

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
 Data File : BM018933.D
 Acq On : 26 Feb 2019 17:22
 Operator : JU/SJ
 Sample : K1620-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-03

Quant Time: Feb 27 00:42:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

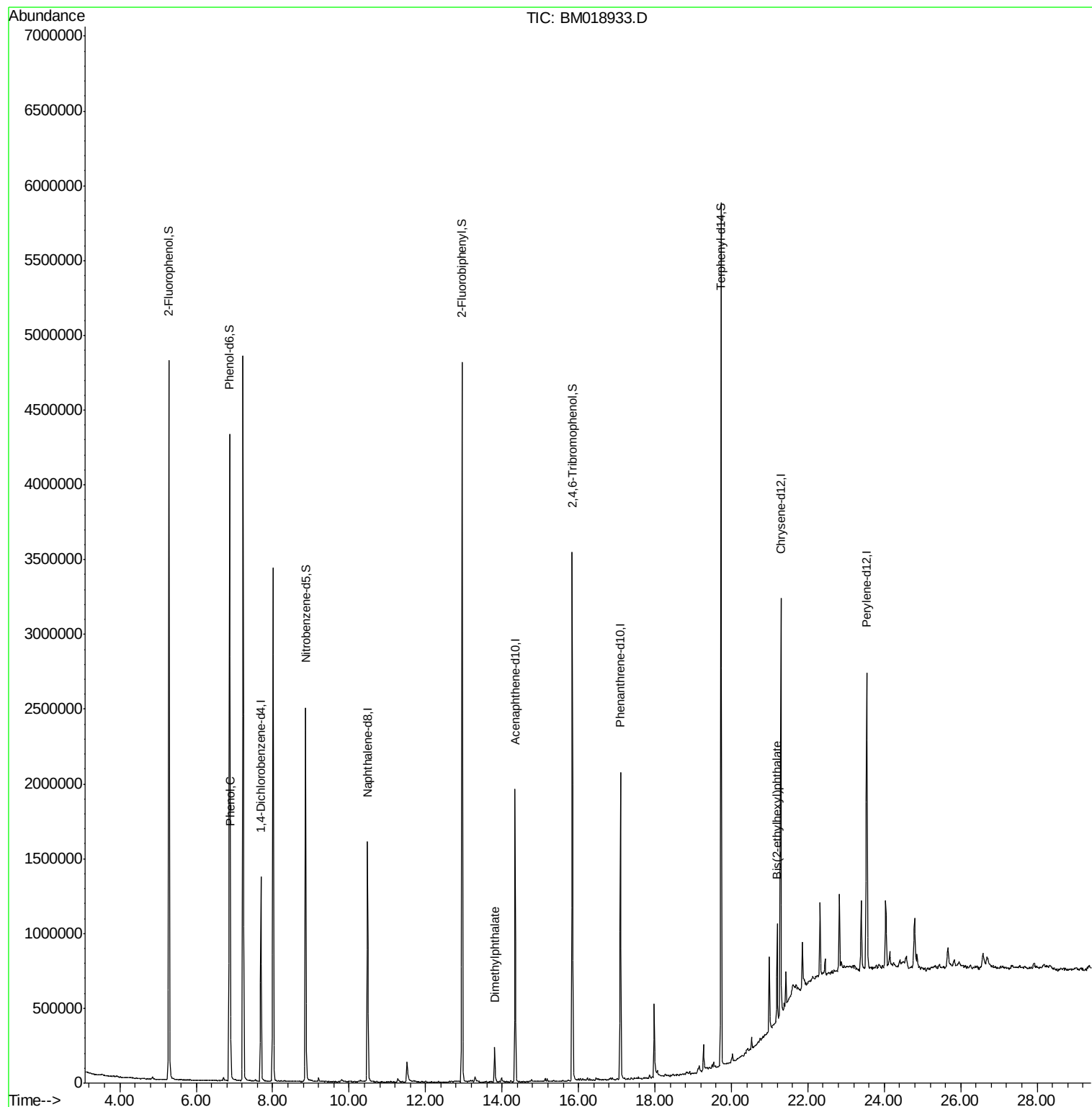
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	346907	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1283684	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	597734	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1131410	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1238686	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1410690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1902322	89.85	ng	-0.02
7) Phenol-d6	6.87	99	2513222	84.26	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1614560	58.16	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	620316	71.99	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2309573	51.29	ng	-0.02
79) Terphenyl-d14	19.73	244	2508044	41.77	ng	-0.02
Target Compounds						
10) Phenol	6.89	94	157972	5.034	ng	93
50) Dimethylphthalate	13.81	163	156052	3.133	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	222583	4.638	ng	100

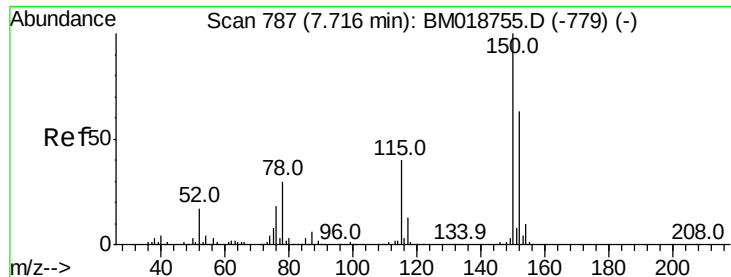
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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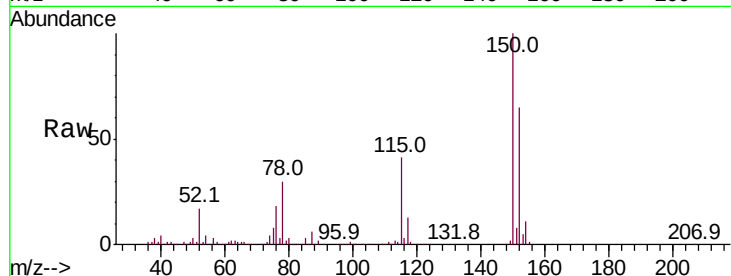


