

Data File : BM018617.D
Acq On : 17 Jan 2019 16:59
Operator : JU/SJ
Sample : K1139-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-5

Quant Time: Jan 18 04:43:34 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

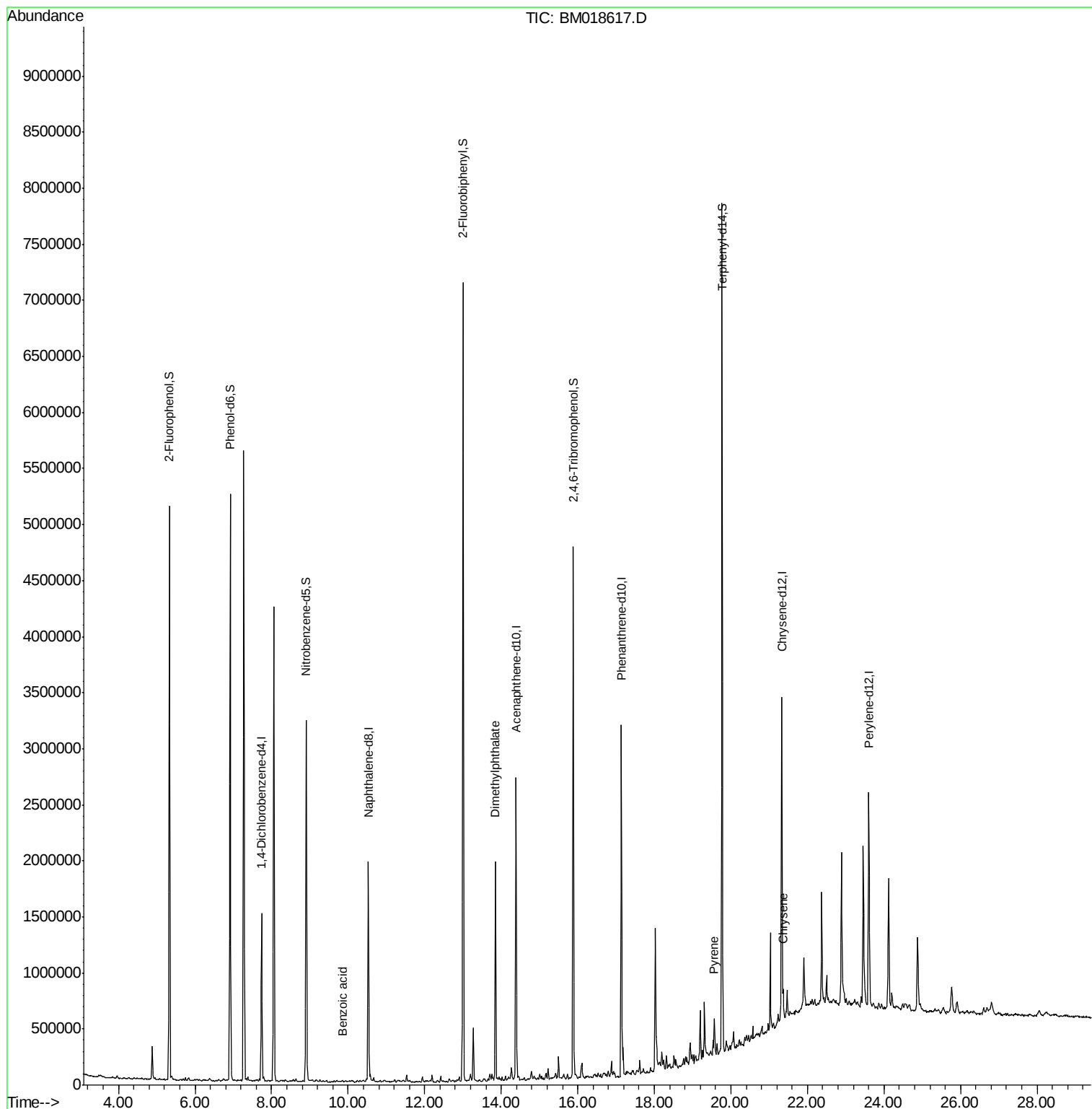
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	402155	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1618225	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	891116	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1814954	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1386540	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1331073	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2170588	99.66	ng	-0.02
7) Phenol-d6	6.92	99	2854832	103.20	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1815993	65.06	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	823980	72.62	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3601825	52.74	ng	-0.02
79) Terphenyl-d14	19.77	244	3557896	54.09	ng	-0.02
Target Compounds						
32) Benzoic acid	9.86	122	120	6.510	ng	Qvalue # 61
50) Dimethylphthalate	13.85	163	1210950	16.546	ng	99
78) Pyrene	19.56	202	197773	2.406	ng	98
83) Chrysene	21.37	228	159662	2.024	ng	96

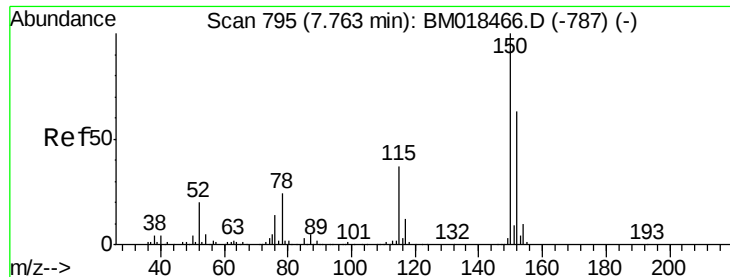
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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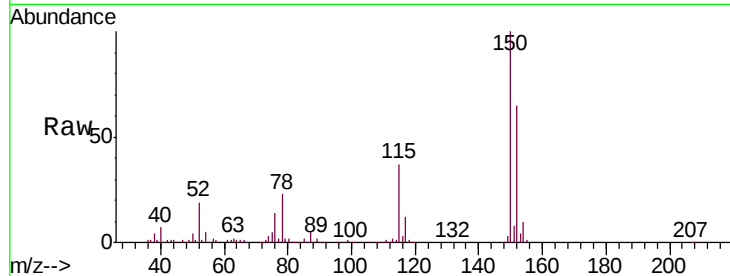


