

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
 Data File : BM018338.D
 Acq On : 20 Dec 2018 19:57
 Operator : JU/SJ
 Sample : J6389-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS012-0612-01

Quant Time: Dec 21 01:26:31 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

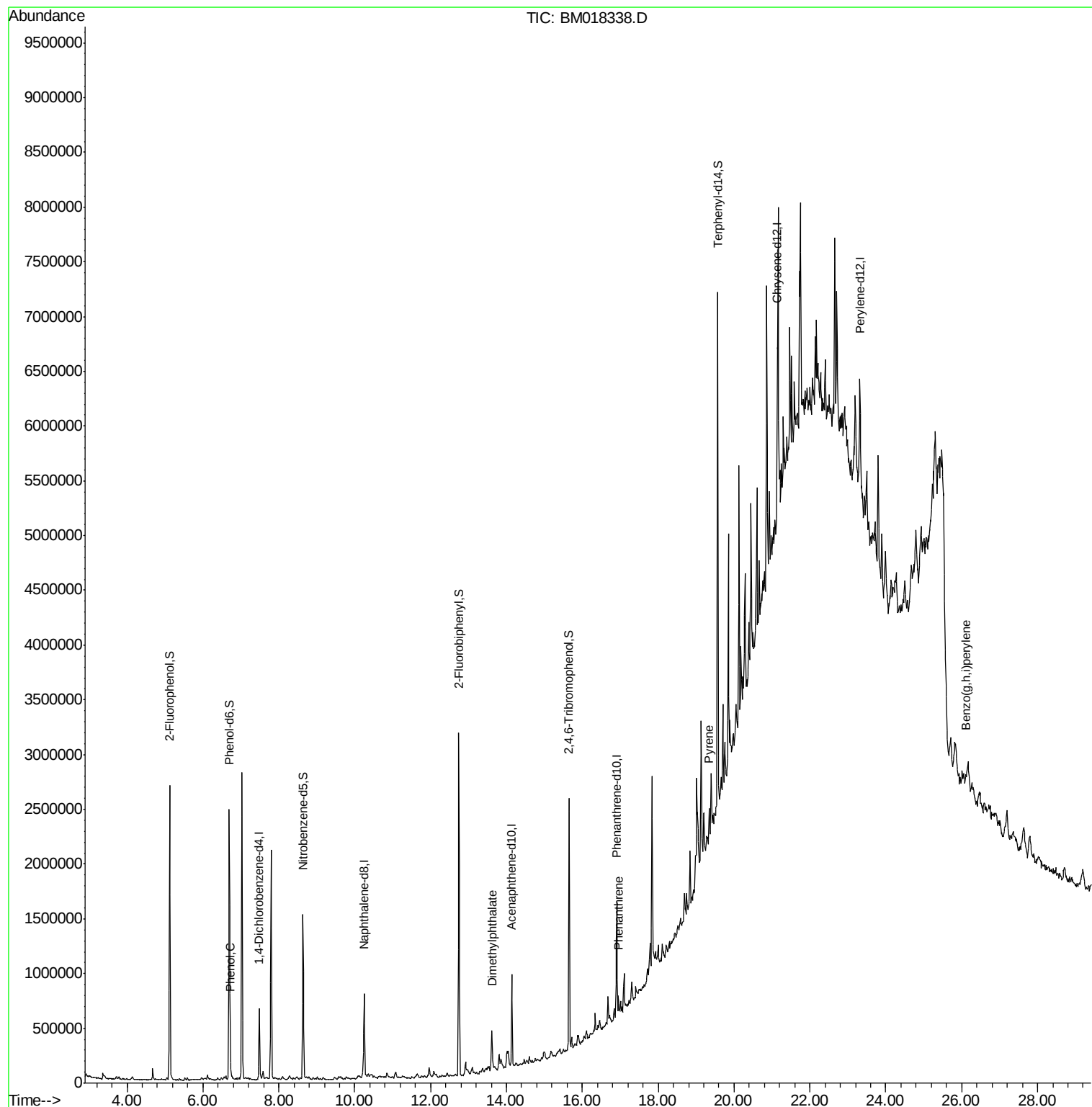
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	158175	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	561977	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	267722	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	550139	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	691843	20.00	ng	0.00
87) Perylene-d12	23.32	264	729513	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1073931	113.42	ng	0.00
7) Phenol-d6	6.69	99	1369444	104.05	ng	-0.01
23) Nitrobenzene-d5	8.64	82	881280	80.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	391838	99.72	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1529116	73.98	ng	-0.02
79) Terphenyl-d14	19.57	244	1976129	64.60	ng	0.00
Target Compounds						
10) Phenol	6.72	94	102555	7.358	ng	94
50) Dimethylphthalate	13.61	163	183002	8.222	ng	# 96
71) Phenanthrene	16.95	178	69231	2.317	ng	# 89
78) Pyrene	19.35	202	91958	2.231	ng	# 86
92) Benzo(g,h,i)perylene	26.12	276	91118	2.670	ng	# 82

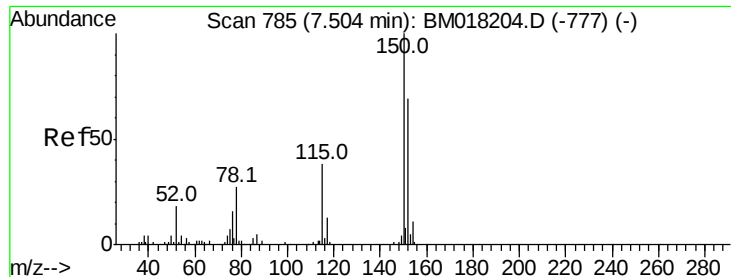
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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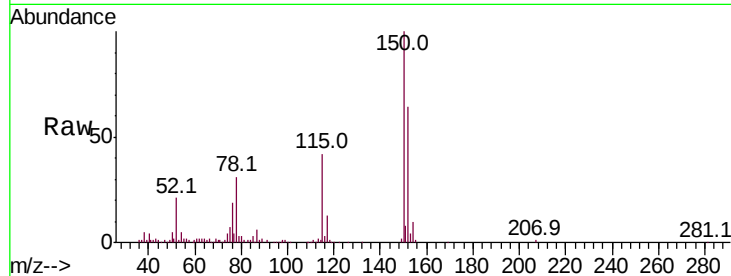