#1

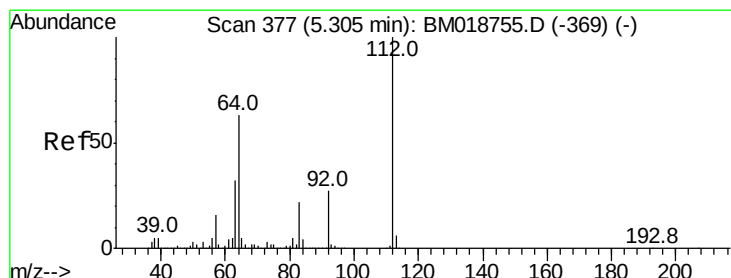
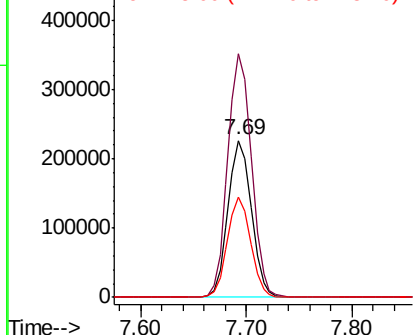
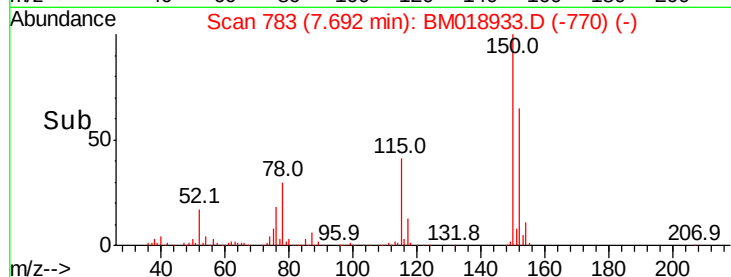
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

Instrument :
BNA_M
ClientSampleId :
SB-03

Tot Ion:152 Resp: 346907
Ion Ratio Lower Upper
152 100
150 154.9 127.3 190.9
115 63.4 50.8 76.2



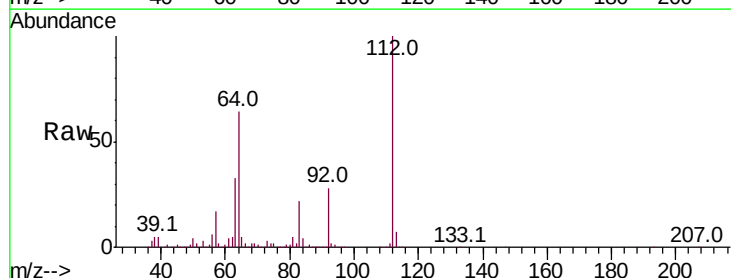
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



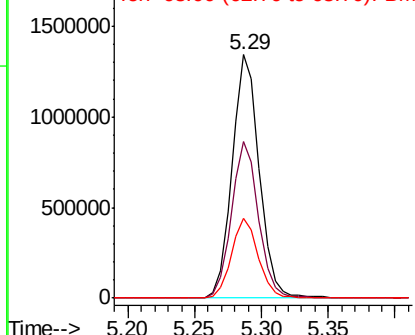
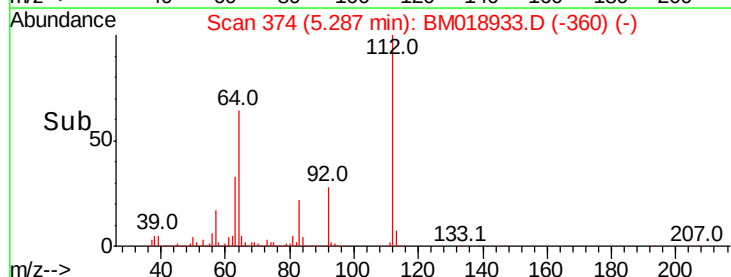
#5

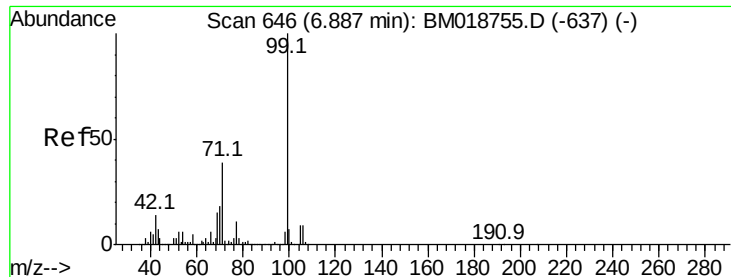
2-Fluorophenol
Concen: 89.848 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

Tgt Ion:112 Resp: 1902322
Ion Ratio Lower Upper
112 100
64 64.4 50.6 75.8
63 33.0 25.7 38.5



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: 84.260 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

Instrument :

