

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013019\
 Data File : BM018695.D
 Acq On : 30 Jan 2019 14:46
 Operator : JU/SJ
 Sample : K1281-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-15(33.5-34)

Quant Time: Jan 30 15:27:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

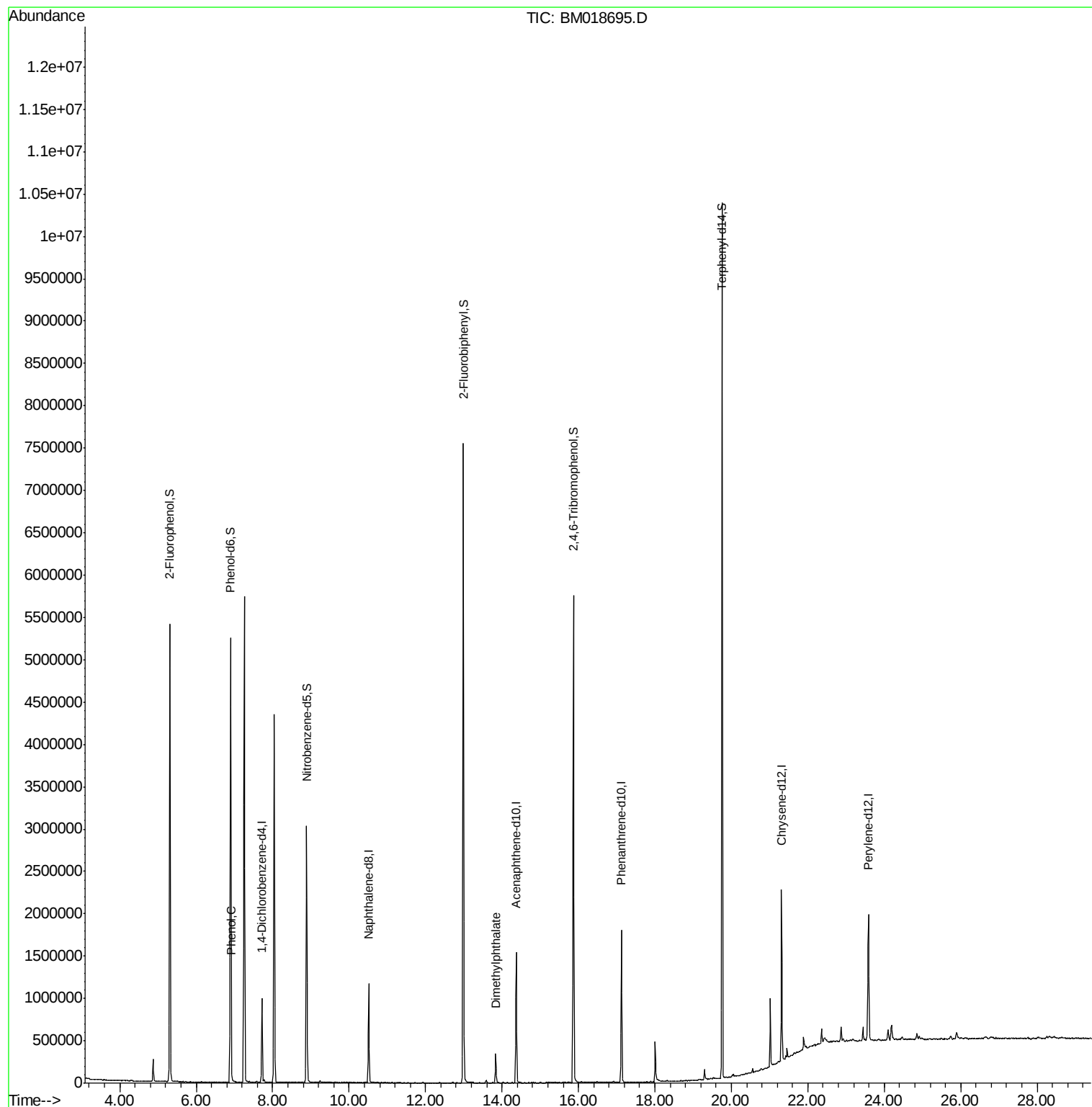
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	261618	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	995912	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	521025	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1063779	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	948056	20.00	ng	-0.02
87) Perylene-d12	23.59	264	1024464	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2220525	156.72	ng	-0.02
7) Phenol-d6	6.90	99	2823458	156.90	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1686576	98.17	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	1001119	150.90	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3989426	99.91	ng	-0.02
79) Terphenyl-d14	19.76	244	4429970	98.50	ng	-0.01
Target Compounds						
10) Phenol	6.92	94	48241	2.638	ng	90
50) Dimethylphthalate	13.83	163	237972	5.561	ng	100

