

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018932.D
 Acq On : 26 Feb 2019 16:46
 Operator : JU/SJ
 Sample : K1620-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02

Quant Time: Feb 27 00:03:21 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

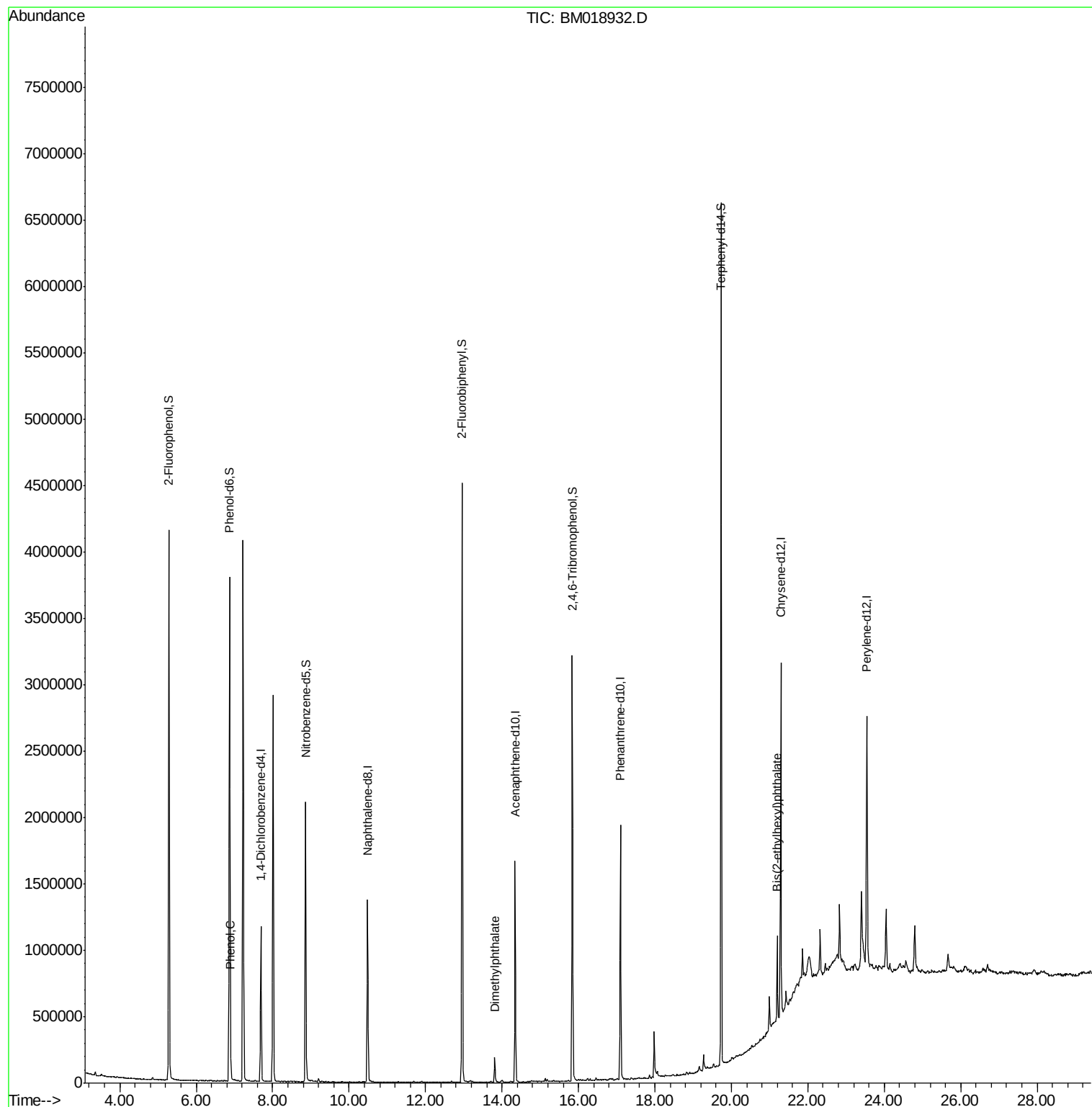
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	297299	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1088223	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	524371	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1047228	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1139009	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1284075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1635154	90.12	ng	-0.02
7) Phenol-d6	6.87	99	2150594	84.13	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1365308	58.01	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	576661	76.29	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2191936	55.49	ng	-0.02
79) Terphenyl-d14	19.73	244	2728026	49.41	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	5176	Below Cal		Qvalue # 12
10) Phenol	6.90	94	76345	2.839	ng	93
50) Dimethylphthalate	13.81	163	129536	2.964	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	210839	4.778	ng	99

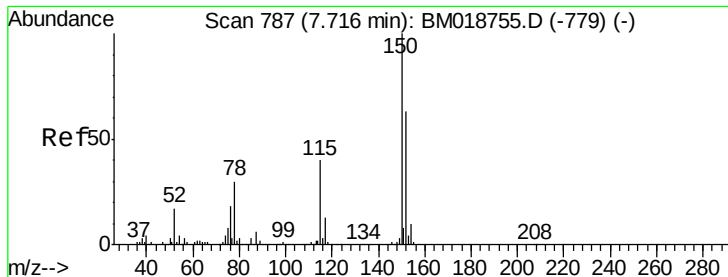
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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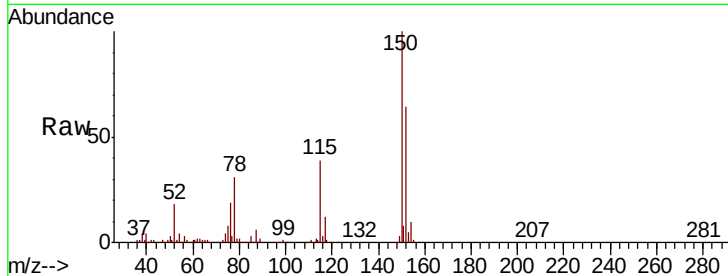


