

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018226.D
 Acq On : 16 Dec 2018 14:50
 Operator : JU/SJ
 Sample : J6426-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-RB-181213

Quant Time: Dec 17 03:54:48 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	121390	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	458658	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	247701	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	496028	20.00	ng	0.00
76) Chrysene-d12	21.14	240	455349	20.00	ng	0.00
87) Perylene-d12	23.30	264	461643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	455327	62.66	ng	0.00
7) Phenol-d6	6.69	99	351375	34.79	ng	-0.01
23) Nitrobenzene-d5	8.66	82	907779	101.52	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	480218	132.09	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1945426	101.73	ng	0.00
79) Terphenyl-d14	19.57	244	2329142	115.68	ng	0.00

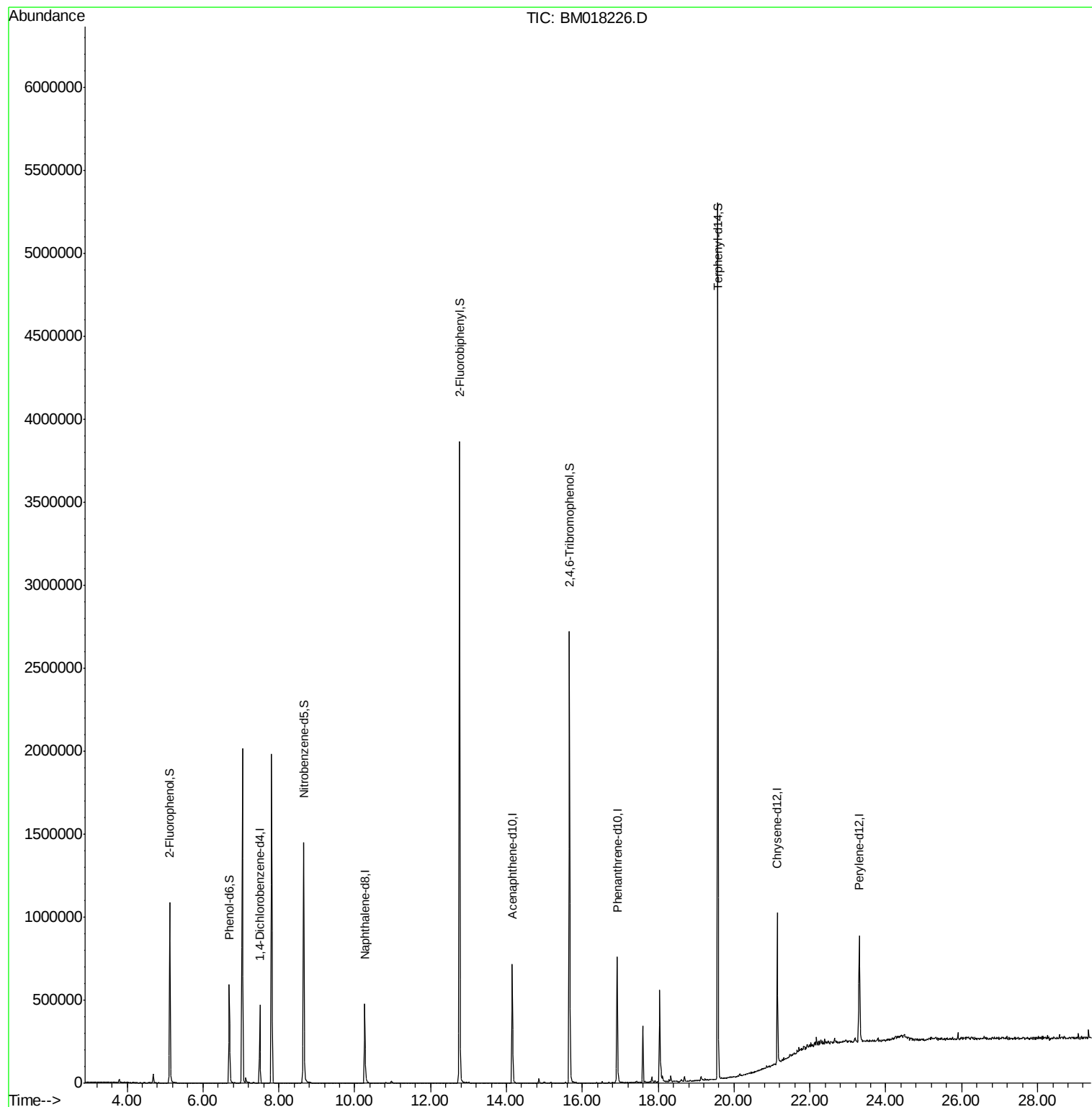
Target Compounds	Qvalue
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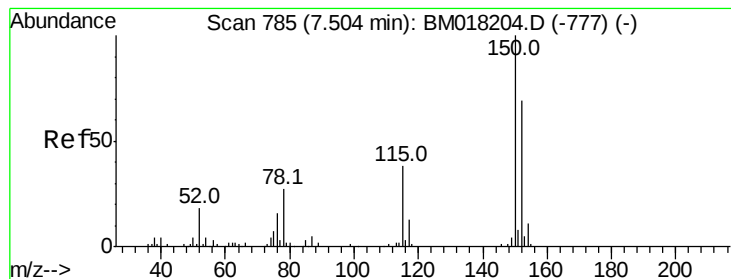
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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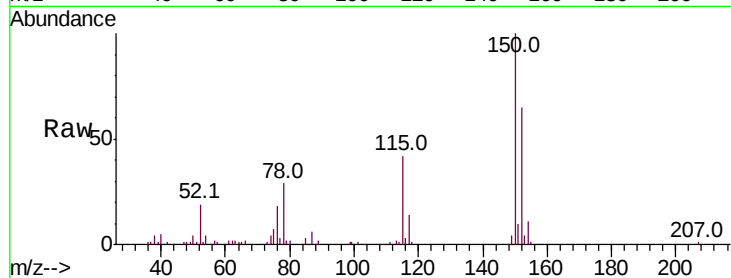


