

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017594.D
 Acq On : 09 Nov 2018 16:48
 Operator : MJ/SJ
 Sample : J5860-24
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-111(14-16)

Quant Time: Nov 12 01:01:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

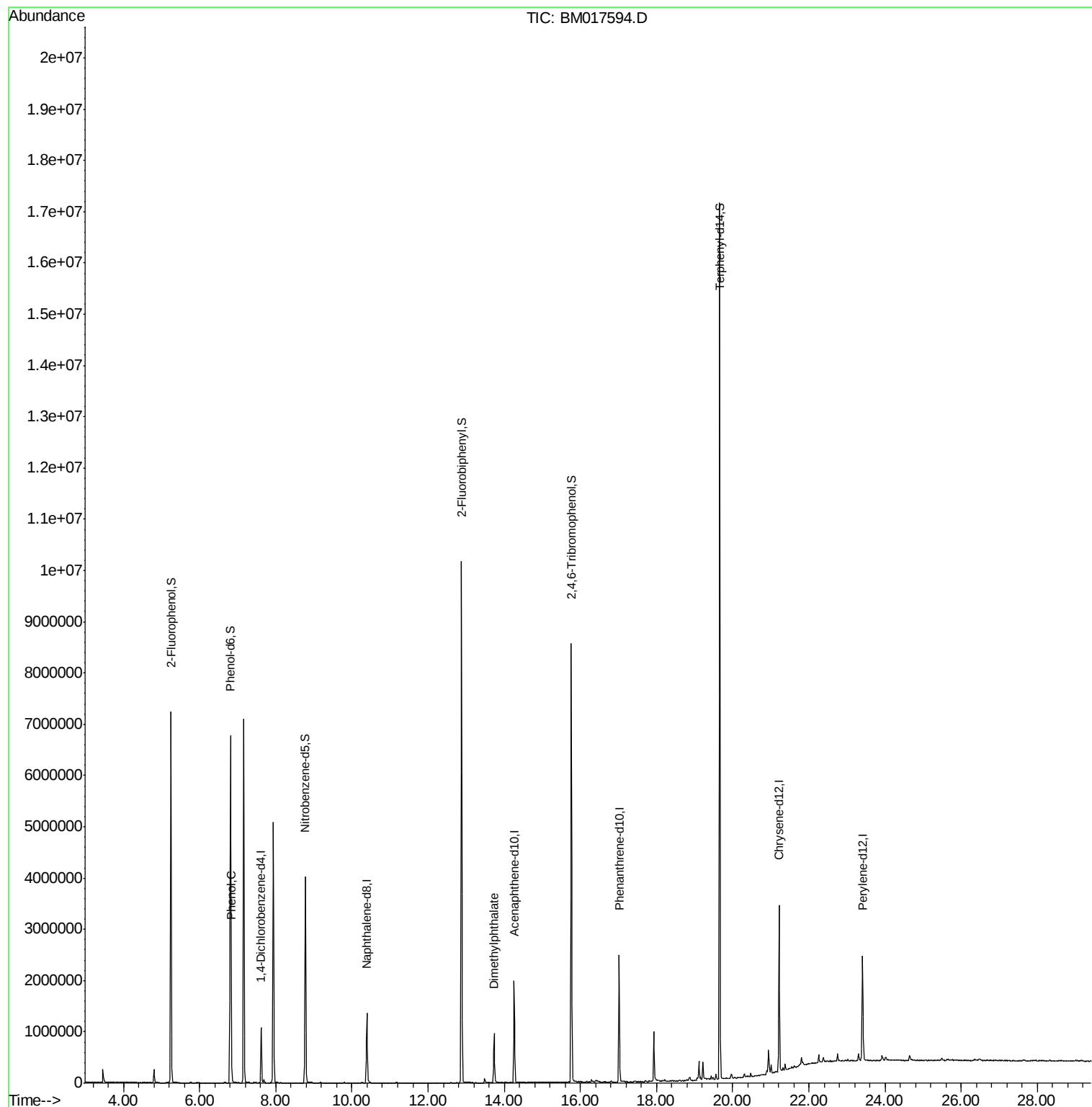
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	276713	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	1115643	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	637480	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1431617	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1561314	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1430535	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2720319	166.27	ng	-0.02
7) Phenol-d6	6.82	99	3743649	168.01	ng	-0.02
23) Nitrobenzene-d5	8.77	82	2308032	120.99	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	1511232	175.30	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	5144053	107.37	ng	-0.02
79) Terphenyl-d14	19.66	244	7539074	108.84	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	202353	8.438	ng	87
50) Dimethylphthalate	13.73	163	669317	13.609	ng	100

