

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018431.D
 Acq On : 28 Dec 2018 12:55
 Operator : JU/SJ
 Sample : J6572-03DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 28 13:31:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

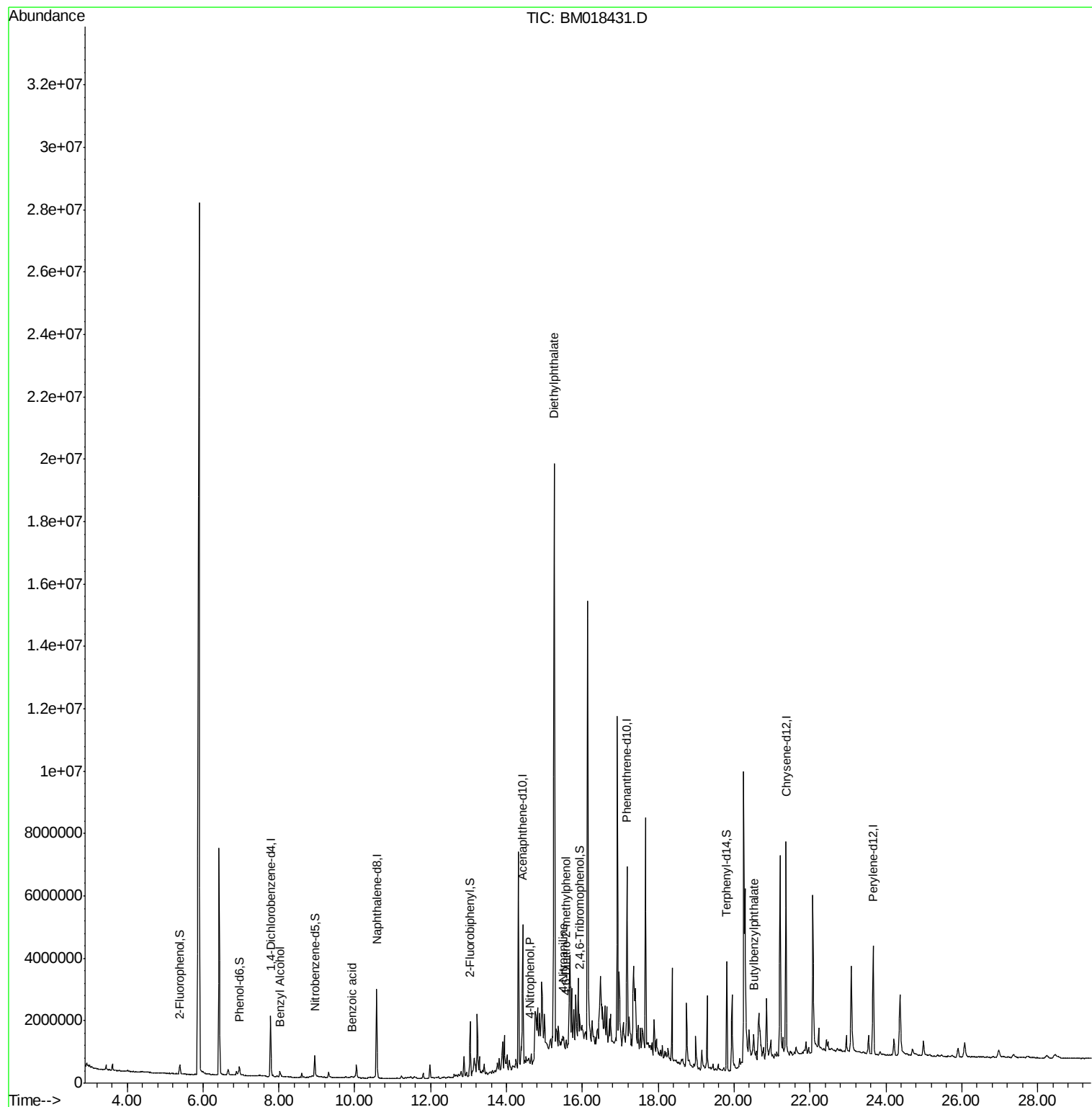
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	528849	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	2380045	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1374104	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	3062844	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2999175	20.00	ng	0.00
87) Perylene-d12	23.67	264	2485124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	176708	6.30	ng	0.04
7) Phenol-d6	6.96	99	156871	4.03	ng	0.02
23) Nitrobenzene-d5	8.95	82	363732	8.77	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	132410	7.58	ng	0.01
45) 2-Fluorobiphenyl	13.04	172	899154	8.86	ng	0.00
79) Terphenyl-d14	19.80	244	1452793	10.32	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.03	79	74886	2.477	ng	92
32) Benzoic acid	9.93	122	13856	4.159	ng	# 76
54) 2,4-Dinitrophenol	14.52	184	275	Below Cal	#	1
56) 4-Nitrophenol	14.62	139	806	5.699	ng	# 1
60) Diethylphthalate	15.26	149	8787907	73.187	ng	98
62) 4-Nitroaniline	15.48	138	64322	2.255	ng	# 27
65) 4,6-Dinitro-2-methylphenol	15.57	198	118	2.481	ng	# 1
80) Butylbenzylphthalate	20.51	149	5711	6.696	ng	# 42

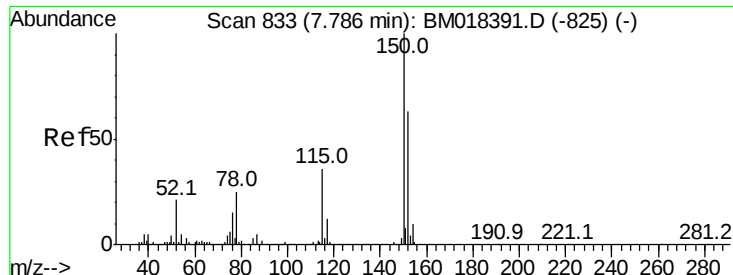
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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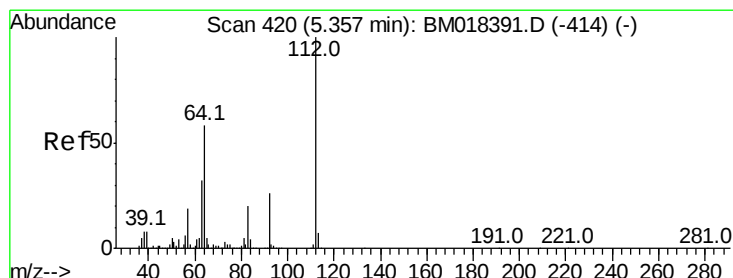
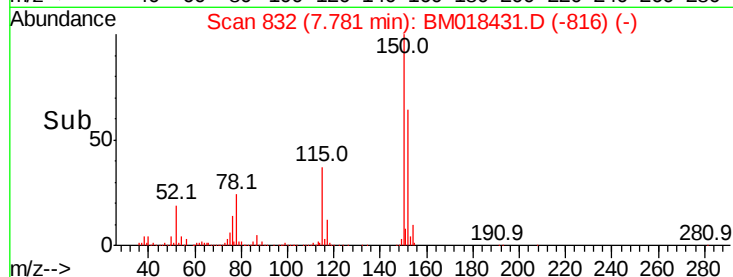
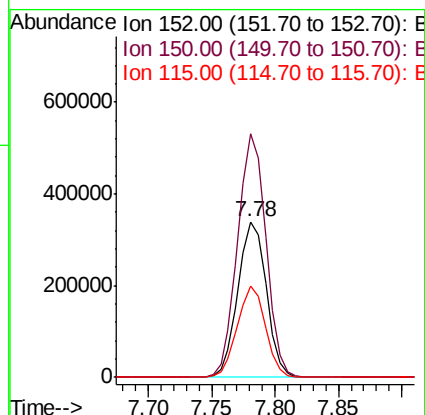
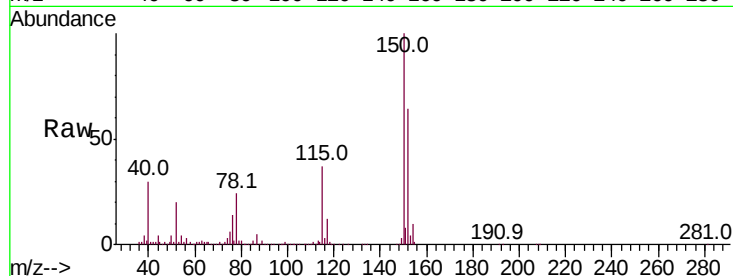


