

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018533.D
 Acq On : 11 Jan 2019 08:46
 Operator : JU/SJ
 Sample : K1095-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 10:26:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

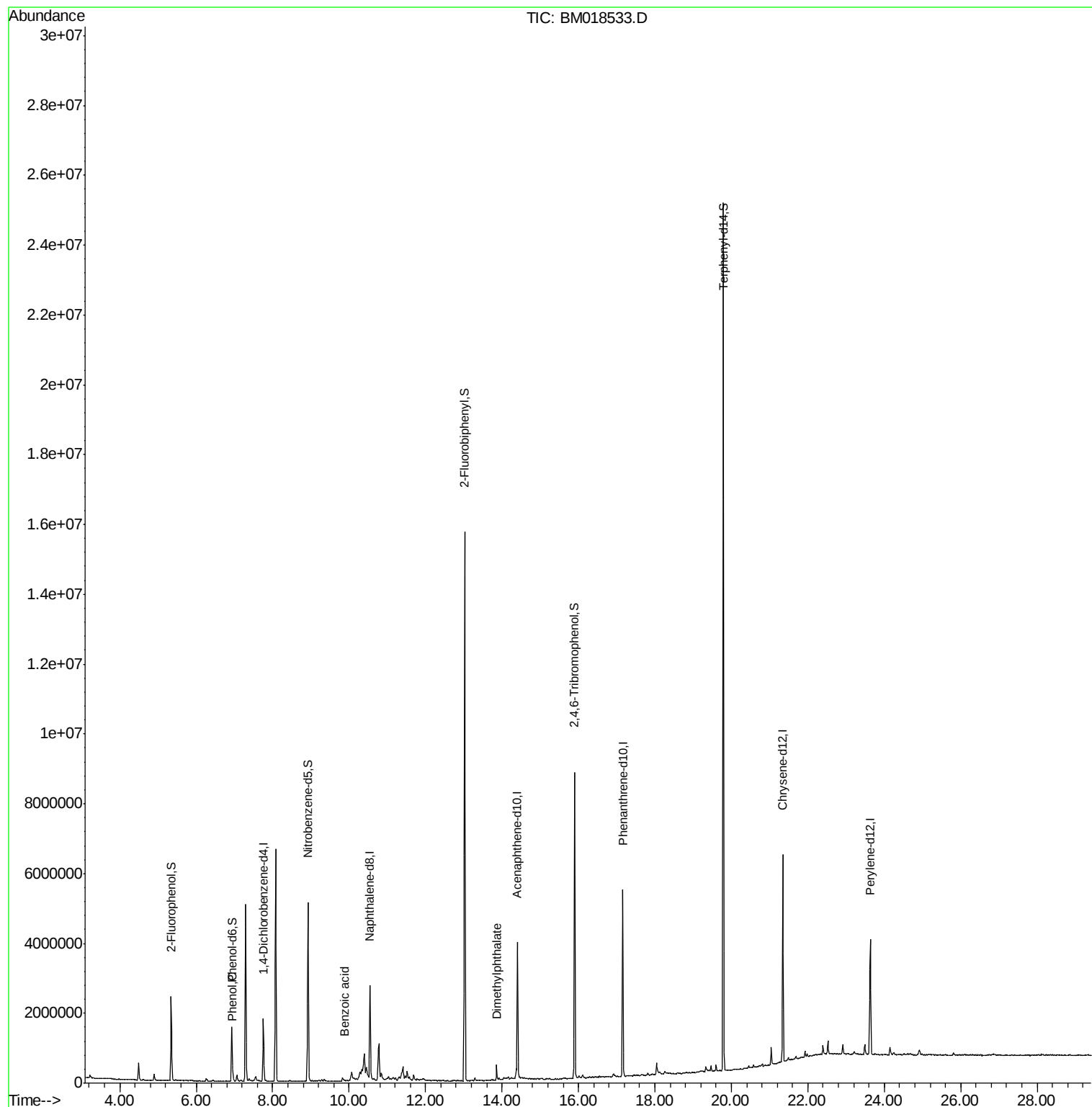
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	489632	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2037043	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1282973	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3052394	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2758060	20.00	ng	0.00
87) Perylene-d12	23.63	264	2403782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1048451	39.54	ng	0.00
7) Phenol-d6	6.93	99	858767	25.50	ng	0.00
23) Nitrobenzene-d5	8.93	82	2891748	82.29	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1531126	93.73	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	7931045	80.66	ng	0.00
79) Terphenyl-d14	19.79	244	11270901	86.15	ng	0.00
Target Compounds						
10) Phenol	6.96	94	130160	3.803	ng	99
32) Benzoic acid	9.90	122	797	6.543	ng	# 56
50) Dimethylphthalate	13.86	163	288212	2.735	ng	100

