

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018974.D
 Acq On : 28 Feb 2019 18:02
 Operator : JU/SJ
 Sample : K1638-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-4(NORTH-SITE-WALL)

Quant Time: Mar 01 01:14:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

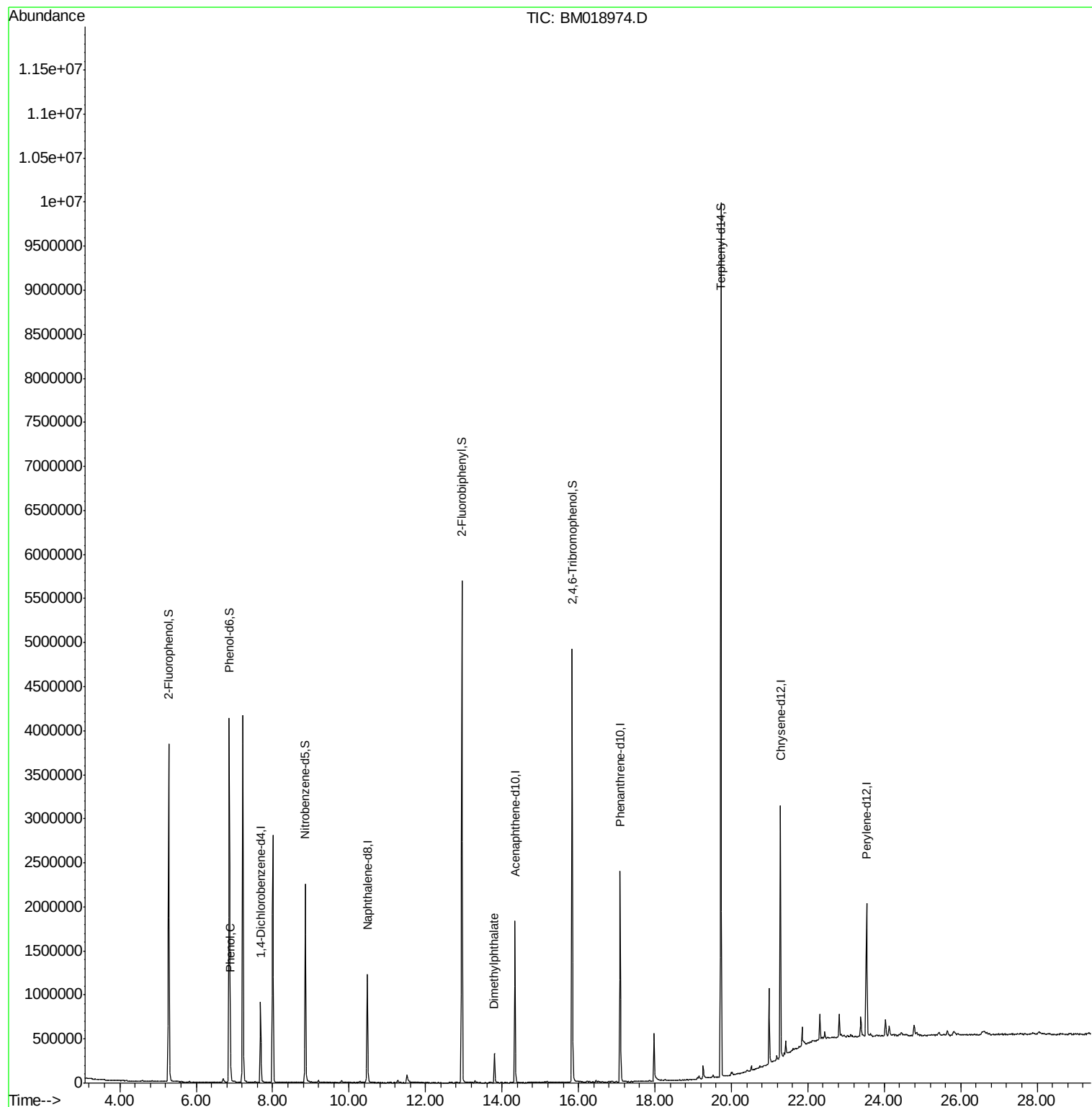
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	236296	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	1011058	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	579750	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1297358	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1227791	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1095952	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1601552	111.05	ng	-0.02
7) Phenol-d6	6.86	99	2339150	115.13	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1503905	68.78	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	917291	109.76	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	2759941	63.20	ng	-0.03
79) Terphenyl-d14	19.73	244	4129508	69.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.87	77	7765	Below Cal		Qvalue # 7
10) Phenol	6.89	94	198133	9.268	ng	98
50) Dimethylphthalate	13.80	163	219262	4.538	ng	99

