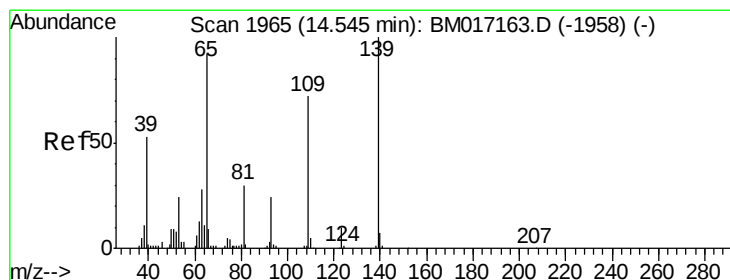
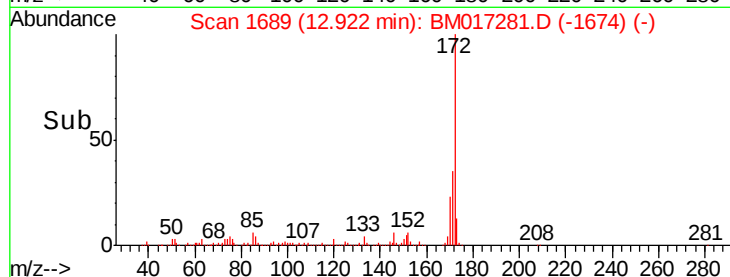
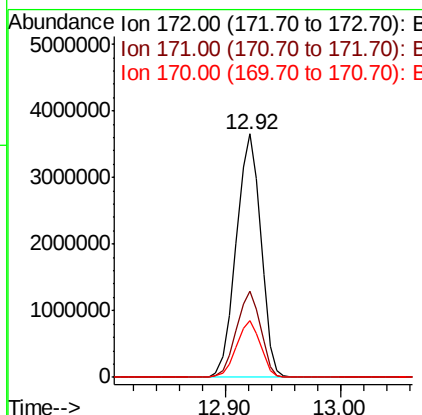
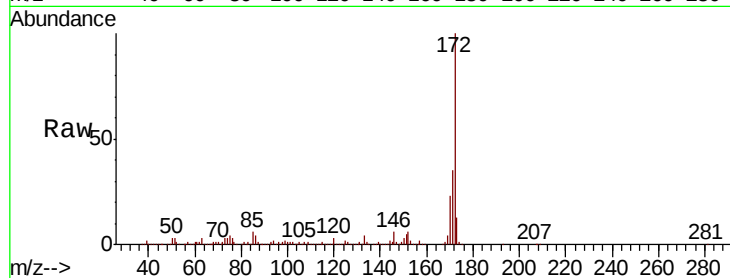


#45
 2-Fluorobiphenyl
 Concen: 79.240 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 5400641

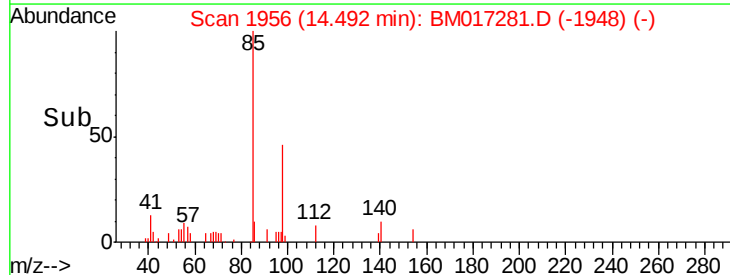
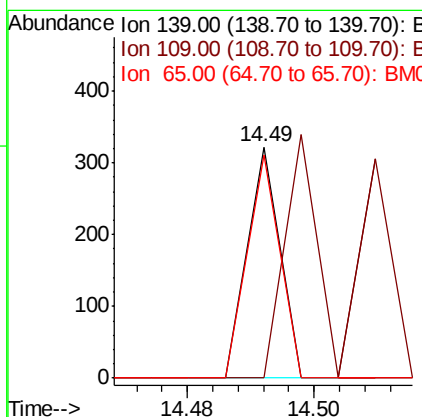
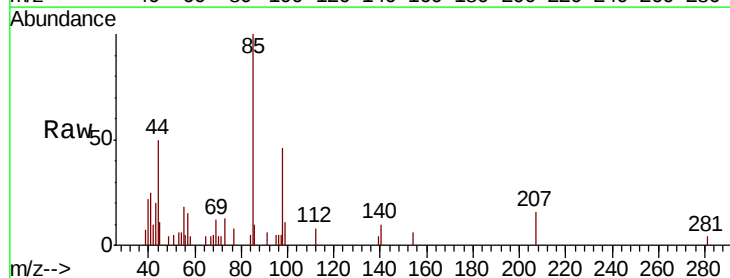
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.2	18.3	27.5