#1

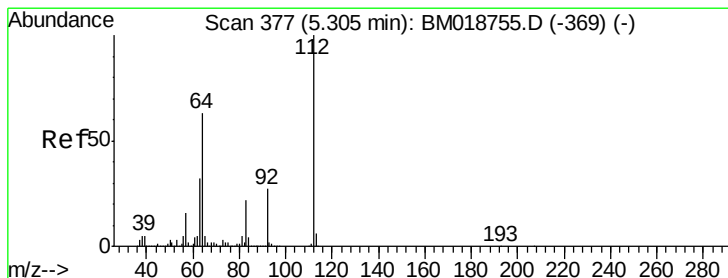
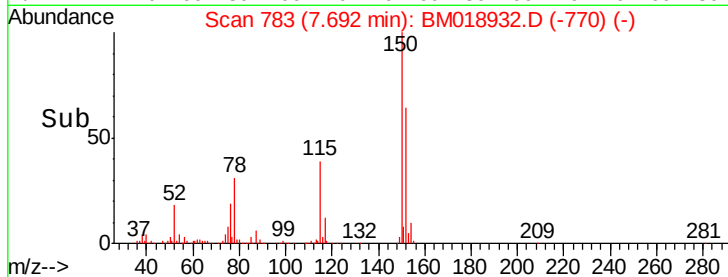
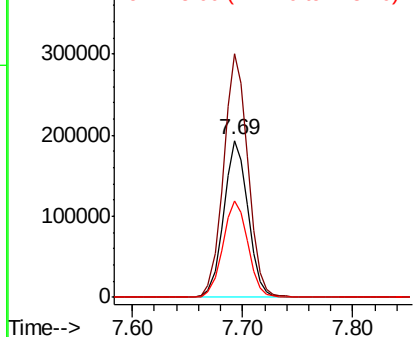
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Instrument :
BNA_M
ClientSampleId :
SB-02

Tgt Ion:152 Resp: 297299
Ion Ratio Lower Upper
152 100
150 155.2 127.3 190.9
115 61.2 50.8 76.2



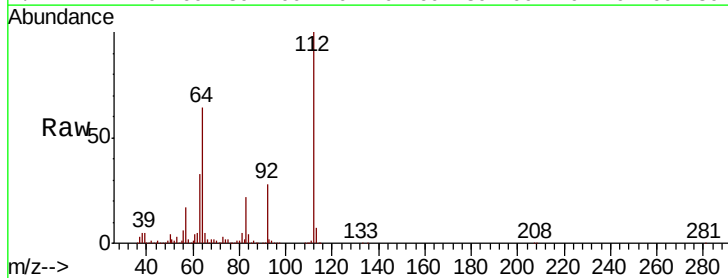
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



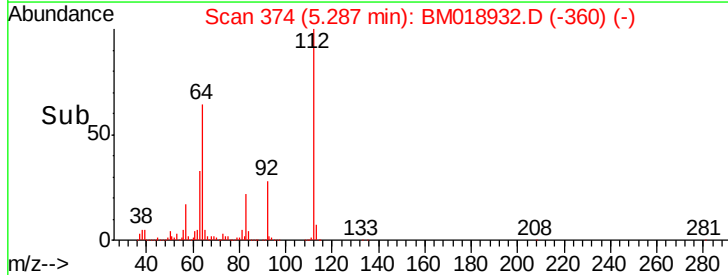
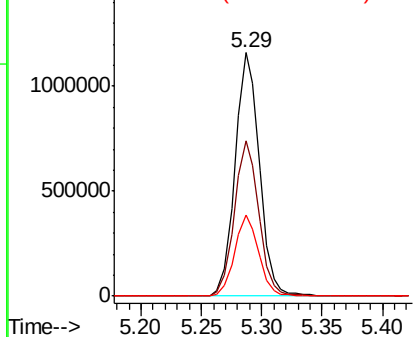
#5

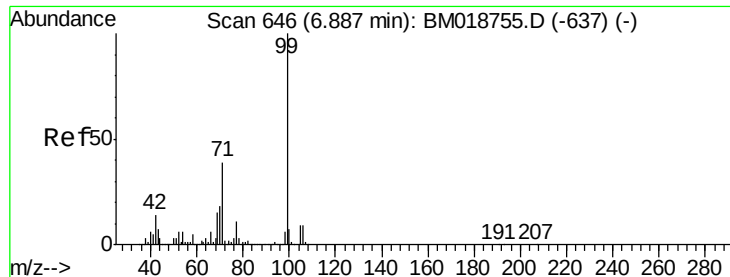
2-Fluorophenol
Concen: 90.117 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Tgt Ion:112 Resp: 1635154
Ion Ratio Lower Upper
112 100
64 63.7 50.6 75.8
63 33.1 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: 84.134 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018932.D

Acq: 26 Feb 2019 16:46

Instrument :

BNA_M

ClientSampleId :

