

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018971.D
 Acq On : 28 Feb 2019 16:14
 Operator : JU/SJ
 Sample : K1638-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-1(EAST-SITE-WALL)

Quant Time: Mar 01 01:13:42 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

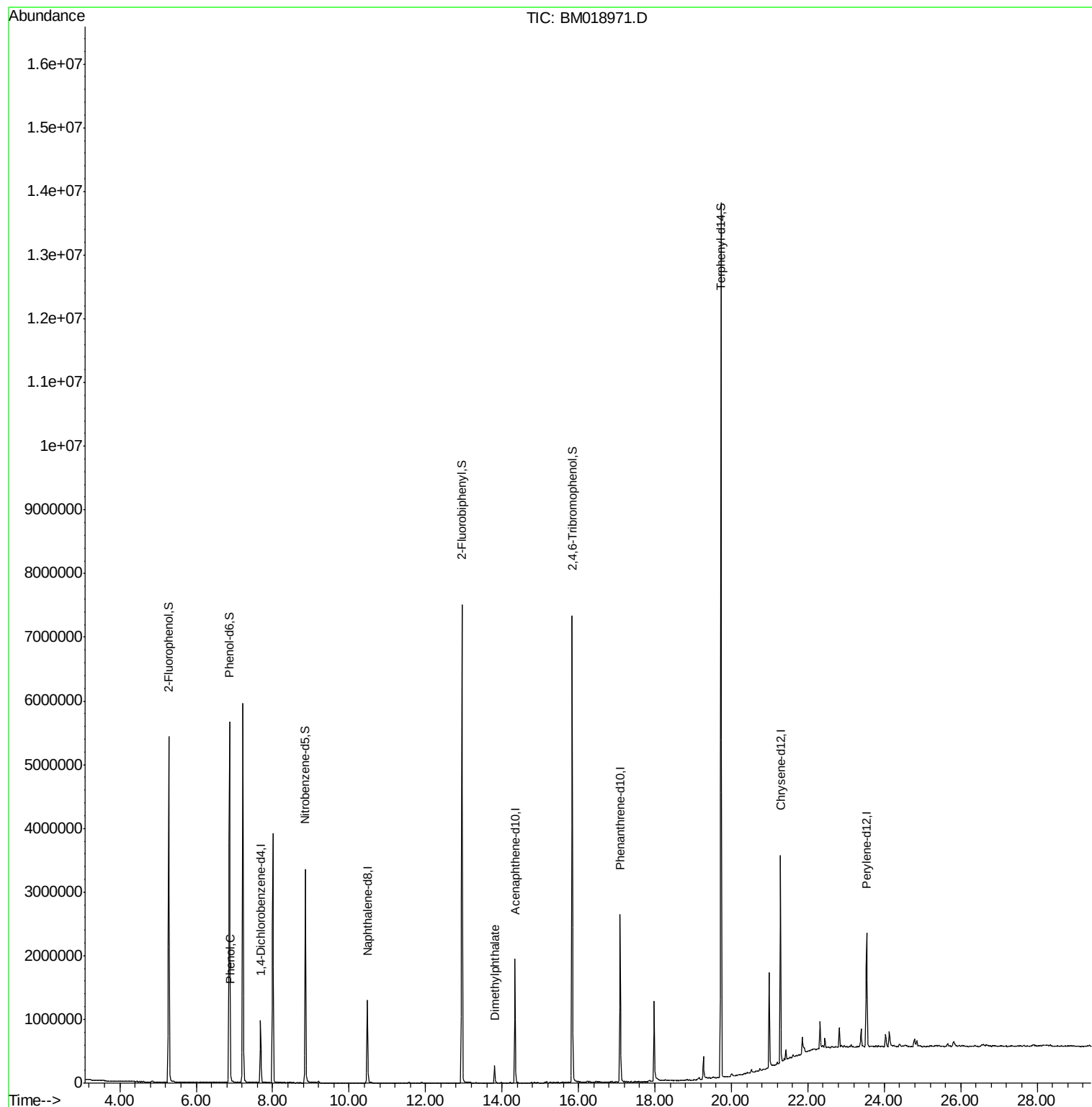
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	255091	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1075808	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	616116	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1416548	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1398332	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1238671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2263100	145.36	ng	-0.02
7) Phenol-d6	6.87	99	3287202	149.88	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2094410	90.02	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1336833	150.52	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3798427	81.84	ng	-0.03
79) Terphenyl-d14	19.73	244	6047583	89.22	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.87	77	8251	Below Cal		Qvalue # 7
10) Phenol	6.89	94	53397	2.314 ng		83
50) Dimethylphthalate	13.80	163	183784	3.579 ng		99

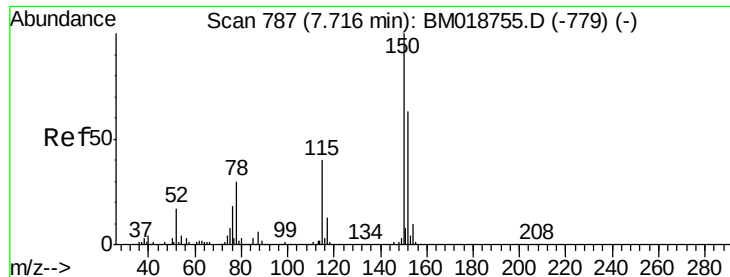
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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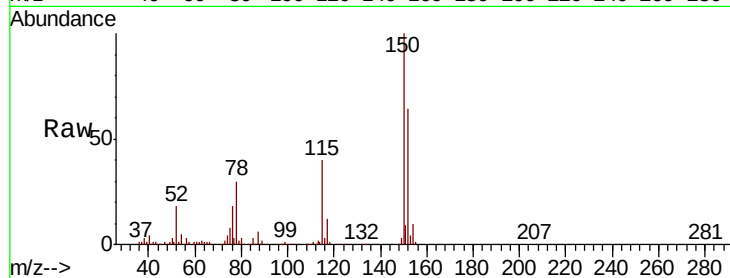