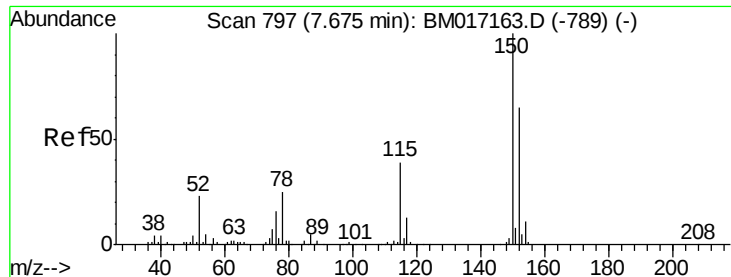
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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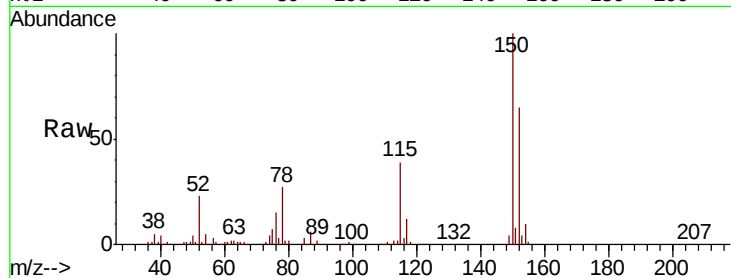


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.62 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BM017594.D
 Acq: 09 Nov 2018 16:48

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-111(14-16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.3	186.5
115	60.4	48.1	72.1

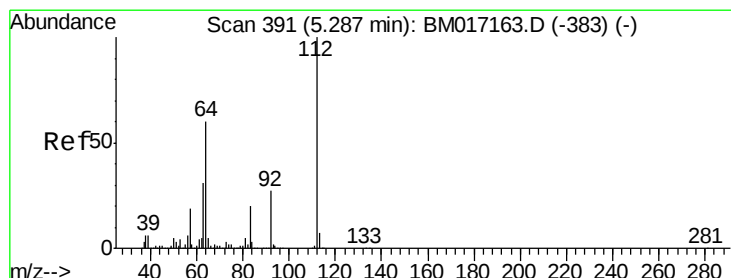
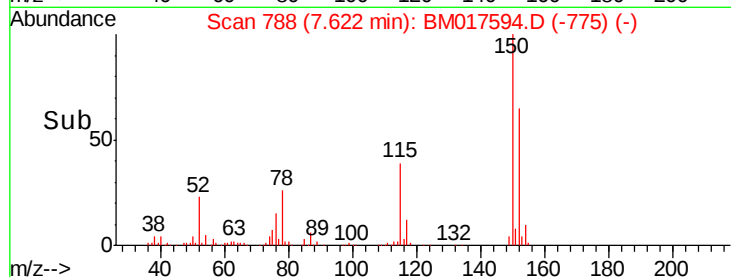
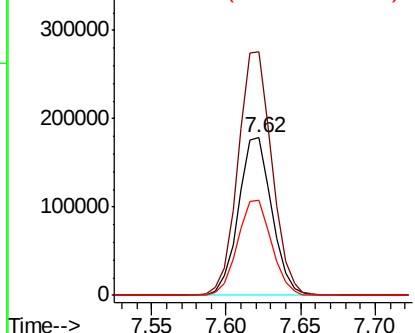


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

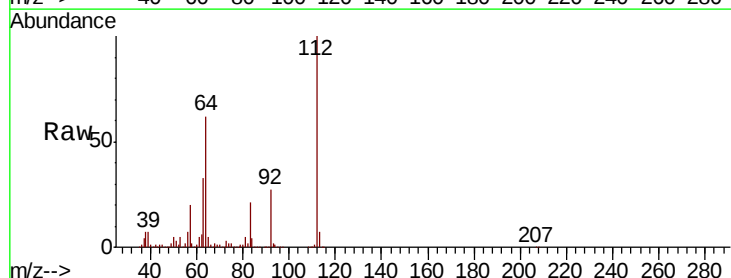
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 166.272 ng
 RT: 5.25 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: BM017594.D
 Acq: 09 Nov 2018 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	41.7	62.5
63	32.9	23.0	34.4

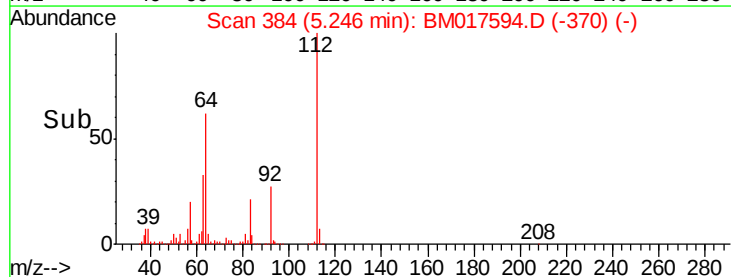
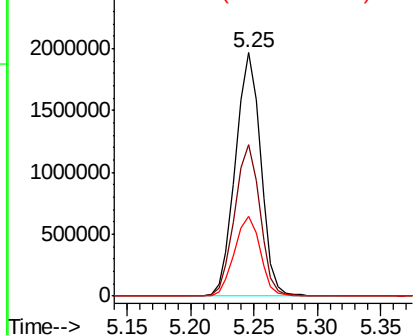


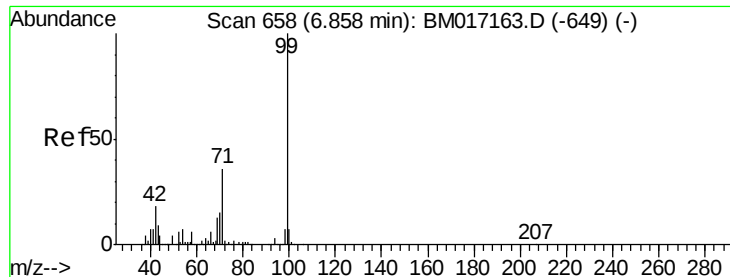
Abundance

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: 168.010 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

