

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017301.D
 Acq On : 24 Oct 2018 01:07
 Operator : MJ/SJ
 Sample : J5623-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:59:42 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

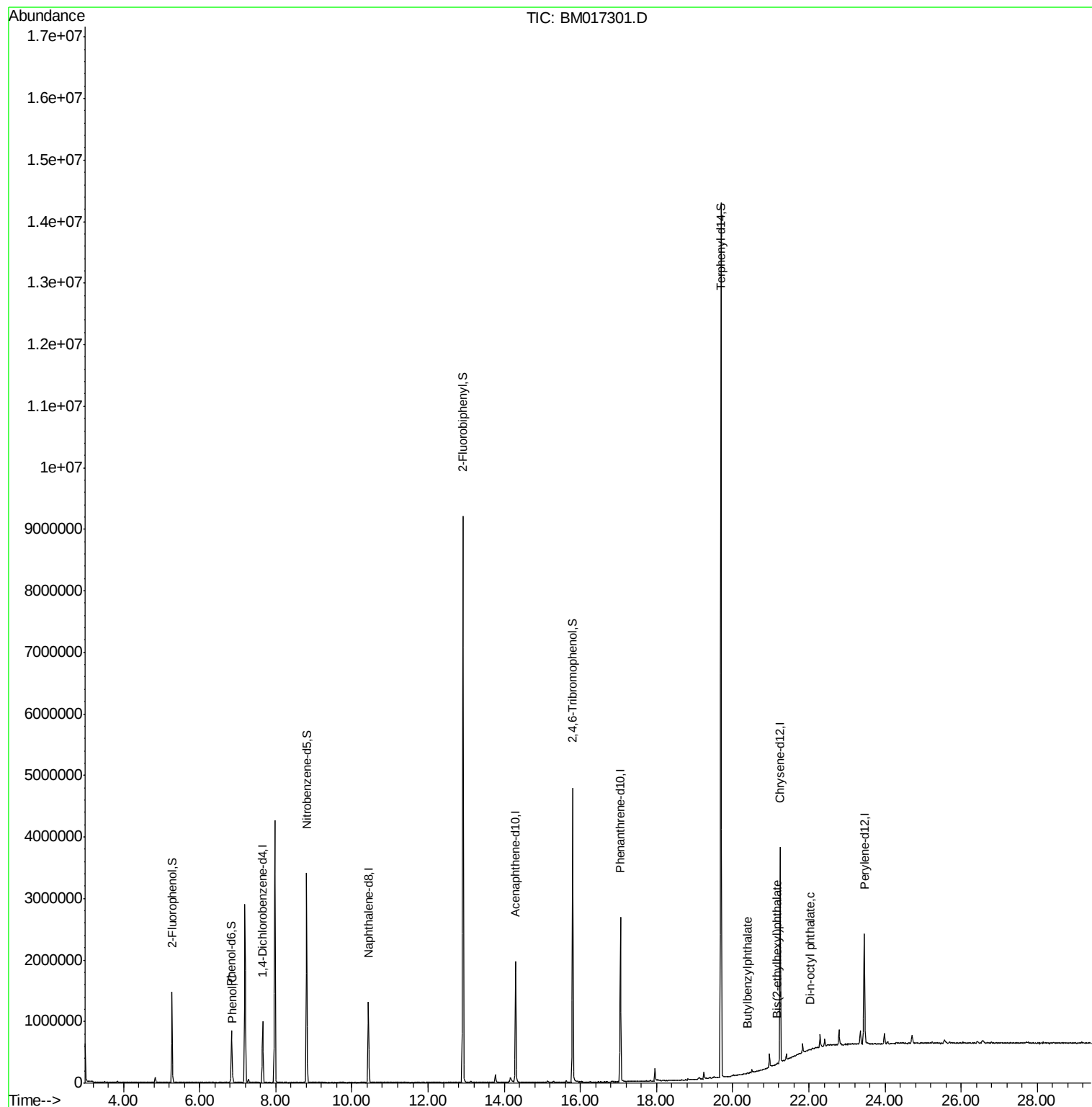
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	267802	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1102446	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	648594	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1535020	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1538823	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1289305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	597334	37.73	ng	-0.01
7) Phenol-d6	6.84	99	463041	21.47	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1919518	101.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	895771	102.13	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4776037	97.98	ng	-0.02
79) Terphenyl-d14	19.69	244	6669740	97.70	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	48752	2.101	ng	90
80) Butylbenzylphthalate	20.39	149	868	7.198	ng	# 83
84) Bis(2-ethylhexyl)phthalate	21.17	149	10507	5.495	ng	# 98
85) Di-n-octyl phthalate	22.04	149	939	5.581	ng	# 1

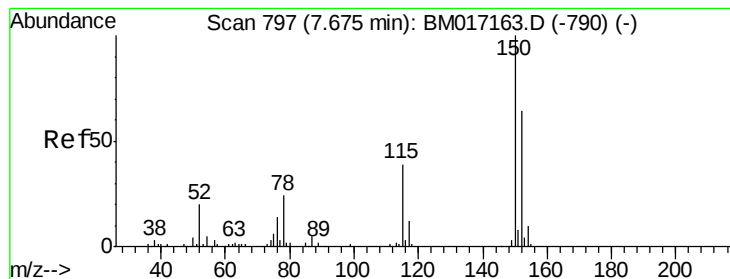
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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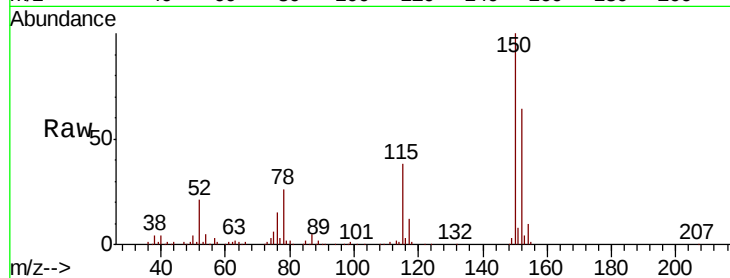


