

Data File : BM018618.D
Acq On : 17 Jan 2019 17:35
Operator : JU/SJ
Sample : K1139-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-6

Quant Time: Jan 18 04:43:53 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

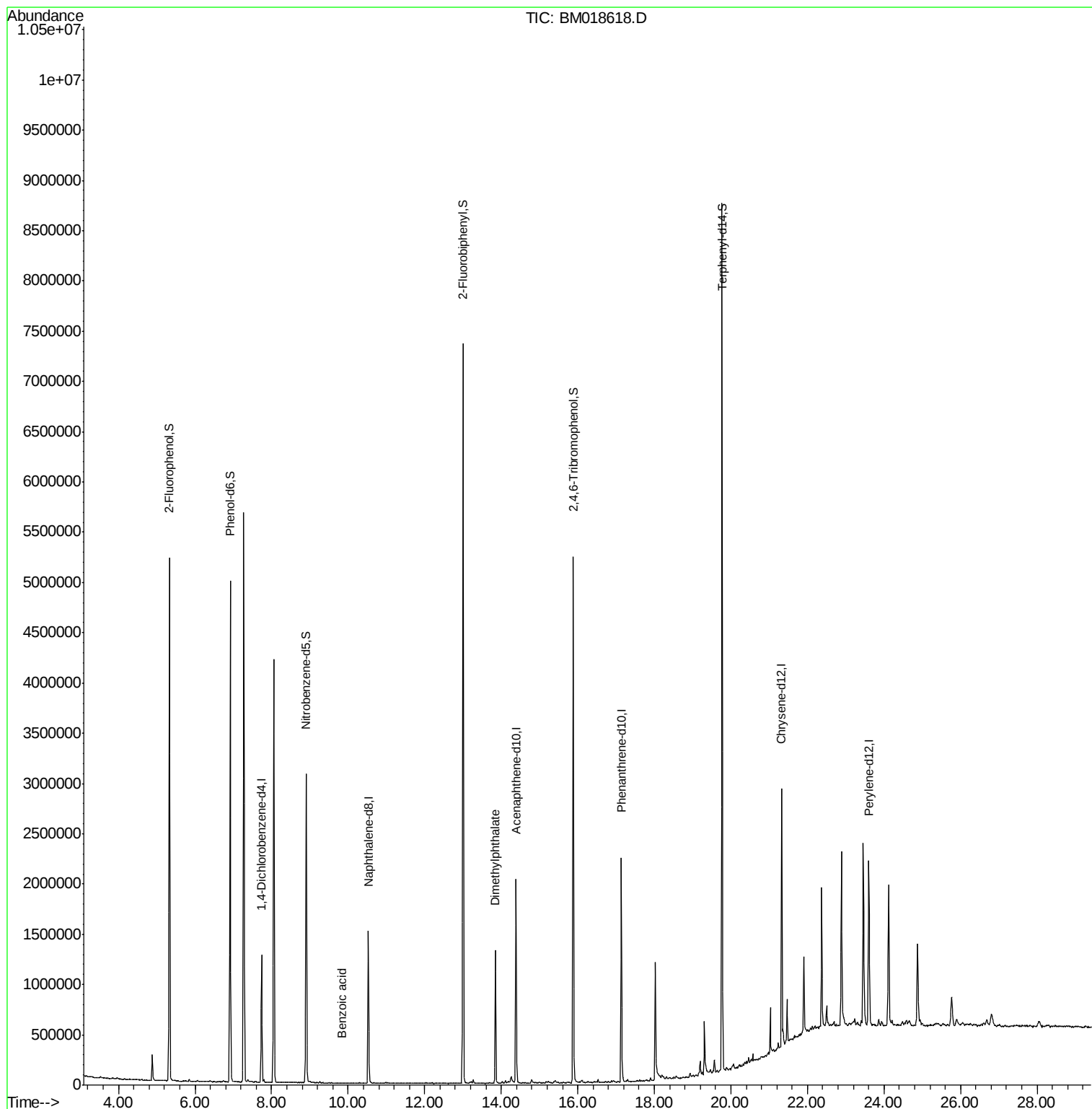
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	333014	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1279706	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	646826	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1262324	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1175088	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1177417	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2205687	122.30	ng	-0.02
7) Phenol-d6	6.92	99	2729627	119.16	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1698451	76.94	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	909067	110.38	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3657001	73.77	ng	-0.02
79) Terphenyl-d14	19.77	244	3811336	68.37	ng	-0.02
Target Compounds						
32) Benzoic acid	9.85	122	113	6.511	ng	Qvalue # 13
50) Dimethylphthalate	13.85	163	854510	16.086	ng	100