#1

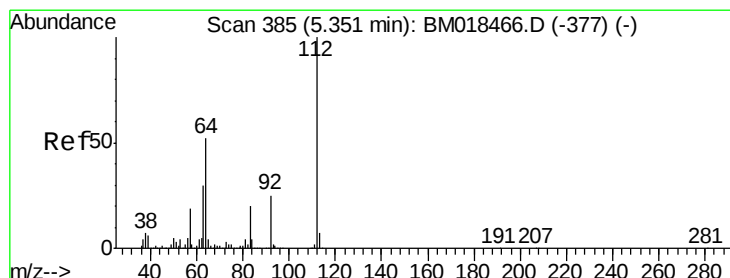
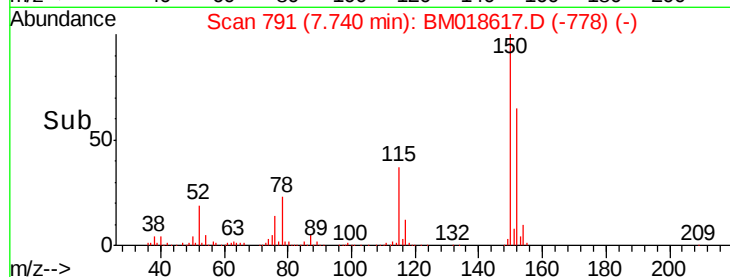
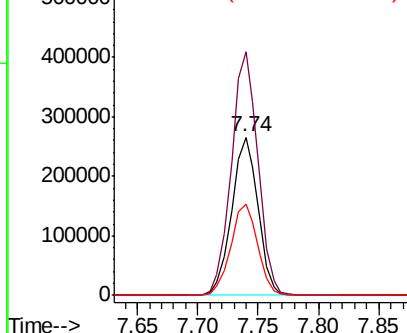
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_M
ClientSampled :
S-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.9	190.3
115	57.7	45.5	68.3



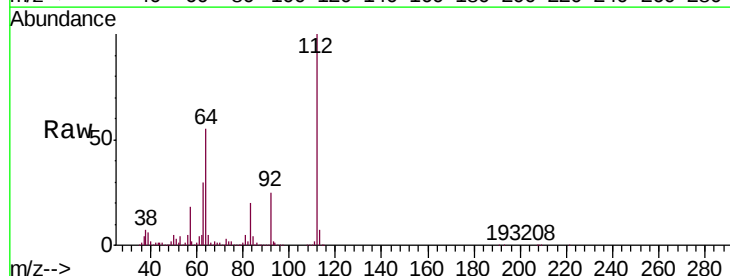
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



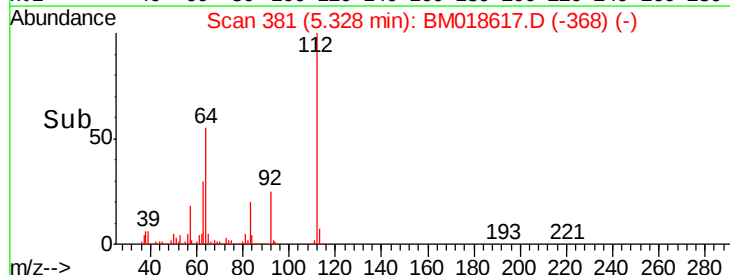
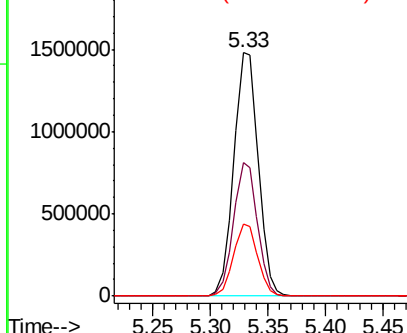
#5

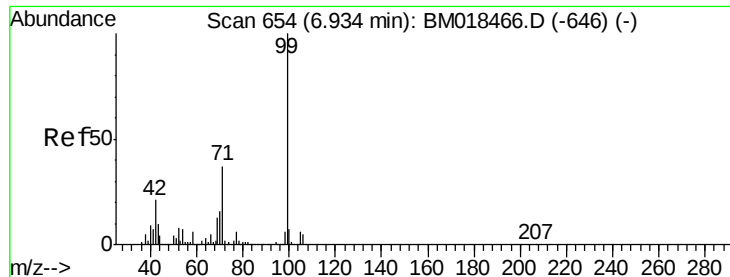
2-Fluorophenol
Concen: 99.662 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.5	69.7
63	29.5	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: 103.202 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_M

ClientSampleId :

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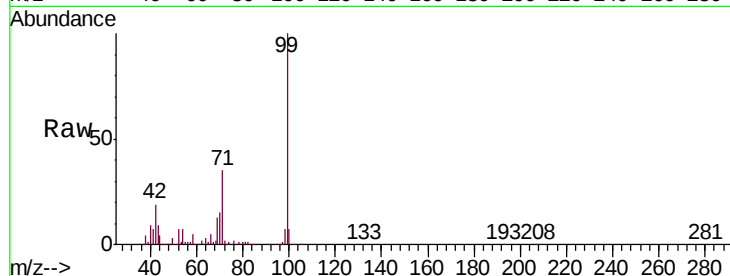
Tgt Ion: 99 Resp: 2854832