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017301.D
 Acq: 24 Oct 2018 01:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.3	186.5
115	58.8	48.1	72.1

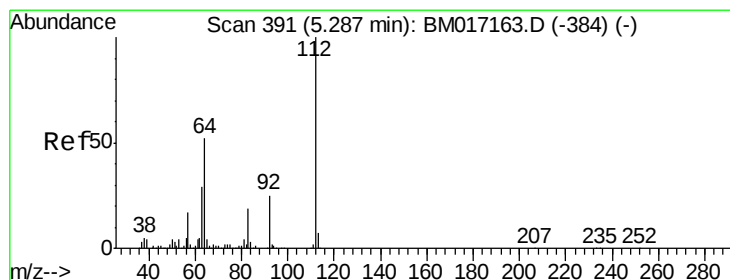
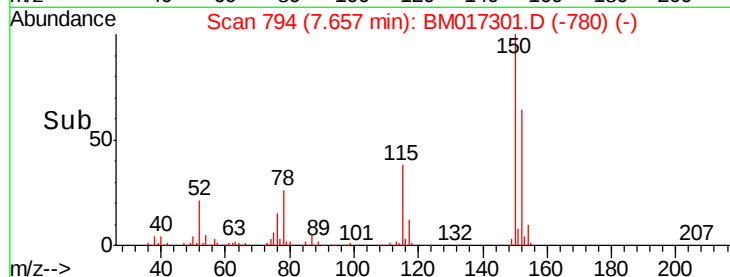
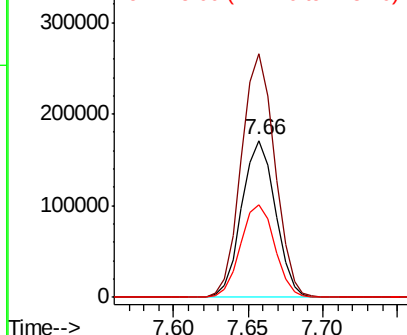


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

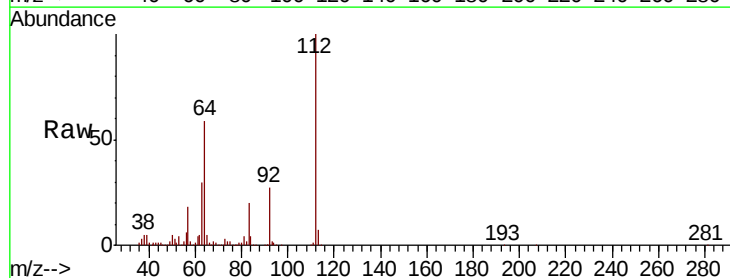
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 37.725 ng
 RT: 5.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BM017301.D
 Acq: 24 Oct 2018 01:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	41.7	62.5
63	29.9	23.0	34.4

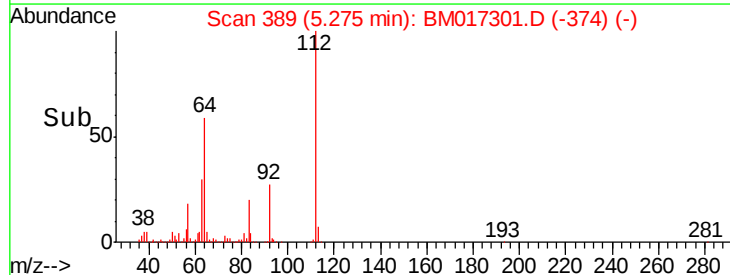
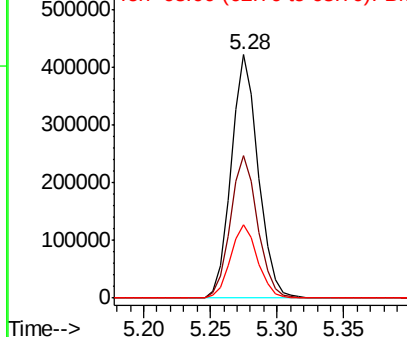


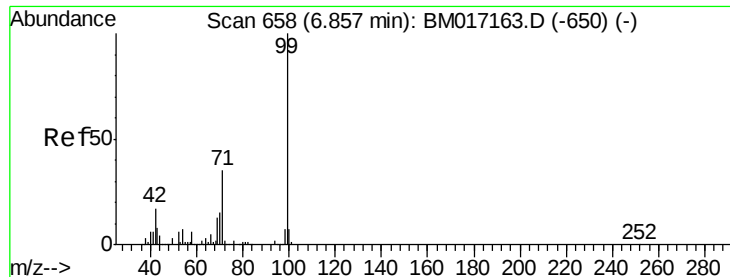
Abundance

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: 21.472 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017301.D

Acq: 24 Oct 2018 01:07

Instrument :

BNA_M

ClientSampleId :

