

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018386.D
 Acq On : 22 Dec 2018 16:47
 Operator : JU/SJ
 Sample : J6503-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 05:54:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

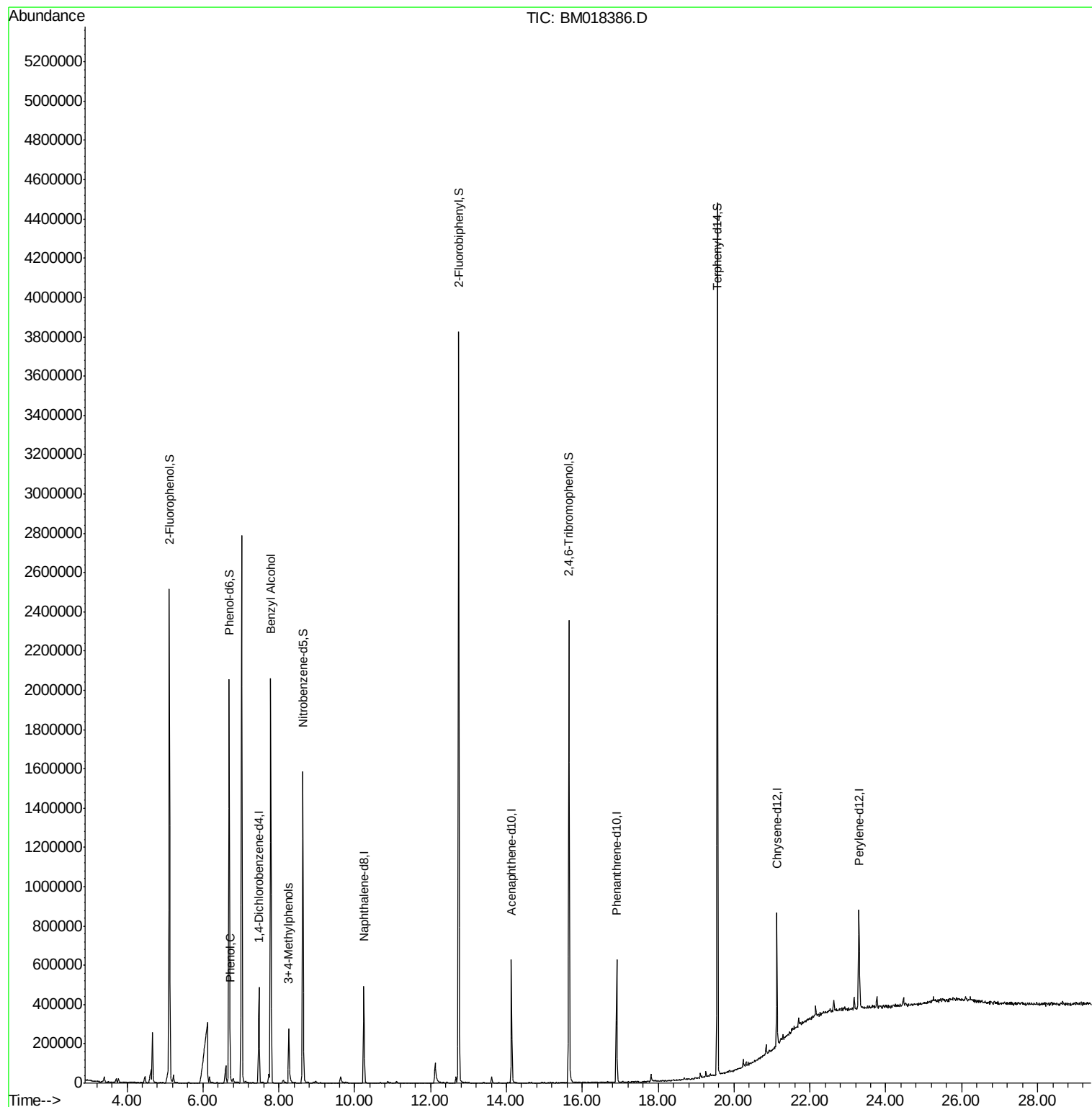
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	99923	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	374532	20.00	ng	-0.03
39) Acenaphthene-d10	14.13	164	195163	20.00	ng	-0.03
64) Phenanthrene-d10	16.90	188	353966	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	320359	20.00	ng	-0.02
87) Perylene-d12	23.29	264	361412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	895175	149.65	ng	-0.01
7) Phenol-d6	6.69	99	1055473	126.95	ng	-0.01
23) Nitrobenzene-d5	8.63	82	933492	127.85	ng	-0.03
42) 2,4,6-Tribromophenol	15.65	330	387034	135.12	ng	-0.02
45) 2-Fluorobiphenyl	12.74	172	1784322	118.42	ng	-0.03
79) Terphenyl-d14	19.56	244	1927906	136.11	ng	-0.02
Target Compounds						
10) Phenol	6.72	94	18010	2.045	ng	Qvalue 81
15) Benzyl Alcohol	7.79	79	16933	2.499	ng	# 45
20) 3+4-Methylphenols	8.26	107	133068	16.153	ng	91