#1

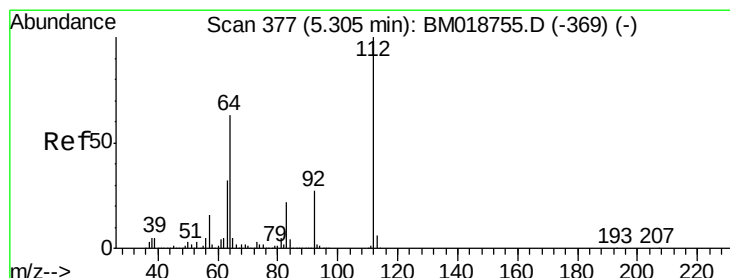
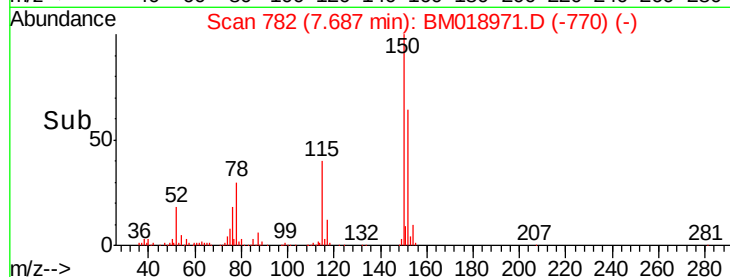
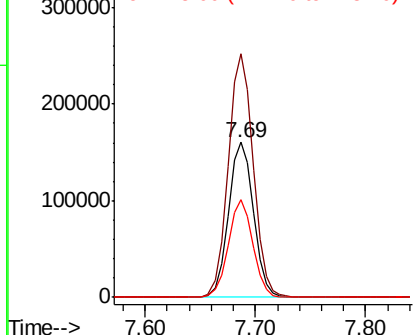
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018971.D
Acq: 28 Feb 2019 16:14

Instrument :
BNA_M
ClientSampleId :
PE-1(EAST-SITE-WALL)

Tgt Ion:152 Resp: 255091
Ion Ratio Lower Upper
152 100
150 157.2 127.3 190.9
115 63.4 50.8 76.2



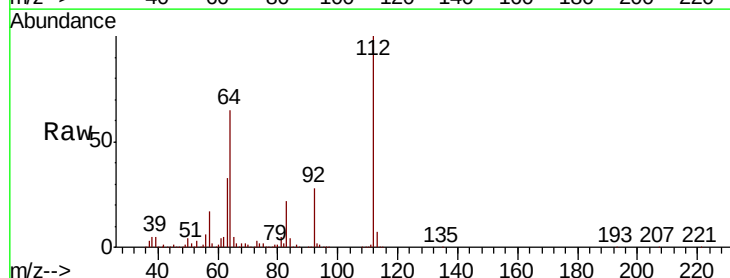
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



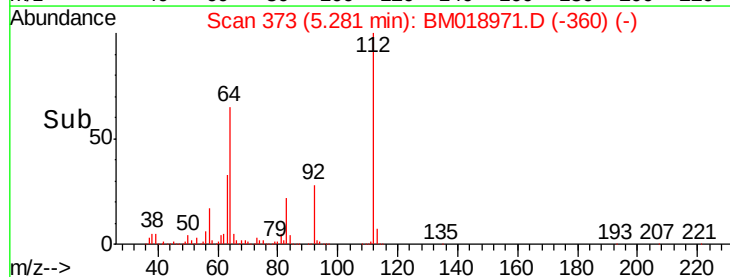
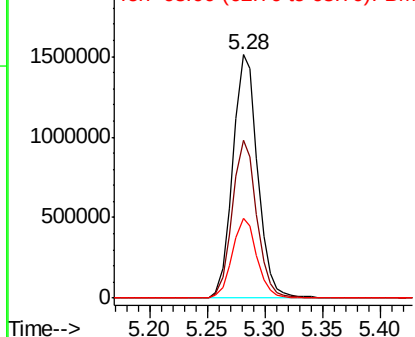
#5

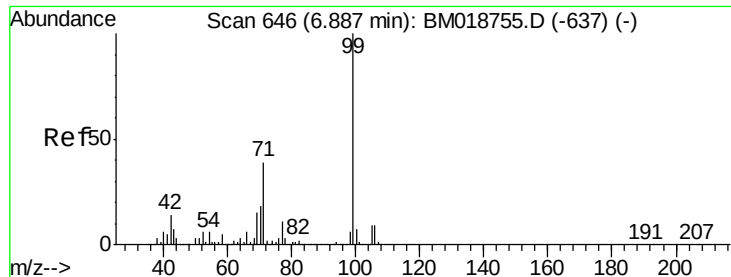
2-Fluorophenol
Concen: 145.361 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018971.D
Acq: 28 Feb 2019 16:14