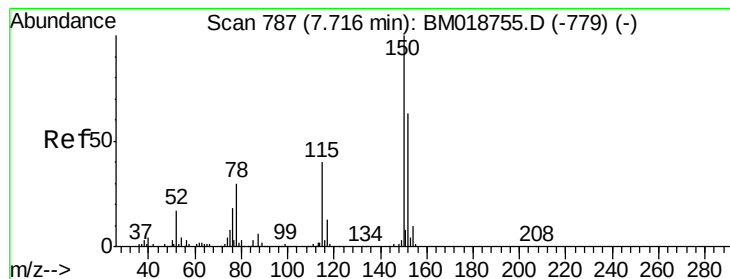
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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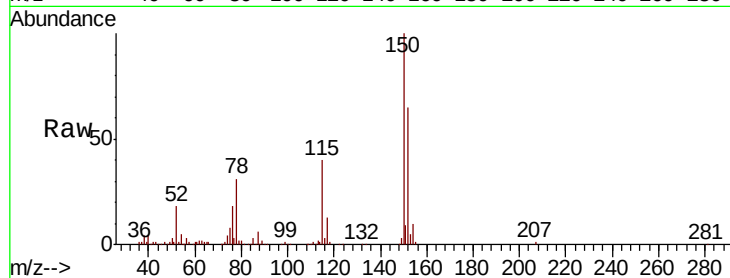


#1

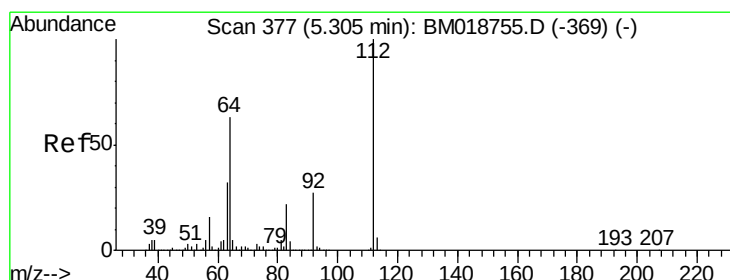
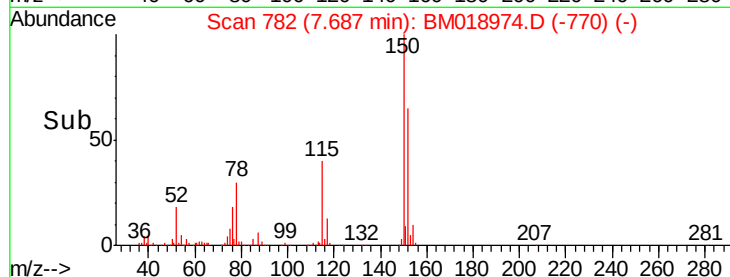
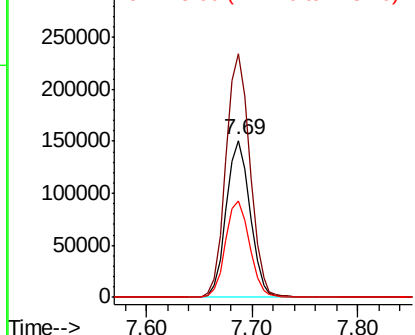
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018974.D
Acq: 28 Feb 2019 18:02

Instrument :
BNA_M
ClientSampleId :
PE-4(NORTH-SITE-WALL)

Tgt Ion:152 Resp: 236296
Ion Ratio Lower Upper
152 100
150 154.9 127.3 190.9
115 61.3 50.8 76.2



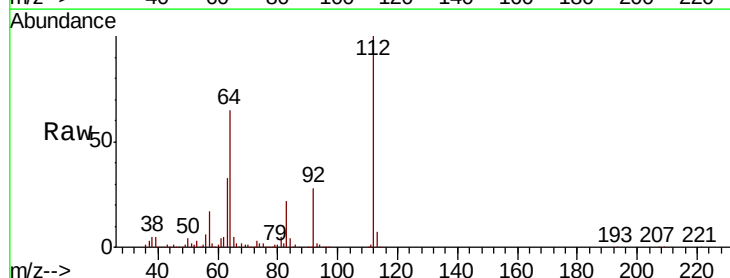
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



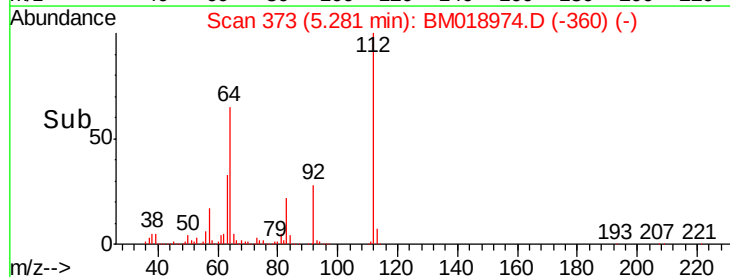
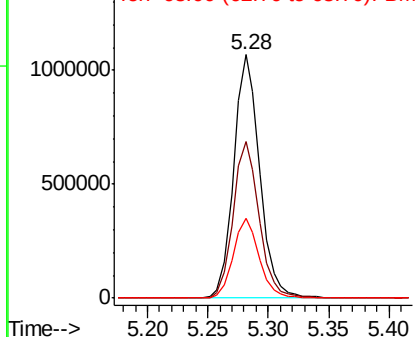
#5

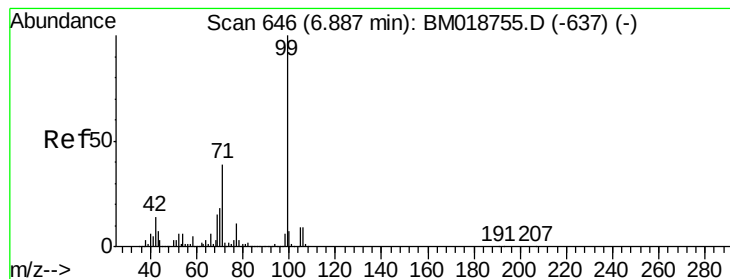
2-Fluorophenol
Concen: 111.051 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018974.D
Acq: 28 Feb 2019 18:02

