

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
 Data File : BM026305.D
 Acq On : 09 Jun 2020 15:53
 Operator : JU/CG
 Sample : L2939-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PHC-326FB-011

Quant Time: Jun 09 16:37:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

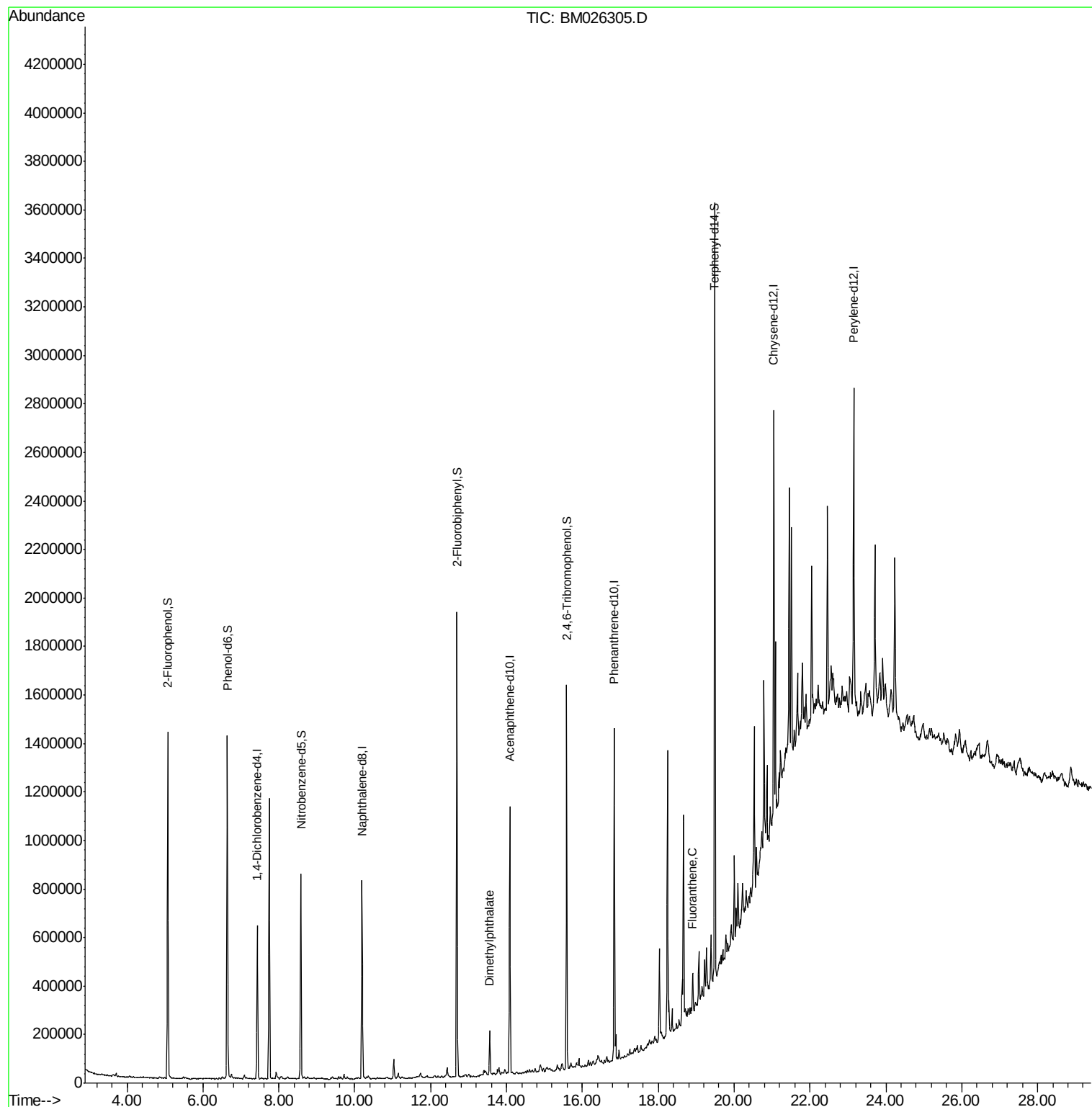
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	151258	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	602829	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	345633	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	717451	20.00	ng	0.00
76) Chrysene-d12	21.05	240	734979	20.00	ng	0.00
86) Perylene-d12	23.16	264	813596	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	529505	61.89	ng	0.00
7) Phenol-d6	6.64	99	715313	57.74	ng	0.00
23) Nitrobenzene-d5	8.58	82	469736	38.26	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	254072	60.68	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	936097	41.11	ng	0.00
79) Terphenyl-d14	19.49	244	1418185	37.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.56	163	99103	3.920	ng	99
75) Fluoranthene	18.91	202	91089	2.127	ng	99

