

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020256.D
 Acq On : 11 May 2019 01:30
 Operator : JU/SJ
 Sample : K2759-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-0D015-03-004

Quant Time: May 11 05:54:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

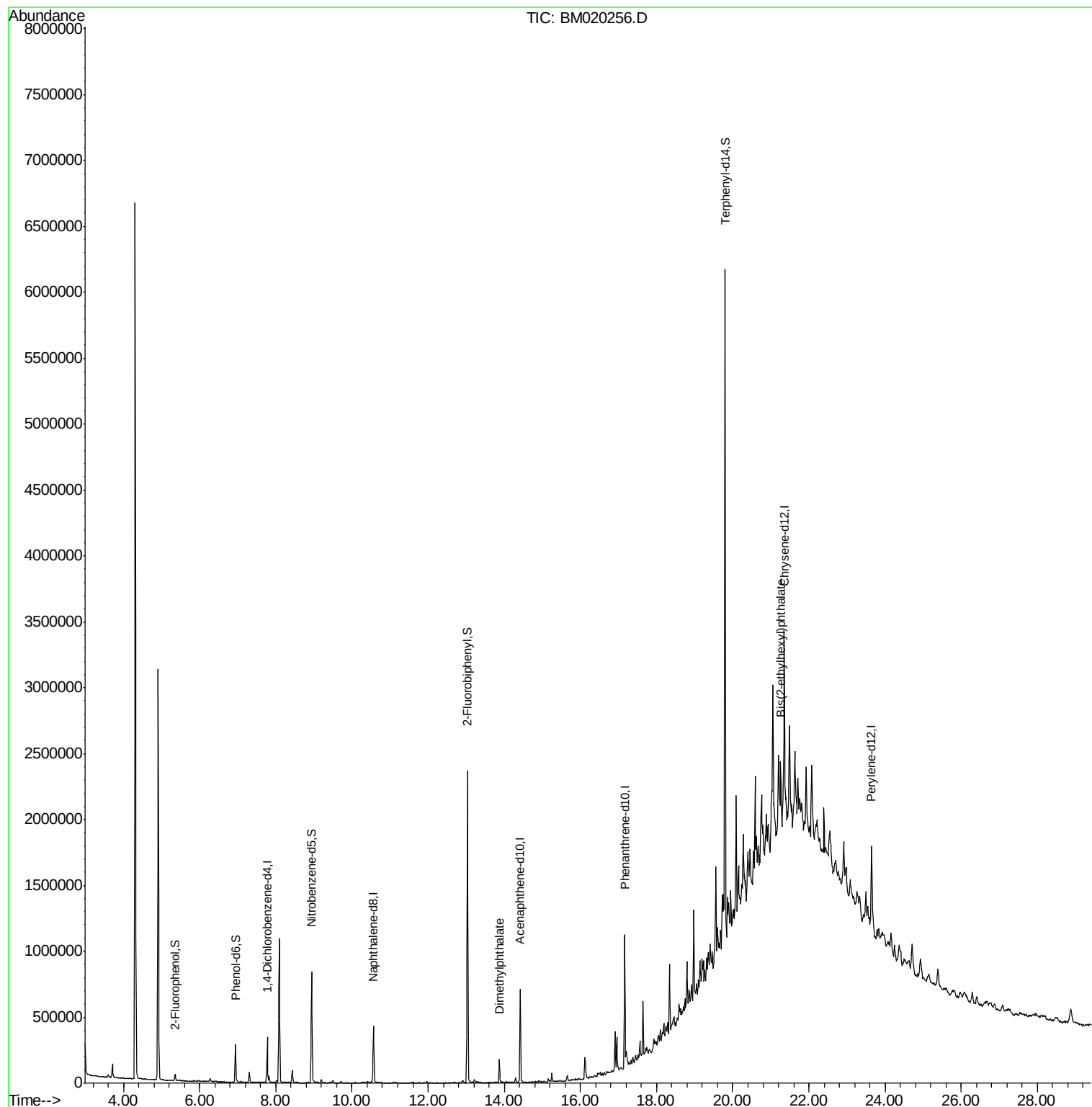
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	90242	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	351076	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	228989	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	577318	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	514167	20.00	ng	-0.01
87) Perylene-d12	23.64	264	495519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	21279	3.85	ng	-0.01
7) Phenol-d6	6.94	99	160861	21.33	ng	-0.01
23) Nitrobenzene-d5	8.94	82	551914	62.07	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	571	0.16	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	1211125	65.07	ng	-0.02
79) Terphenyl-d14	19.80	244	2281937	77.41	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.87	163	105541	5.423	ng	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	86071	4.418	ng	# 93

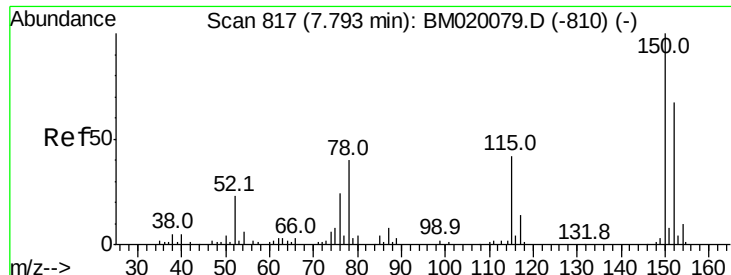
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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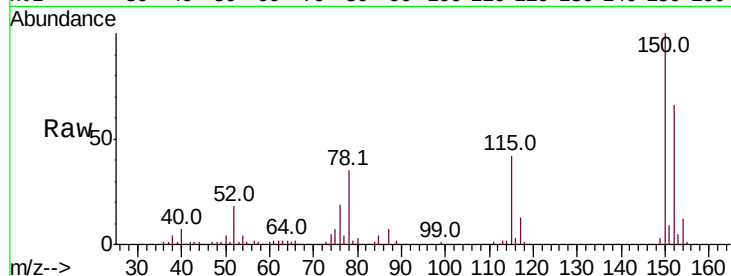