#1

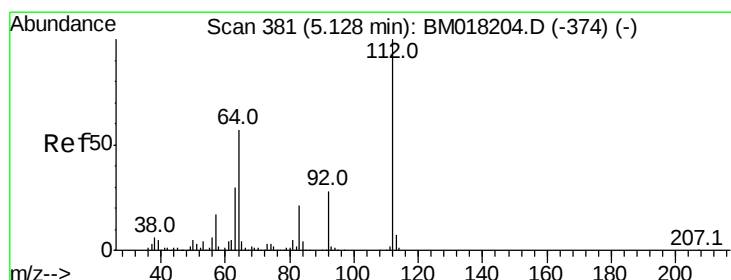
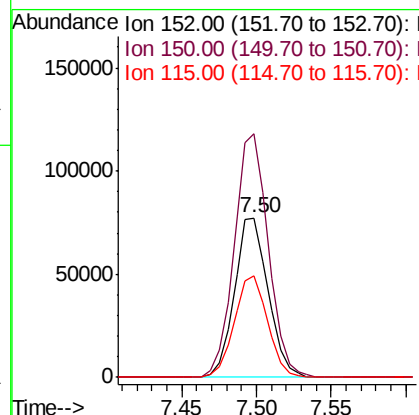
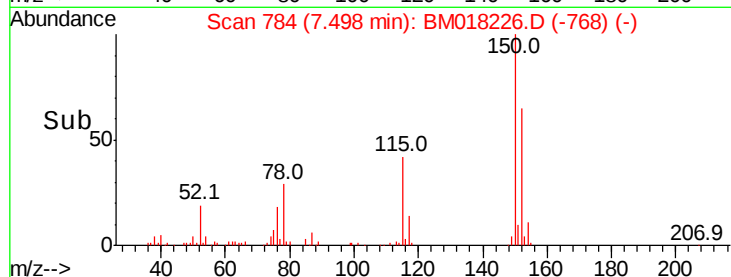
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018226.D
Acq: 16 Dec 2018 14:50

Instrument :
BNA_M
ClientSampleId :
P001-RB-181213

Tot Ion:152 Resp: 121390
Ion Ratio Lower Upper
152 100
150 152.8 116.1 174.1
115 63.6 44.6 67.0



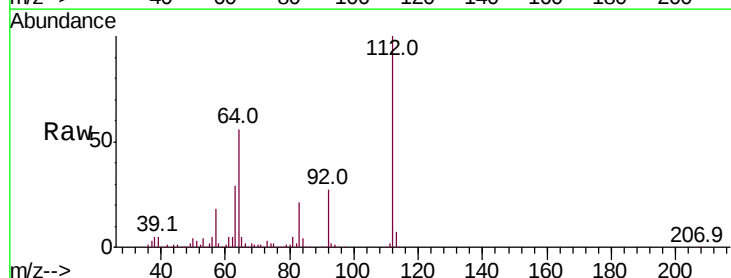
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



