

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018249.D
 Acq On : 17 Dec 2018 15:13
 Operator : JU/SJ
 Sample : J6378-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01

Quant Time: Dec 18 00:49:57 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

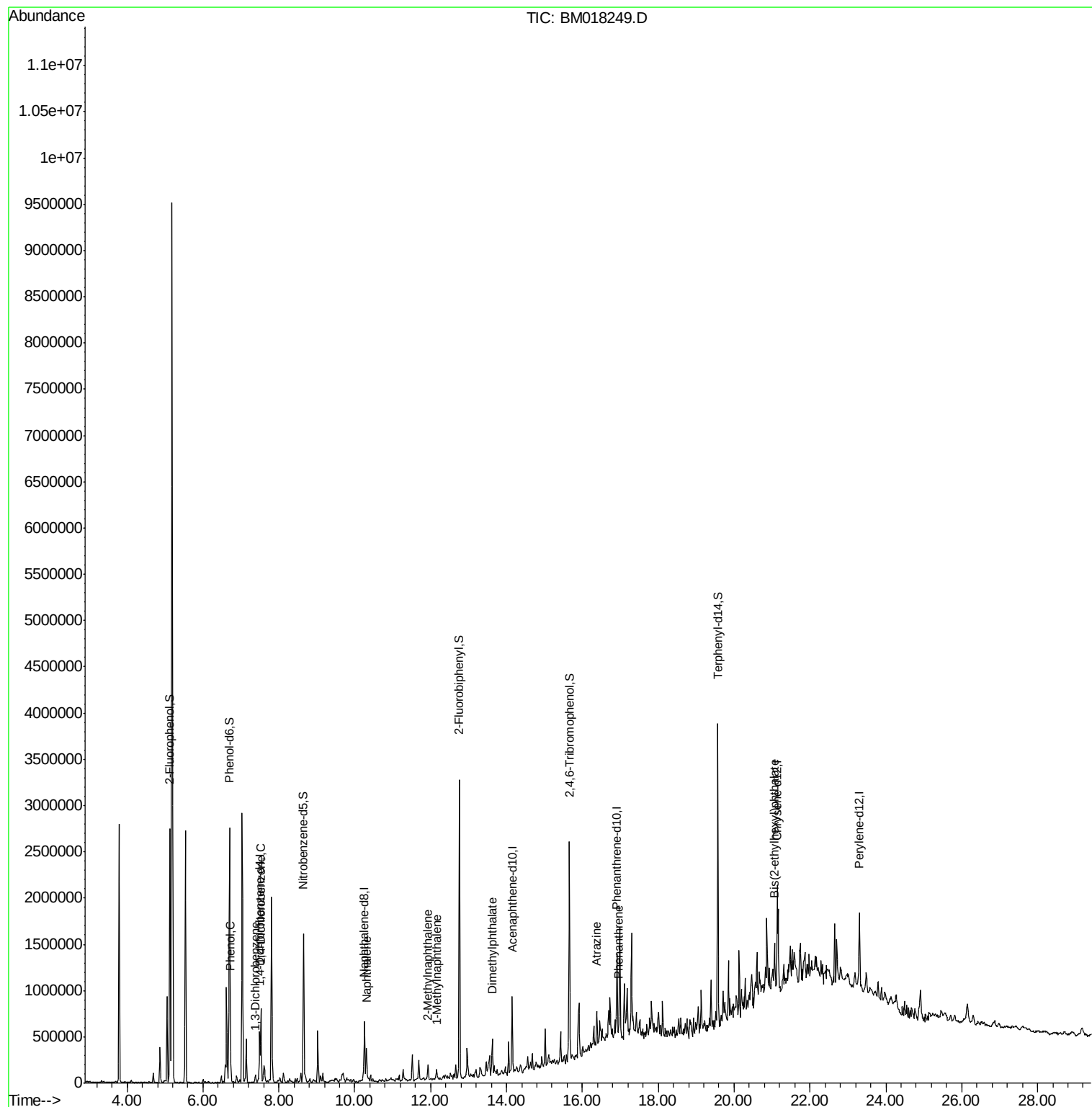
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	137241	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	512690	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	252214	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	476526	20.00	ng	0.00
76) Chrysene-d12	21.14	240	468566	20.00	ng	0.00
87) Perylene-d12	23.30	264	546221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1144878	139.35	ng	0.00
7) Phenol-d6	6.70	99	1539398	134.81	ng	0.00
23) Nitrobenzene-d5	8.65	82	952962	95.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	418770	113.13	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1648343	84.65	ng	-0.01
79) Terphenyl-d14	19.57	244	1520452	73.39	ng	0.00
Target Compounds						
10) Phenol	6.72	94	104965	8.680	ng	Qvalue 93
12) 1,3-Dichlorobenzene	7.38	146	26913	2.483	ng	96
13) 1,4-Dichlorobenzene	7.53	146	286856	26.061	ng	100
31) Naphthalene	10.31	128	278239	11.099	ng	98
37) 2-Methylnaphthalene	11.93	142	81916	4.633	ng	99
38) 1-Methylnaphthalene	12.16	142	47717	2.766	ng	100
50) Dimethylphthalate	13.63	163	104080	4.964	ng	100
69) Atrazine	16.38	200	56872	10.691	ng	# 42
71) Phenanthrene	16.96	178	57483	2.221	ng	94
84) Bis(2-ethylhexyl)phthalate	21.07	149	122865	6.207	ng	99

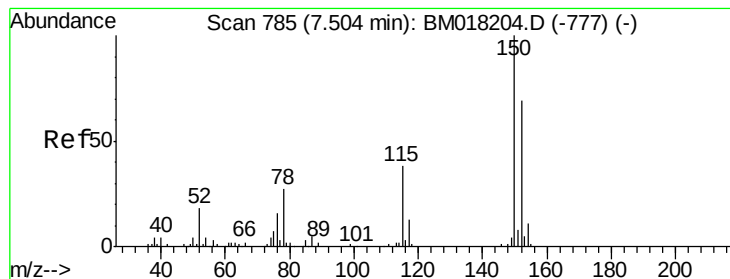
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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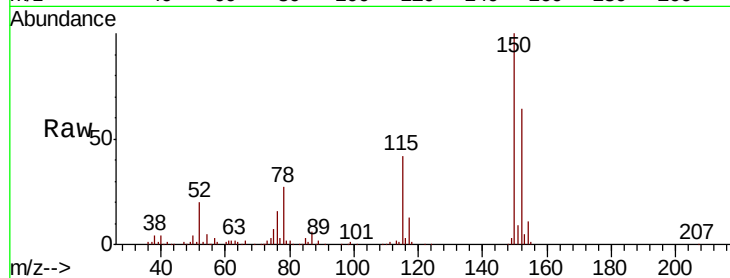


#1

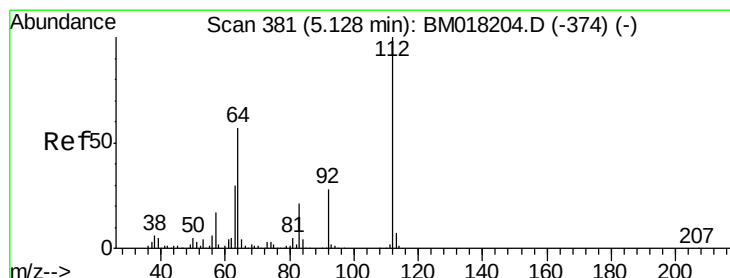
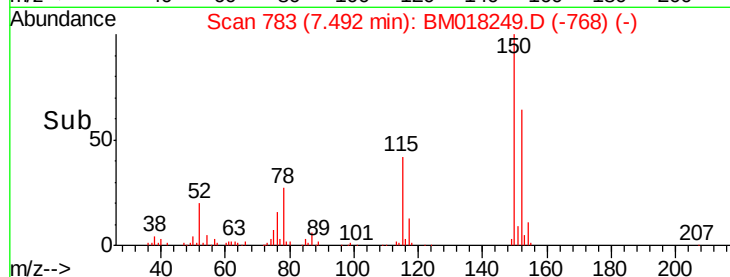
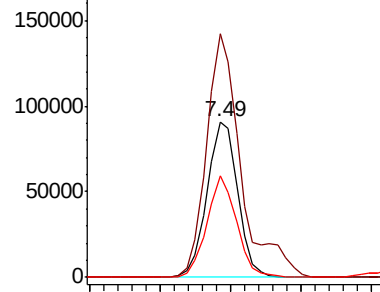
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01