#1

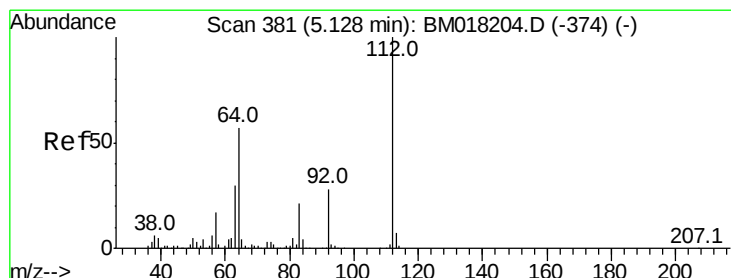
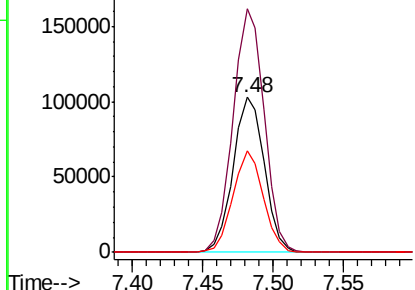
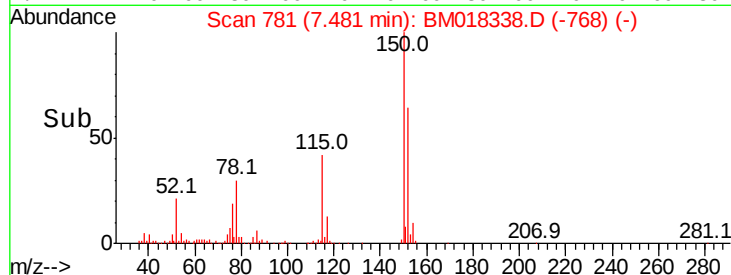
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Instrument :
BNA_M
ClientSampleId :
P001-SS012-0612-01

Tot Ion:152 Resp: 158175
Ion Ratio Lower Upper
152 100
150 157.4 116.1 174.1
115 65.4 44.6 67.0



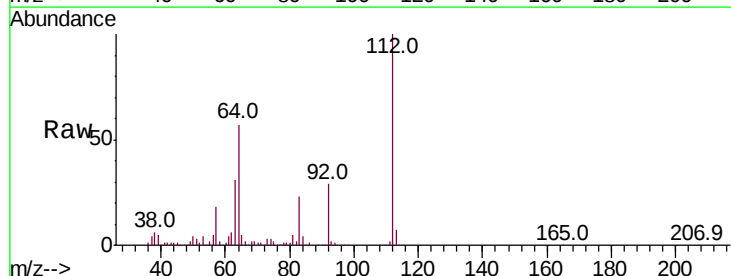
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



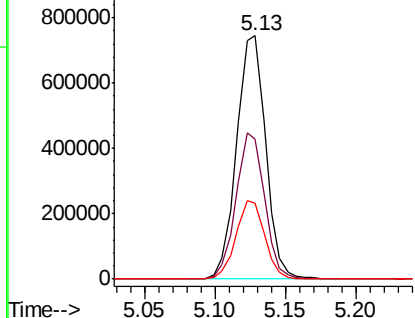
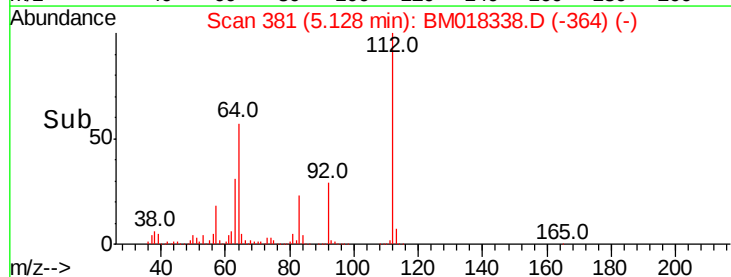
#5

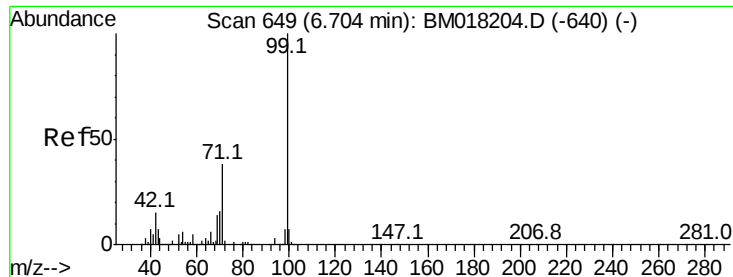
2-Fluorophenol
Concen: 113.418 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Tgt Ion:112 Resp: 1073931
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 31.4 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: 104.054 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0612-01