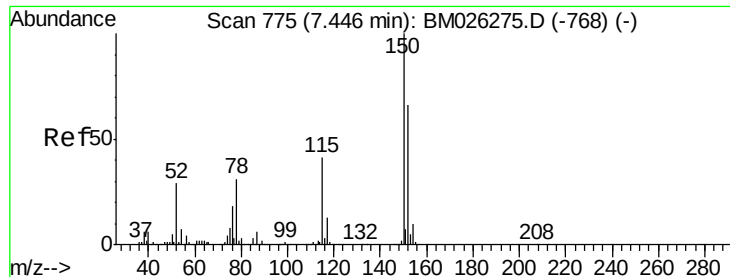
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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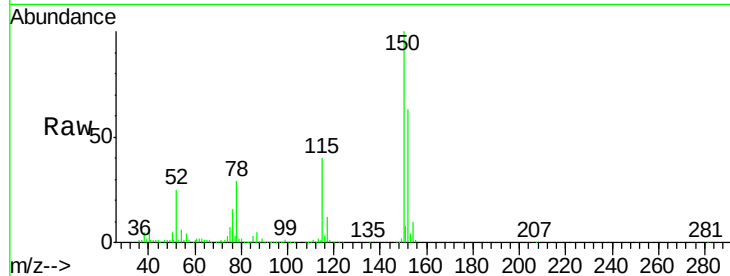


#1

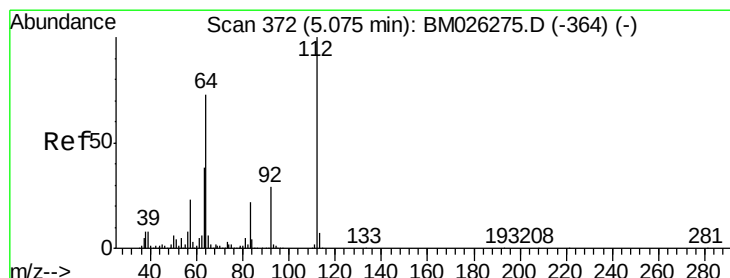
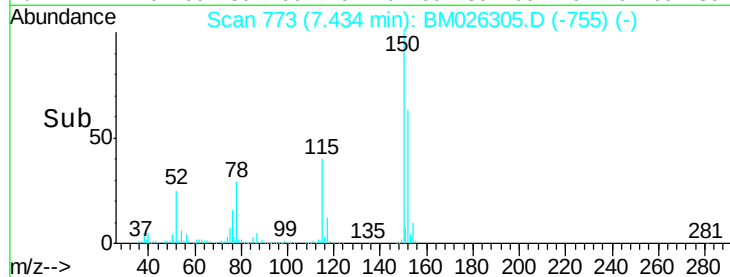
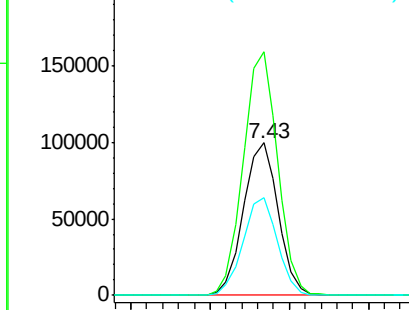
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. 0.01 min
Lab File: BM026305.D
Acq: 09 Jun 2020 15:53

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-011

Tot Ion	152	Resp	151258
Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.1	183.1
115	64.0	49.7	74.5



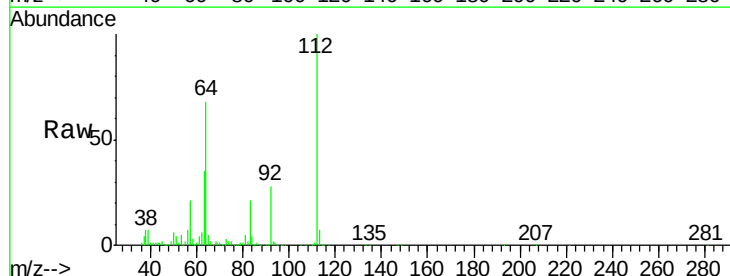
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



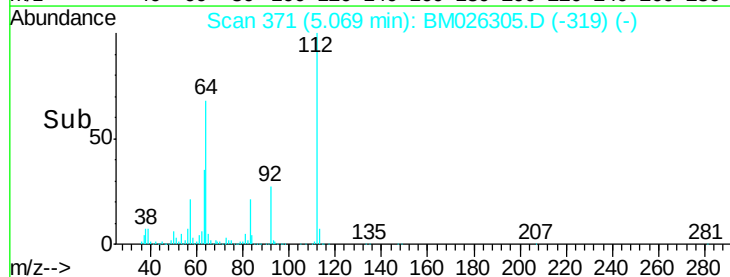
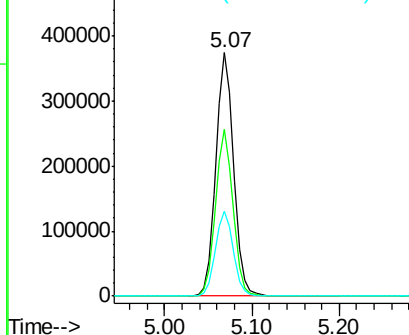
#5

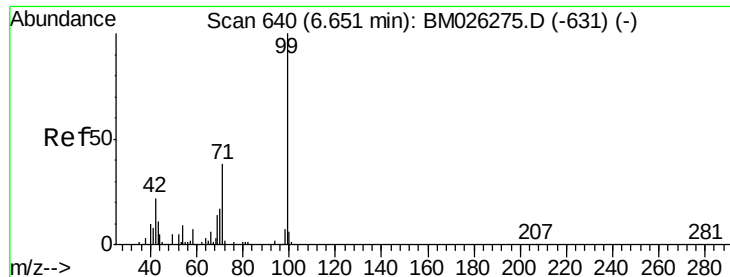
2-Fluorophenol
Concen: 61.893 ng
RT: 5.07 min Scan# 371
Delta R.T. 0.01 min
Lab File: BM026305.D
Acq: 09 Jun 2020 15:53