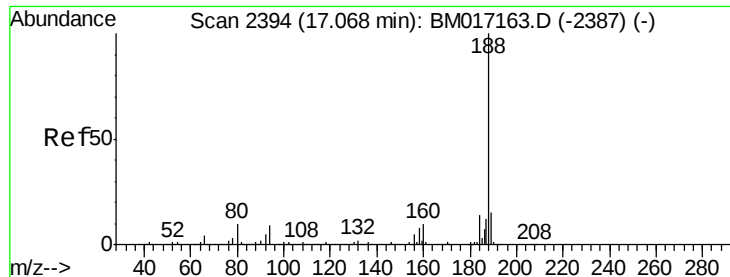


#56
 4-Nitrophenol
 Concen: 4.724 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.05 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Tgt Ion:139 Resp: 114

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.8	91.8#
65	96.6	72.1	112.1

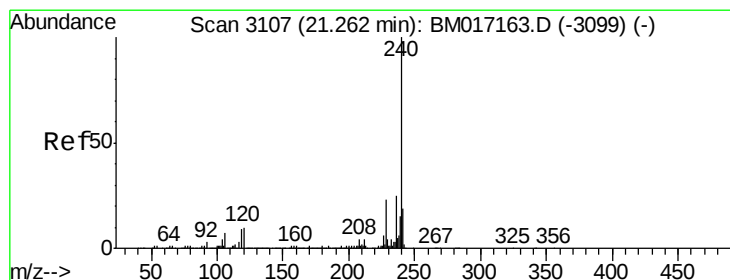
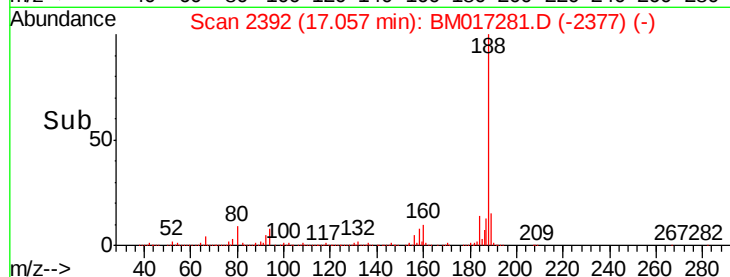
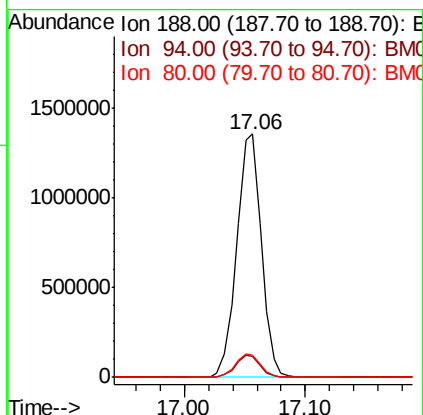
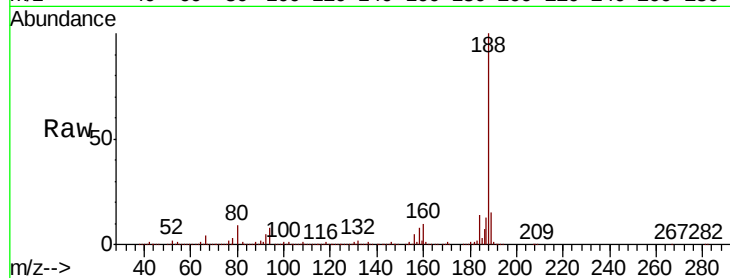