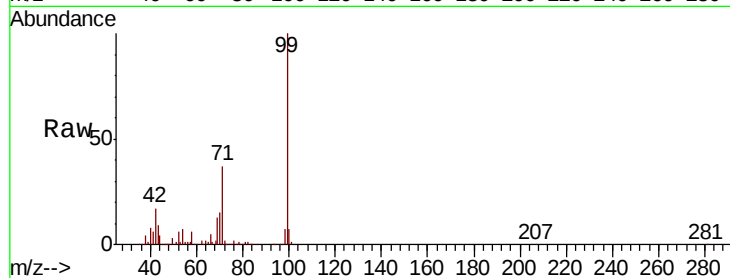
Tot Ion: 99 Resp: 463041

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

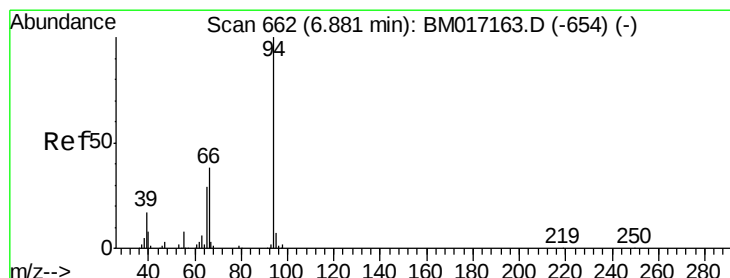
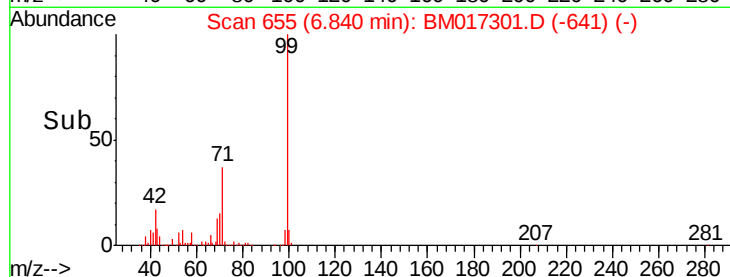
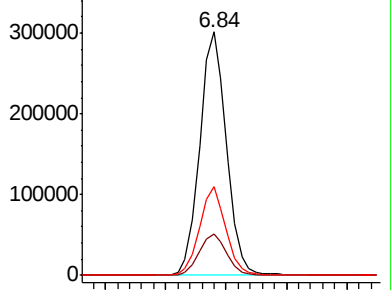
71 36.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017301.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017301.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017301.D (-641) (-)



#10

Phenol

Concen: 2.101 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017301.D

Acq: 24 Oct 2018 01:07

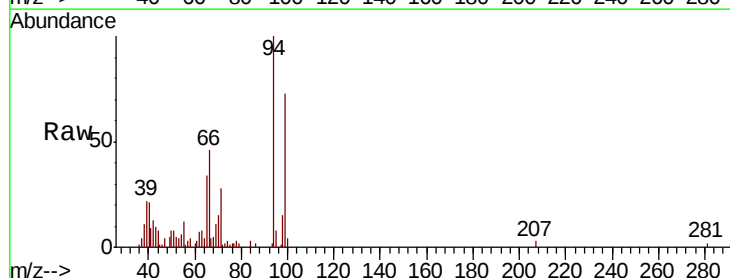
Tgt Ion: 94 Resp: 48752

Ion Ratio Lower Upper

94 100

65 34.3 9.4 49.4

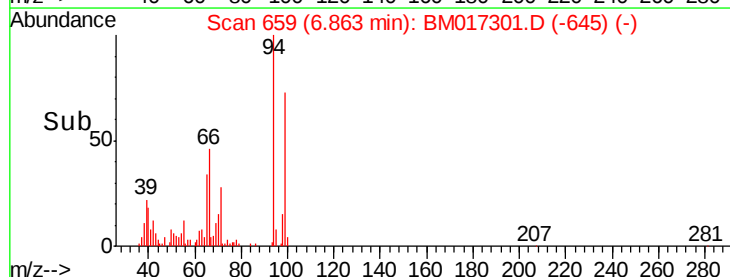
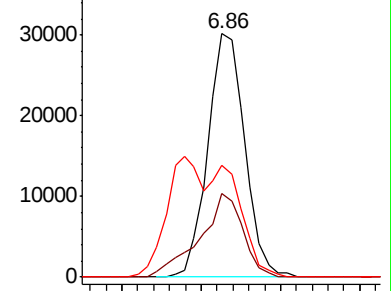
66 46.0 19.0 59.0

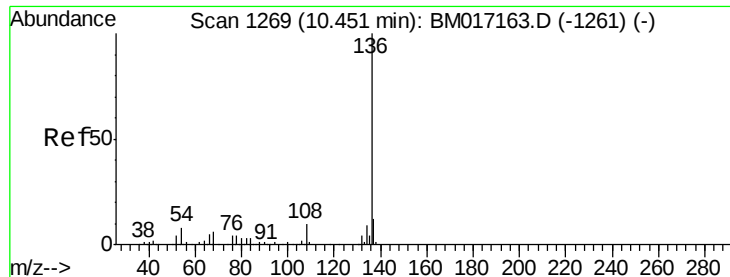


Abundance Ion 94.00 (93.70 to 94.70): BM017301.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017301.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017301.D (-645) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017301.D

Acq: 24 Oct 2018 01:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1102446

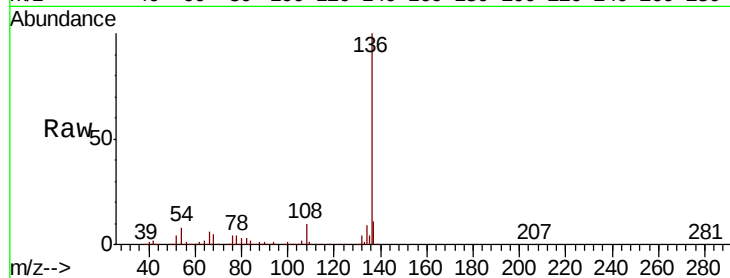
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.5 6.7 10.1