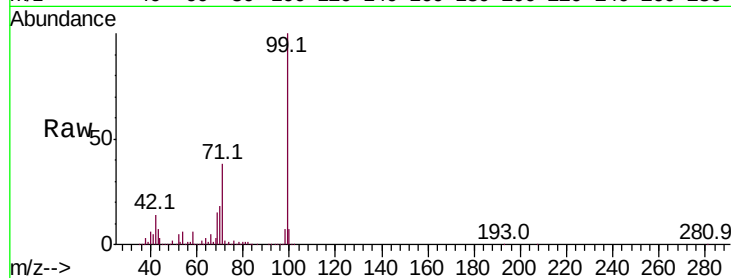
BNA_M

ClientSampleId :

SB-03

Tot Ion: 99 Resp: 2513222

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	38.0	31.3	46.9

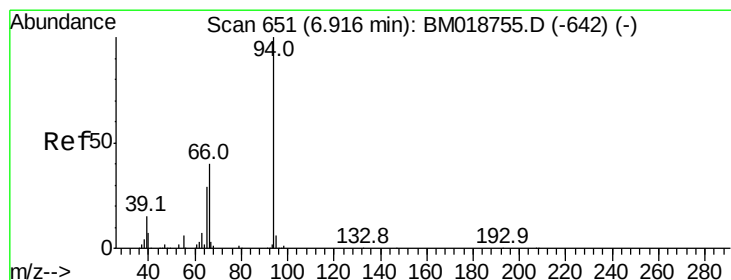
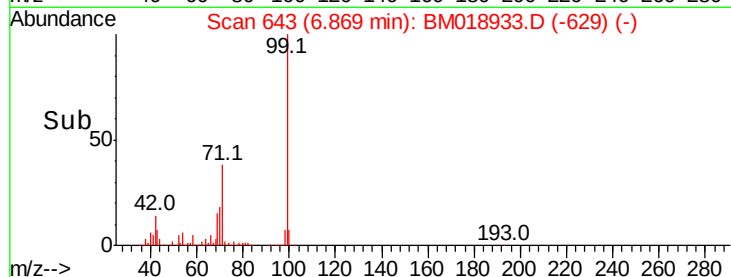
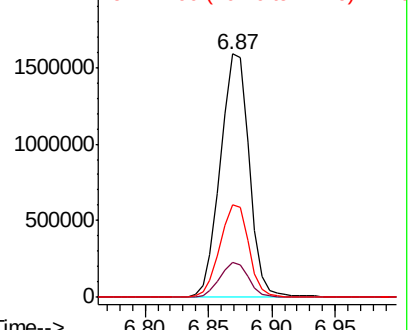


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 5.034 ng

RT: 6.89 min Scan# 647

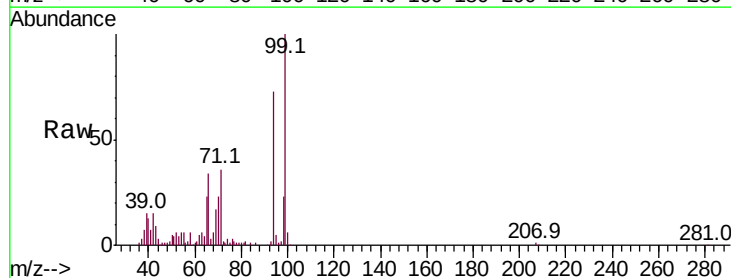
Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

Tgt Ion: 94 Resp: 157972

Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.6	49.6
66	46.6	20.4	60.4

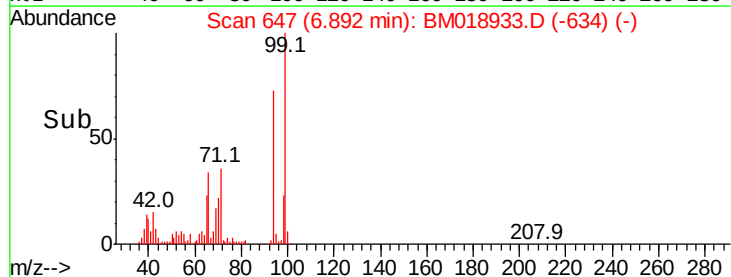
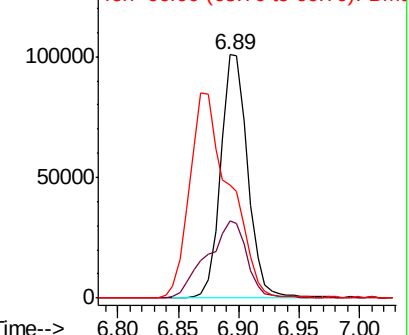


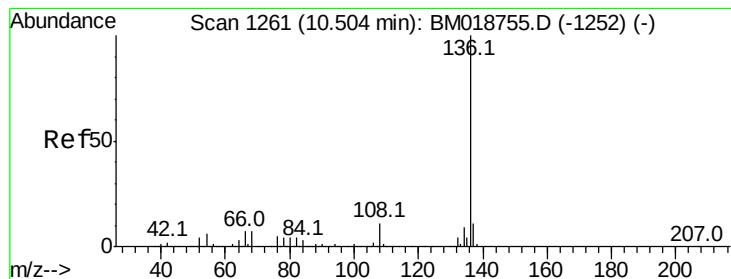
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

Instrument :

BNA_M

ClientSampleId :