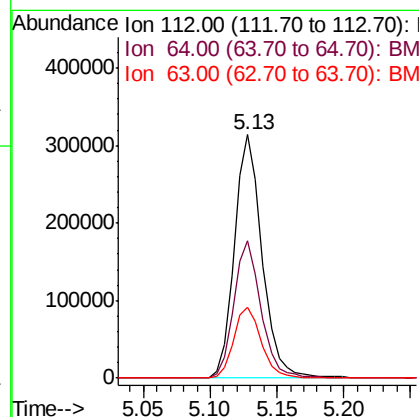
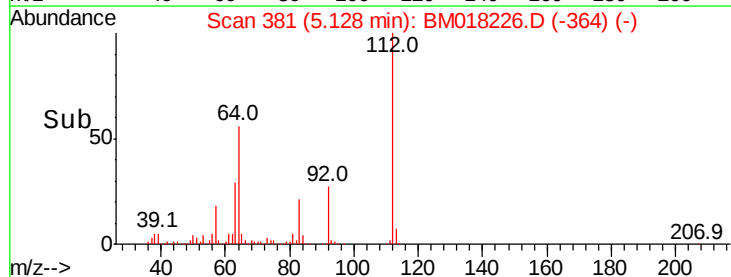
#5

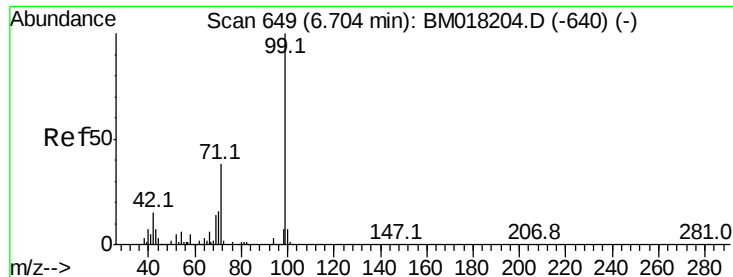
2-Fluorophenol
Concen: 62.659 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018226.D
Acq: 16 Dec 2018 14:50

Tgt Ion:112 Resp: 455327
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.2
63 29.0 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: 34.789 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018226.D

Acq: 16 Dec 2018 14:50

Instrument :

BNA_M

ClientSampleId :

P001-RB-181213

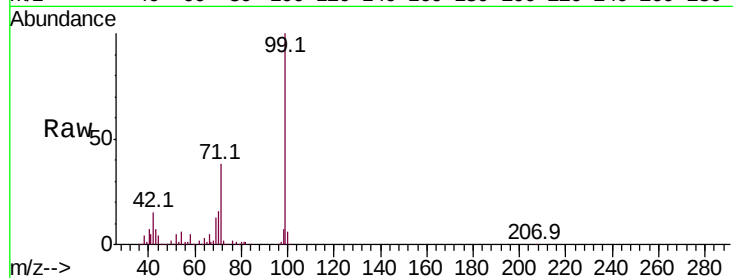
Tot Ion: 99 Resp: 351375

Ion Ratio Lower Upper

99 100

42 15.4 12.3 18.5

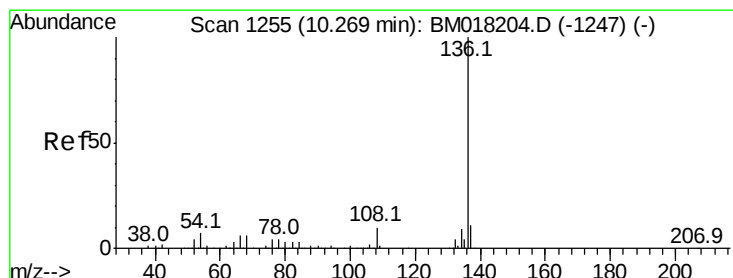
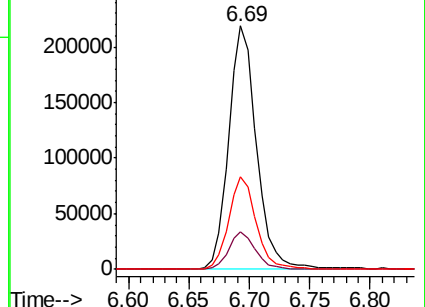
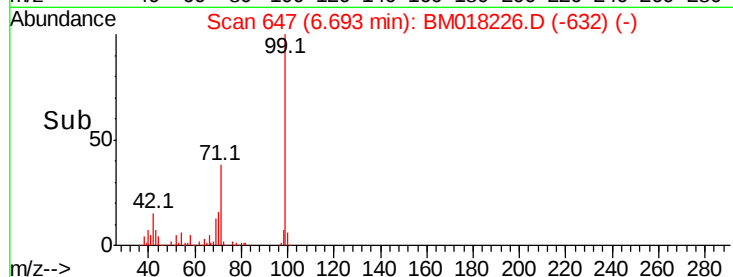
71 38.3 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018226.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018226.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018226.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018226.D