Tgt Ion:112 Resp: 1601552
Ion Ratio Lower Upper
112 100
64 64.5 50.6 75.8
63 32.6 25.7 38.5



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: 115.135 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

Instrument :

BNA_M

ClientSampleId :

PE-4(NORTH-SITE-WALL)

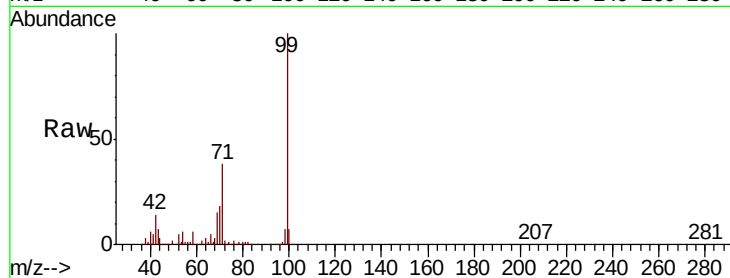
Tgt Ion: 99 Resp: 2339150

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

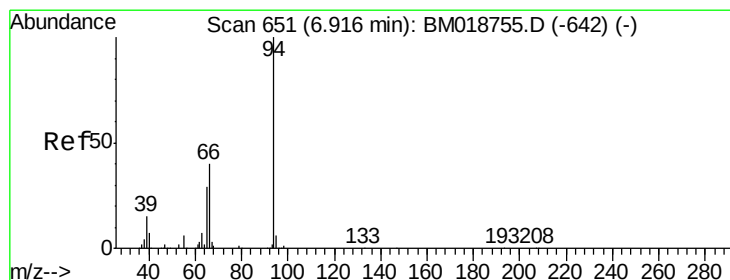
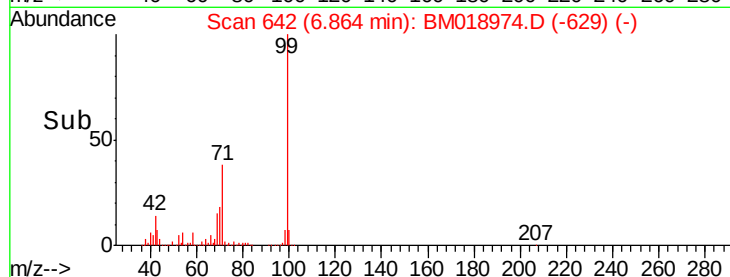
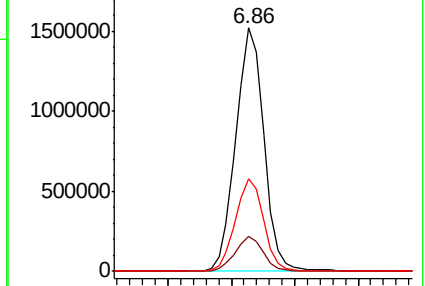
71 38.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018974.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018974.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018974.D (-637) (-)



#10

Phenol

Concen: 9.268 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

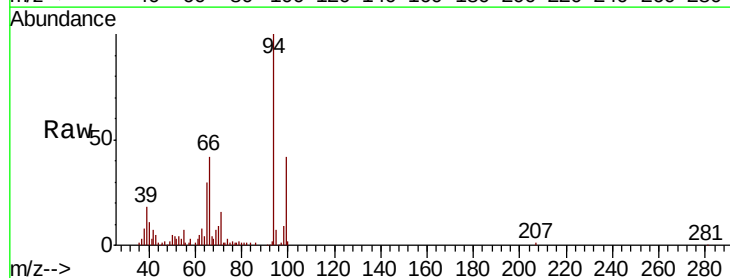
Tgt Ion: 94 Resp: 198133

Ion Ratio Lower Upper

94 100

65 30.2 9.6 49.6

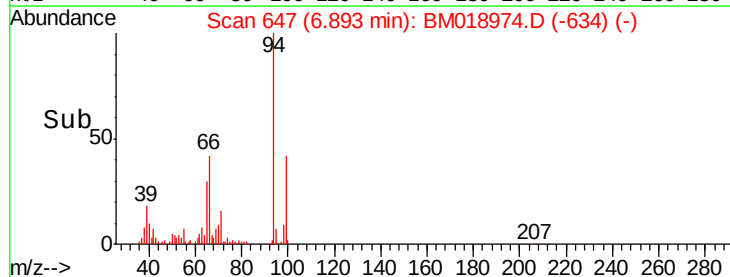
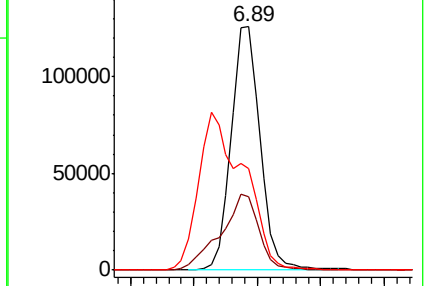
66 41.8 20.4 60.4