Tgt Ion:112 Resp: 2263100
Ion Ratio Lower Upper
112 100
64 64.9 50.6 75.8
63 32.7 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: 149.877 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018971.D

Acq: 28 Feb 2019 16:14

Instrument :

BNA_M

ClientSampleId :

PE-1(EAST-SITE-WALL)

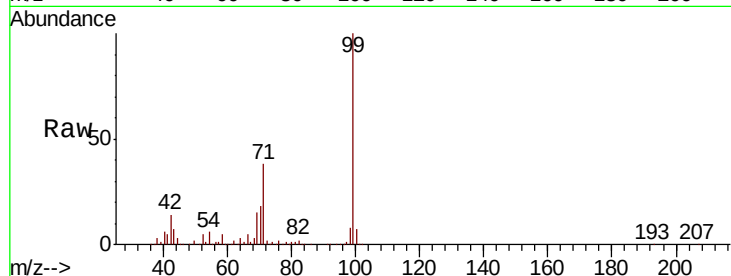
Tgt Ion: 99 Resp: 3287202

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

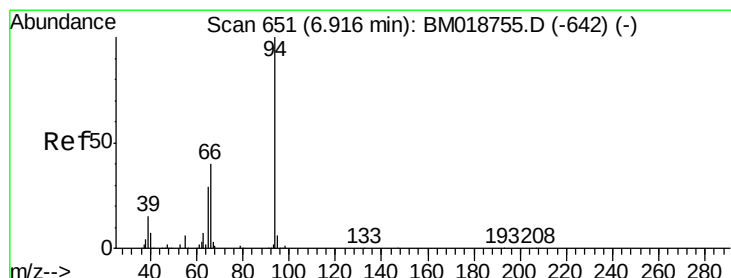
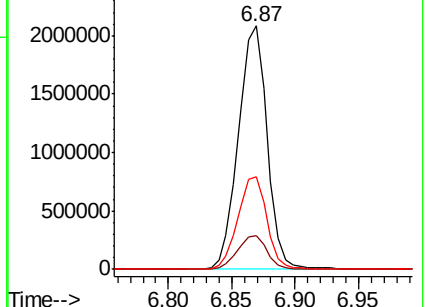
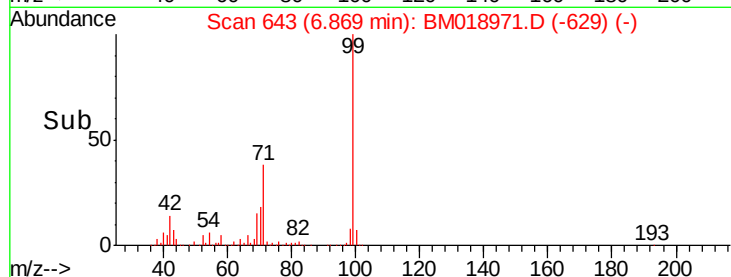
71 37.8 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018971.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018971.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018971.D (-629) (-)



#10

Phenol

Concen: 2.314 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018971.D

Acq: 28 Feb 2019 16:14

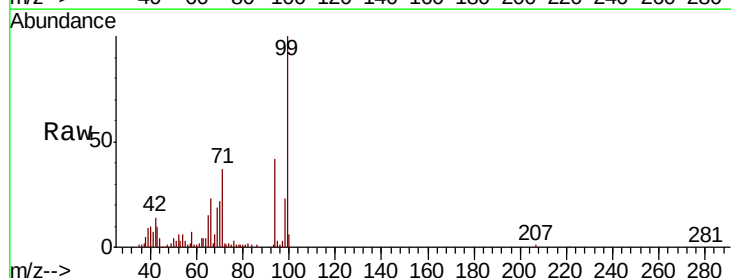
Tgt Ion: 94 Resp: 53397

Ion Ratio Lower Upper

94 100

65 35.0 9.6 49.6

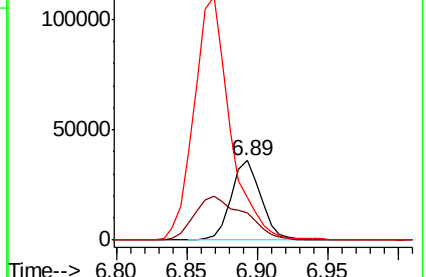
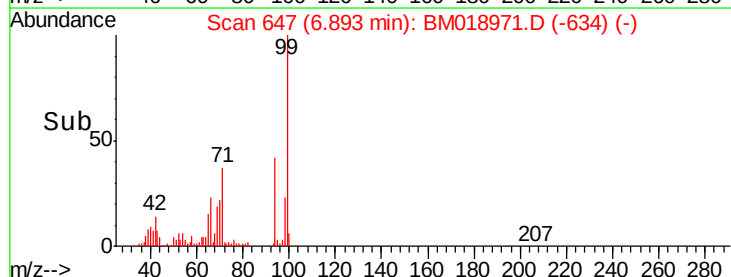
66 53.9 20.4 60.4

