

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018604.D
 Acq On : 17 Jan 2019 04:59
 Operator : JU/SJ
 Sample : K1147-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Jan 17 05:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

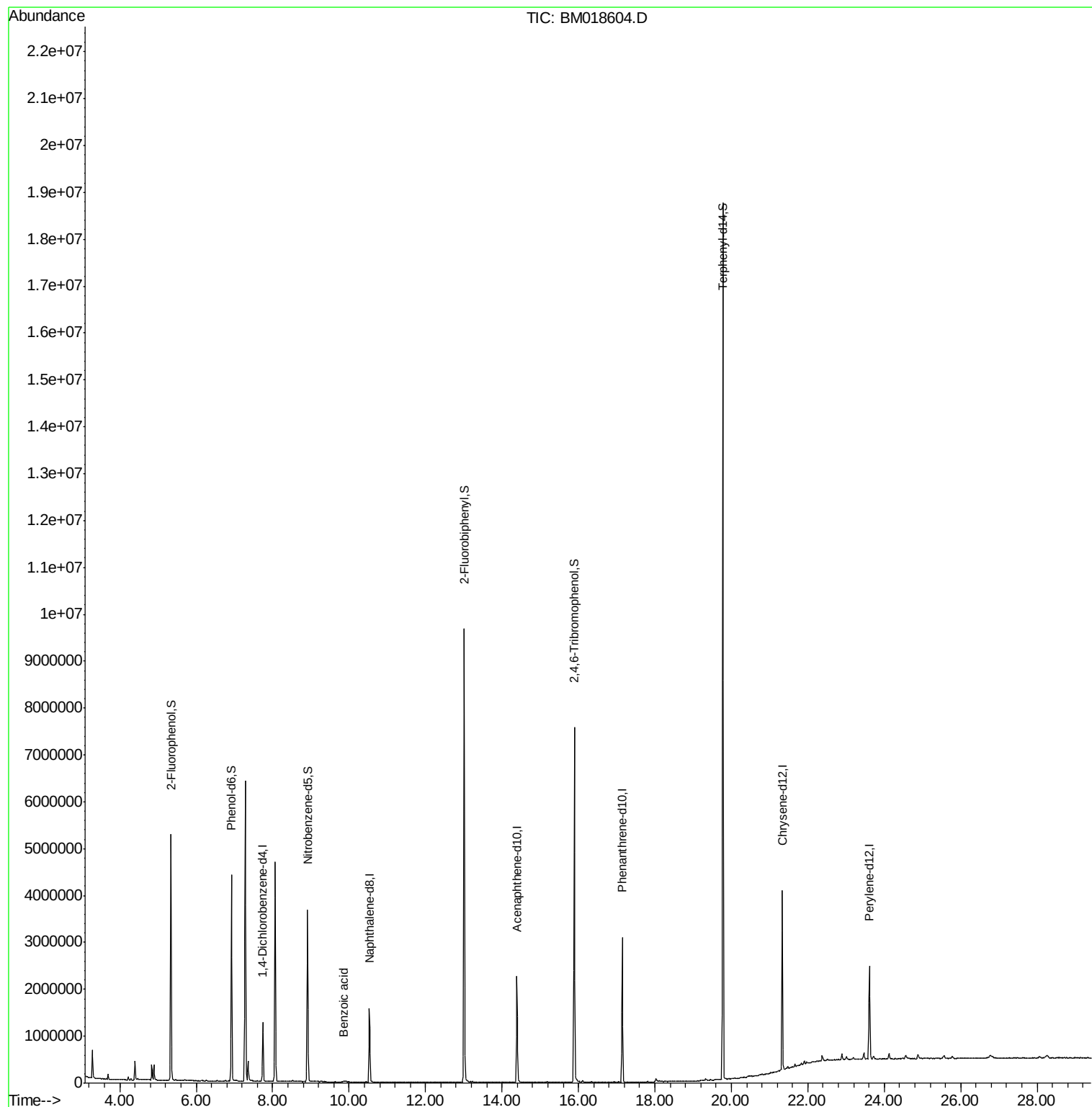
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	336912	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1371337	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	780795	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1772473	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	1765363	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1402692	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2197241	120.42	ng	-0.01
7) Phenol-d6	6.92	99	2396712	103.42	ng	-0.01
23) Nitrobenzene-d5	8.92	82	2061686	87.15	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1408865	141.71	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5137758	85.86	ng	-0.01
79) Terphenyl-d14	19.77	244	8417087	100.51	ng	-0.01
Target Compounds						
32) Benzoic acid	9.86	122	628	6.550	ng	Qvalue # 86