68 5.4 4.7 7.1

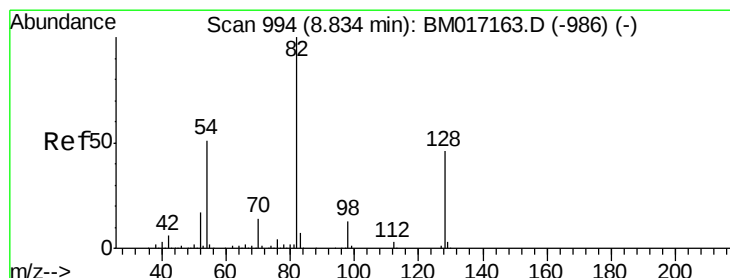
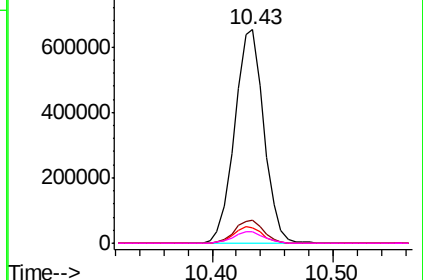
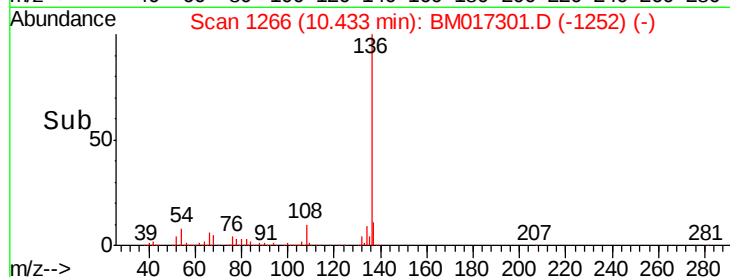


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.832 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM017301.D

Acq: 24 Oct 2018 01:07

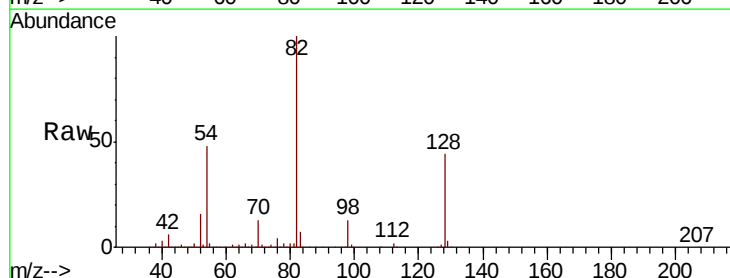
Tgt Ion: 82 Resp: 1919518

Ion Ratio Lower Upper

82 100

128 43.6 37.0 55.6

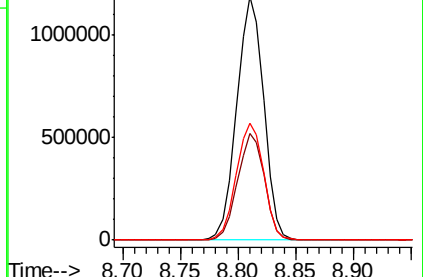
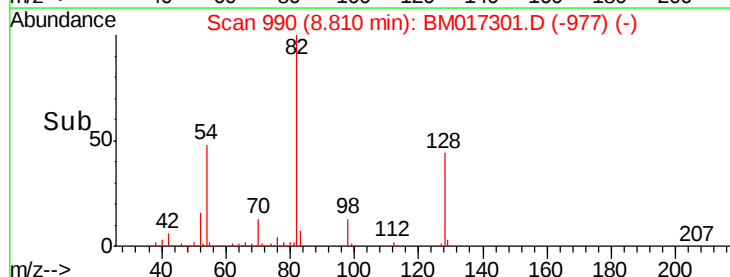
54 48.3 40.7 61.1

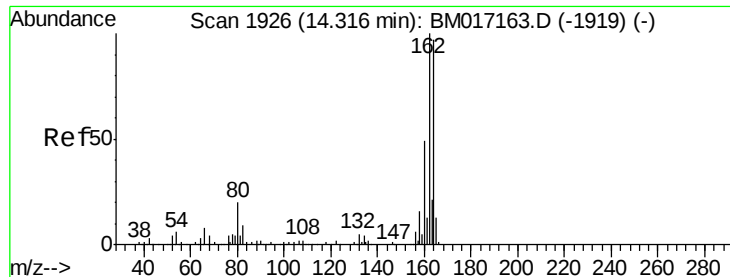


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM017301.D

Acq: 24 Oct 2018 01:07

Instrument :

BNA_M

ClientSampled :

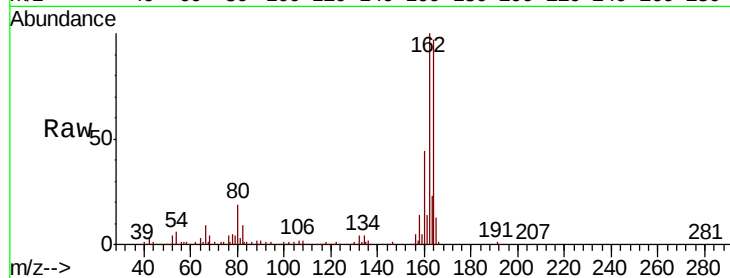
Tot Ion:164 Resp: 648594

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

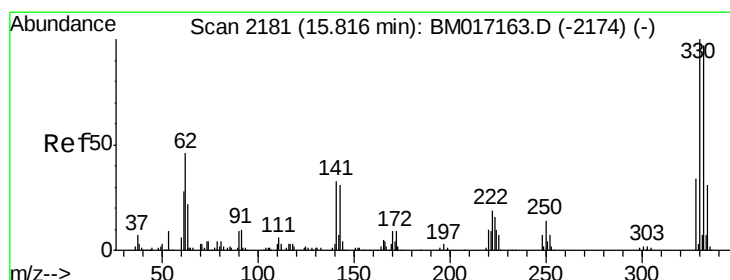
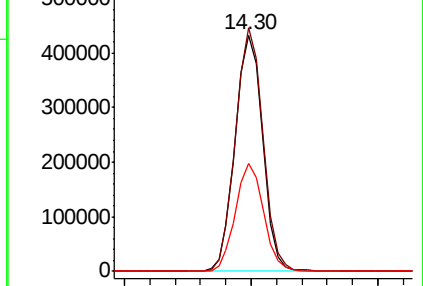
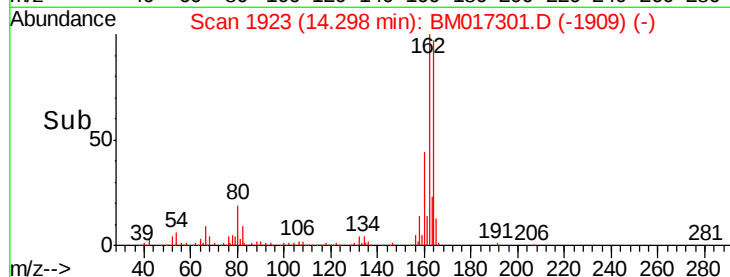
160 45.8 40.2 60.2