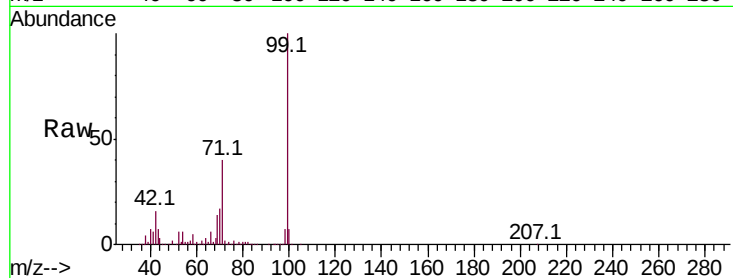
Tot Ion: 99 Resp: 1369444

Ion Ratio Lower Upper

99 100

42 16.4 12.3 18.5

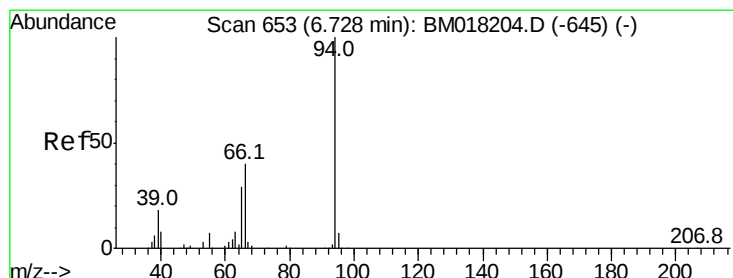
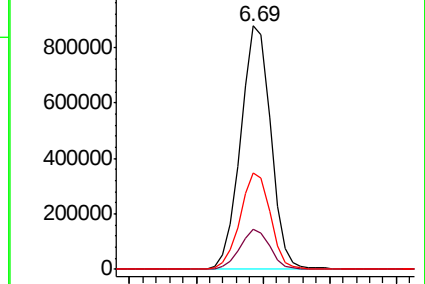
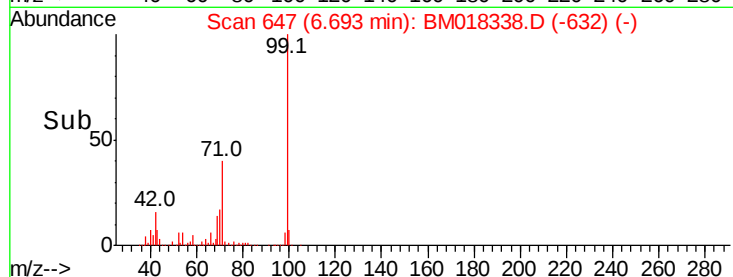
71 39.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018338.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018338.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018338.D (-632) (-)



#10

Phenol

Concen: 7.358 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

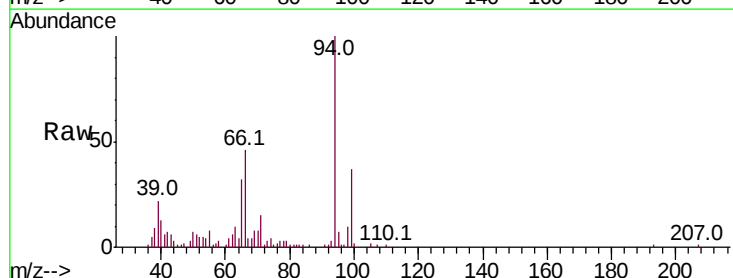
Tgt Ion: 94 Resp: 102555

Ion Ratio Lower Upper

94 100

65 31.7 9.5 49.5

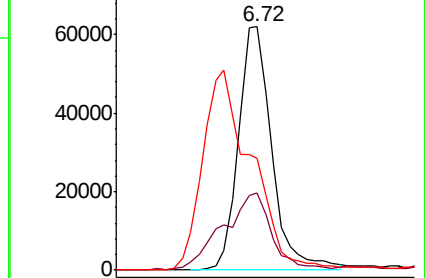
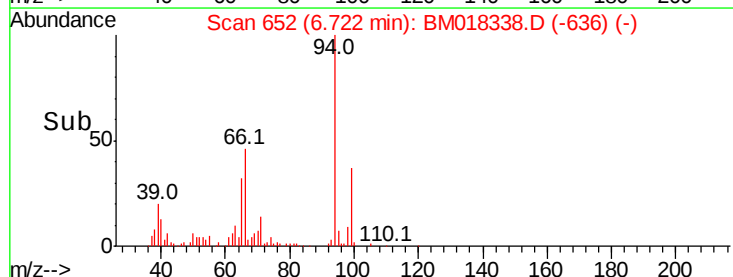
66 46.1 21.3 61.3

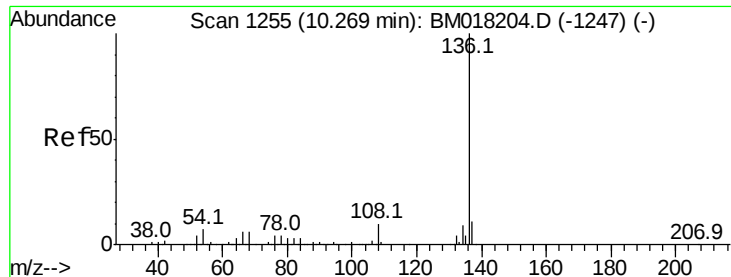


Abundance Ion 94.00 (93.70 to 94.70): BM018338.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018338.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018338.D (-636) (-)

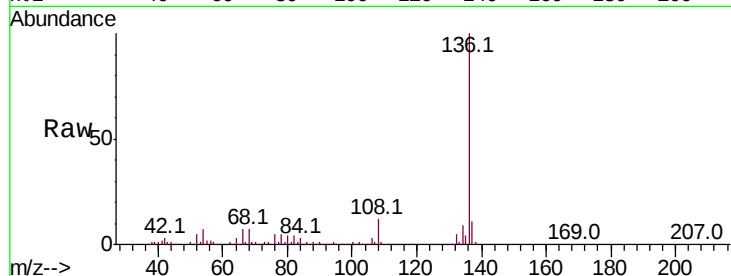




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Instrument :
BNA_M
ClientSampleId :
P001-SS012-0612-01

Tot Ion:136	Resp: 561977
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 6.5	5.2 7.8
68 6.9	5.0 7.6



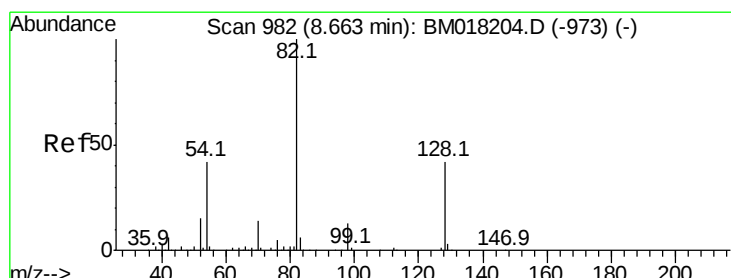
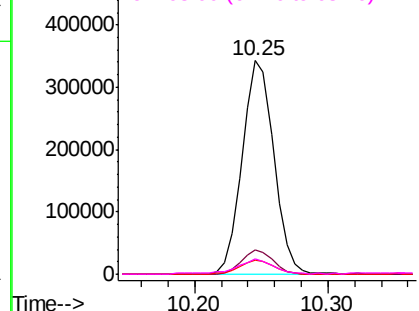
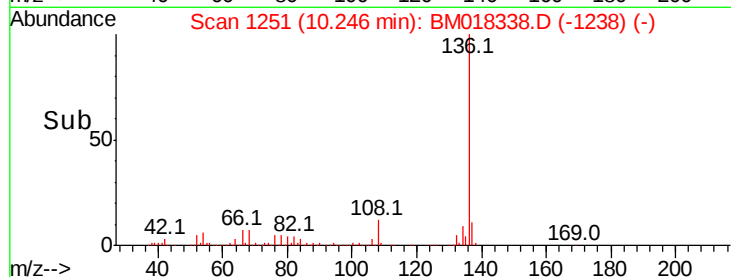
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