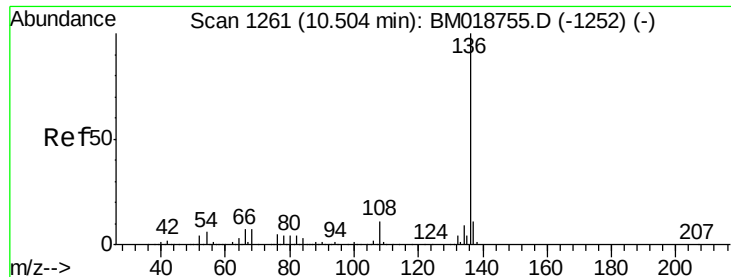


Abundance Ion 94.00 (93.70 to 94.70): BM018974.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018974.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018974.D (-634) (-)

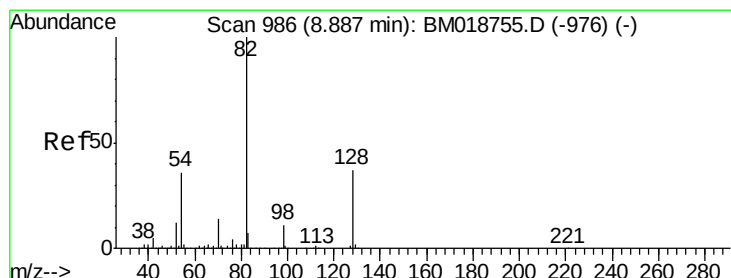
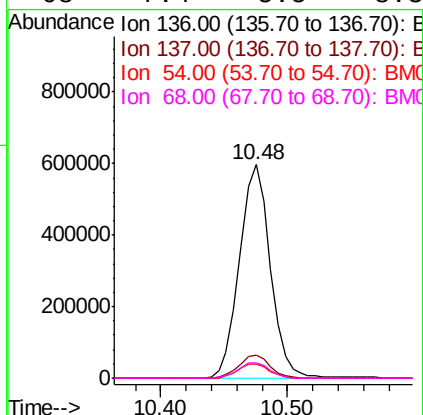
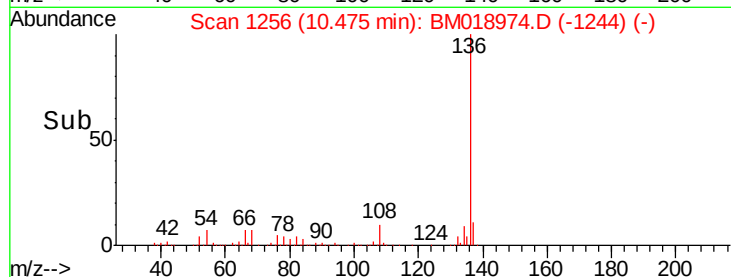
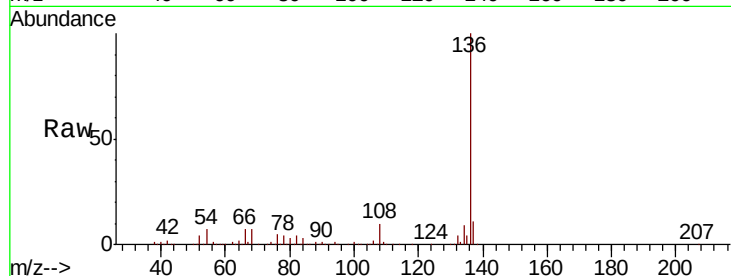




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BM018974.D
Acq: 28 Feb 2019 18:02

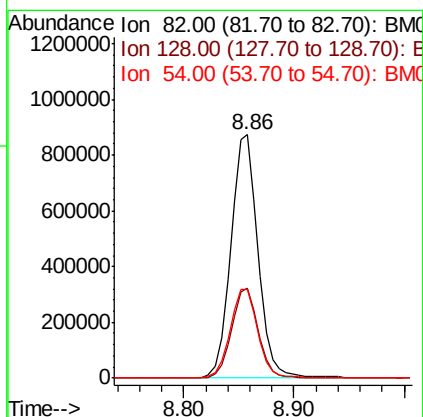
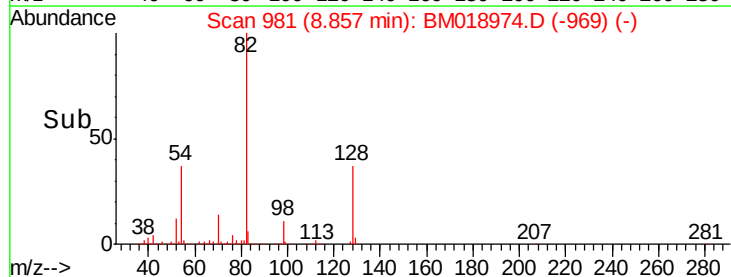
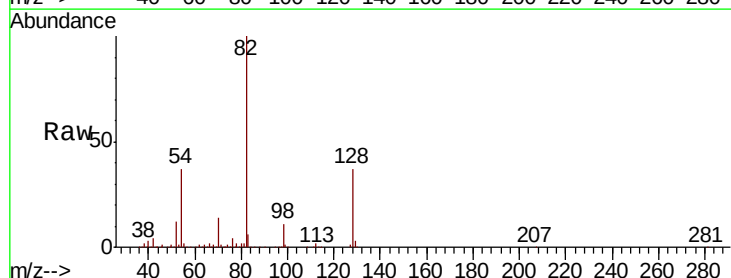
Instrument :
BNA_M
ClientSampleId :
PE-4(NORTH-SITE-WALL)