SB-02

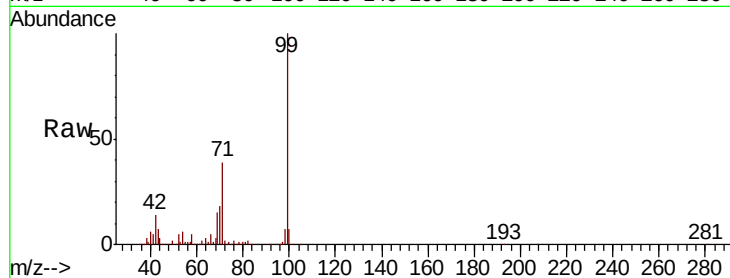
Tgt Ion: 99 Resp: 2150594

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

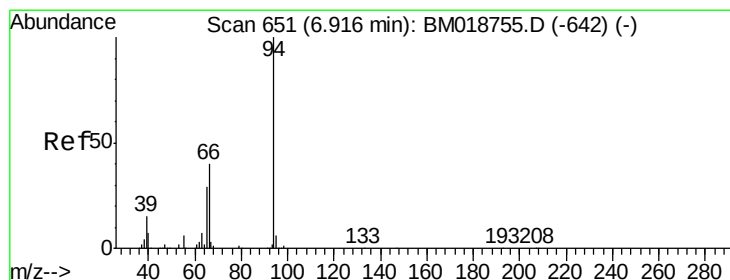
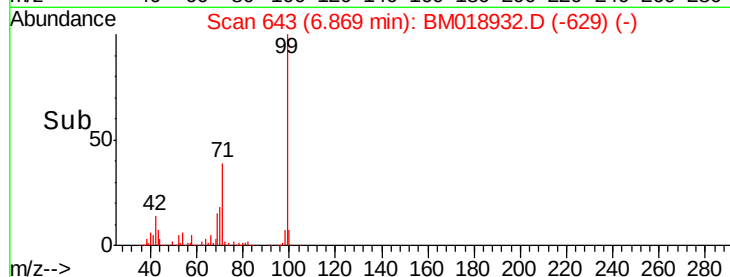
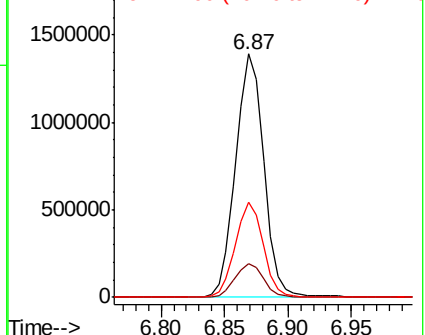
71 38.8 31.3 46.9



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: 2.839 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018932.D

Acq: 26 Feb 2019 16:46

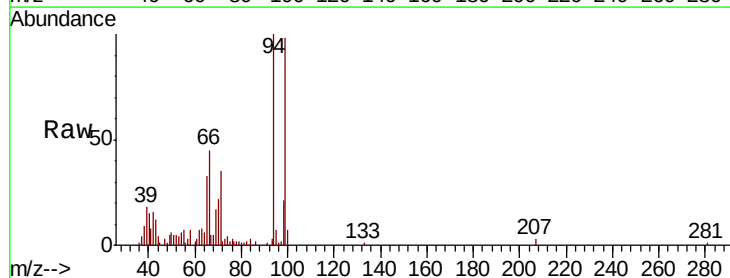
Tgt Ion: 94 Resp: 76345

Ion Ratio Lower Upper

94 100

65 33.1 9.6 49.6

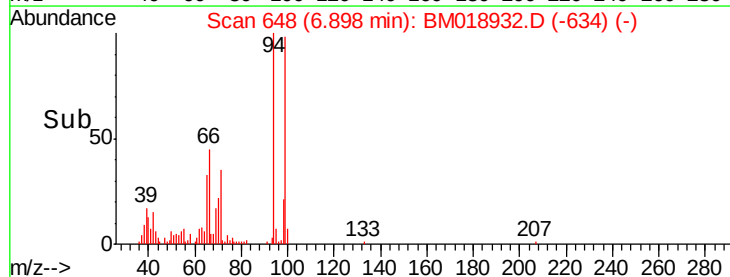
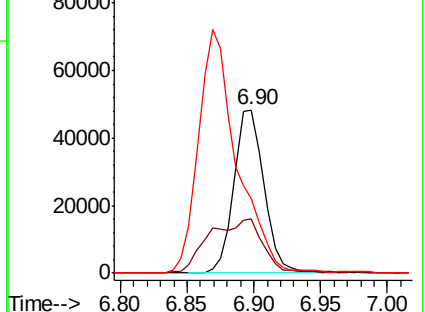
66 45.4 20.4 60.4