#1

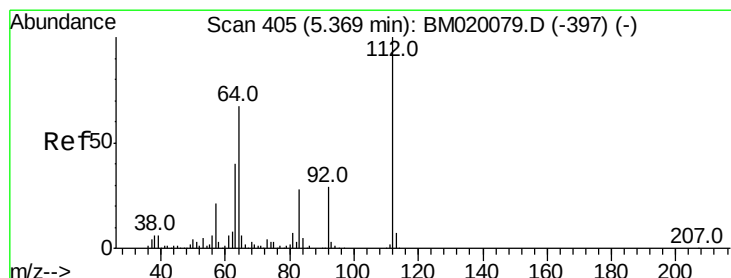
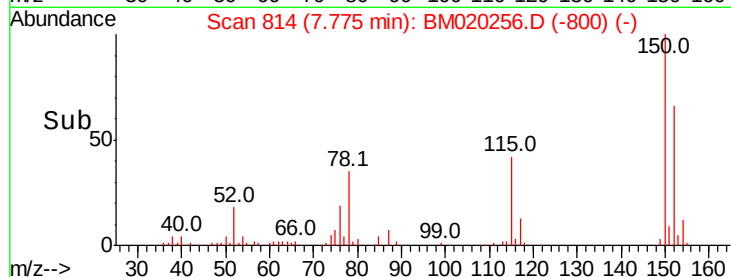
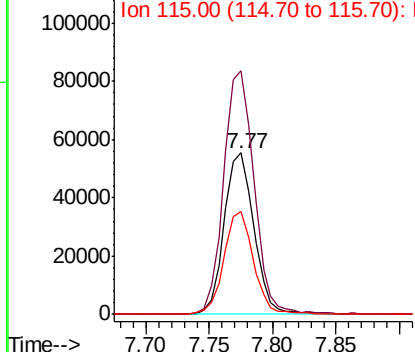
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020256.D
Acq: 11 May 2019 01:30

Instrument :
BNA_M
ClientSampleId :
FK-0D015-03-004

Tot Ion:152 Resp: 90242
Ion Ratio Lower Upper
152 100
150 150.8 119.8 179.8
115 63.4 50.8 76.2



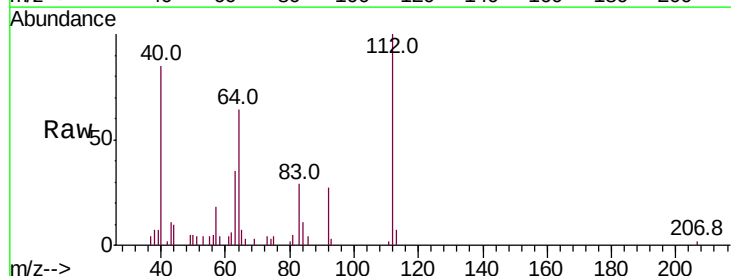
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



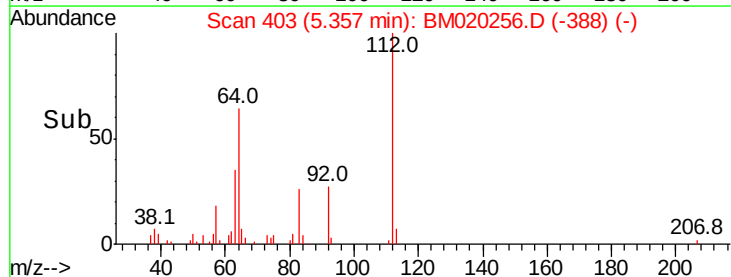
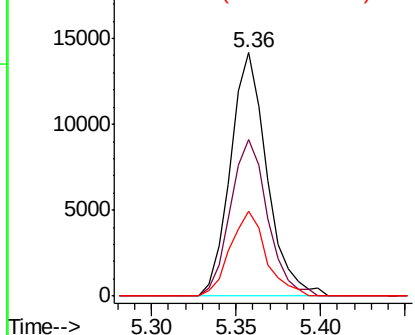
#5

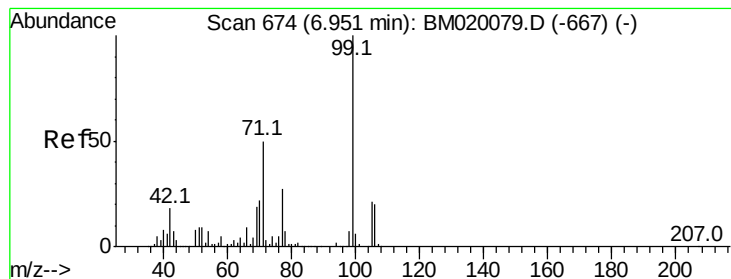
2-Fluorophenol
Concen: 3.854 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020256.D
Acq: 11 May 2019 01:30

