

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018327.D
 Acq On : 20 Dec 2018 10:15
 Operator : JU/SJ
 Sample : J6475-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 13:18:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

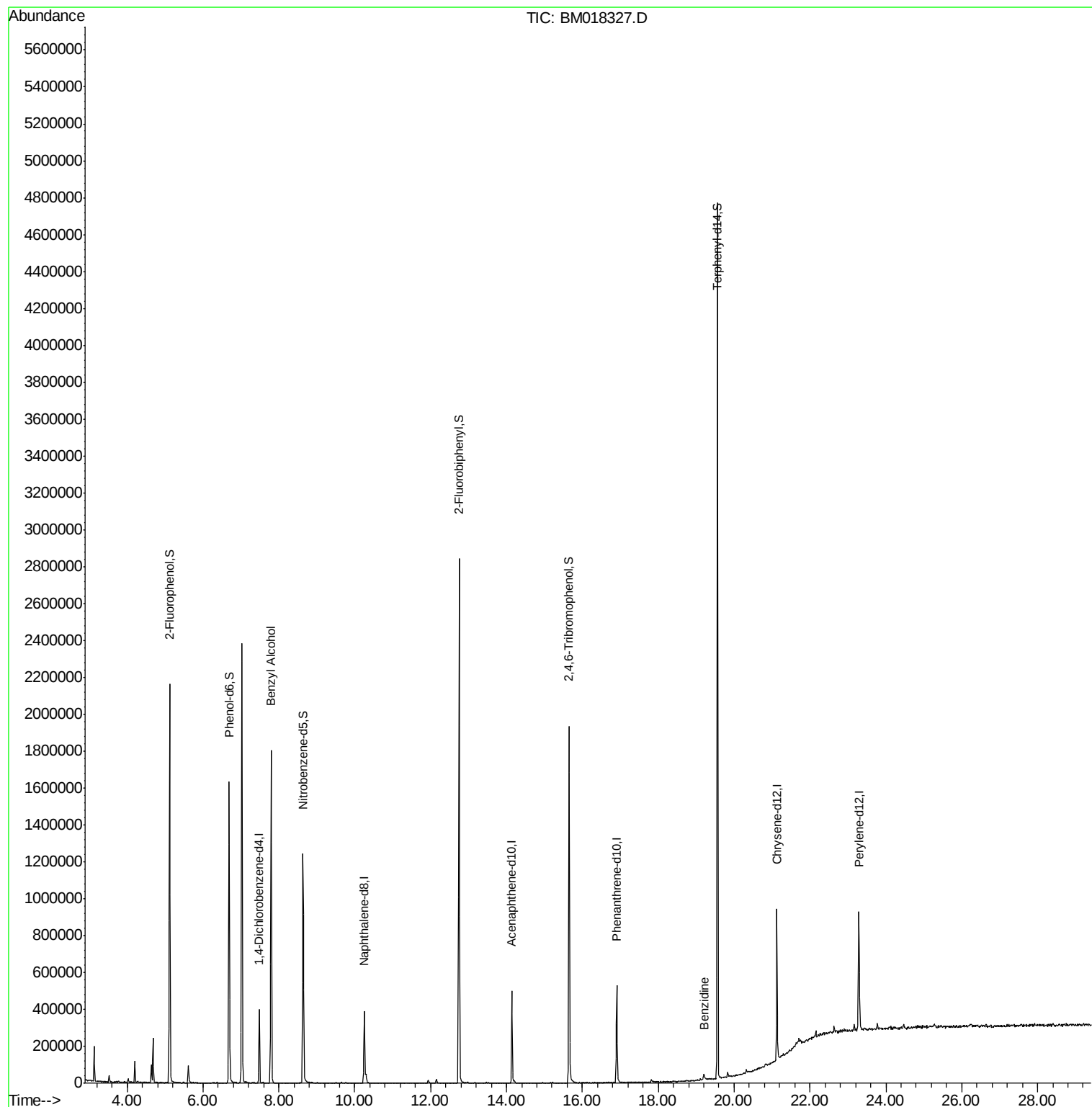
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	98856	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	336835	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	168248	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	321797	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	401337	20.00	ng	-0.01
87) Perylene-d12	23.29	264	460827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	829033	140.09	ng	0.00
7) Phenol-d6	6.69	99	905829	110.13	ng	-0.02
23) Nitrobenzene-d5	8.64	82	787042	119.85	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	343694	139.18	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1442206	111.03	ng	-0.02
79) Terphenyl-d14	19.56	244	1933868	108.98	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.79	79	15160	2.262	ng	Qvalue # 51
77) Benzidine	19.20	184	28541	2.804	ng	97

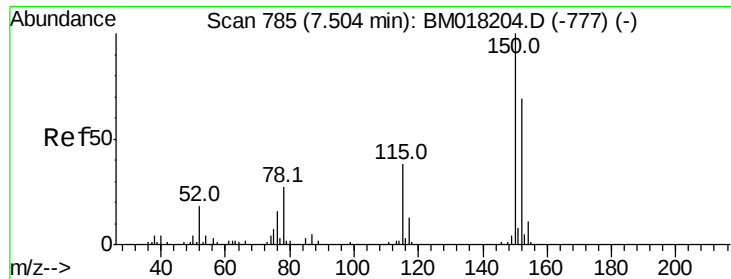
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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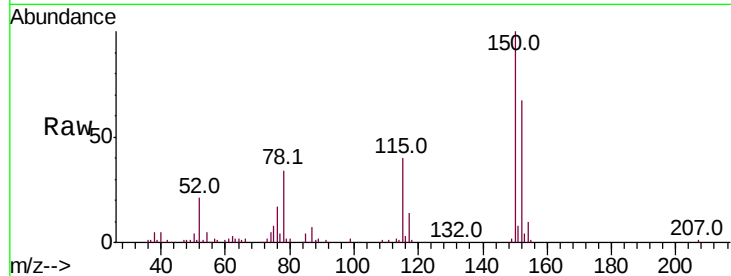