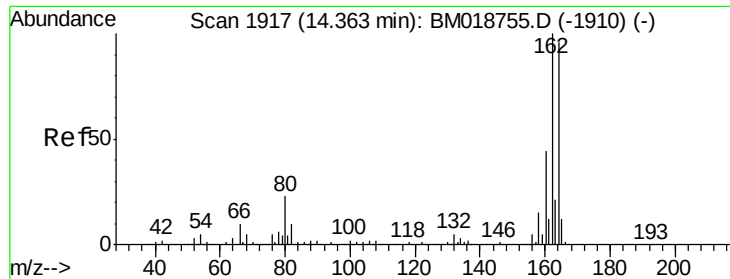
Tgt Ion:136 Resp: 1011058
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.0 7.6
68 7.4 5.5 8.3



#23
Nitrobenzene-d5
Concen: 68.778 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018974.D
Acq: 28 Feb 2019 18:02

Tgt Ion: 82 Resp: 1503905
Ion Ratio Lower Upper
82 100
128 37.1 29.9 44.9
54 36.7 29.1 43.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

Instrument :

BNA_M

ClientSampleId :

PE-4(NORTH-SITE-WALL)

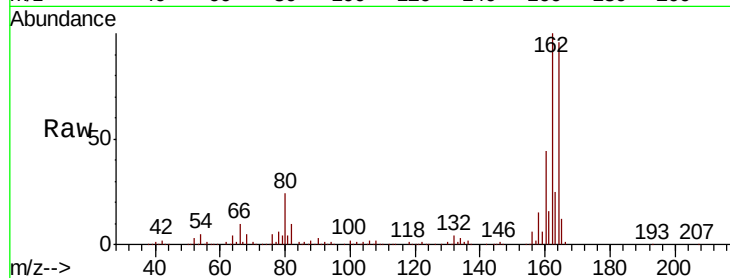
Tgt Ion:164 Resp: 579750

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.0

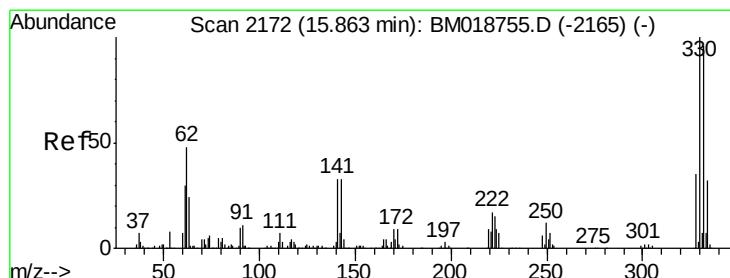
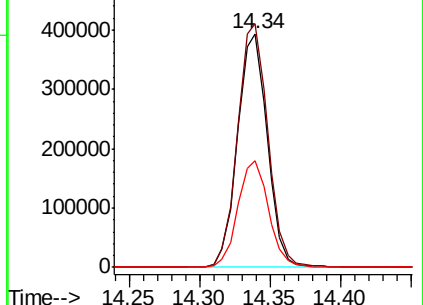
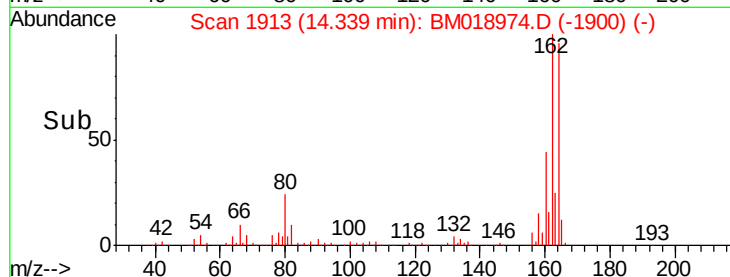
160 45.5 36.6 55.0



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: 109.764 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

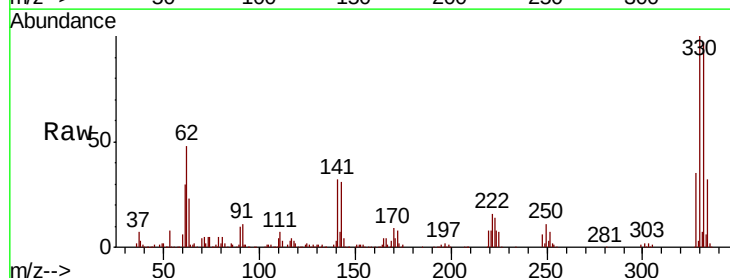
Tgt Ion:330 Resp: 917291

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

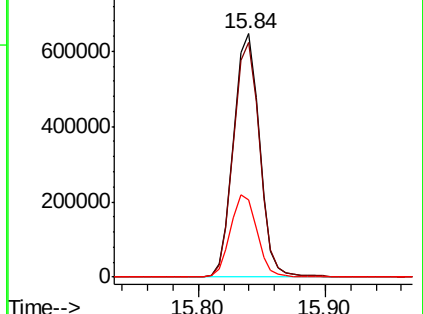
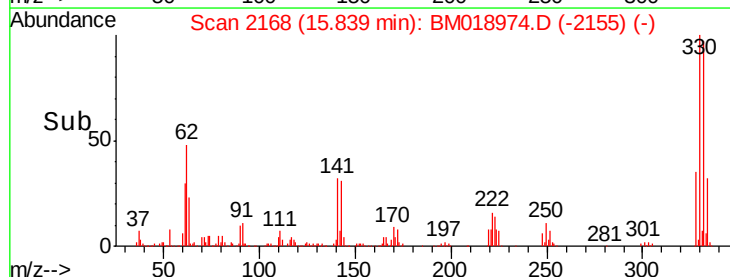
141 34.6 28.7 43.1