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: 102.125 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017301.D

Acq: 24 Oct 2018 01:07

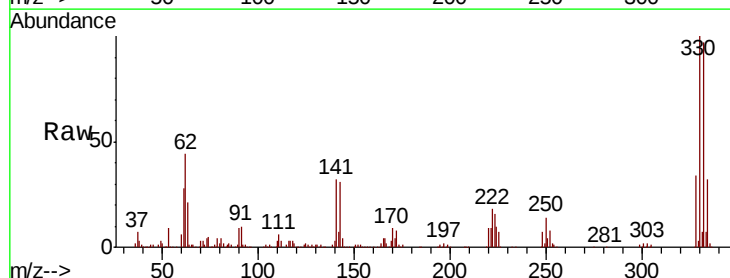
Tgt Ion:330 Resp: 895771

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

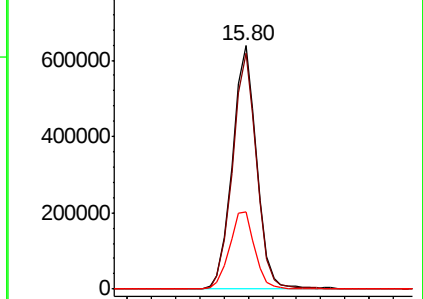
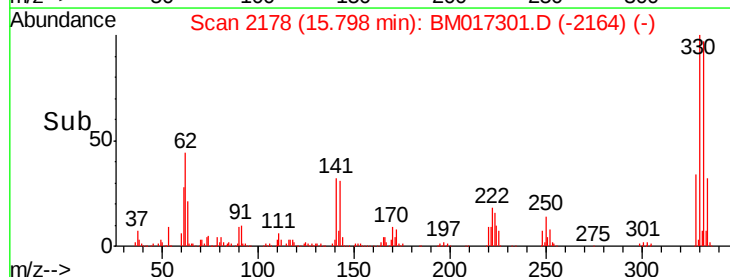
141 33.2 27.4 41.0

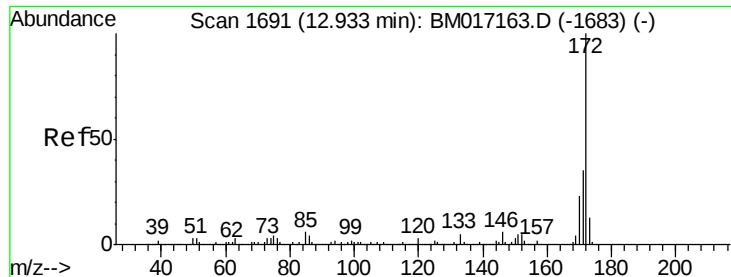


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

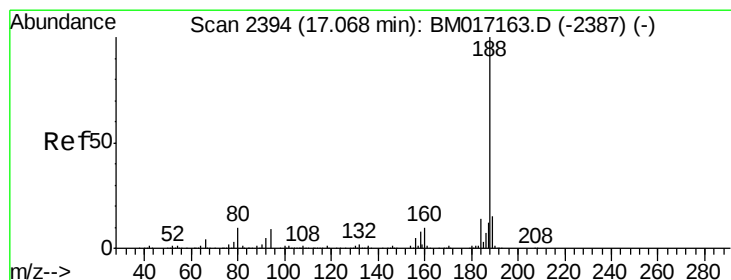
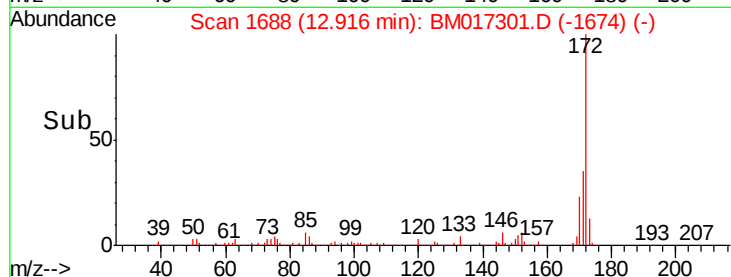
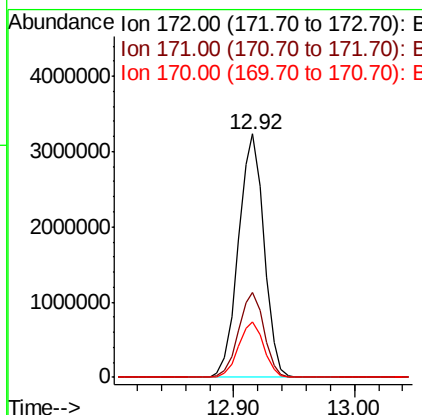
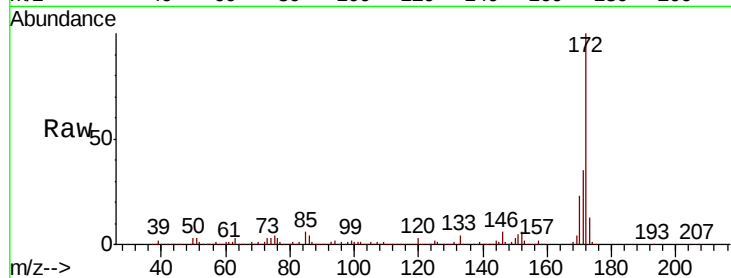