#1

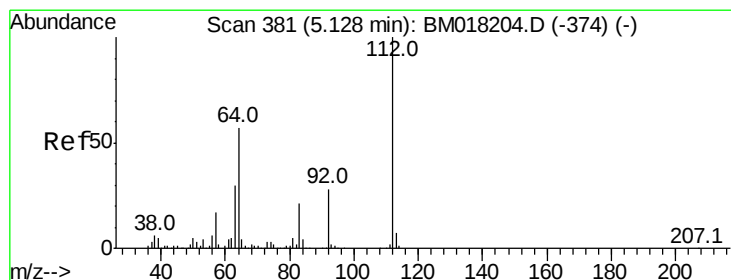
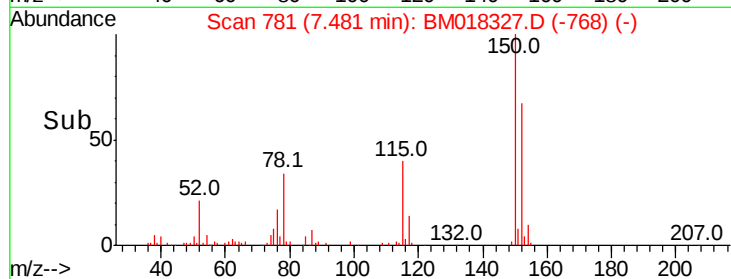
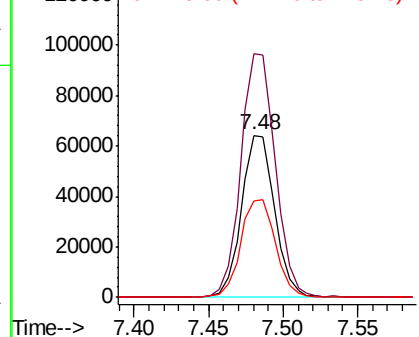
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018327.D
Acq: 20 Dec 2018 10:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 98856
Ion Ratio Lower Upper
152 100
150 150.1 116.1 174.1
115 59.3 44.6 67.0



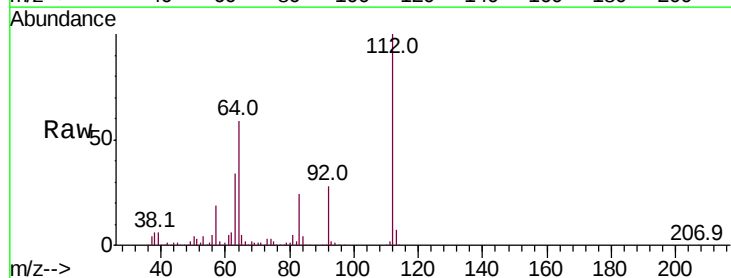
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



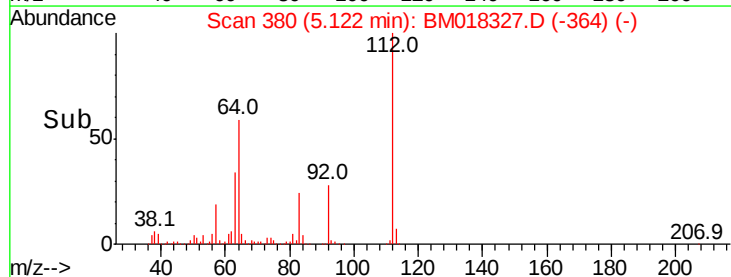
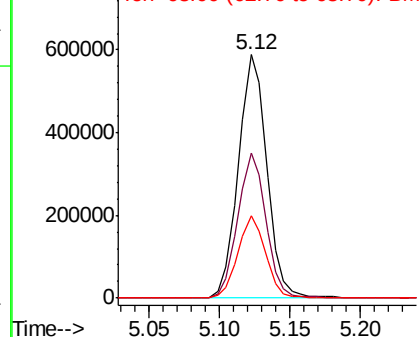
#5

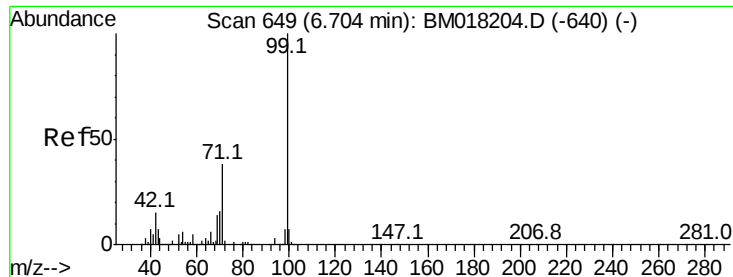
2-Fluorophenol
Concen: 140.091 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018327.D
Acq: 20 Dec 2018 10:15