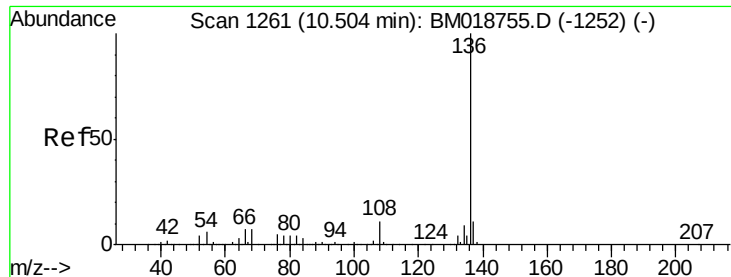


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

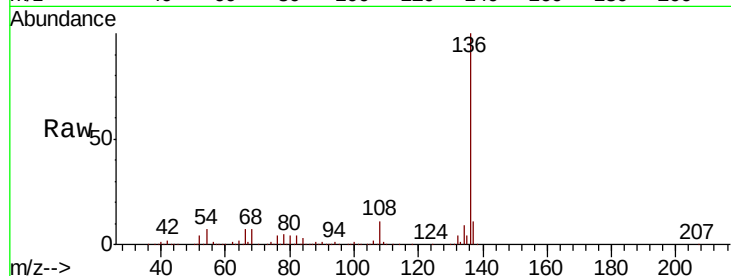




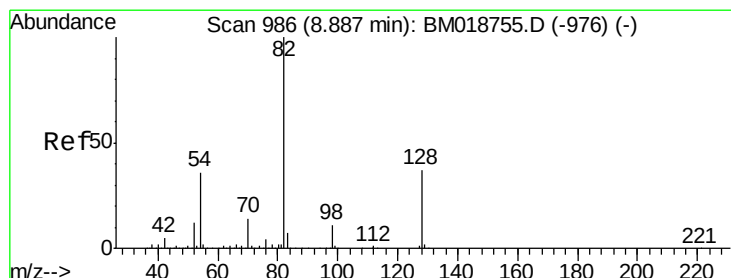
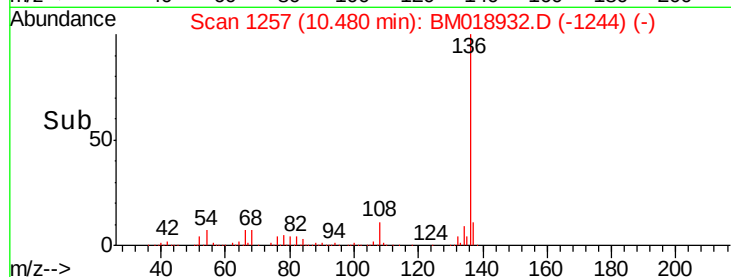
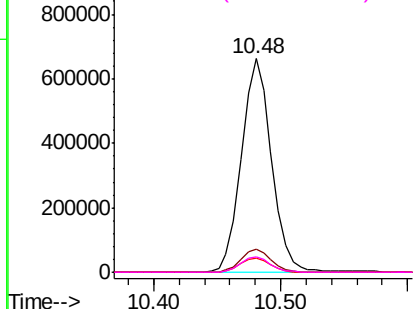
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Instrument :
BNA_M
ClientSampleId :
SB-02

Tgt Ion:136 Resp: 1088223
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.0 7.6
68 7.3 5.5 8.3

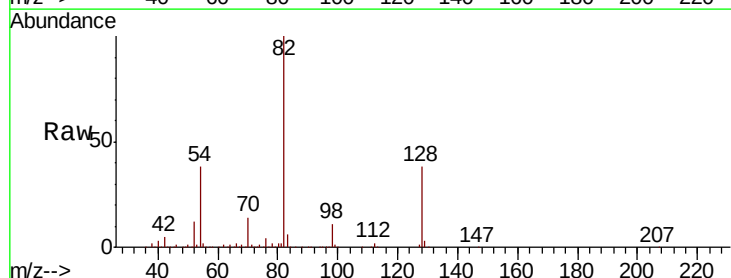


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

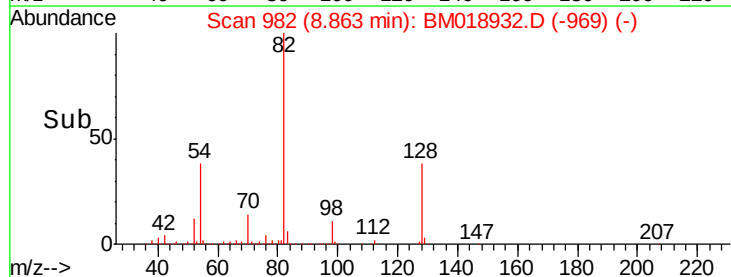
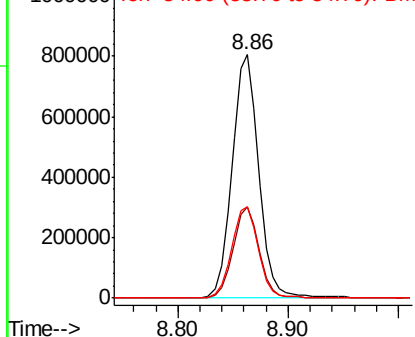


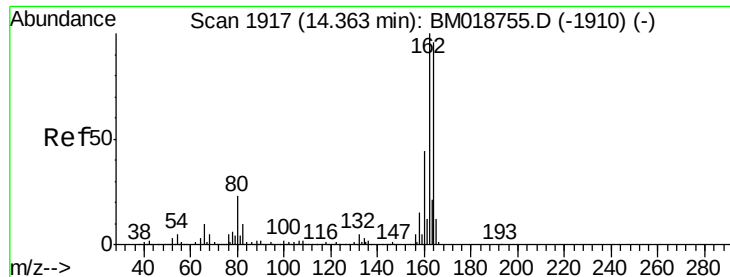
#23
Nitrobenzene-d5
Concen: 58.012 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Tgt Ion: 82 Resp: 1365308
Ion Ratio Lower Upper
82 100
128 37.6 29.9 44.9
54 37.5 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: BM018932.D

Acq: 26 Feb 2019 16:46

Instrument :

BNA_M

ClientSampleId :