#45
2-Fluorobiphenyl
Concen: 97.977 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017301.D
Acq: 24 Oct 2018 01:07

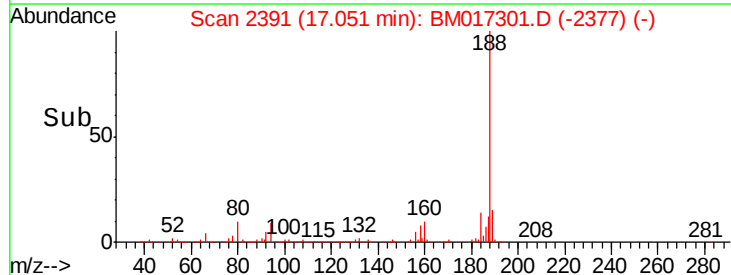
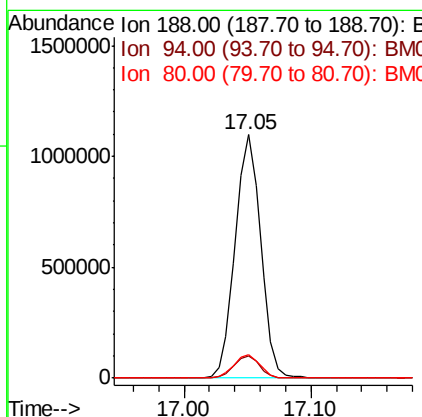
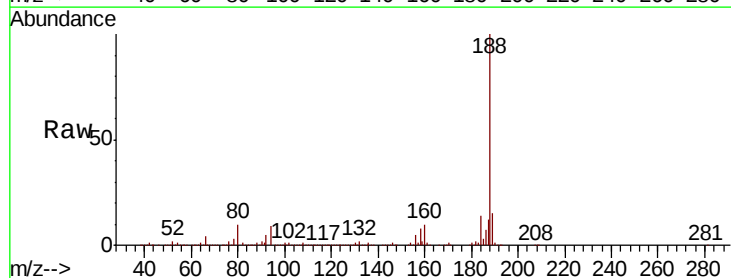
Instrument :
BNA_M
ClientSampleId :

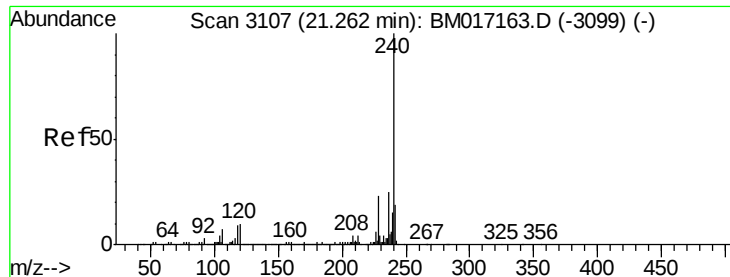
Tot Ion:172 Resp: 4776037
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.6 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017301.D
Acq: 24 Oct 2018 01:07

Tgt Ion:188 Resp: 1535020
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.7 11.5

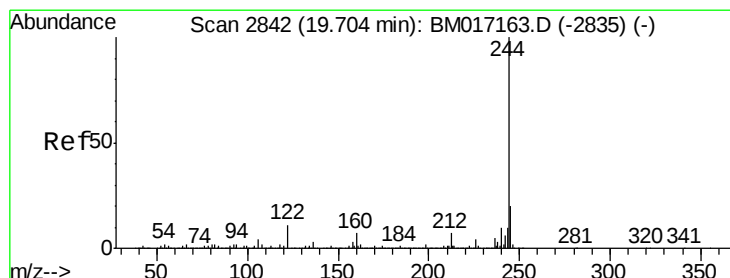
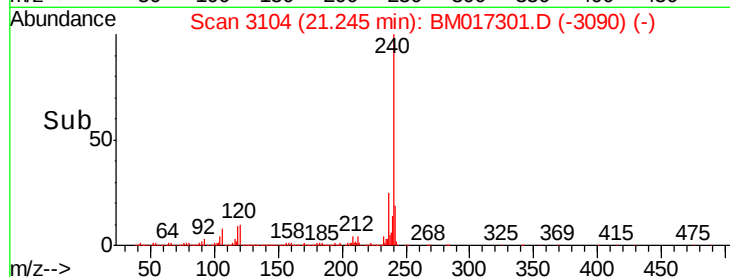
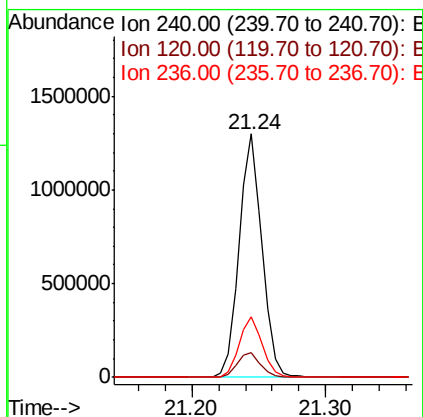
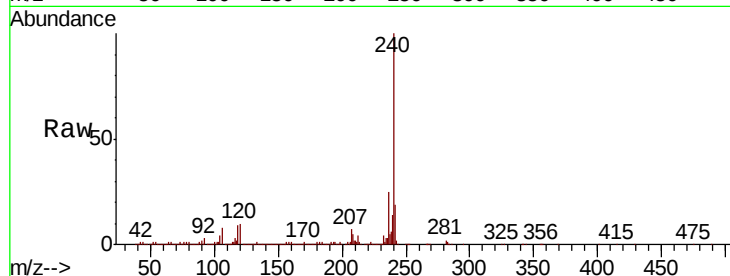




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BM017301.D
 Acq: 24 Oct 2018 01:07