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

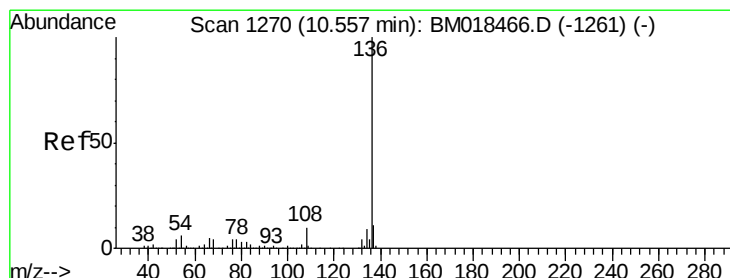
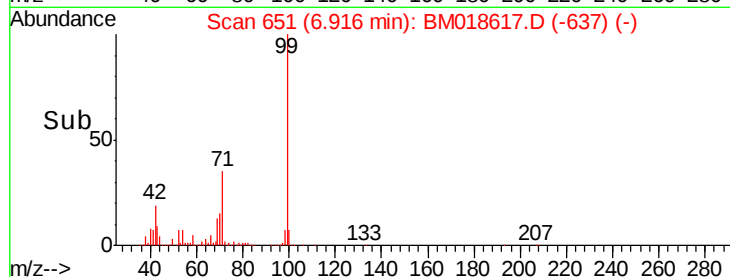
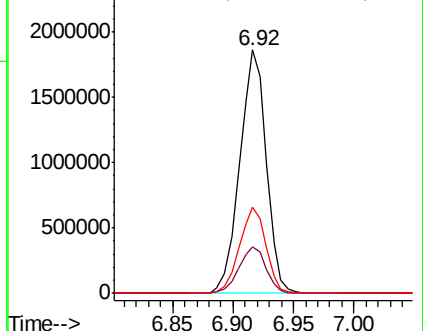
71 35.5 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Tgt Ion: 136 Resp: 1618225

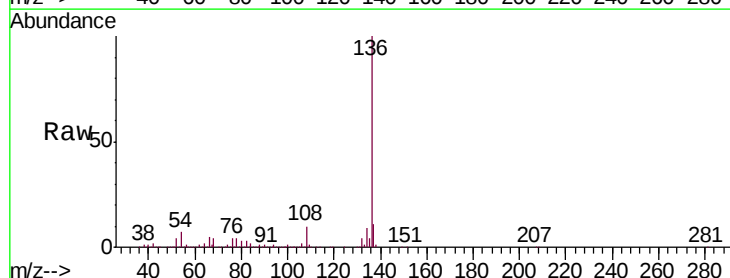
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 6.0 9.0

68 4.4 4.5 6.7#

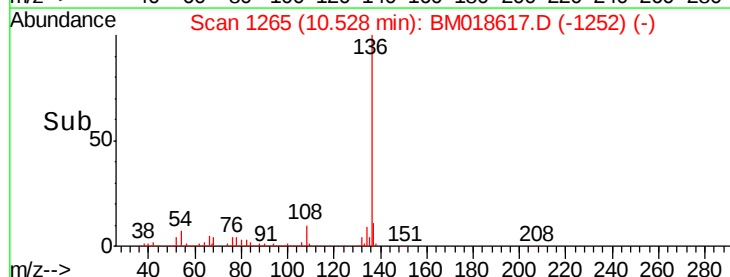
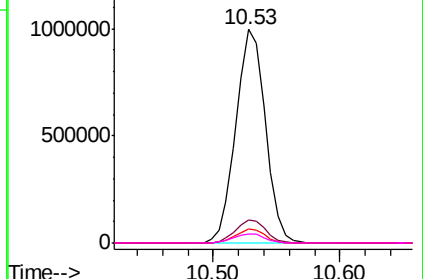


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 65.056 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Instrument :

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ClientSampleId :

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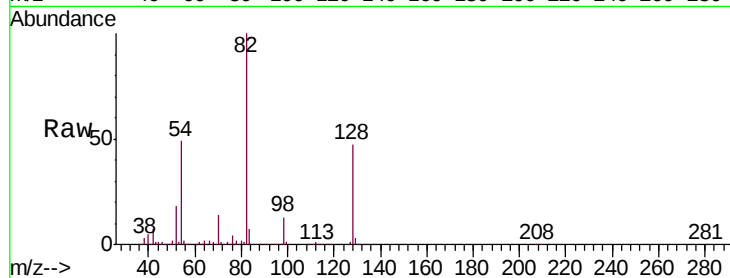
Tgt Ion: 82 Resp: 1815993

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

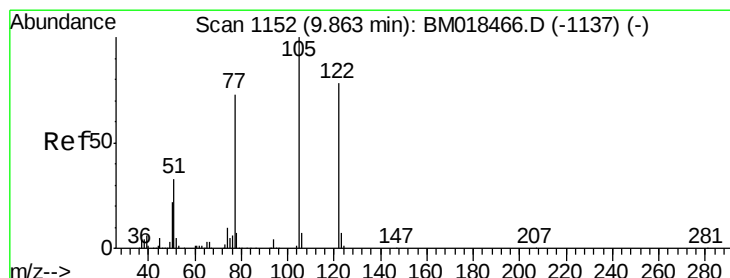
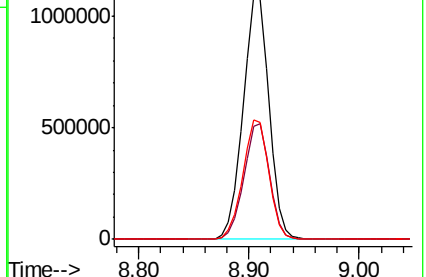
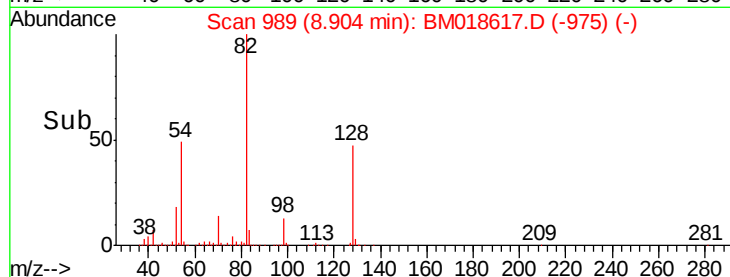
54 48.9 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#32