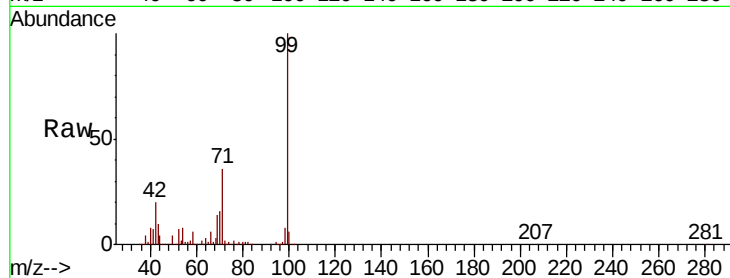
Tot Ion: 99 Resp: 3743649

Ion Ratio Lower Upper

99 100

42 20.0 13.3 19.9#

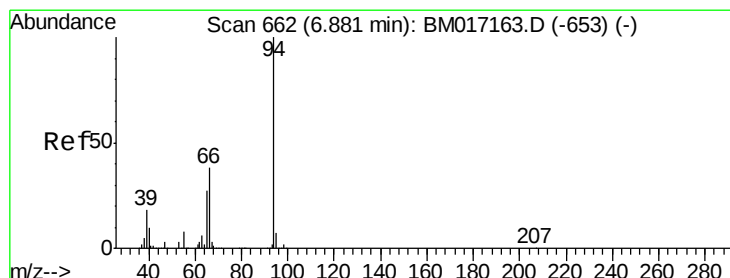
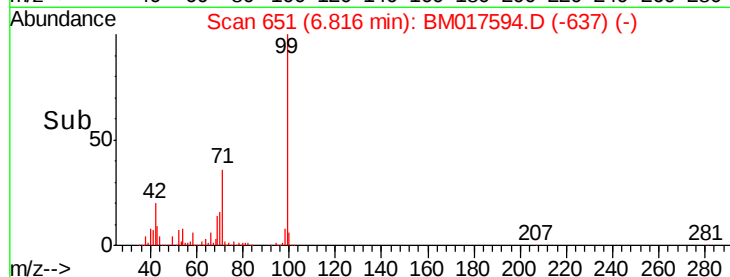
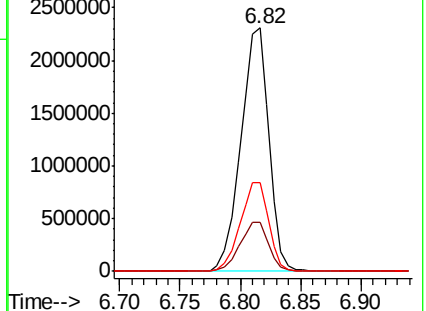
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#10

Phenol

Concen: 8.438 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

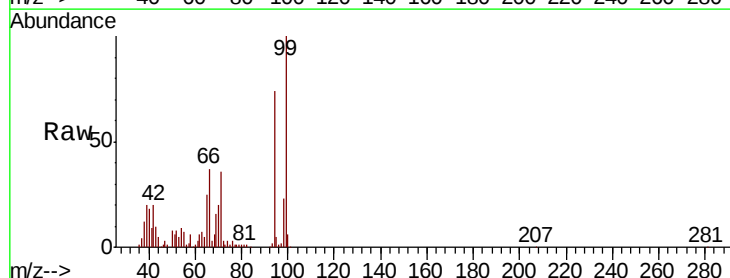
Tgt Ion: 94 Resp: 202353

Ion Ratio Lower Upper

94 100

65 33.6 9.4 49.4

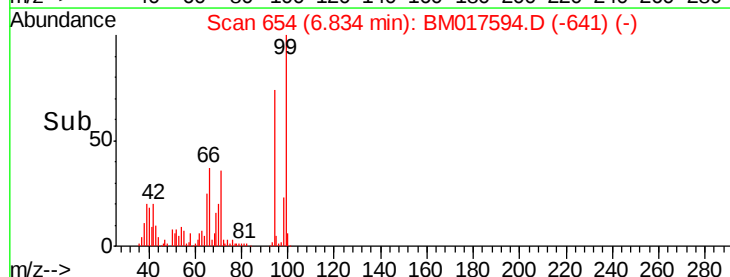
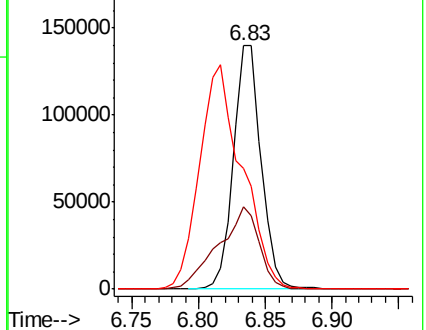
66 49.8 19.0 59.0