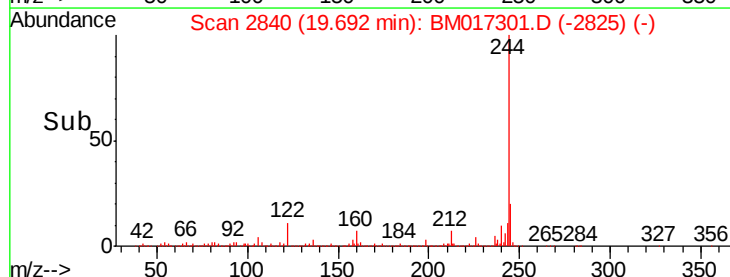
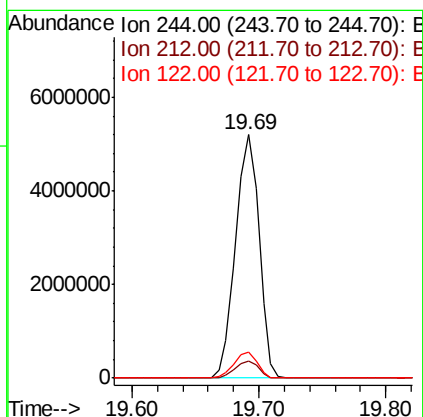
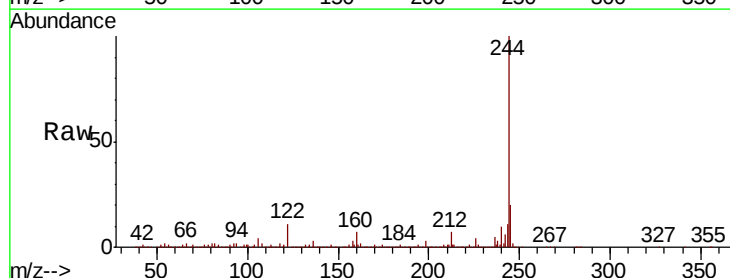
Instrument :
 BNA_M
 ClientSampleId :

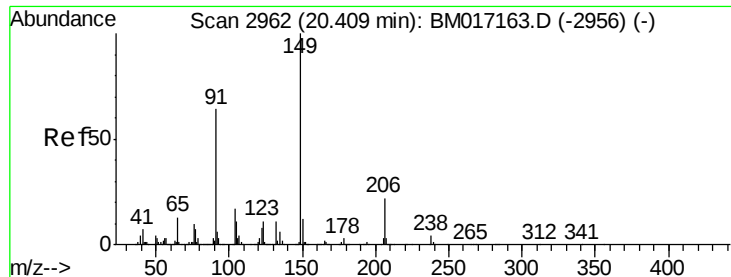
Tot Ion:240 Resp: 1538823
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 25.1 19.9 29.9



#79
 Terphenyl-d14
 Concen: 97.696 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017301.D
 Acq: 24 Oct 2018 01:07

Tgt Ion:244 Resp: 6669740
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.7 8.4 12.6

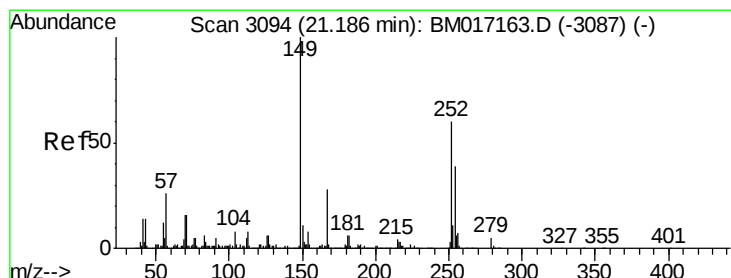
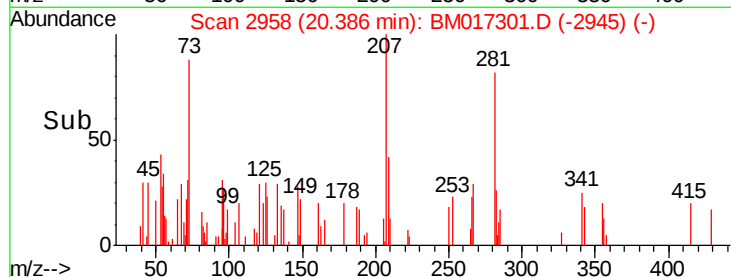
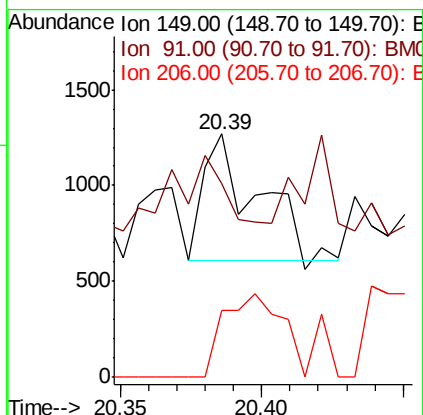
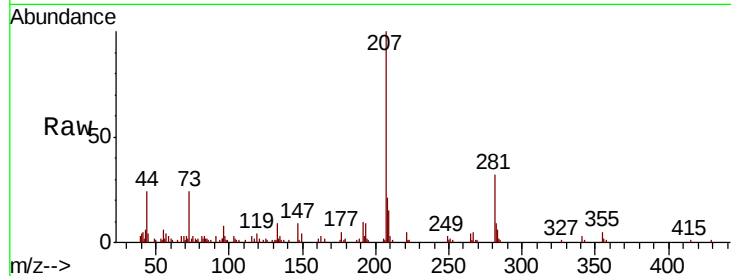




#80
 Butylbenzylphthalate
 Concen: 7.198 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. -0.02 min
 Lab File: BM017301.D
 Acq: 24 Oct 2018 01:07