SB-02

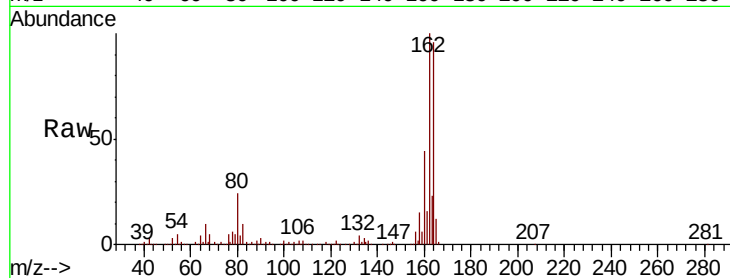
Tgt Ion:164 Resp: 524371

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

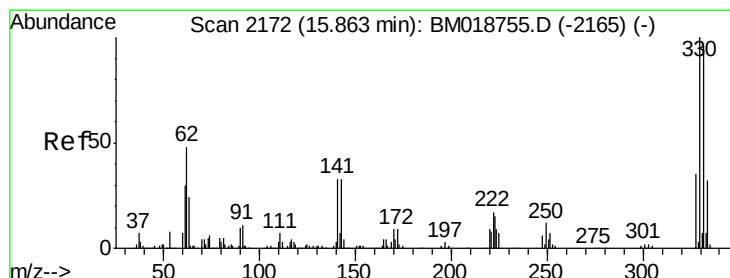
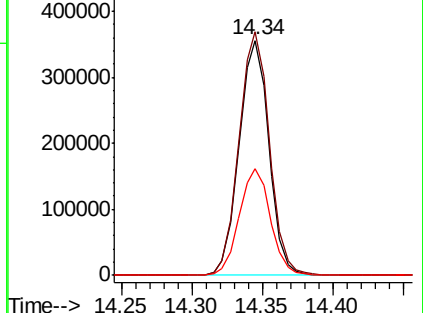
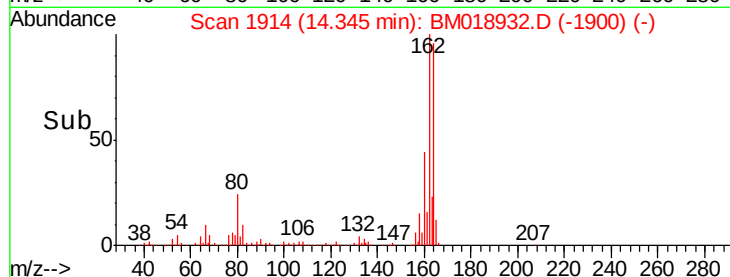
160 45.6 36.6 55.0



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: 76.291 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018932.D

Acq: 26 Feb 2019 16:46

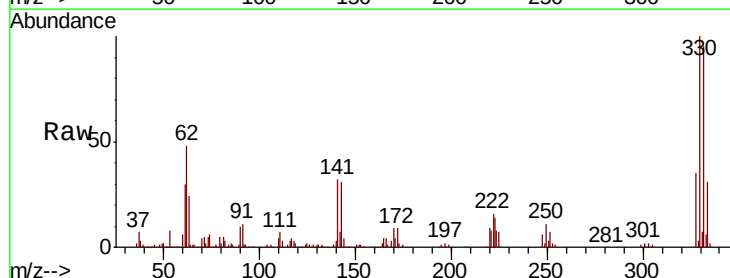
Tgt Ion:330 Resp: 576661

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

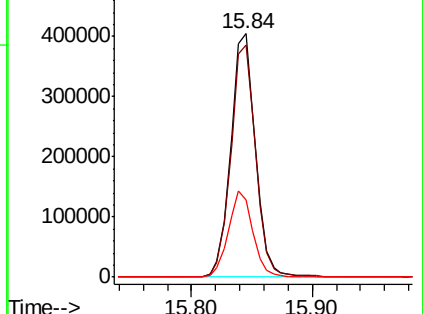
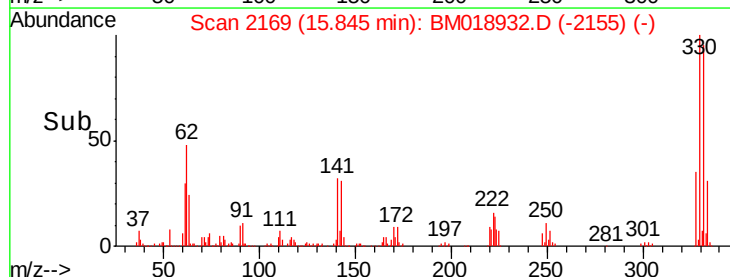
141 35.0 28.7 43.1