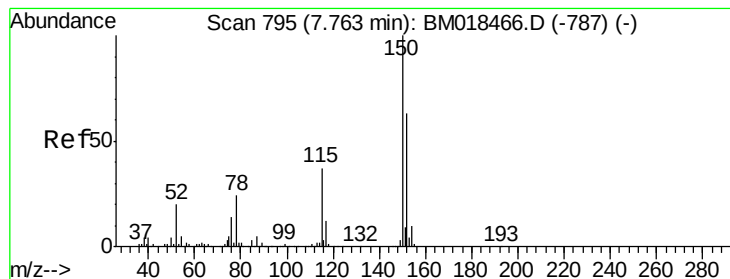
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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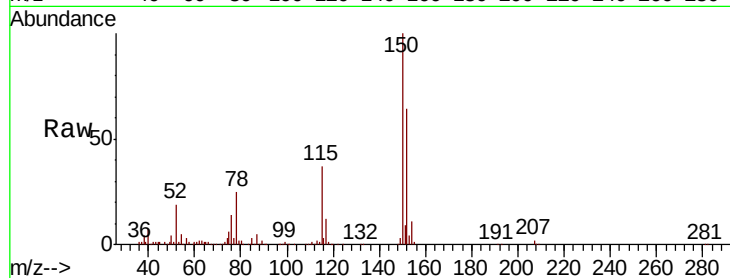


#1

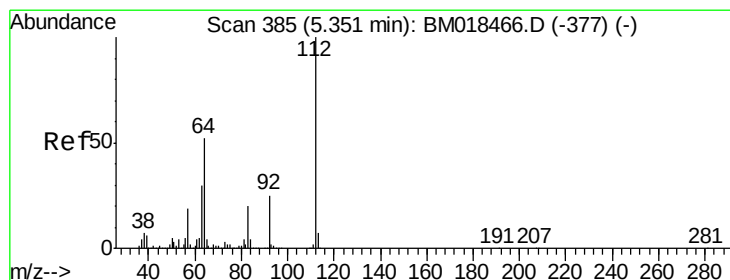
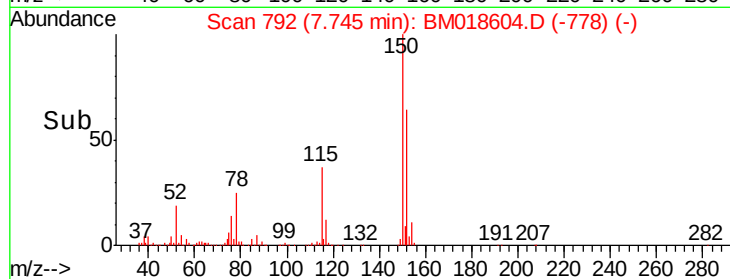
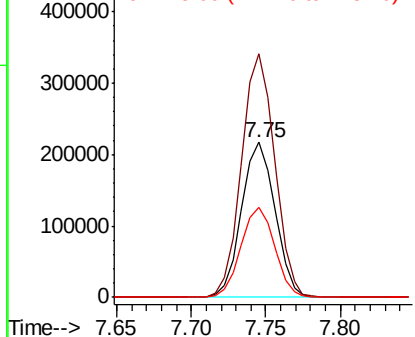
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BM018604.D
 Acq: 17 Jan 2019 04:59