Tgt Ion:112 Resp: 21279
Ion Ratio Lower Upper
112 100
64 64.2 53.8 80.6
63 34.7 32.3 48.5



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: 21.328 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020256.D

Acq: 11 May 2019 01:30

Instrument :

BNA_M

ClientSampleId :

FK-0D015-03-004

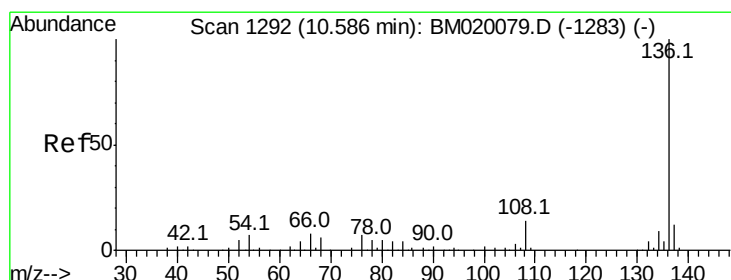
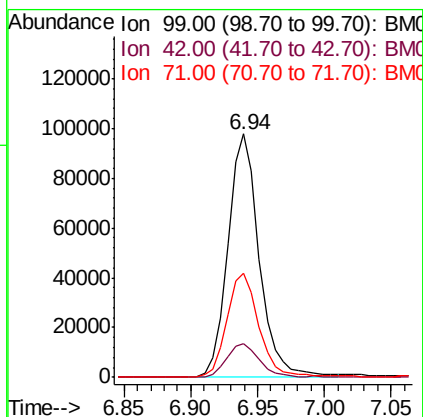
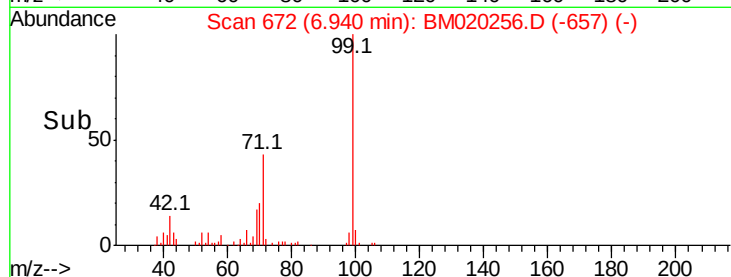
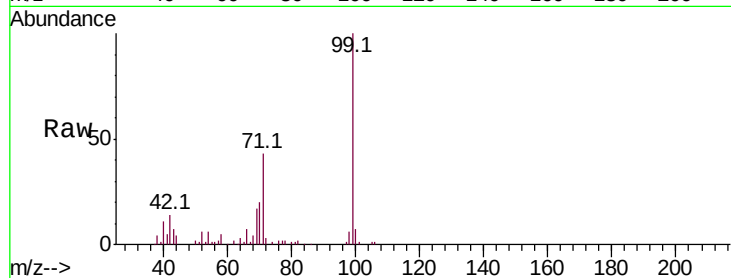
Tot Ion: 99 Resp: 160861

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.2#

71 42.7 40.3 60.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BM020256.D

Acq: 11 May 2019 01:30

Tgt Ion: 136 Resp: 351076

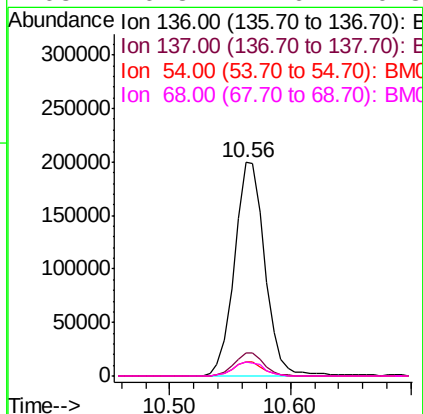
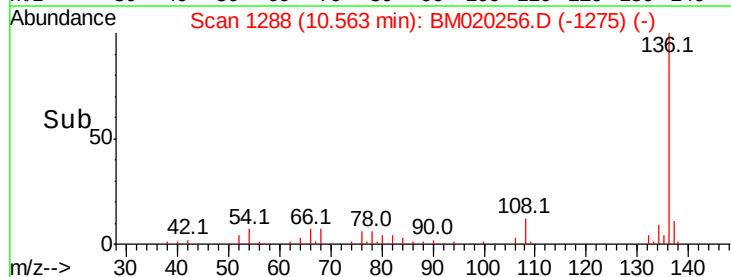
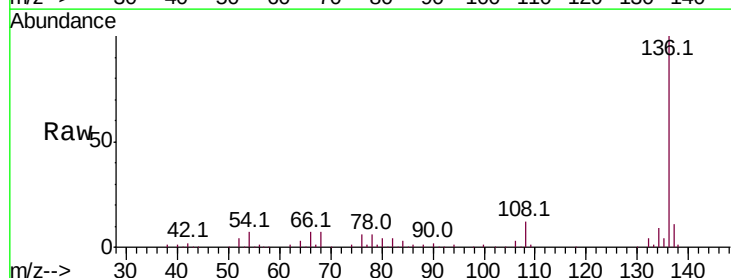
Ion Ratio Lower Upper