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

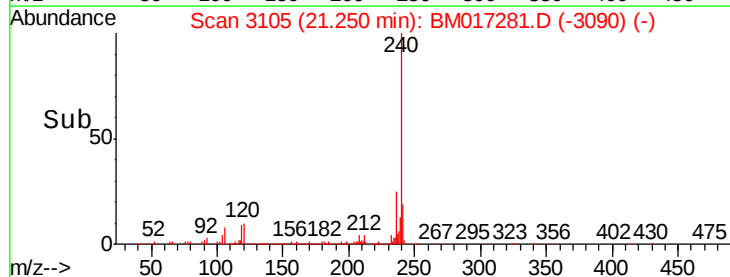
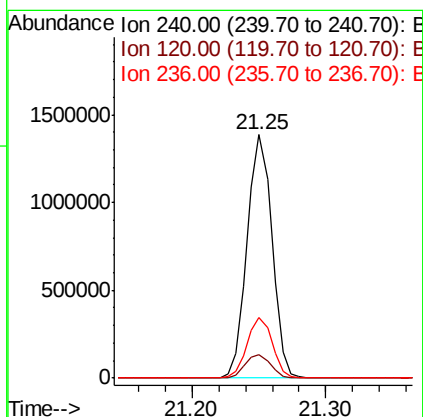
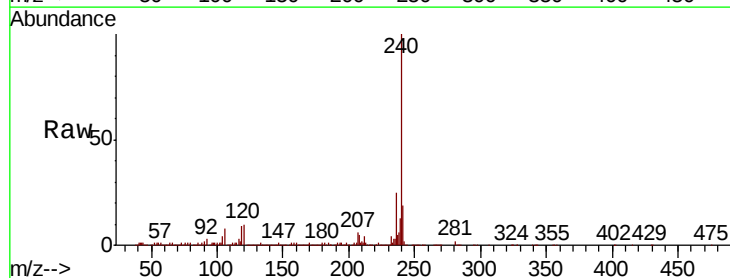
Instrument :
BNA_M
ClientSampleId :

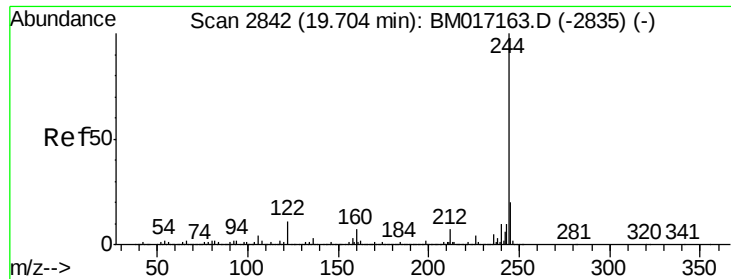
Tot Ion:188 Resp: 1927216
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

Tgt Ion:240 Resp: 1770291
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 24.9 19.9 29.9

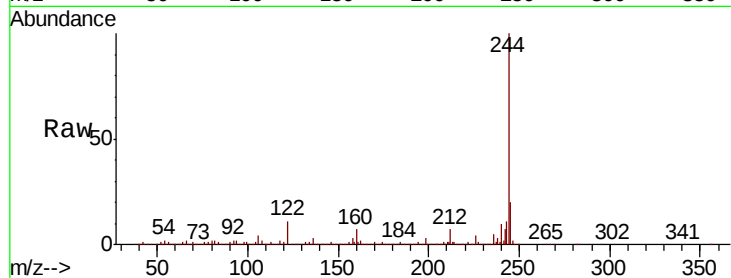




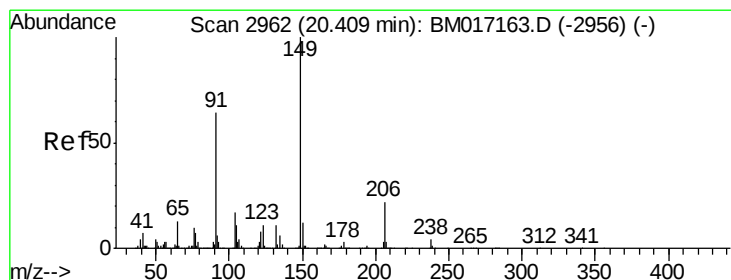
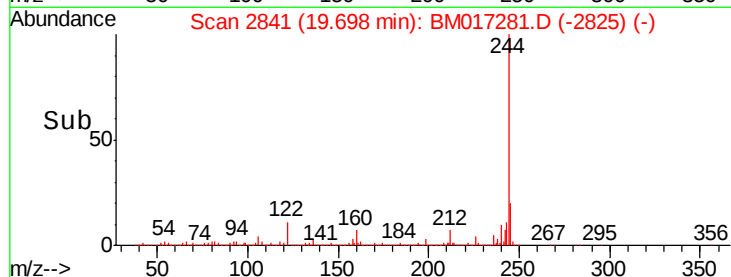
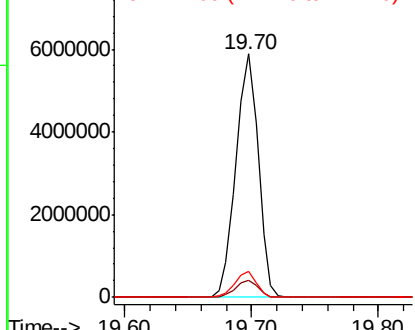
#79
 Terphenyl-d14
 Concen: 91.062 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 7152006
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.6 8.4 12.6

