

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018238.D
 Acq On : 16 Dec 2018 22:12
 Operator : JU/SJ
 Sample : J6386-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS005-1824-01

Quant Time: Dec 17 03:58:45 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

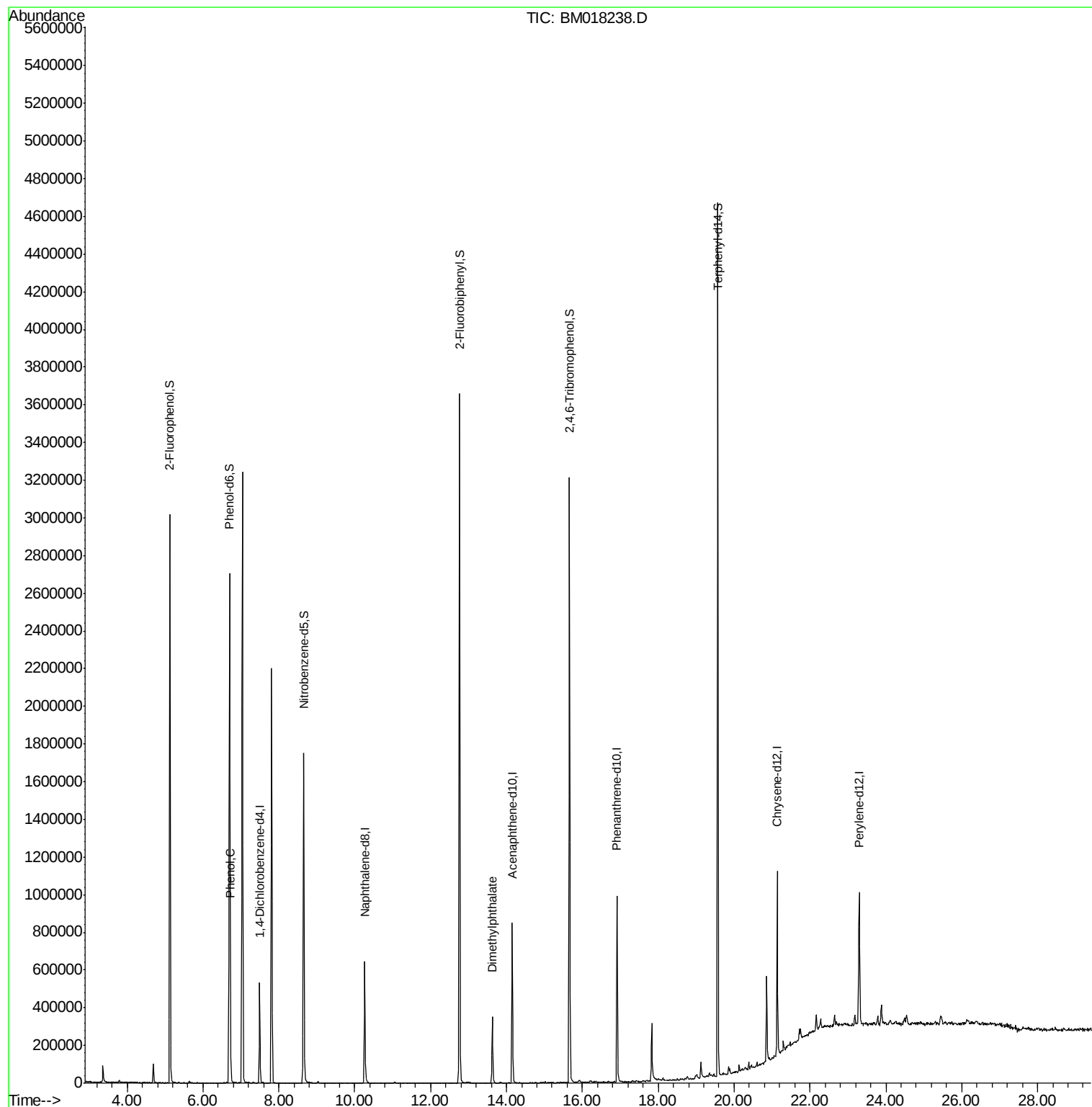
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	141775	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	555388	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	284157	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	581456	20.00	ng	0.00
76) Chrysene-d12	21.14	240	479890	20.00	ng	0.00
87) Perylene-d12	23.30	264	503291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1243966	146.57	ng	0.00
7) Phenol-d6	6.70	99	1600521	135.68	ng	0.00
23) Nitrobenzene-d5	8.66	82	1026534	94.81	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	560236	134.33	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1909797	87.05	ng	0.00
79) Terphenyl-d14	19.57	244	2071793	97.64	ng	0.00
Target Compounds						
10) Phenol	6.72	94	96505	7.725	ng	96
50) Dimethylphthalate	13.63	163	257463	10.898	ng	100