Acq: 16 Dec 2018 14:50

Tgt Ion: 136 Resp: 458658

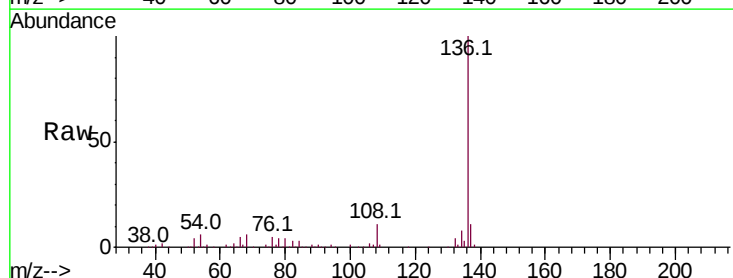
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.5 5.2 7.8

68 6.2 5.0 7.6

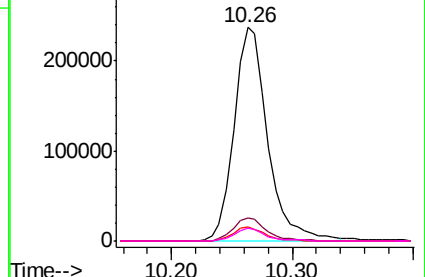
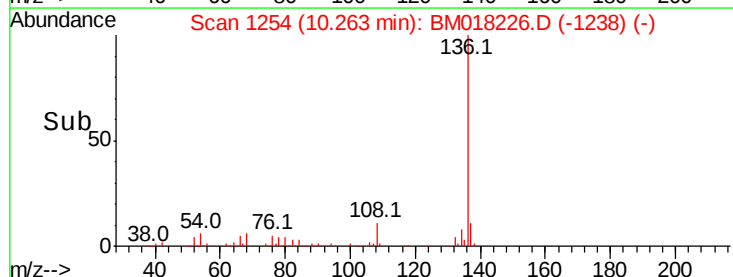


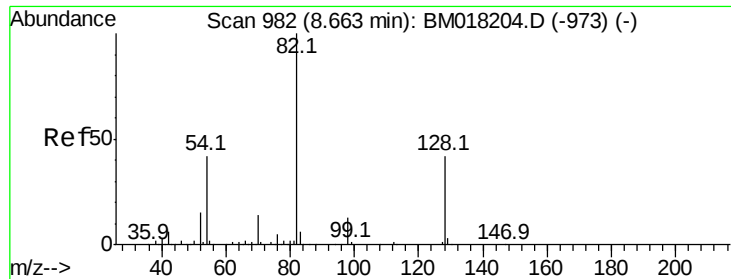
Abundance Ion 136.00 (135.70 to 136.70): BM018226.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM018226.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018226.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018226.D (-1238) (-)

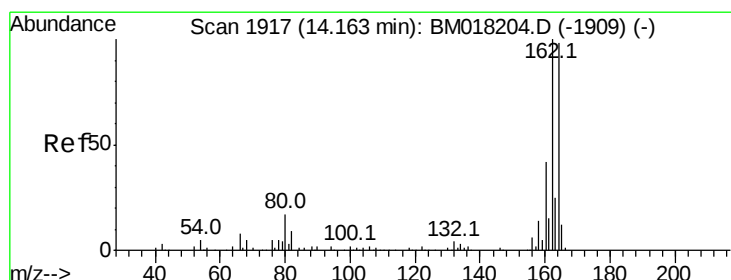
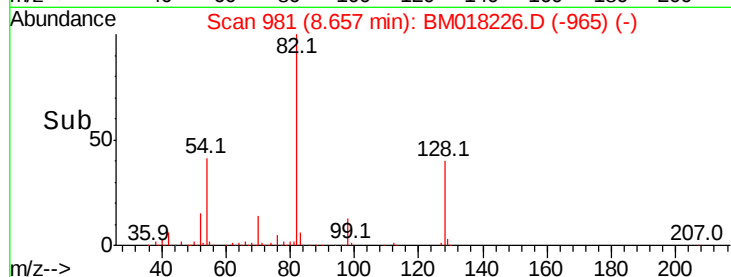
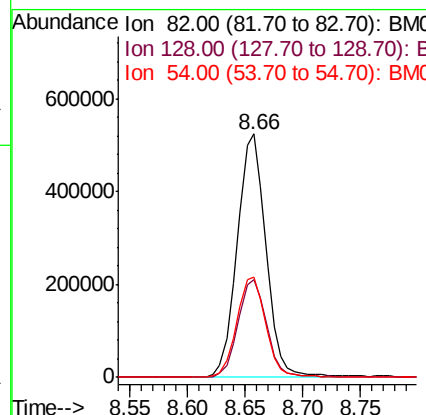
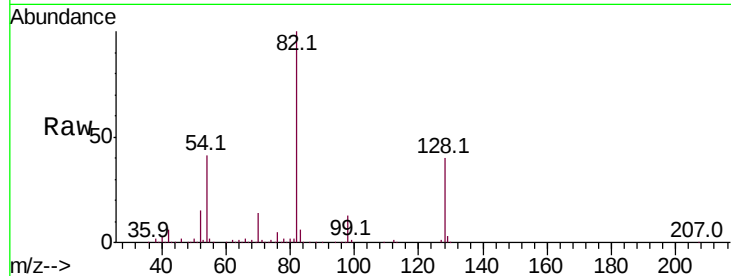