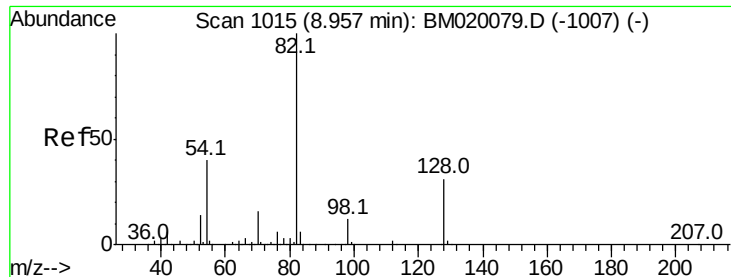
136 100

137 11.0 9.6 14.4

54 6.6 5.5 8.3

68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 62.065 ng

RT: 8.94 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BM020256.D

Acq: 11 May 2019 01:30

Instrument :

BNA_M

ClientSampleId :

FK-0D015-03-004

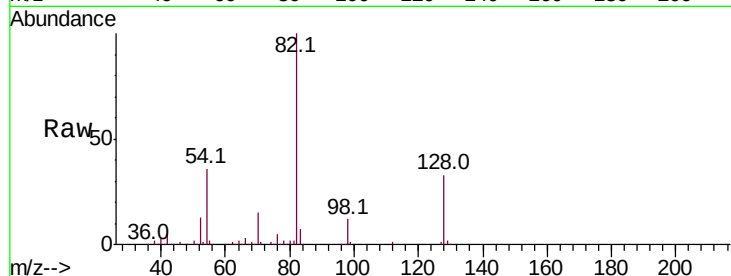
Tot Ion: 82 Resp: 551914

Ion Ratio Lower Upper

82 100

128 33.1 25.2 37.8

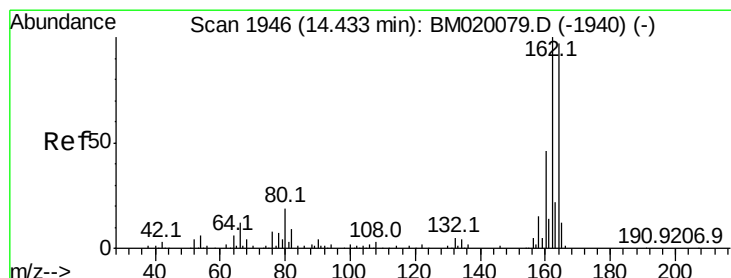
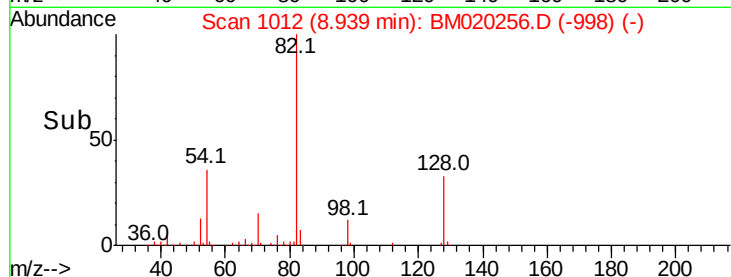
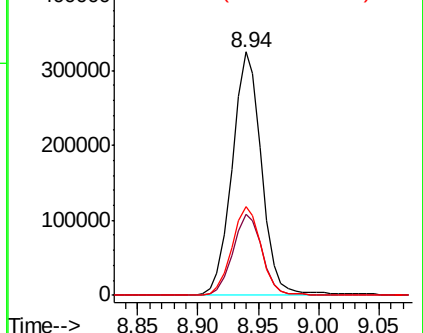
54 36.3 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM020256.D

Acq: 11 May 2019 01:30

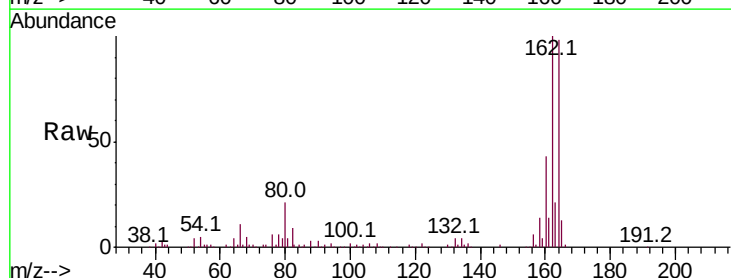
Tgt Ion: 164 Resp: 228989

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

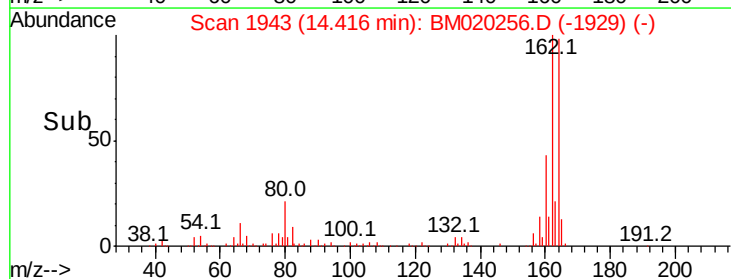
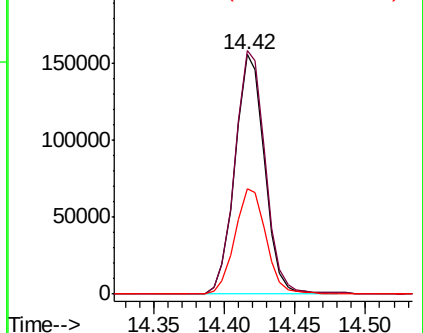
160 43.7 37.6 56.4