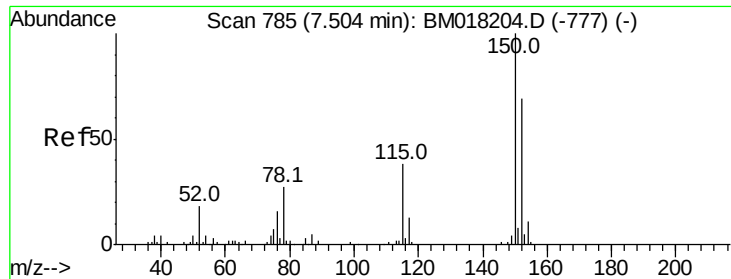
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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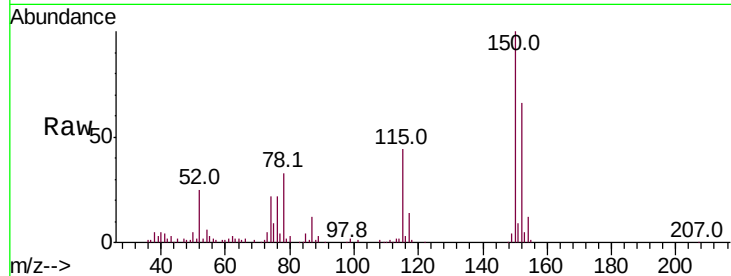


#1

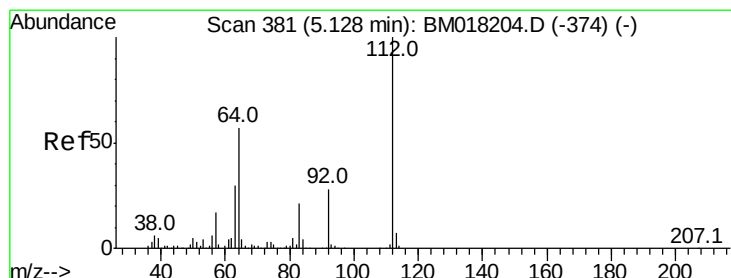
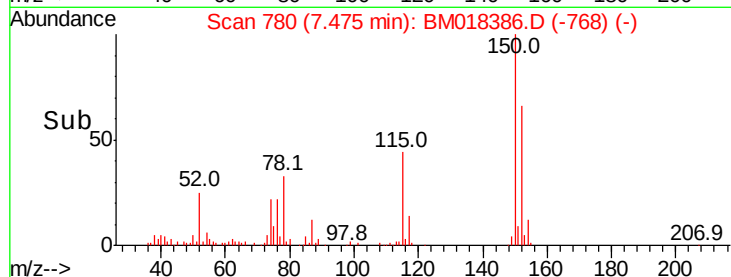
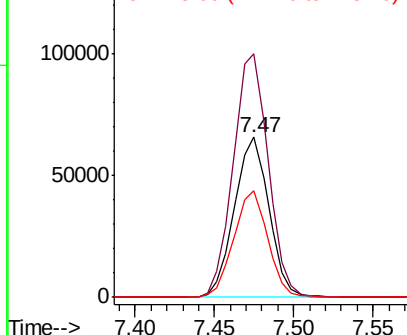
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.03 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	116.1	174.1
115	66.3	44.6	67.0



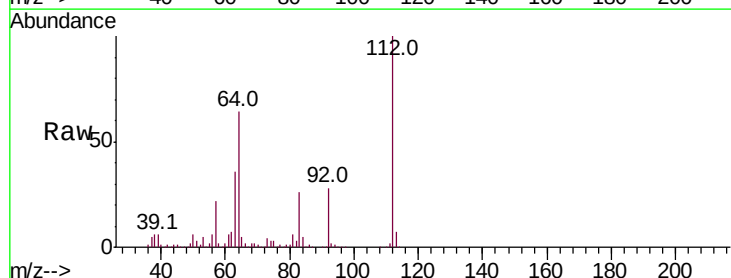
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



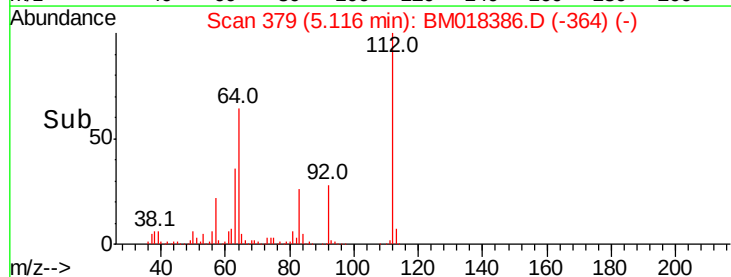
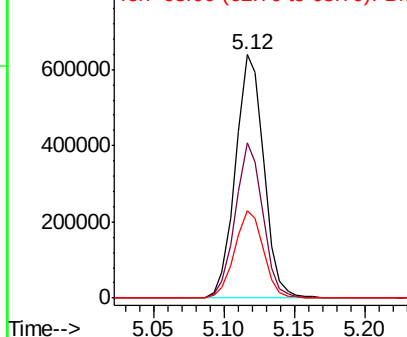
#5

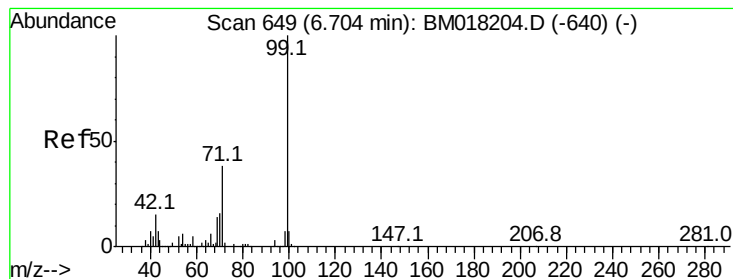
2-Fluorophenol
Concen: 149.653 ng
RT: 5.12 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	45.4	68.2
63	35.9	24.0	36.0



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: 126.950 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Instrument :

BNA_M

ClientSampled :