Tgt Ion	112	Resp	529505
Ion	Ratio	Lower	Upper
112	100		
64	68.3	58.1	87.1
63	34.8	30.6	45.8



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: 57.741 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM026305.D

Acq: 09 Jun 2020 15:53

Instrument :

BNA_M

ClientSampleId :

PHC-326FB-011

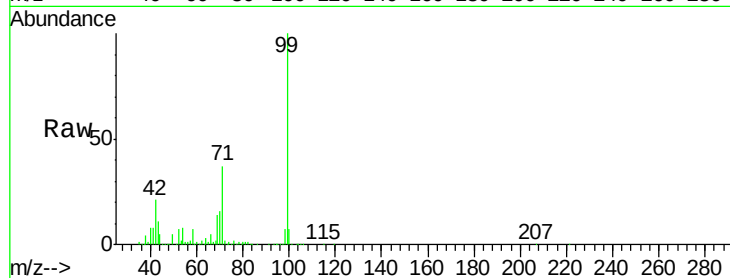
Tot Ion: 99 Resp: 715313

Ion Ratio Lower Upper

99 100

42 20.5 18.0 27.0

71 37.5 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)

6.64

500000

400000

300000

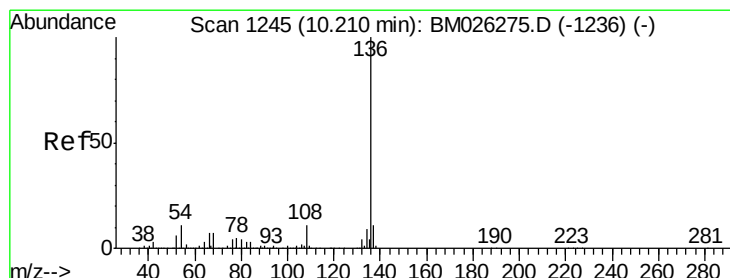
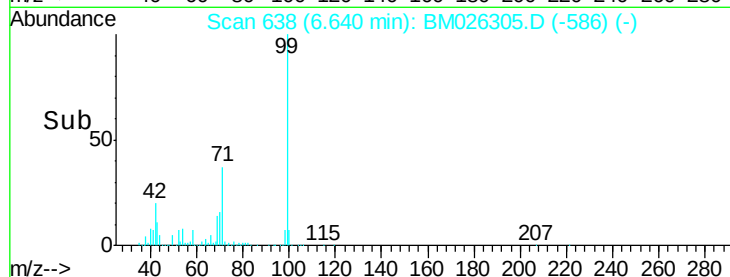
200000

100000

0

6.60 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM026305.D

Acq: 09 Jun 2020 15:53

Tgt Ion: 136 Resp: 602829

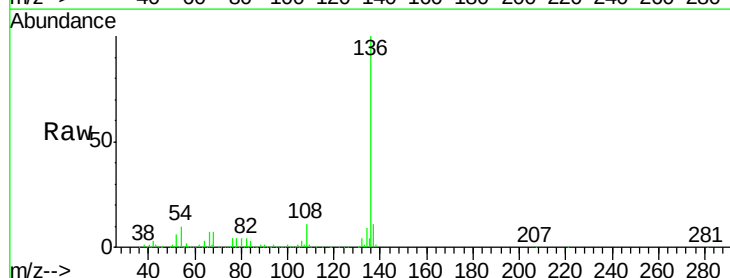
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.5 9.0 13.4

68 7.1 5.6 8.4



Abundance Ion 136.00 (135.70 to 136.70): BM026275.D (-1236) (-)

Ion 137.00 (136.70 to 137.70): BM026275.D (-1236) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-1236) (-)

Ion 68.00 (67.70 to 68.70): BM026275.D (-1236) (-)