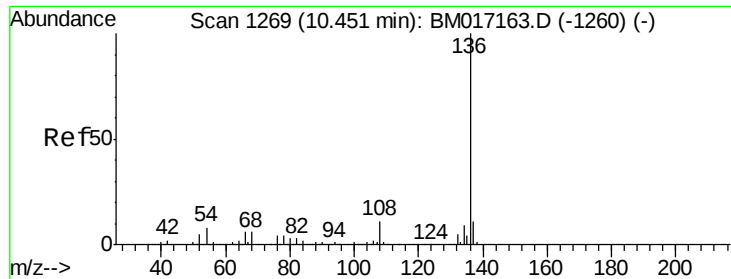


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-653) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

Tot Ion:136 Resp: 1115643

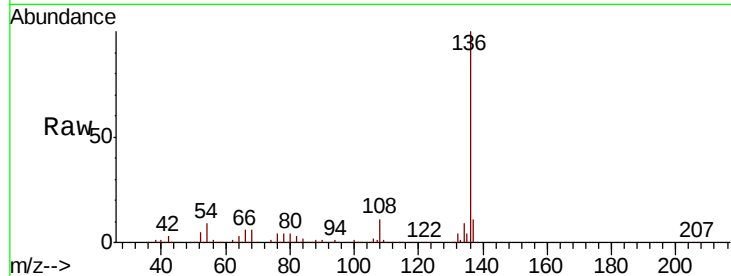
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.6 6.7 10.1

68 5.8 4.7 7.1

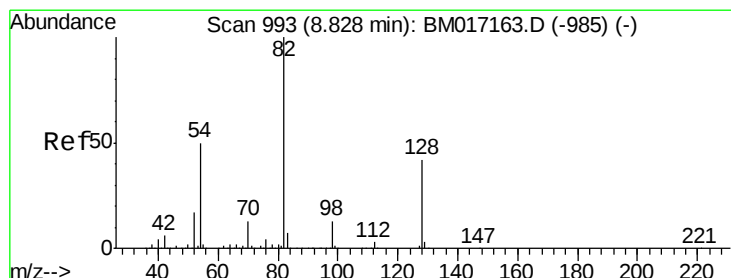
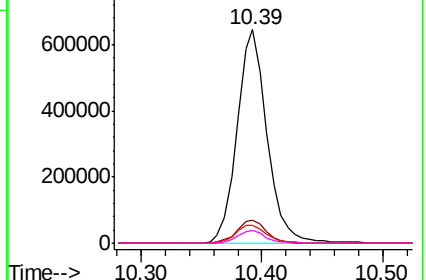
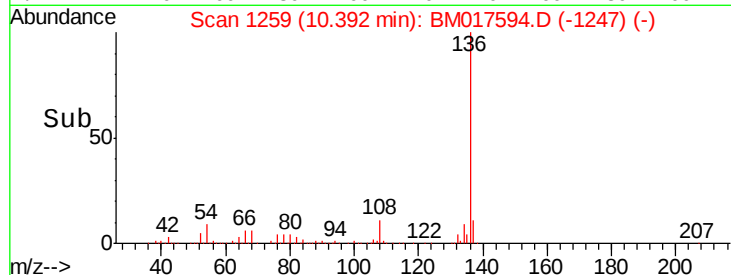


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 120.995 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

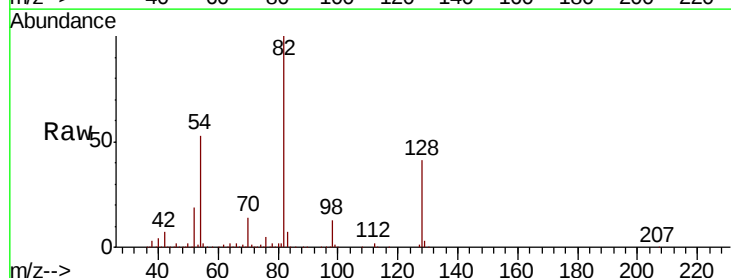
Tgt Ion: 82 Resp: 2308032

Ion Ratio Lower Upper

82 100

128 41.3 37.0 55.6

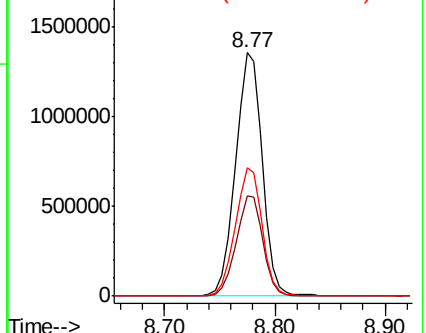
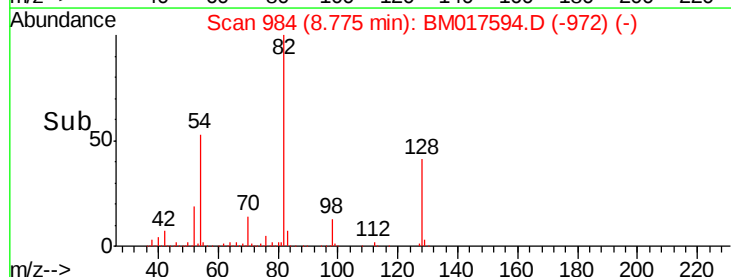
54 52.7 40.7 61.1