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :

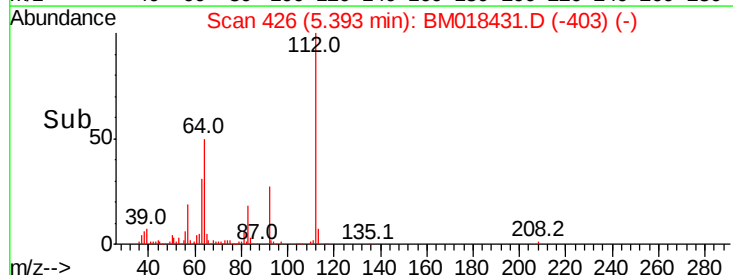
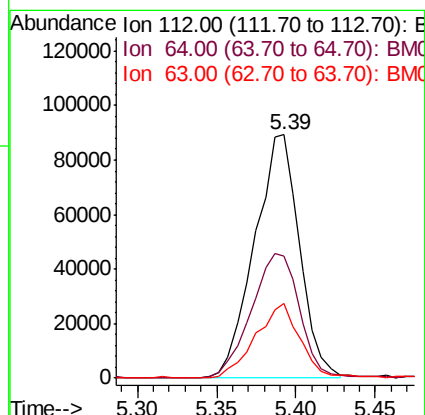
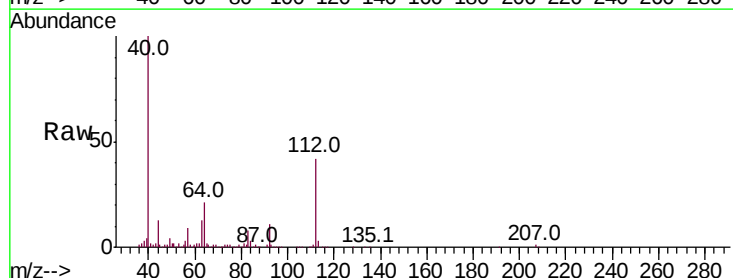
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.9	190.3
115	58.3	45.5	68.3

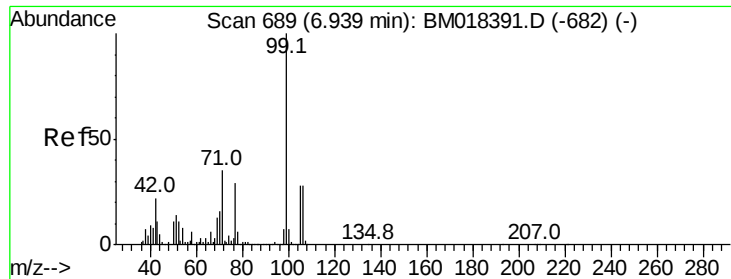


#5

2-Fluorophenol
Concen: 6.300 ng
RT: 5.39 min Scan# 426
Delta R.T. 0.04 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	46.5	69.7
63	30.8	25.2	37.8





#7

Phenol-d6

Concen: 4.028 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM018431.D

Acq: 28 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

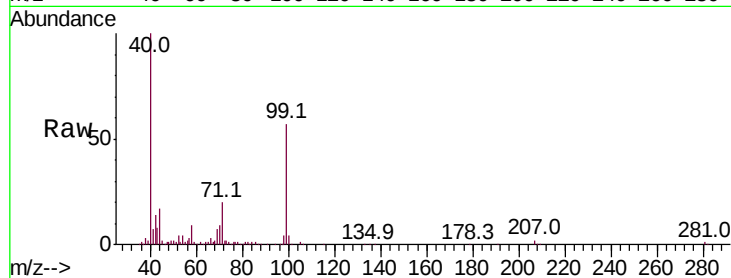
Tot Ion: 99 Resp: 156871

Ion Ratio Lower Upper

99 100

42 24.2 17.3 25.9

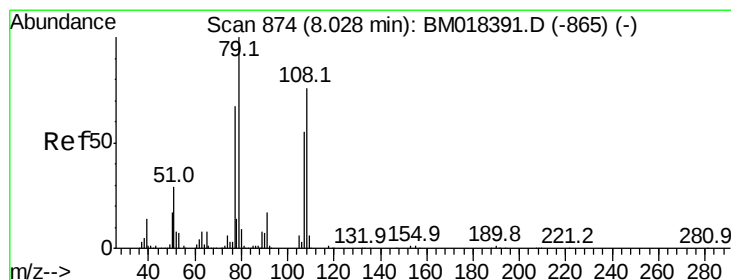
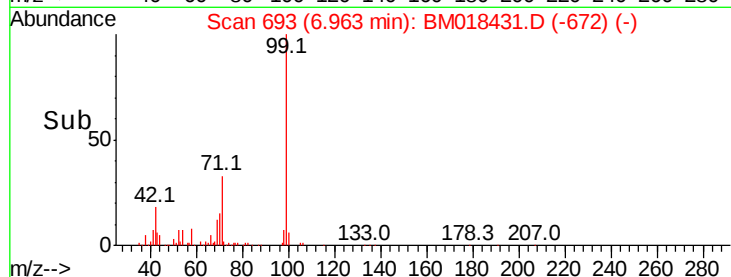
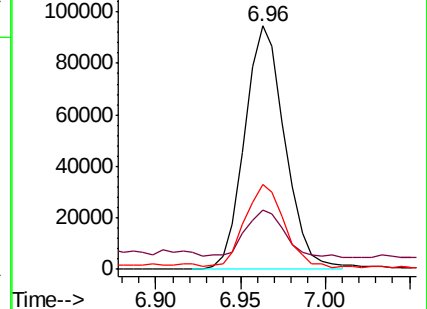
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018431.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018431.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018431.D (-682) (-)