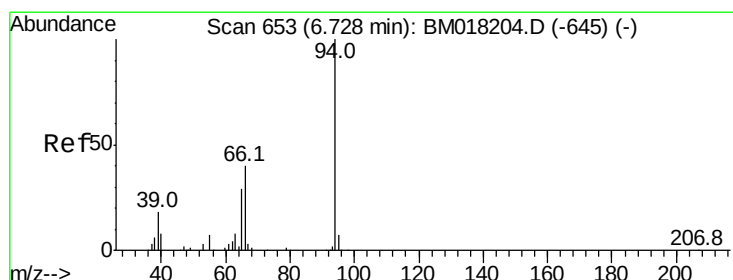
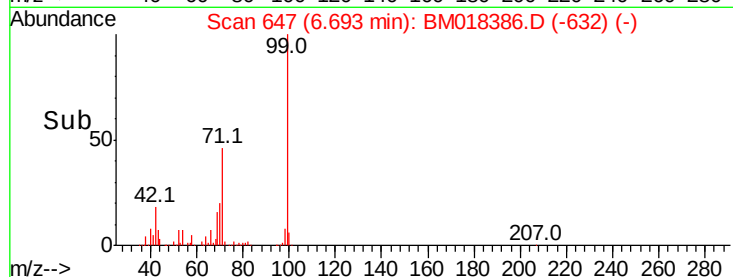
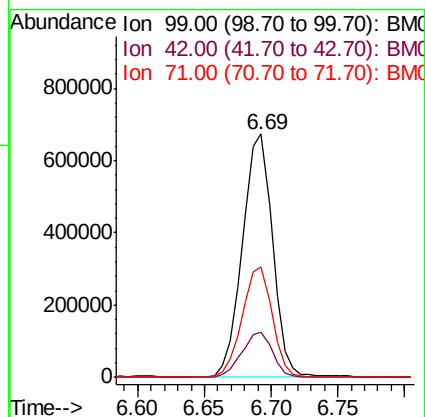
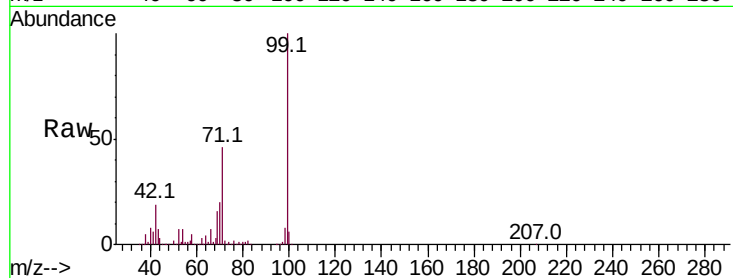
Tot Ion: 99 Resp: 1055473

Ion Ratio Lower Upper

99 100

42 18.7 12.3 18.5#

71 45.6 30.2 45.2#



#10

Phenol

Concen: 2.045 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

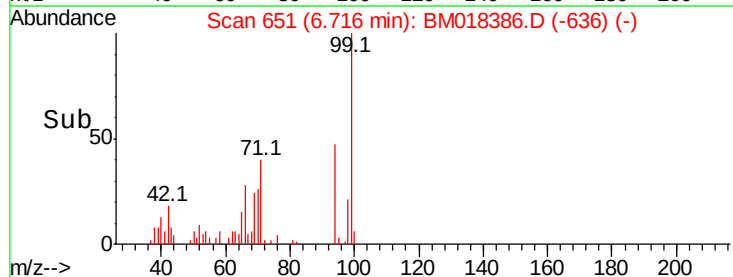
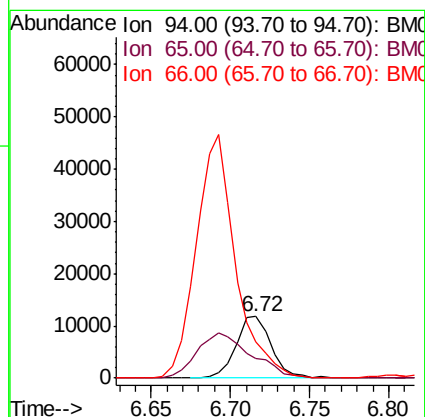
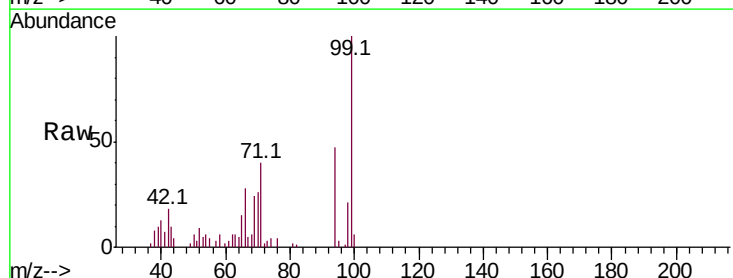
Tgt Ion: 94 Resp: 18010

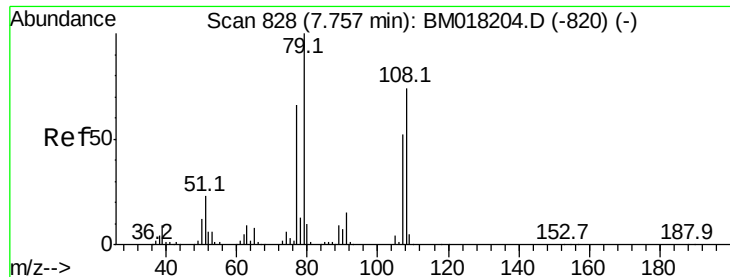
Ion Ratio Lower Upper

94 100

65 32.2 9.5 49.5

66 59.0 21.3 61.3





#15

Benzyl Alcohol

Concen: 2.499 ng

RT: 7.79 min Scan# 833

Delta R.T. 0.03 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Instrument :