Tgt Ion:112 Resp: 829033
Ion Ratio Lower Upper
112 100
64 59.3 45.4 68.2
63 33.7 24.0 36.0



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: 110.127 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

Instrument :

BNA_M

ClientSampleId :

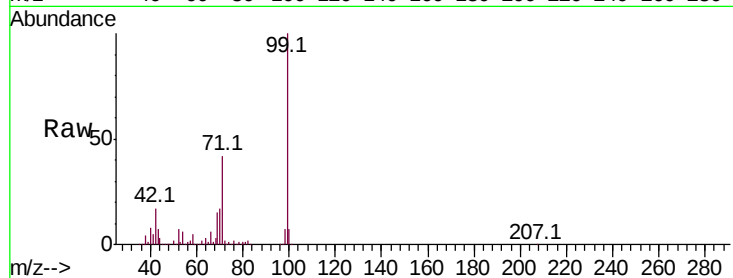
Tot Ion: 99 Resp: 905829

Ion Ratio Lower Upper

99 100

42 16.6 12.3 18.5

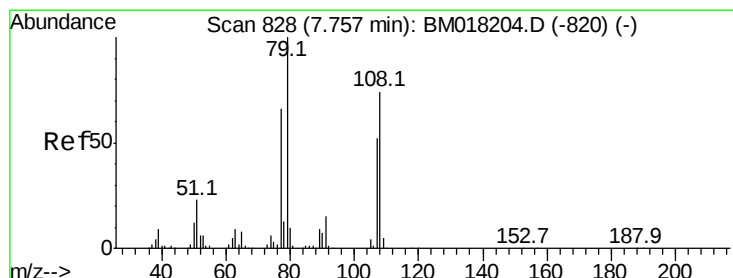
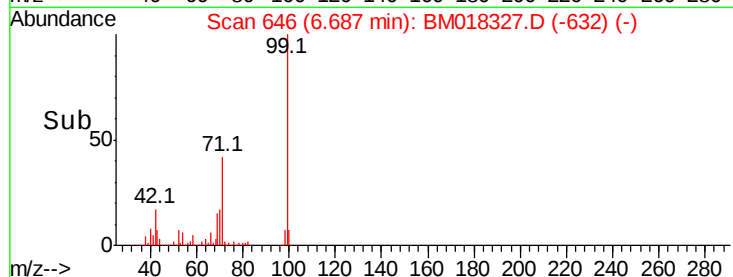
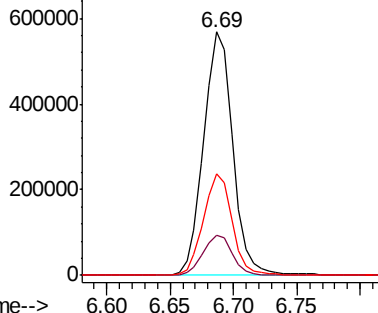
71 41.5 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#15

Benzyl Alcohol

Concen: 2.262 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.04 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

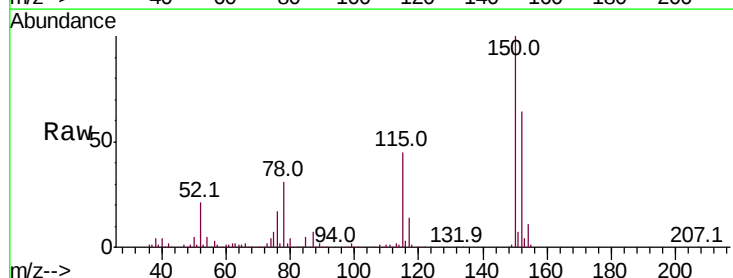
Tgt Ion: 79 Resp: 15160

Ion Ratio Lower Upper

79 100

108 39.5 59.3 88.9#

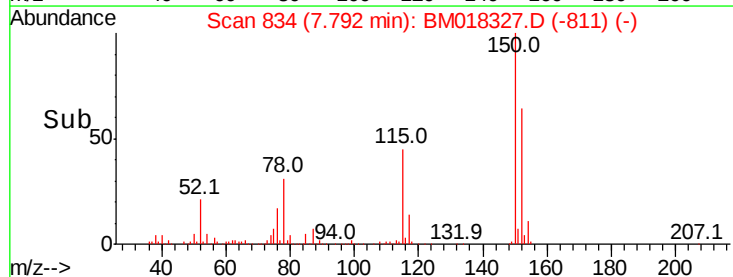
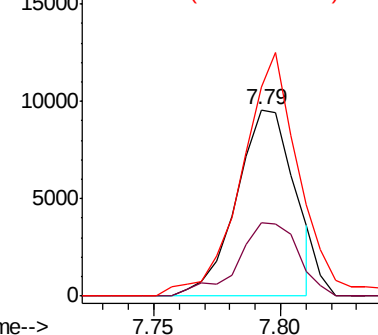
77 112.0 53.0 79.4#

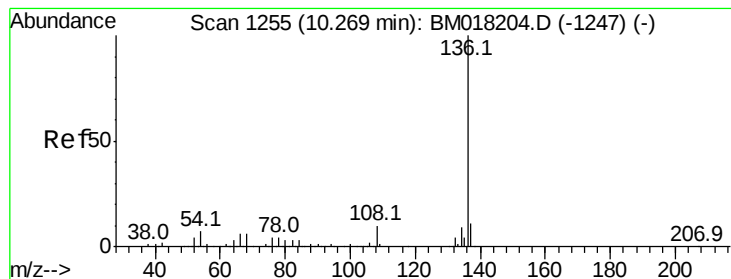


Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018204.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-820) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018327.D