Tgt Ion:152 Resp: 137241
Ion Ratio Lower Upper
152 100
150 156.8 116.1 174.1
115 65.5 44.6 67.0



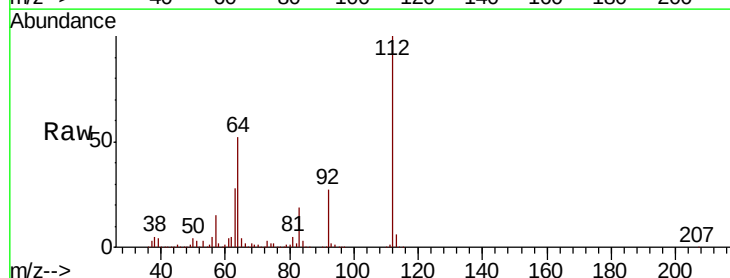
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



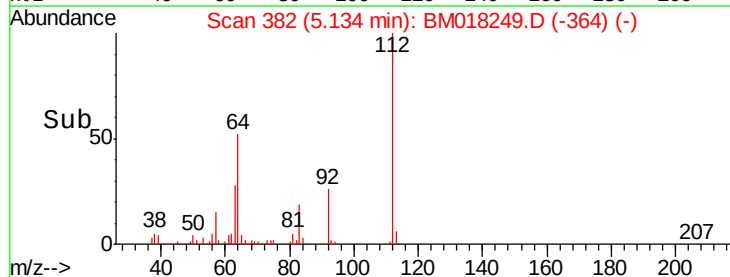
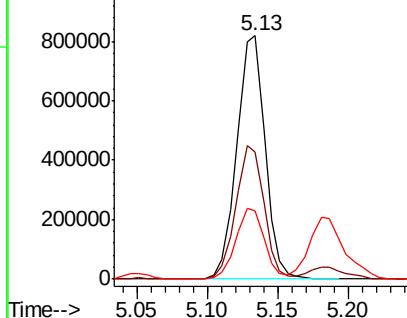
#5

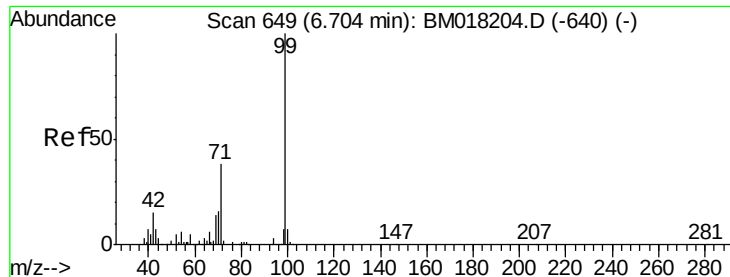
2-Fluorophenol
Concen: 139.353 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Tgt Ion:112 Resp: 1144878
Ion Ratio Lower Upper
112 100
64 52.3 45.4 68.2
63 28.3 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: 134.809 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01

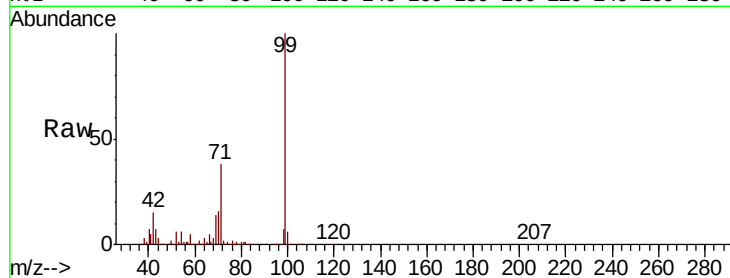
Tgt Ion: 99 Resp: 1539398

Ion Ratio Lower Upper

99 100

42 15.4 12.3 18.5

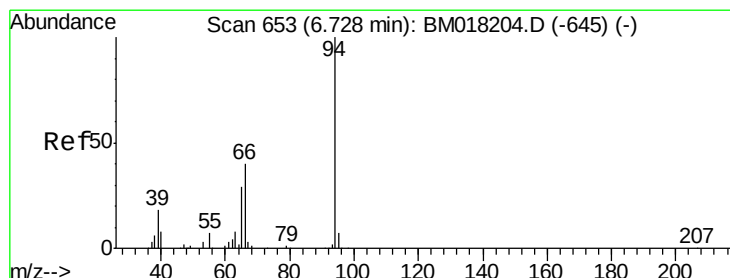
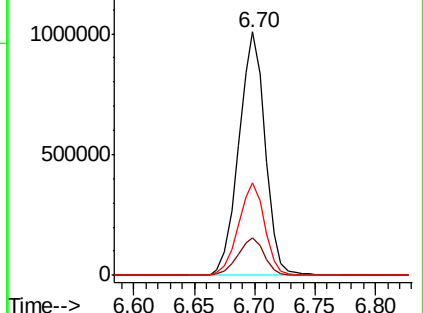
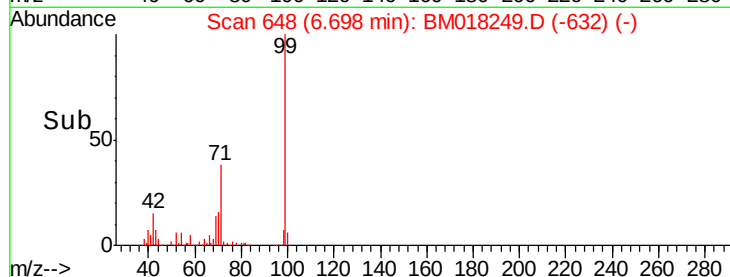
71 37.9 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018249.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018249.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018249.D (-632) (-)



#10

Phenol

Concen: 8.680 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

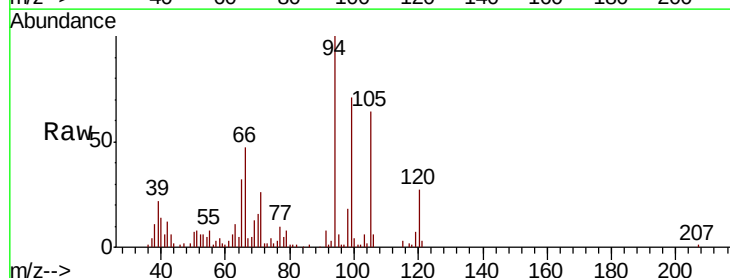
Tgt Ion: 94 Resp: 104965

Ion Ratio Lower Upper

94 100

65 31.7 9.5 49.5

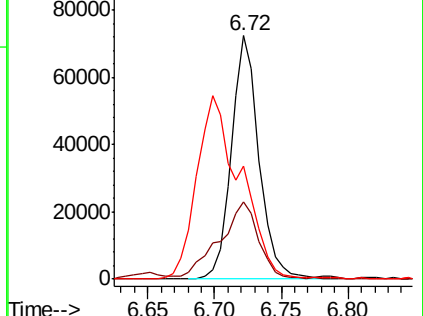
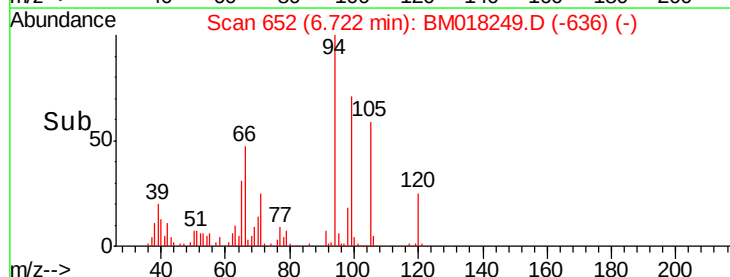
66 46.7 21.3 61.3