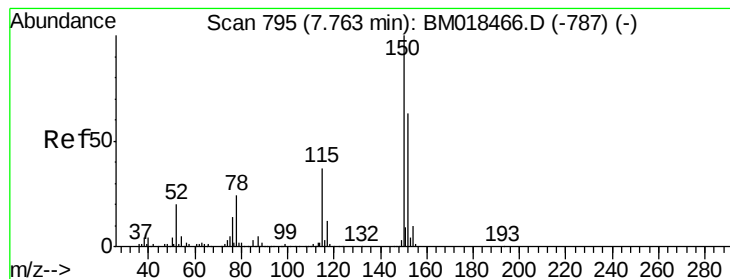
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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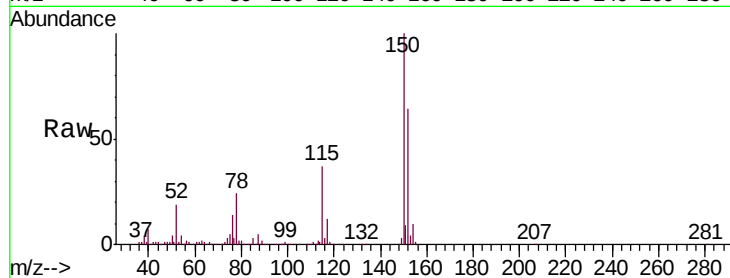


#1

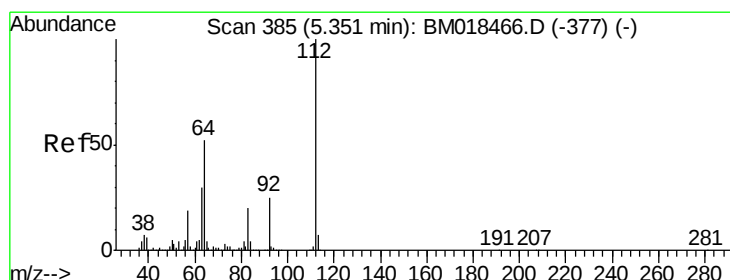
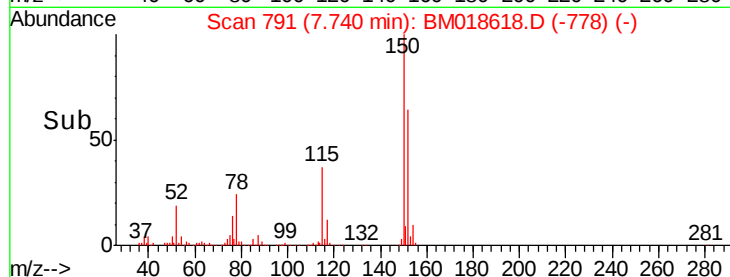
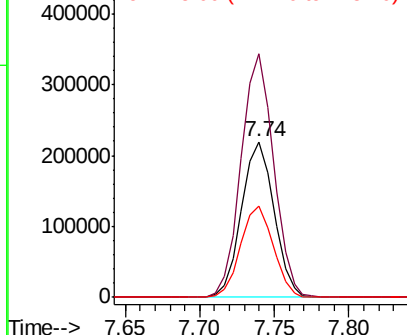
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018618.D
Acq: 17 Jan 2019 17:35

Instrument :
BNA_M
ClientSampleId :
S-6

Tgt Ion:152 Resp: 333014
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 58.4 45.5 68.3



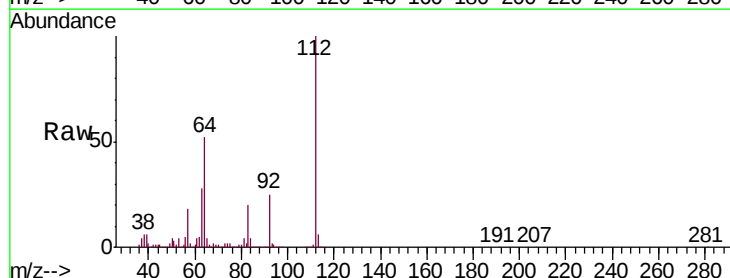
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



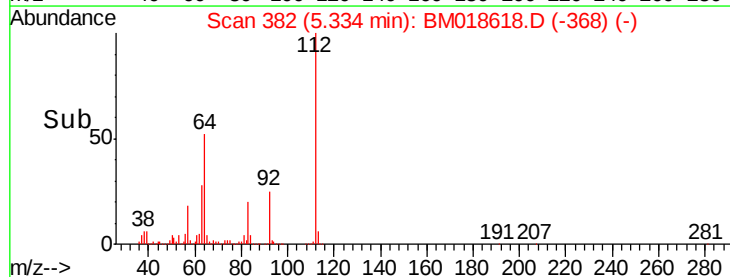
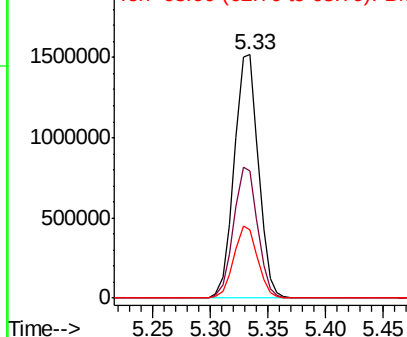
#5

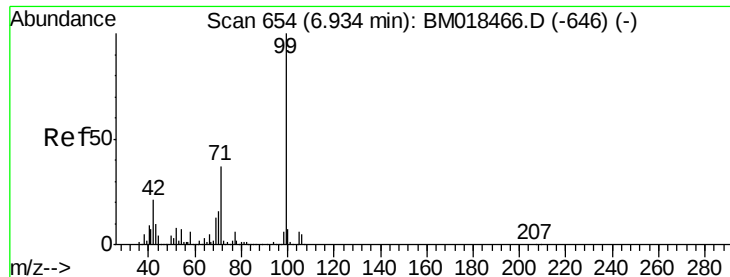
2-Fluorophenol
Concen: 122.301 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018618.D
Acq: 17 Jan 2019 17:35