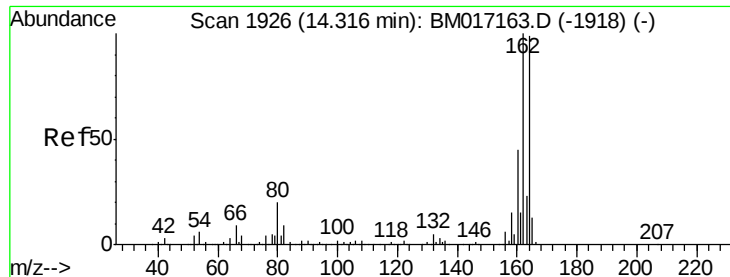


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

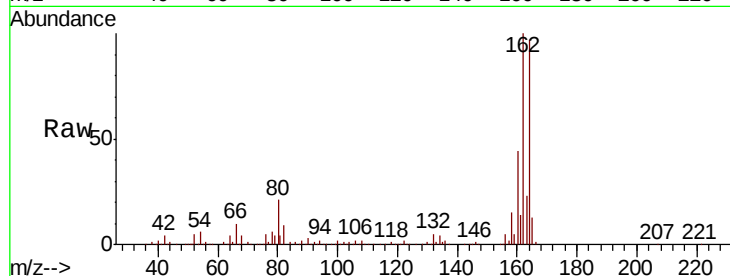
Tot Ion:164 Resp: 637480

Ion Ratio Lower Upper

164 100

162 103.2 82.1 123.1

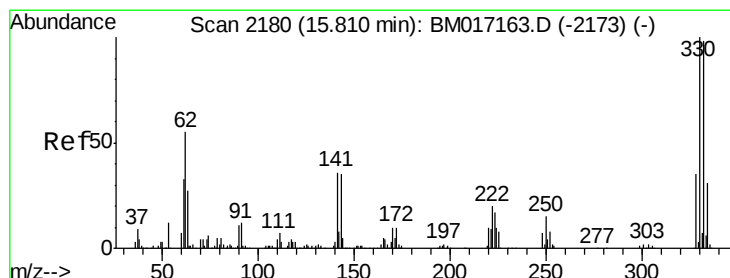
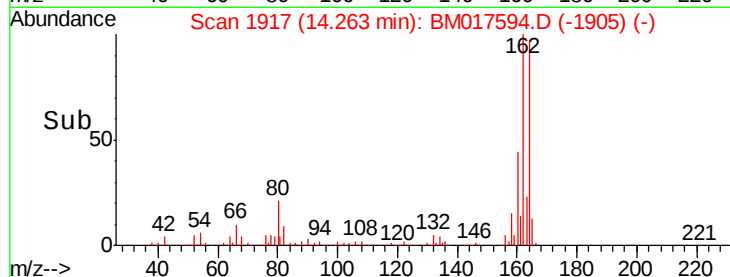
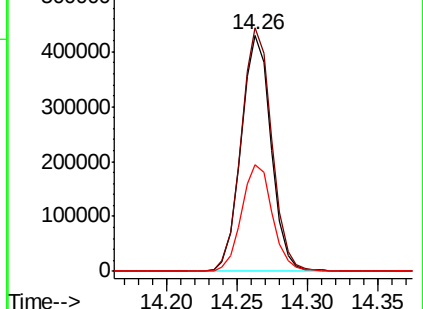
160 45.3 40.2 60.2



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: 175.297 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

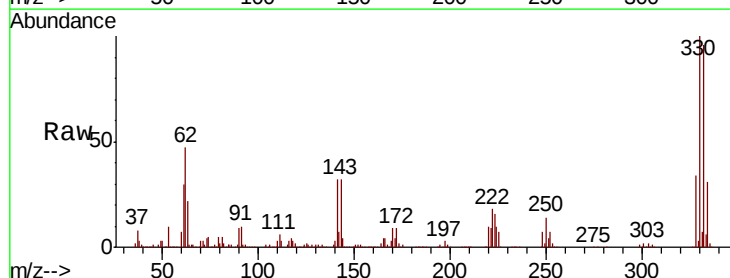
Tgt Ion:330 Resp: 1511232

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

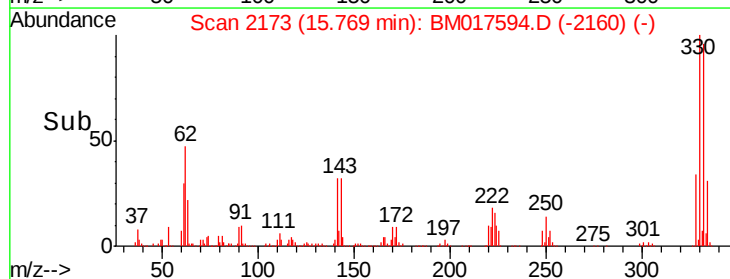
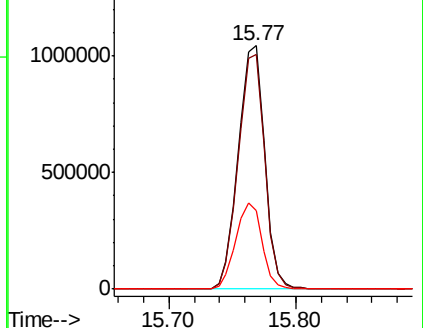
141 35.3 27.4 41.0