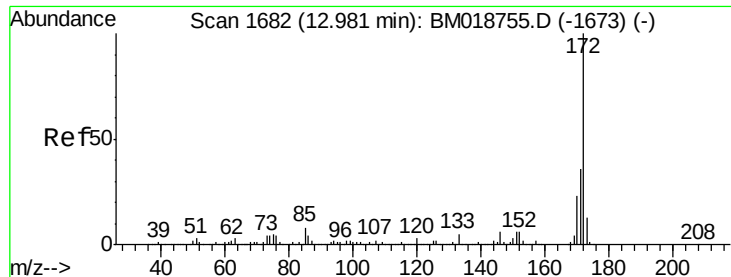


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

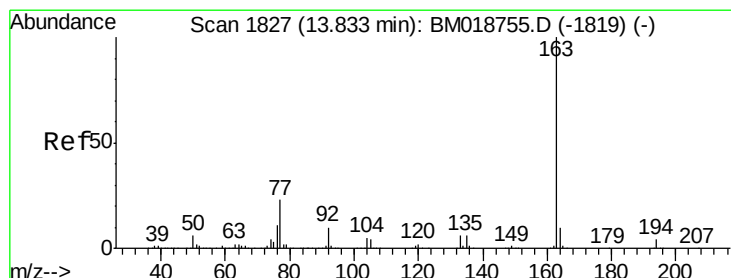
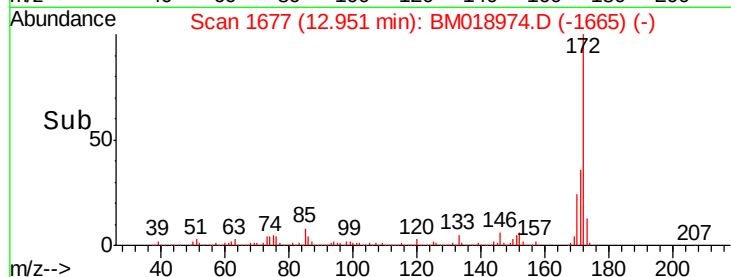
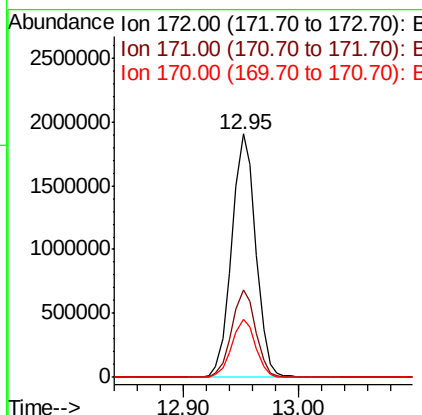
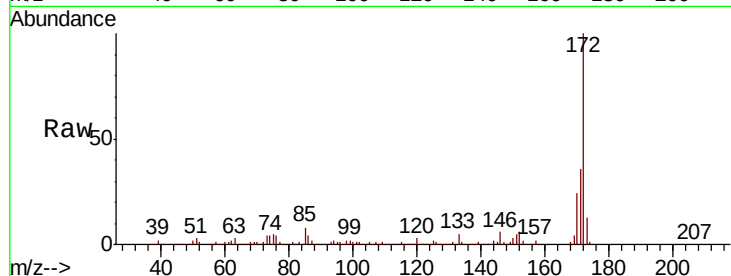




#45
 2-Fluorobiphenyl
 Concen: 63.195 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018974.D
 Acq: 28 Feb 2019 18:02

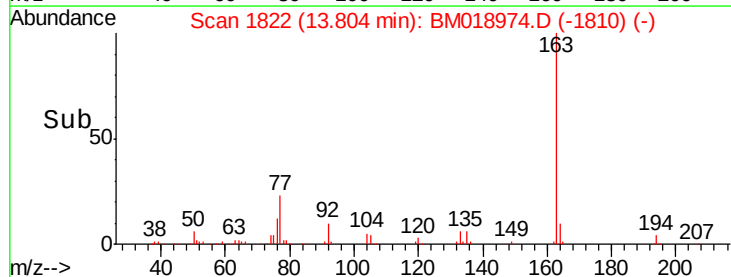
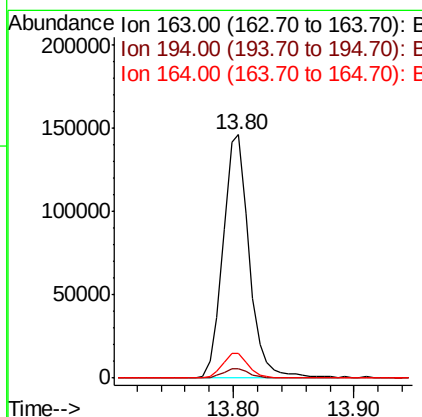
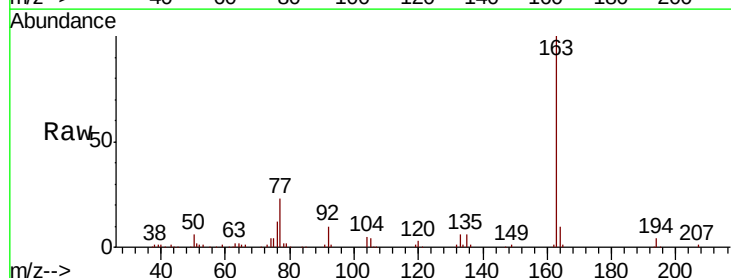
Instrument :
 BNA_M
 ClientSampleId :
 PE-4(NORTH-SITE-WALL)