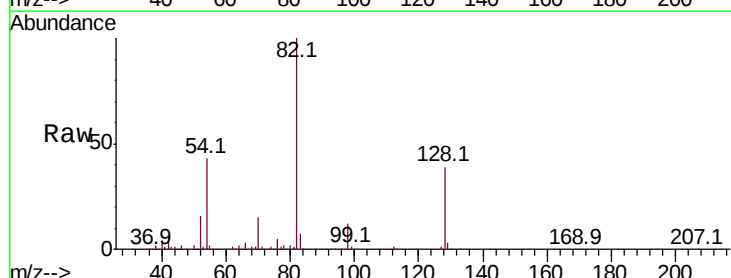
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 80.437 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Tgt Ion	82	Resp: Lower	881280 Upper
	Ratio		
82	100		
128	38.6	33.4	50.2
54	42.7	33.4	50.2

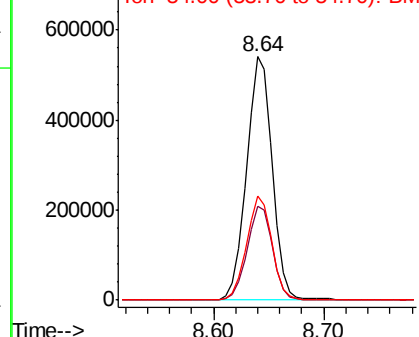
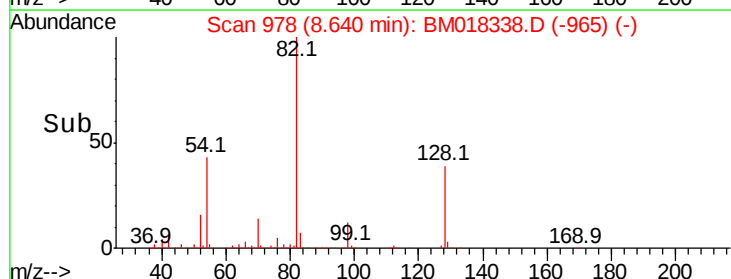


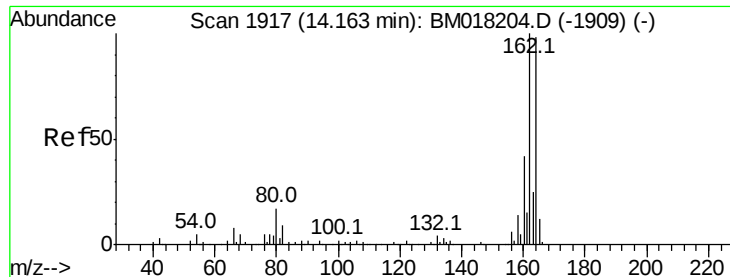
Abundance

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: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0612-01

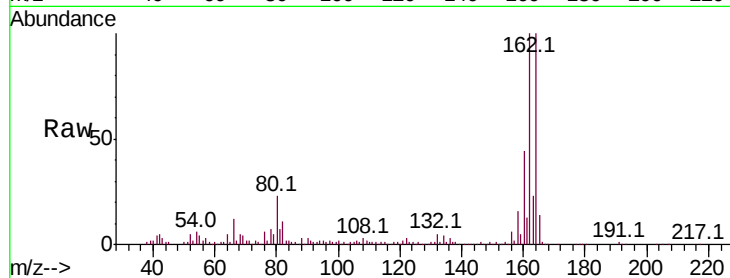
Tot Ion:164 Resp: 267722

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

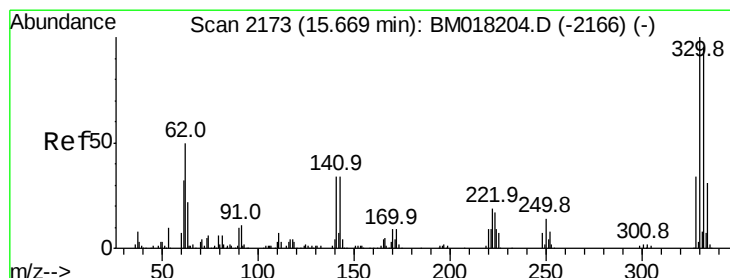
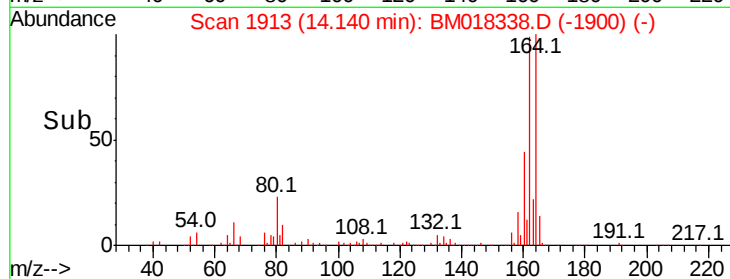
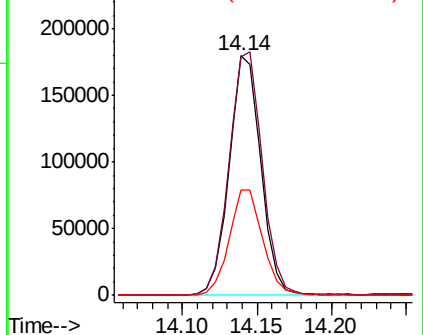
160 44.0 34.6 51.8



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: 99.719 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