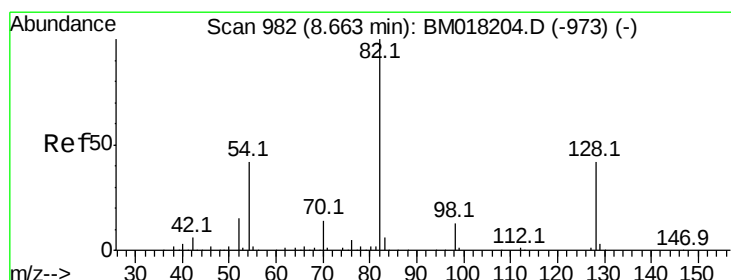
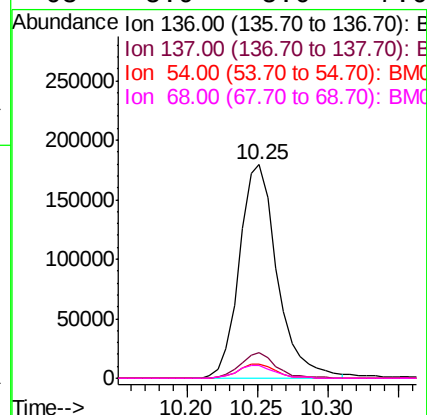
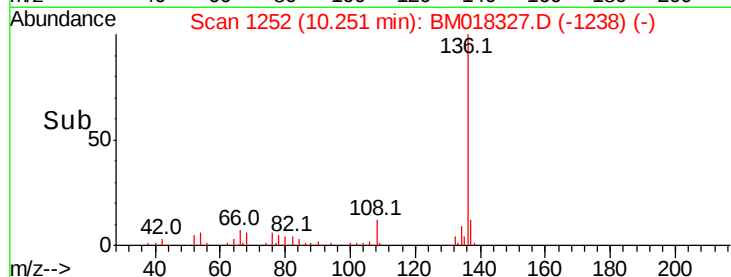
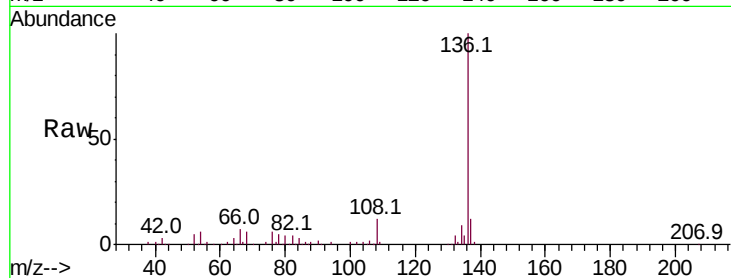
Acq: 20 Dec 2018 10:15

Instrument :

BNA_M

ClientSampled :

Tot Ion:	136	Resp:	336835
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.4	5.2	7.8
68	5.9	5.0	7.6



#23

Nitrobenzene-d5

Concen: 119.851 ng

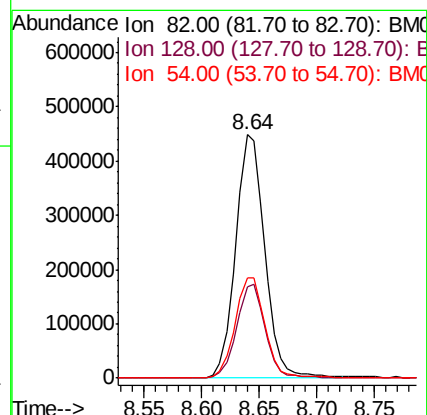
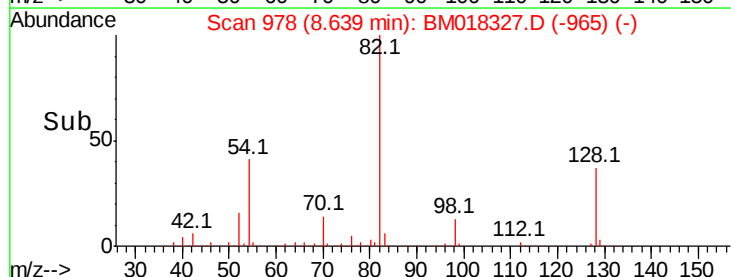
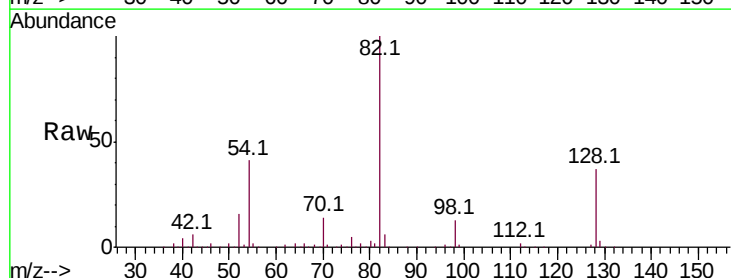
RT: 8.64 min Scan# 978