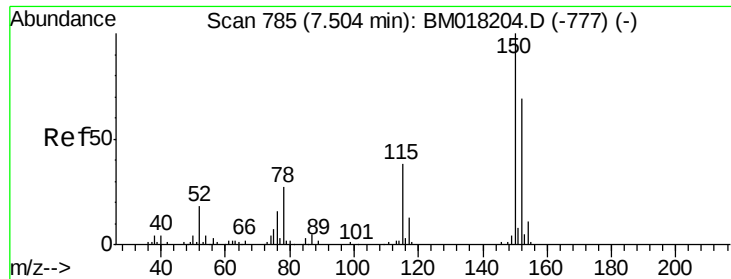
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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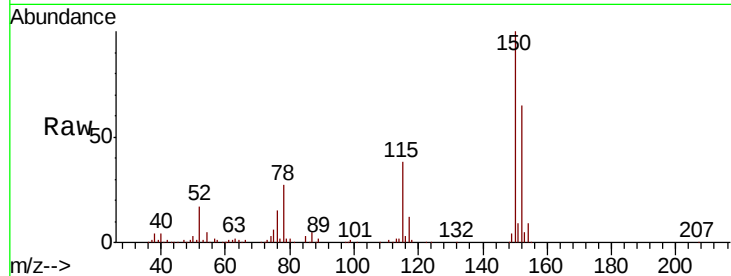


#1

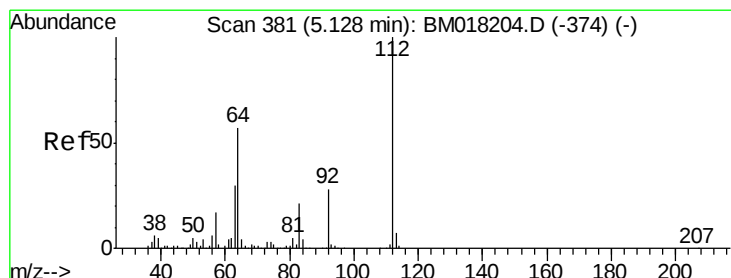
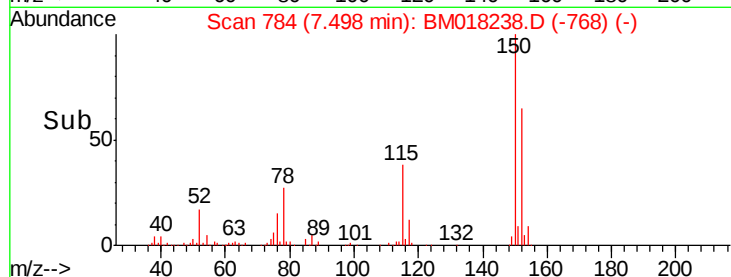
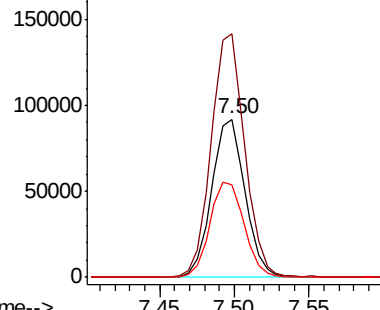
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018238.D
Acq: 16 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS005-1824-01

Tot Ion:152 Resp: 141775
Ion Ratio Lower Upper
152 100
150 153.7 116.1 174.1
115 58.1 44.6 67.0



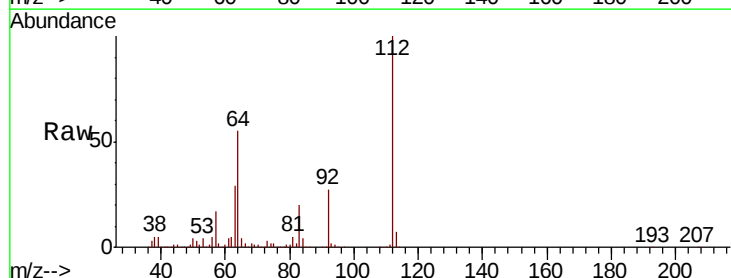
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



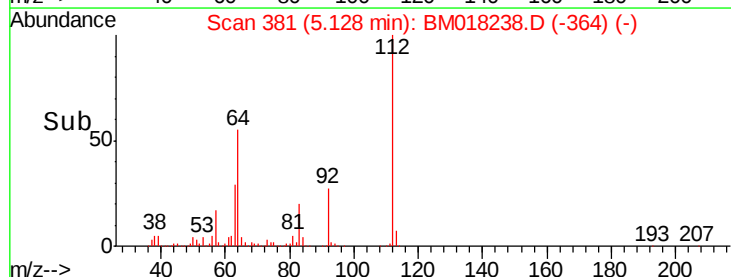
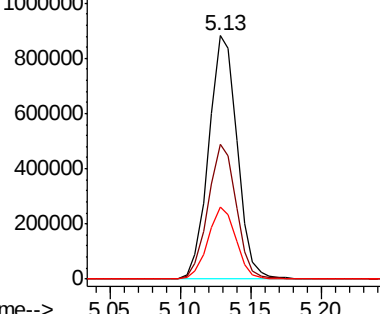
#5

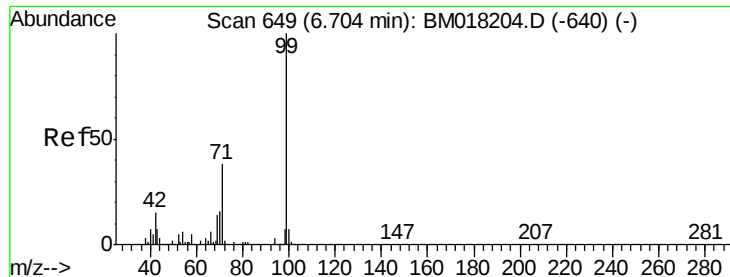
2-Fluorophenol
Concen: 146.572 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018238.D
Acq: 16 Dec 2018 22:12