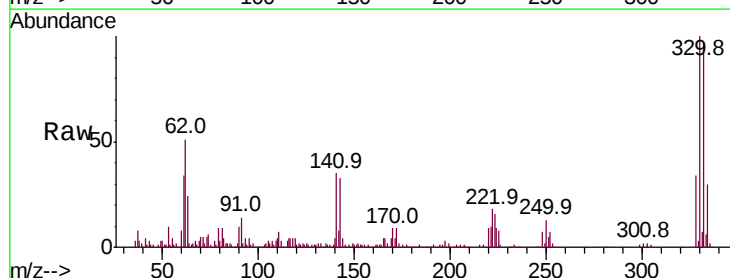
Tgt Ion:330 Resp: 391838

Ion Ratio Lower Upper

330 100

332 97.4 78.6 118.0

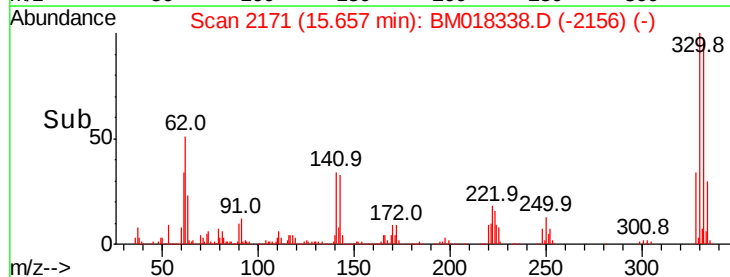
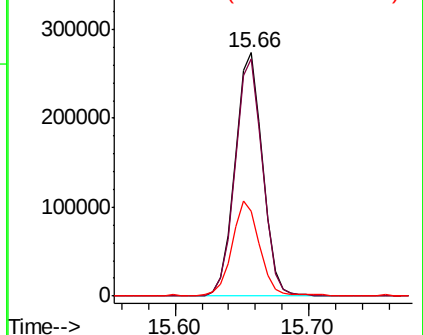
141 37.9 27.1 40.7

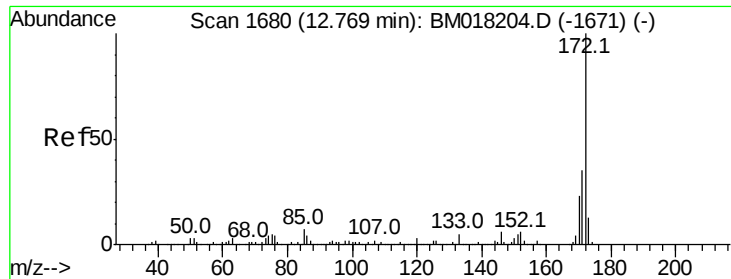


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

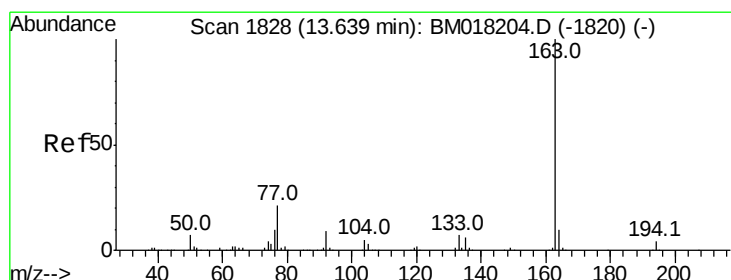
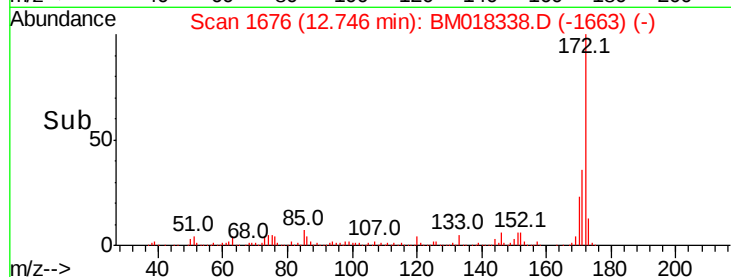
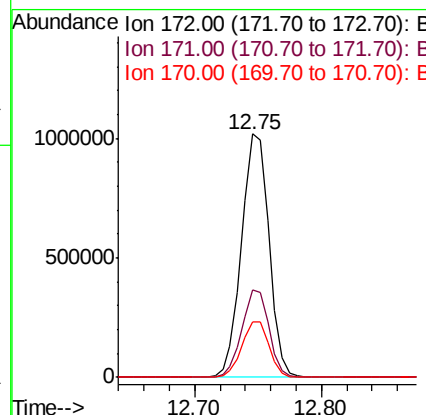
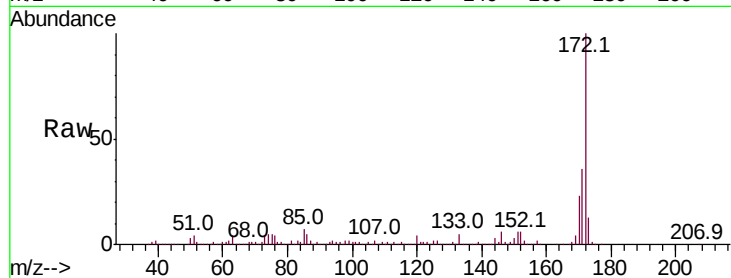




#45
2-Fluorobiphenyl
Concen: 73.978 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