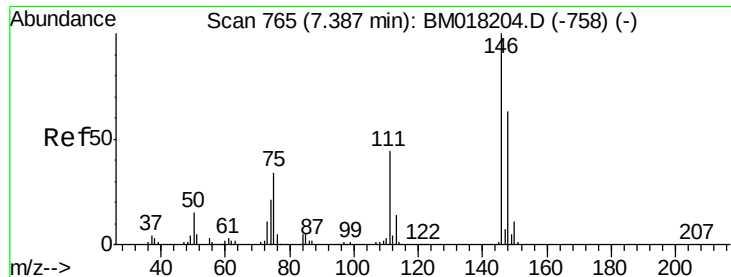


Abundance Ion 94.00 (93.70 to 94.70): BM018249.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018249.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018249.D (-636) (-)

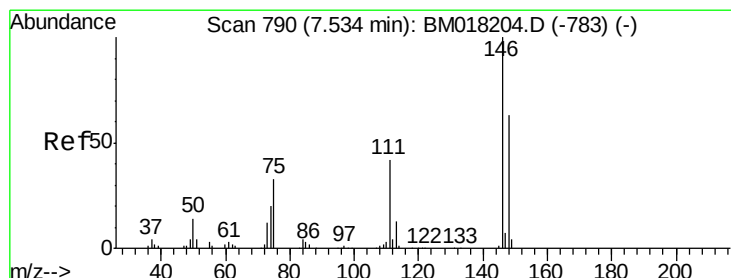
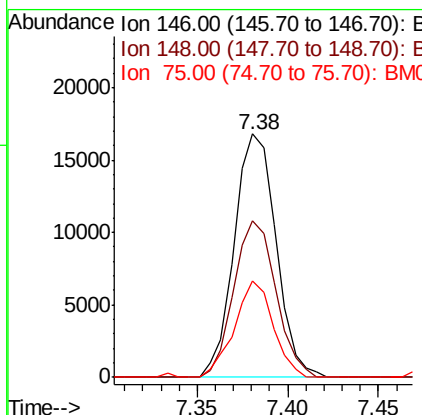
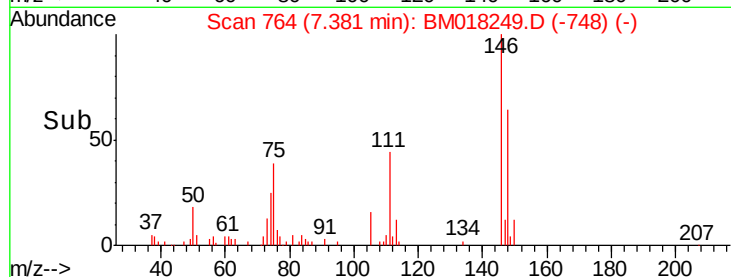
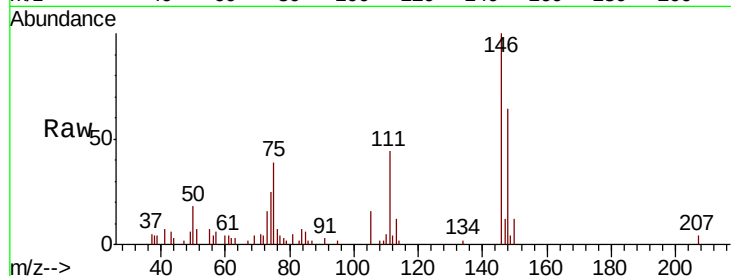




#12
 1,3-Dichlorobenzene
 Concen: 2.483 ng
 RT: 7.38 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BM018249.D
 Acq: 17 Dec 2018 15:13

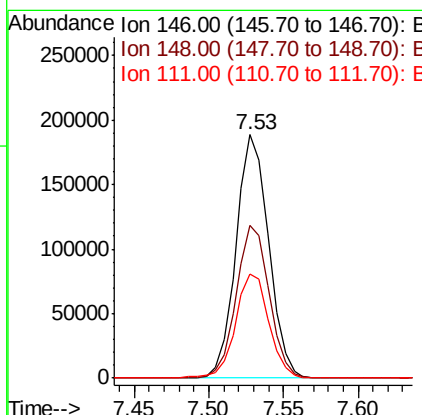
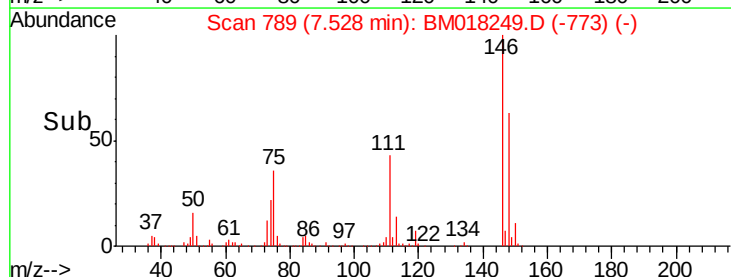
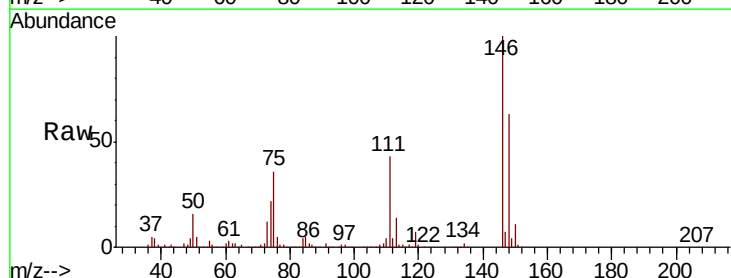
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01

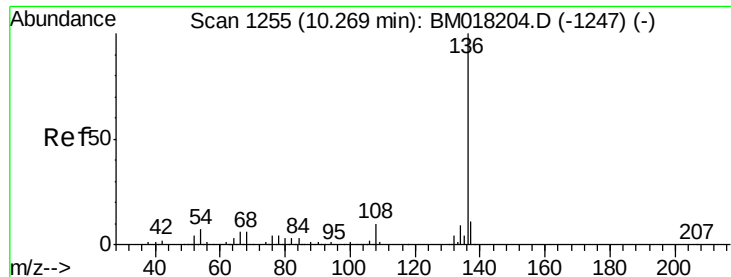
Tgt Ion:146 Resp: 26913
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 76.0
 75 39.4 27.0 40.4



#13
 1,4-Dichlorobenzene
 Concen: 26.061 ng
 RT: 7.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM018249.D
 Acq: 17 Dec 2018 15:13

Tgt Ion:146 Resp: 286856
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.7 76.1
 111 42.6 34.2 51.2