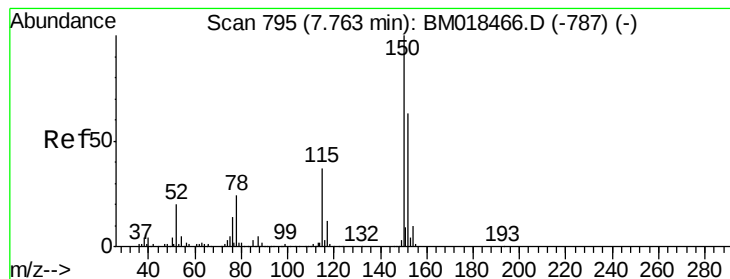
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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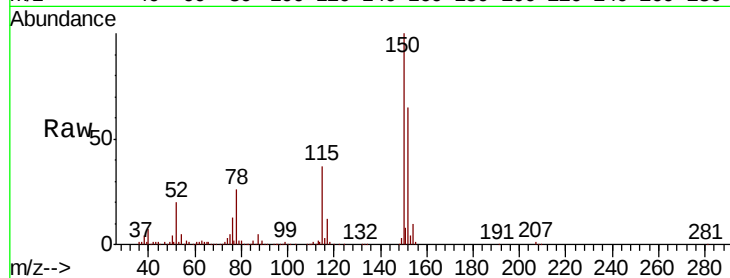


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018533.D
Acq: 11 Jan 2019 08:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.9	190.3
115	57.6	45.5	68.3

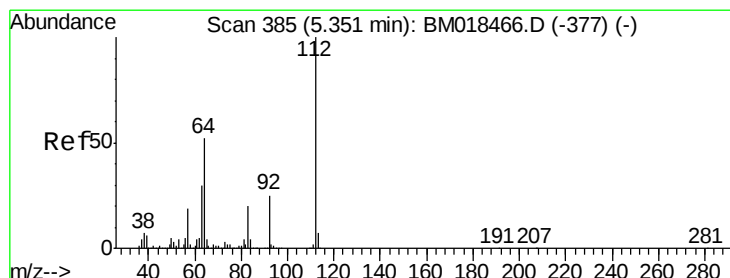
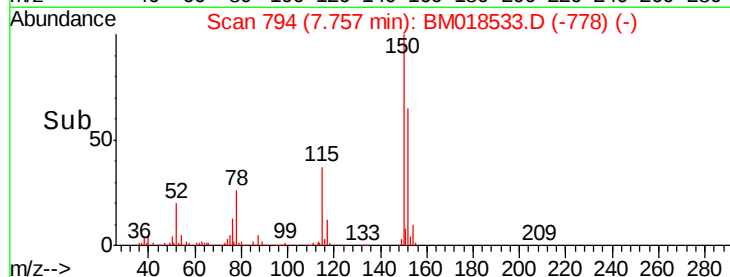
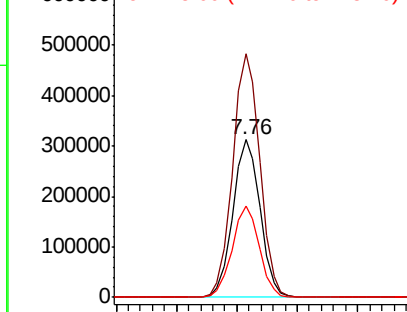


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

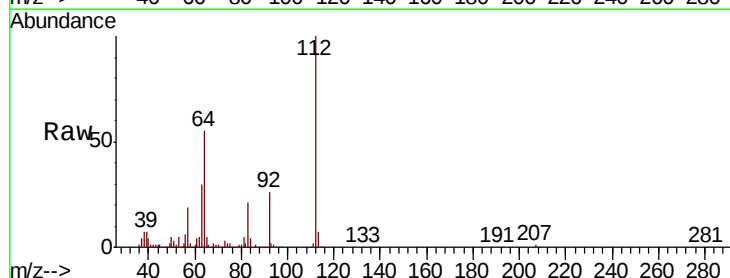
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.539 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018533.D
Acq: 11 Jan 2019 08:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.5	69.7
63	30.4	25.2	37.8

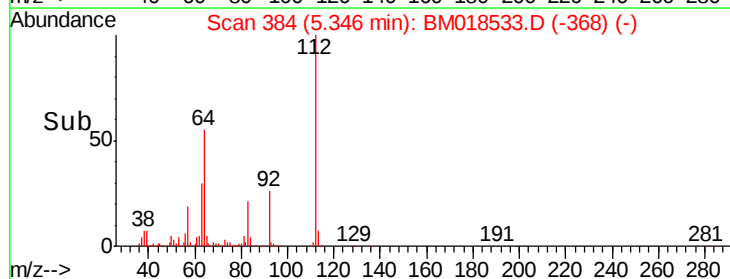
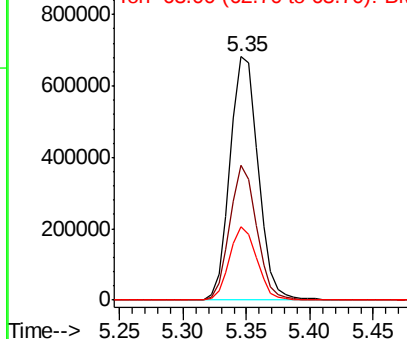


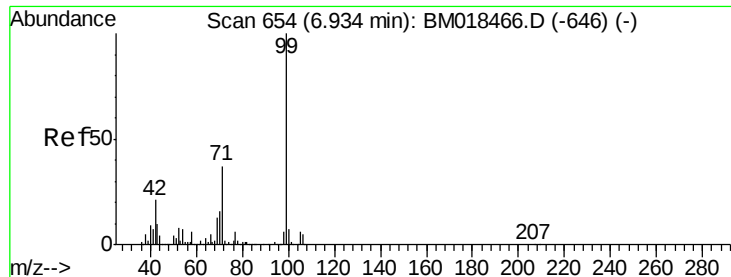
Abundance

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: 25.498 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