10.19

600000

500000

400000

300000

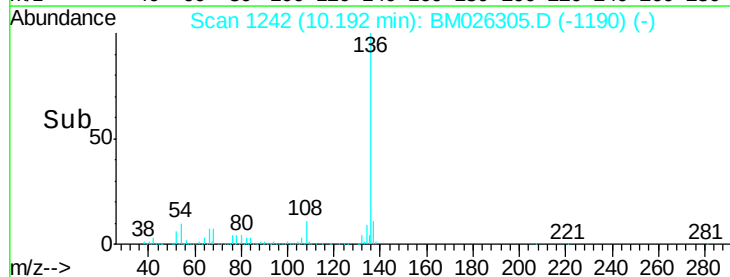
200000

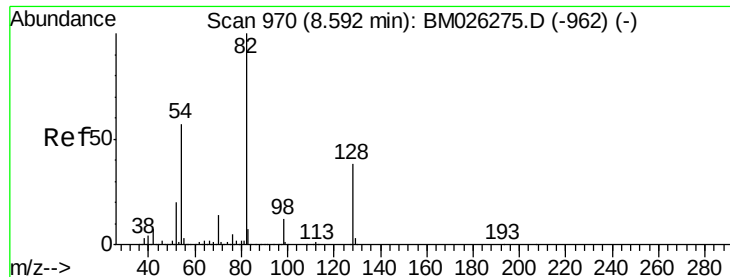
100000

0

10.10 10.20 10.30

Time-->

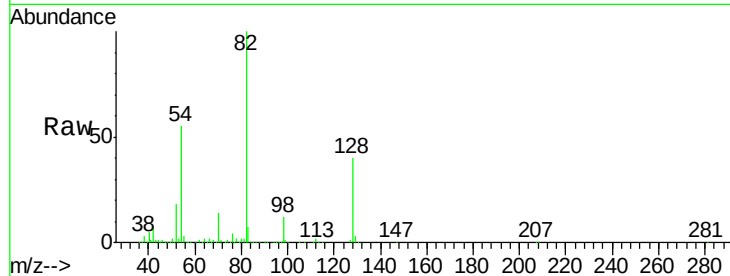




#23
Nitrobenzene-d5
Concen: 38.259 ng
RT: 8.58 min Scan# 968
Delta R.T. 0.01 min
Lab File: BM026305.D
Acq: 09 Jun 2020 15:53

Instrument :
BNA_M
ClientSampleId :
PHC-326FB-011

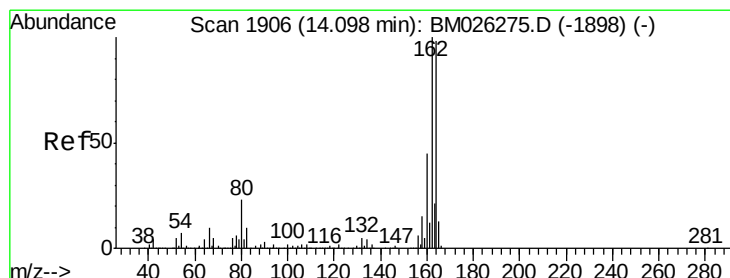
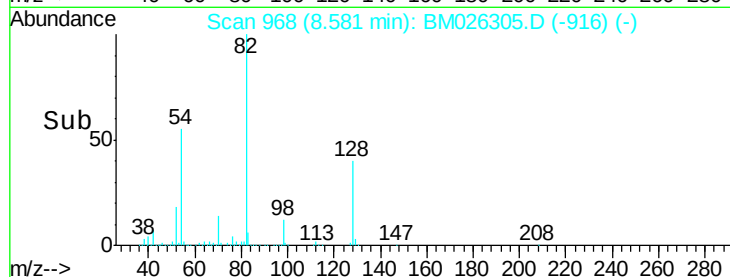
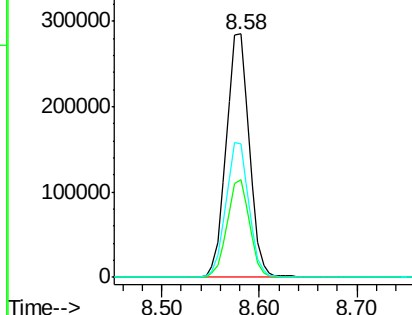
Tot Ion	82	Resp	469736
Ion Ratio	Lower	Upper	
82	100		
128	40.2	30.3	45.5
54	54.9	45.4	68.2



Abundance Ion 82.00 (81.70 to 82.70): BM026275.D (-962) (-)

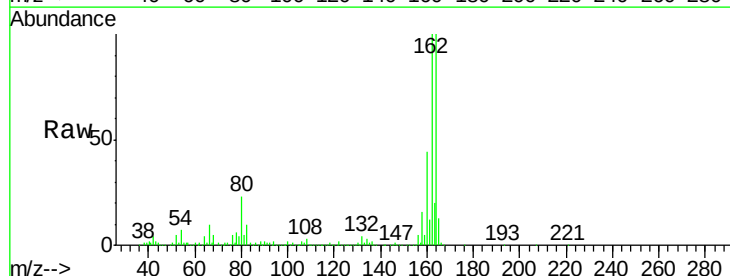
Ion 128.00 (127.70 to 128.70): BM026275.D (-962) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-962) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1904
Delta R.T. 0.01 min
Lab File: BM026305.D
Acq: 09 Jun 2020 15:53

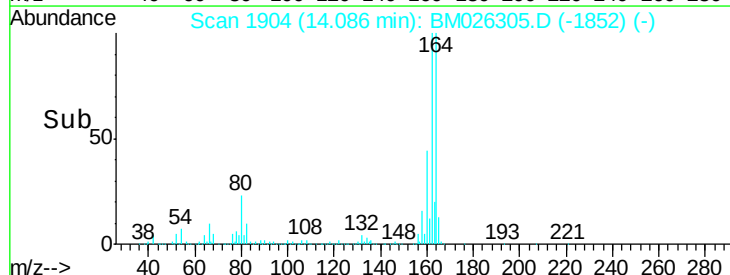
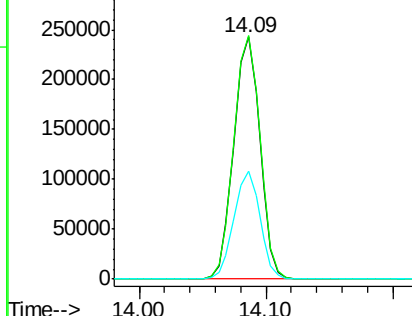
Tgt Ion	164	Resp	345633
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.2
160	44.4	36.4	54.6