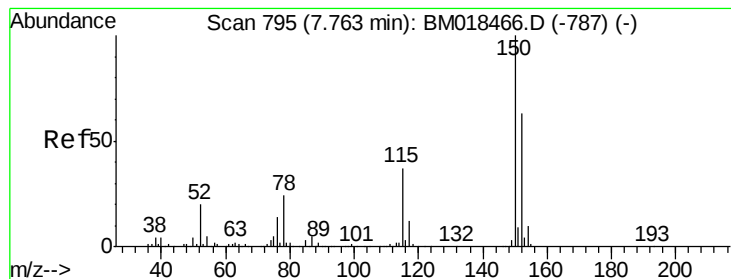
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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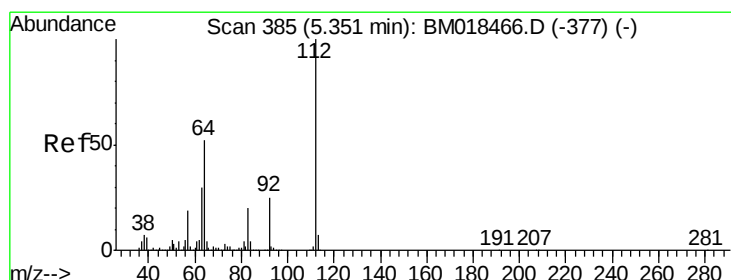
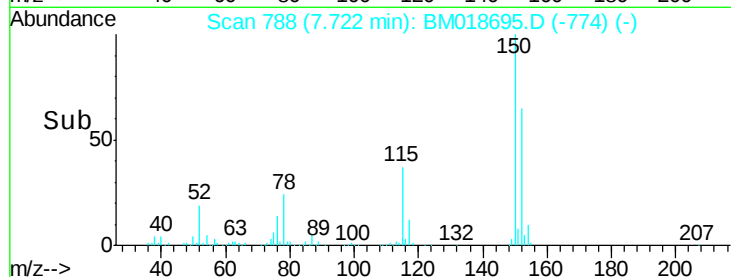
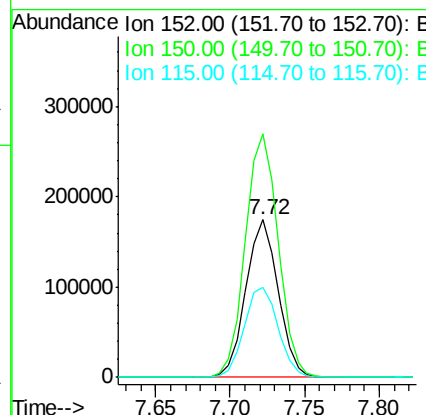
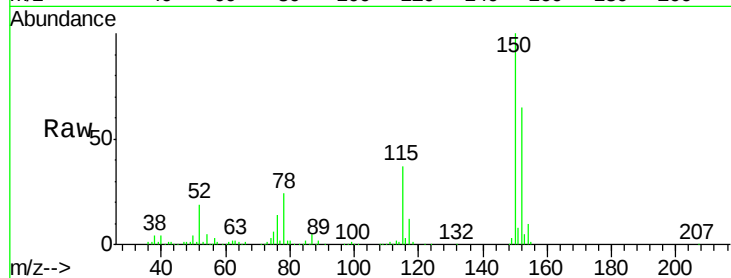


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

Instrument :
BNA_M
ClientSampleId :
SB-15(33.5-34)

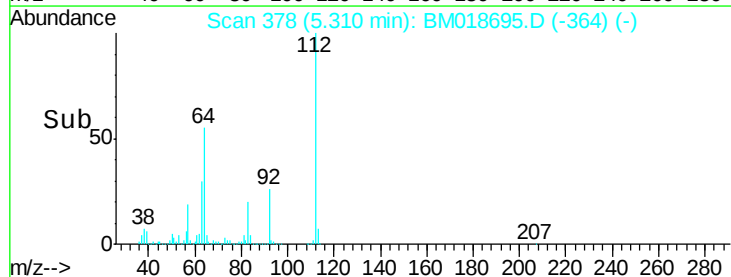
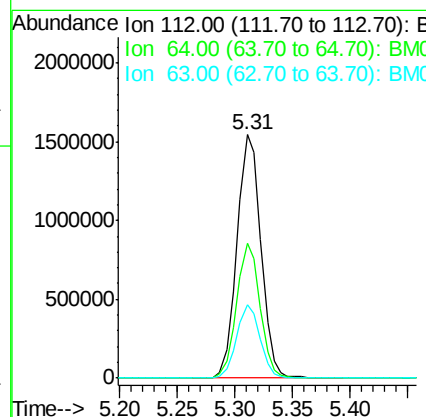
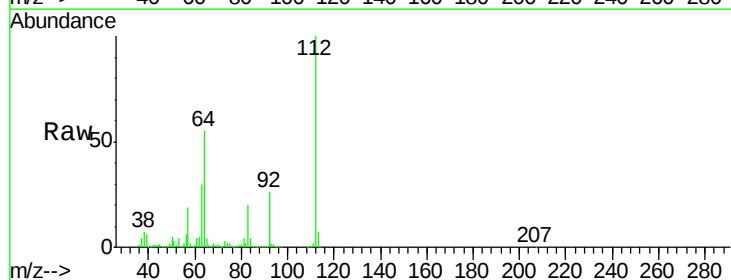
Tgt Ion:152 Resp: 261618
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 57.3 45.5 68.3

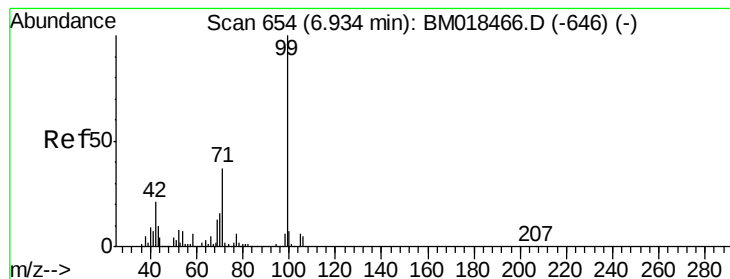


#5

2-Fluorophenol
Concen: 156.724 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