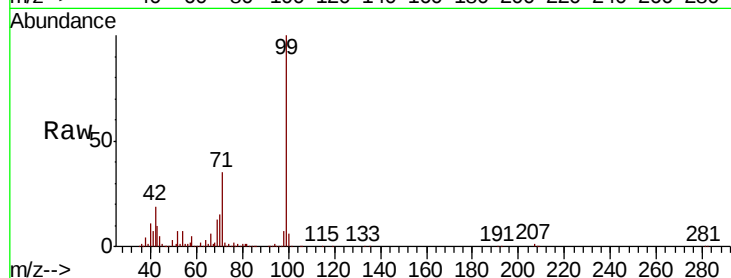
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 858767

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	35.1	28.0	42.0

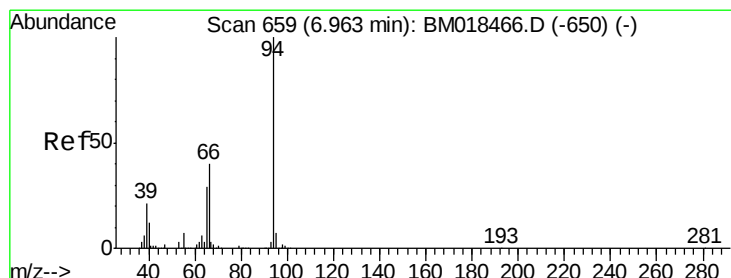
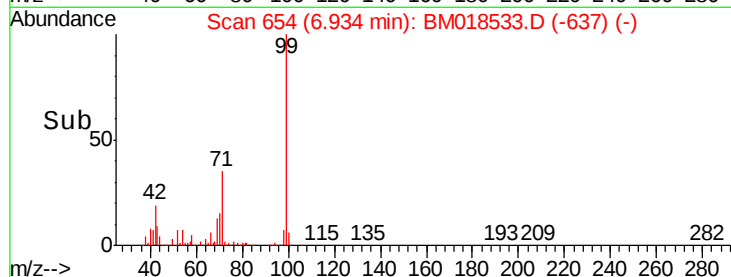


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 3.803 ng

RT: 6.96 min Scan# 658

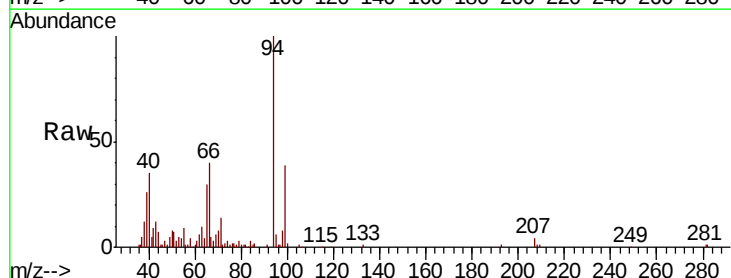
Delta R.T. -0.01 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

Tgt Ion: 94 Resp: 130160

Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.4	49.4
66	40.3	19.1	59.1

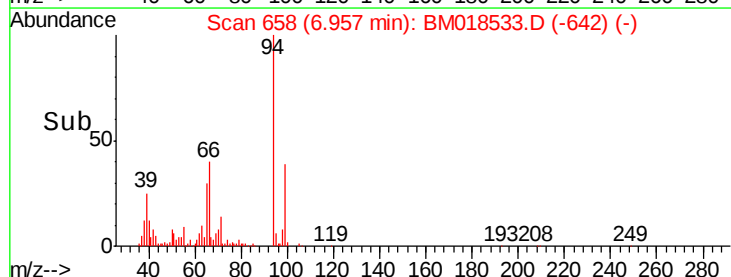


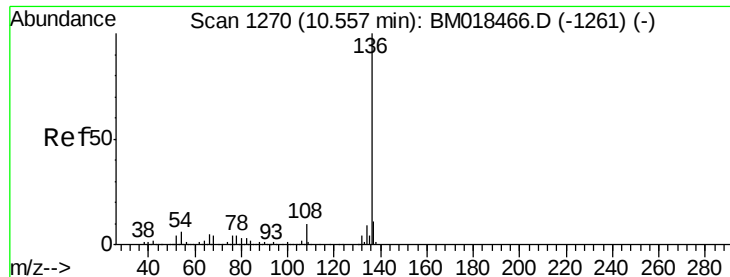
Abundance

Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 2037043

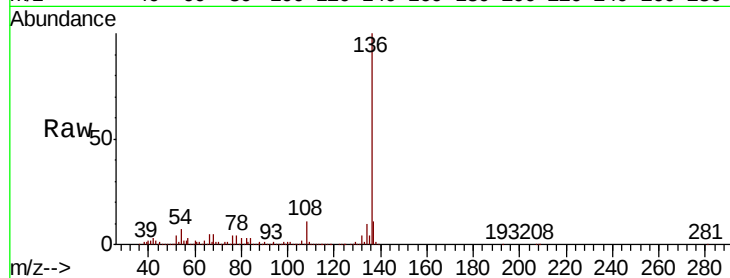
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.6	6.0	9.0
68	4.6	4.5	6.7