#15

Benzyl Alcohol

Concen: 2.477 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018431.D

Acq: 28 Dec 2018 12:55

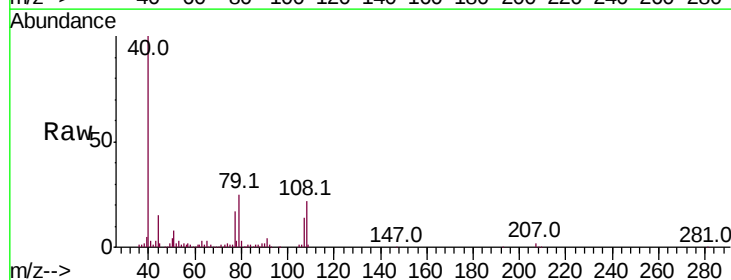
Tgt Ion: 79 Resp: 74886

Ion Ratio Lower Upper

79 100

108 87.5 60.4 90.6

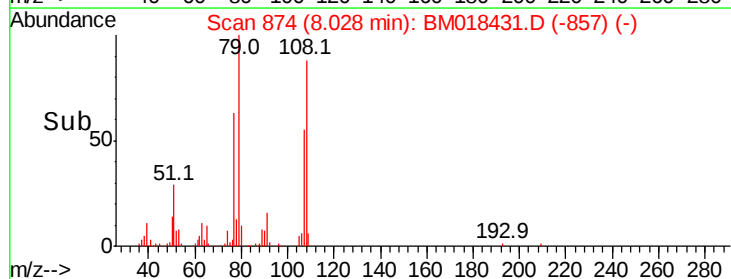
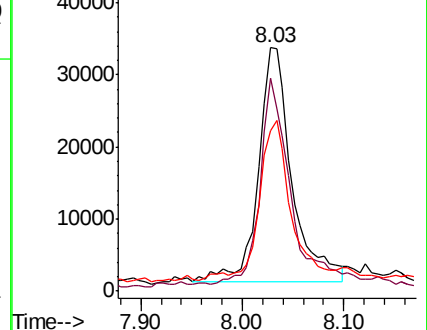
77 65.7 53.4 80.2

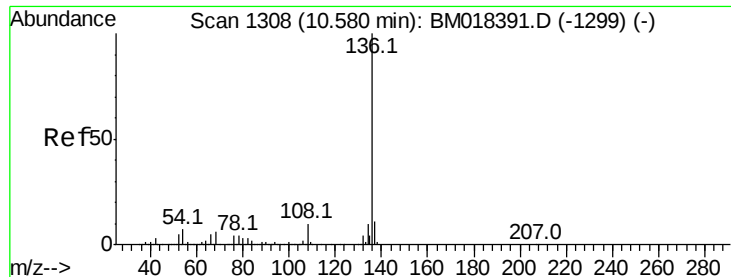


Abundance Ion 79.00 (78.70 to 79.70): BM018431.D (-865) (-)

Ion 108.00 (107.70 to 108.70): BM018431.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018431.D (-865) (-)

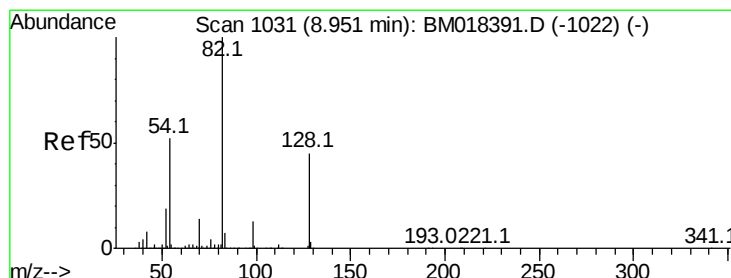
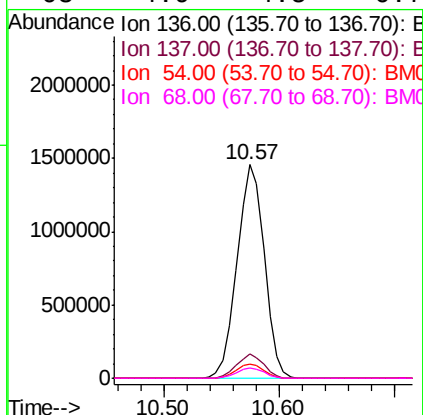
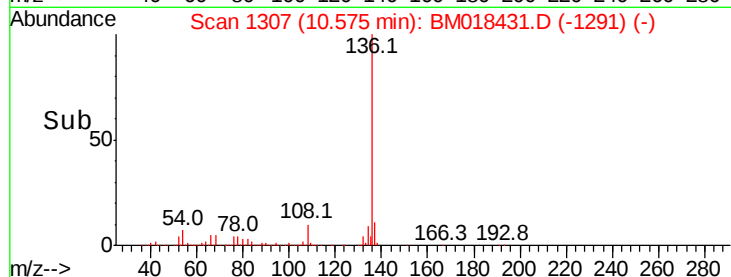
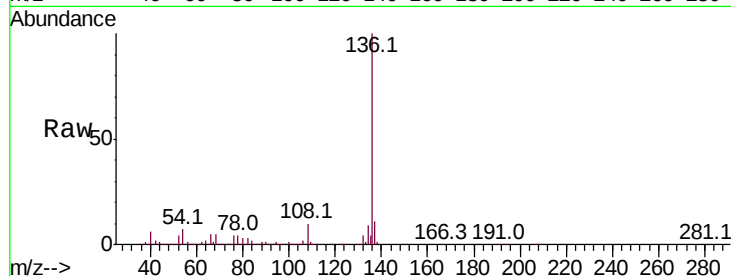




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

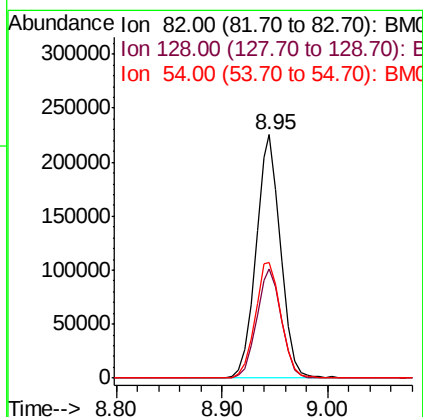
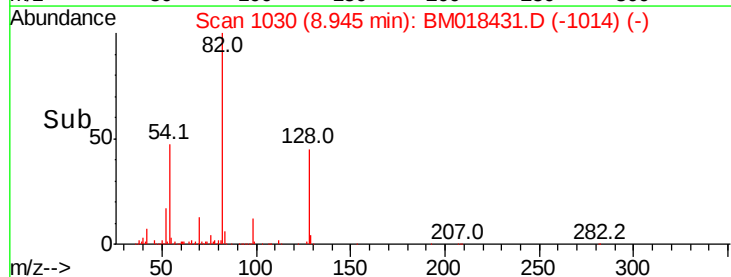
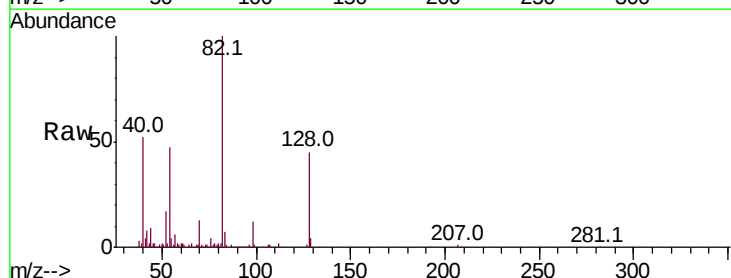
Instrument :
BNA_M
ClientSampled :