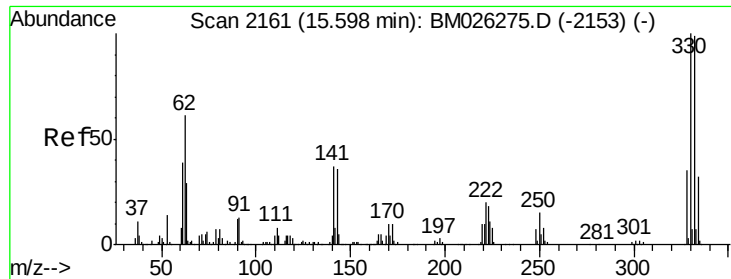


Abundance Ion 164.00 (163.70 to 164.70): BM026275.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM026275.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM026275.D (-1898) (-)

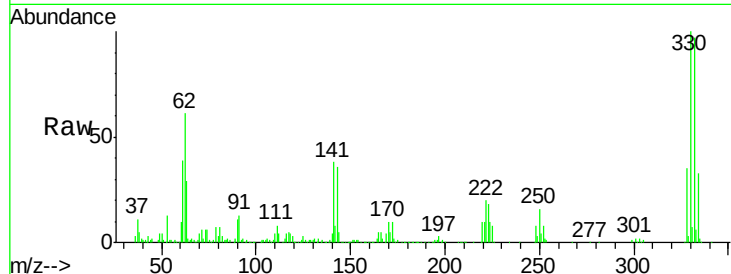




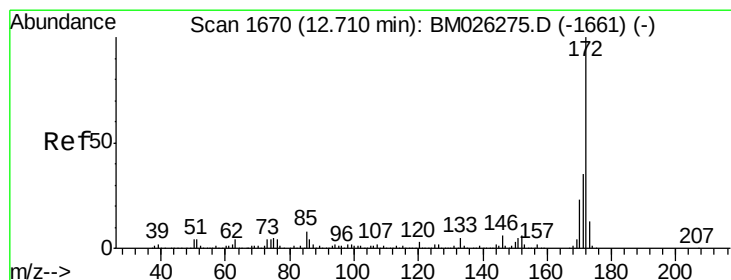
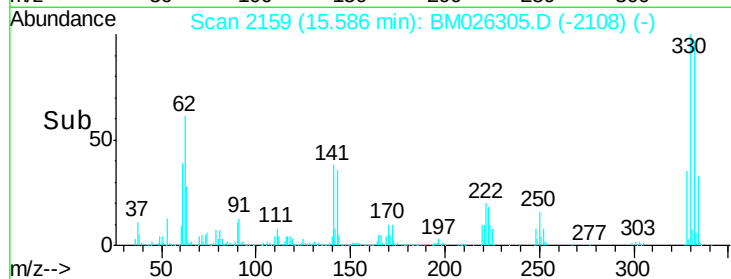
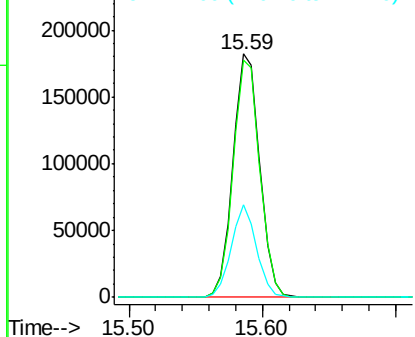
#42
 2,4,6-Tribromophenol
 Concen: 60.684 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM026305.D
 Acq: 09 Jun 2020 15:53

Instrument :
 BNA_M
 ClientSampleId :
 PHC-326FB-011

Tot Ion:330 Resp: 254072
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.1 117.1
 141 35.8 30.0 45.0

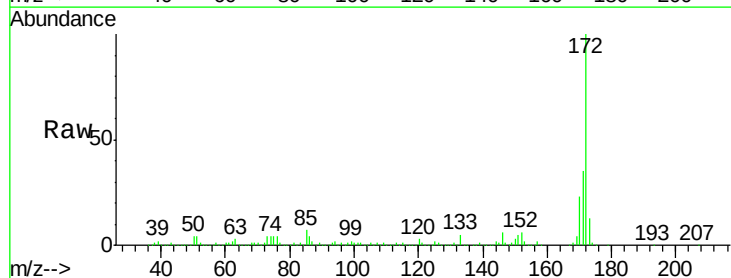


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

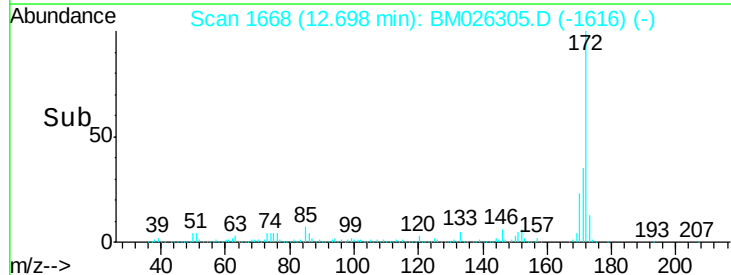
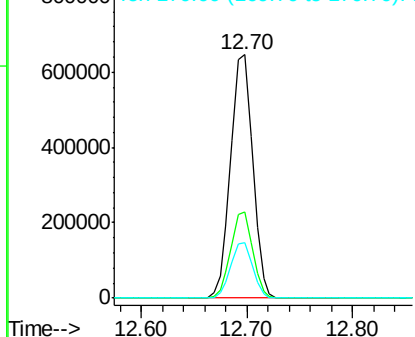