Tgt Ion:112 Resp: 2205687
Ion Ratio Lower Upper
112 100
64 52.1 46.5 69.7
63 28.1 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: 119.164 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

Instrument :

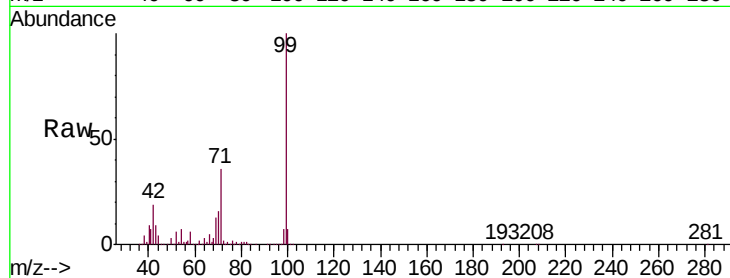
BNA_M

ClientSampleId :

S-6

Tgt Ion: 99 Resp: 2729627

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.3	25.9
71	36.0	28.0	42.0

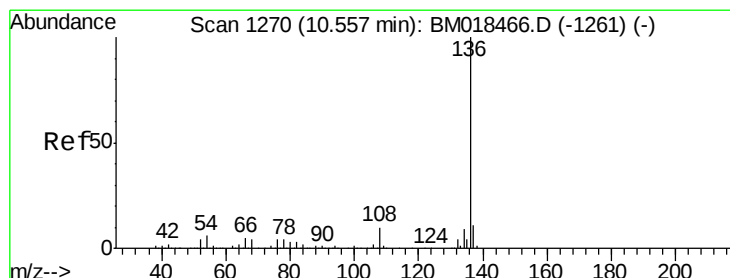
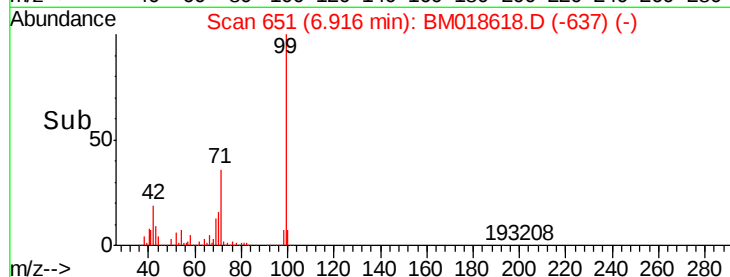
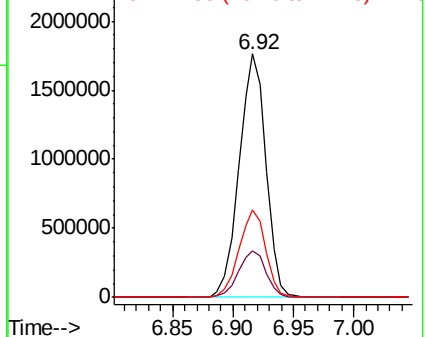


Abundance

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

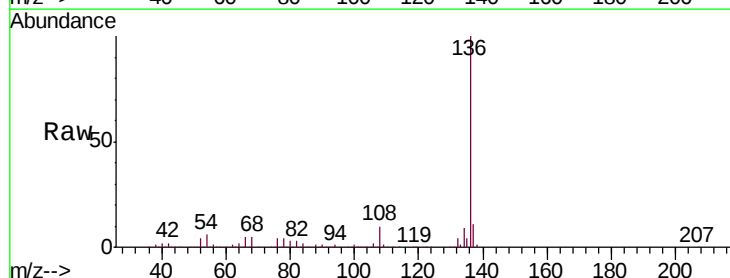
Delta R.T. -0.02 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

Tgt Ion: 136 Resp: 1279706

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.3	6.0	9.0
68	4.7	4.5	6.7



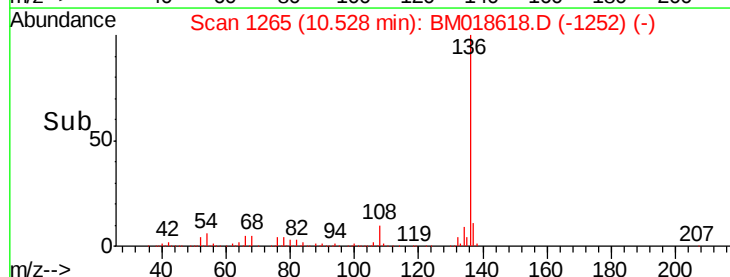
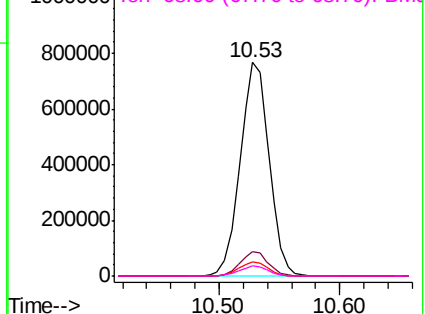
Abundance