Benzoic acid

Concen: 6.510 ng

RT: 9.86 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

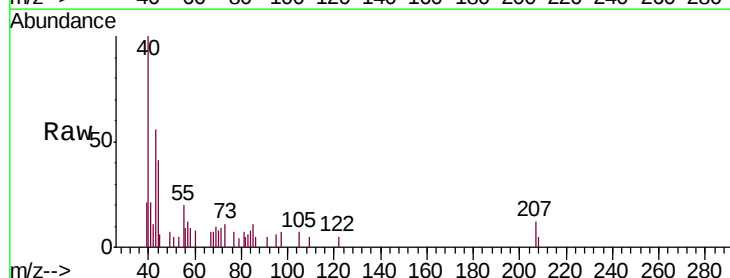
Tgt Ion: 122 Resp: 120

Ion Ratio Lower Upper

122 100

105 151.3 100.4 140.4#

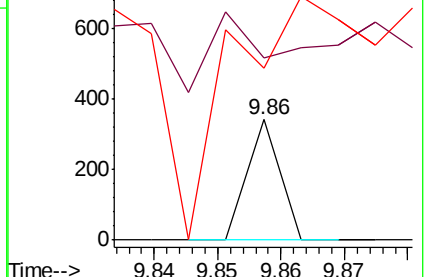
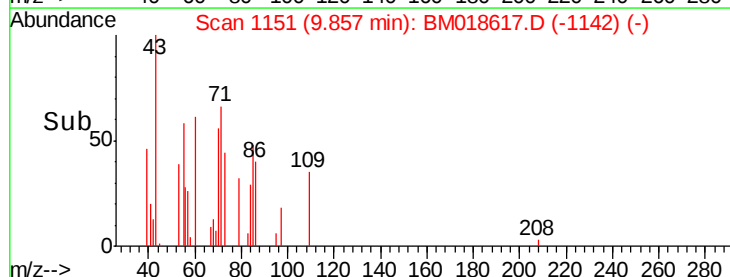
77 143.4 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): BM018466.D (-1137) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-1137) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-1137) (-)

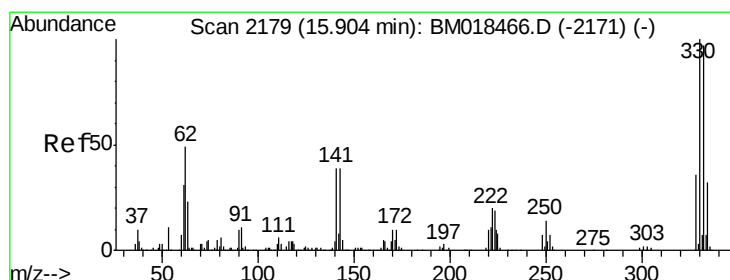
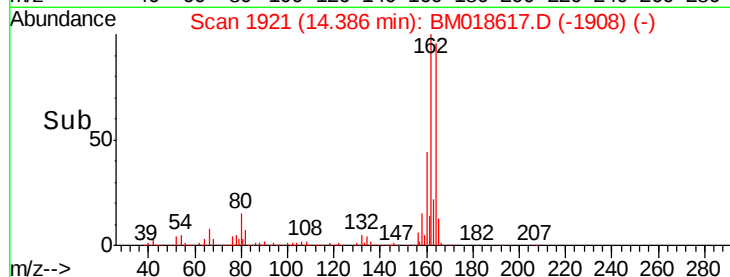
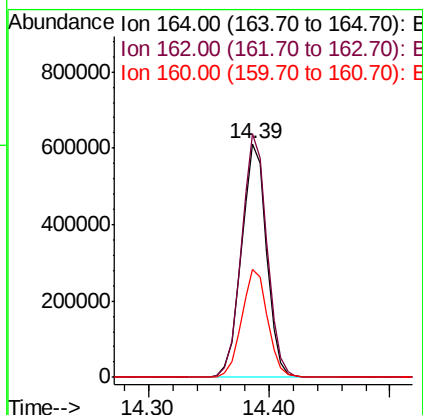
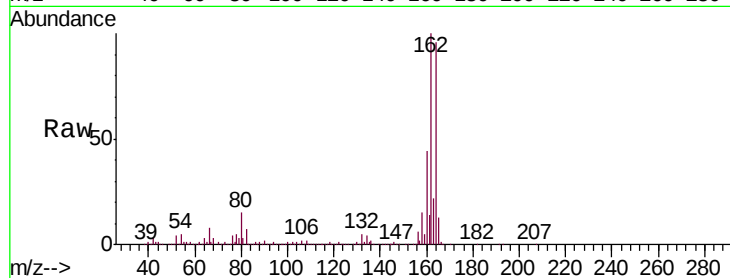