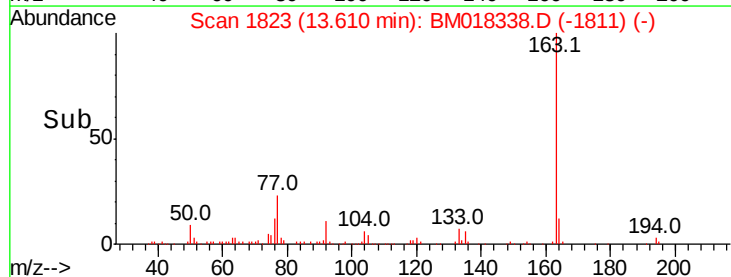
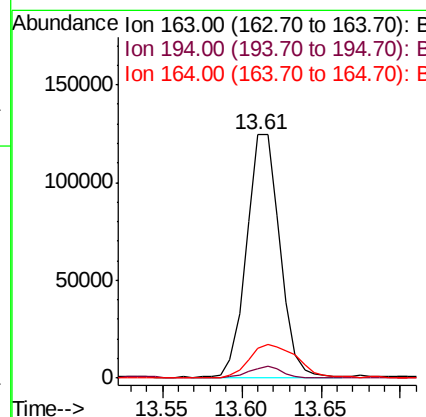
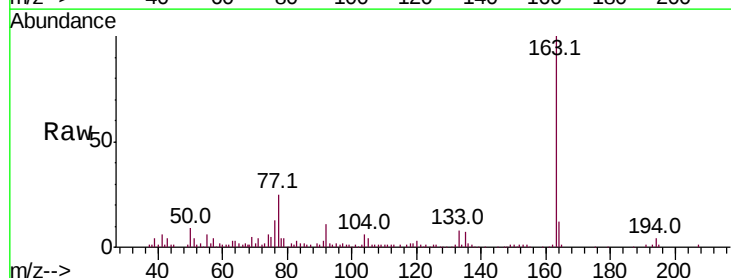
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P001-SS012-0612-01

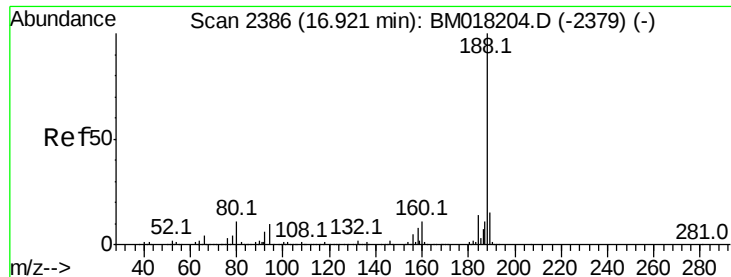
Tot Ion:172 Resp: 1529116
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.0 18.1 27.1



#50
Dimethylphthalate
Concen: 8.222 ng
RT: 13.61 min Scan# 1823
Delta R.T. -0.03 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Tgt Ion:163 Resp: 183002
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 12.1 7.9 11.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0612-01

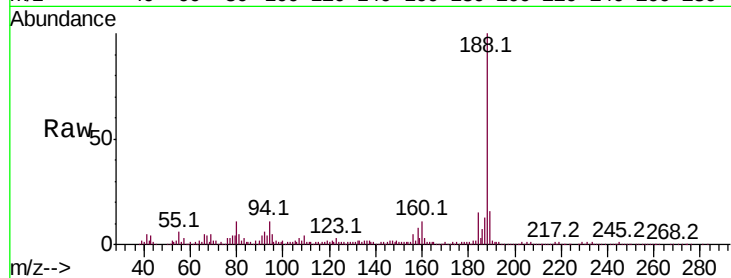
Tot Ion:188 Resp: 550139

Ion Ratio Lower Upper

188 100

94 10.6 8.0 12.0

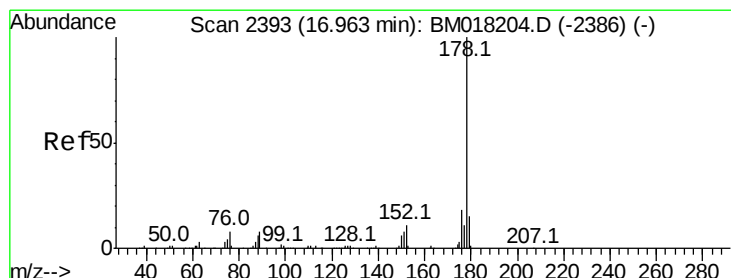
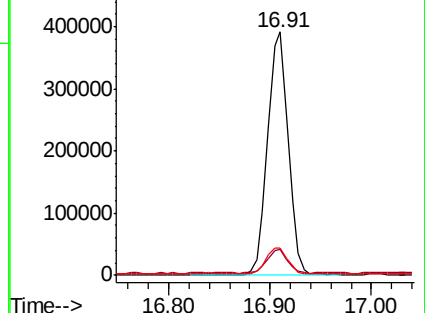
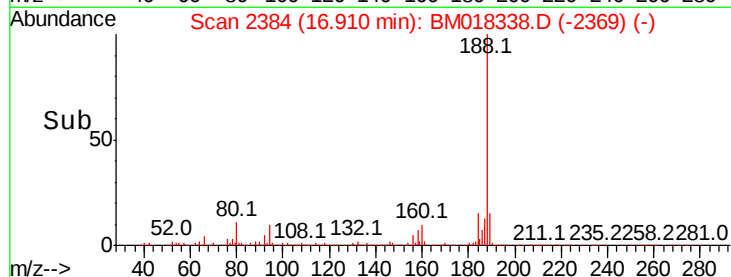
80 11.3 9.0 13.6



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



#71

Phenanthrene

Concen: 2.317 ng

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

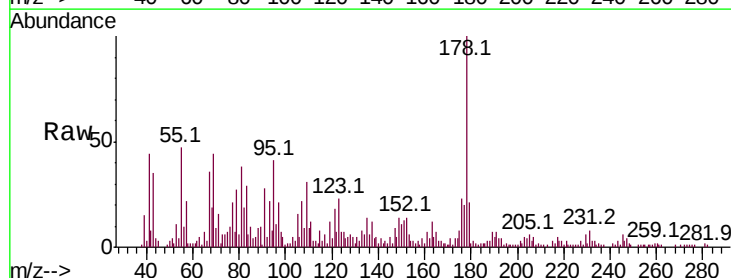
Tgt Ion:178 Resp: 69231

Ion Ratio Lower Upper

178 100

176 22.6 14.7 22.1#

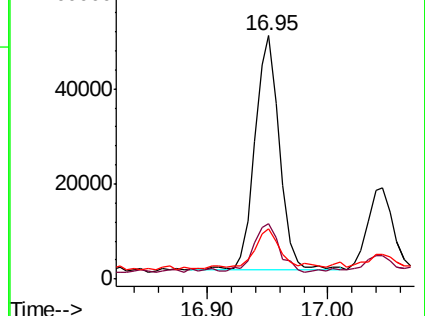
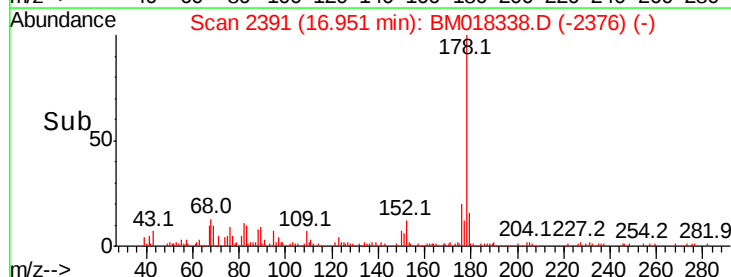
179 20.6 12.0 18.0#