SB-03

Tot Ion:136 Resp: 1283684

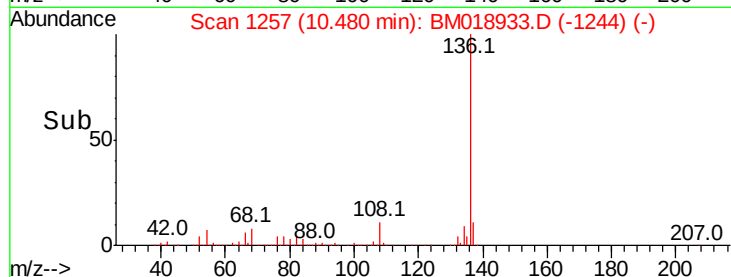
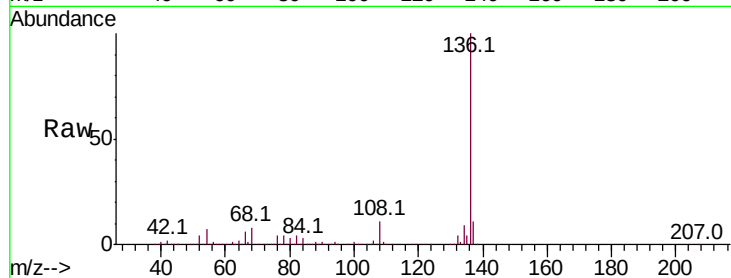
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 7.5 5.5 8.3

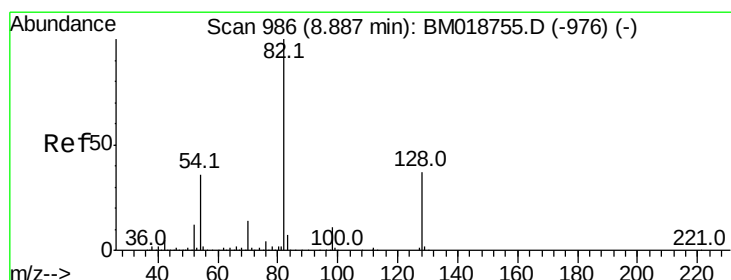
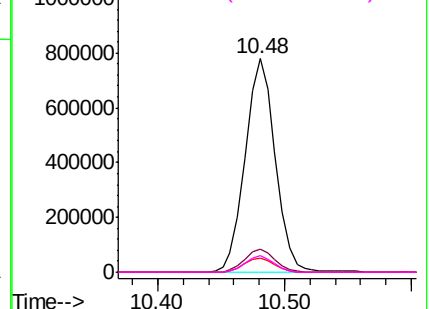


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.157 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

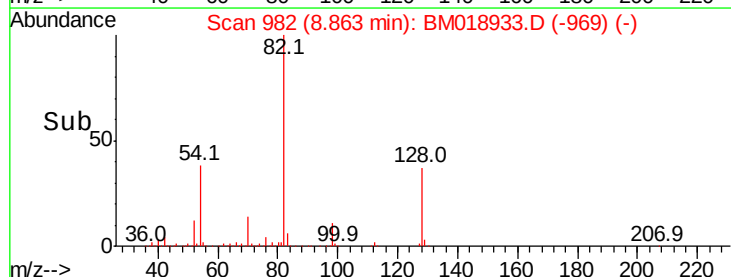
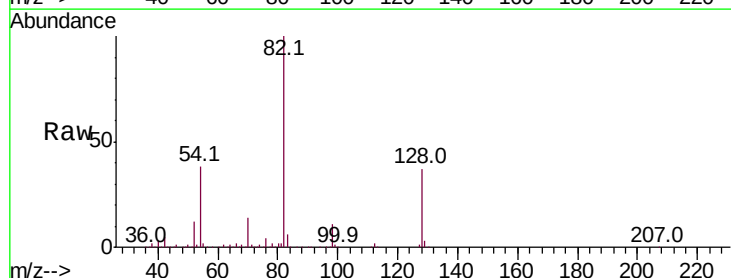
Tgt Ion: 82 Resp: 1614560