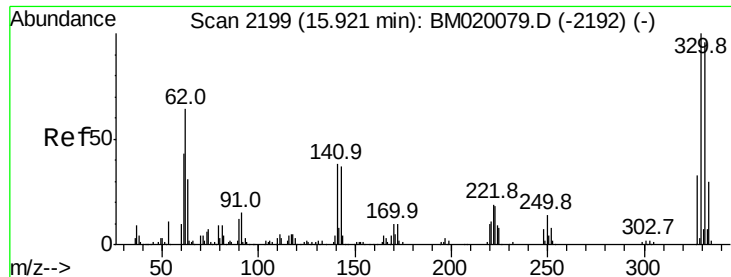


Abundance Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BM020079.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BM020079.D (-1940) (-)

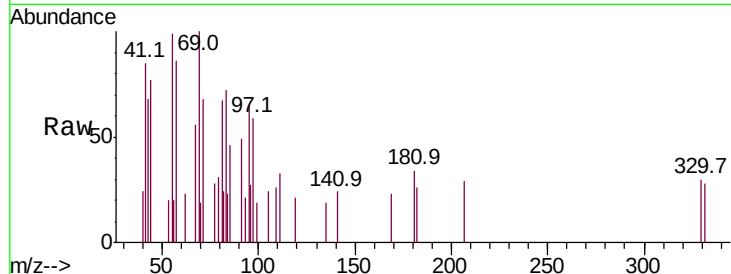




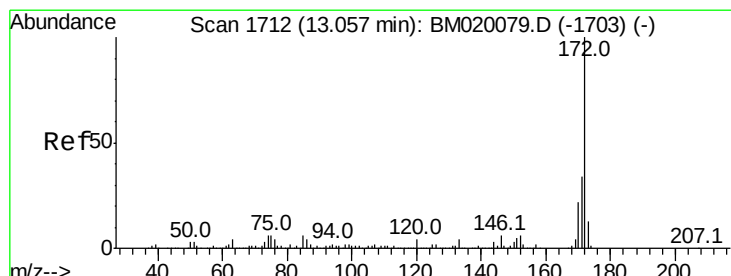
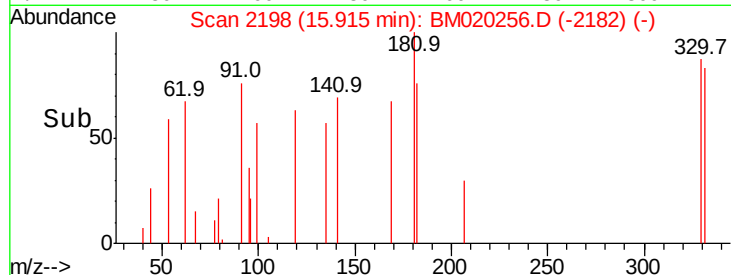
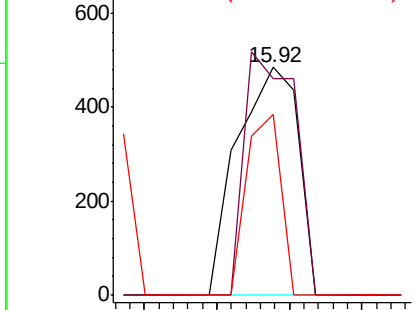
#42
 2,4,6-Tribromophenol
 Concen: 0.161 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020256.D
 Acq: 11 May 2019 01:30

Instrument :
 BNA_M
 ClientSampleId :
 FK-0D015-03-004

Tot Ion:330 Resp: 571
 Ion Ratio Lower Upper
 330 100
 332 88.8 76.8 115.2
 141 44.7 29.2 43.8#

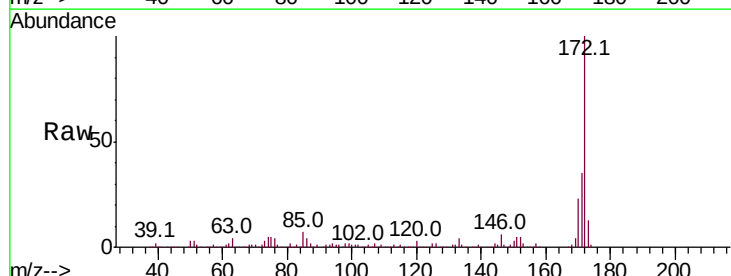


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

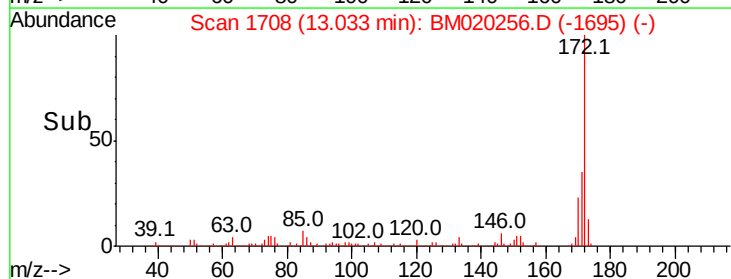
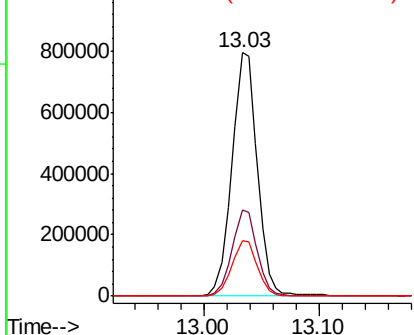