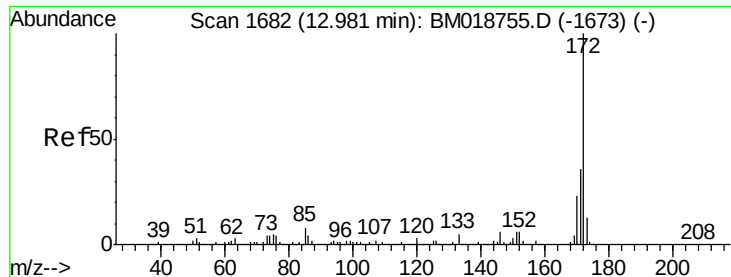


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

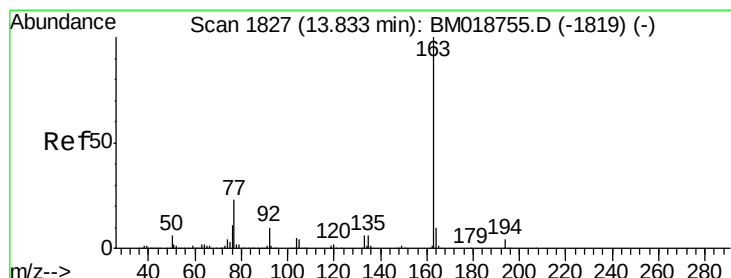
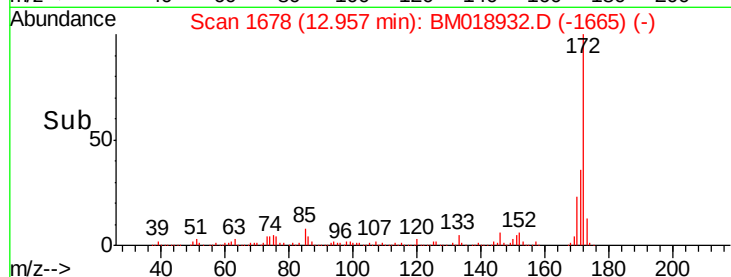
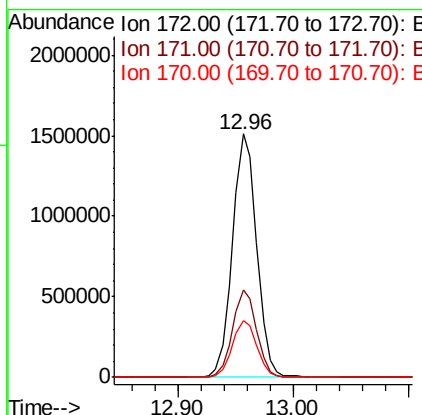
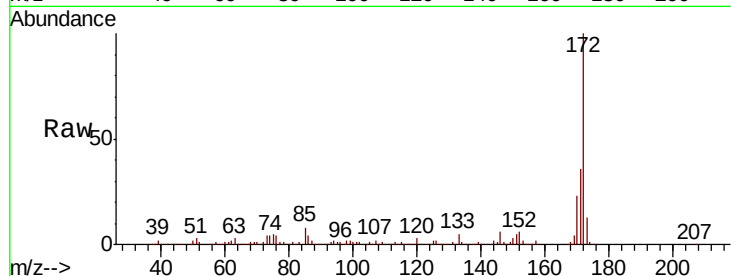




#45
2-Fluorobiphenyl
Concen: 55.490 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

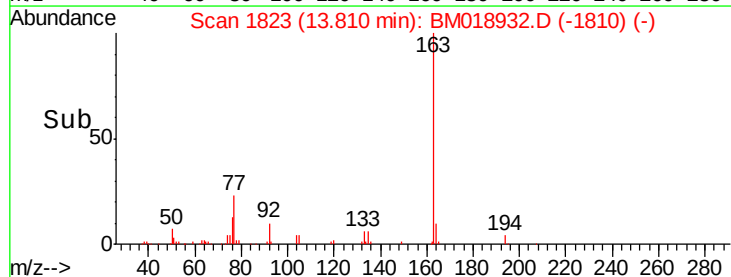
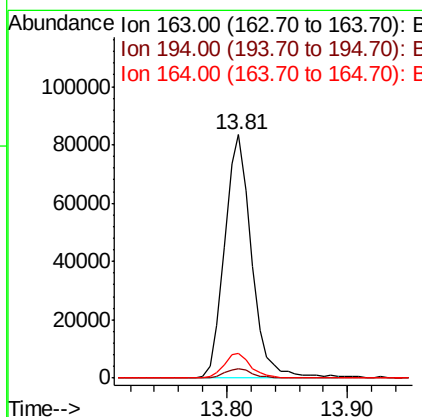
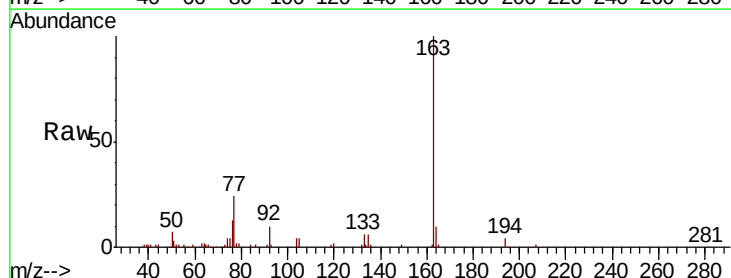
Instrument :
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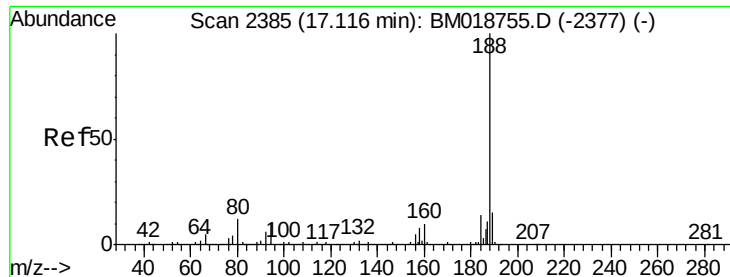
Tgt Ion:172 Resp: 2191936
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.3 18.6 28.0



#50
Dimethylphthalate
Concen: 2.964 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Tgt Ion:163 Resp: 129536
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.8 11.8