Tgt Ion:112 Resp: 1243966
Ion Ratio Lower Upper
112 100
64 55.3 45.4 68.2
63 29.5 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: 135.680 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018238.D

Acq: 16 Dec 2018 22:12

Instrument :

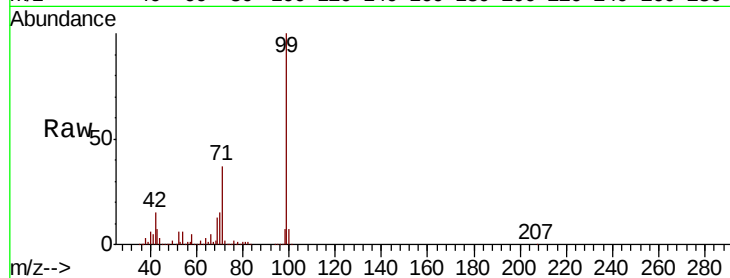
BNA_M

ClientSampleId :

P001-SS005-1824-01

Tot Ion: 99 Resp: 1600521

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.3	18.5
71	37.3	30.2	45.2

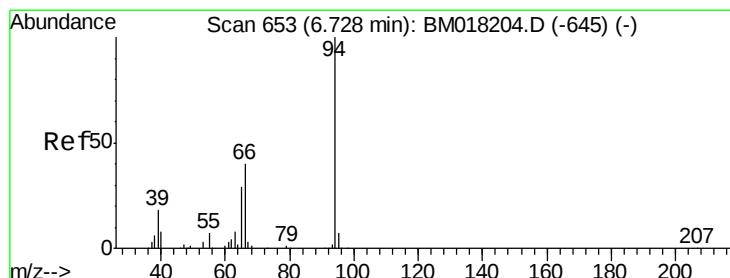
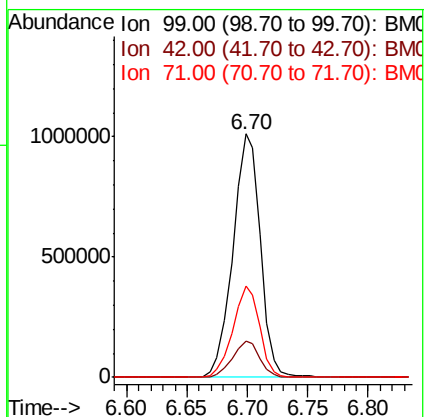
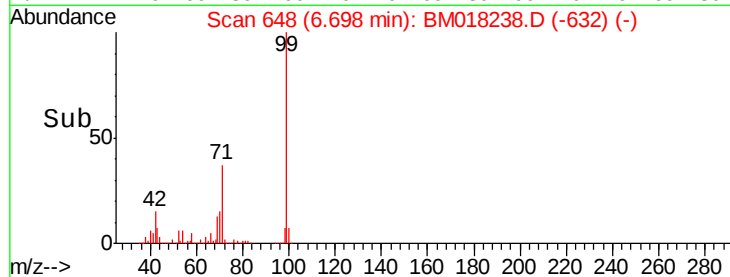


Abundance

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) (-)



#10

Phenol

Concen: 7.725 ng

RT: 6.72 min Scan# 652

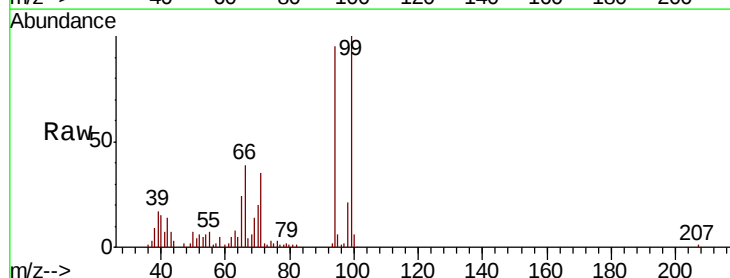
Delta R.T. -0.01 min

Lab File: BM018238.D

Acq: 16 Dec 2018 22:12

Tgt Ion: 94 Resp: 96505

Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.5	49.5
66	40.8	21.3	61.3

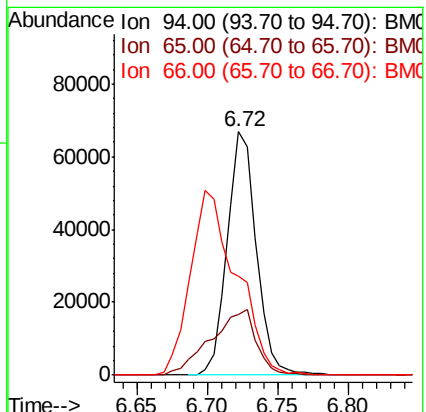
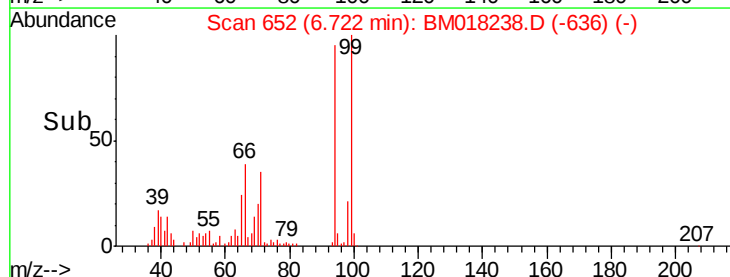