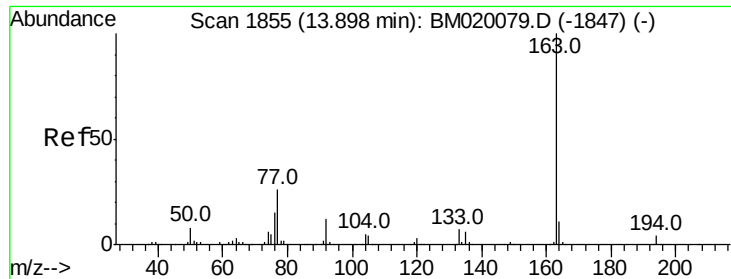
#45
 2-Fluorobiphenyl
 Concen: 65.074 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM020256.D
 Acq: 11 May 2019 01:30

Tgt Ion:172 Resp: 1211125
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.3 40.9
 170 22.9 17.9 26.9



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

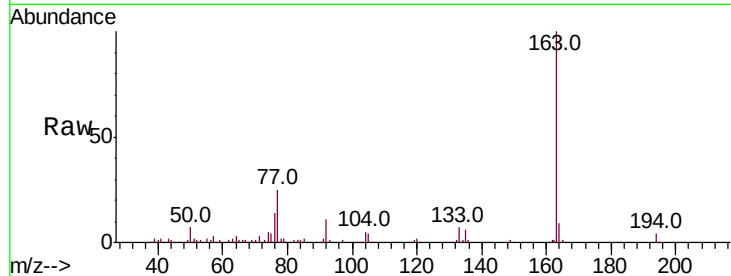




#50
Dimethylphthalate
Concen: 5.423 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM020256.D
Acq: 11 May 2019 01:30

Instrument :
BNA_M
ClientSampleId :
FK-0D015-03-004

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	9.4	8.4	12.6

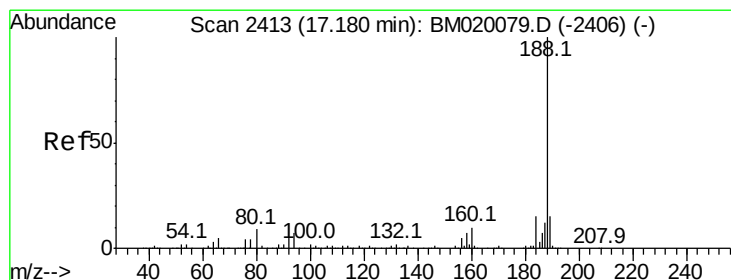
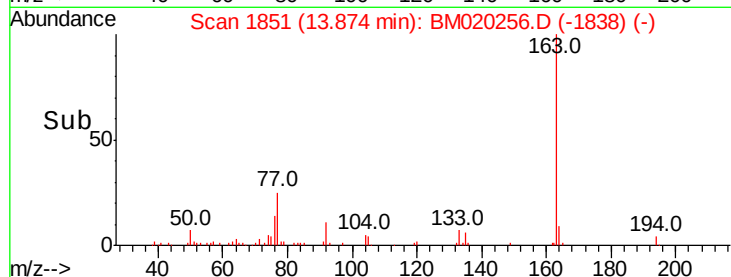
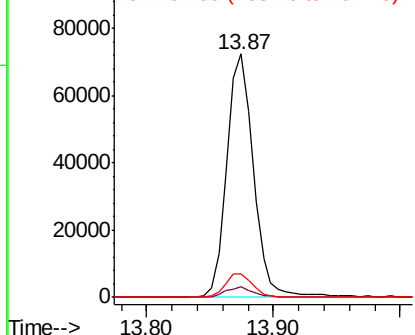


Abundance

Ion 163.00 (162.70 to 163.70): E

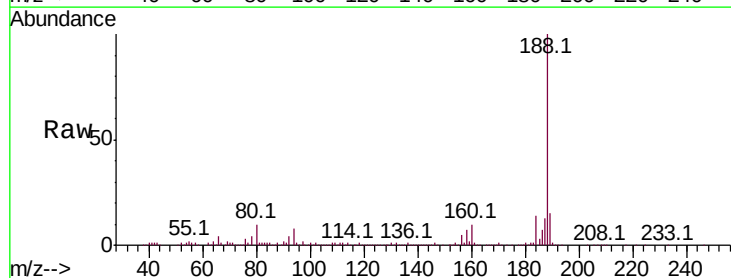
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020256.D
Acq: 11 May 2019 01:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.6
80	9.8	7.4	11.2

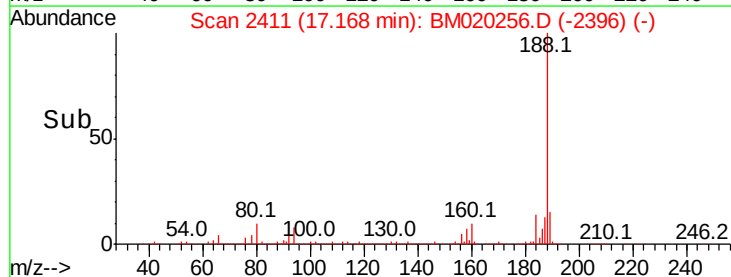
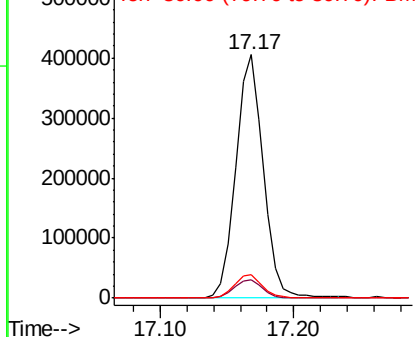