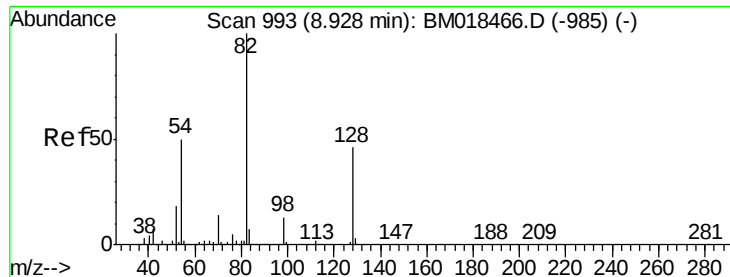
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 76.940 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

Instrument :

BNA_M

ClientSampled :

S-6

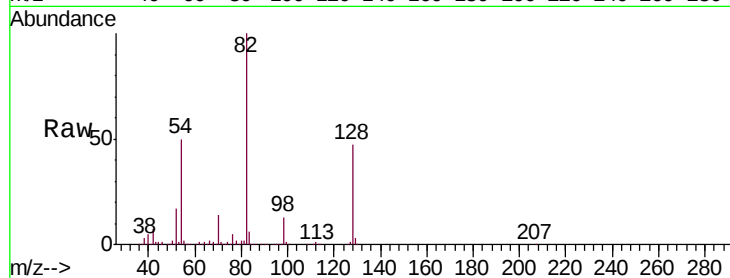
Tgt Ion: 82 Resp: 1698451

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

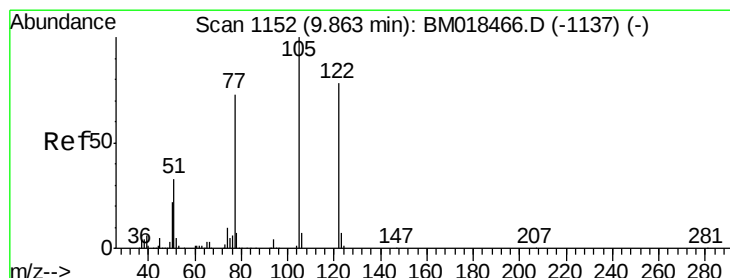
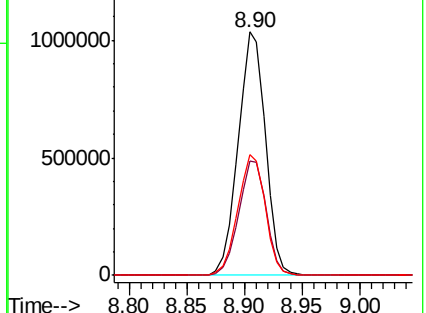
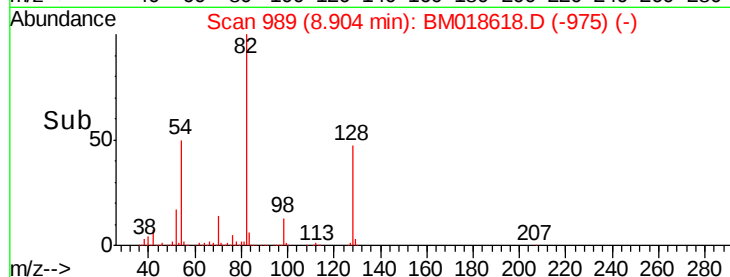
54 49.5 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018618.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BM018618.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM018618.D (-975) (-)



#32

Benzoic acid

Concen: 6.511 ng

RT: 9.85 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

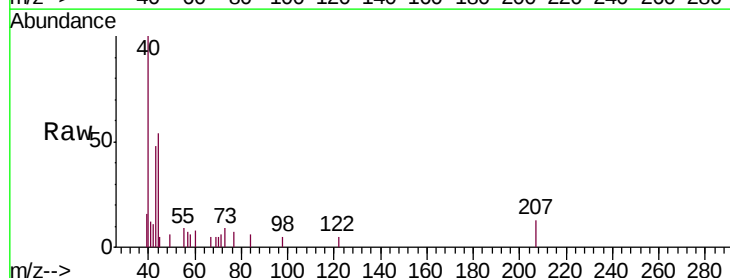
Tgt Ion: 122 Resp: 113

Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

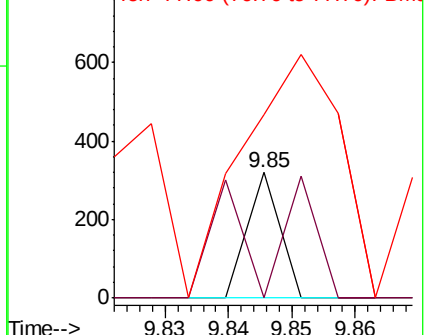
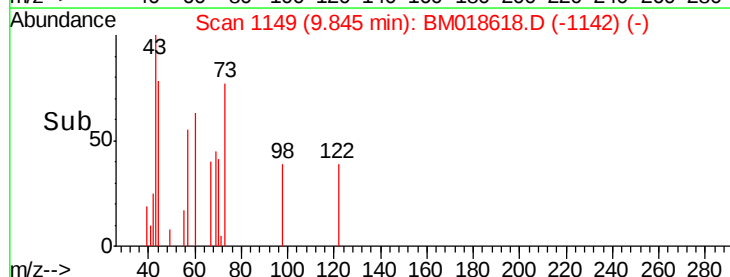
77 147.0 71.7 111.7#