Tgt Ion:112 Resp: 2220525
Ion Ratio Lower Upper
112 100
64 55.1 46.5 69.7
63 30.2 25.2 37.8





#7

Phenol-d6

Concen: 156.898 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018695.D

Acq: 30 Jan 2019 14:46

Instrument :

BNA_M

ClientSampleId :

SB-15(33.5-34)

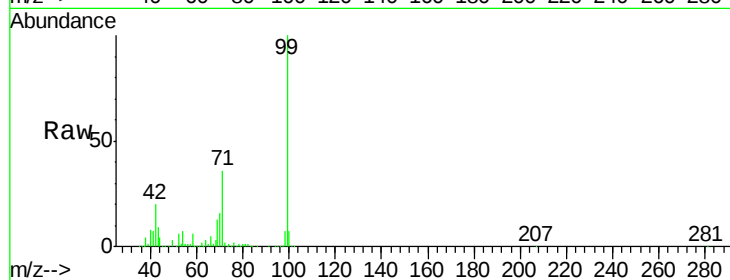
Tgt Ion: 99 Resp: 2823458

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

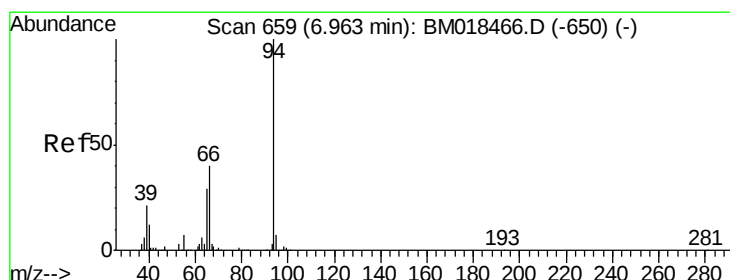
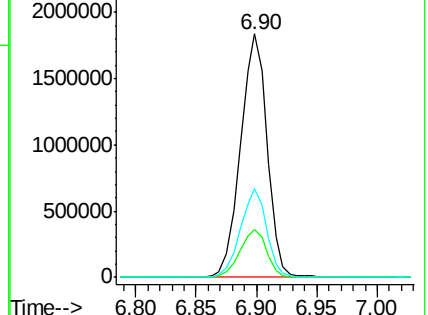
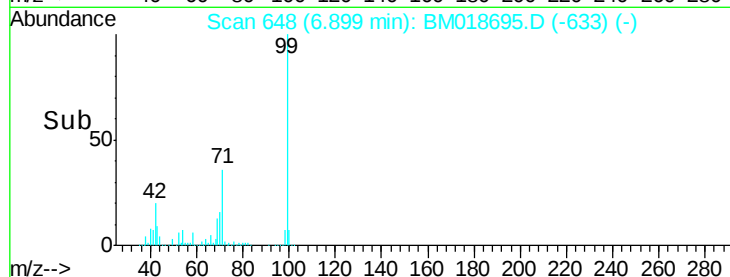
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018695.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018695.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018695.D (-633) (-)



#10

Phenol

Concen: 2.638 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018695.D

Acq: 30 Jan 2019 14:46

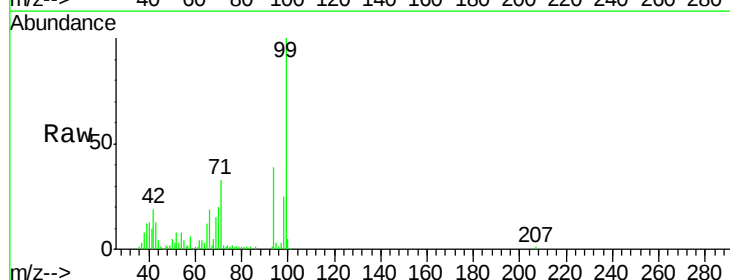
Tgt Ion: 94 Resp: 48241

Ion Ratio Lower Upper

94 100

65 31.1 9.4 49.4

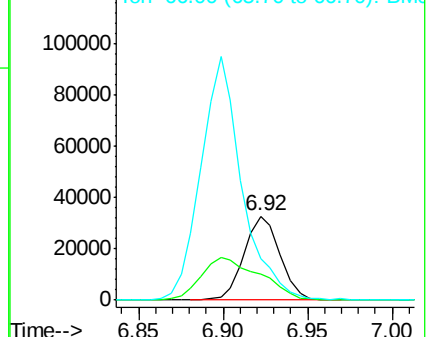
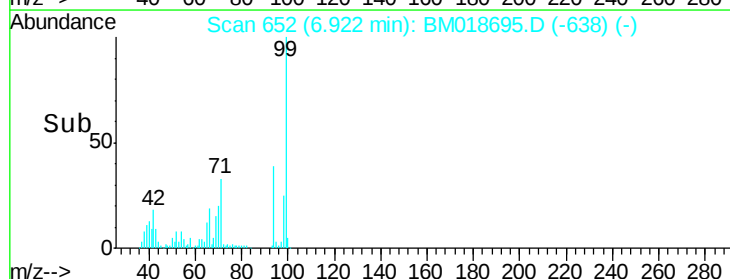
66 48.8 19.1 59.1