136 100

137 10.9 8.5 12.7

54 6.6 6.0 9.0

68 4.6 4.5 6.7

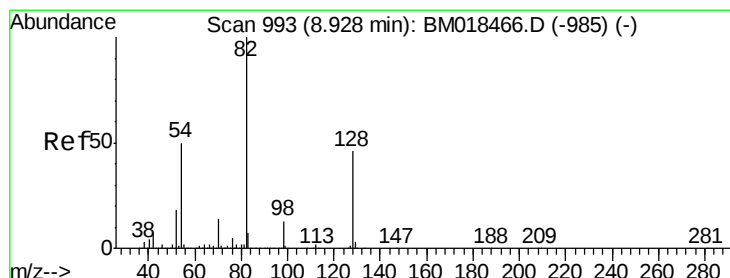
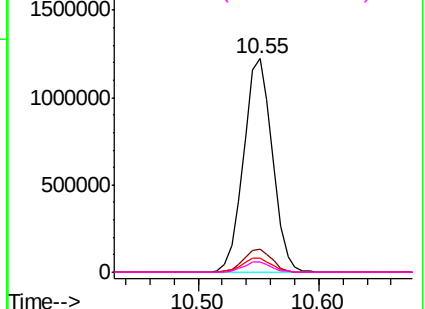
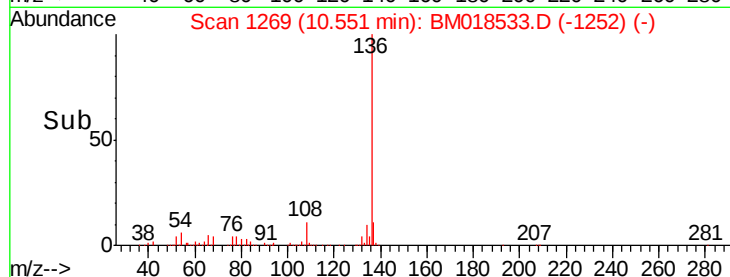


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.294 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

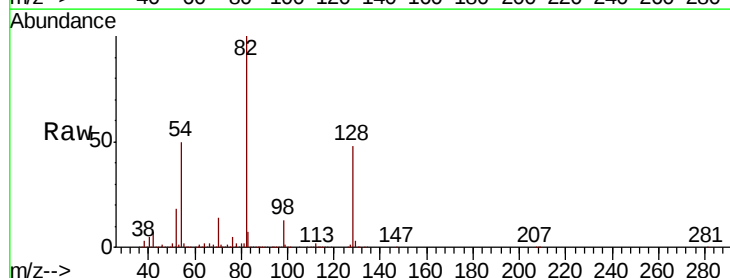
Tgt Ion: 82 Resp: 2891748

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	50.1	41.7	62.5

82 100

128 48.0 36.3 54.5

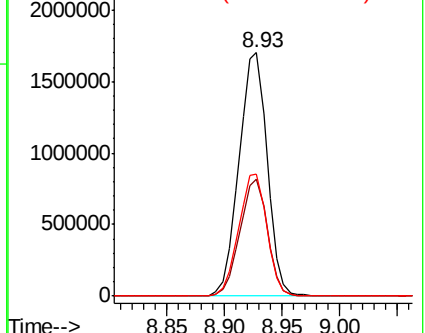
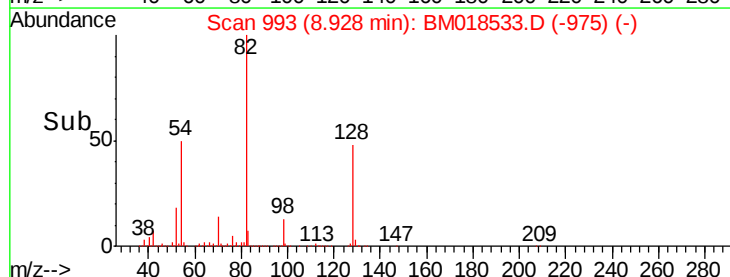
54 50.1 41.7 62.5