#23
Nitrobenzene-d5
Concen: 101.521 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018226.D
Acq: 16 Dec 2018 14:50

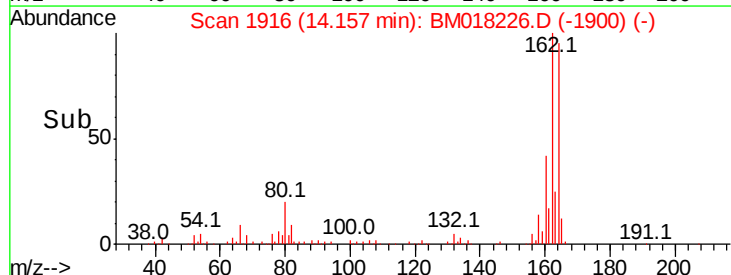
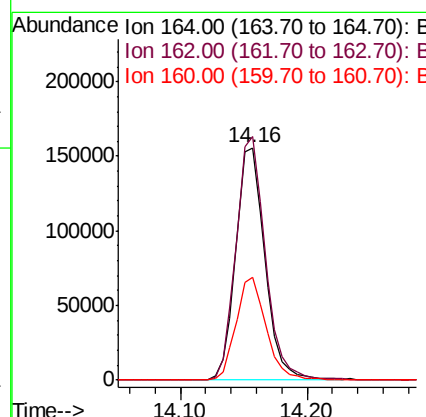
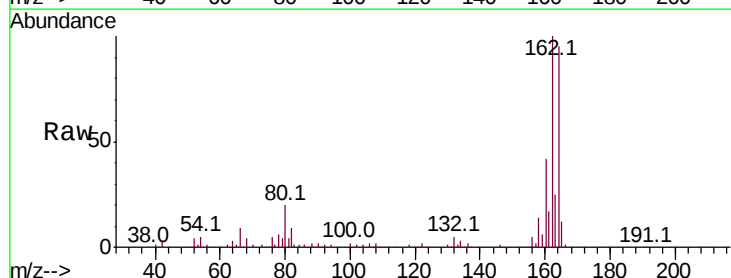
Instrument :
BNA_M
ClientSampleId :
P001-RB-181213

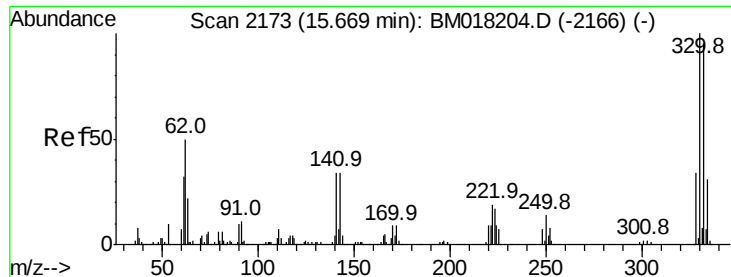
Tot Ion: 82 Resp: 907779
Ion Ratio Lower Upper
82 100
128 40.1 33.4 50.2
54 41.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018226.D
Acq: 16 Dec 2018 14:50

Tgt Ion:164 Resp: 247701
Ion Ratio Lower Upper
164 100
162 104.8 81.8 122.6
160 44.3 34.6 51.8