Ion Ratio Lower Upper

82 100

128 37.3 29.9 44.9

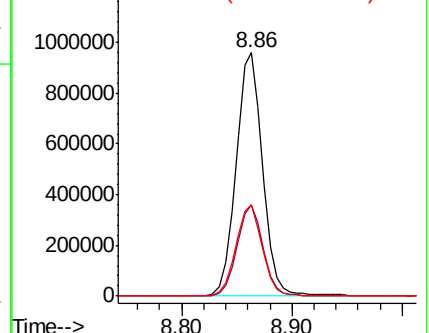
54 37.6 29.1 43.7

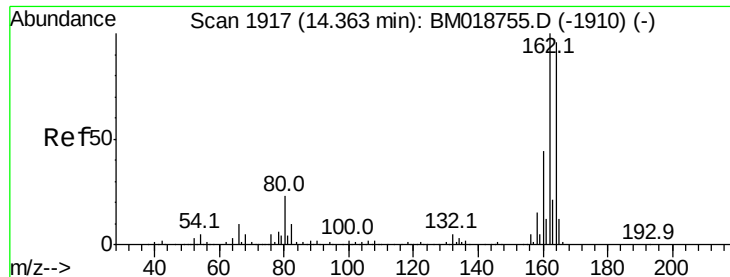


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

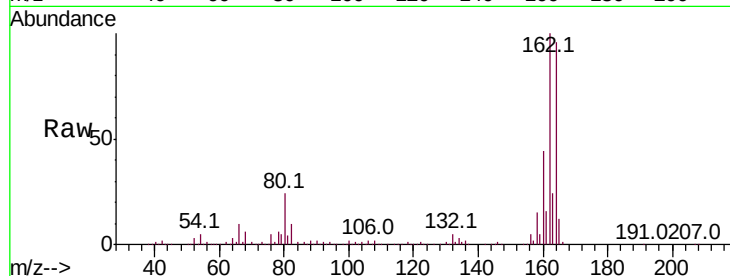




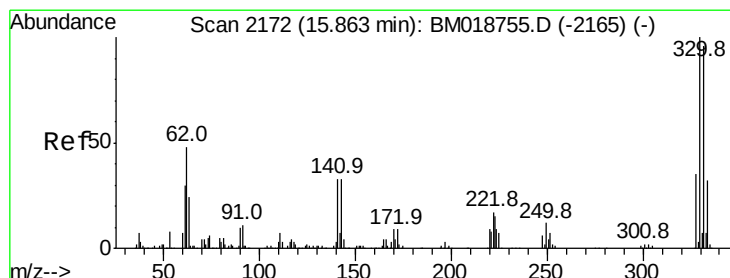
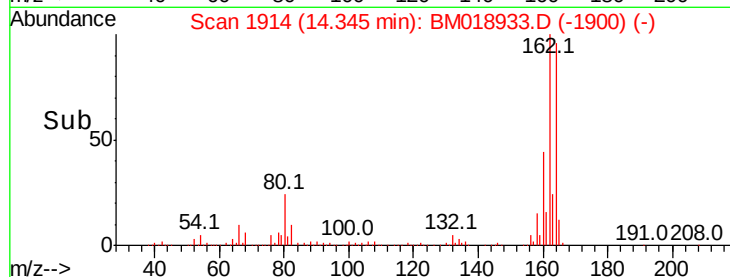
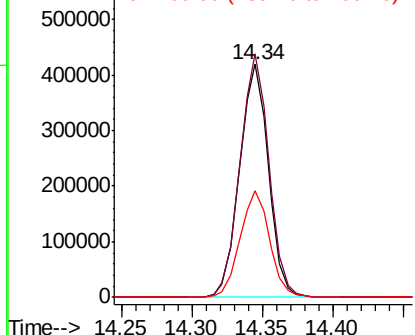
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

Instrument :
BNA_M
ClientSampled :
SB-03

Tot Ion:164 Resp: 597734
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.0
160 45.9 36.6 55.0

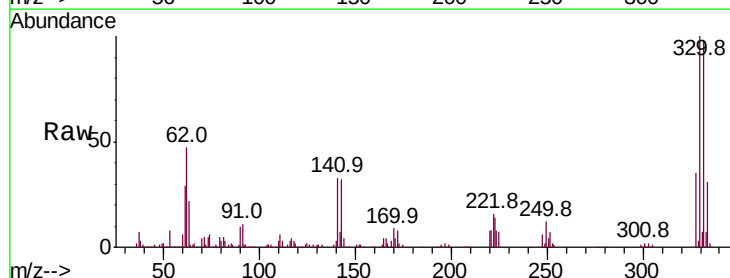


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

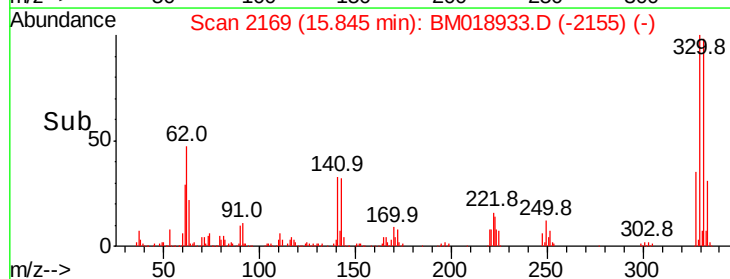
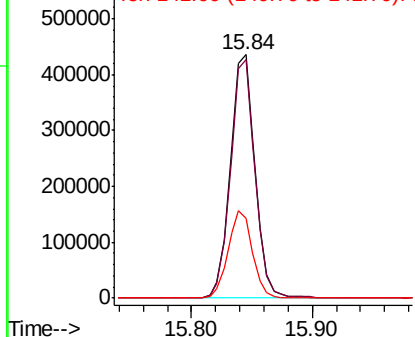


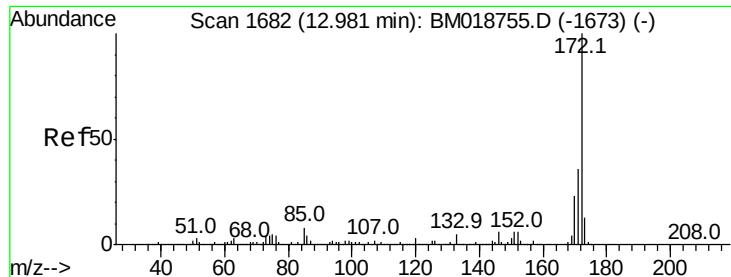
#42
2,4,6-Tribromophenol
Concen: 71.994 ng
RT: 15.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

Tgt Ion:330 Resp: 620316
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 35.6 28.7 43.1