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Tgt Ion:152 Resp: 336912
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.9 190.3
 115 58.6 45.5 68.3



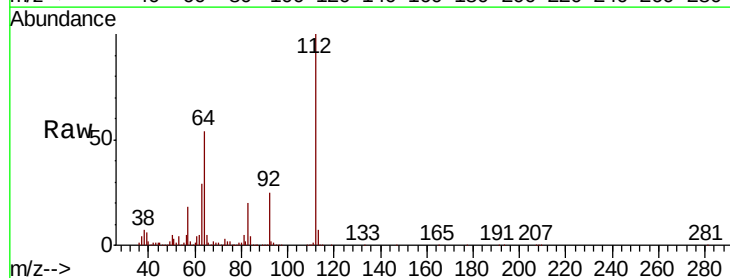
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



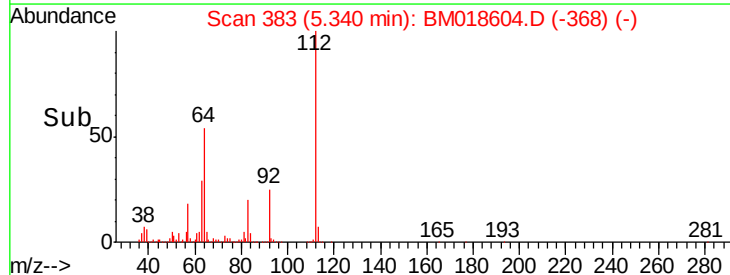
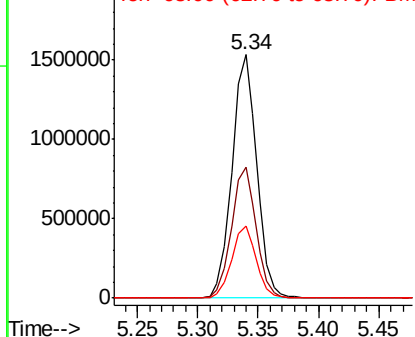
#5

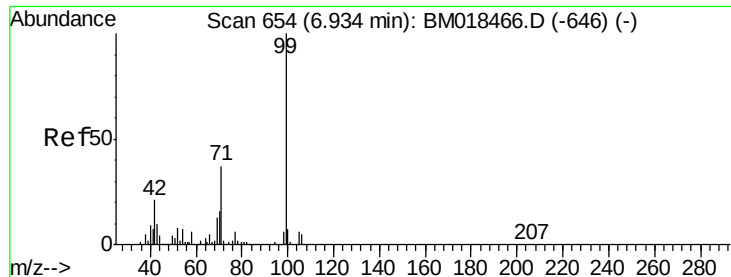
2-Fluorophenol
 Concen: 120.423 ng
 RT: 5.34 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: BM018604.D
 Acq: 17 Jan 2019 04:59

Tgt Ion:112 Resp: 2197241
 Ion Ratio Lower Upper
 112 100
 64 53.6 46.5 69.7
 63 29.4 25.2 37.8



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: 103.419 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

Instrument :

BNA_M

ClientSampleId :