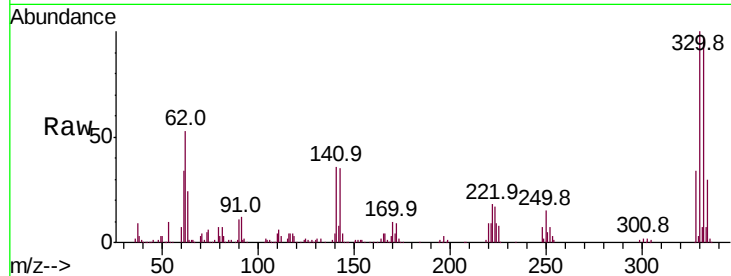




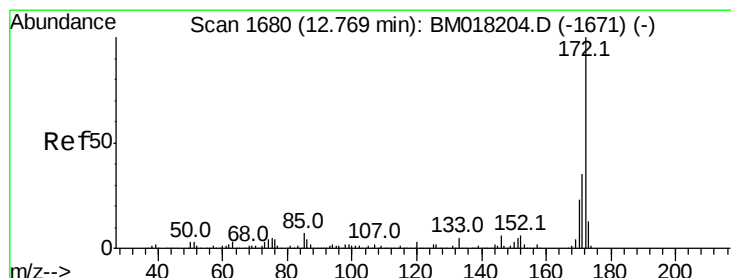
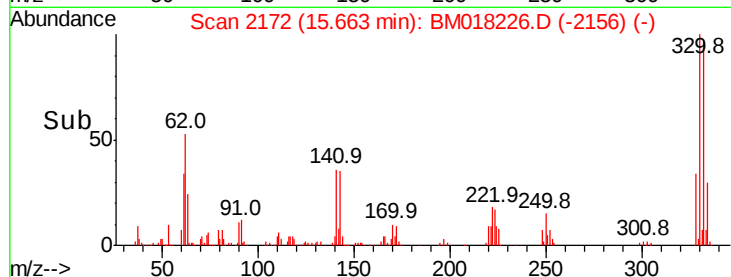
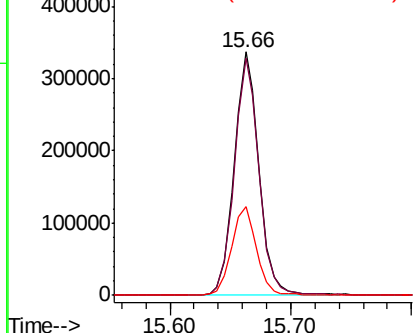
#42
 2,4,6-Tribromophenol
 Concen: 132.089 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018226.D
 Acq: 16 Dec 2018 14:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-RB-181213

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.6	118.0
141	36.8	27.1	40.7

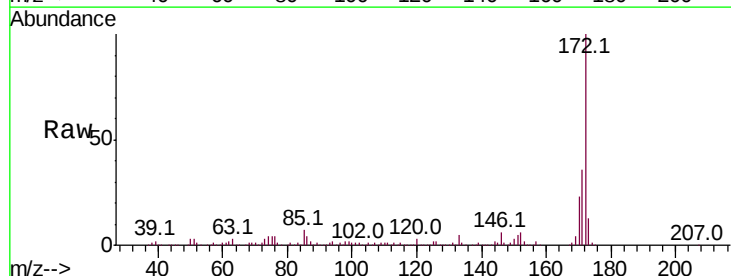


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

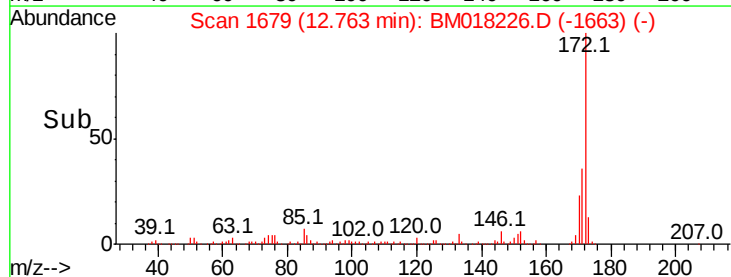
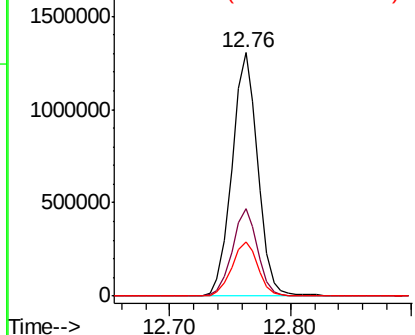