BNA_M

ClientSampleId :

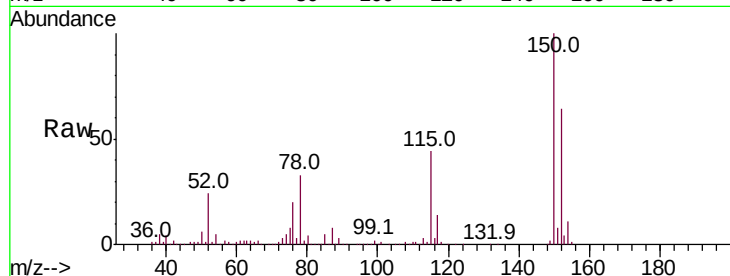
Tot Ion: 79 Resp: 16933

Ion Ratio Lower Upper

79 100

108 40.0 59.3 88.9#

77 122.7 53.0 79.4#

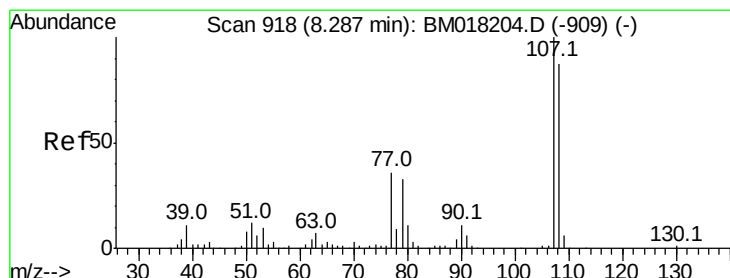
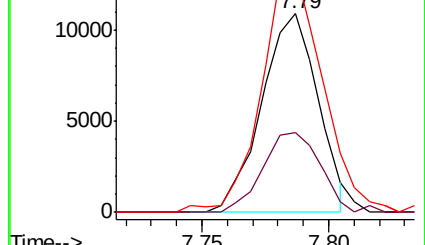
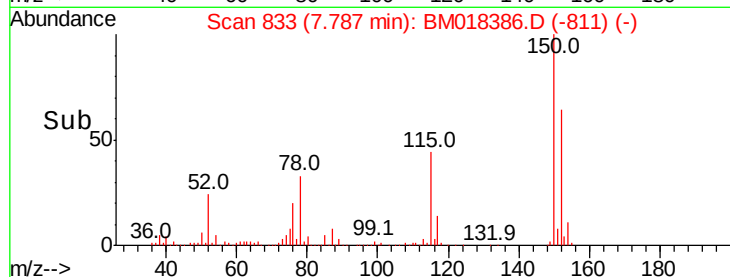


Abundance Ion 79.00 (78.70 to 79.70): BM018386.D (-811) (-)

Ion 108.00 (107.70 to 108.70): BM018386.D (-811) (-)

Ion 77.00 (76.70 to 77.70): BM018386.D (-811) (-)

Time-->



#20

3+4-Methylphenols

Concen: 16.153 ng

RT: 8.26 min Scan# 914

Delta R.T. -0.02 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Tgt Ion: 107 Resp: 133068

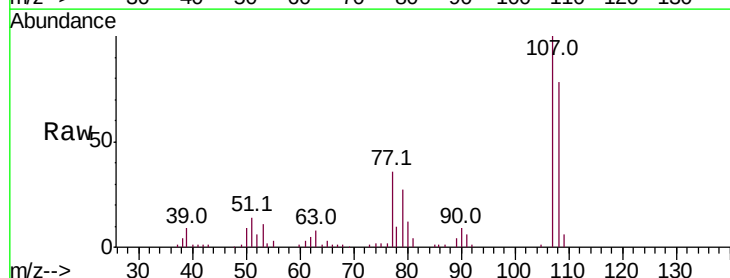
Ion Ratio Lower Upper

107 100

108 77.8 67.4 107.4

77 36.3 15.7 55.7

79 26.7 13.3 53.3



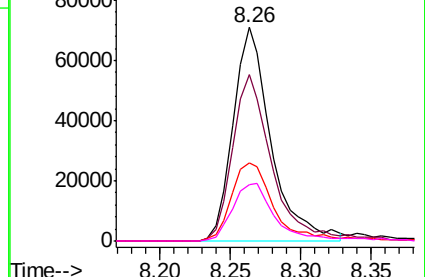
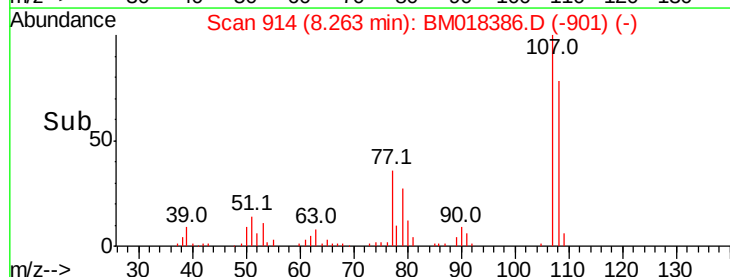
Abundance Ion 107.00 (106.70 to 107.70): BM018386.D (-901) (-)

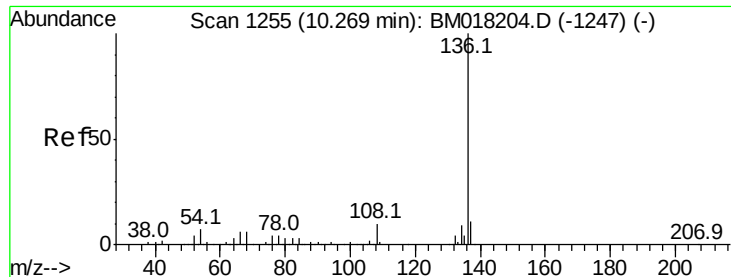
Ion 108.00 (107.70 to 108.70): BM018386.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM018386.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM018386.D (-901) (-)