TP-4

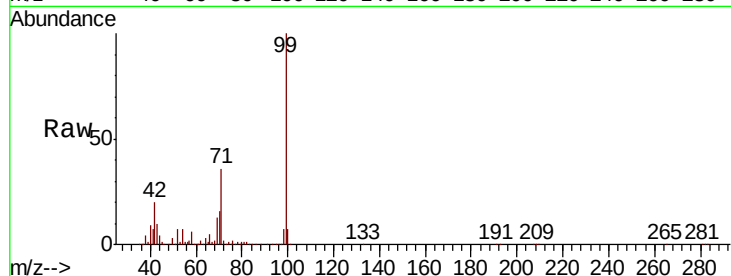
Tgt Ion: 99 Resp: 2396712

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

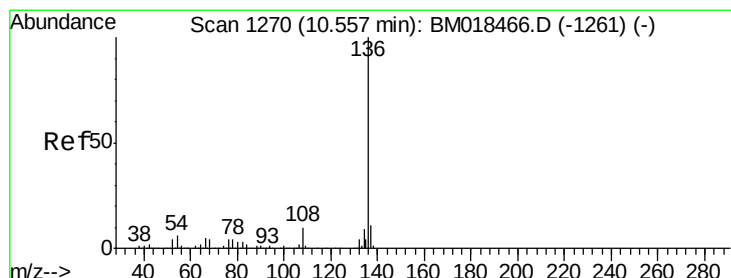
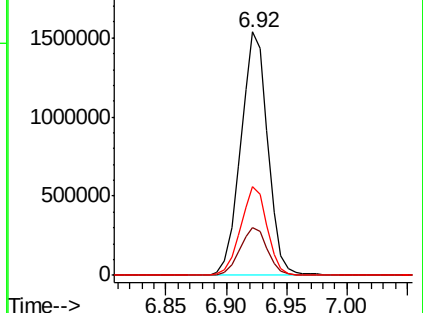
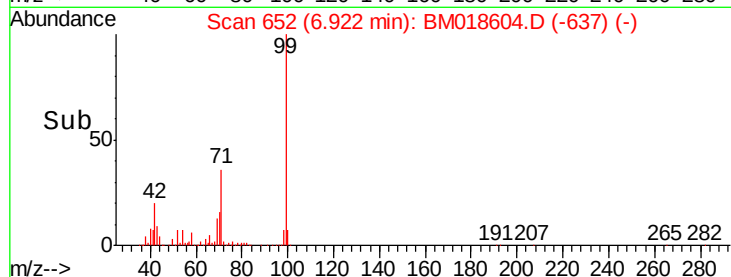
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018604.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018604.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018604.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

Tgt Ion: 136 Resp: 1371337

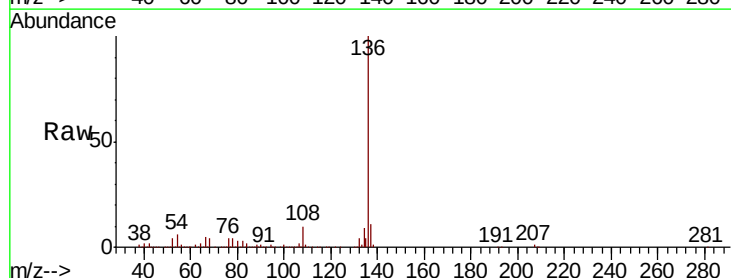
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 6.4 6.0 9.0

68 4.5 4.5 6.7#

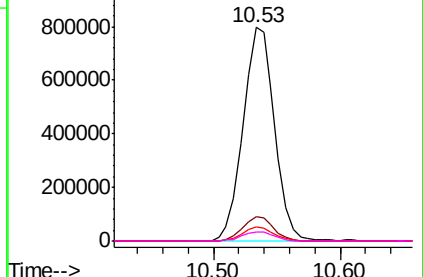
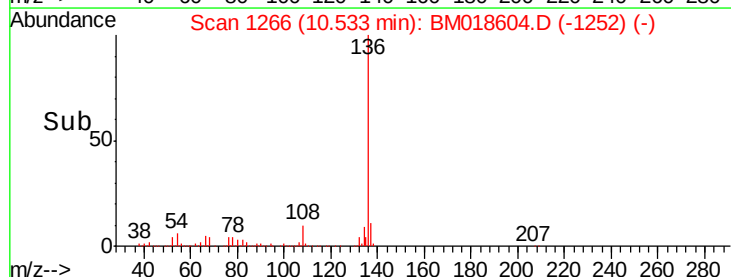