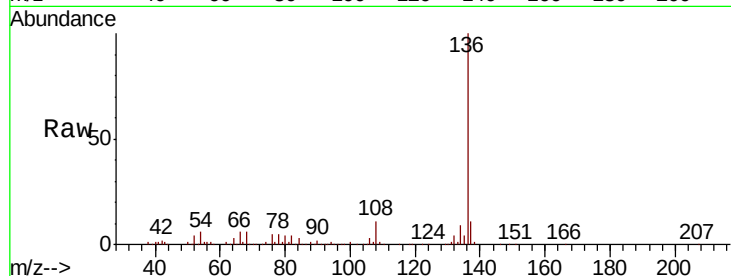




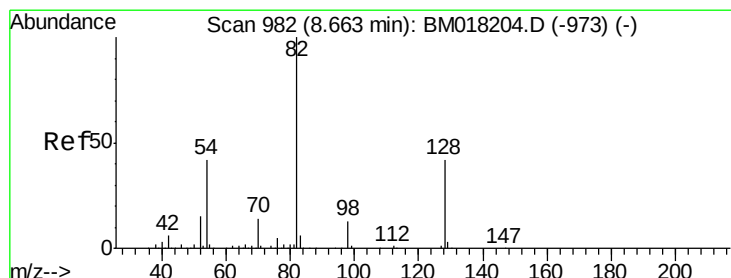
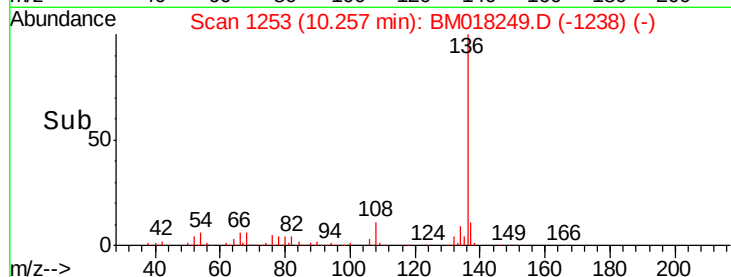
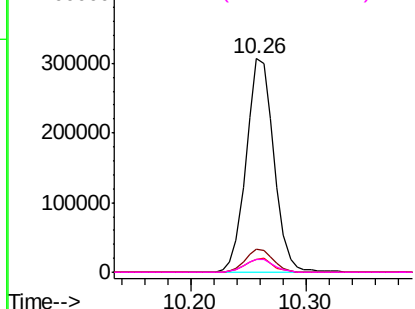
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01

Tgt Ion:	136	Resp:	512690
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.1	5.2	7.8
68	6.2	5.0	7.6

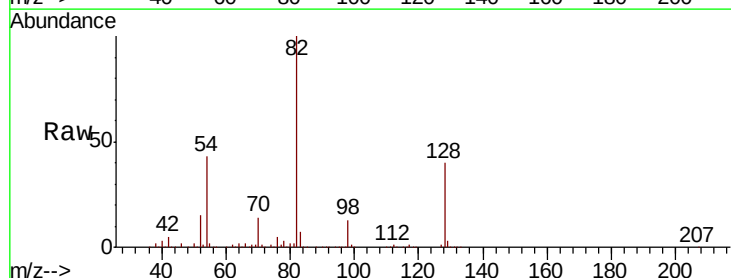


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

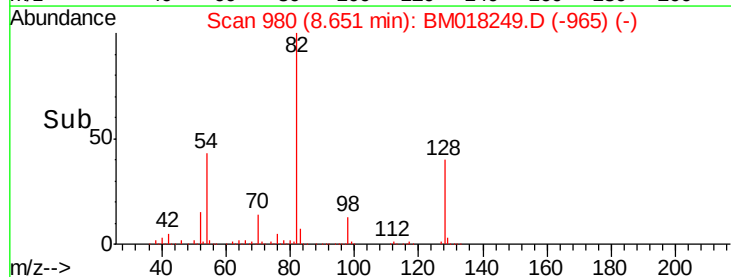
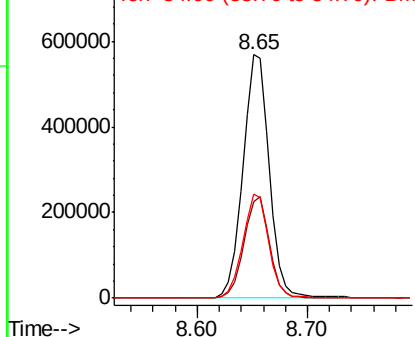


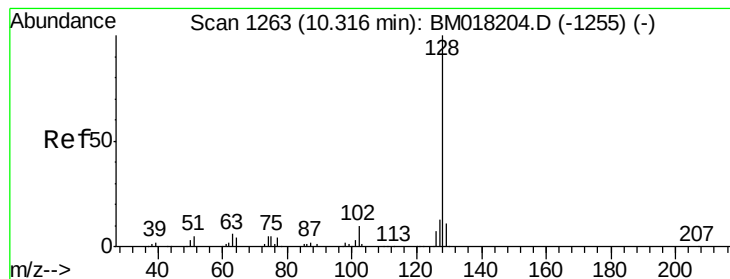
#23
Nitrobenzene-d5
Concen: 95.342 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Tgt Ion:	82	Resp:	952962
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.4	50.2
54	42.5	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





#31

Naphthalene

Concen: 11.099 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01

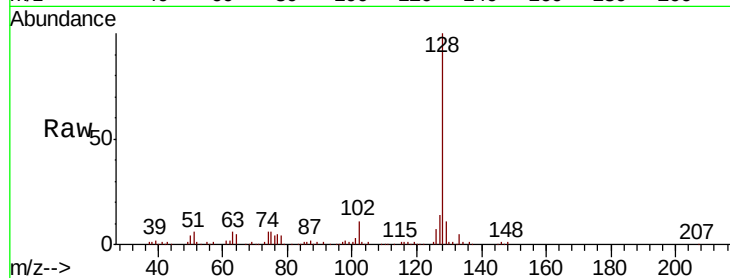
Tgt Ion:128 Resp: 278239

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

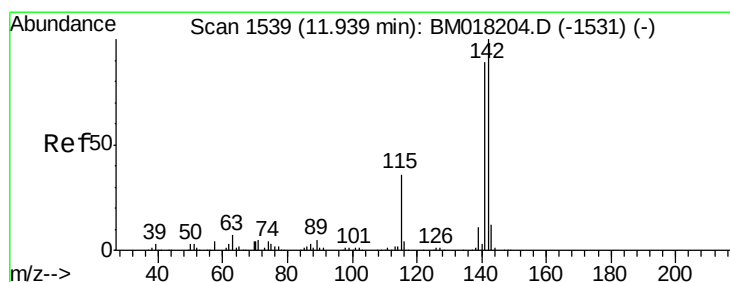
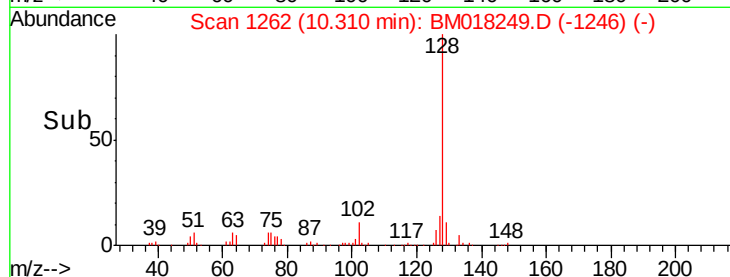
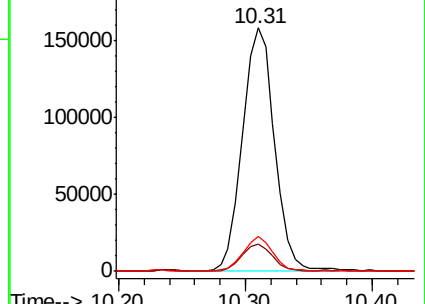
127 14.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 4.633 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

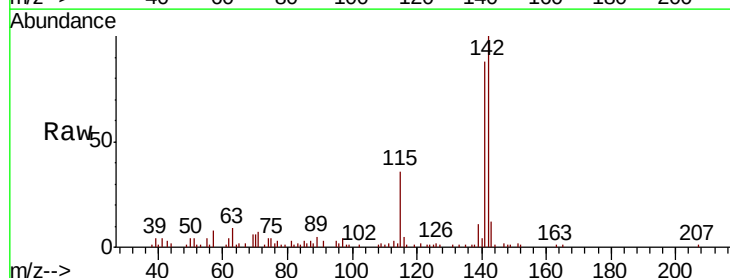
Tgt Ion:142 Resp: 81916

Ion Ratio Lower Upper

142 100

141 87.7 71.4 107.2

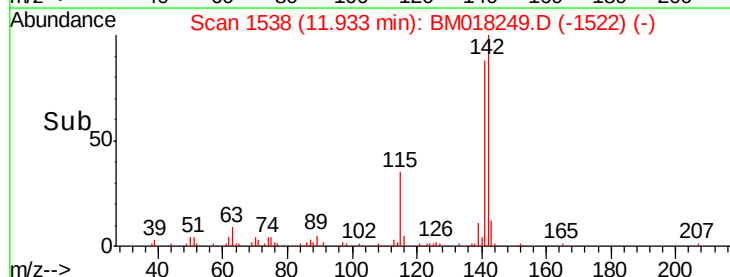
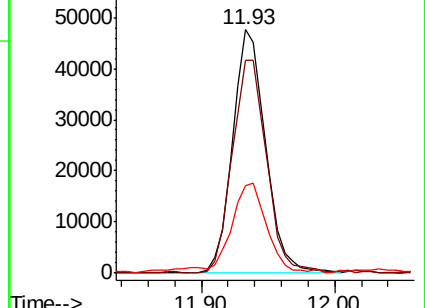
115 35.7 29.0 43.6