Time-->

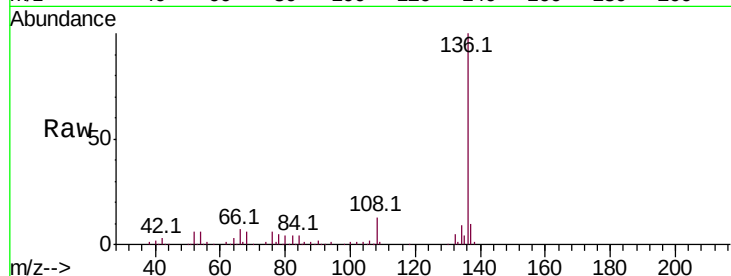




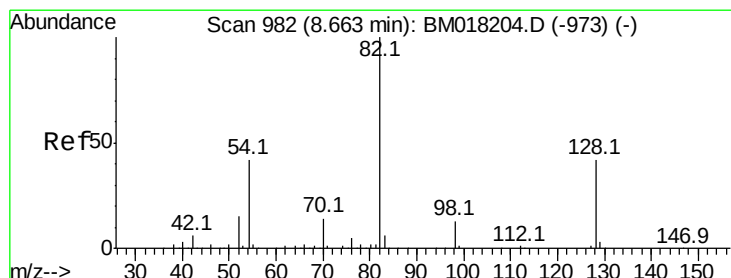
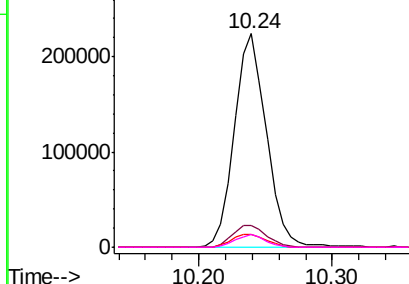
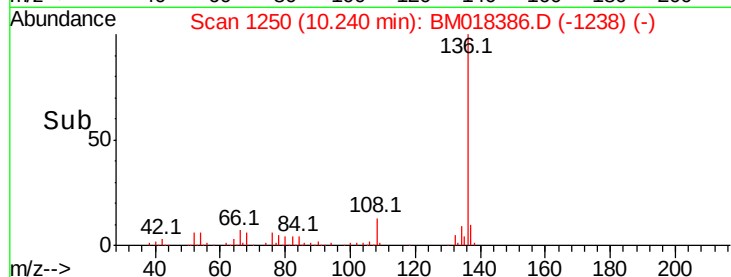
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	374532
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.2	5.2	7.8
68	6.1	5.0	7.6

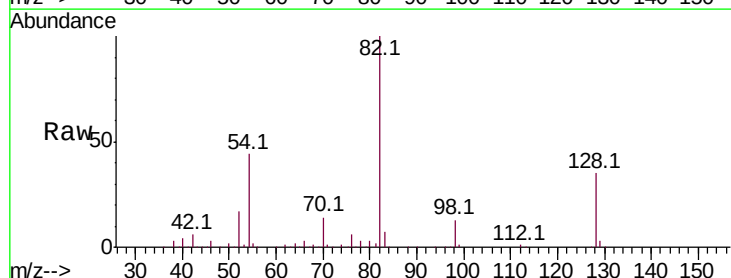


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

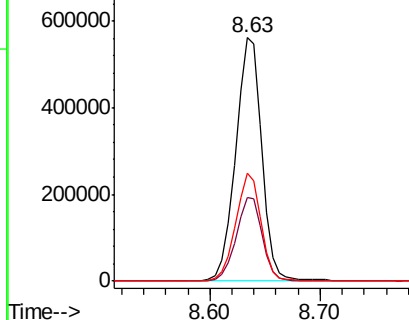
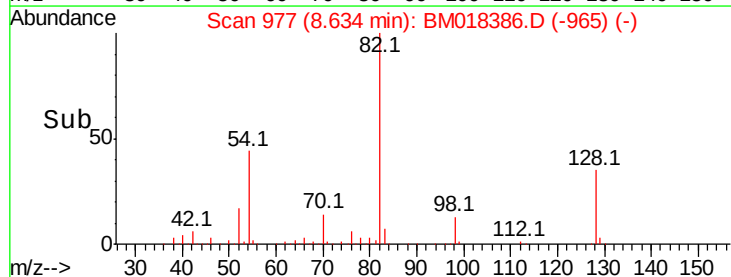


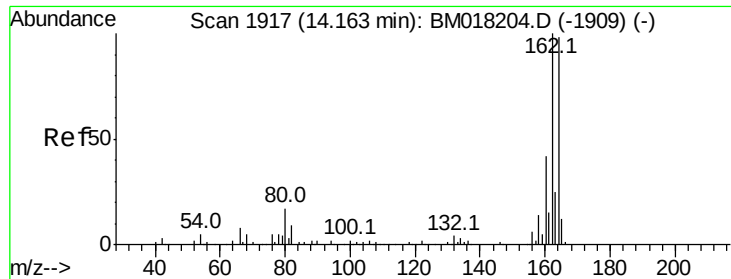
#23
Nitrobenzene-d5
Concen: 127.845 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.03 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Tgt Ion:	82	Resp:	933492
Ion	Ratio	Lower	Upper
82	100		
128	34.5	33.4	50.2
54	44.2	33.4	50.2



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: 14.13 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

Instrument :

BNA_M

ClientSampleId :