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

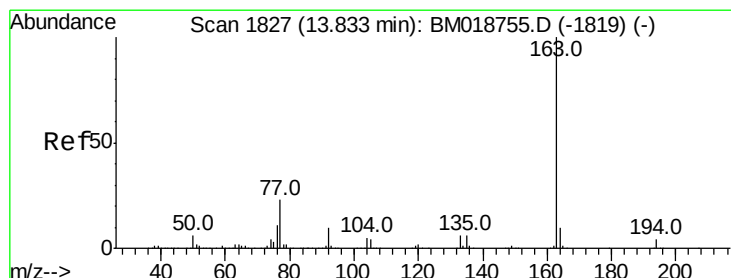
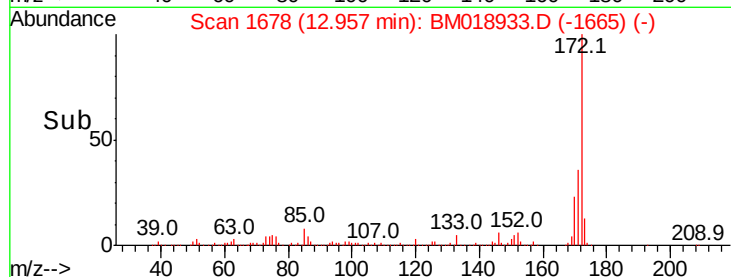
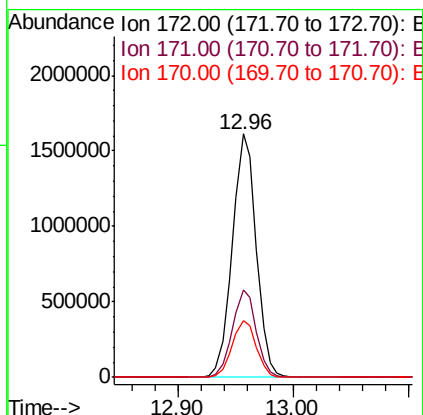
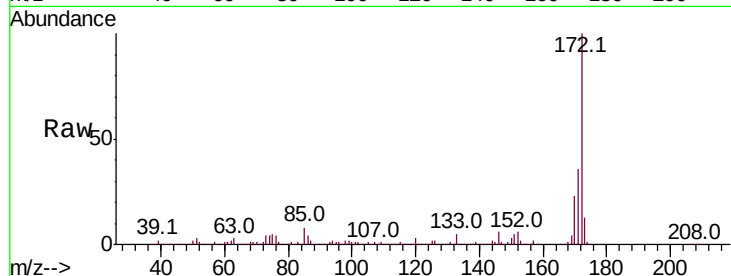




#45
2-Fluorobiphenyl
Concen: 51.292 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

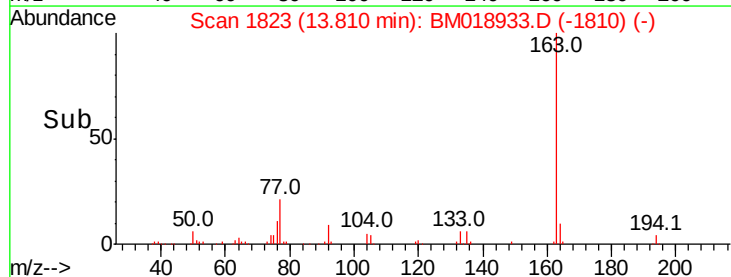
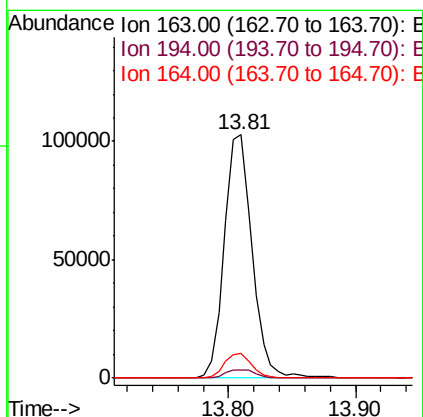
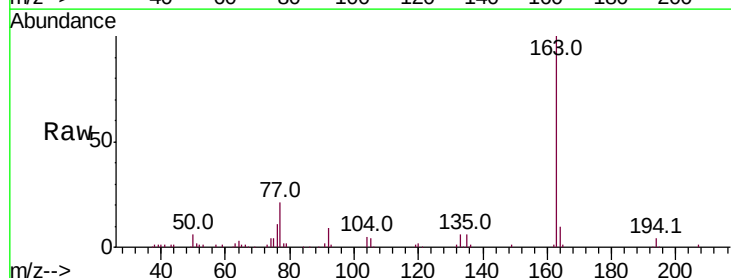
Instrument :
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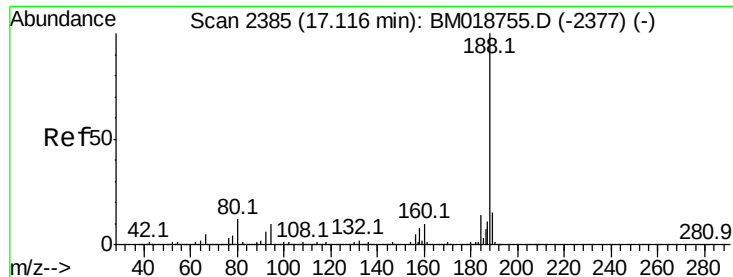
Tot Ion:172 Resp: 2309573
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.0 18.6 28.0



#50
Dimethylphthalate
Concen: 3.133 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

Tgt Ion:163 Resp: 156052
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.2 7.8 11.8