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

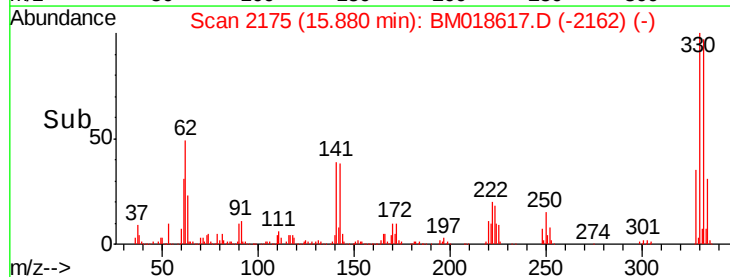
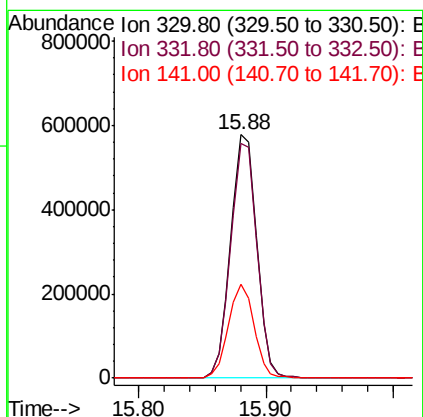
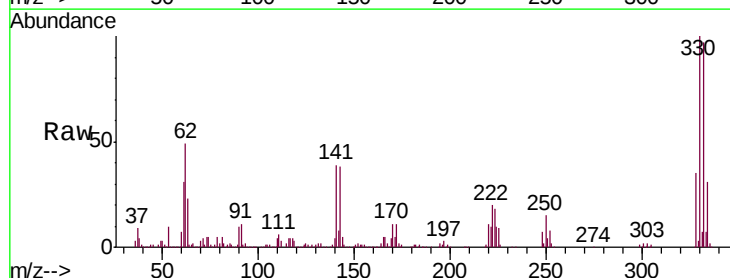
Instrument :
BNA_M
ClientSampleId :
S-5

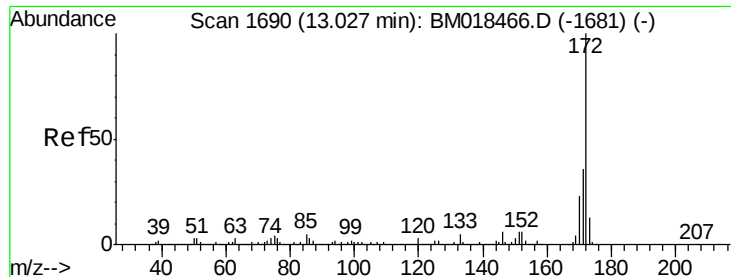
Tgt Ion:164 Resp: 891116
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.0 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 72.620 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Tgt Ion:330 Resp: 823980
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.5 31.7 47.5

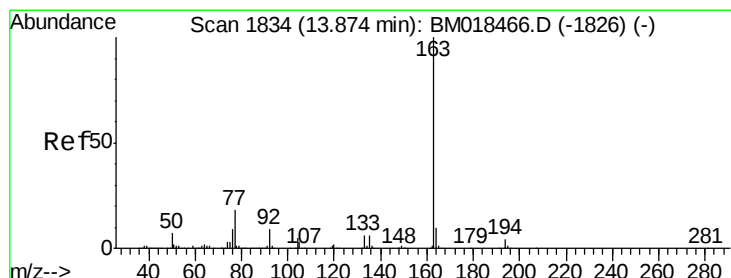
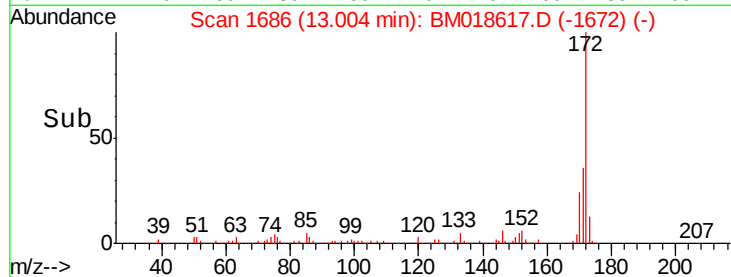
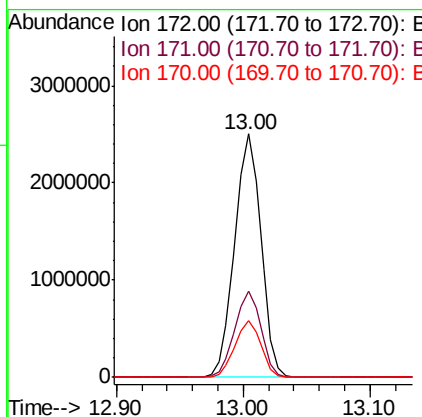
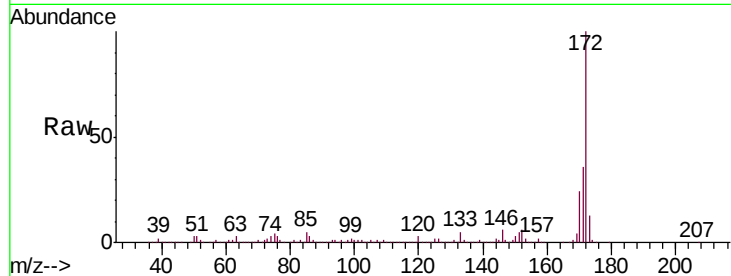




#45
 2-Fluorobiphenyl
 Concen: 52.742 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