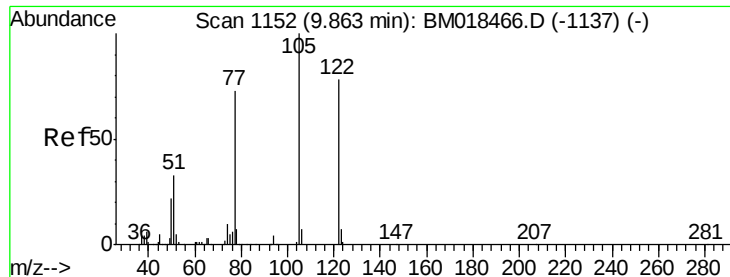


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

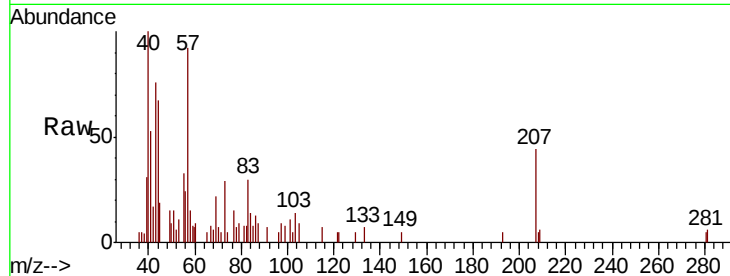




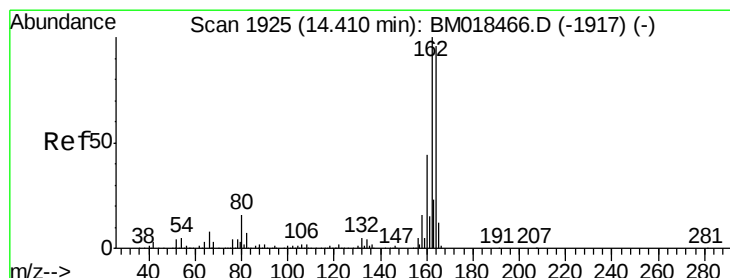
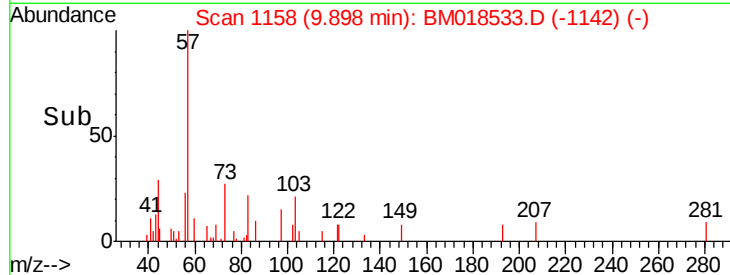
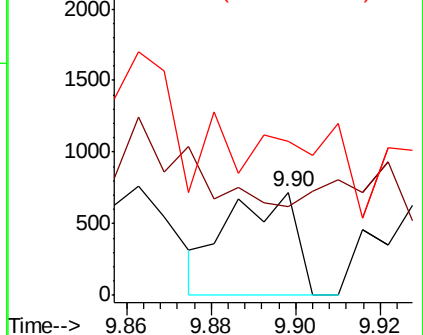
#32
Benzoic acid
Concen: 6.543 ng
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM018533.D
Acq: 11 Jan 2019 08:46

Instrument :
BNA_M
ClientSampled :

Tot Ion:122 Resp: 797
Ion Ratio Lower Upper
122 100
105 86.6 100.4 140.4#
77 150.0 71.7 111.7#

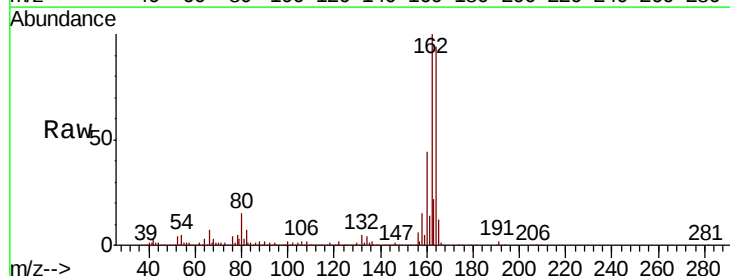


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

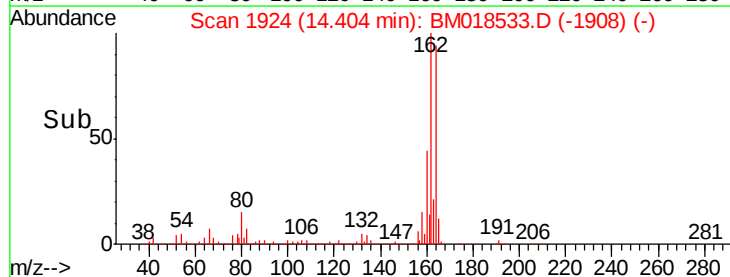
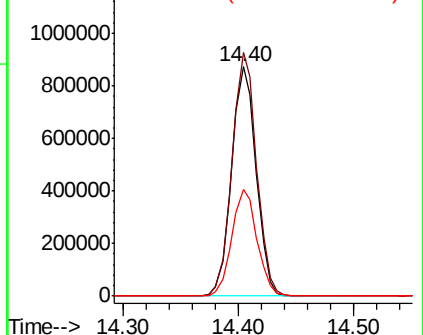


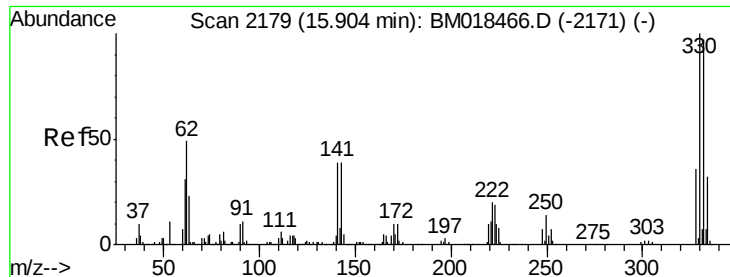
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018533.D
Acq: 11 Jan 2019 08:46

Tgt Ion:164 Resp: 1282973
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.4
160 46.4 37.1 55.7