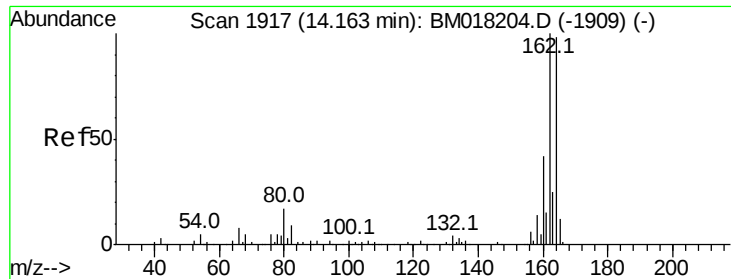
Delta R.T. -0.02 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

Tgt Ion:	82	Resp:	787042
Ion	Ratio	Lower	Upper
82	100		
128	37.3	33.4	50.2
54	41.4	33.4	50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

Instrument :

BNA_M

ClientSampled :

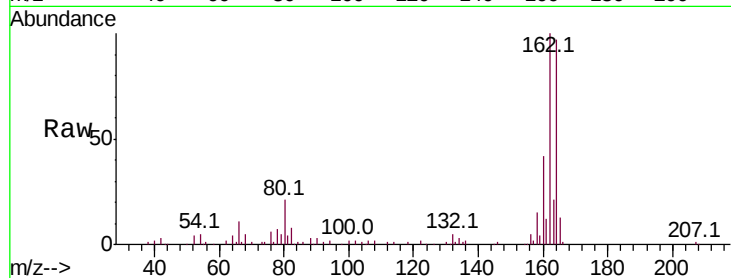
Tot Ion:164 Resp: 168248

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

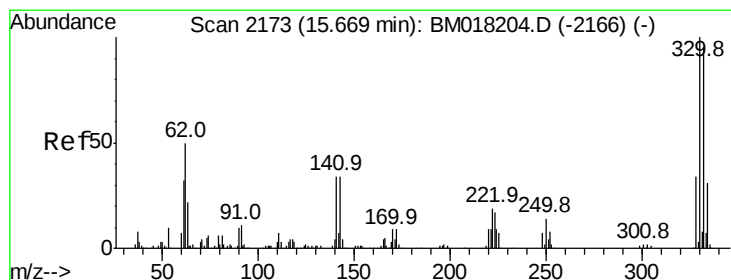
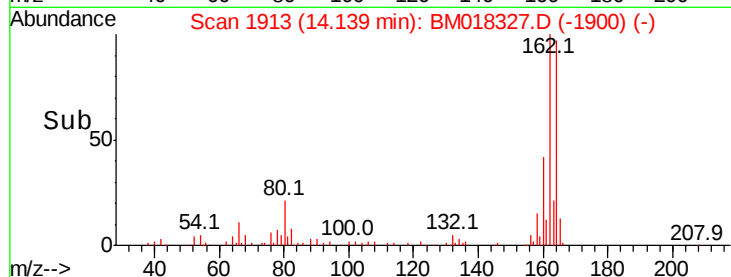
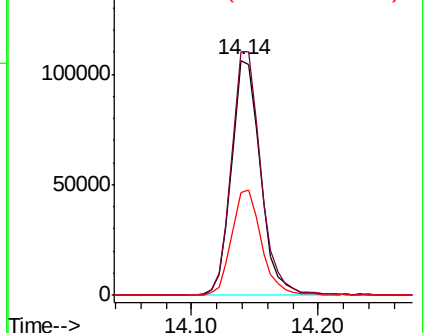
160 43.7 34.6 51.8



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: 139.180 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

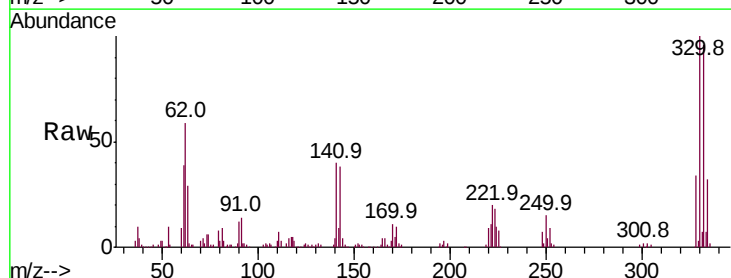
Tgt Ion:330 Resp: 343694

Ion Ratio Lower Upper

330 100

332 96.8 78.6 118.0

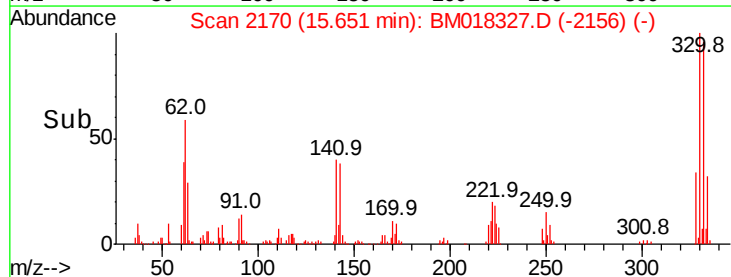
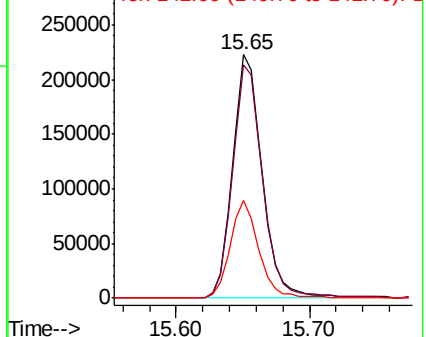
141 39.0 27.1 40.7