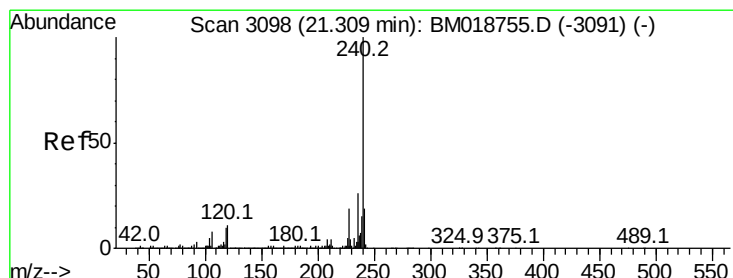
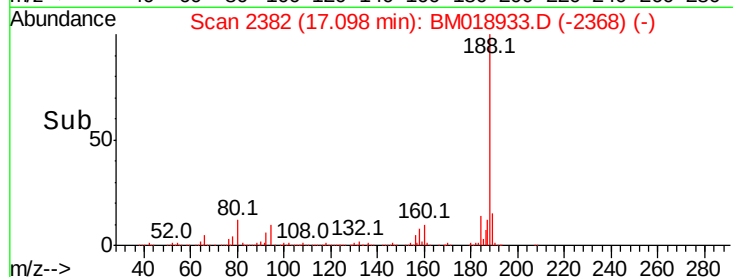
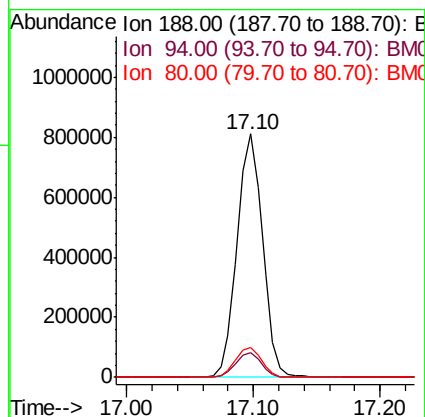
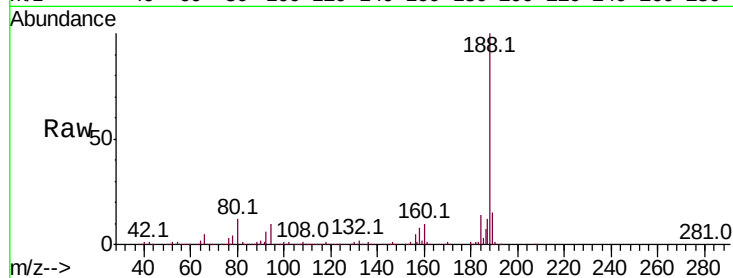




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

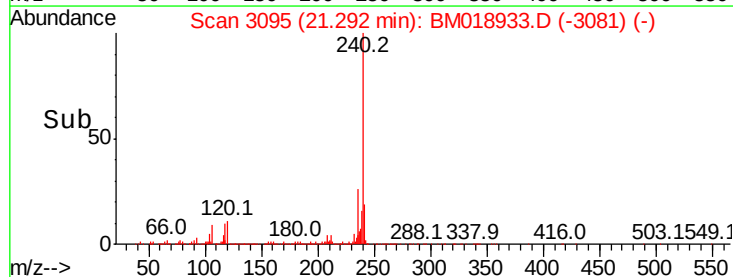
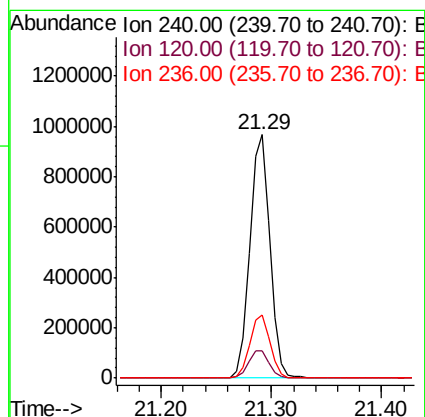
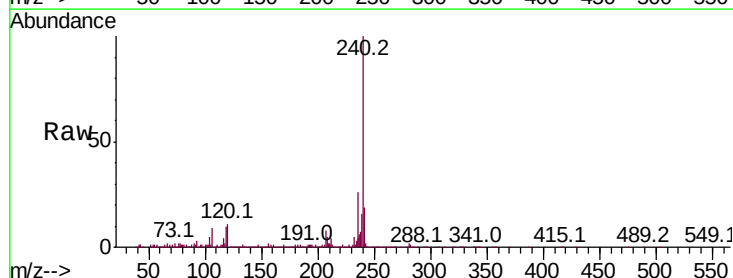
Instrument :
BNA_M
ClientSampled :
SB-03

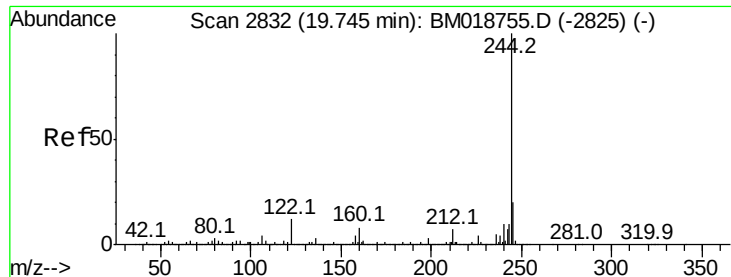
Tot Ion:188 Resp: 1131410
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018933.D
Acq: 26 Feb 2019 17:22

Tgt Ion:240 Resp: 1238686
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 41.769 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

Instrument :

BNA_M

ClientSampled :