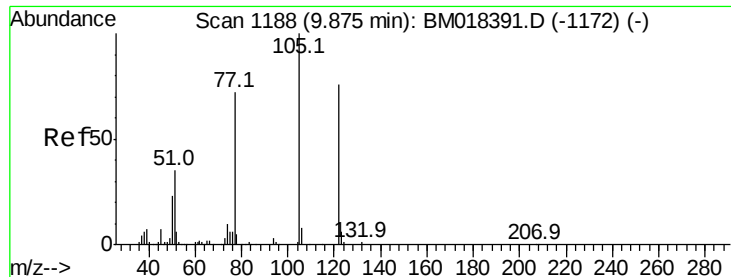
Tot Ion:136 Resp: 2380045
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.7 6.0 9.0
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 8.771 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Tgt Ion: 82 Resp: 363732
Ion Ratio Lower Upper
82 100
128 45.0 36.3 54.5
54 47.3 41.7 62.5

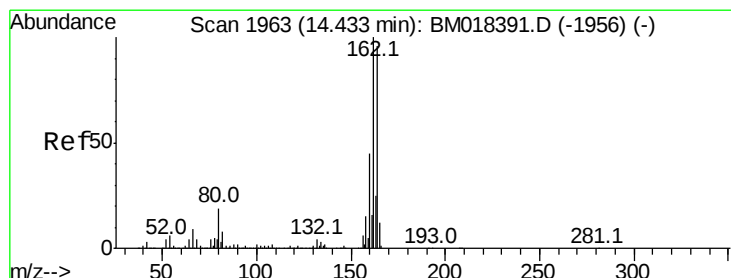
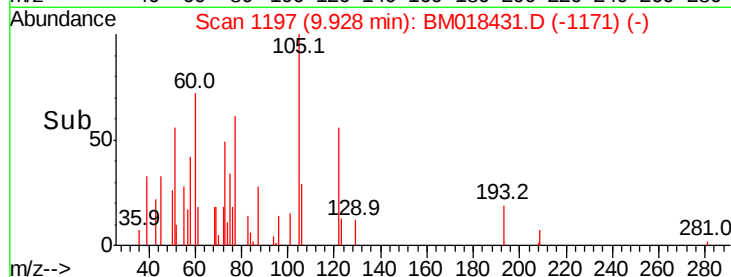
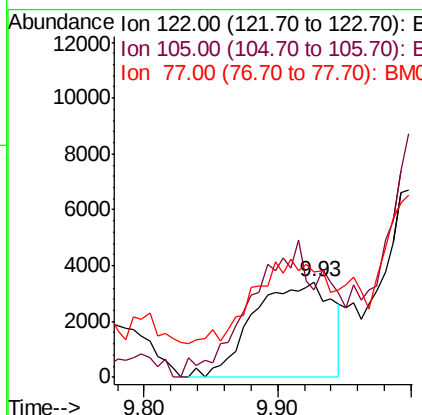
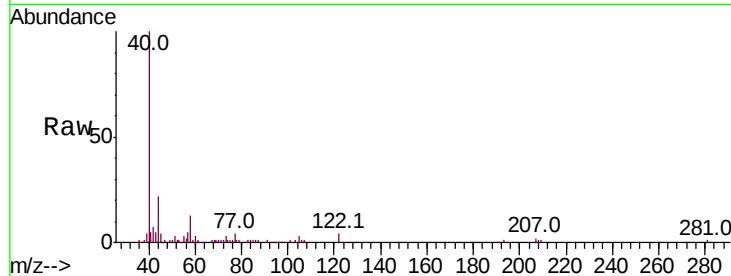




#32
Benzoic acid
Concen: 4.159 ng
RT: 9.93 min Scan# 1197
Delta R.T. 0.05 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

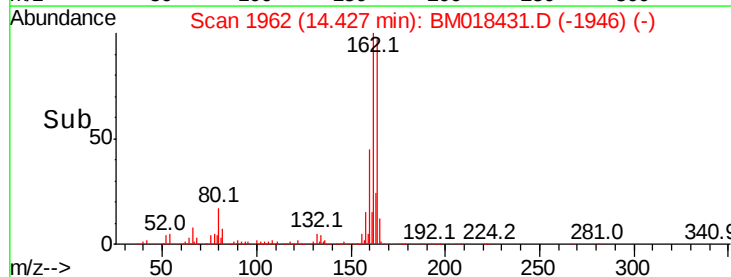
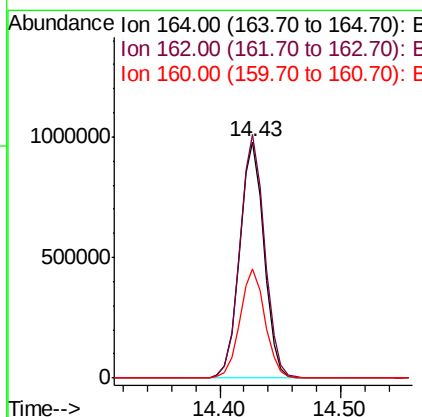
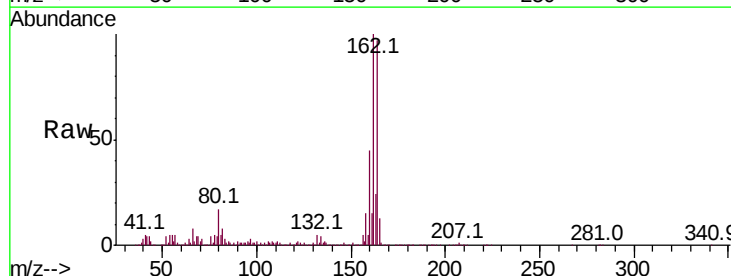
Instrument :
BNA_M
ClientSampled :