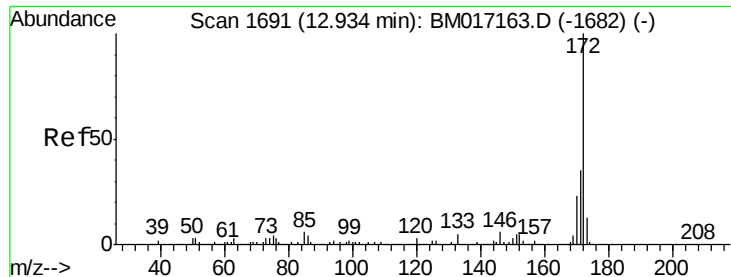


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

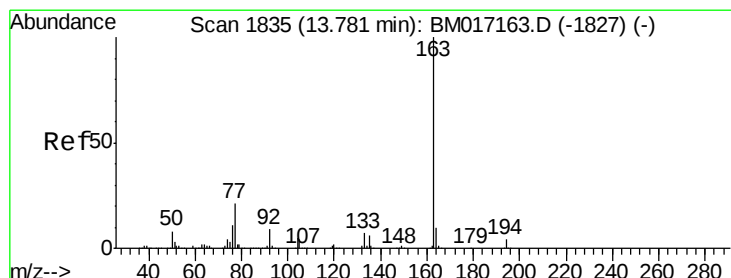
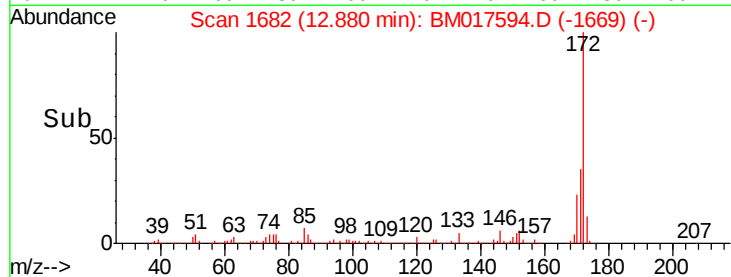
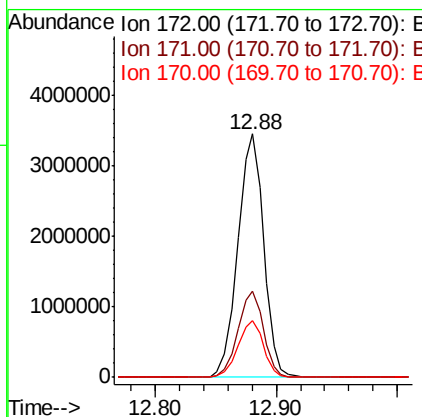
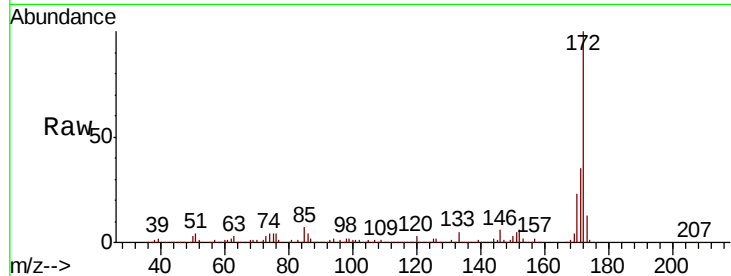




#45
2-Fluorobiphenyl
Concen: 107.366 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017594.D
Acq: 09 Nov 2018 16:48

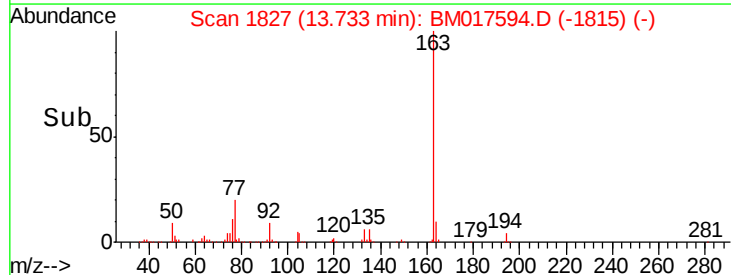
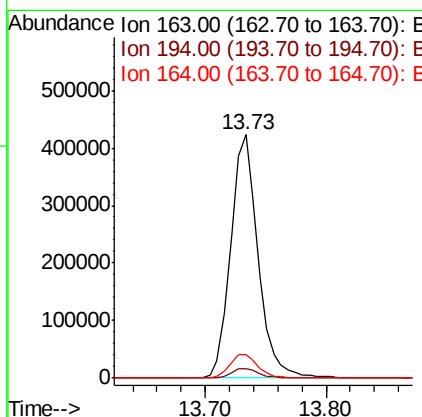
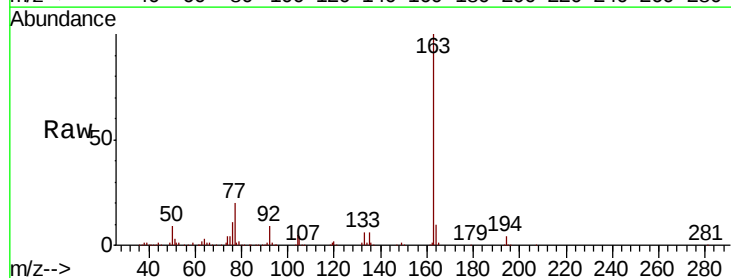
Instrument :
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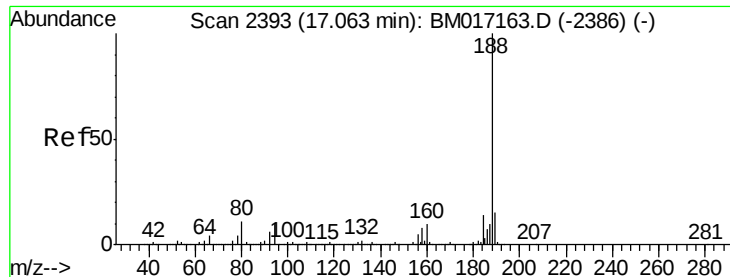
Tot Ion:172 Resp: 5144053
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.3 27.5