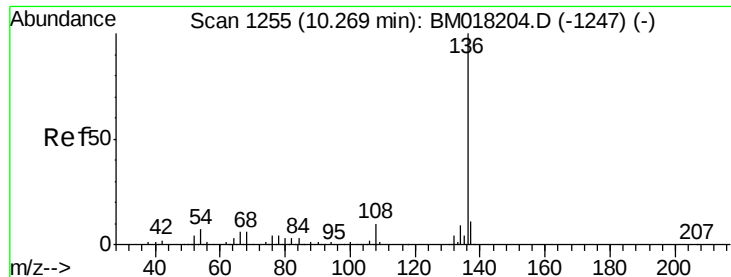
Abundance

Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

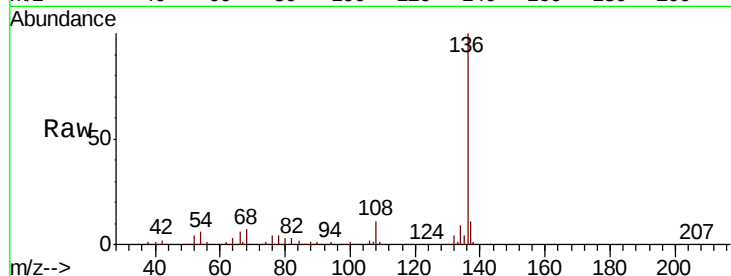




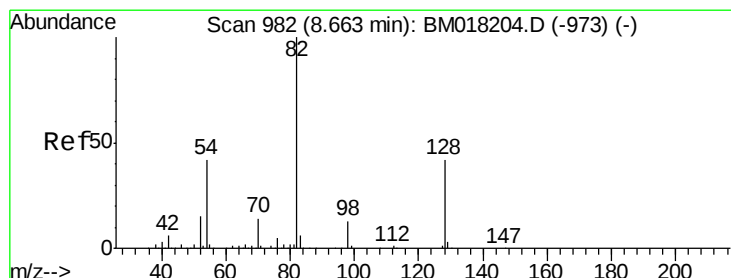
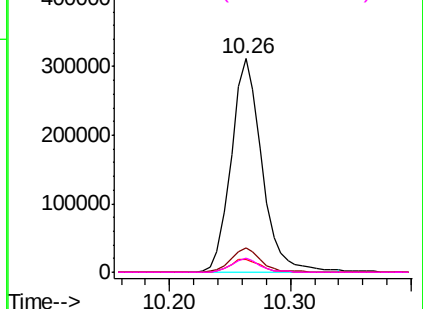
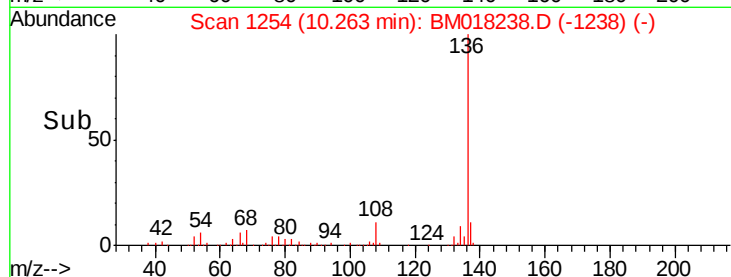
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018238.D
Acq: 16 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS005-1824-01

Tot Ion:136	Resp:	555388	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.2	13.8	
54 6.1	5.2	7.8	
68 6.5	5.0	7.6	

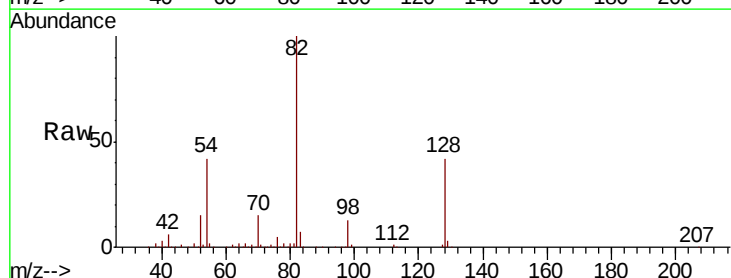


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

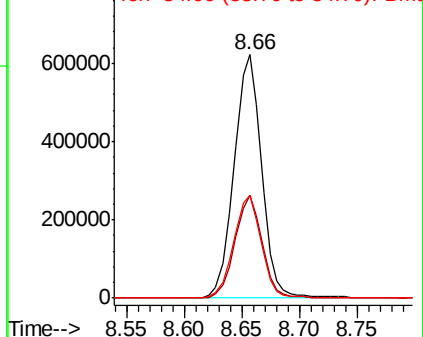
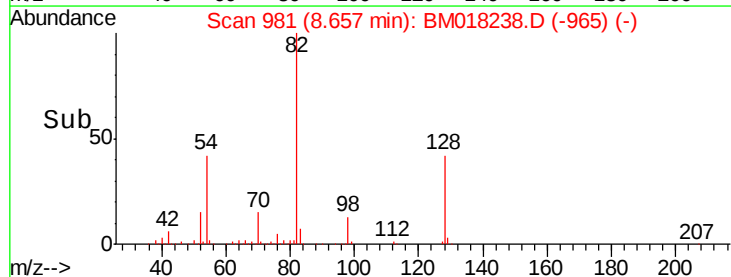