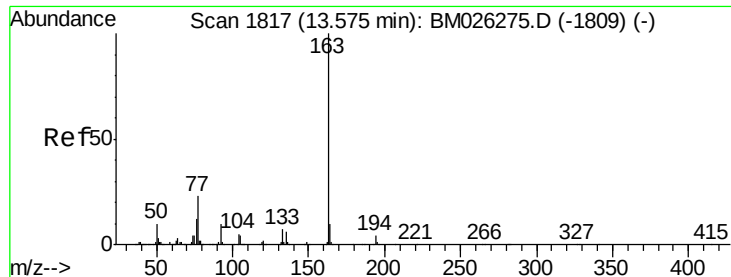
#45
 2-Fluorobiphenyl
 Concen: 41.112 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BM026305.D
 Acq: 09 Jun 2020 15:53

Tgt Ion:172 Resp: 936097
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.2
 170 22.6 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

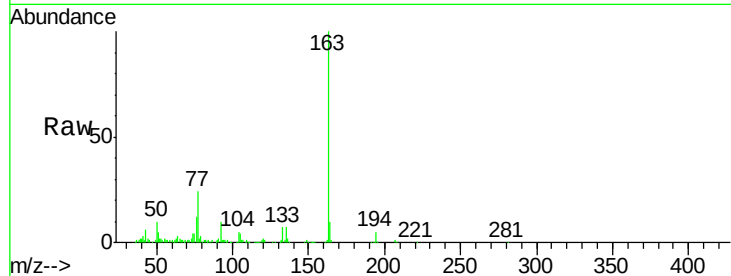




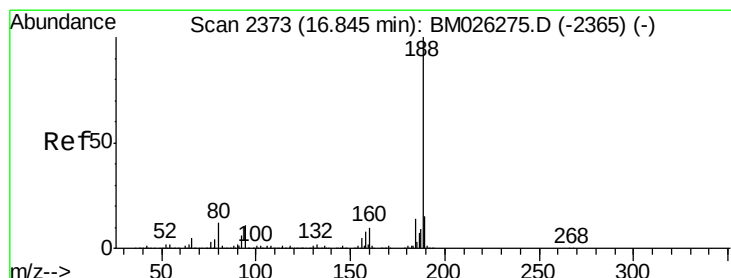
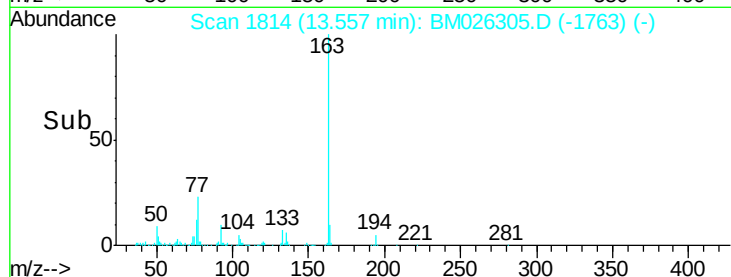
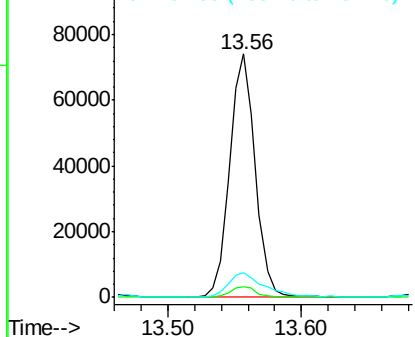
#50
Dimethylphthalate
Concen: 3.920 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM026305.D
Acq: 09 Jun 2020 15:53

Instrument :
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ClientSampleId :
PHC-326FB-011

Tot Ion:163 Resp: 99103
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.4 8.0 12.0

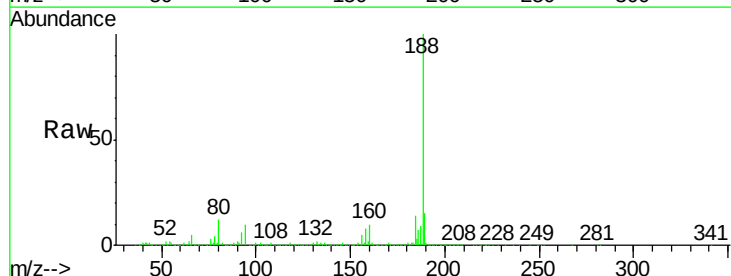


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

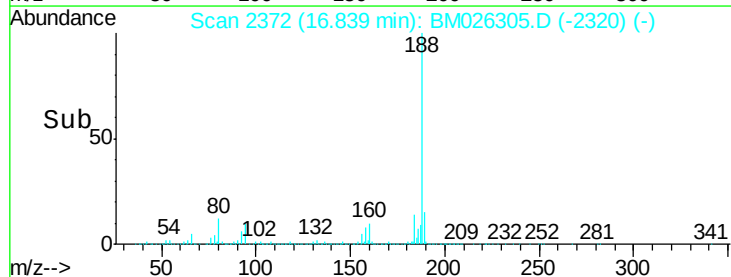
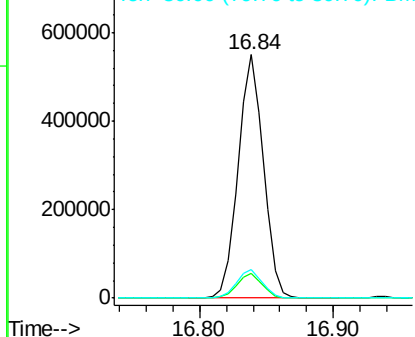