#50
Dimethylphthalate
Concen: 13.609 ng
RT: 13.73 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BM017594.D
Acq: 09 Nov 2018 16:48

Tgt Ion:163 Resp: 669317
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

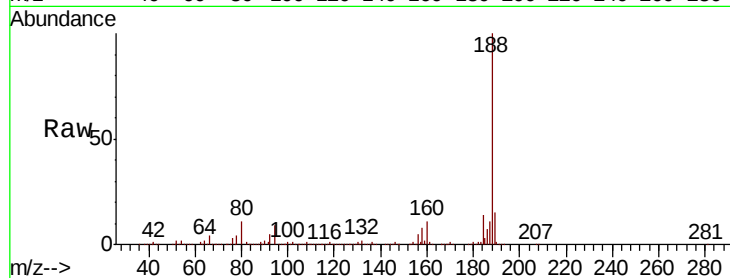
Tot Ion:188 Resp: 1431617

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

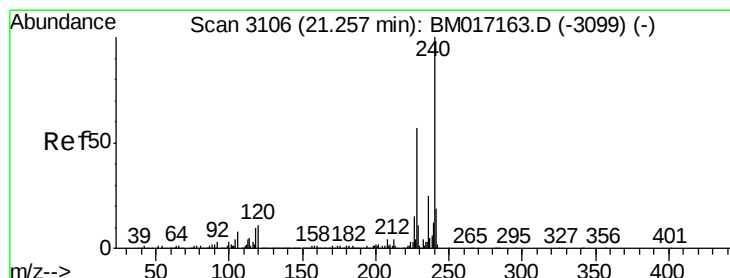
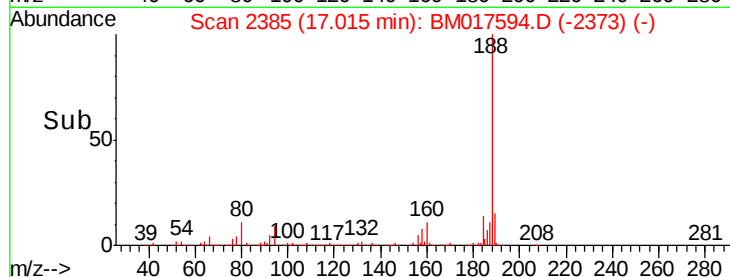
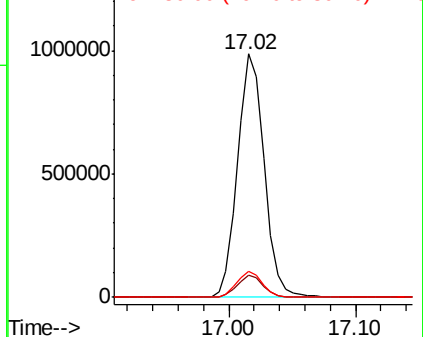
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