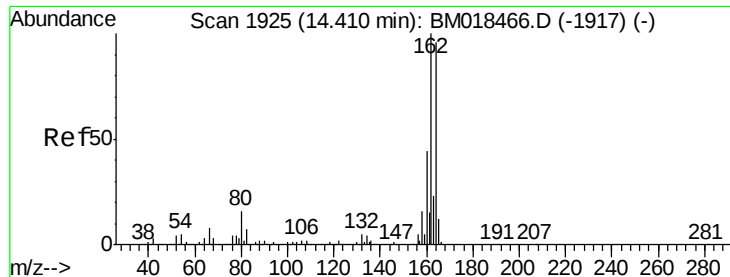


Abundance Ion 122.00 (121.70 to 122.70): BM018618.D (-1142) (-)

Ion 105.00 (104.70 to 105.70): BM018618.D (-1142) (-)

Ion 77.00 (76.70 to 77.70): BM018618.D (-1142) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

Instrument :

BNA_M

ClientSampleId :

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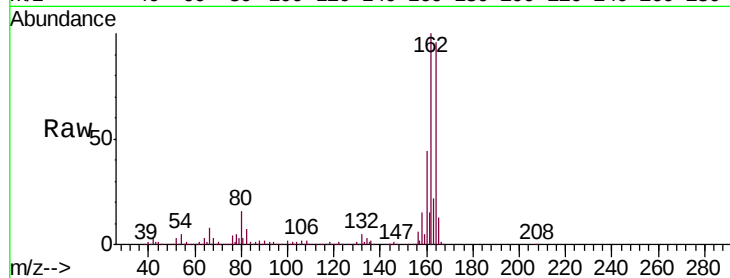
Tgt Ion:164 Resp: 646826

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

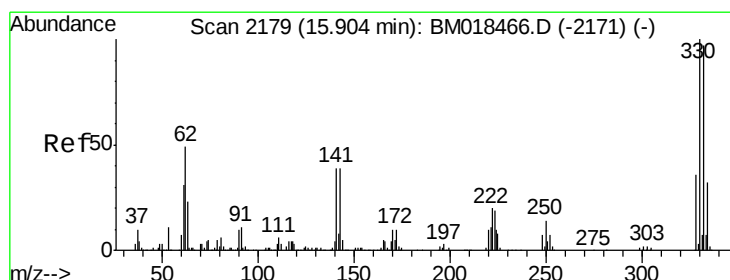
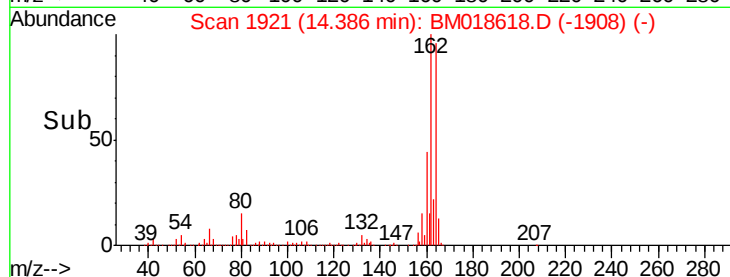
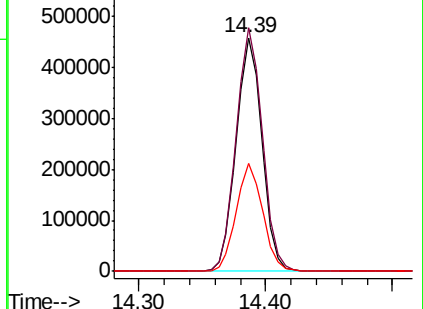
160 46.3 37.1 55.7



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: 110.378 ng

RT: 15.88 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

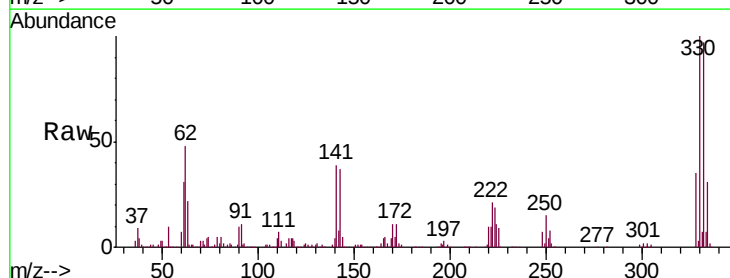
Tgt Ion:330 Resp: 909067

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

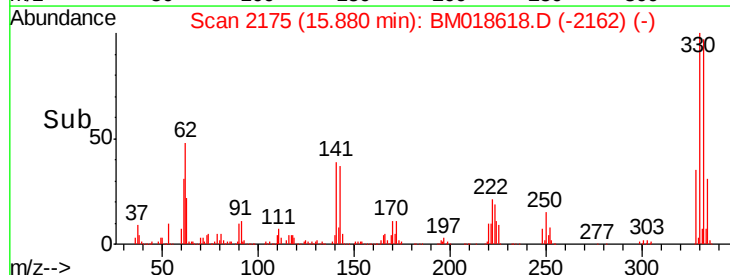
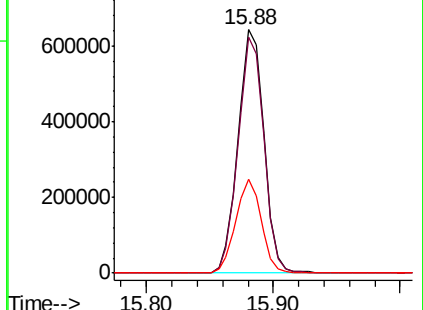
141 37.9 31.7 47.5