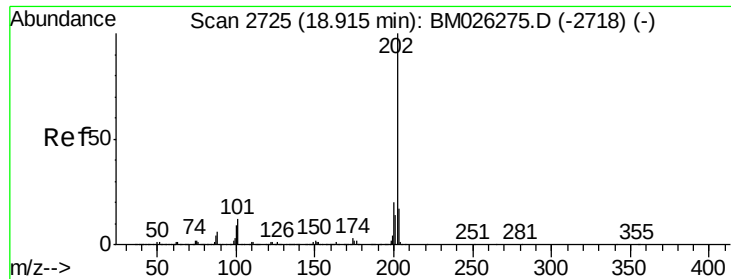
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BM026305.D
Acq: 09 Jun 2020 15:53

Tgt Ion:188 Resp: 717451
Ion Ratio Lower Upper
188 100
94 10.1 8.6 12.8
80 11.8 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.127 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.01 min

Lab File: BM026305.D

Acq: 09 Jun 2020 15:53

Instrument :

BNA_M

ClientSampleId :

PHC-326FB-011

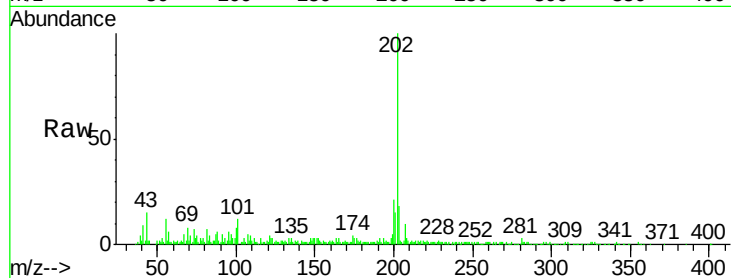
Tot Ion:202 Resp: 91089

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.6

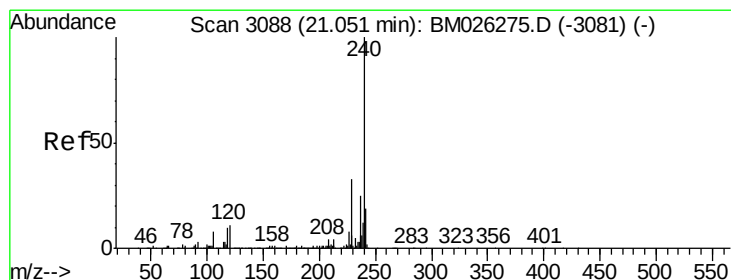
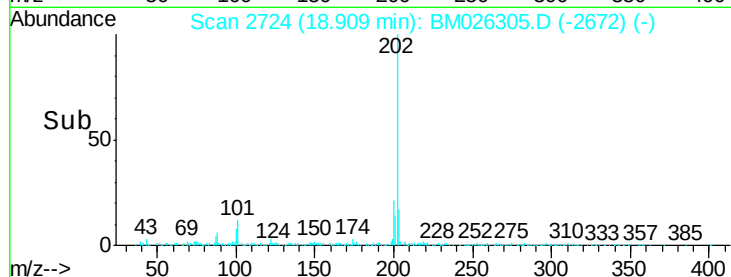
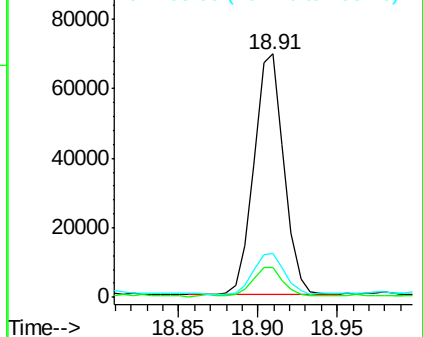
203 17.9 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM026305.D