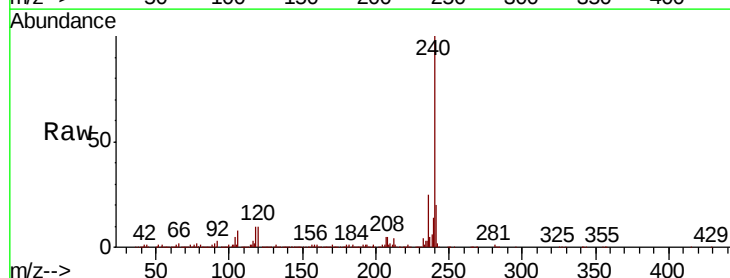
Tgt Ion:240 Resp: 1561314

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

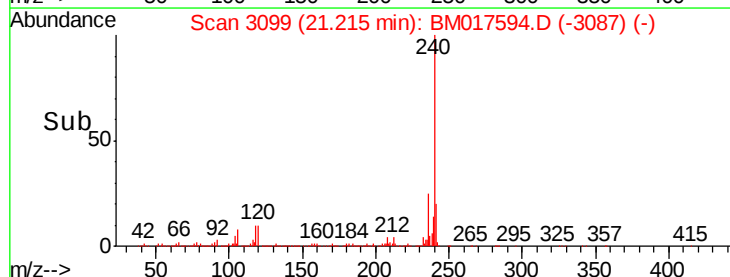
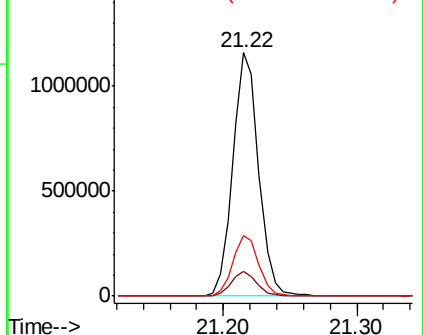
236 25.0 19.9 29.9

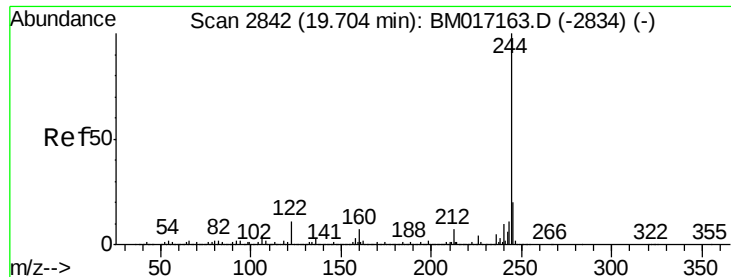


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.838 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

Instrument :

BNA_M

ClientSampleId :

EP2-SB-111(14-16)

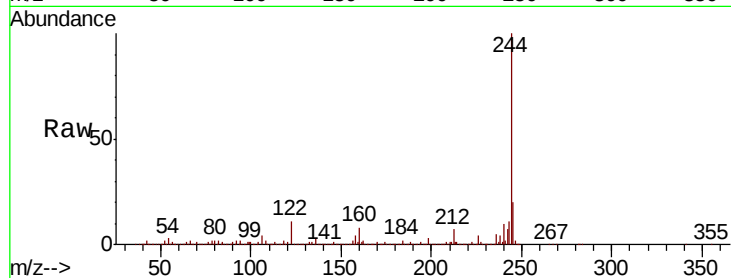
Tot Ion:244 Resp: 7539074

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

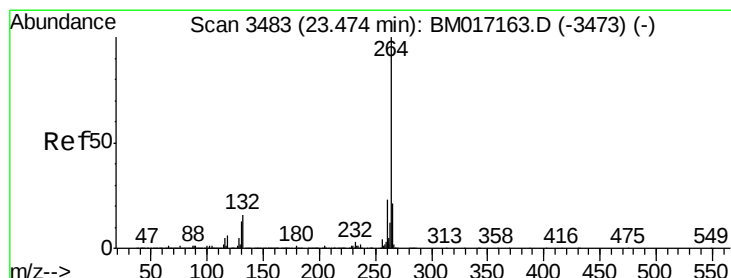
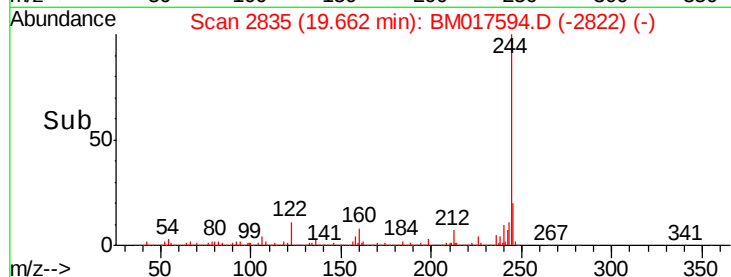
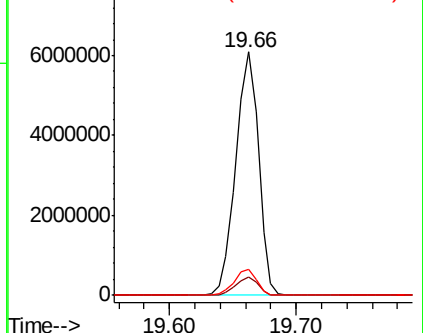
122 10.7 8.4 12.6



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: 23.41 min Scan# 3472

Delta R.T. -0.04 min

Lab File: BM017594.D

Acq: 09 Nov 2018 16:48

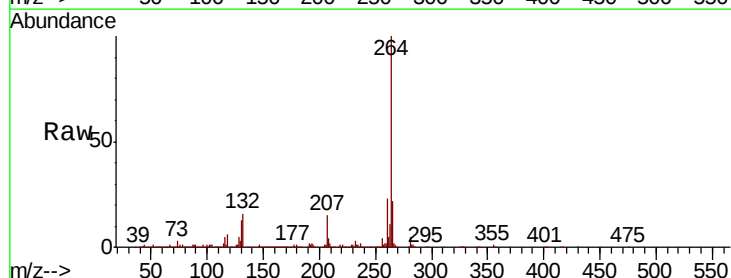
Tgt Ion:264 Resp: 1430535

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.9 17.8 26.8



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