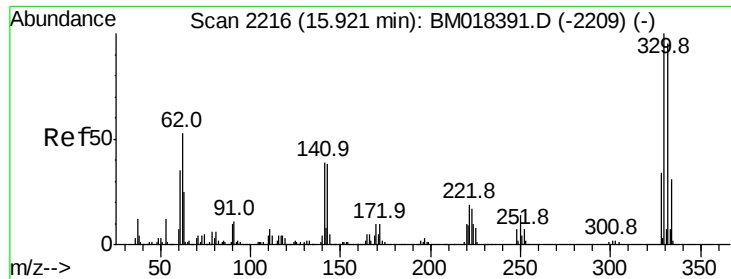
Tot Ion:122 Resp: 13856
Ion Ratio Lower Upper
122 100
105 91.0 100.4 140.4#
77 110.5 71.7 111.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Tgt Ion:164 Resp: 1374104
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 46.2 37.1 55.7

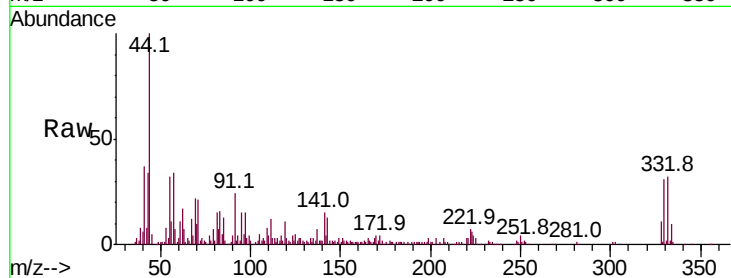




#42
 2,4,6-Tribromophenol
 Concen: 7.584 ng
 RT: 15.93 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BM018431.D
 Acq: 28 Dec 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	32.8	31.7	47.5

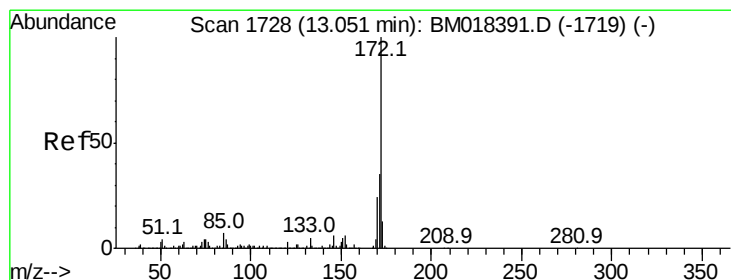
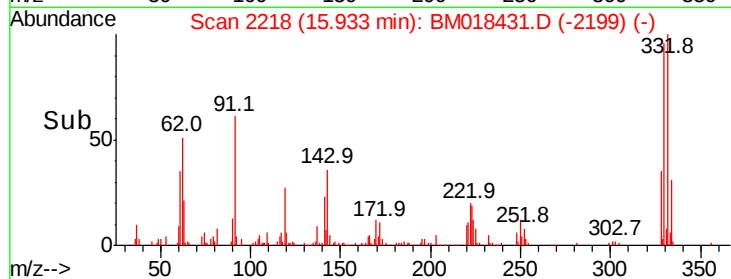
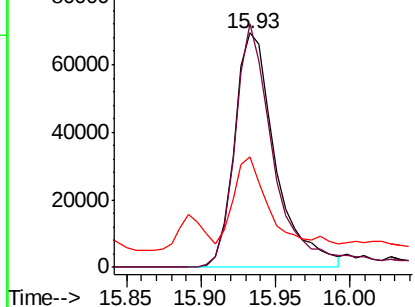


Abundance

Ion 329.80 (329.50 to 330.50): E

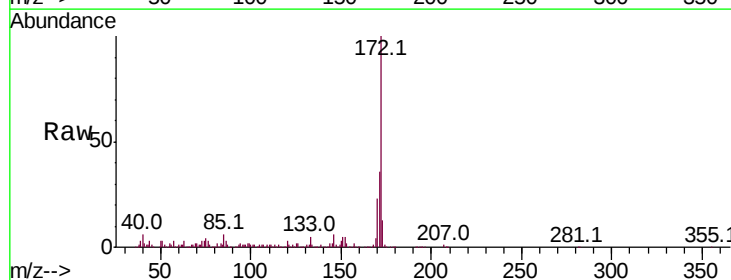
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 8.863 ng
 RT: 13.04 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018431.D
 Acq: 28 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	23.2	18.9	28.3

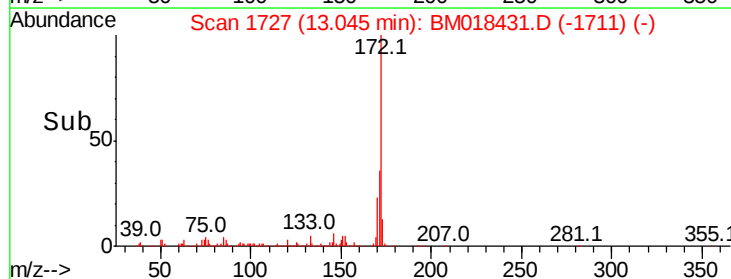
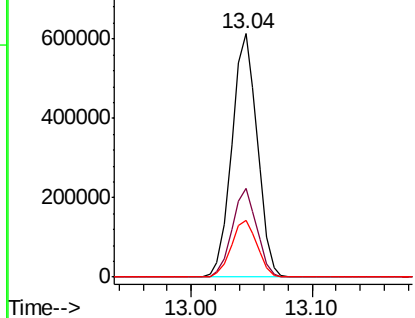