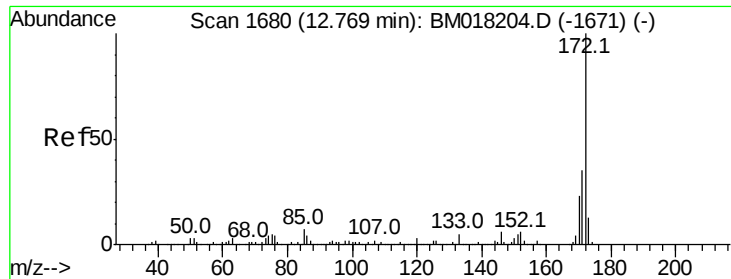


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



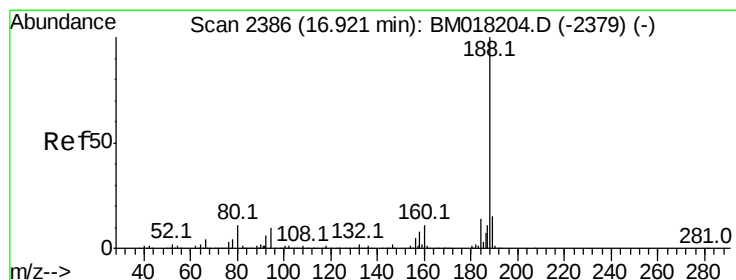
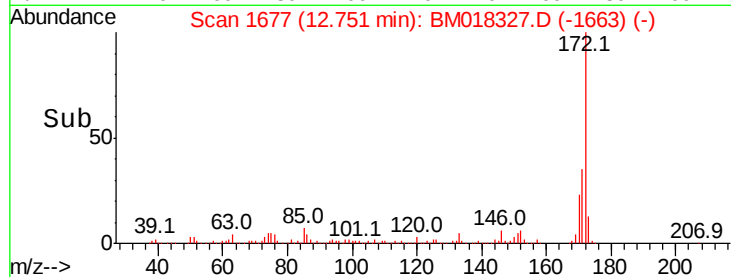
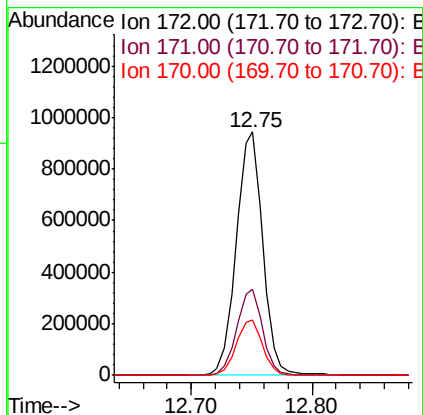
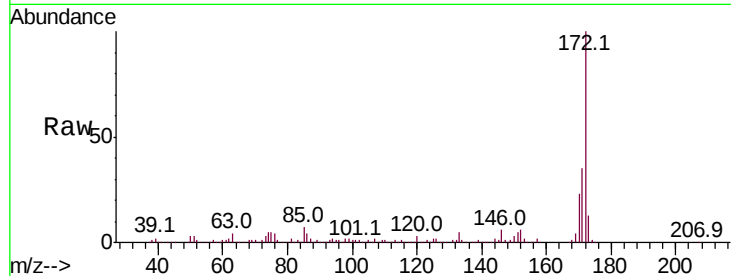


#45
 2-Fluorobiphenyl
 Concen: 111.026 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018327.D
 Acq: 20 Dec 2018 10:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1442206

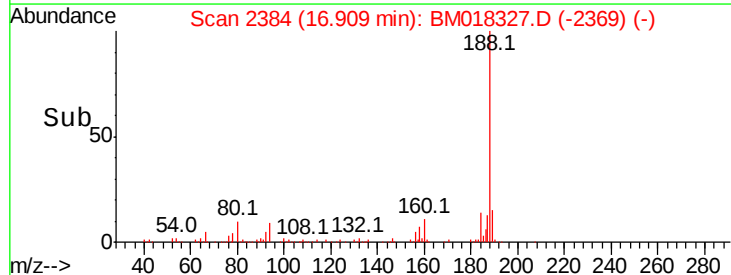
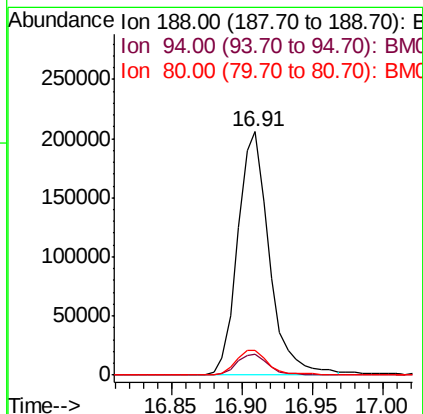
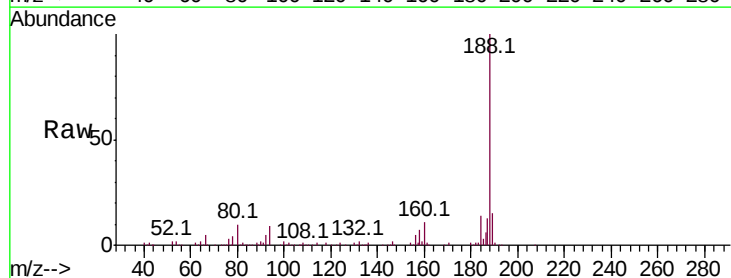
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.8	18.1	27.1