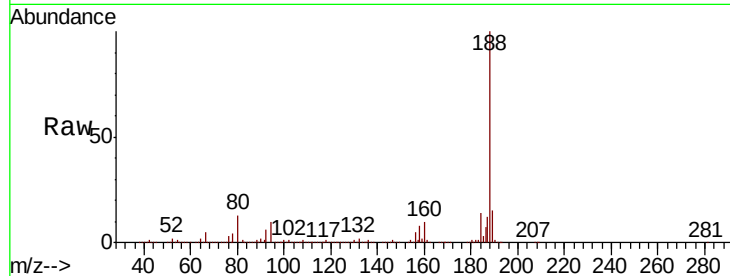




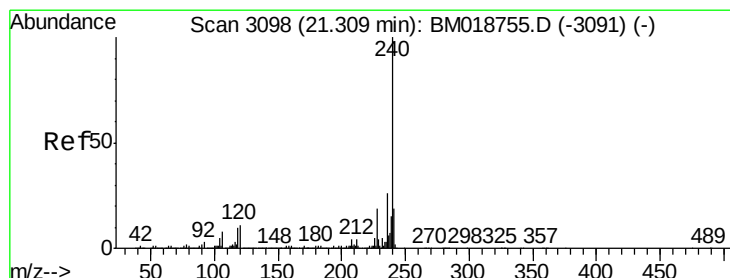
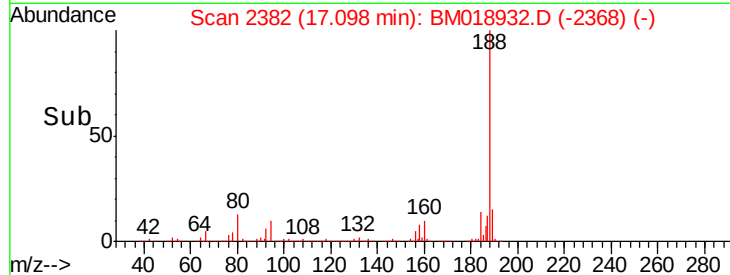
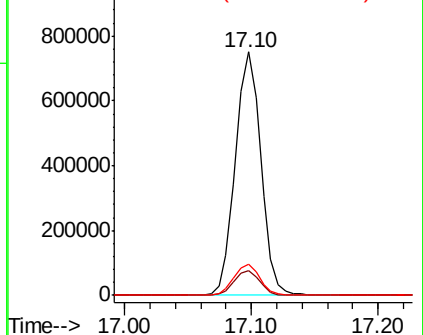
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Instrument :
BNA_M
ClientSampleId :
SB-02

Tgt Ion:188 Resp: 1047228
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 12.8 9.7 14.5

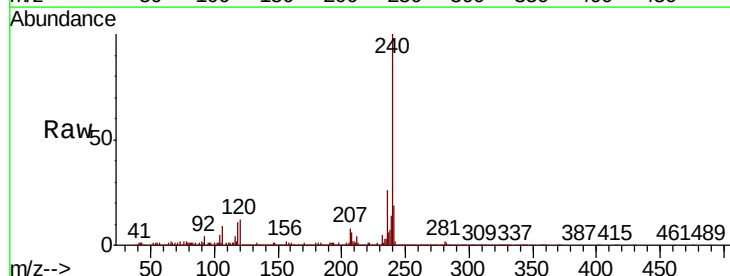


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

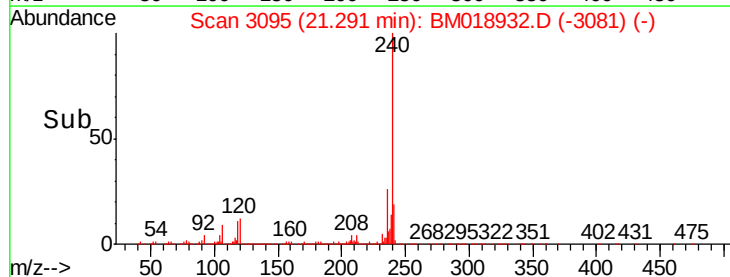
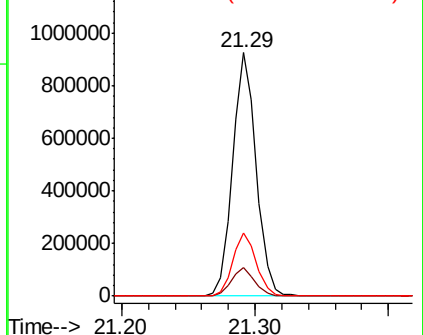


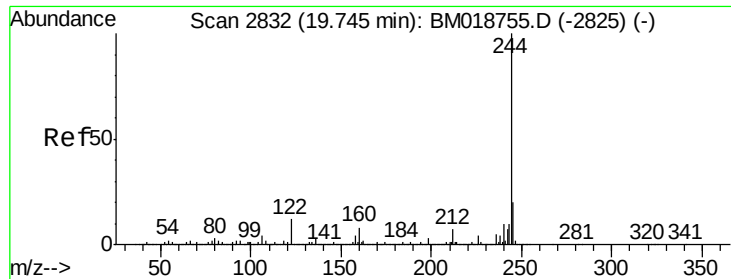
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Tgt Ion:240 Resp: 1139009
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.1 20.9 31.3



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: 49.408 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018932.D

Acq: 26 Feb 2019 16:46

Instrument :

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ClientSampleId :