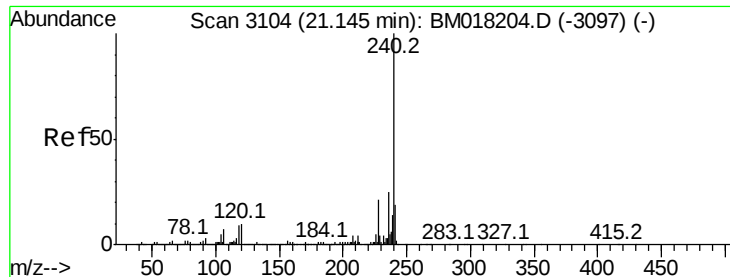


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

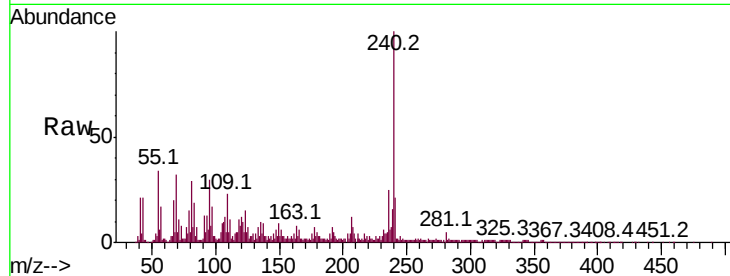




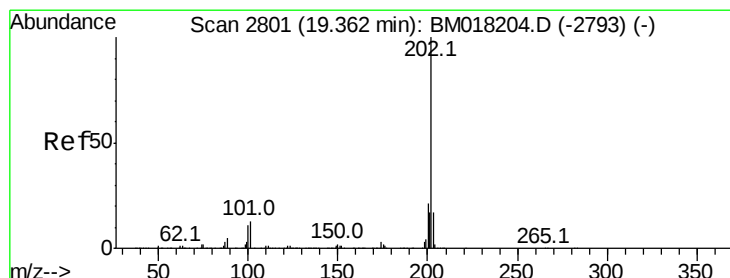
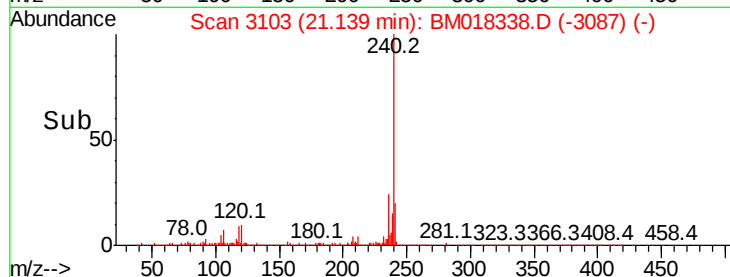
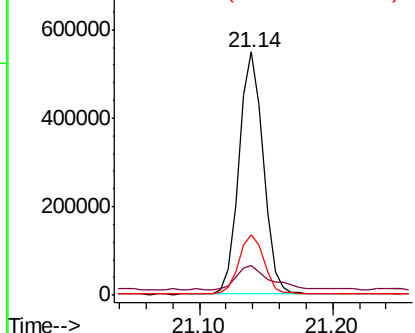
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Instrument :
BNA_M
ClientSampleId :
P001-SS012-0612-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.2	12.2#
236	25.0	20.3	30.5

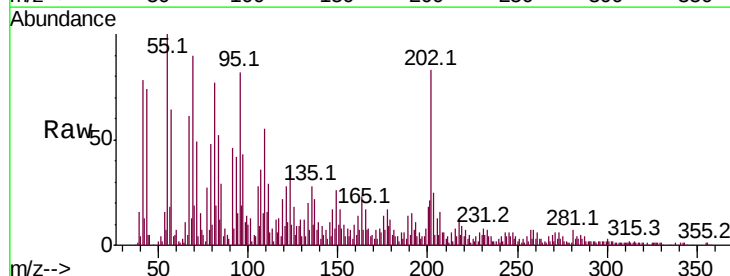


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

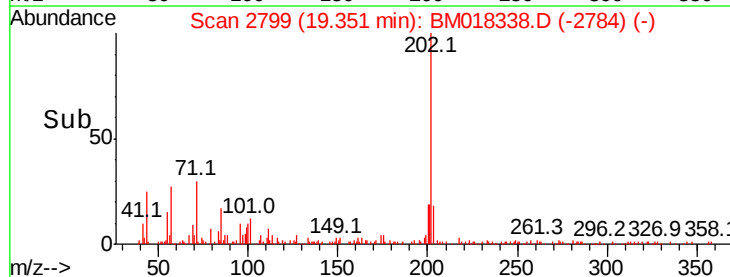
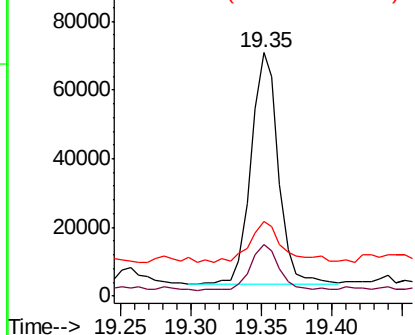