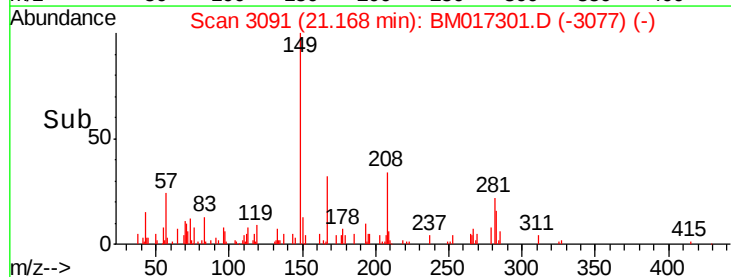
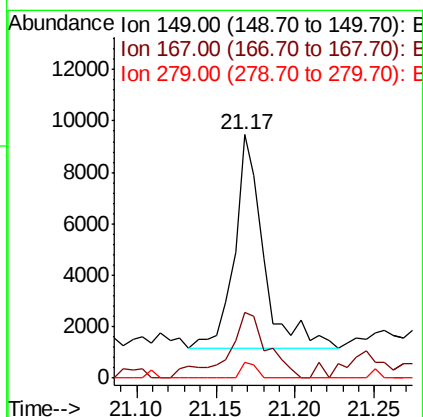
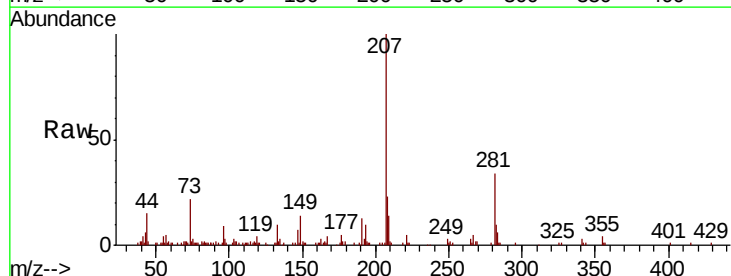
Instrument :
 BNA_M
 ClientSampleID :

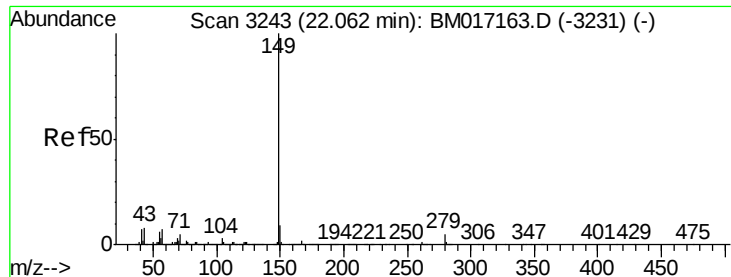
Tot Ion:149 Resp: 868
 Ion Ratio Lower Upper
 149 100
 91 79.4 51.3 76.9#
 206 27.7 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.495 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017301.D
 Acq: 24 Oct 2018 01:07

Tgt Ion:149 Resp: 10507
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 6.5 3.6 5.4#

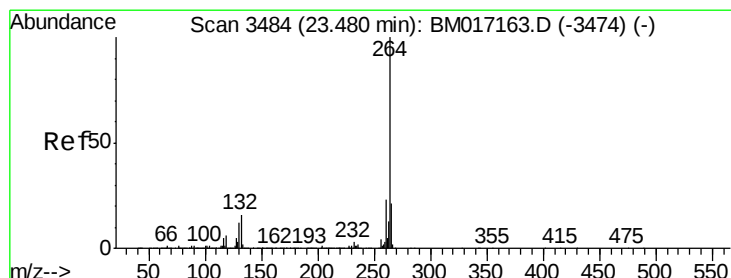
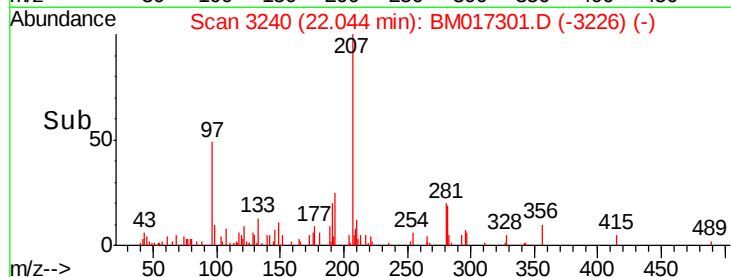
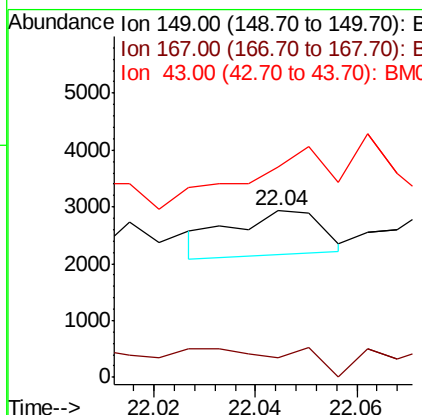
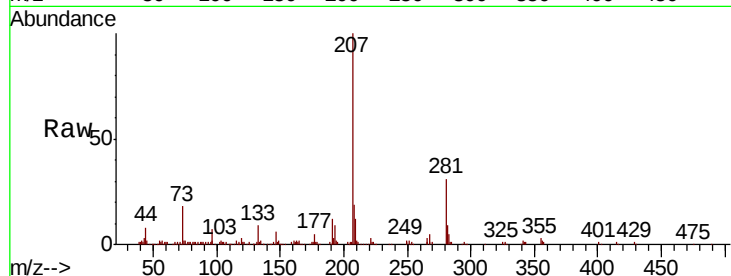




#85
Di-n-octyl phthalate
Concen: 5.581 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017301.D
Acq: 24 Oct 2018 01:07

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 939
Ion Ratio Lower Upper
149 100
167 85.4 1.4 2.0#
43 138.9 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: BM017301.D
Acq: 24 Oct 2018 01:07

Tgt Ion:264 Resp: 1289305
Ion Ratio Lower Upper
264 100
260 22.1 18.6 27.8
265 21.3 17.8 26.8