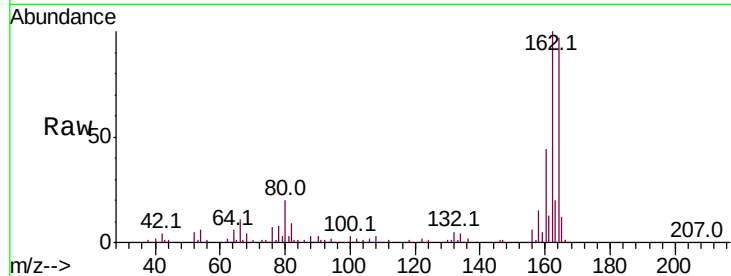
Tot Ion:164 Resp: 195163

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

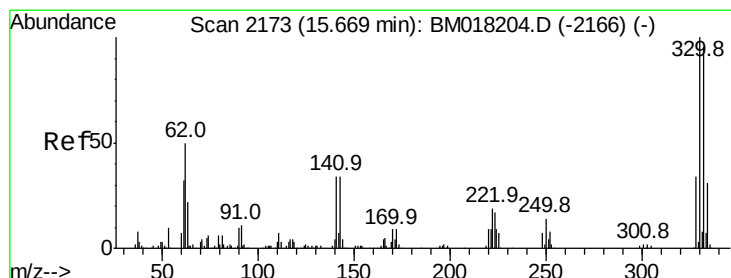
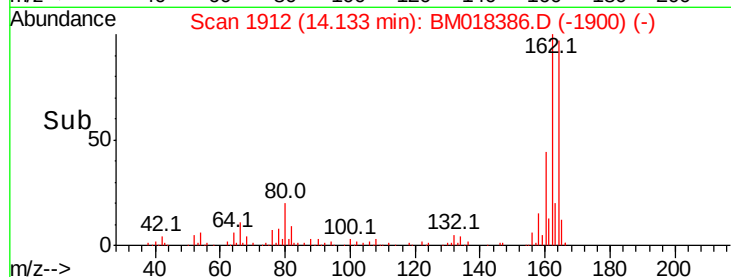
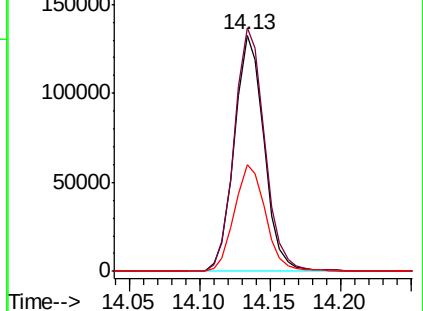
160 44.9 34.6 51.8



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: 135.116 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018386.D

Acq: 22 Dec 2018 16:47

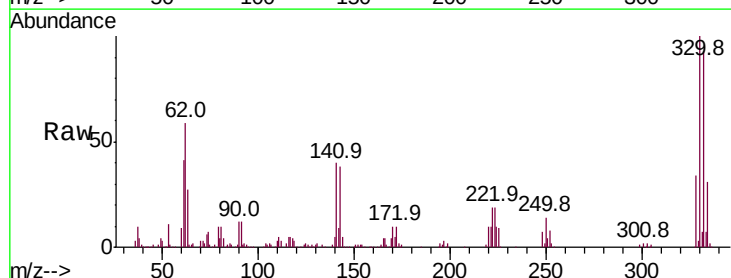
Tgt Ion:330 Resp: 387034

Ion Ratio Lower Upper

330 100

332 95.7 78.6 118.0

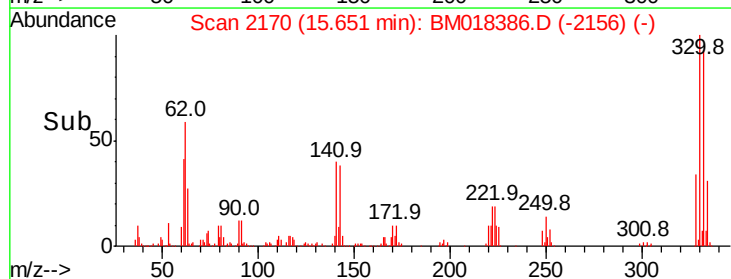
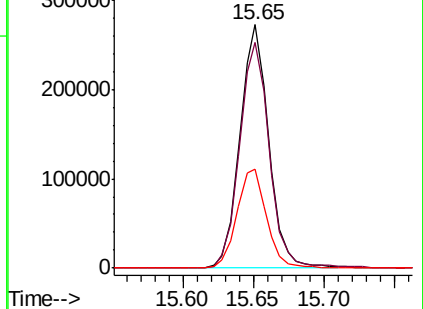
141 42.0 27.1 40.7#