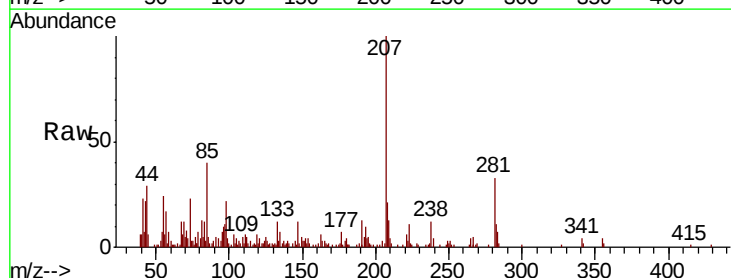


Abundance Ion 244.00 (243.70 to 244.70): E
 8000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

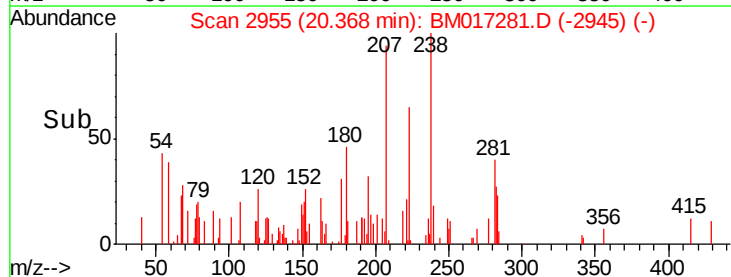
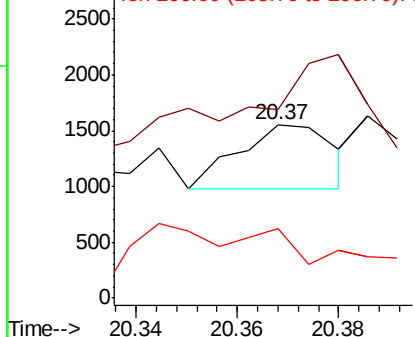


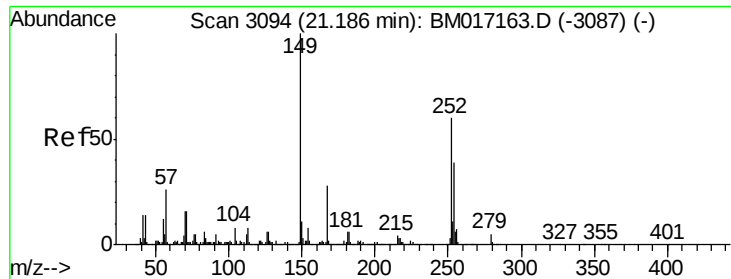
#80
 Butylbenzylphthalate
 Concen: 7.193 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.04 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Tgt Ion:149 Resp: 747
 Ion Ratio Lower Upper
 149 100
 91 108.5 51.3 76.9#
 206 39.7 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 3000
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E