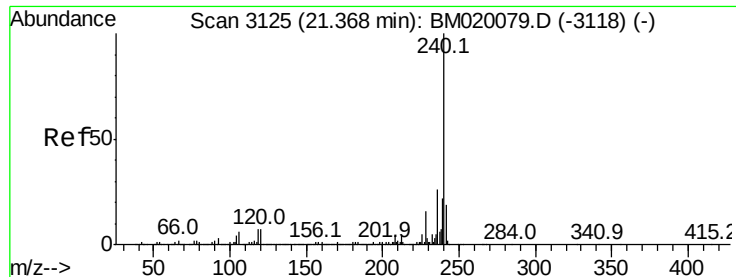
Abundance

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

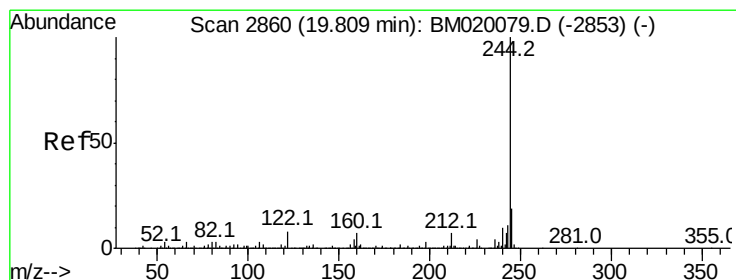
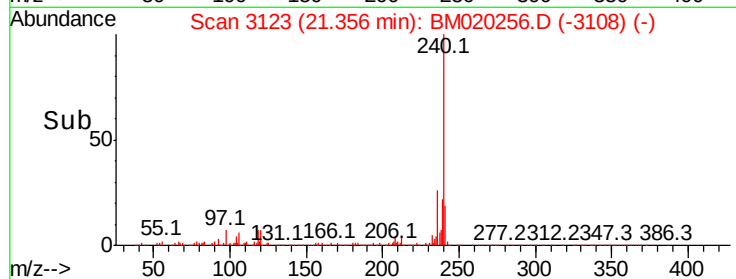
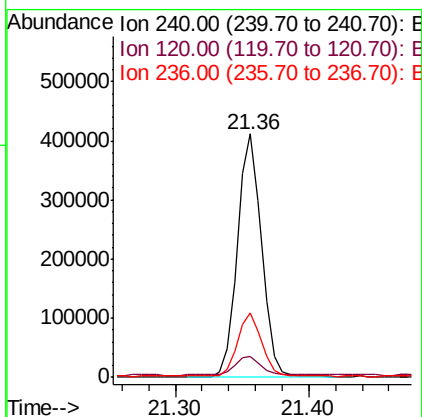
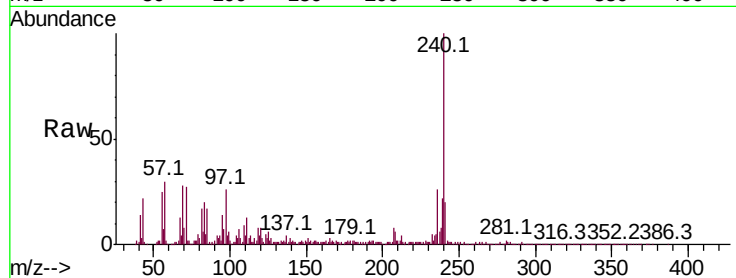




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.36 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM020256.D
 Acq: 11 May 2019 01:30