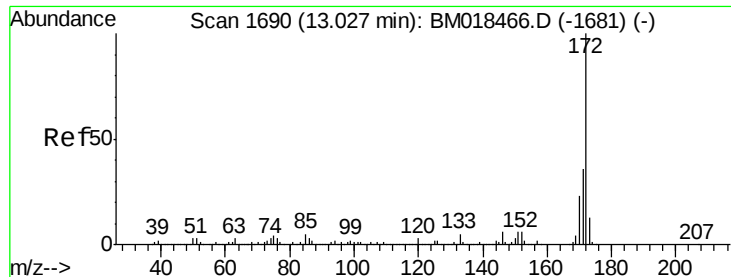


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

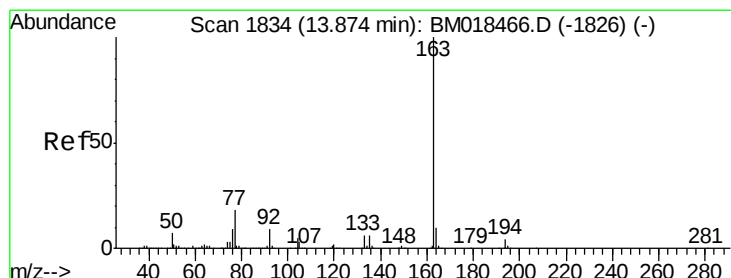
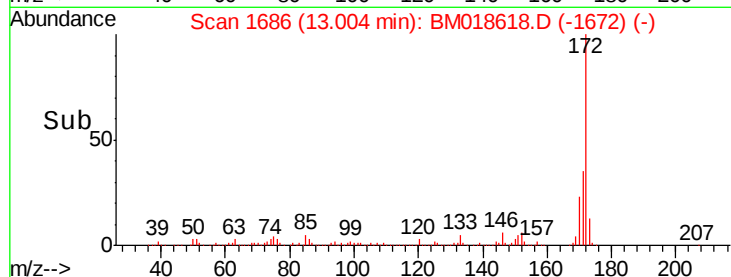
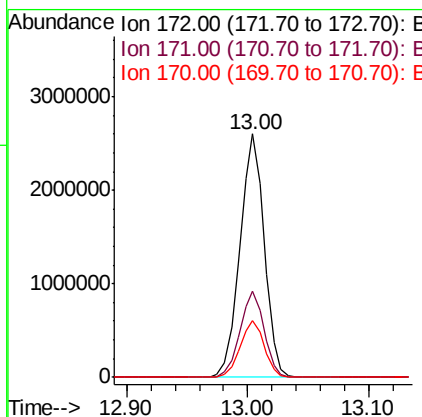
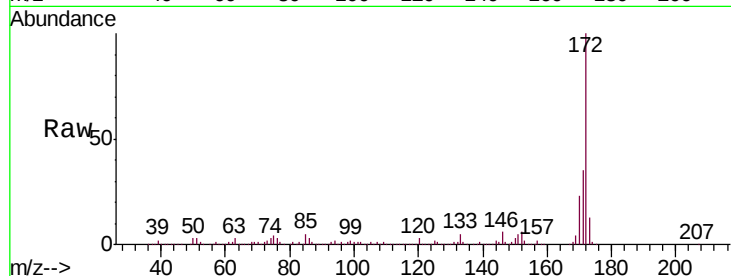




#45
 2-Fluorobiphenyl
 Concen: 73.774 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018618.D
 Acq: 17 Jan 2019 17:35

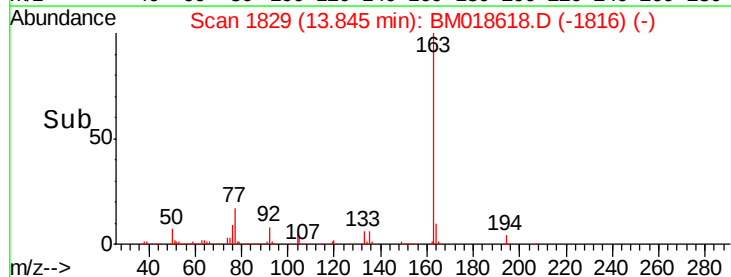
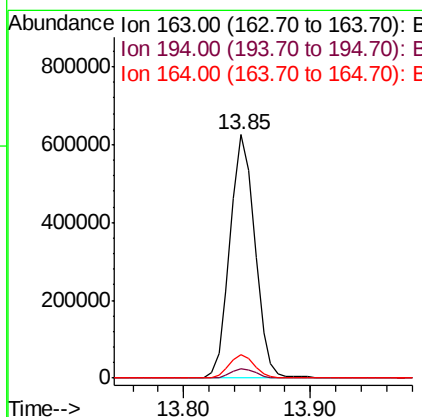
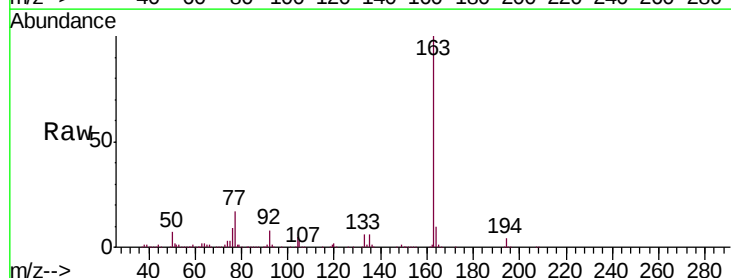
Instrument :
 BNA_M
 ClientSampleId :
 S-6