Acq: 09 Jun 2020 15:53

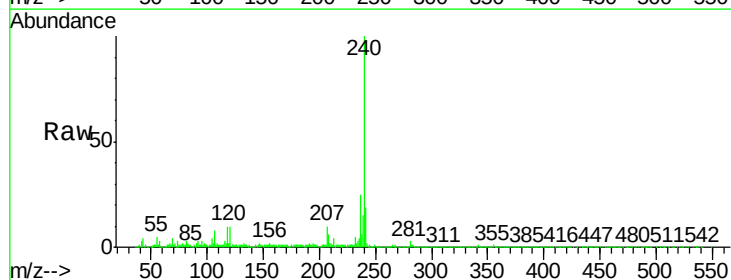
Tgt Ion:240 Resp: 734979

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

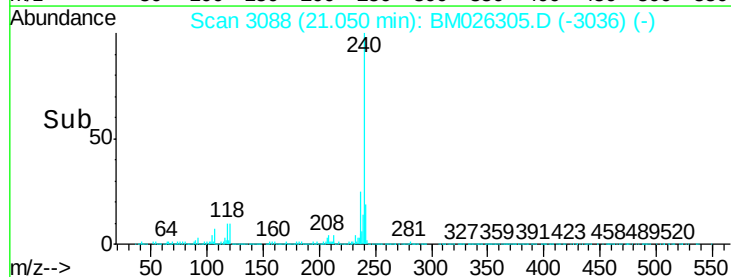
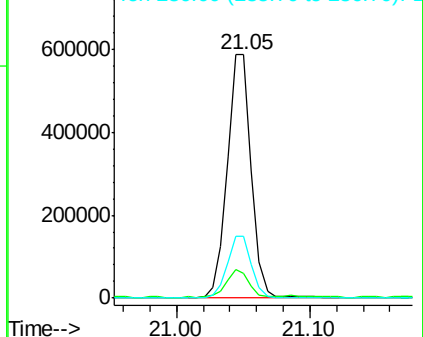
236 25.4 19.7 29.5

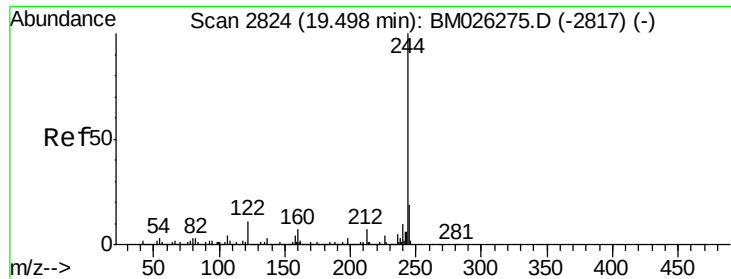


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 37.456 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM026305.D

Acq: 09 Jun 2020 15:53

Instrument :

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PHC-326FB-011

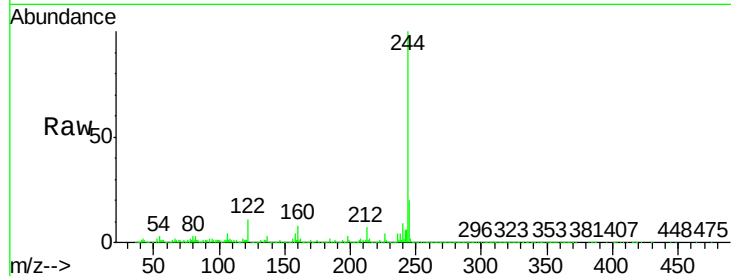
Tot Ion:244 Resp: 1418185

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

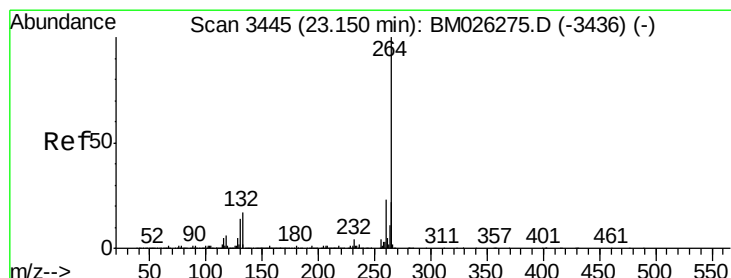
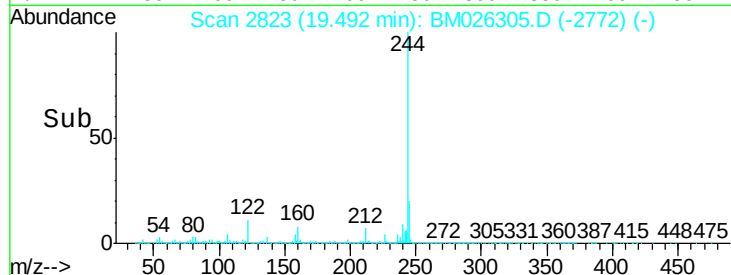
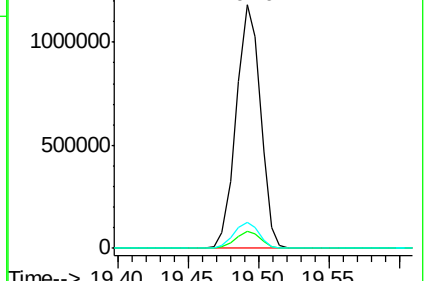
122 10.7 9.1 13.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. 0.01 min

Lab File: BM026305.D

Acq: 09 Jun 2020 15:53

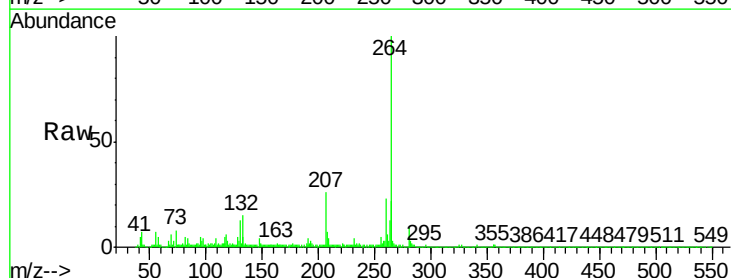
Tgt Ion:264 Resp: 813596

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.4 18.2 27.2



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