SB-02

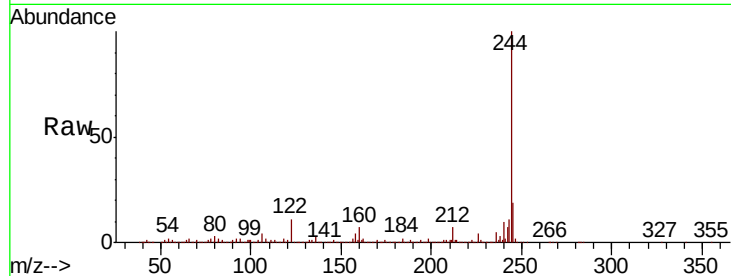
Tgt Ion:244 Resp: 2728026

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

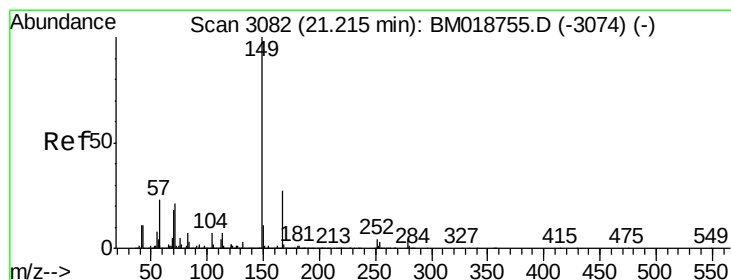
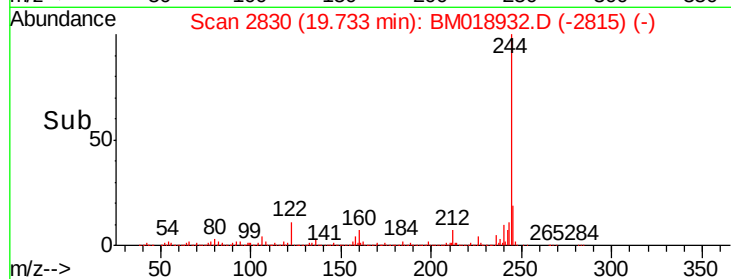
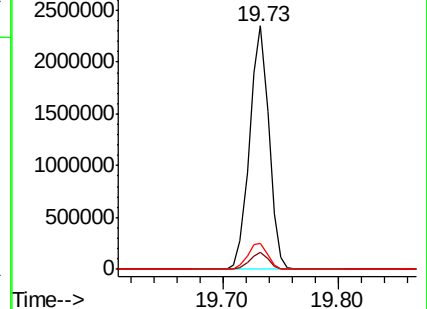
122 10.9 9.3 13.9



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: 4.778 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018932.D

Acq: 26 Feb 2019 16:46

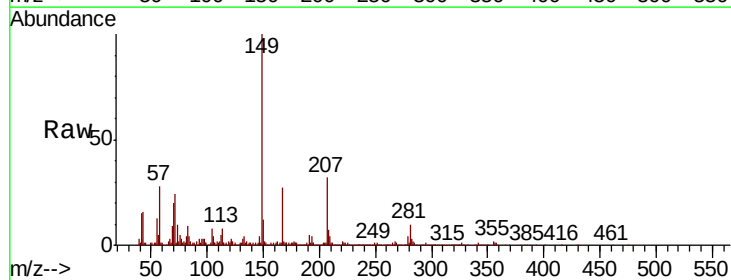
Tgt Ion:149 Resp: 210839

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.6

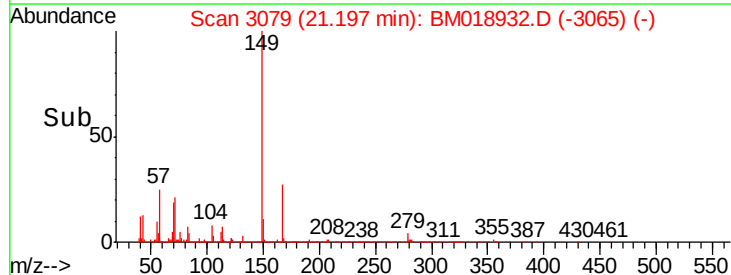
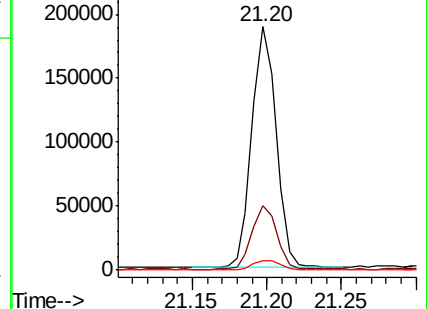
279 4.0 3.6 5.4

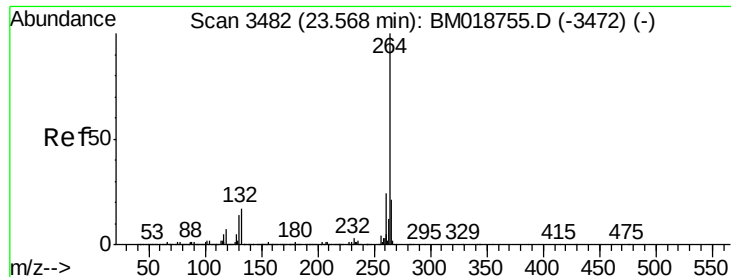


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018932.D
Acq: 26 Feb 2019 16:46

Instrument :
BNA_M
ClientSampleId :
SB-02

Tgt Ion: 264 Resp: 1284075

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.2	17.3	25.9