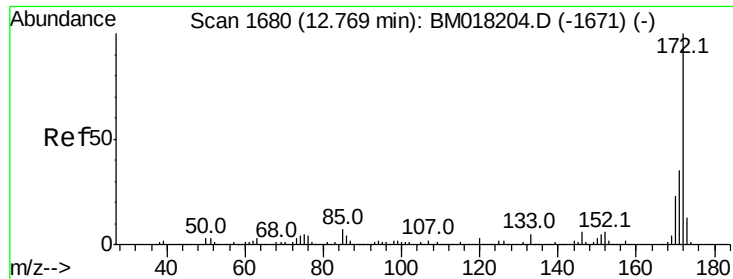


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



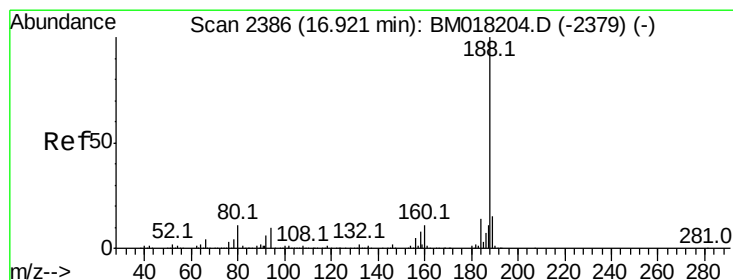
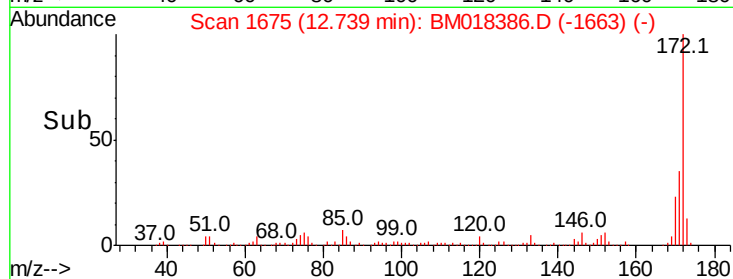
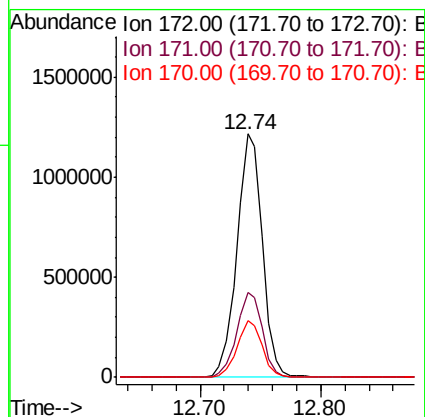
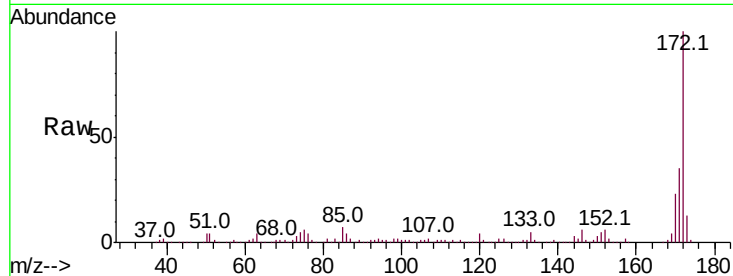


#45
 2-Fluorobiphenyl
 Concen: 118.420 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.03 min
 Lab File: BM018386.D
 Acq: 22 Dec 2018 16:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1784322

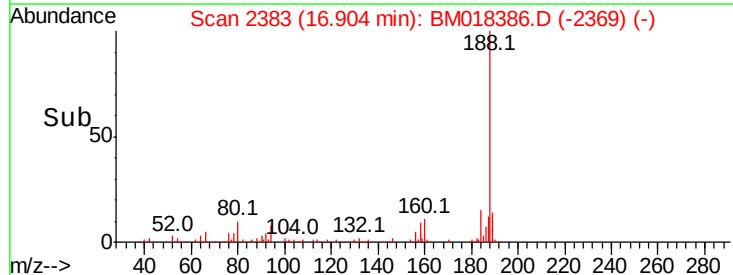
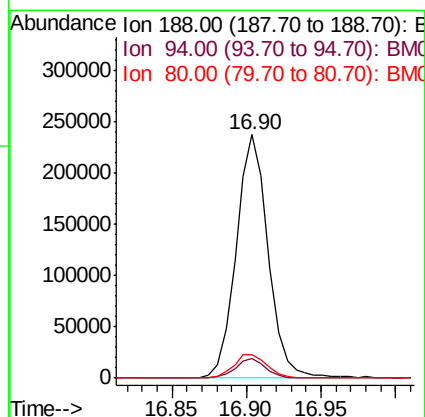
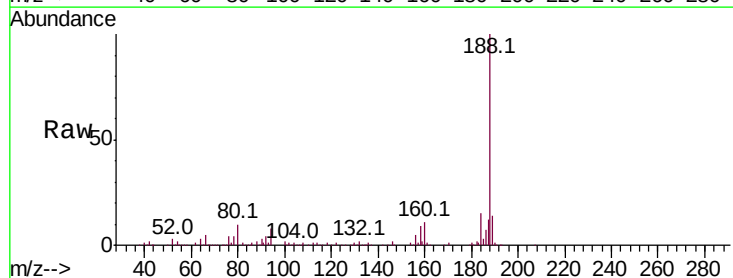
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.3	18.1	27.1

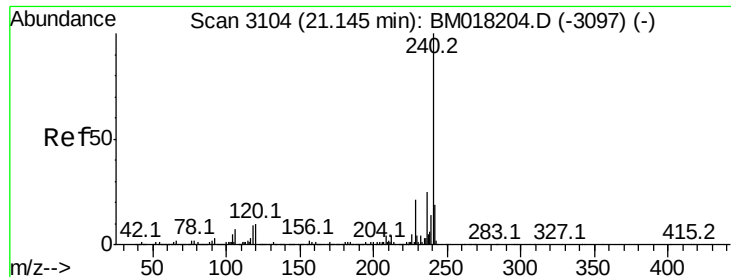


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.90 min Scan# 2383
 Delta R.T. -0.02 min
 Lab File: BM018386.D
 Acq: 22 Dec 2018 16:47