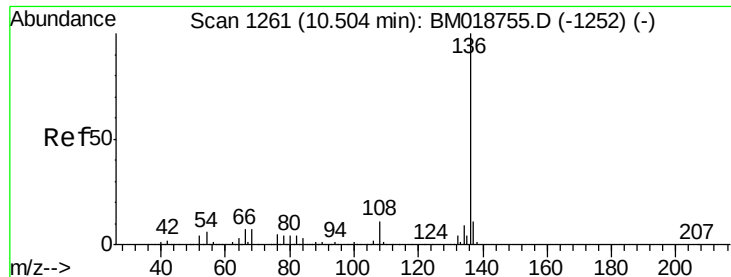


Abundance Ion 94.00 (93.70 to 94.70): BM018971.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018971.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018971.D (-634) (-)

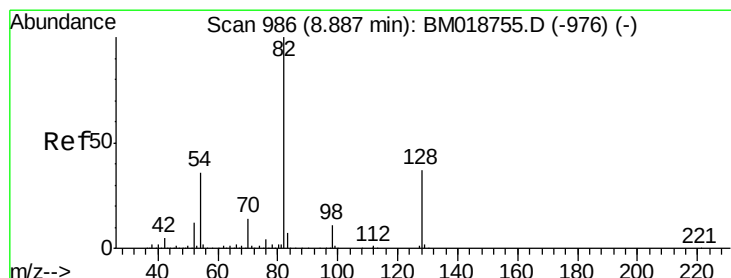
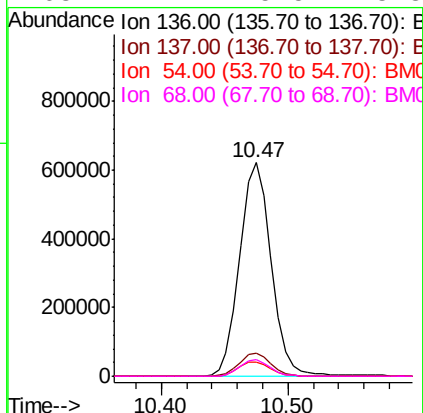
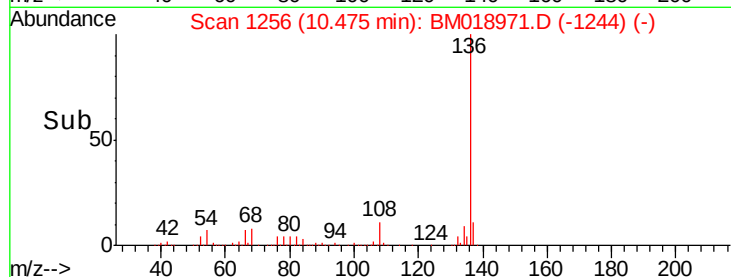
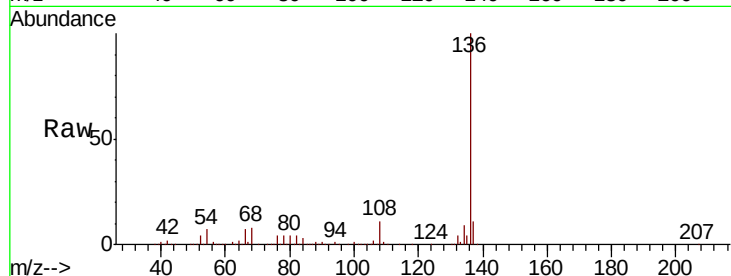




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BM018971.D
Acq: 28 Feb 2019 16:14

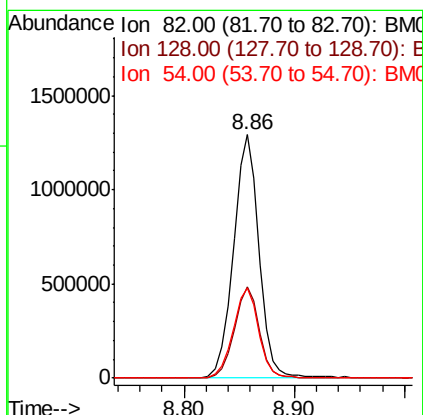
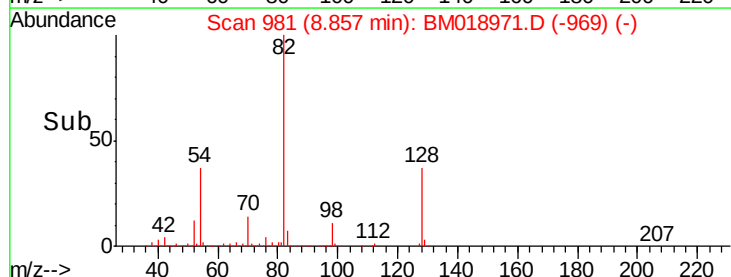
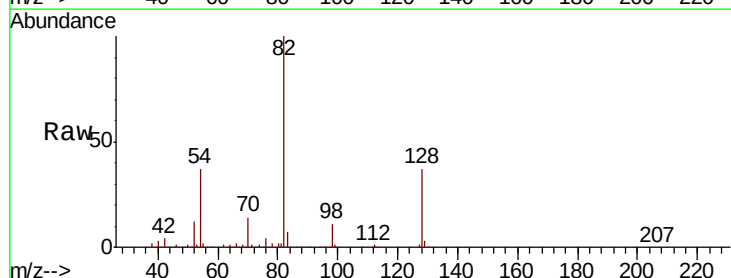
Instrument :
BNA_M
ClientSampleId :
PE-1(EAST-SITE-WALL)