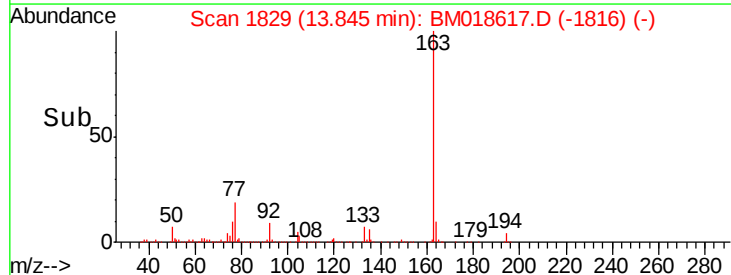
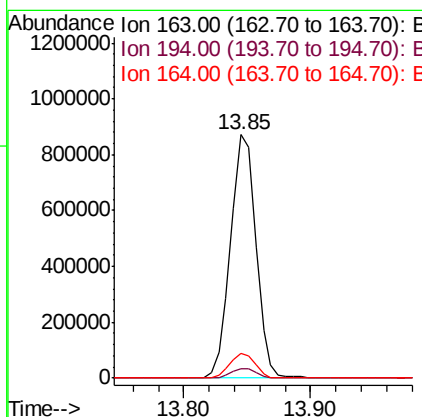
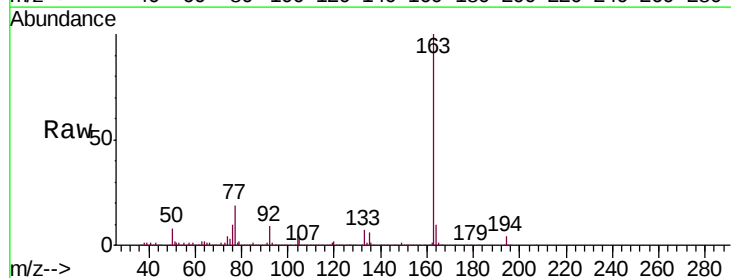
Instrument :
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 ClientSampleId :
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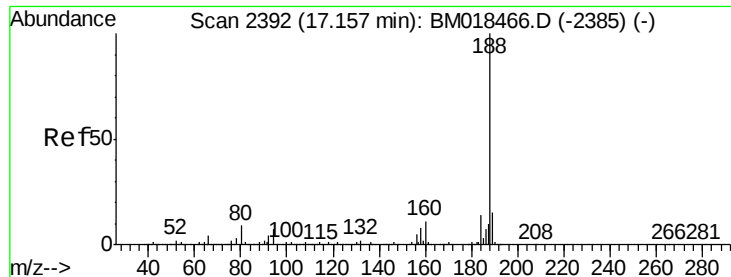
Tgt Ion:172 Resp: 3601825
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.6 18.9 28.3



#50
 Dimethylphthalate
 Concen: 16.546 ng
 RT: 13.85 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

Tgt Ion:163 Resp: 1210950
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 10.1 7.8 11.8

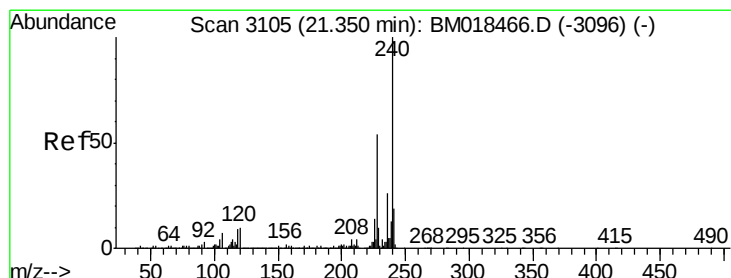
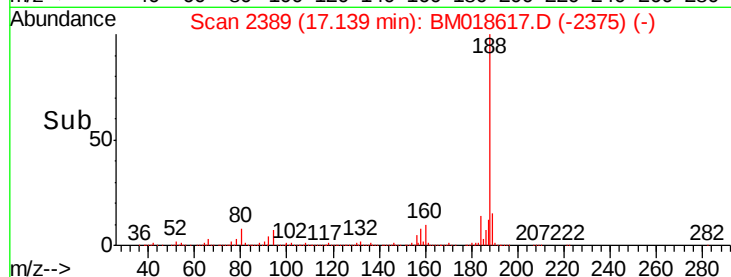
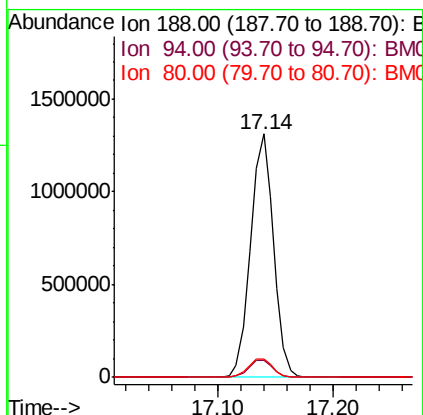
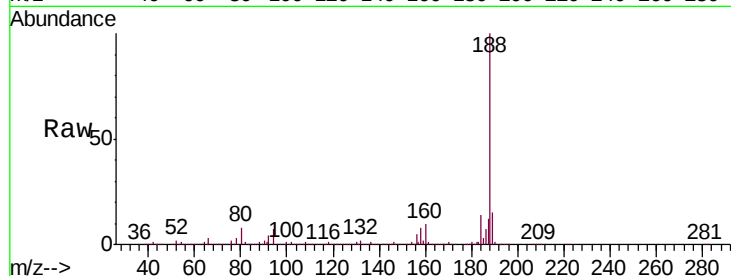