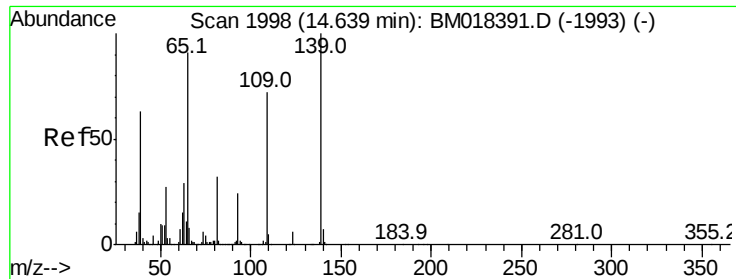
Abundance

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

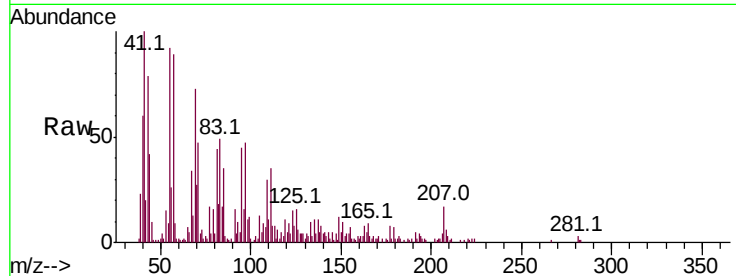




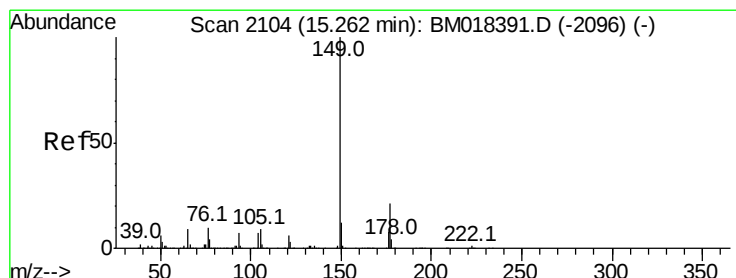
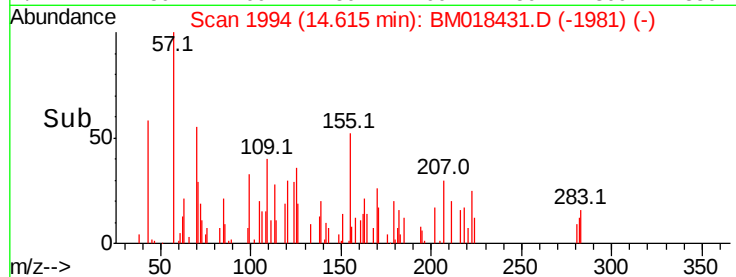
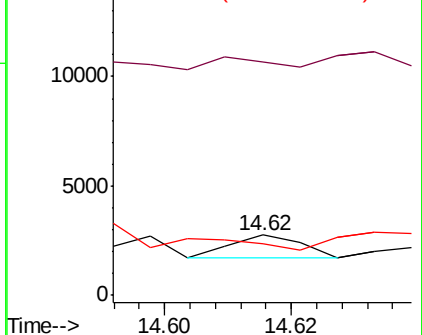
#56
4-Nitrophenol
Concen: 5.699 ng
RT: 14.62 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 806
Ion Ratio Lower Upper
139 100
109 388.5 51.7 91.7#
65 86.6 71.4 111.4

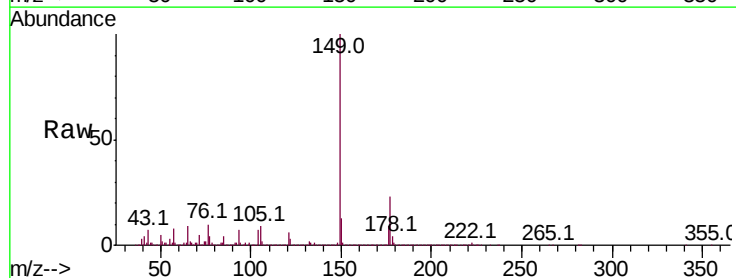


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

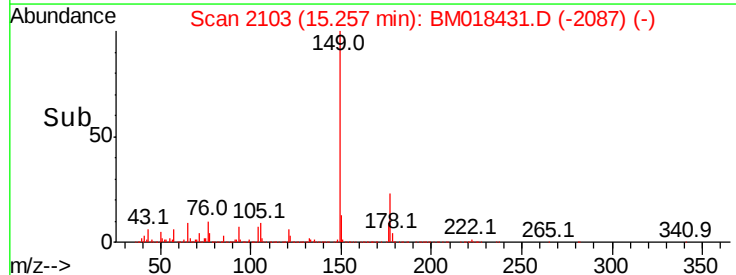
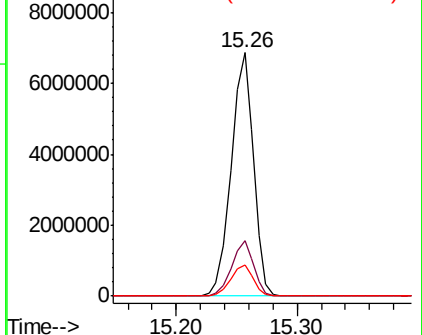


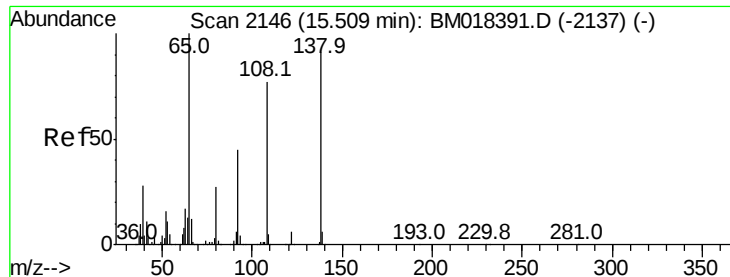
#60
Diethylphthalate
Concen: 73.187 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Tgt Ion:149 Resp: 8787907
Ion Ratio Lower Upper
149 100
177 22.7 17.1 25.7
150 12.9 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 2.255 ng

RT: 15.48 min Scan# 2141

Delta R.T. -0.03 min

Lab File: BM018431.D

Acq: 28 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

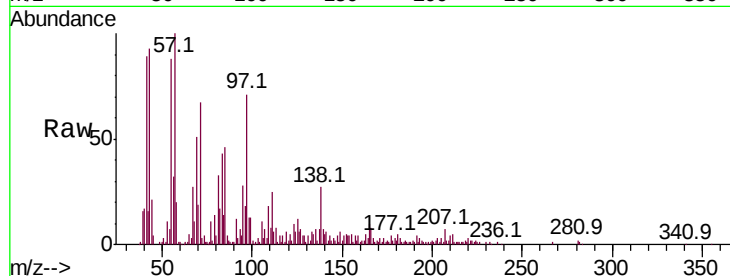
Tot Ion:138 Resp: 64322

Ion Ratio Lower Upper

138 100

92 9.9 29.0 69.0#

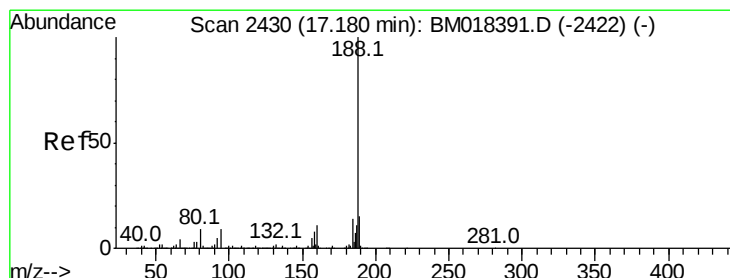
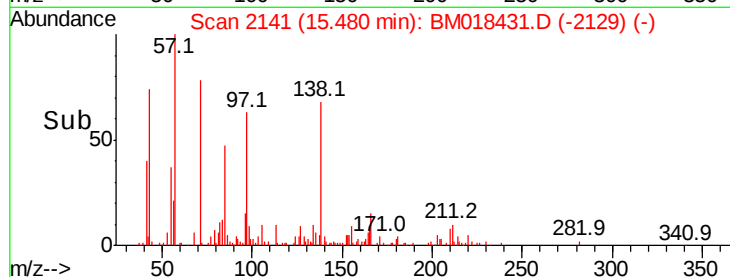
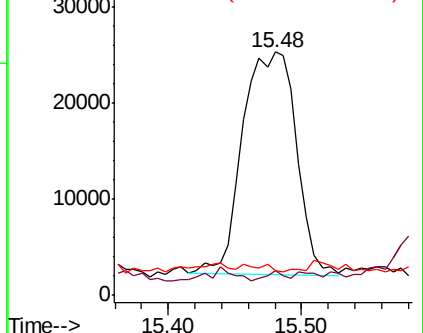
108 9.9 63.9 103.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BM018431.D