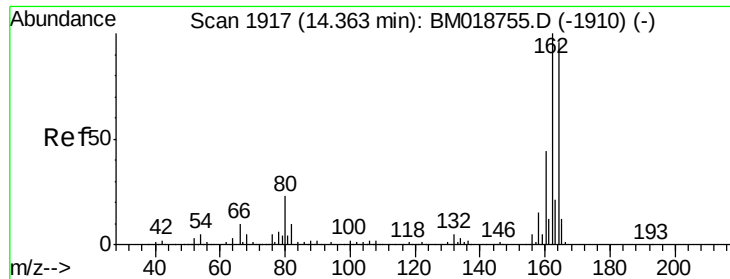
Tgt Ion:136 Resp: 1075808
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.0 7.6
68 7.7 5.5 8.3



#23
Nitrobenzene-d5
Concen: 90.019 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018971.D
Acq: 28 Feb 2019 16:14

Tgt Ion: 82 Resp: 2094410
Ion Ratio Lower Upper
82 100
128 37.3 29.9 44.9
54 36.8 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: BM018971.D

Acq: 28 Feb 2019 16:14

Instrument :

BNA_M

ClientSampleId :

PE-1(EAST-SITE-WALL)

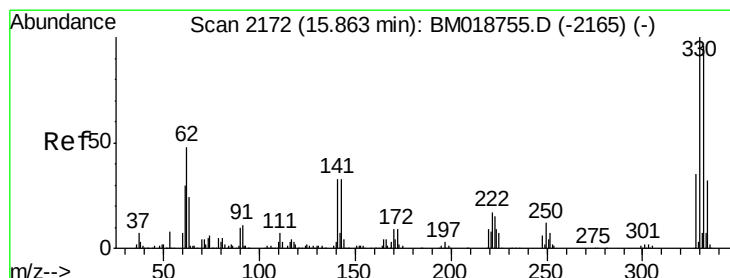
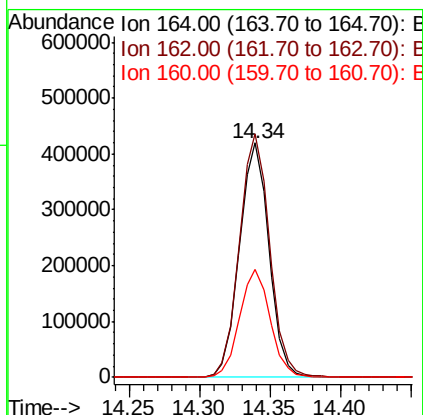
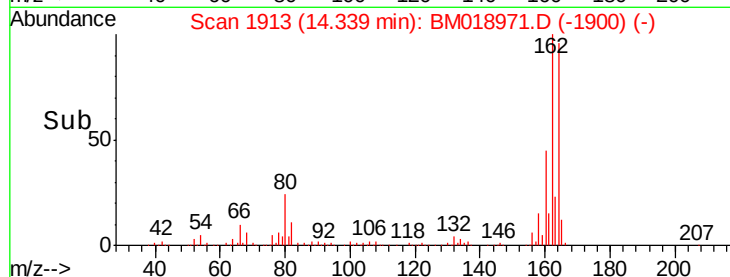
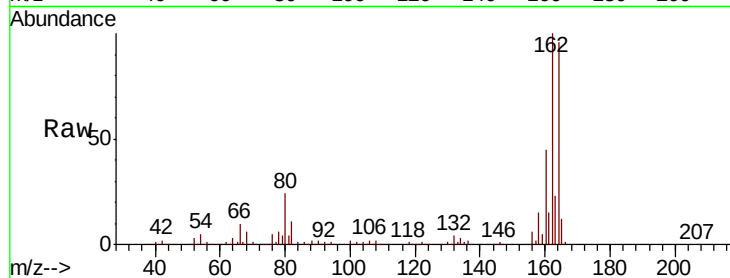
Tgt Ion:164 Resp: 616116

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

160 46.3 36.6 55.0



#42

2,4,6-Tribromophenol

Concen: 150.525 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018971.D

Acq: 28 Feb 2019 16:14

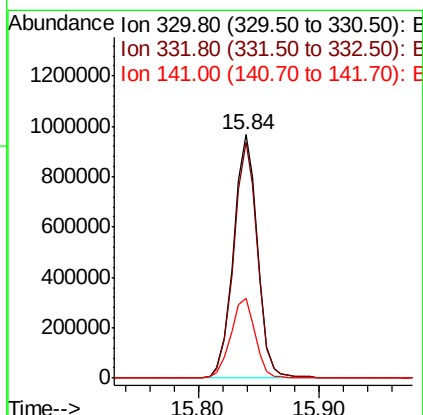
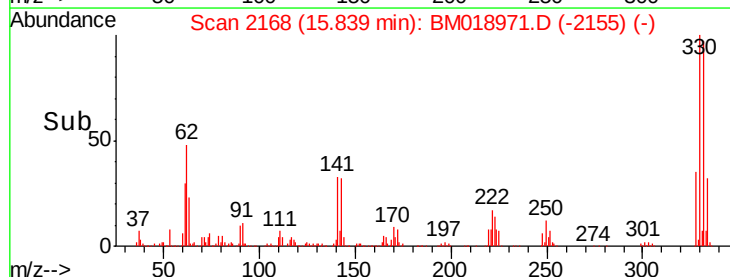
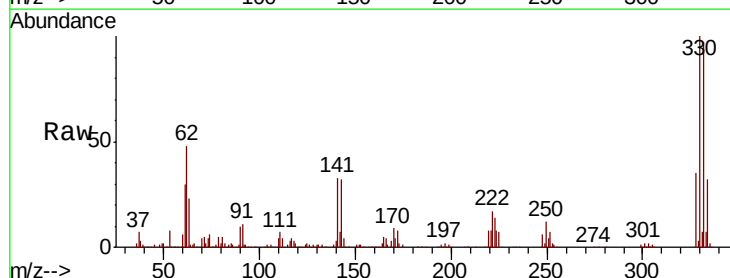
Tgt Ion:330 Resp: 1336833