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

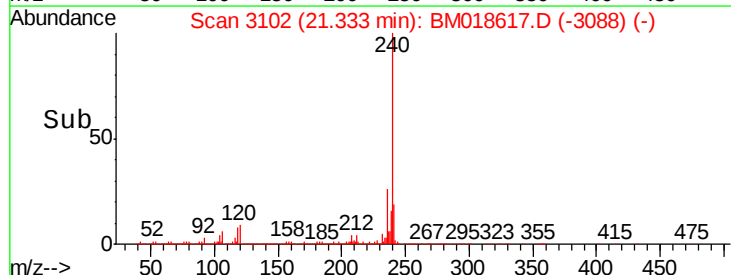
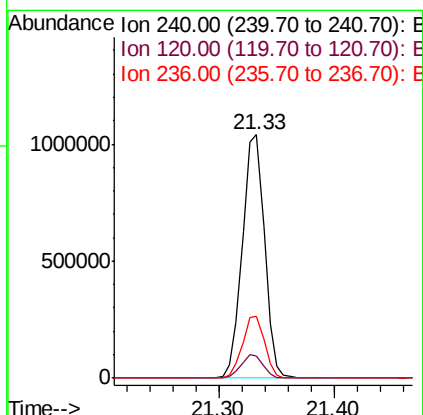
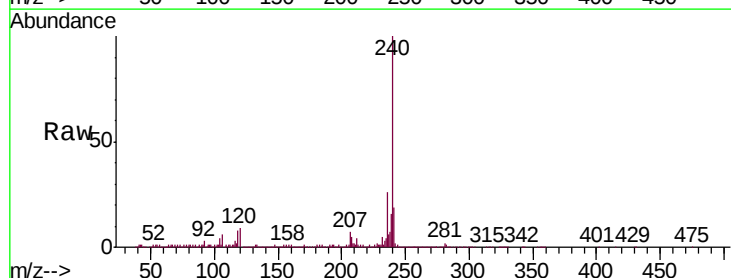
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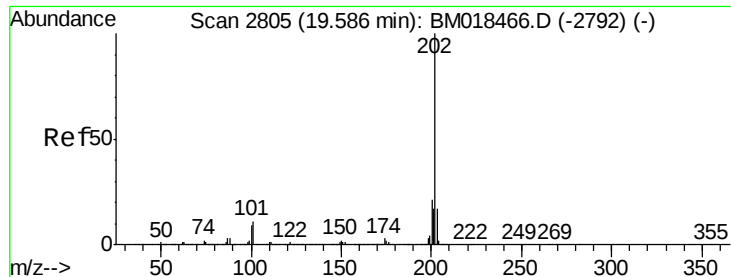
Tgt Ion:188 Resp: 1814954
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018617.D
Acq: 17 Jan 2019 16:59

Tgt Ion:240 Resp: 1386540
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.7 20.7 31.1

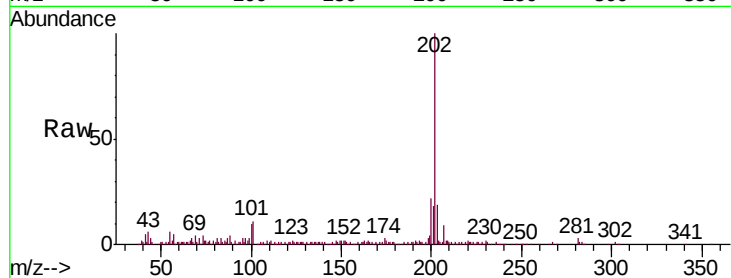




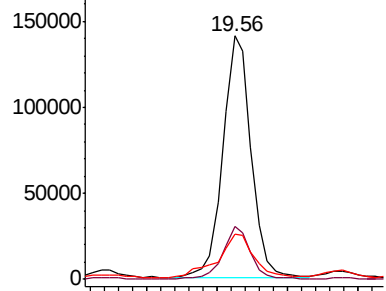
#78
 Pyrene
 Concen: 2.406 ng
 RT: 19.56 min Scan# 2801
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

Instrument :
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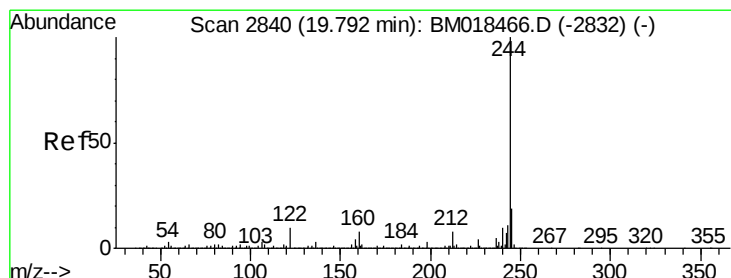
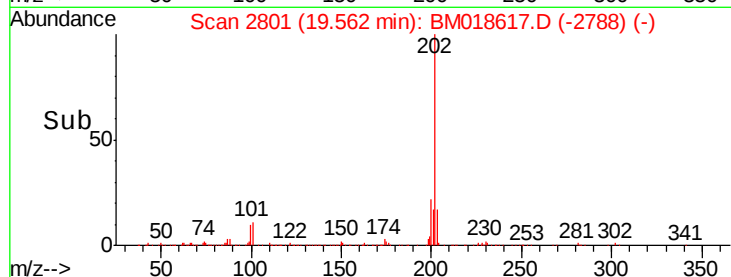
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	18.5	13.8	20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