Acq: 28 Dec 2018 12:55

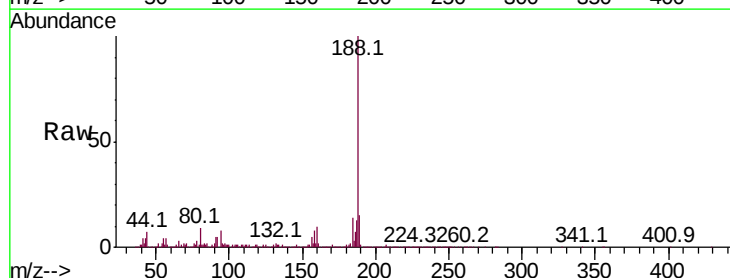
Tgt Ion:188 Resp: 3062844

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

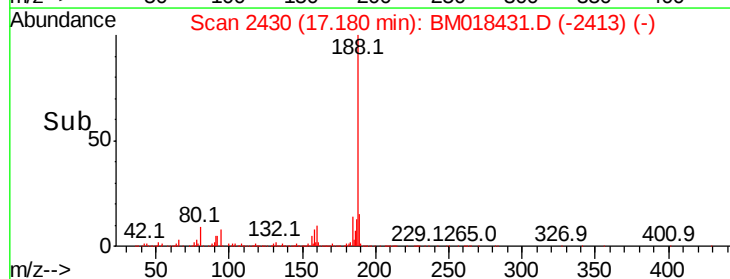
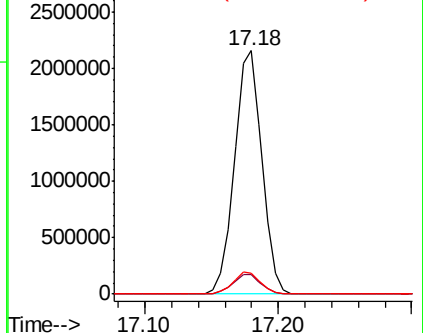
80 8.8 7.6 11.4

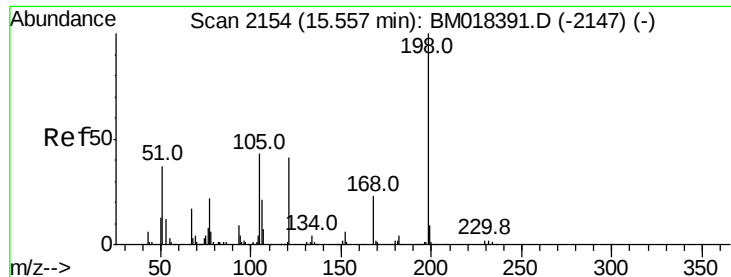


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

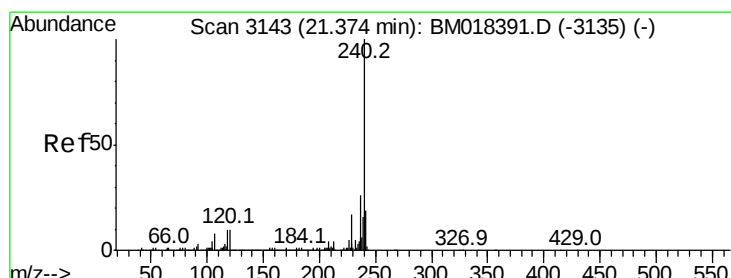
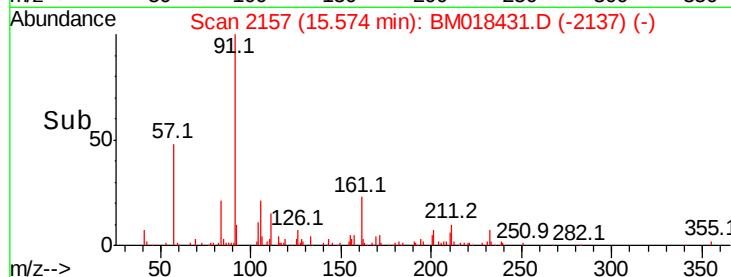
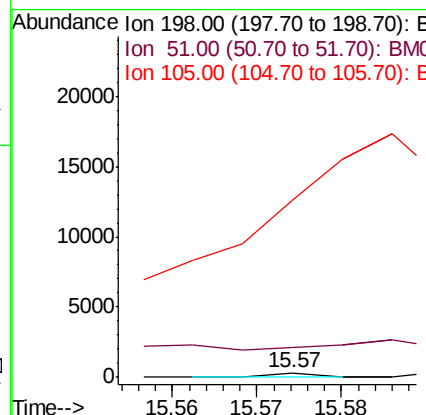
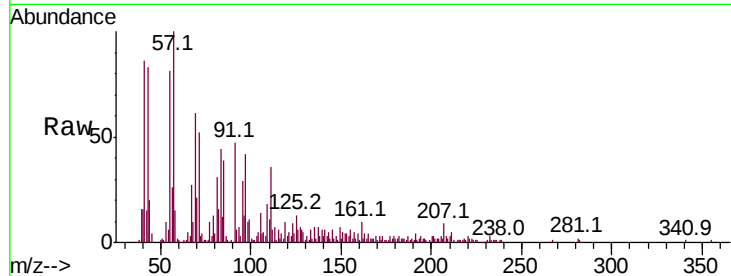




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.481 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. 0.02 min
 Lab File: BM018431.D
 Acq: 28 Dec 2018 12:55

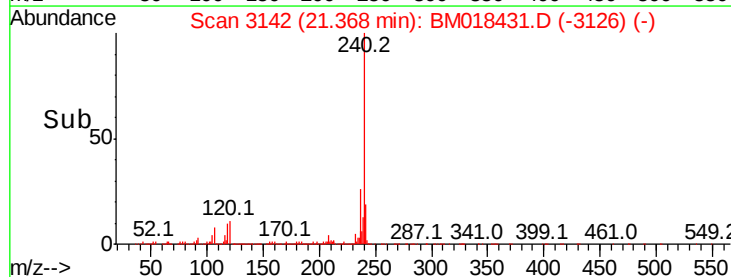
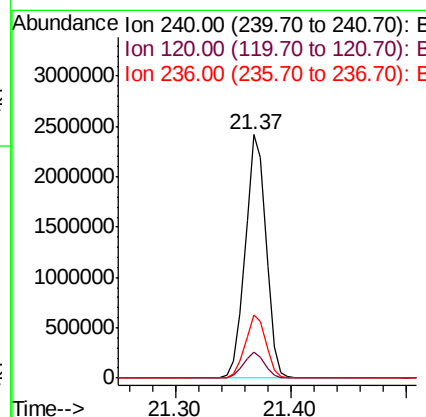
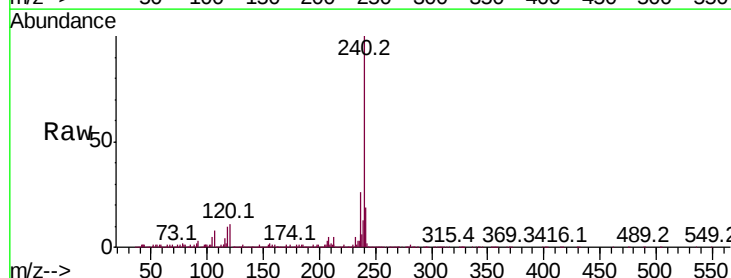
Instrument :
 BNA_M
 ClientSampleId :