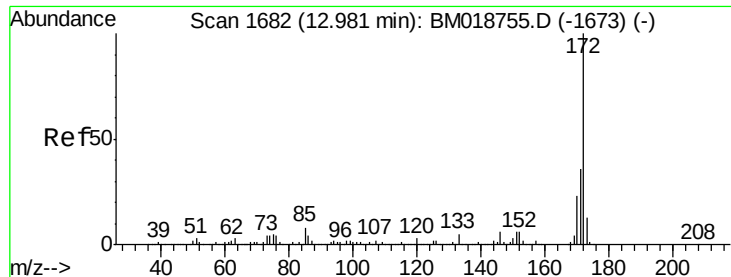
Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 33.7 28.7 43.1

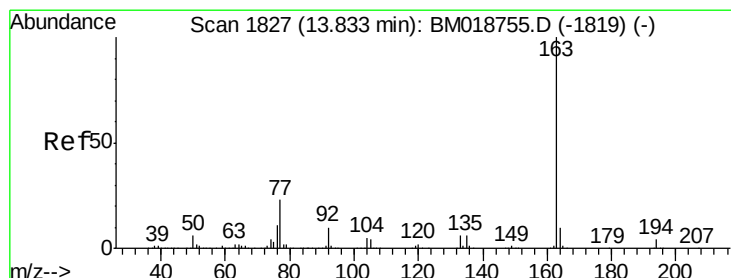
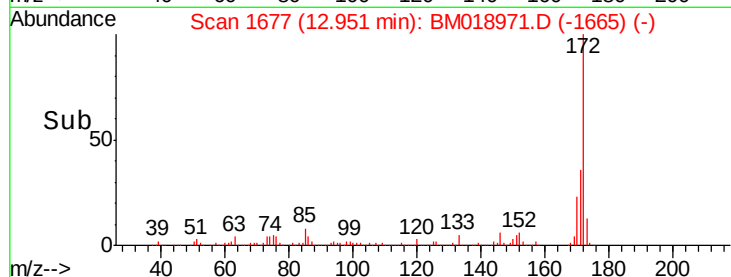
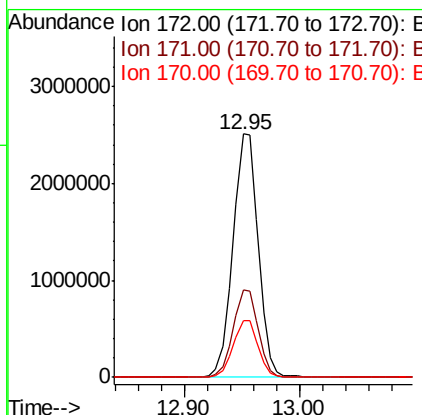
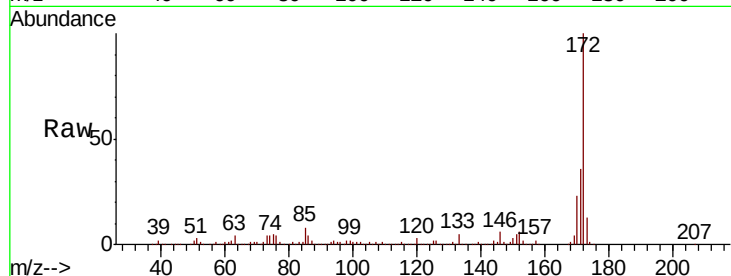




#45
 2-Fluorobiphenyl
 Concen: 81.840 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018971.D
 Acq: 28 Feb 2019 16:14

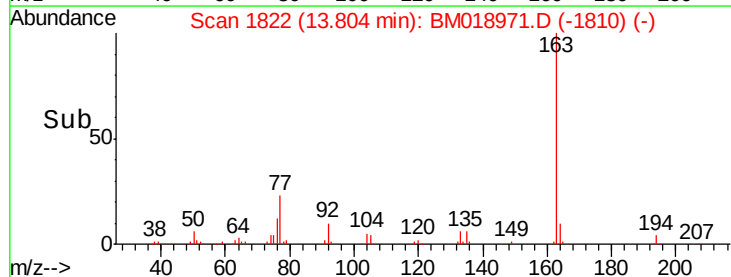
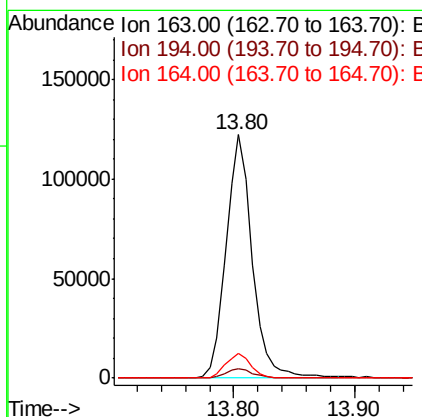
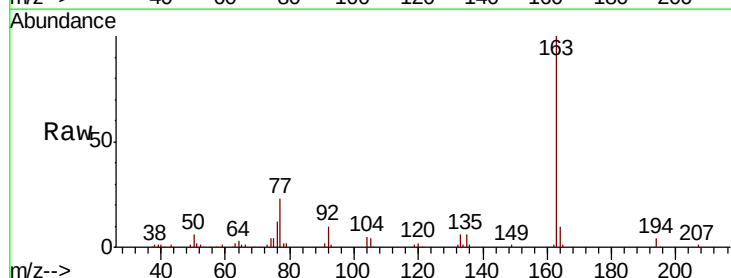
Instrument :
 BNA_M
 ClientSampleId :
 PE-1(EAST-SITE-WALL)