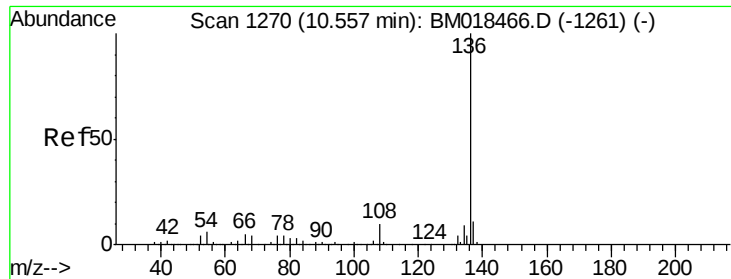


Abundance Ion 94.00 (93.70 to 94.70): BM018695.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018695.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018695.D (-638) (-)

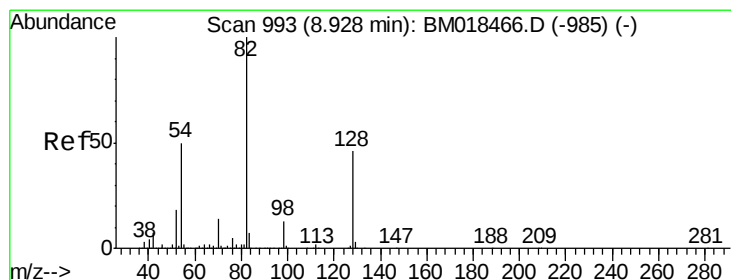
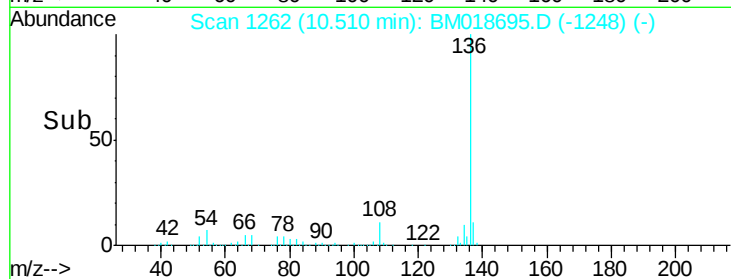
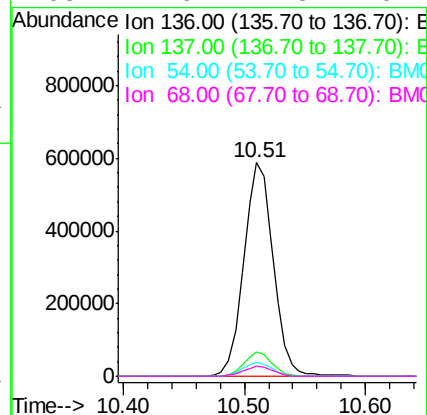
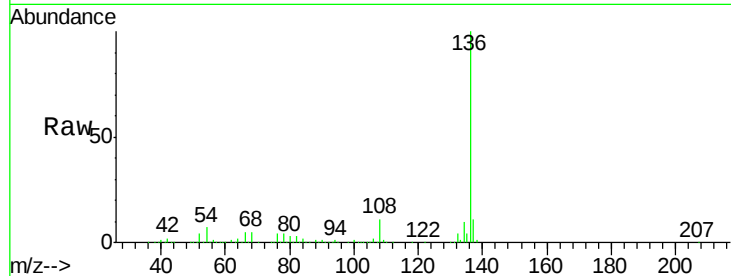




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

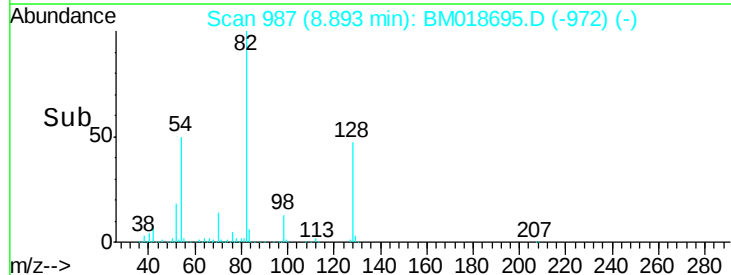
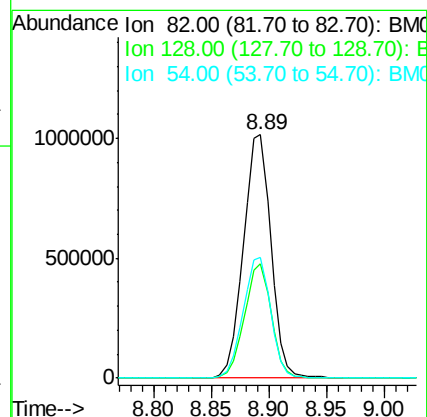
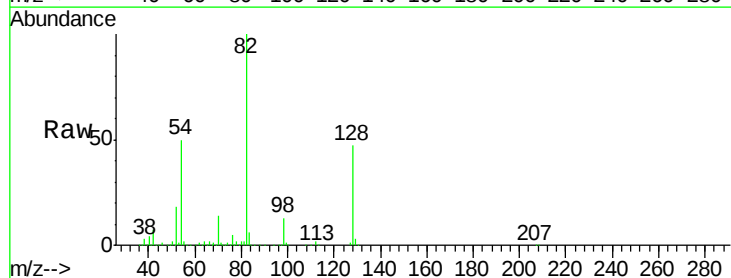
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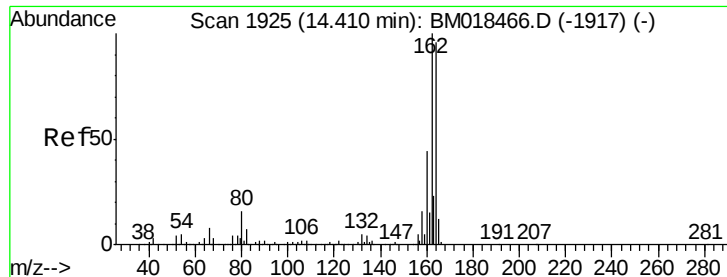
Tgt Ion:	136	Resp:	995912
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	6.6	6.0	9.0
68	4.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.174 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