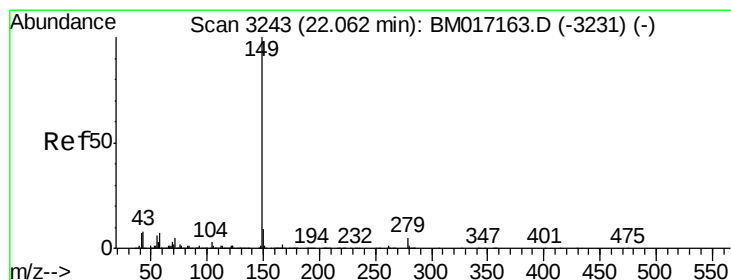
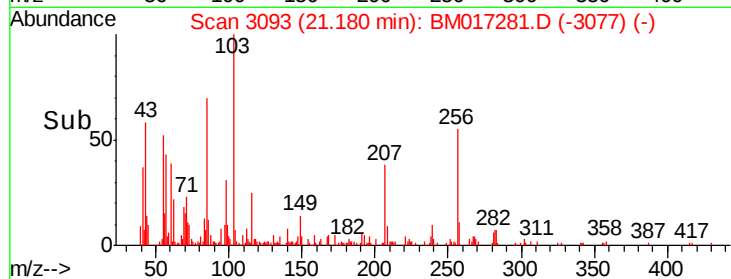
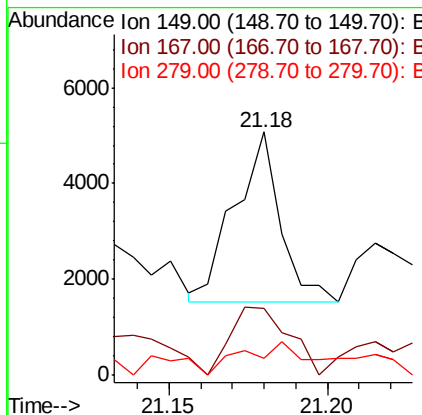
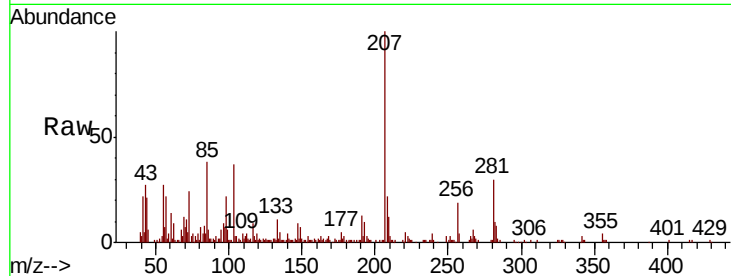




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.363 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

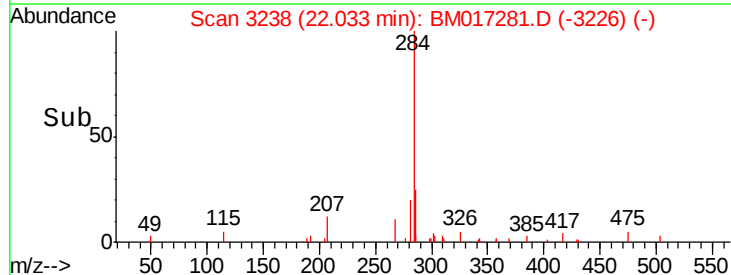
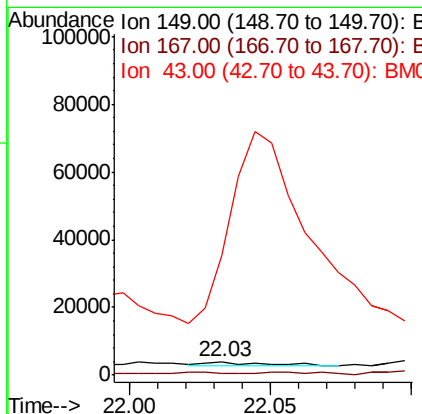
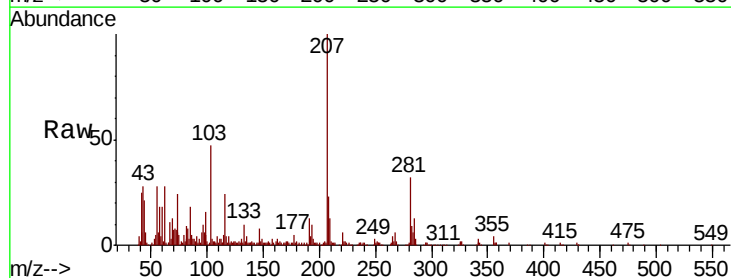
Instrument :
 BNA_M
 ClientSampleId :

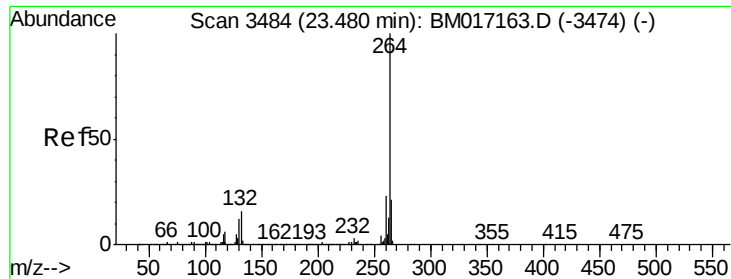
Tot Ion:149 Resp: 3577
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.2 33.4
 279 7.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.589 ng
 RT: 22.03 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Tgt Ion:149 Resp: 1978
 Ion Ratio Lower Upper
 149 100
 167 69.4 1.4 2.0#
 43 5747.4 7.2 10.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017281.D
Acq: 22 Oct 2018 16:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 1651855

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.6	17.8	26.8