SB-03

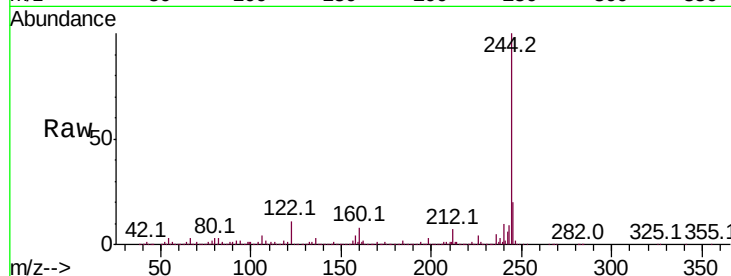
Tot Ion:244 Resp: 2508044

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

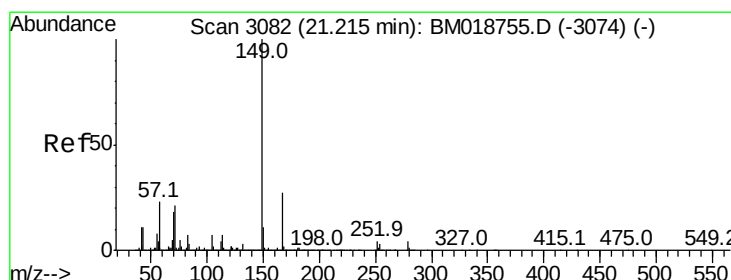
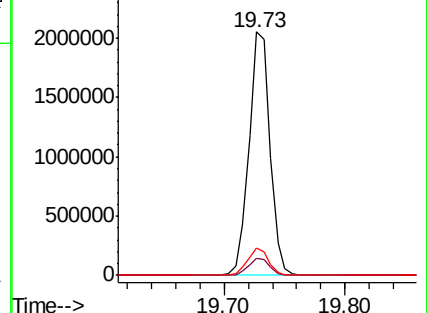
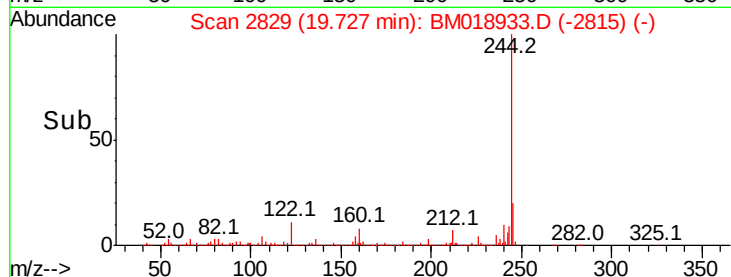
122 11.4 9.3 13.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.638 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018933.D

Acq: 26 Feb 2019 17:22

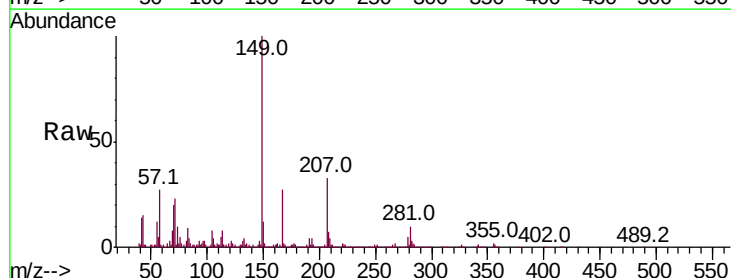
Tgt Ion:149 Resp: 222583

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

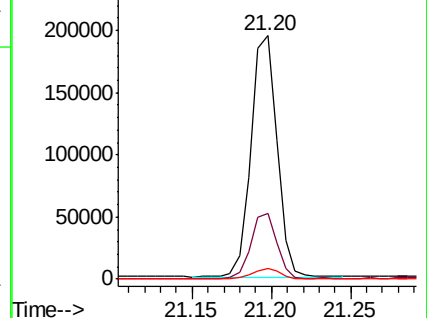
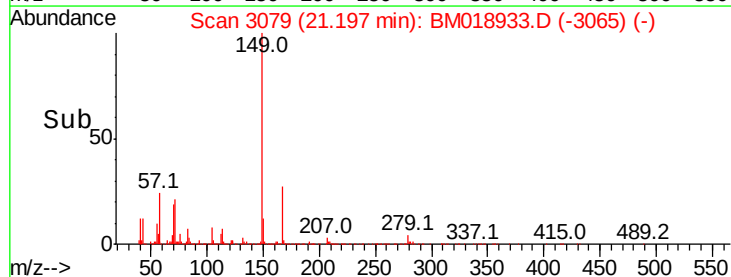
279 4.6 3.6 5.4

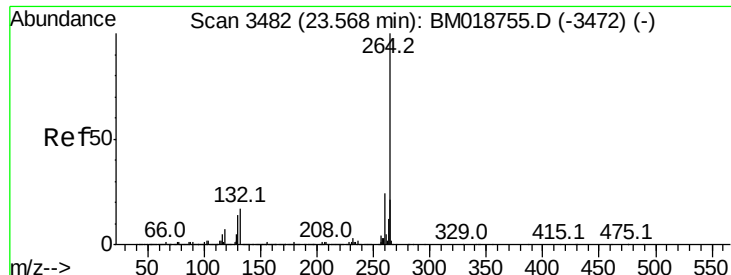


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018933.D
 Acq: 26 Feb 2019 17:22

Instrument :
 BNA_M
 ClientSampleId :
 SB-03

Tot Ion:264 Resp: 1410690

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.8	17.3	25.9