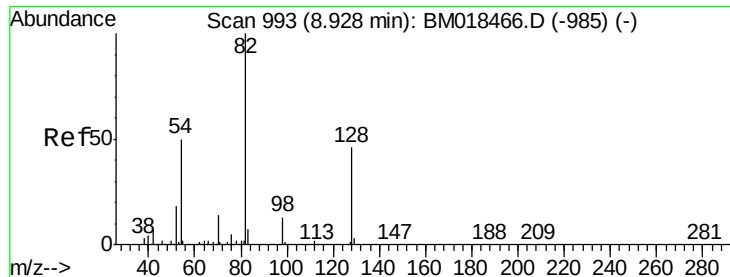
Abundance Ion 136.00 (135.70 to 136.70): BM018604.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018604.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018604.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018604.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 87.154 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

Instrument :

BNA_M

ClientSampleId :

TP-4

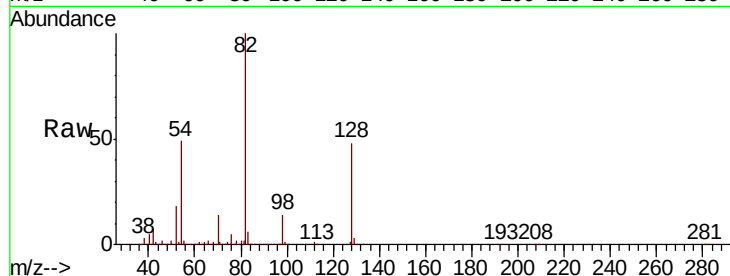
Tgt Ion: 82 Resp: 2061686

Ion Ratio Lower Upper

82 100

128 47.9 36.3 54.5

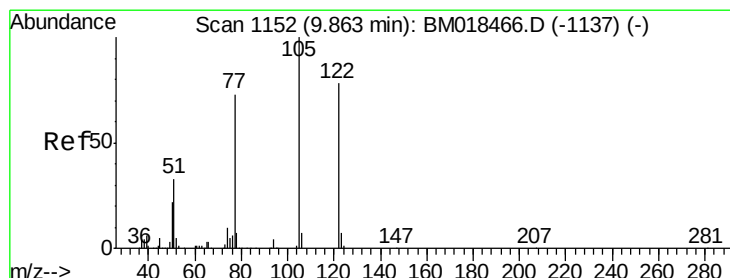
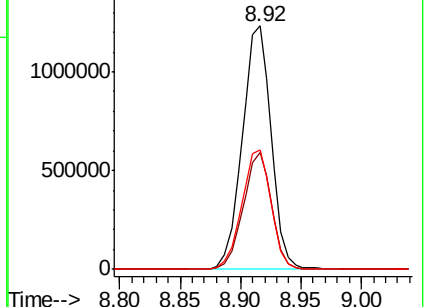
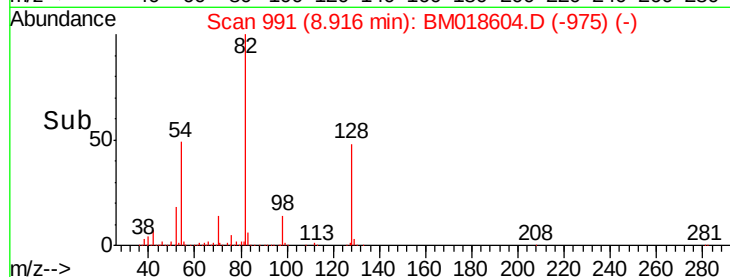
54 49.0 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018604.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BM018604.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM018604.D (-975) (-)