Tgt Ion:188 Resp: 353966

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.0	12.0
80	9.9	9.0	13.6

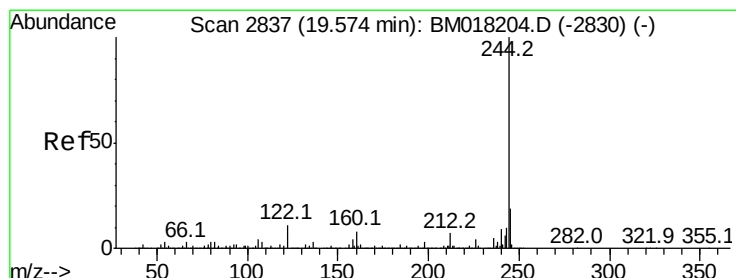
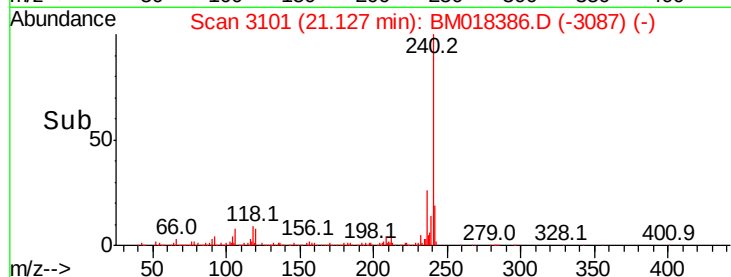
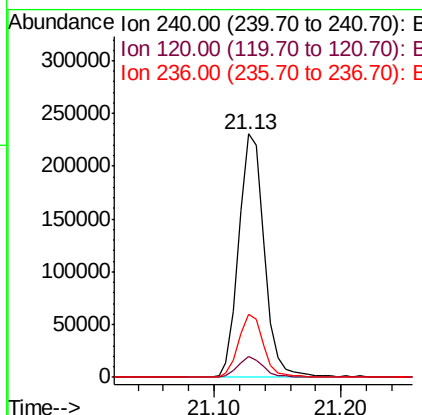
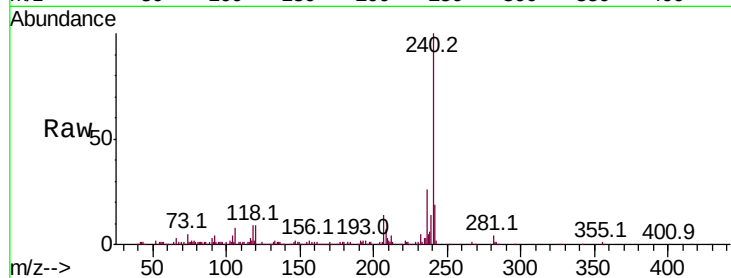




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.13 min Scan# 3101
 Delta R.T. -0.02 min
 Lab File: BM018386.D
 Acq: 22 Dec 2018 16:47

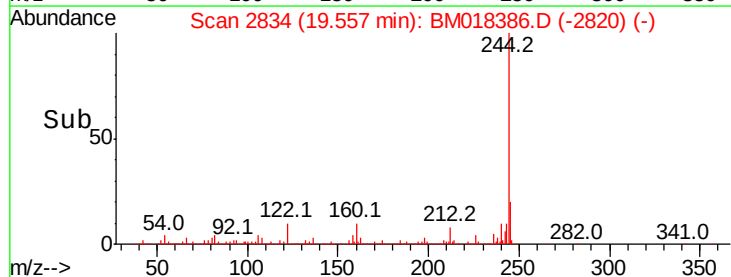
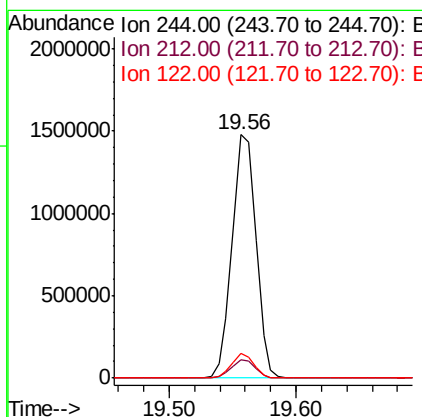
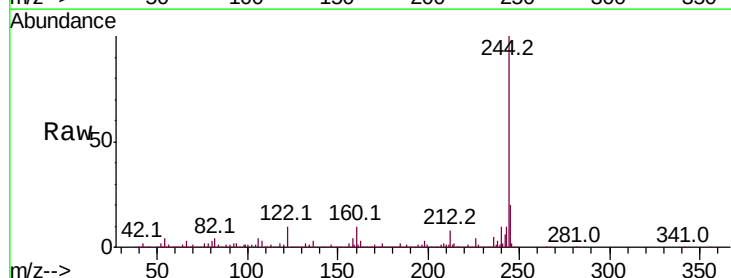
Instrument :
 BNA_M
 ClientSampleId :

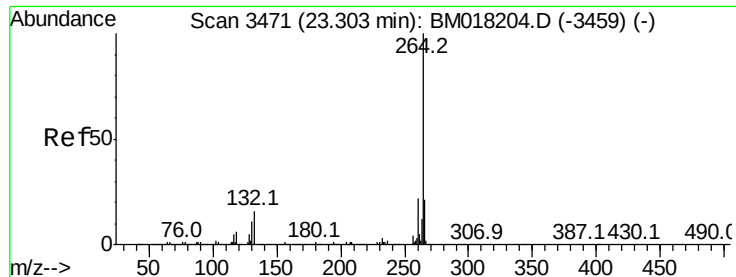
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.2	12.2
236	25.8	20.3	30.5



#79
 Terphenyl-d14
 Concen: 136.105 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BM018386.D
 Acq: 22 Dec 2018 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	10.1	9.0	13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018386.D
Acq: 22 Dec 2018 16:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.5	26.3
265	21.5	17.3	25.9