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

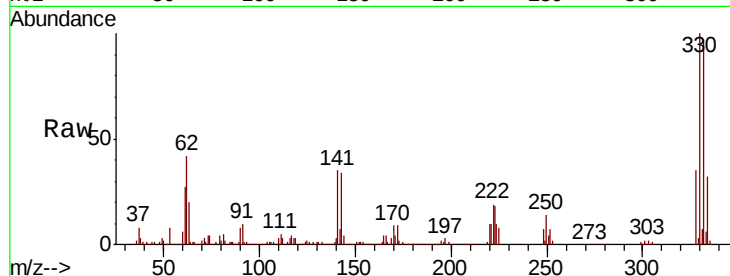




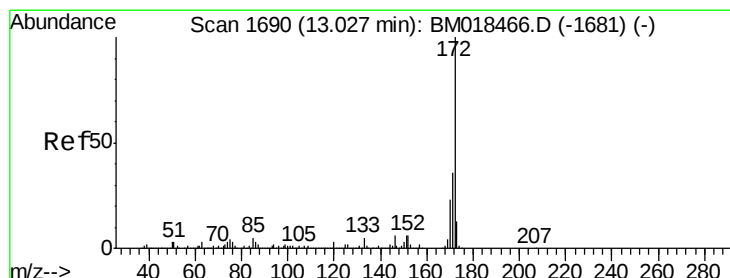
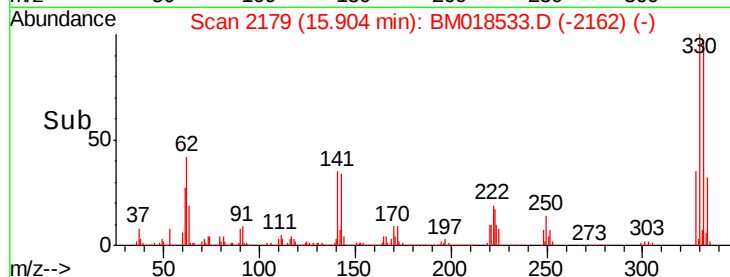
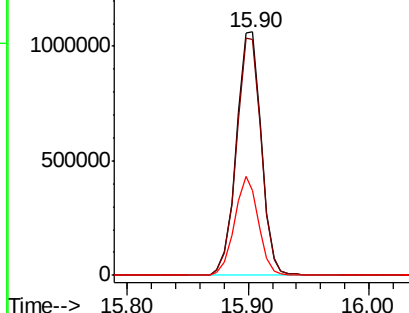
#42
 2,4,6-Tribromophenol
 Concen: 93.728 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018533.D
 Acq: 11 Jan 2019 08:46

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1531126
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.6 116.4
 141 38.7 31.7 47.5

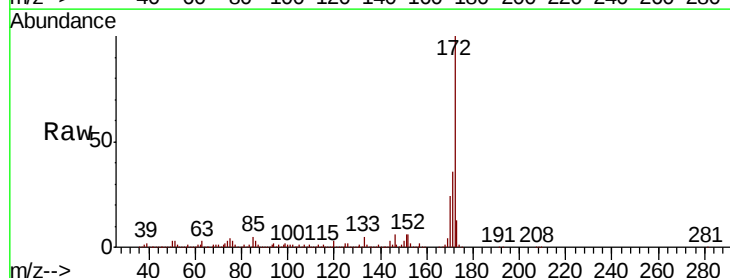


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

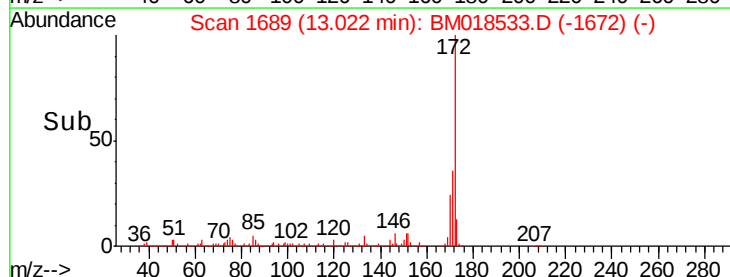
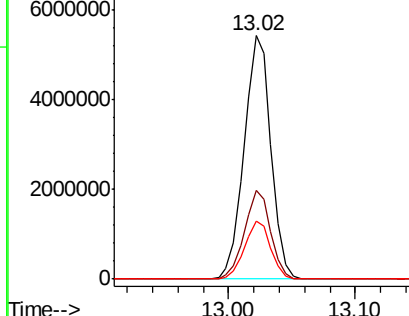


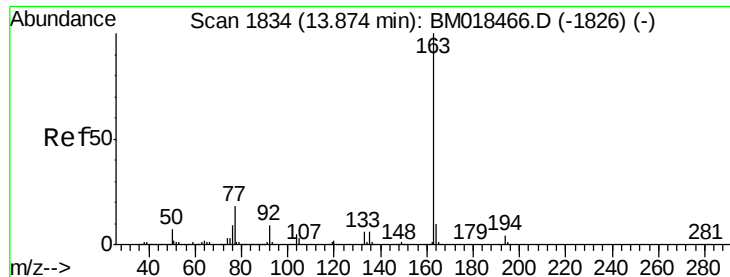
#45
 2-Fluorobiphenyl
 Concen: 80.664 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018533.D
 Acq: 11 Jan 2019 08:46

Tgt Ion:172 Resp: 7931045
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.2 42.4
 170 23.7 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





#50

Dimethylphthalate

Concen: 2.735 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

Instrument :

BNA_M

ClientSampled :