#32

Benzoic acid

Concen: 6.550 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

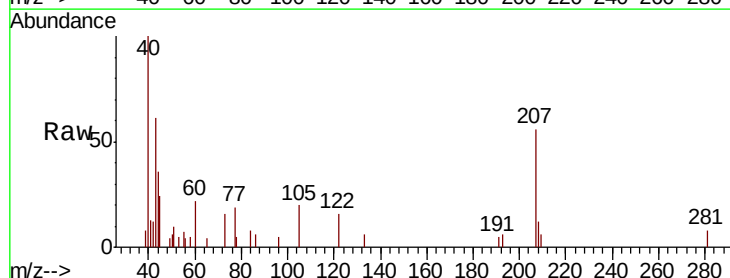
Tgt Ion: 122 Resp: 628

Ion Ratio Lower Upper

122 100

105 124.0 100.4 140.4

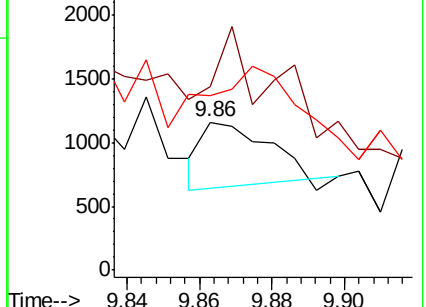
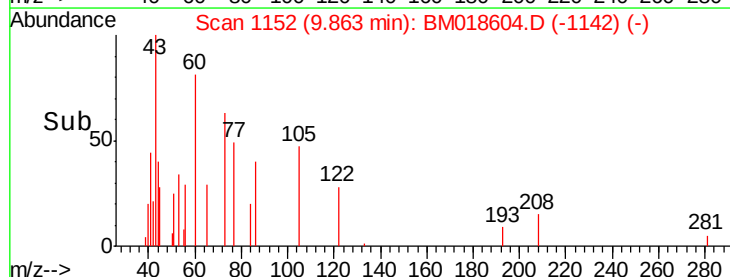
77 117.9 71.7 111.7#

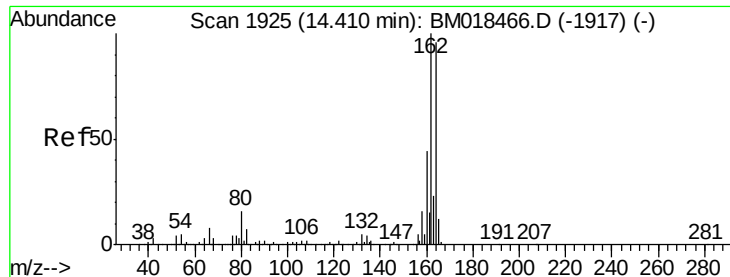


Abundance Ion 122.00 (121.70 to 122.70): BM018604.D (-1142) (-)

Ion 105.00 (104.70 to 105.70): BM018604.D (-1142) (-)

Ion 77.00 (76.70 to 77.70): BM018604.D (-1142) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

Instrument :

BNA_M

ClientSampleId :