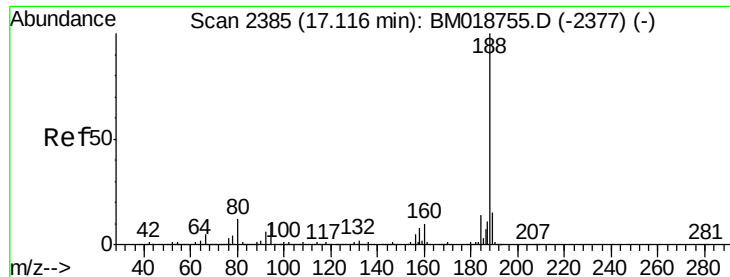
Tgt Ion:172 Resp: 2759941
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.8 18.6 28.0



#50
 Dimethylphthalate
 Concen: 4.538 ng
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BM018974.D
 Acq: 28 Feb 2019 18:02

Tgt Ion:163 Resp: 219262
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.2 4.8
 164 10.3 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

Instrument :

BNA_M

ClientSampleId :

PE-4(NORTH-SITE-WALL)

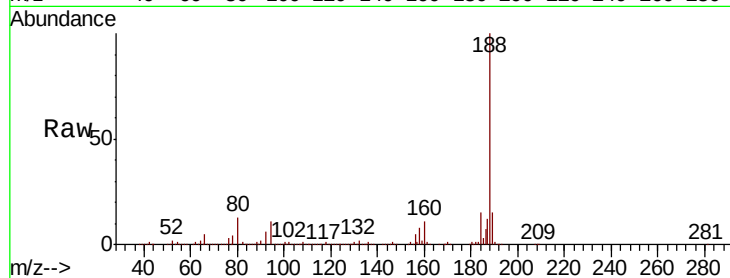
Tgt Ion:188 Resp: 1297358

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

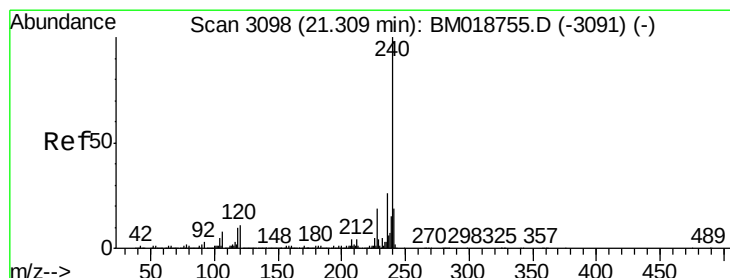
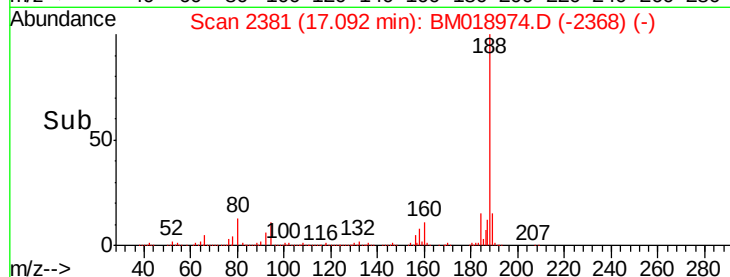
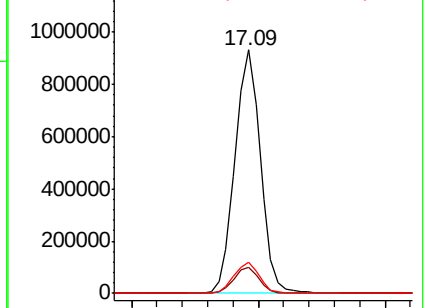
80 12.7 9.7 14.5



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: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