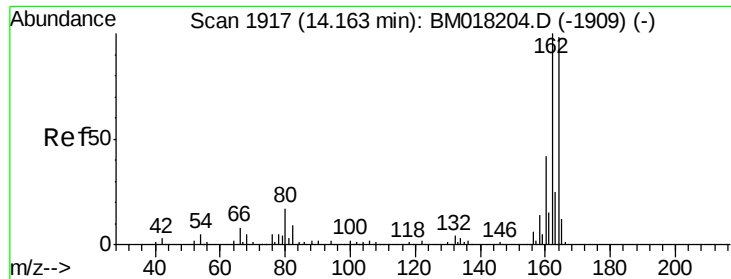
#23
Nitrobenzene-d5
Concen: 94.807 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018238.D
Acq: 16 Dec 2018 22:12

Tgt Ion: 82	Resp: 1026534
Ion Ratio	Lower Upper
82 100	
128 42.4	33.4 50.2
54 42.3	33.4 50.2



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: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018238.D

Acq: 16 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS005-1824-01

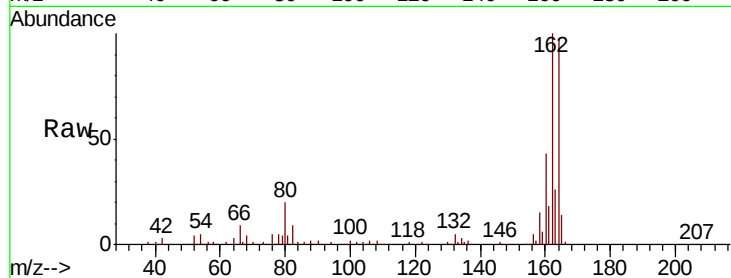
Tot Ion:164 Resp: 284157

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.6

160 44.3 34.6 51.8

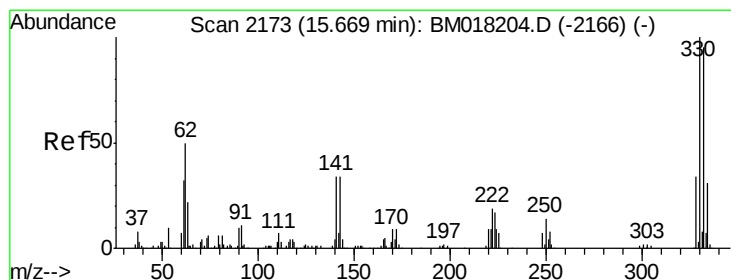
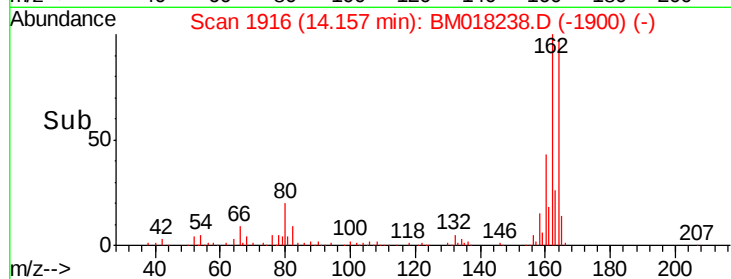
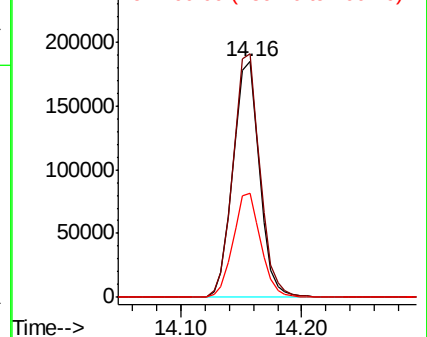


Abundance

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: 134.329 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018238.D