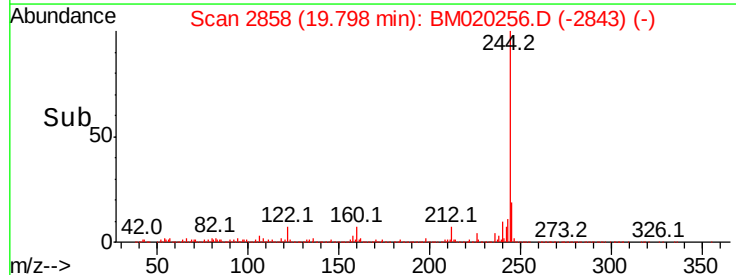
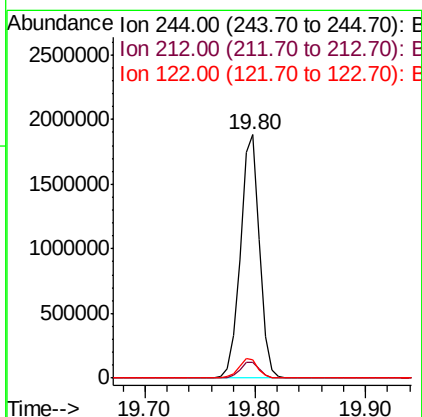
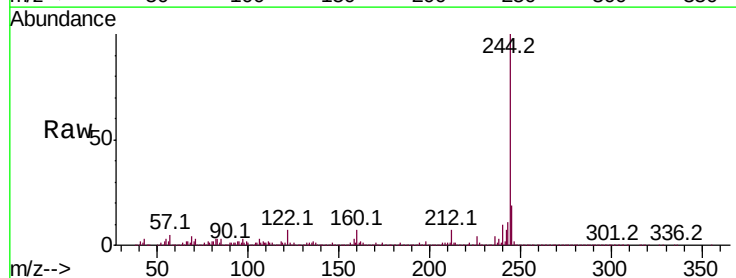
Instrument :
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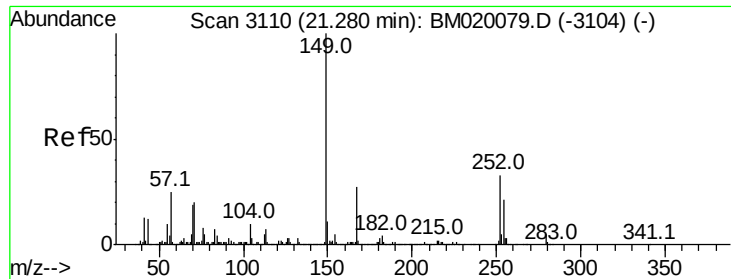
Tot Ion:240 Resp: 514167
 Ion Ratio Lower Upper
 240 100
 120 8.4 5.6 8.4
 236 26.3 20.9 31.3



#79
 Terphenyl-d14
 Concen: 77.411 ng
 RT: 19.80 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM020256.D
 Acq: 11 May 2019 01:30

Tgt Ion:244 Resp: 2281937
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 7.3 6.2 9.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.418 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020256.D

Acq: 11 May 2019 01:30

Instrument :

BNA_M

ClientSampleId :

FK-0D015-03-004

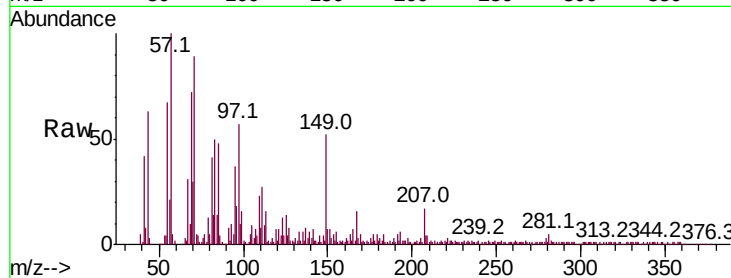
Tot Ion:149 Resp: 86071

Ion Ratio Lower Upper

149 100

167 31.3 21.8 32.8

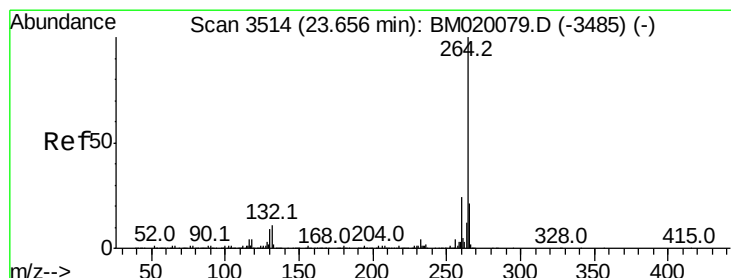
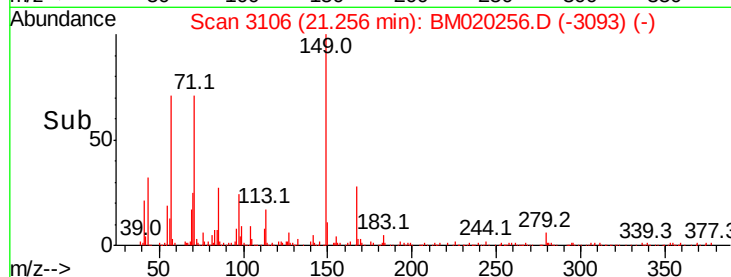
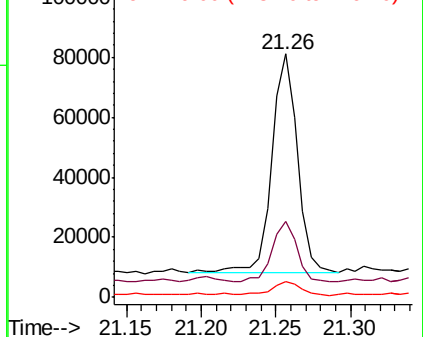
279 6.7 4.2 6.2#



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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020256.D

Acq: 11 May 2019 01:30

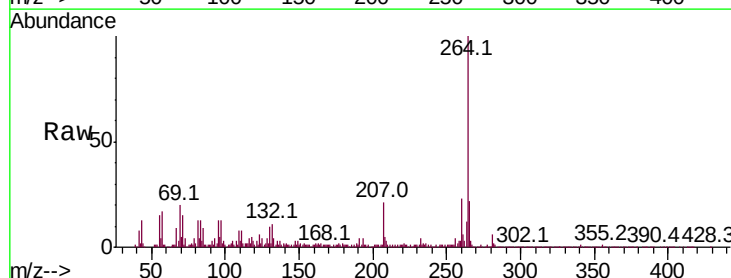
Tgt Ion:264 Resp: 495519

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.4 16.9 25.3



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