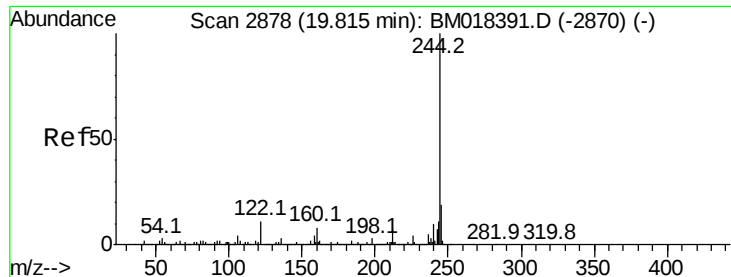
Tot Ion:198 Resp: 118
 Ion Ratio Lower Upper
 198 100
 51 645.1 29.6 69.6#
 105 3749.9 25.5 65.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BM018431.D
 Acq: 28 Dec 2018 12:55

Tgt Ion:240 Resp: 2999175
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.4 12.6
 236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 10.322 ng

RT: 19.80 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BM018431.D

Acq: 28 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

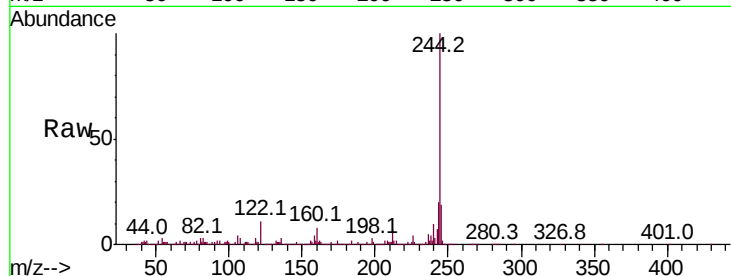
Tot Ion:244 Resp: 1452793

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

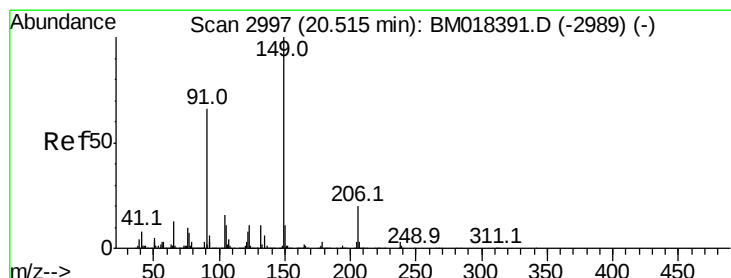
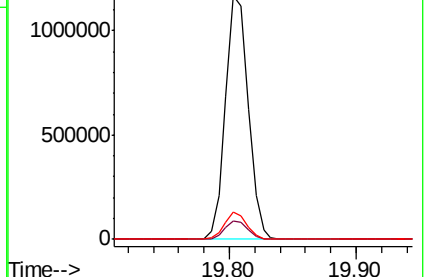
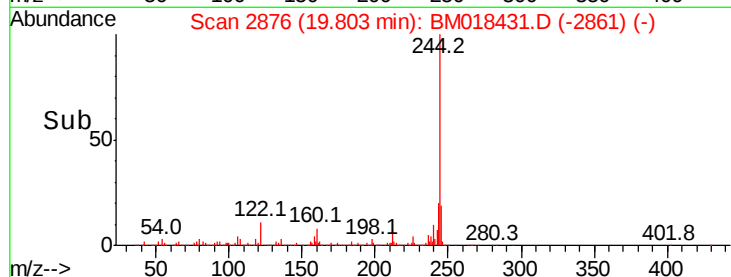
122 11.1 9.0 13.4



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: 6.696 ng

RT: 20.51 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BM018431.D

Acq: 28 Dec 2018 12:55

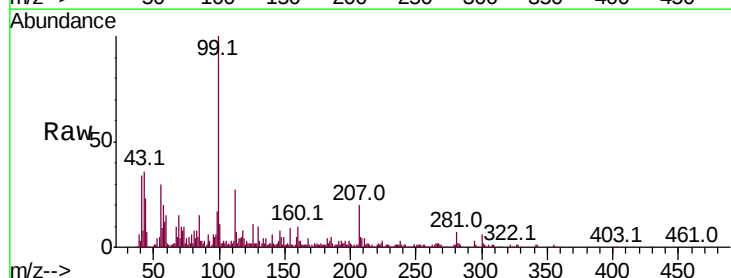
Tgt Ion:149 Resp: 5711

Ion Ratio Lower Upper

149 100

91 127.0 53.1 79.7#

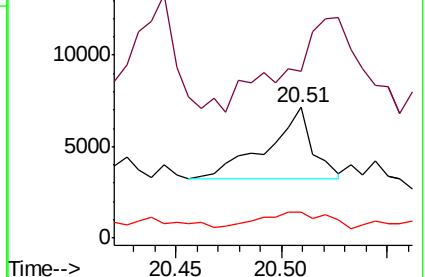
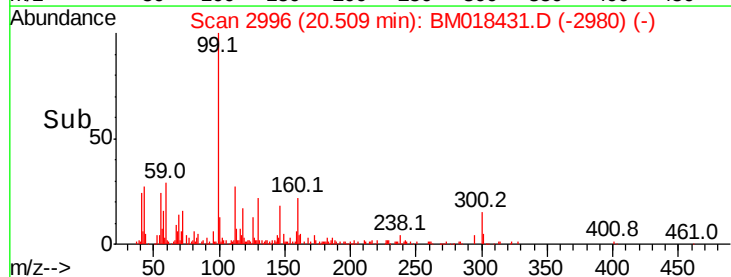
206 20.3 16.2 24.4

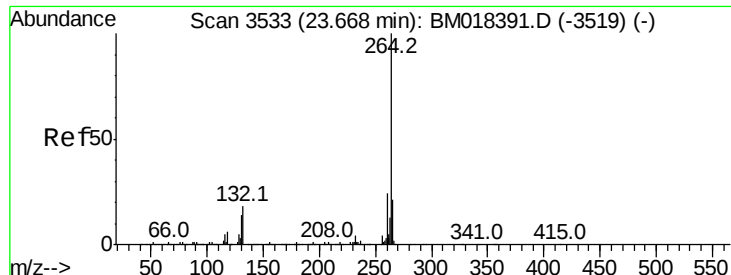


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM018431.D
Acq: 28 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 2485124

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.4	16.8	25.2