Acq: 16 Dec 2018 22:12

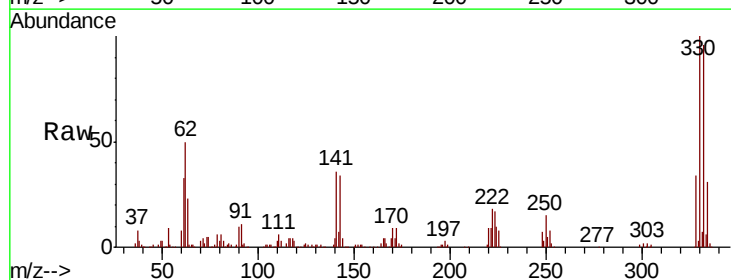
Tgt Ion:330 Resp: 560236

Ion Ratio Lower Upper

330 100

332 96.3 78.6 118.0

141 35.7 27.1 40.7

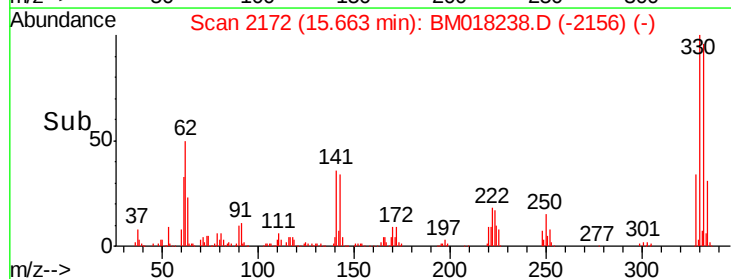
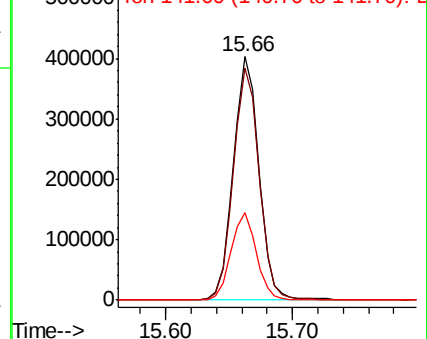


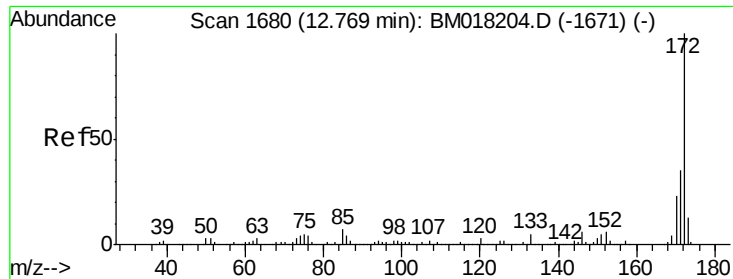
Abundance

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



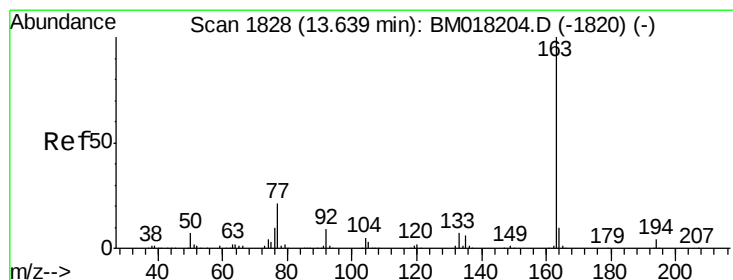
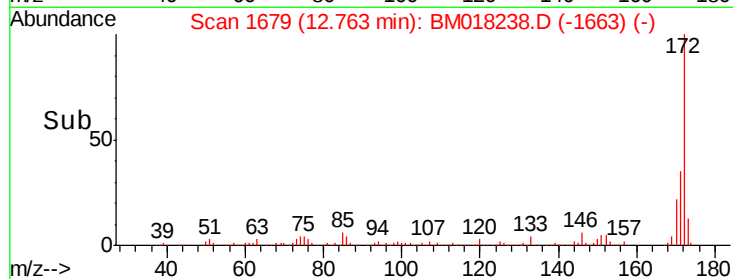
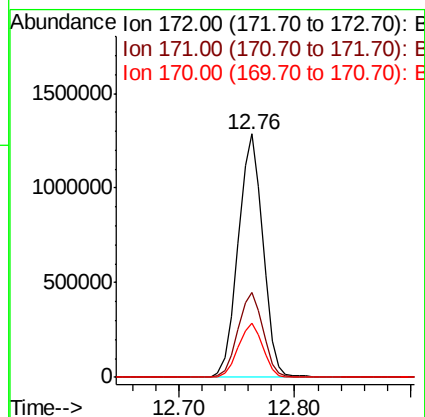
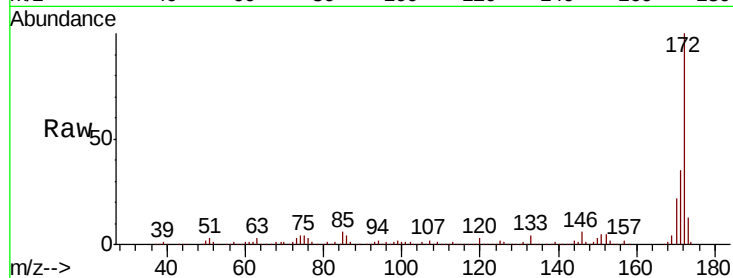


#45
 2-Fluorobiphenyl
 Concen: 87.052 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018238.D
 Acq: 16 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS005-1824-01