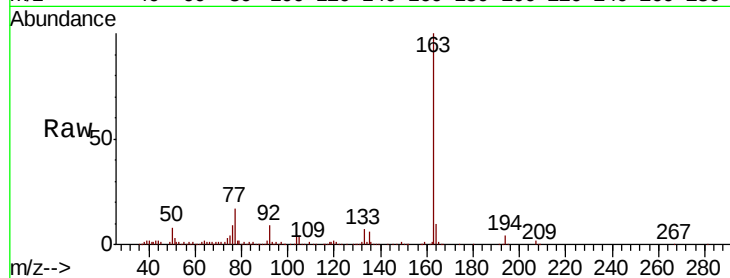
Tot Ion:163 Resp: 288212

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

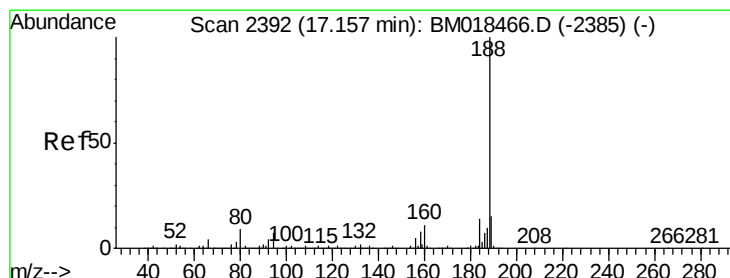
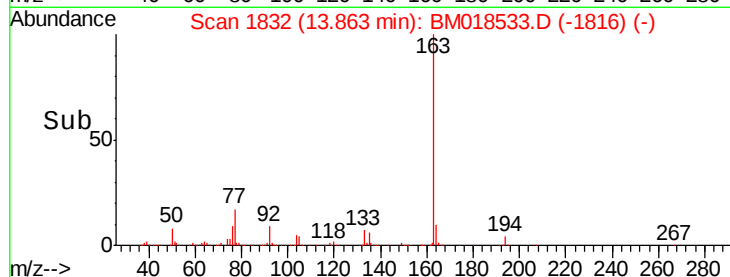
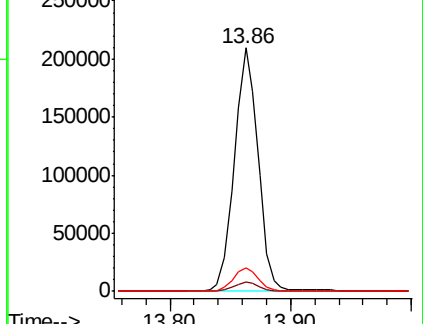
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

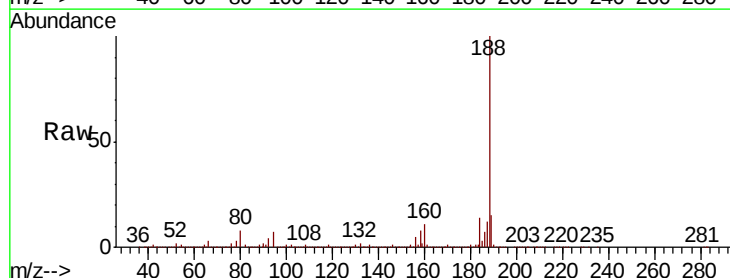
Tgt Ion:188 Resp: 3052394

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

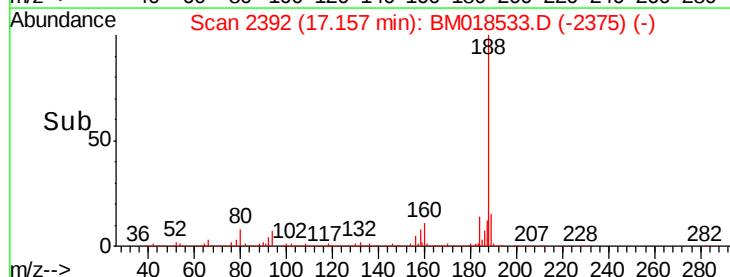
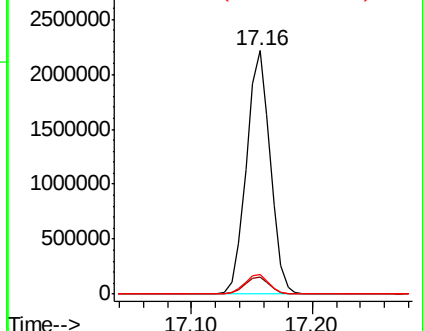
80 8.1 7.6 11.4

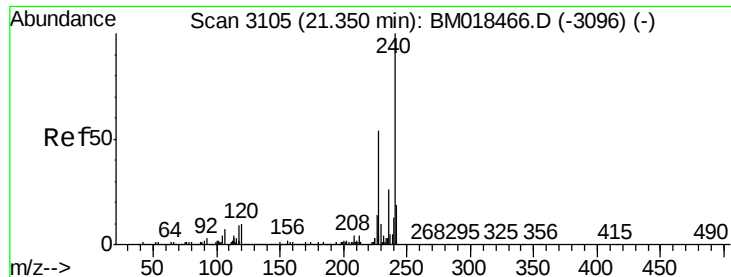


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

Instrument :

BNA_M

ClientSampled :