Tgt Ion:	82	Resp:	1686576
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	49.7	41.7	62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018695.D

Acq: 30 Jan 2019 14:46

Instrument :

BNA_M

ClientSampleId :

SB-15(33.5-34)

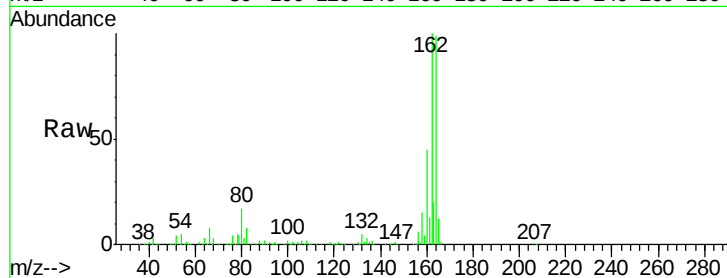
Tgt Ion:164 Resp: 521025

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.4

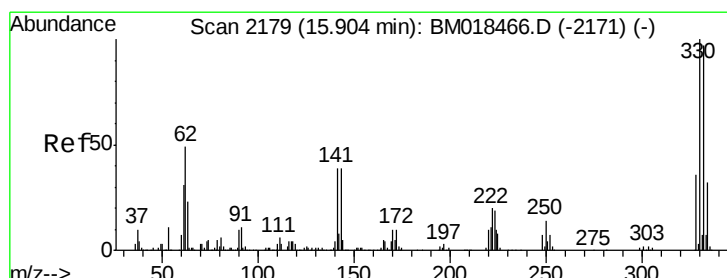
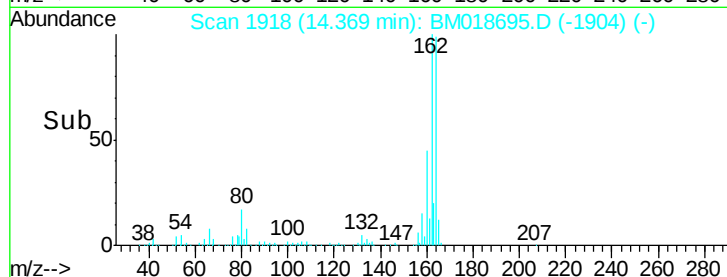
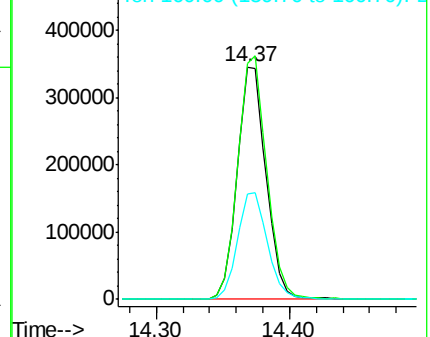
160 45.1 37.1 55.7



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: 150.905 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018695.D

Acq: 30 Jan 2019 14:46

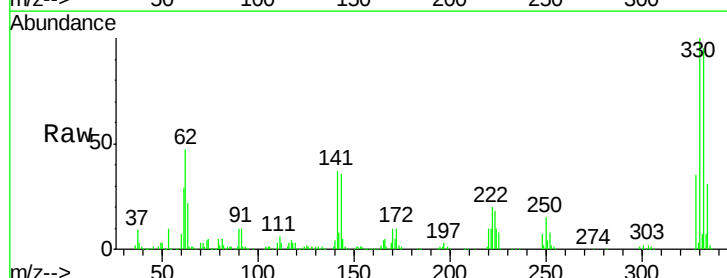
Tgt Ion:330 Resp: 1001119

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

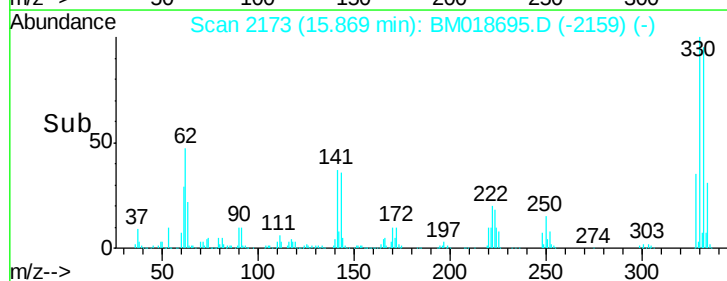
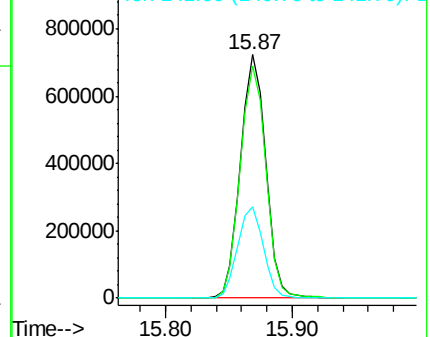
141 38.3 31.7 47.5