Tot Ion:172 Resp: 1909797

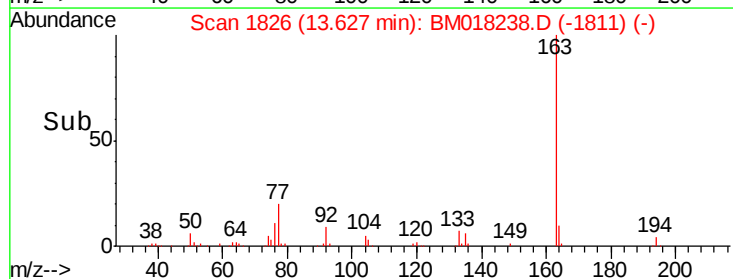
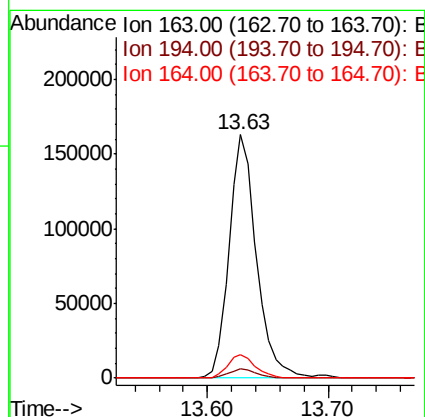
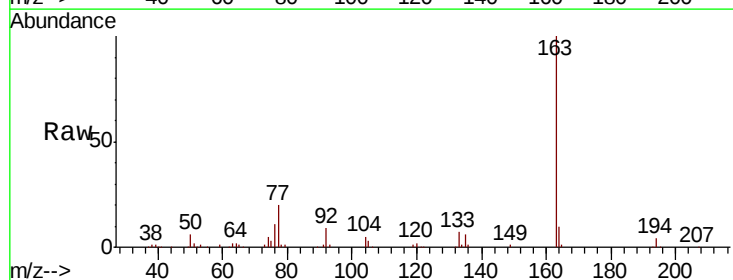
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.2	18.1	27.1

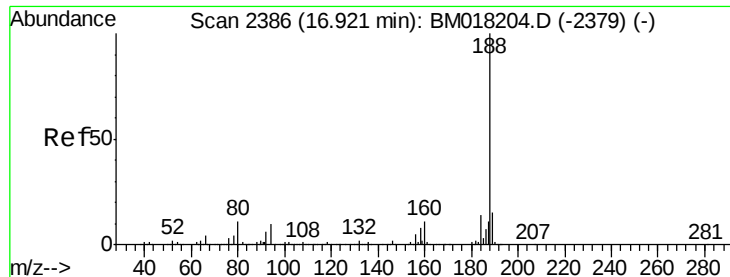


#50
 Dimethylphthalate
 Concen: 10.898 ng
 RT: 13.63 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BM018238.D
 Acq: 16 Dec 2018 22:12

Tgt Ion:163 Resp: 257463

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.8	7.9	11.9

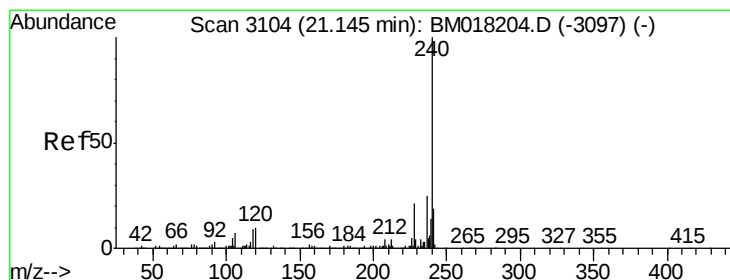
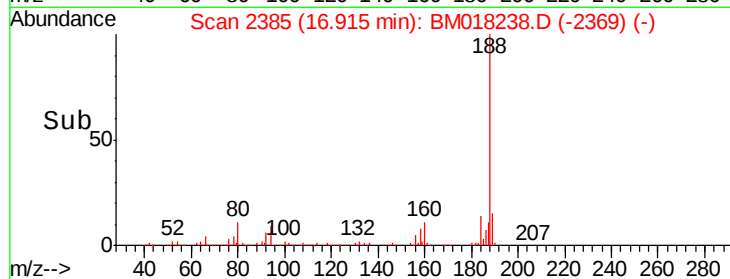
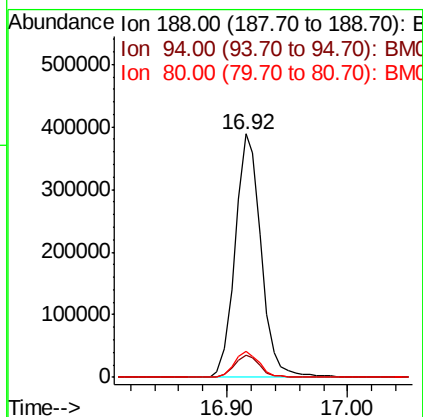
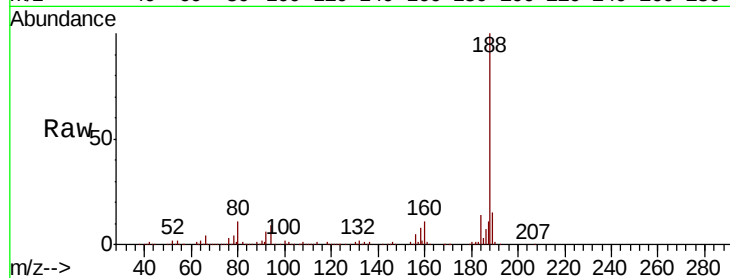




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018238.D
Acq: 16 Dec 2018 22:12