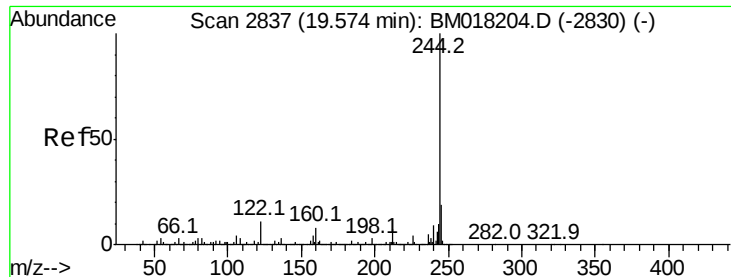
#78
Pyrene
Concen: 2.231 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018338.D
Acq: 20 Dec 2018 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.5	24.7
203	30.7	14.0	21.0#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.600 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0612-01

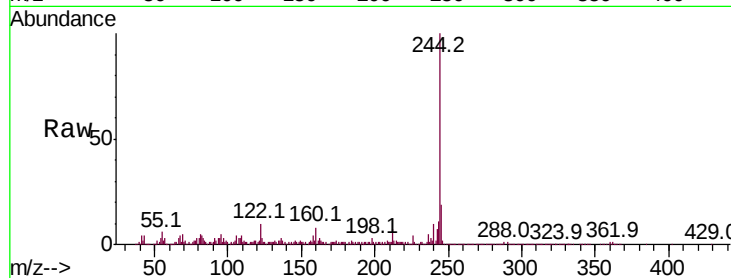
Tot Ion:244 Resp: 1976129

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

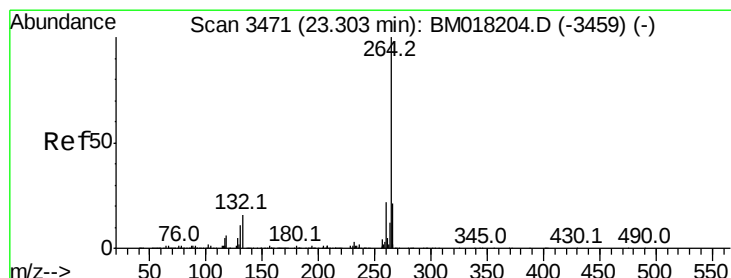
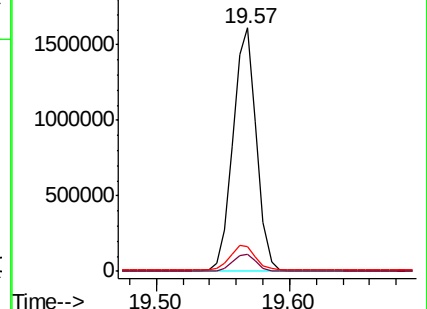
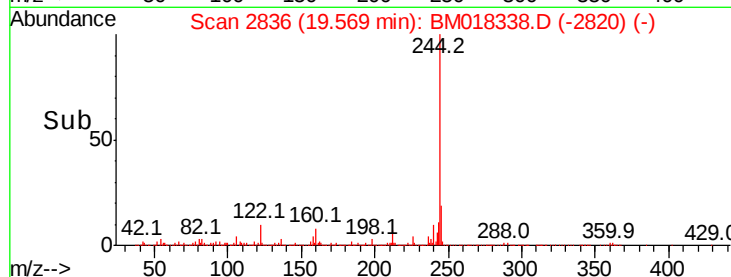
122 10.3 9.0 13.6



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: 23.32 min Scan# 3473

Delta R.T. 0.01 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

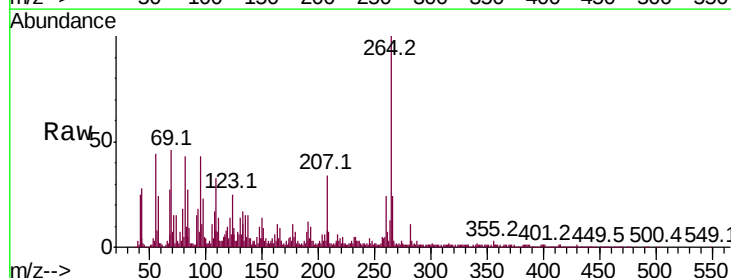
Tgt Ion:264 Resp: 729513

Ion Ratio Lower Upper

264 100

260 24.1 17.5 26.3

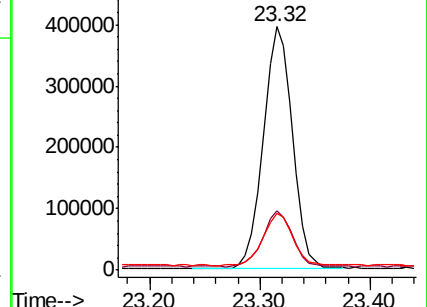
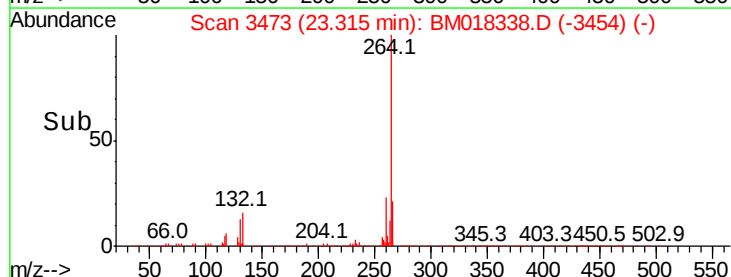
265 23.6 17.3 25.9

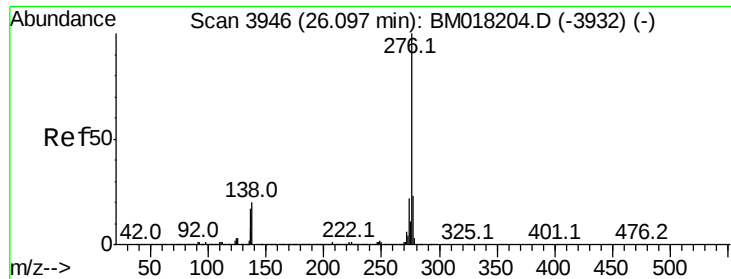


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.670 ng

RT: 26.12 min Scan# 3949

Delta R.T. 0.02 min

Lab File: BM018338.D

Acq: 20 Dec 2018 19:57

Instrument :

BNA_M

ClientSampleId :

P001-SS012-0612-01

Tot Ion:276 Resp: 91118

Ion Ratio Lower Upper

276 100

277 27.7 18.7 28.1

138 32.8 15.8 23.8#