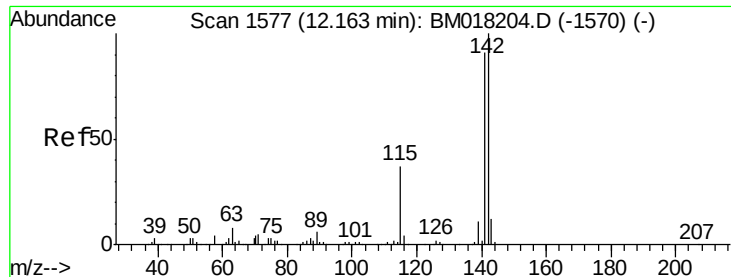


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

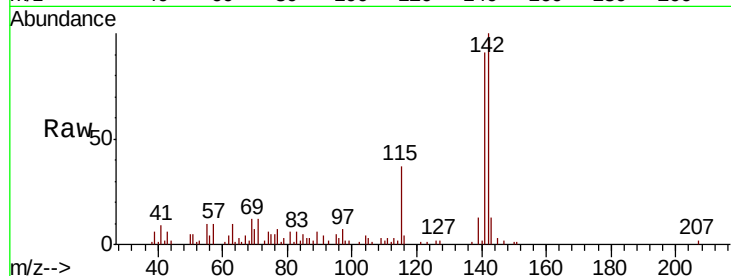




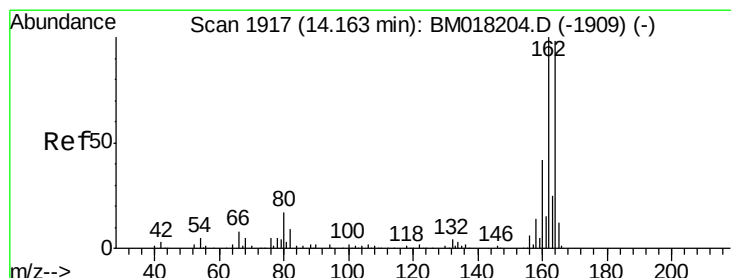
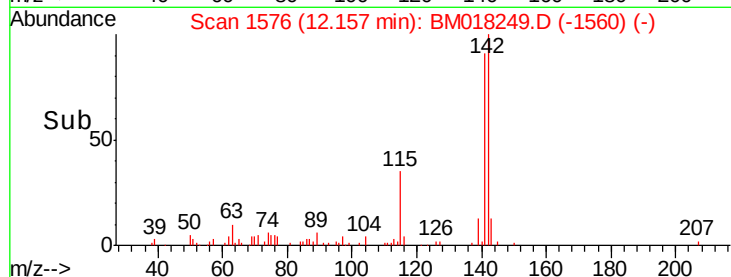
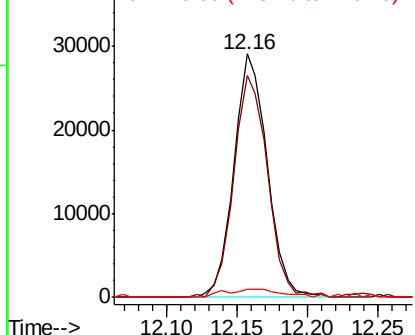
#38
1-Methylnaphthalene
Concen: 2.766 ng
RT: 12.16 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01

Tgt Ion:142 Resp: 47717
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4
116 3.6 3.0 4.6

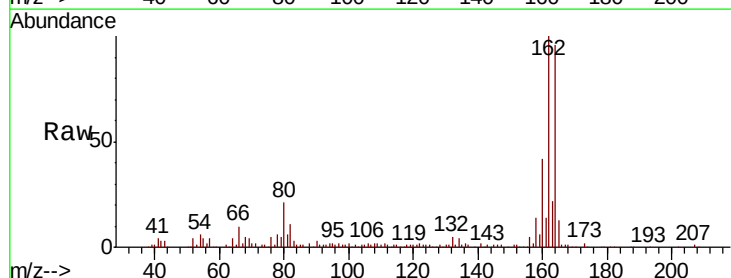


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

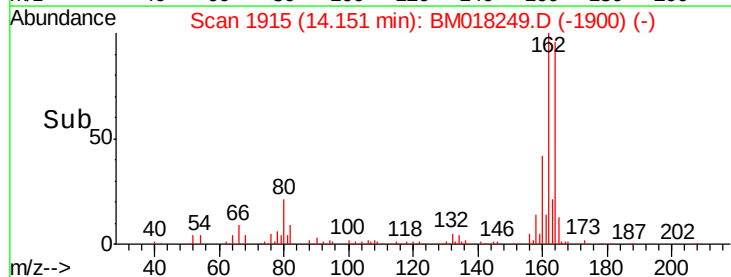
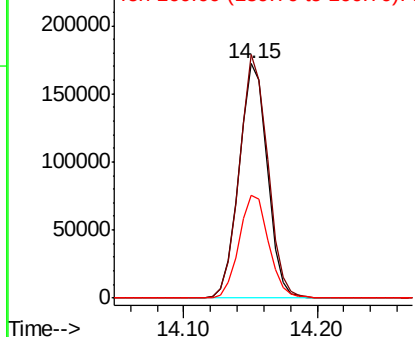


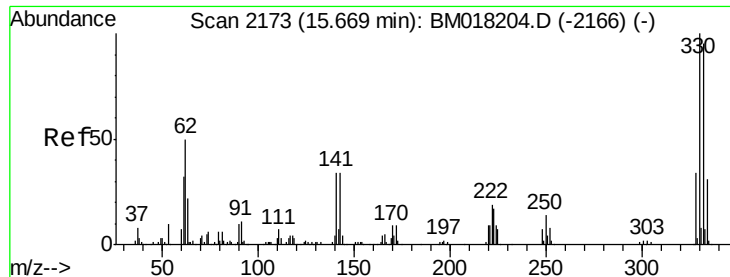
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Tgt Ion:164 Resp: 252214
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 44.0 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

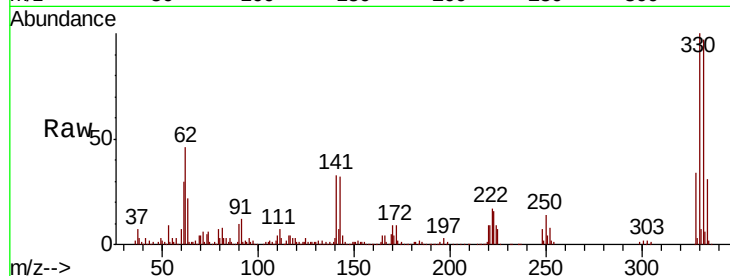




#42
 2,4,6-Tribromophenol
 Concen: 113.126 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018249.D
 Acq: 17 Dec 2018 15:13