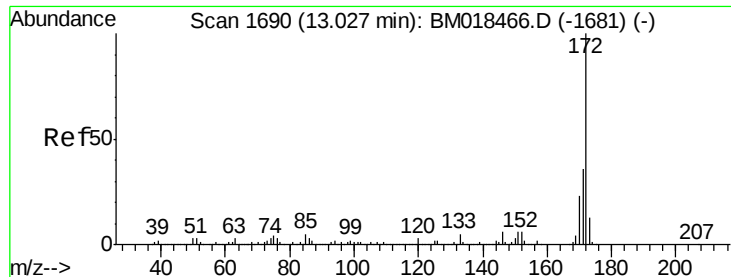


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

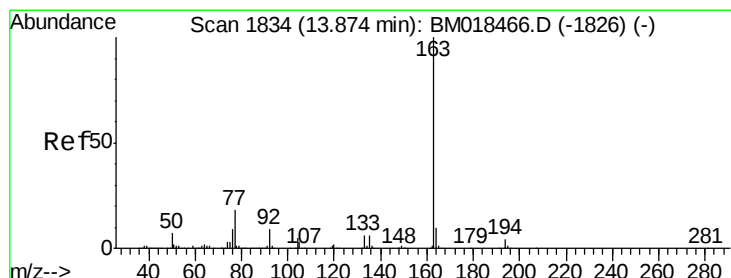
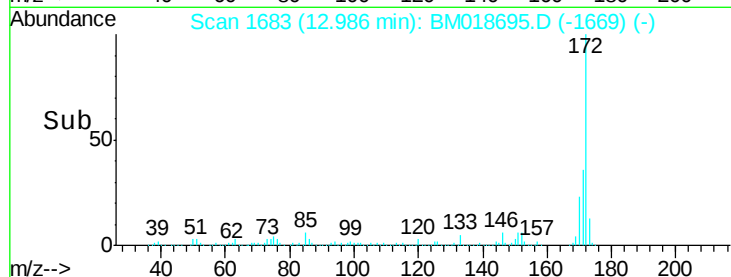
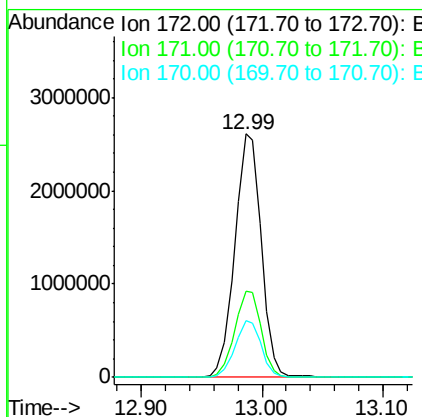
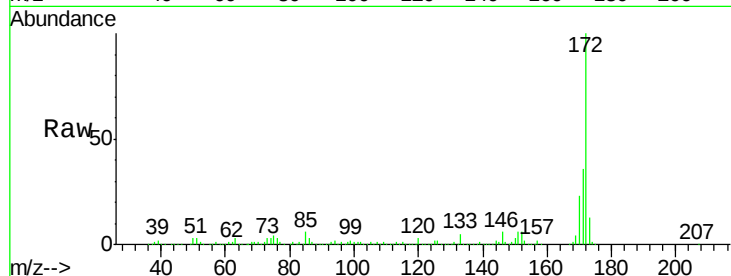




#45
2-Fluorobiphenyl
Concen: 99.912 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