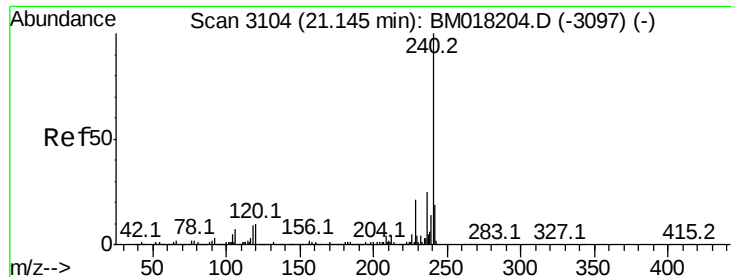


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.91 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BM018327.D
 Acq: 20 Dec 2018 10:15

Tgt Ion:188 Resp: 321797

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	10.4	9.0	13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018327.D

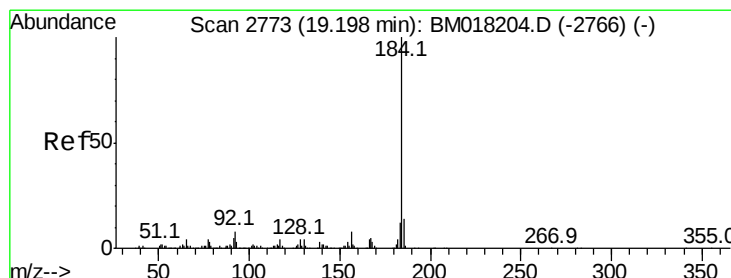
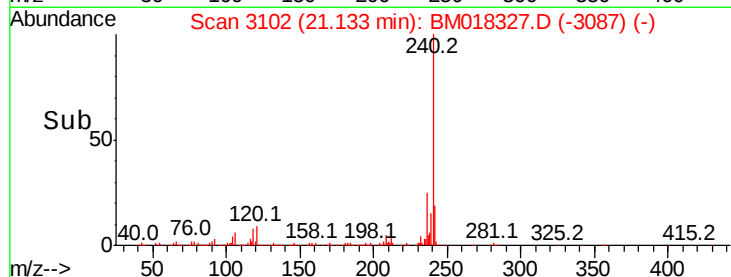
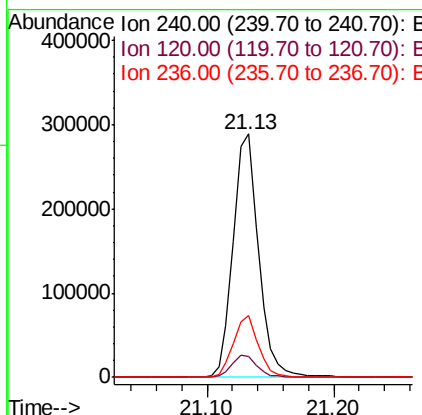
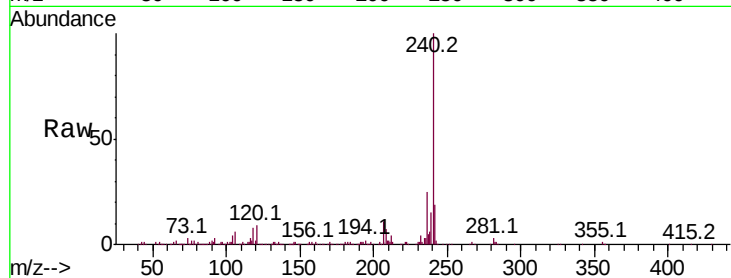
Acq: 20 Dec 2018 10:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:240	Resp:	401337
Ion Ratio	Lower	Upper
240	100	
120	8.5	8.2 12.2
236	25.4	20.3 30.5



#77

Benzidine

Concen: 2.804 ng

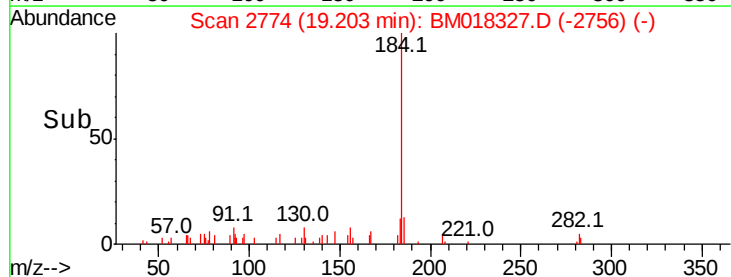
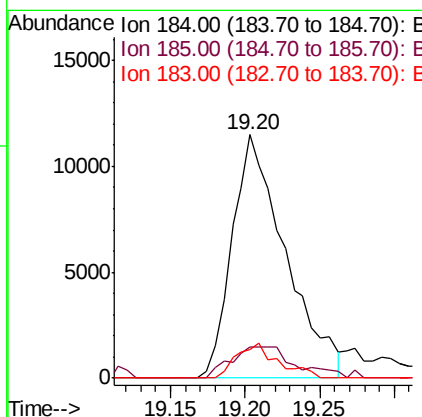
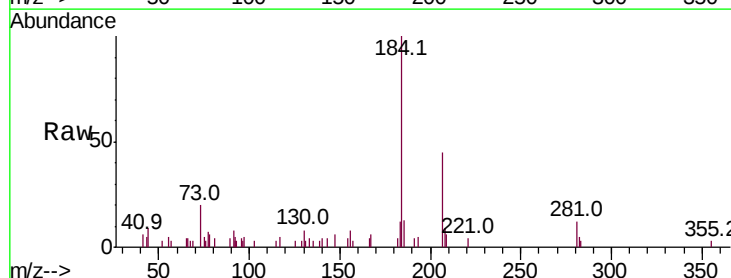
RT: 19.20 min Scan# 2774