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	34.9	27.1	40.7

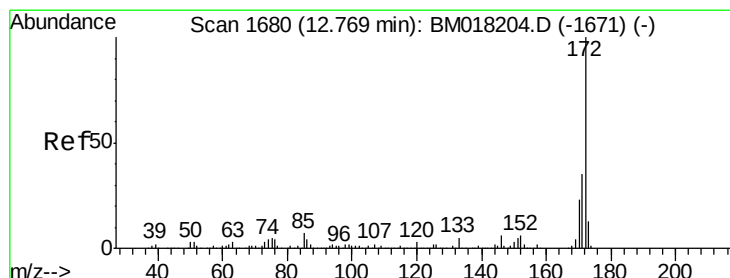
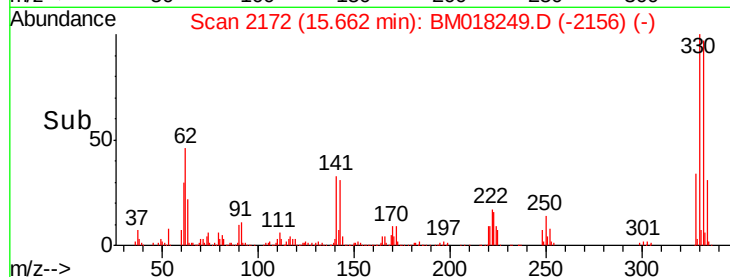
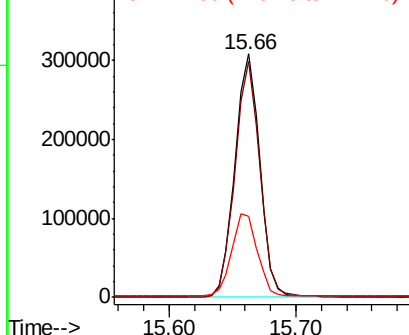


Abundance

Ion 329.80 (329.50 to 330.50): E

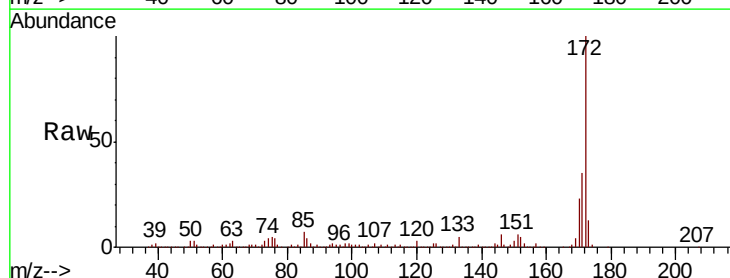
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.650 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018249.D
 Acq: 17 Dec 2018 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.8	18.1	27.1

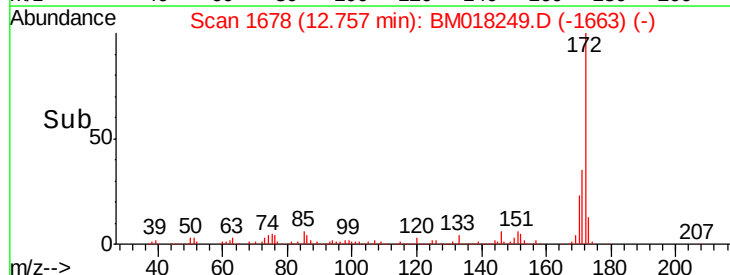
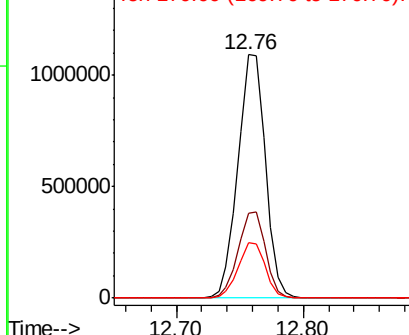


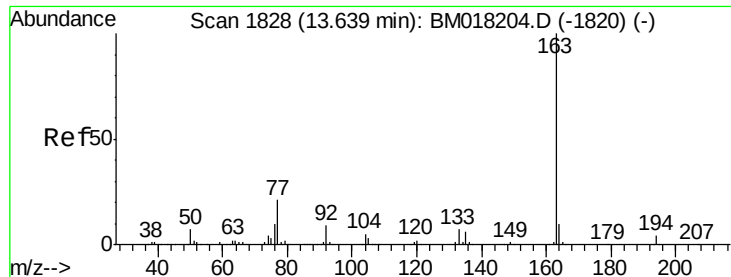
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.964 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01

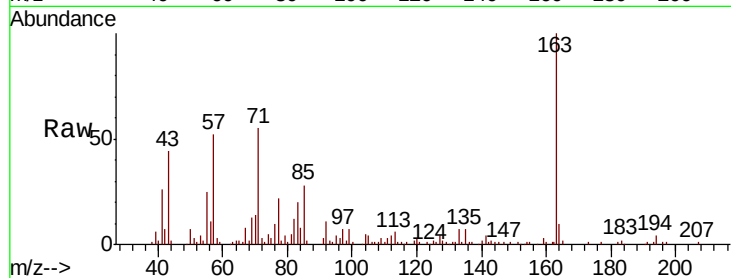
Tgt Ion:163 Resp: 104080

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

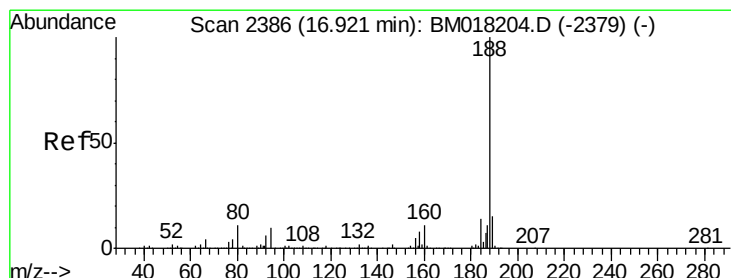
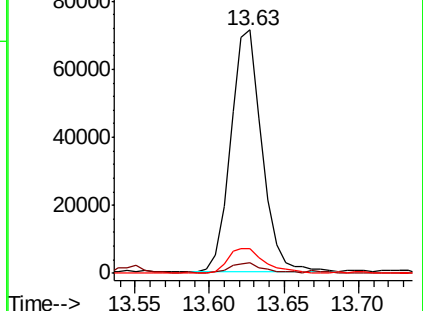
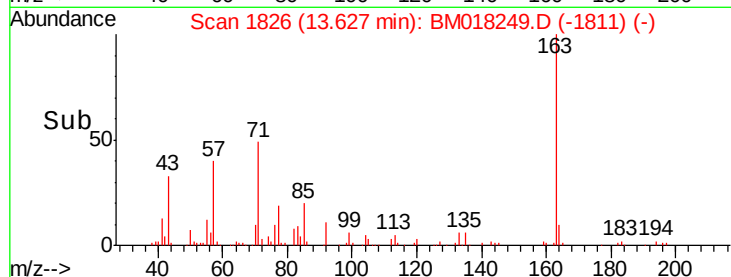
164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

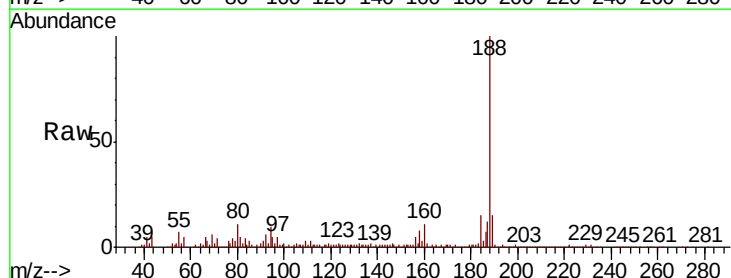
Tgt Ion:188 Resp: 476526

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

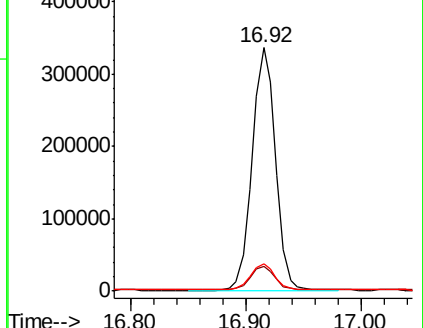
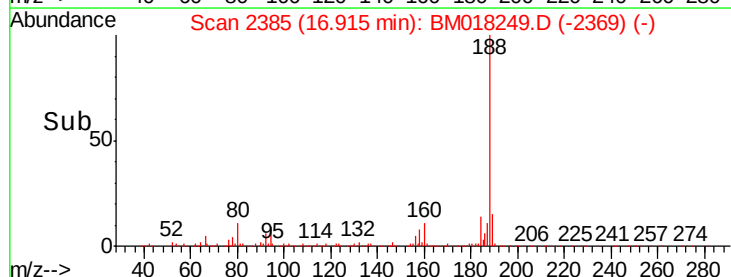
80 11.4 9.0 13.6