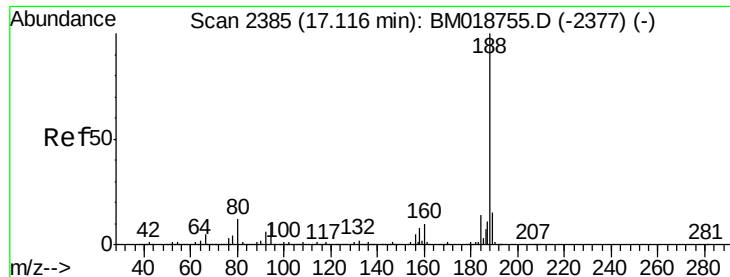
Tgt Ion:172 Resp: 3798427
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.3 18.6 28.0



#50
 Dimethylphthalate
 Concen: 3.579 ng
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BM018971.D
 Acq: 28 Feb 2019 16:14

Tgt Ion:163 Resp: 183784
 Ion Ratio Lower Upper
 163 100
 194 3.7 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: BM018971.D

Acq: 28 Feb 2019 16:14

Instrument :

BNA_M

ClientSampleId :

PE-1(EAST-SITE-WALL)

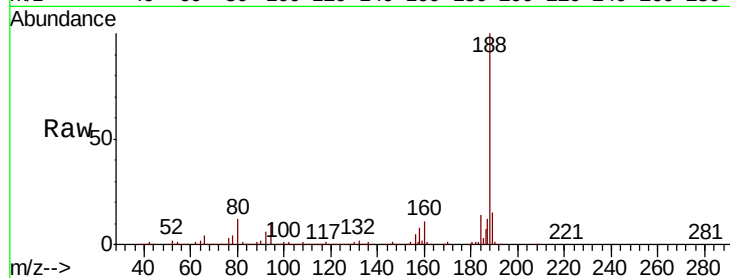
Tgt Ion:188 Resp: 1416548

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

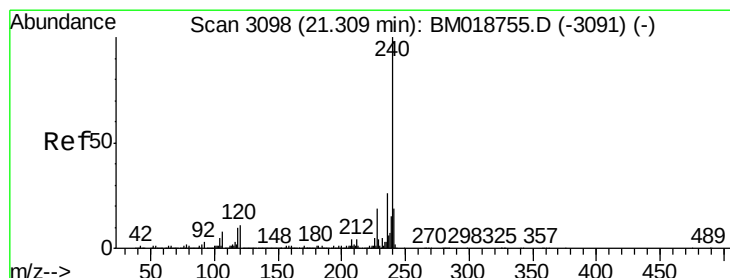
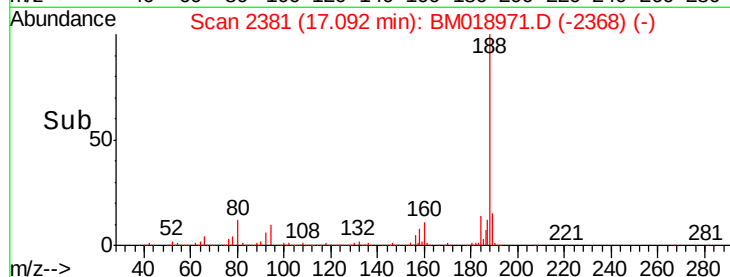
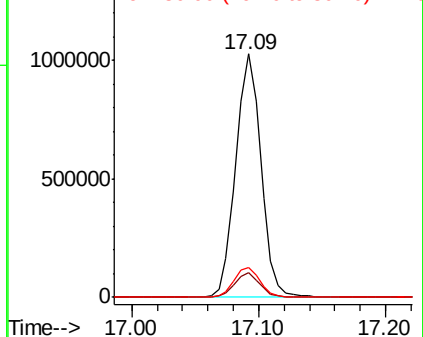
80 12.3 9.7 14.5