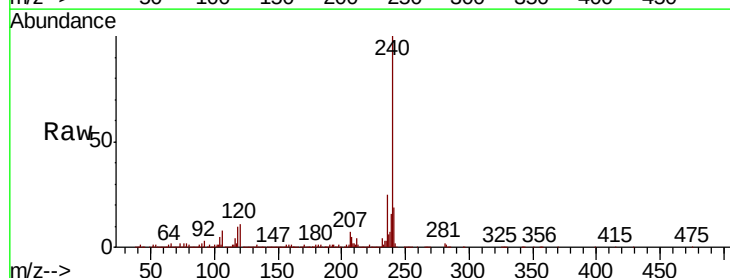
Tgt Ion:240 Resp: 1227791

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

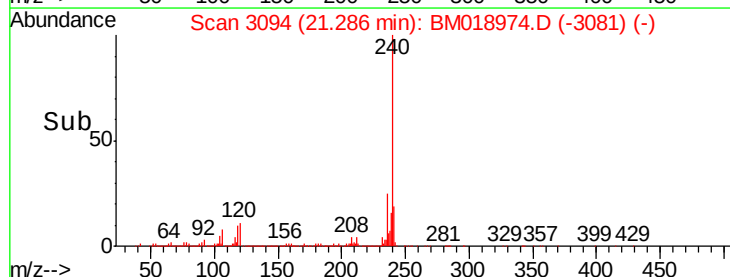
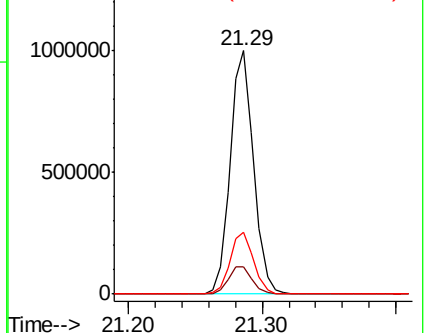
236 25.2 20.9 31.3

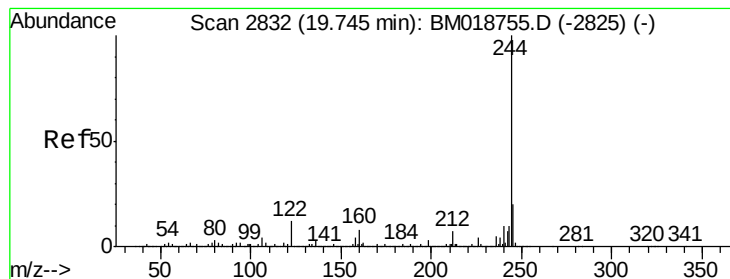


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.383 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

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ClientSampleId :

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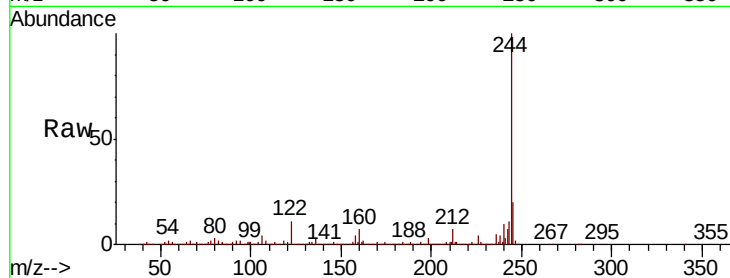
Tgt Ion:244 Resp: 4129508

Ion Ratio Lower Upper

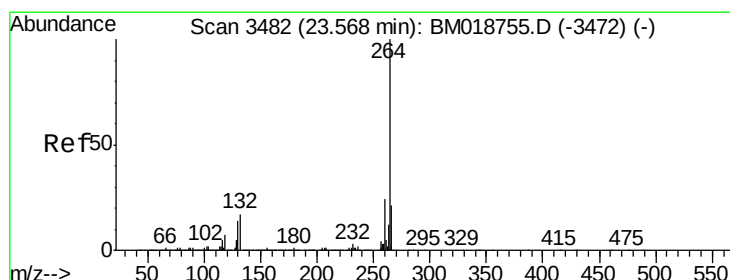
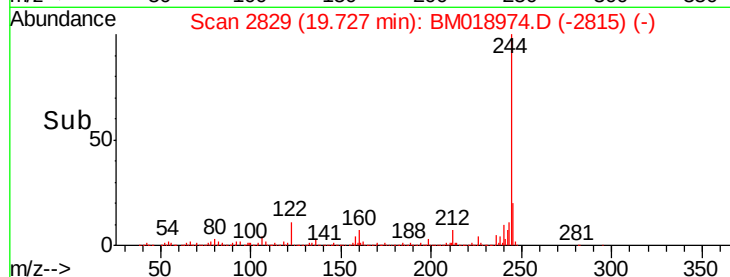
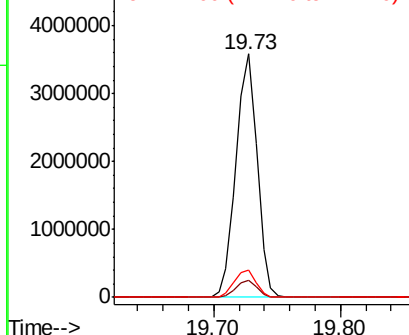
244 100

212 6.8 5.6 8.4

122 11.1 9.3 13.9



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: 23.54 min Scan# 3477

Delta R.T. -0.03 min

Lab File: BM018974.D

Acq: 28 Feb 2019 18:02

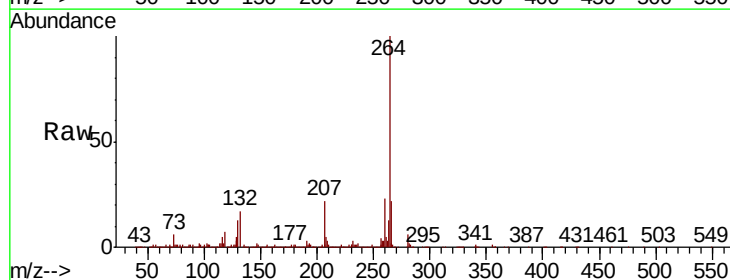
Tgt Ion:264 Resp: 1095952

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.9 17.3 25.9



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