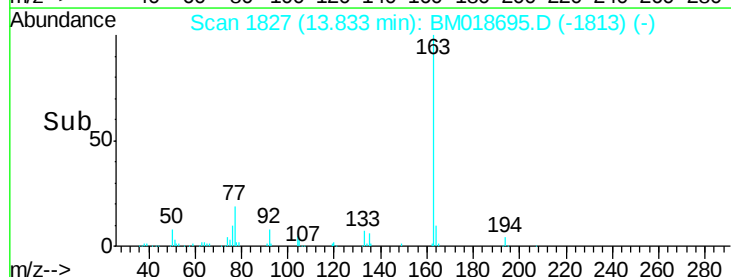
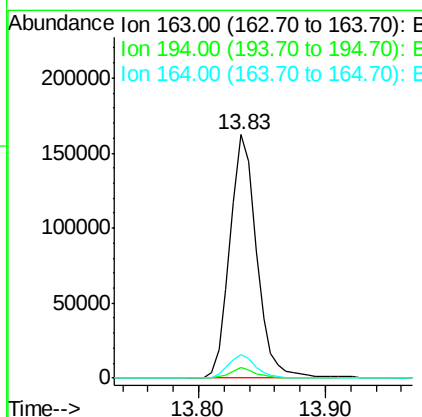
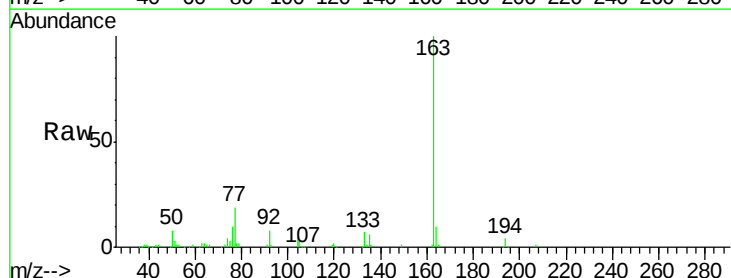
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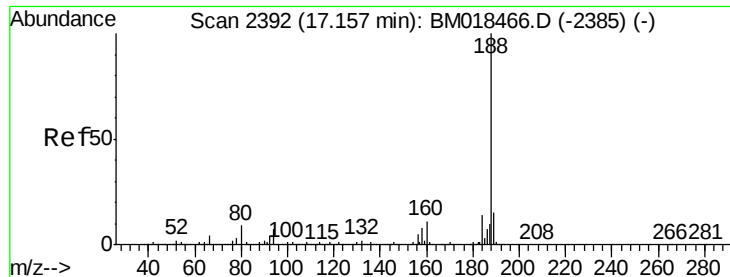
Tgt Ion:172 Resp: 3989426
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.1 18.9 28.3



#50
Dimethylphthalate
Concen: 5.561 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

Tgt Ion:163 Resp: 237972
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.8 7.8 11.8

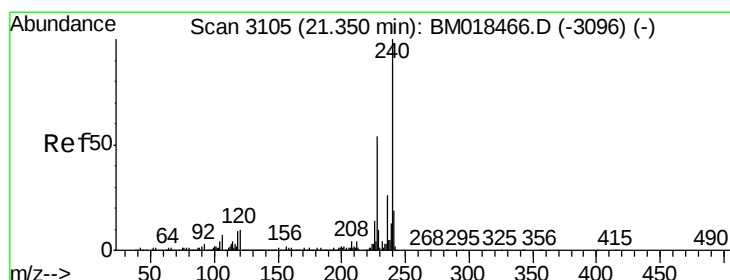
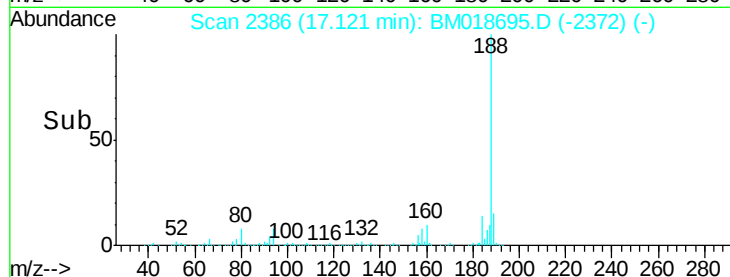
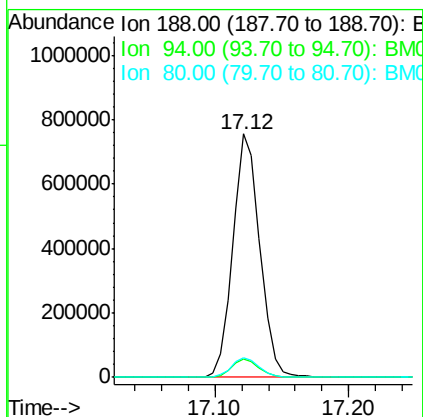
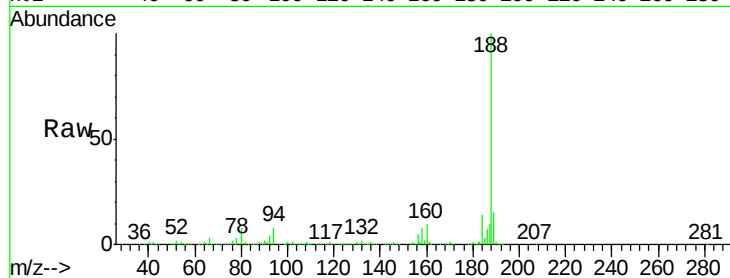