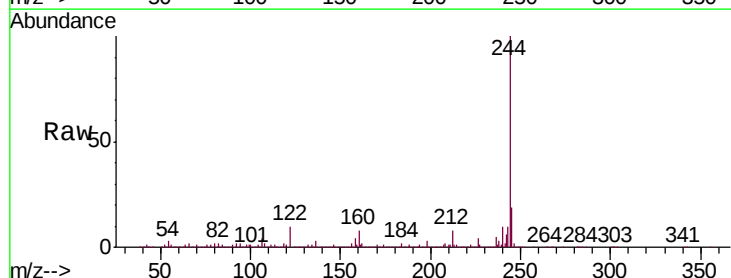


Time-->

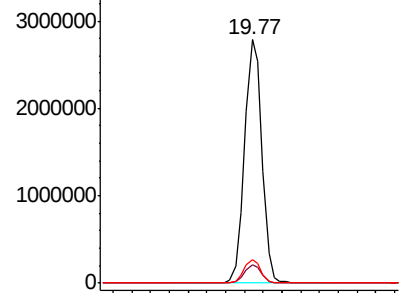


#79
 Terphenyl-d14
 Concen: 54.093 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM018617.D
 Acq: 17 Jan 2019 16:59

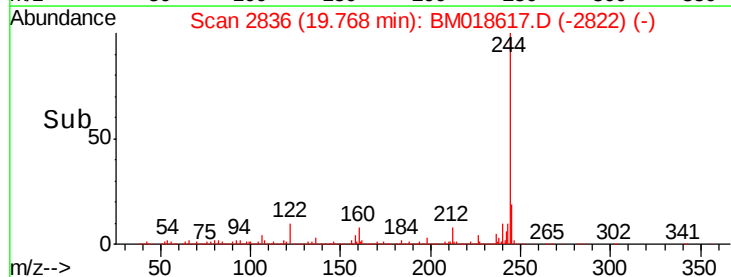
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.9	9.0	13.4

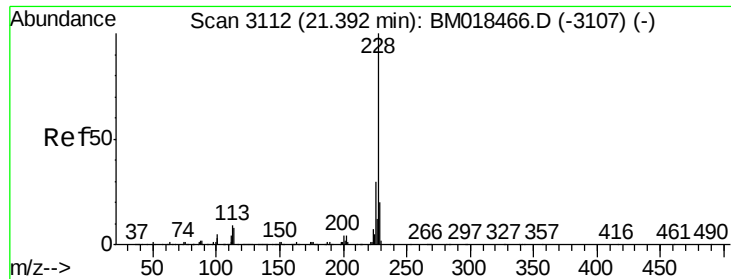


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->





#83

Chrysene

Concen: 2.024 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_M

ClientSampleId :

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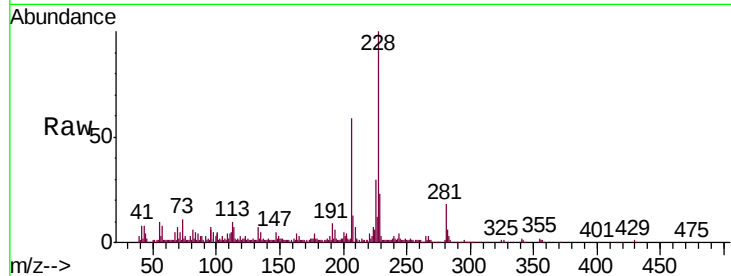
Tgt Ion:228 Resp: 159662

Ion Ratio Lower Upper

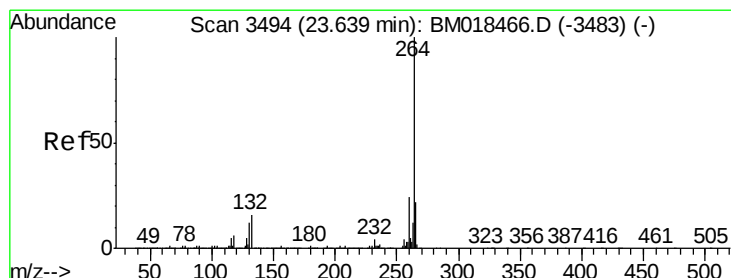
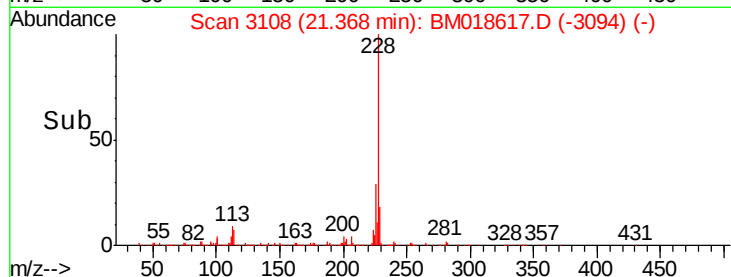
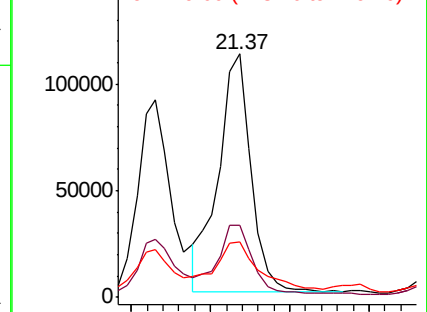
228 100

226 29.7 24.2 36.2

229 23.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018617.D

Acq: 17 Jan 2019 16:59

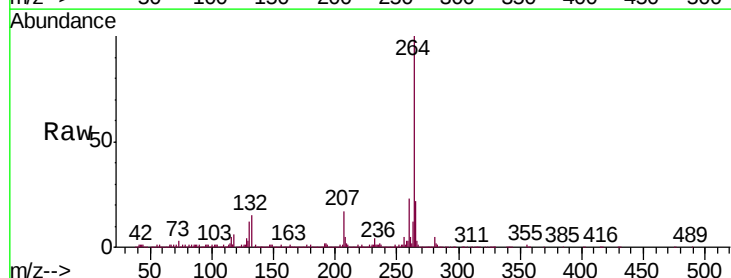
Tgt Ion:264 Resp: 1331073

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.3 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