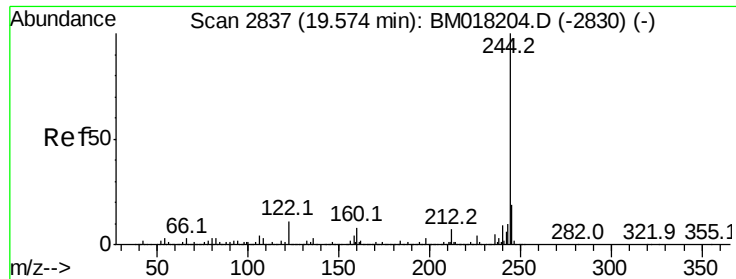
Delta R.T. 0.01 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

Tgt Ion:184	Resp:	28541
Ion Ratio	Lower	Upper
184	100	
185	12.6	11.4 17.2
183	11.6	9.7 14.5





#79

Terphenyl-d14

Concen: 108.979 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

Instrument :

BNA_M

ClientSampleId :

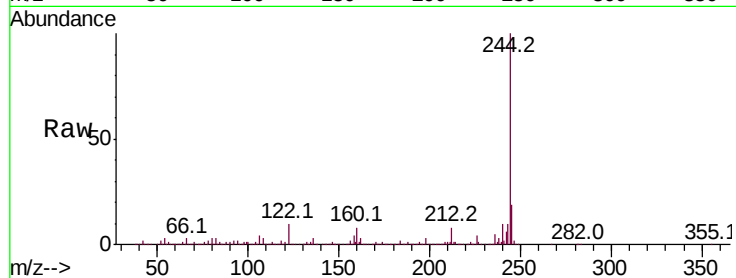
Tot Ion:244 Resp: 1933868

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

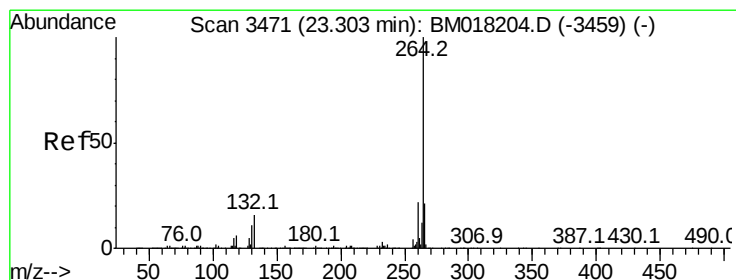
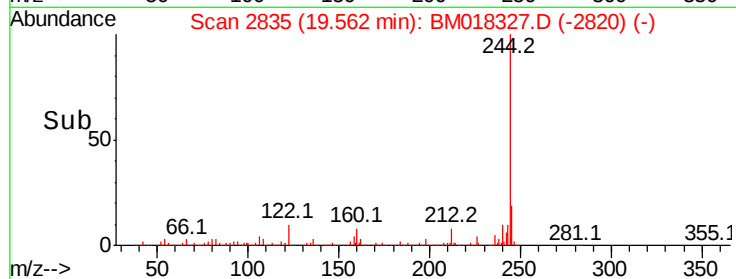
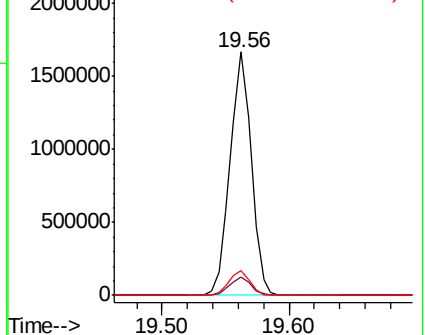
122 10.2 9.0 13.6



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: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018327.D

Acq: 20 Dec 2018 10:15

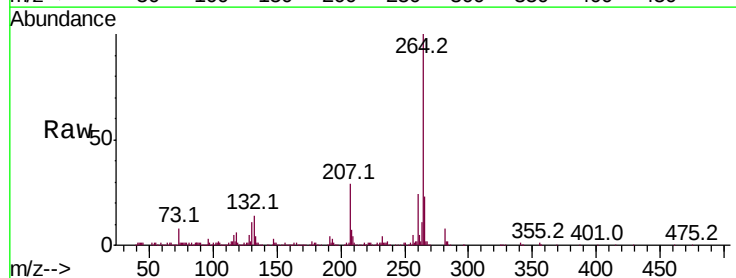
Tgt Ion:264 Resp: 460827

Ion Ratio Lower Upper

264 100

260 24.0 17.5 26.3

265 23.0 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