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

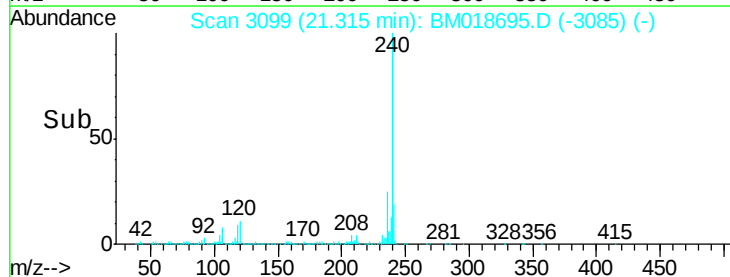
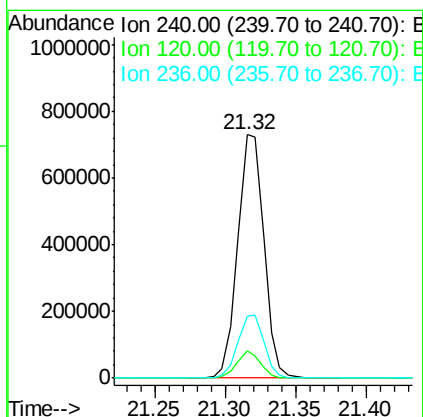
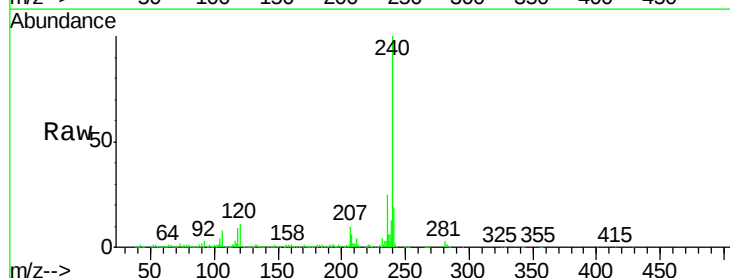
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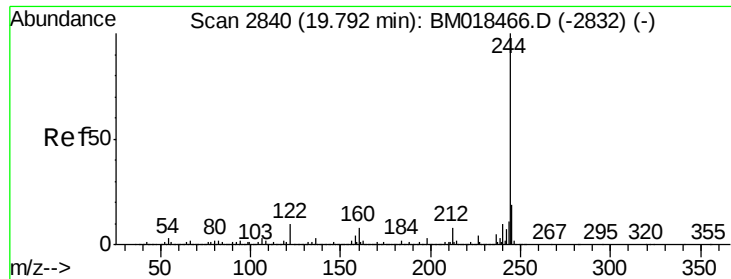
Tgt Ion:188 Resp: 1063779
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018695.D
Acq: 30 Jan 2019 14:46

Tgt Ion:240 Resp: 948056
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 98.502 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018695.D

Acq: 30 Jan 2019 14:46

Instrument :

BNA_M

ClientSampleId :

SB-15(33.5-34)

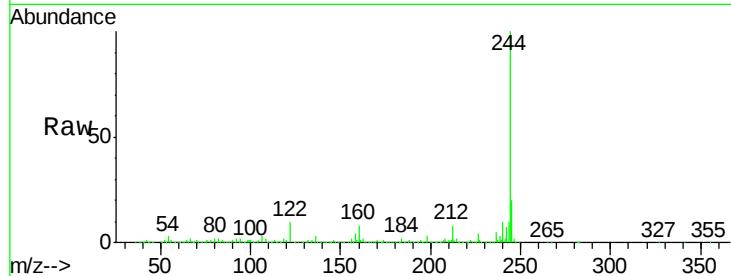
Tgt Ion:244 Resp: 4429970

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

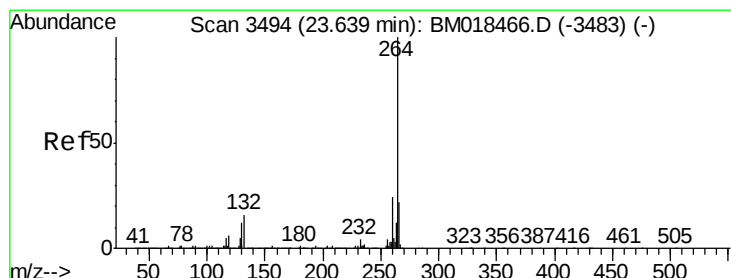
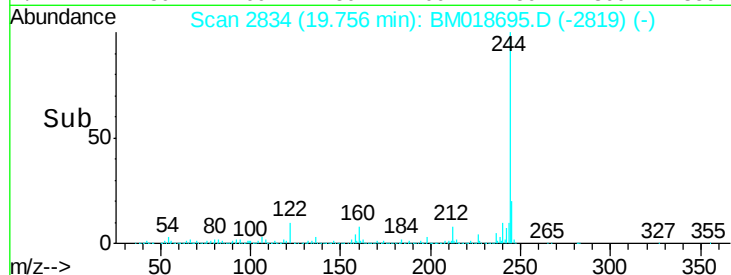
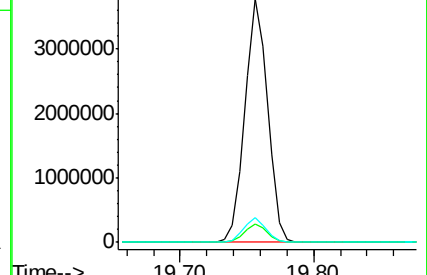
122 10.0 9.0 13.4



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: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018695.D

Acq: 30 Jan 2019 14:46

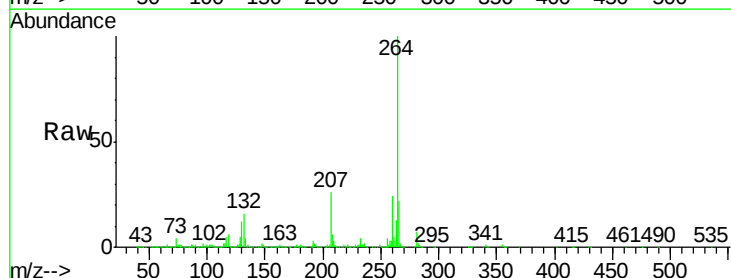
Tgt Ion:264 Resp: 1024464

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 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