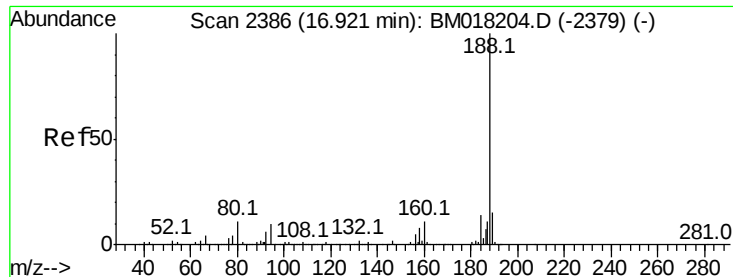
#45
 2-Fluorobiphenyl
 Concen: 101.727 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018226.D
 Acq: 16 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	22.5	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM018226.D

Acq: 16 Dec 2018 14:50

Instrument :

BNA_M

ClientSampleId :

P001-RB-181213

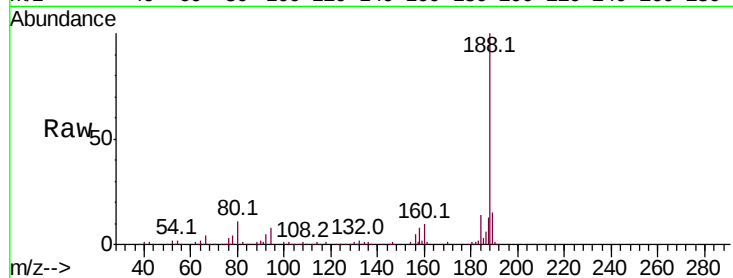
Tot Ion:188 Resp: 496028

Ion Ratio Lower Upper

188 100

94 7.6 8.0 12.0#

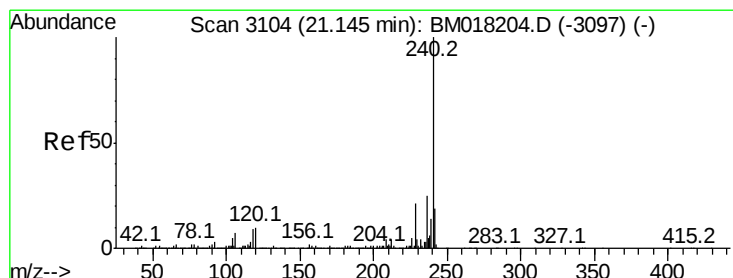
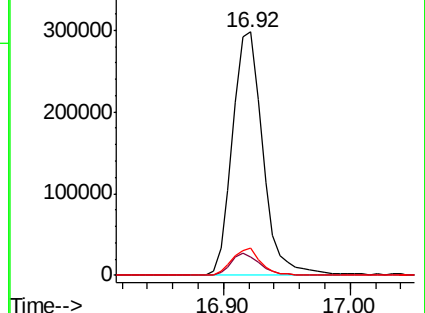
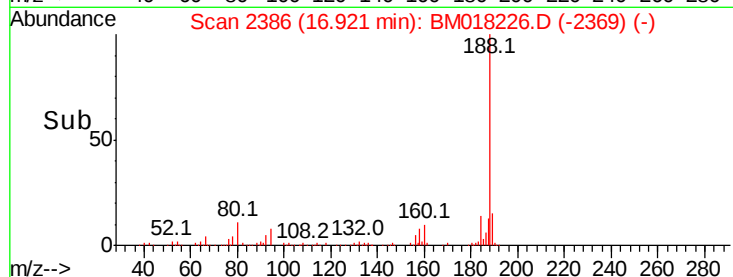
80 11.2 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018226.D