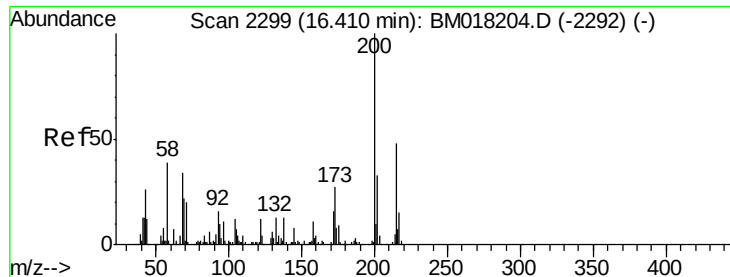


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

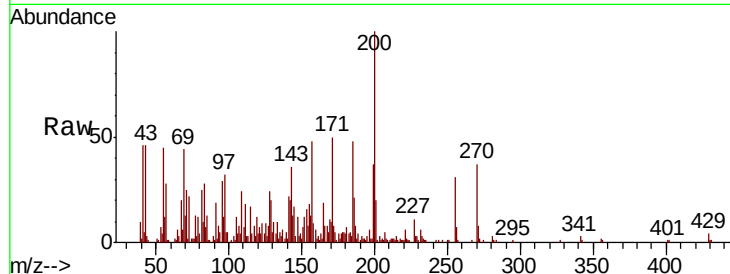




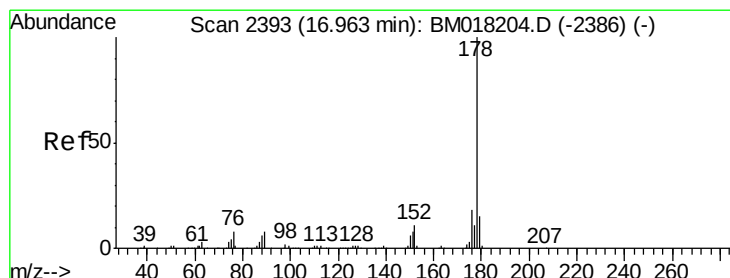
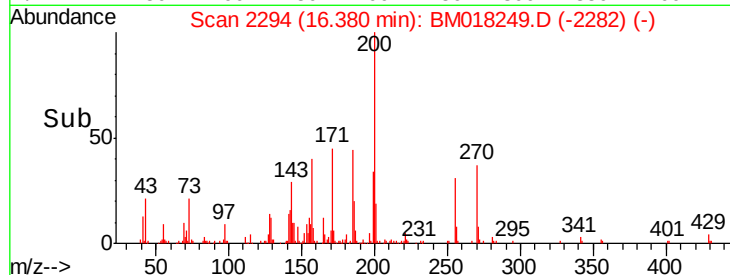
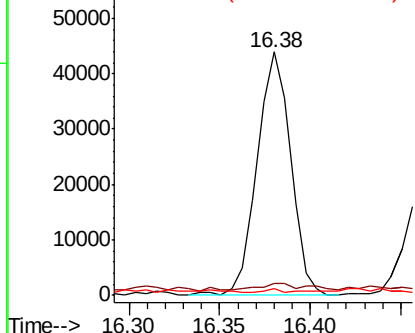
#69
Atrazine
Concen: 10.691 ng
RT: 16.38 min Scan# 2294
Delta R.T. -0.03 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	4.7	6.9	46.9#
215	2.8	27.9	67.9#

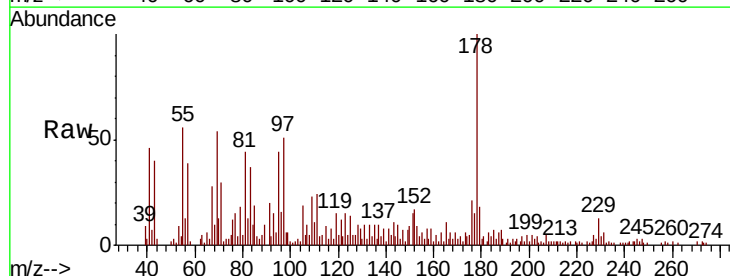


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

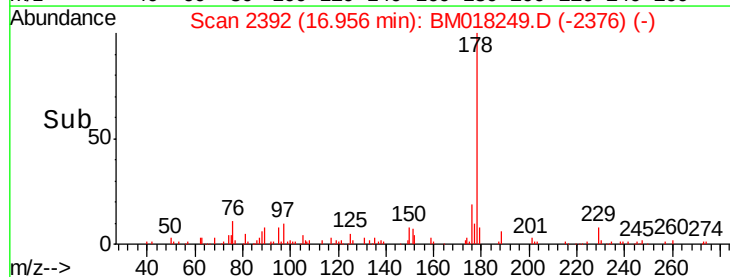
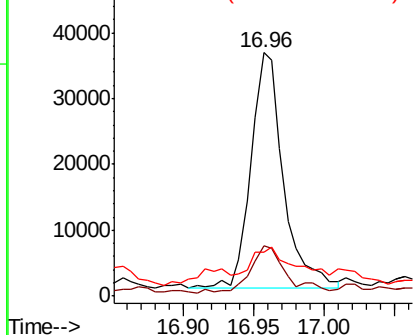


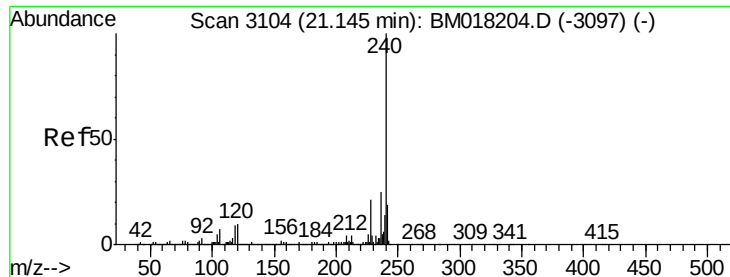
#71
Phenanthrene
Concen: 2.221 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	14.7	22.1
179	17.9	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