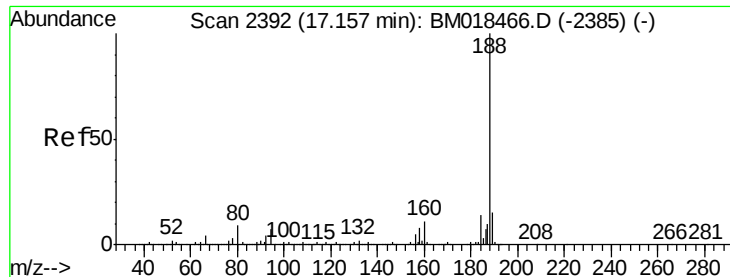
Tgt Ion:172 Resp: 3657001
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.1 18.9 28.3



#50
 Dimethylphthalate
 Concen: 16.086 ng
 RT: 13.85 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BM018618.D
 Acq: 17 Jan 2019 17:35

Tgt Ion:163 Resp: 854510
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 9.9 7.8 11.8

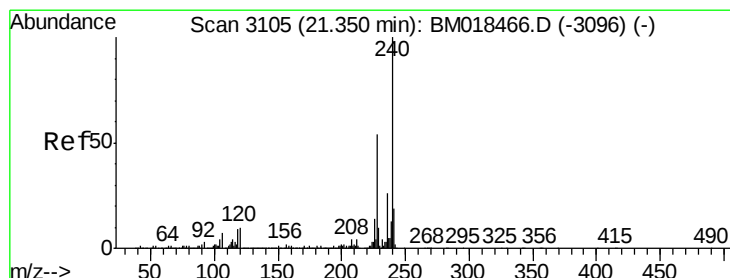
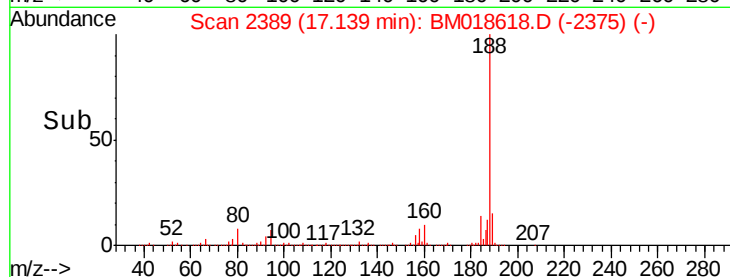
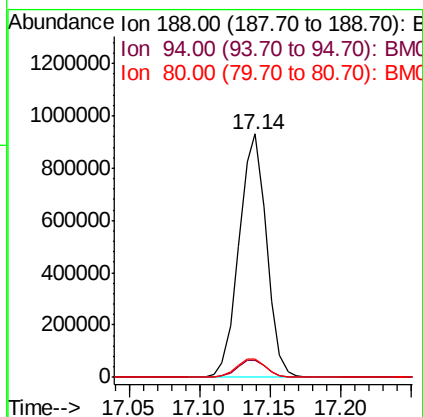
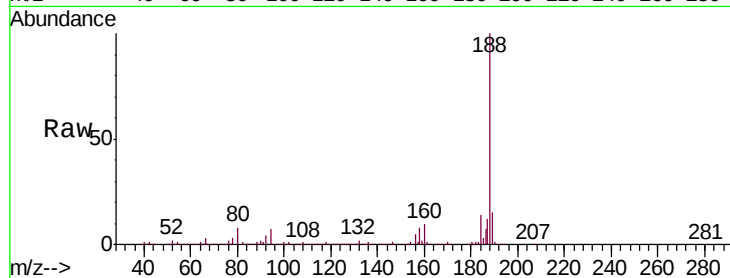




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018618.D
Acq: 17 Jan 2019 17:35