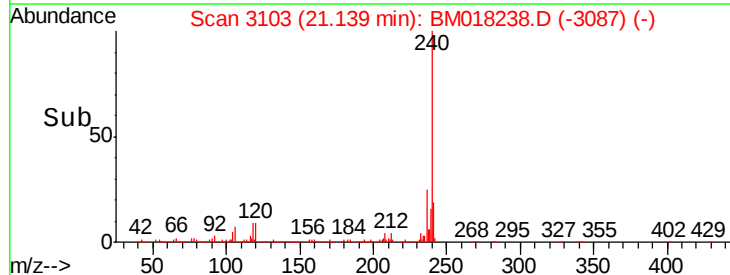
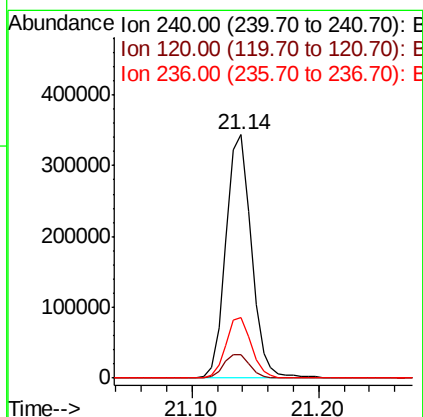
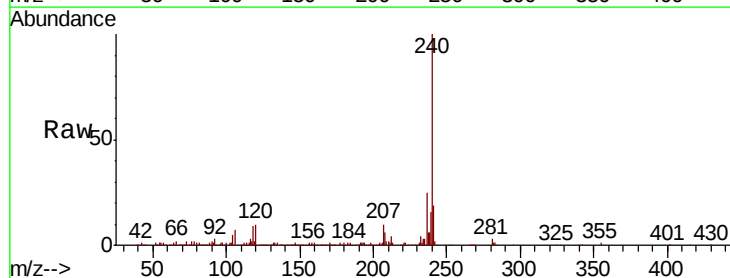
Instrument :
BNA_M
ClientSampleId :
P001-SS005-1824-01

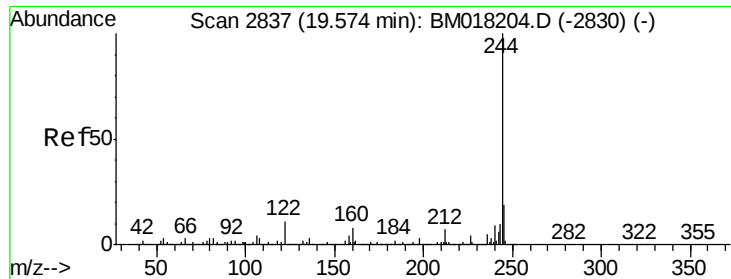
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.8	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018238.D
Acq: 16 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.2
236	25.0	20.3	30.5





#79

Terphenyl-d14

Concen: 97.640 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018238.D

Acq: 16 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS005-1824-01

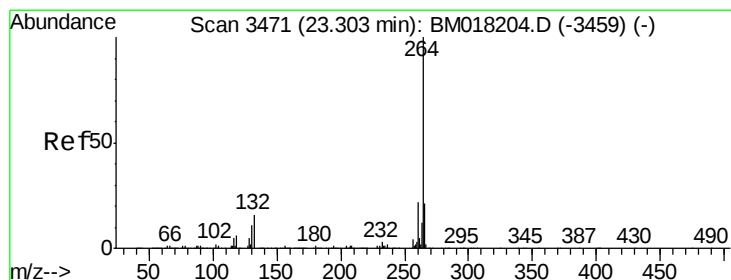
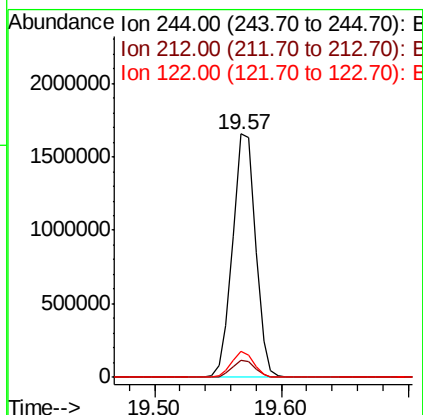
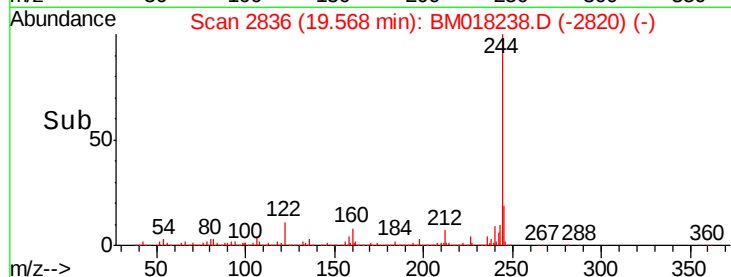
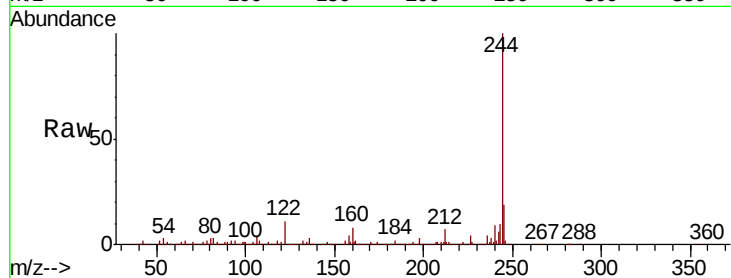
Tot Ion:244 Resp: 2071793

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.8 9.0 13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018238.D

Acq: 16 Dec 2018 22:12

Tgt Ion:264 Resp: 503291

Ion Ratio Lower Upper

264 100

260 22.9 17.5 26.3

265 21.5 17.3 25.9