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: BM018971.D

Acq: 28 Feb 2019 16:14

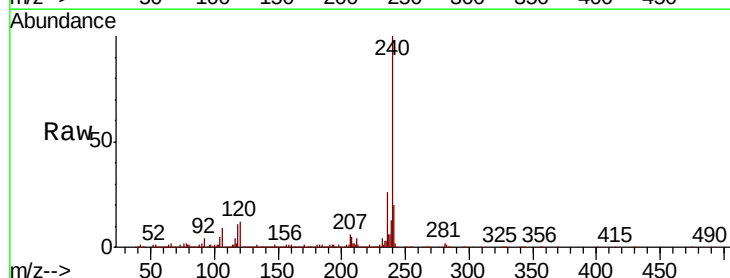
Tgt Ion:240 Resp: 1398332

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

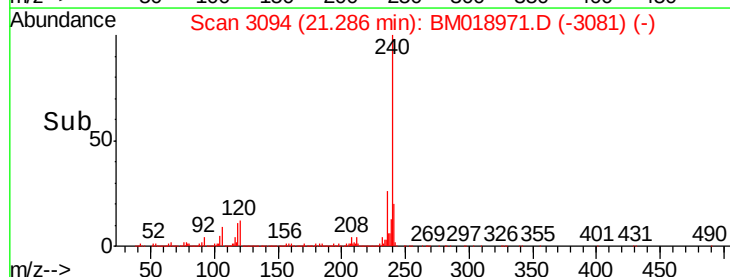
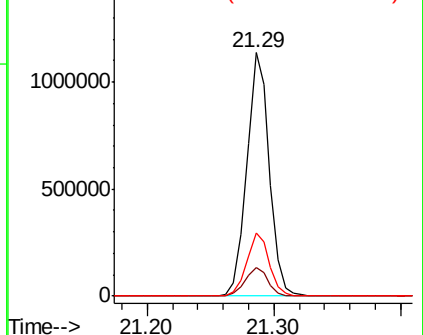
236 25.9 20.9 31.3

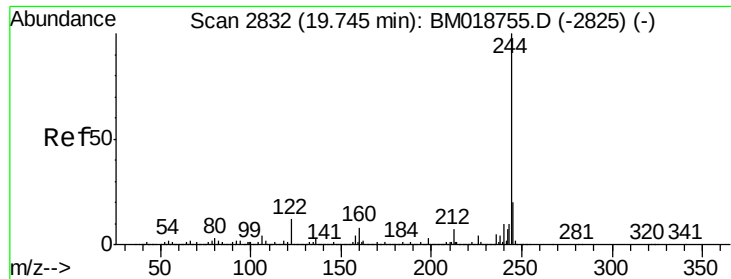


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.217 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018971.D

Acq: 28 Feb 2019 16:14

Instrument :

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ClientSampleId :

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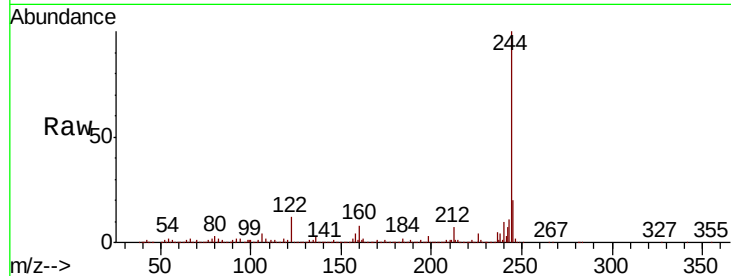
Tgt Ion:244 Resp: 6047583

Ion Ratio Lower Upper

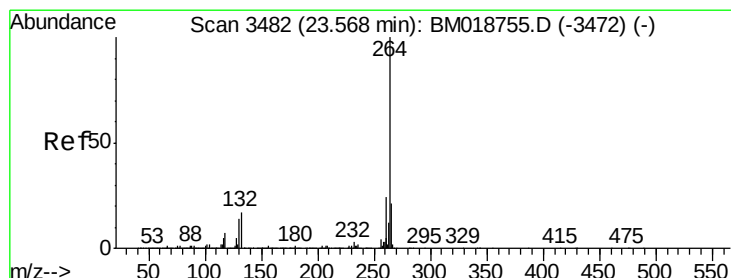
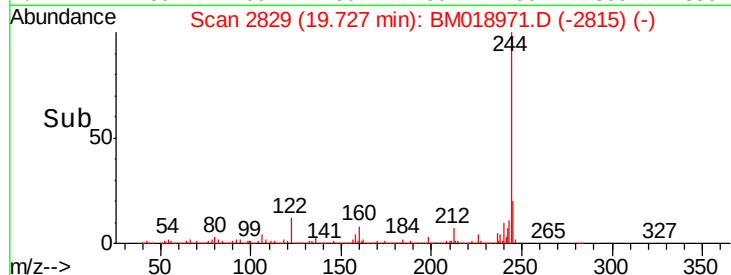
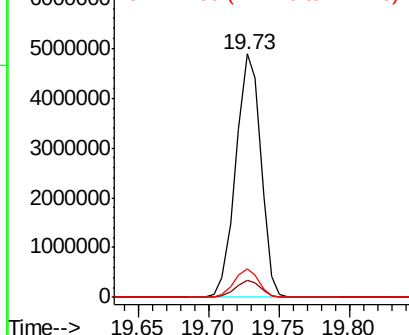
244 100

212 6.9 5.6 8.4

122 11.8 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: BM018971.D

Acq: 28 Feb 2019 16:14

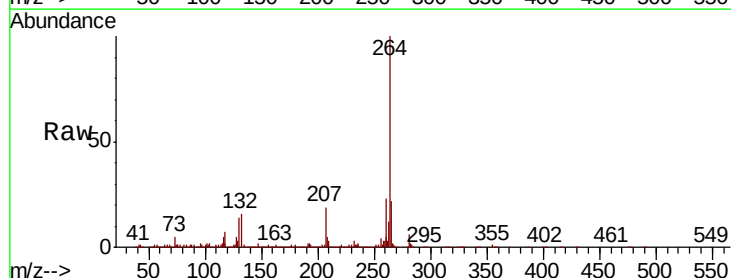
Tgt Ion:264 Resp: 1238671

Ion Ratio Lower Upper

264 100

260 23.5 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