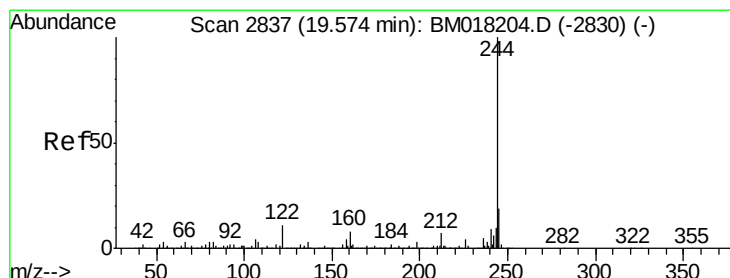
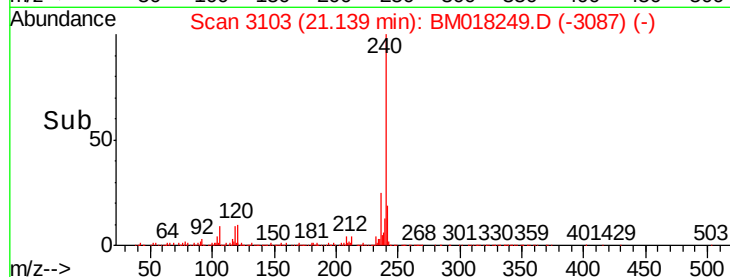
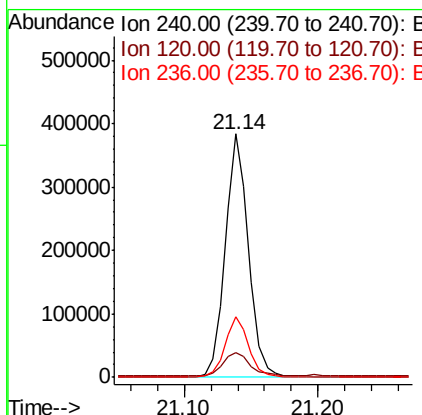
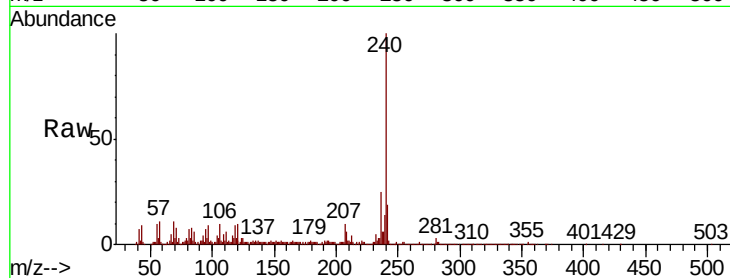




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

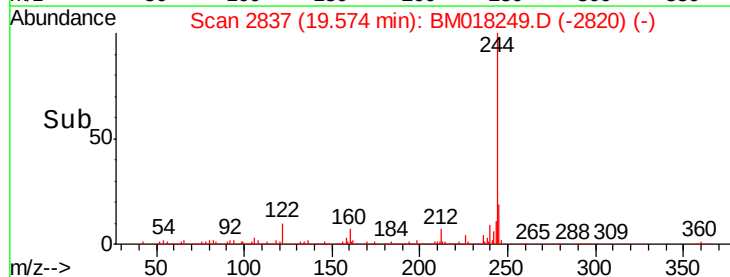
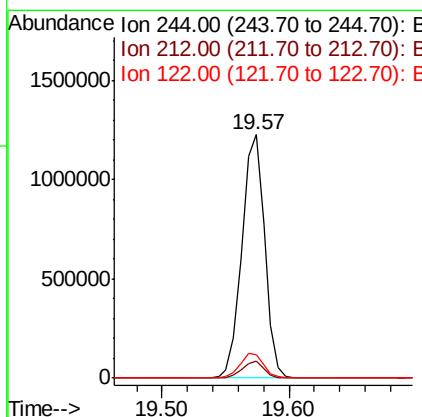
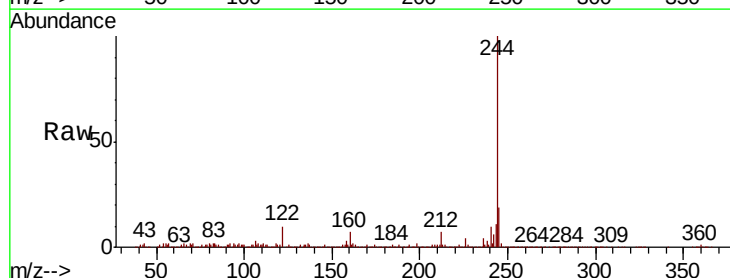
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01

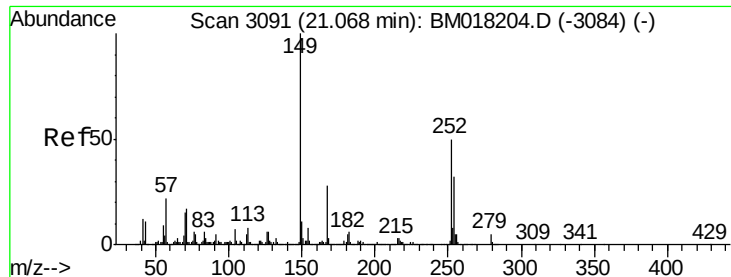
Tgt Ion:240 Resp: 468566
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 73.388 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM018249.D
Acq: 17 Dec 2018 15:13

Tgt Ion:244 Resp: 1520452
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.9 9.0 13.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.207 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01

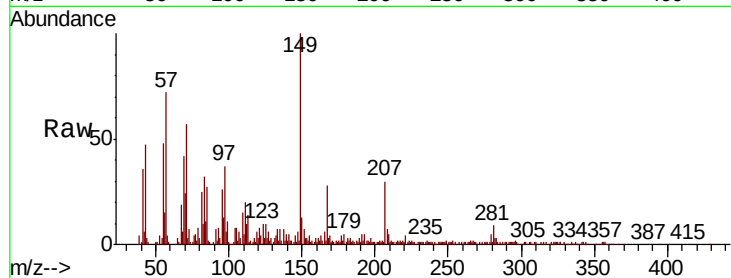
Tgt Ion:149 Resp: 122865

Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

279 5.0 3.9 5.9

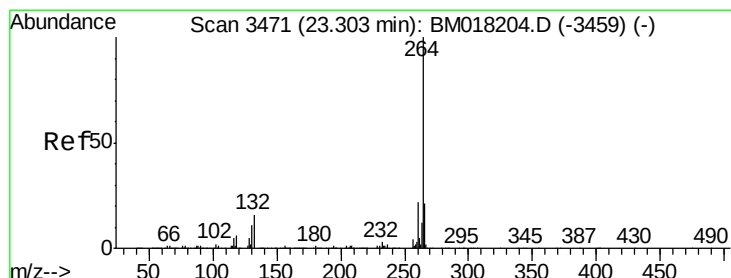
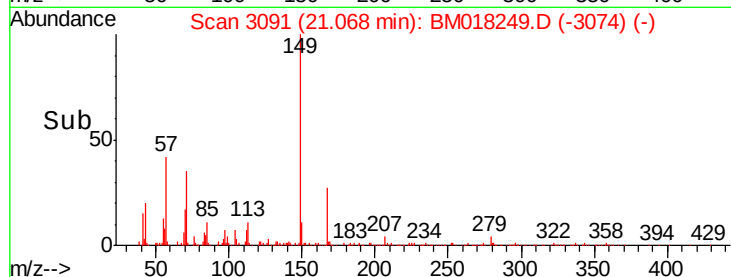
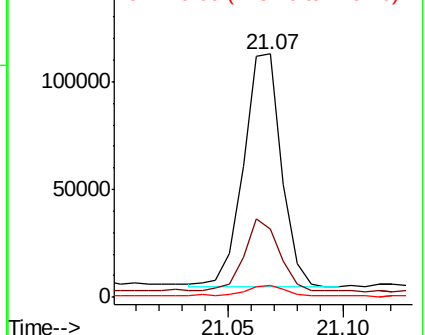


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. -0.00 min

Lab File: BM018249.D

Acq: 17 Dec 2018 15:13

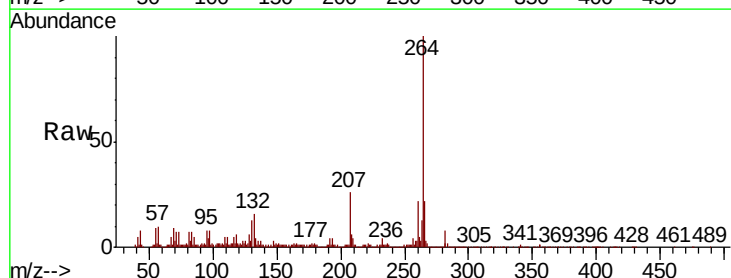
Tgt Ion:264 Resp: 546221

Ion Ratio Lower Upper

264 100

260 22.3 17.5 26.3

265 22.1 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