Acq: 16 Dec 2018 14:50

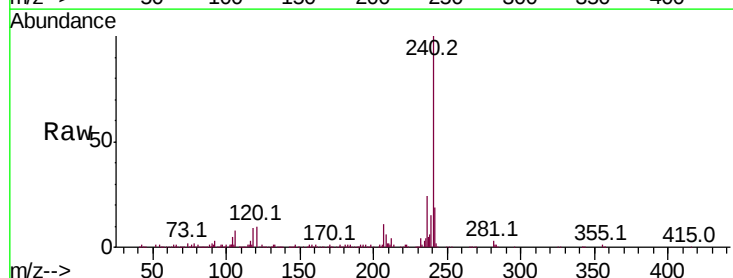
Tgt Ion:240 Resp: 455349

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

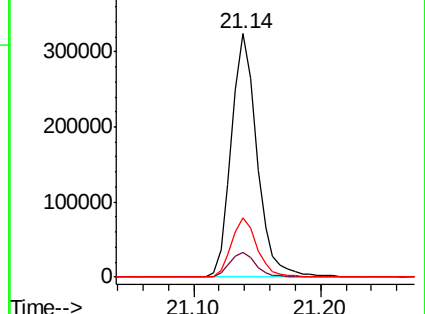
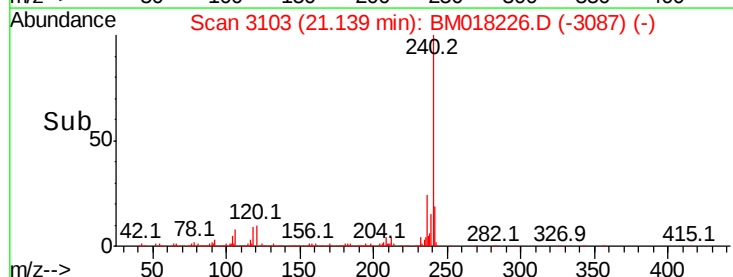
236 24.3 20.3 30.5

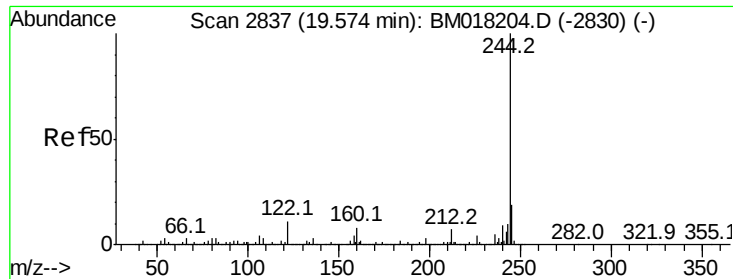


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.685 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BM018226.D

Acq: 16 Dec 2018 14:50

Instrument :

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ClientSampleId :

P001-RB-181213

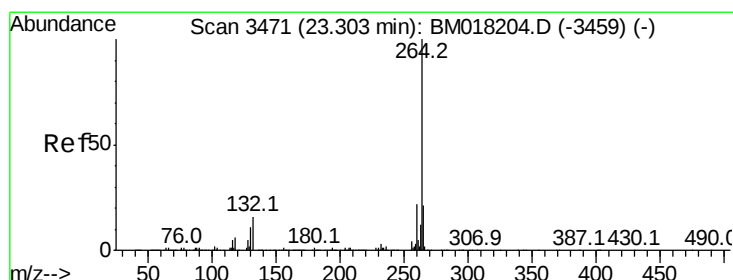
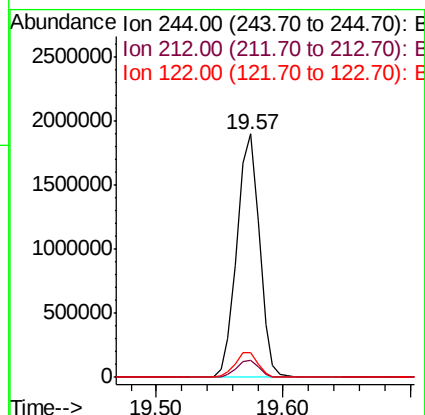
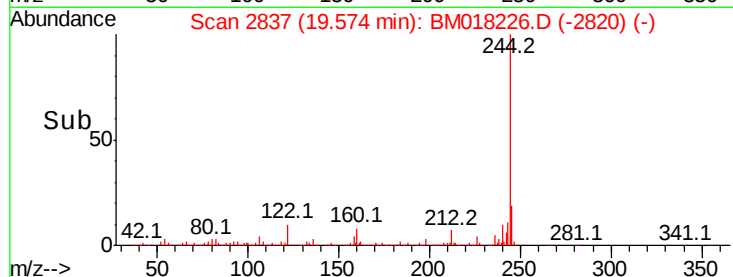
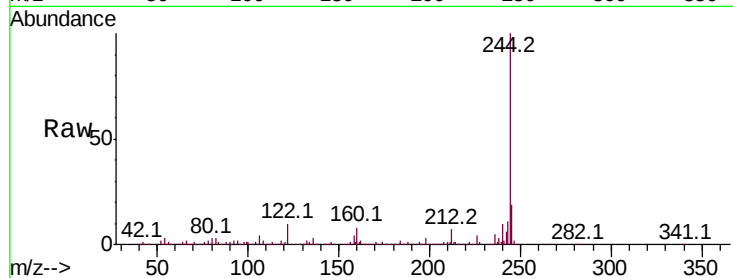
Tot Ion:244 Resp: 2329142

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.0 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: BM018226.D

Acq: 16 Dec 2018 14:50

Tgt Ion:264 Resp: 461643

Ion Ratio Lower Upper

264 100

260 21.3 17.5 26.3

265 21.2 17.3 25.9