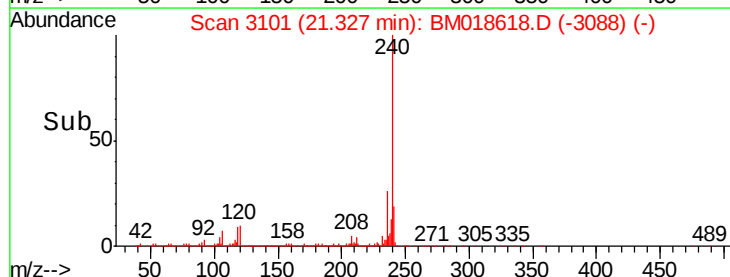
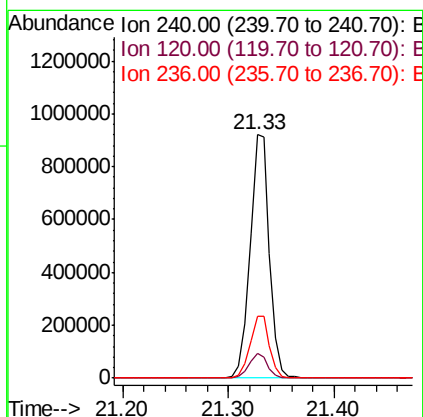
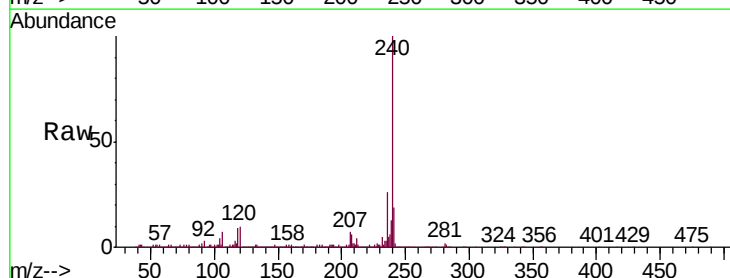
Instrument :
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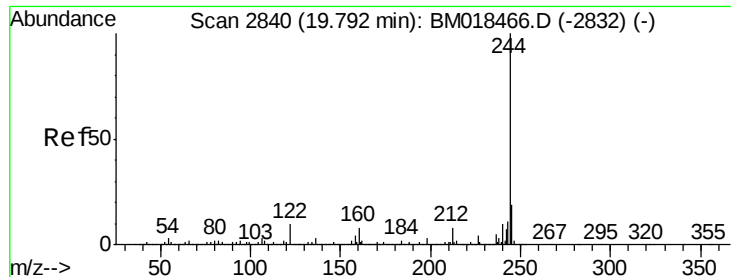
Tgt Ion:188 Resp: 1262324
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018618.D
Acq: 17 Jan 2019 17:35

Tgt Ion:240 Resp: 1175088
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 68.373 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

Instrument :

BNA_M

ClientSampleId :

S-6

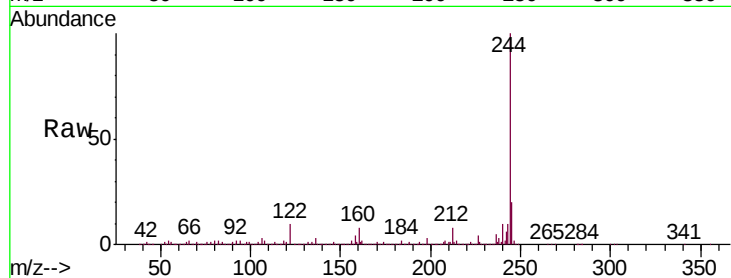
Tgt Ion:244 Resp: 3811336

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

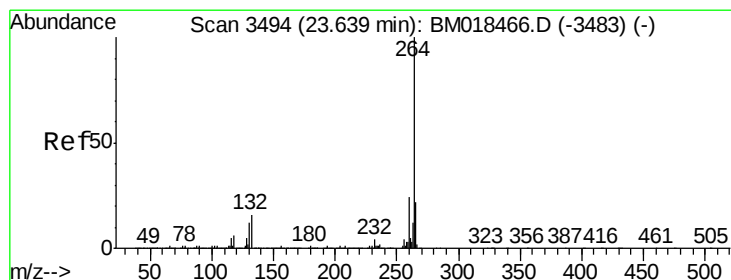
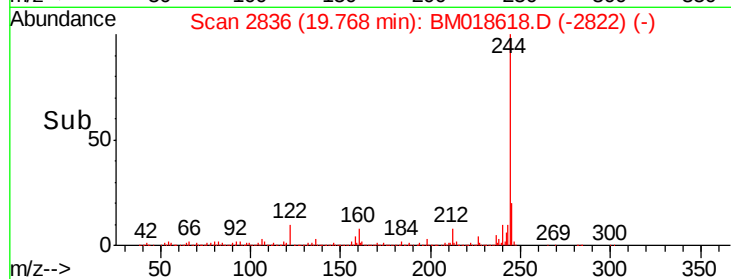
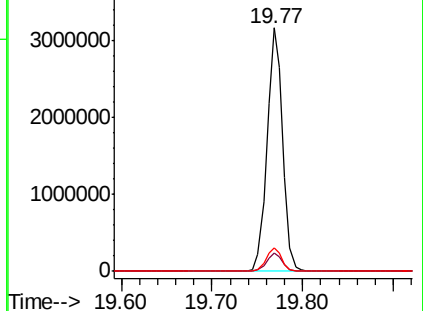
122 9.8 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018618.D

Acq: 17 Jan 2019 17:35

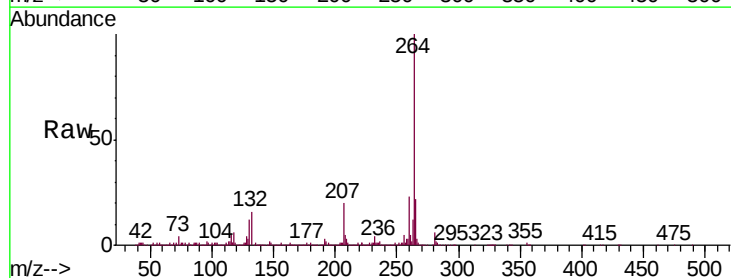
Tgt Ion:264 Resp: 1177417

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.5 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