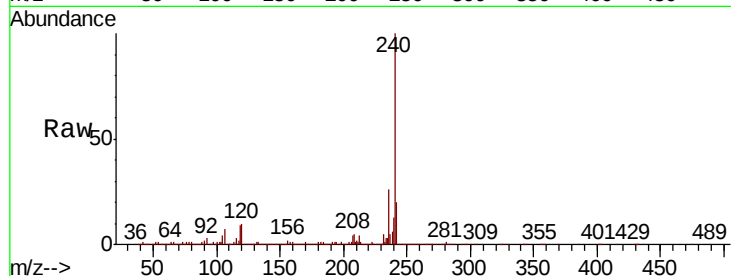
Tot Ion:240 Resp: 2758060

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

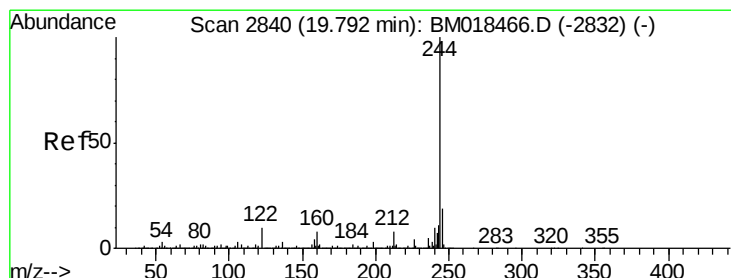
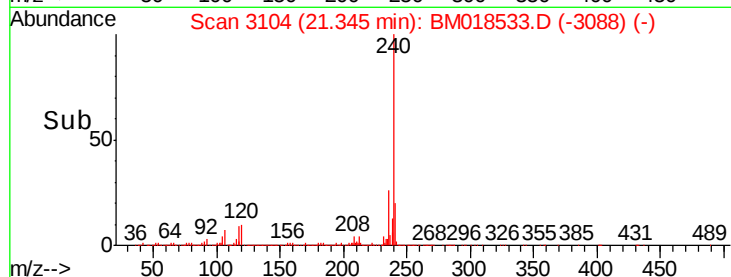
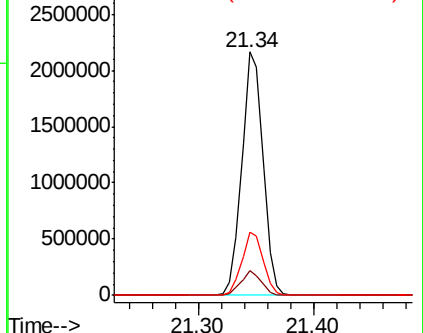
236 25.9 20.7 31.1



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: 86.145 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018533.D

Acq: 11 Jan 2019 08:46

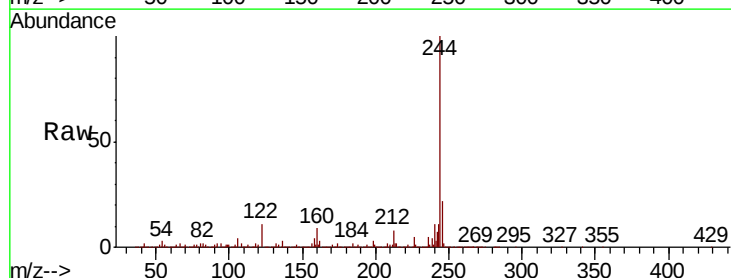
Tgt Ion:244 Resp:11270901

Ion Ratio Lower Upper

244 100

212 8.4 5.9 8.9

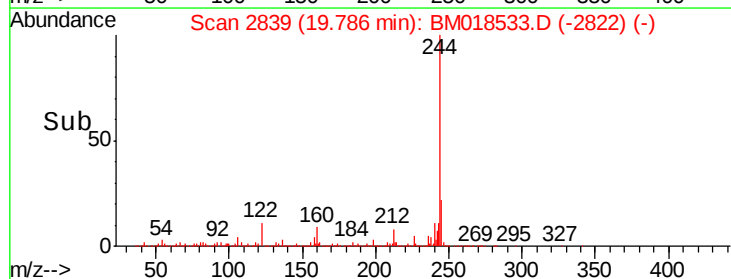
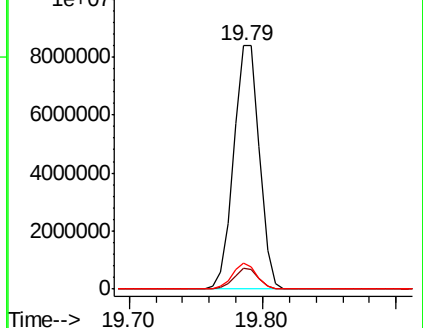
122 10.7 9.0 13.4

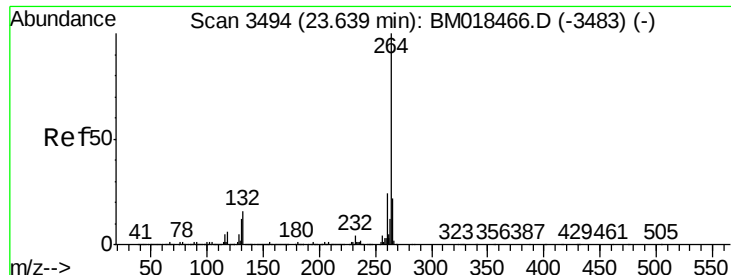


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.63 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: BM018533.D
 Acq: 11 Jan 2019 08:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 2403782
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 21.5 16.8 25.2