TP-4

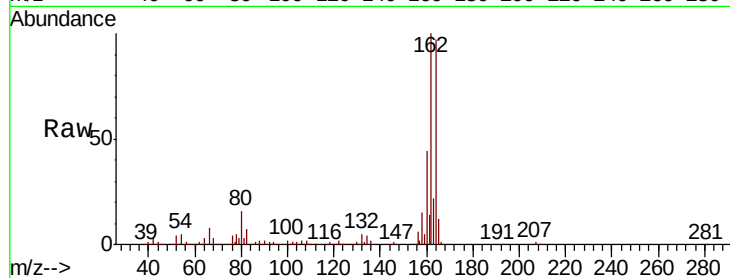
Tgt Ion:164 Resp: 780795

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

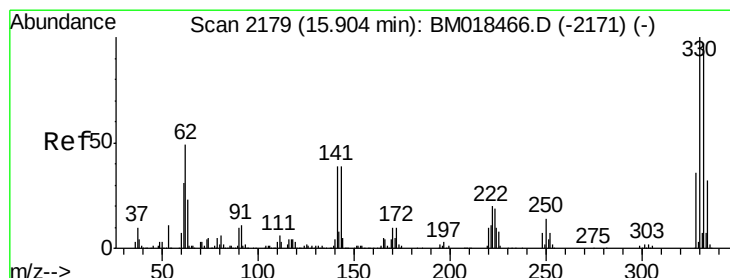
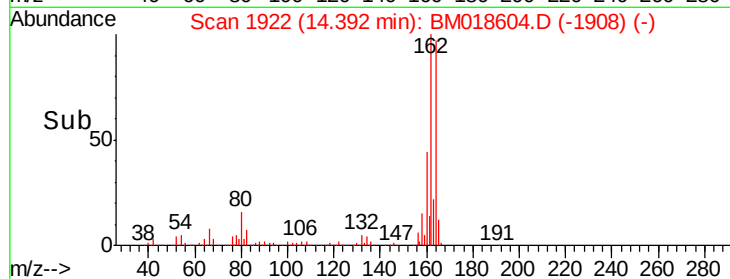
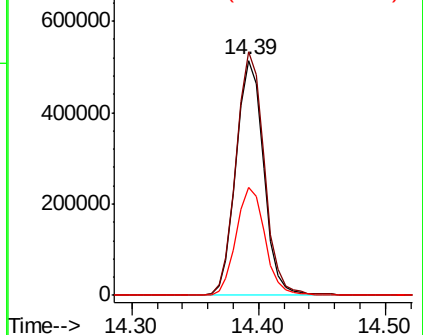
160 45.8 37.1 55.7



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: 141.713 ng

RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

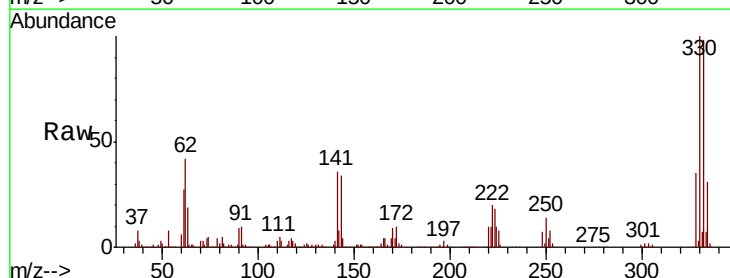
Tgt Ion:330 Resp: 1408865

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

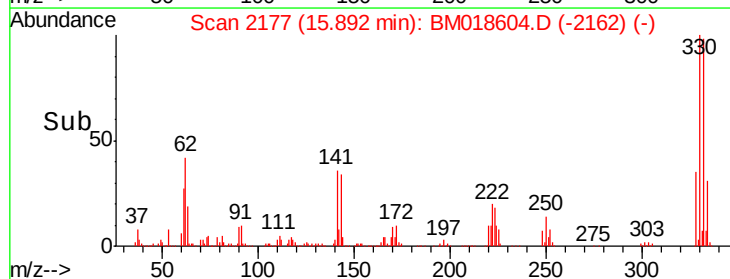
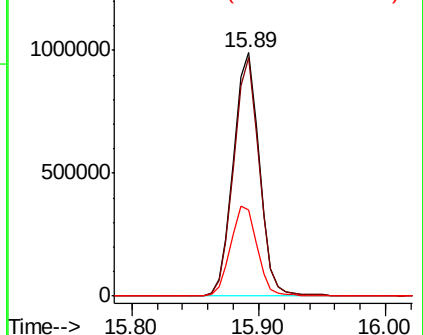
141 37.8 31.7 47.5

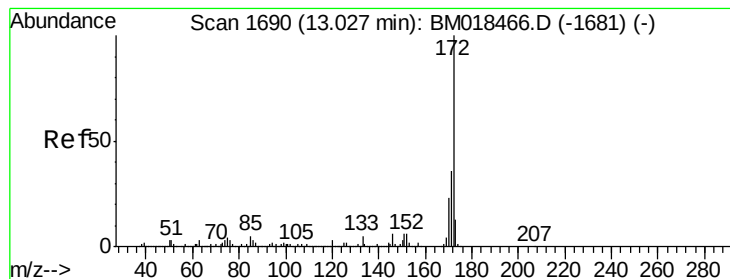


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 85.862 ng

RT: 13.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

Instrument :

BNA_M

ClientSampled :

TP-4

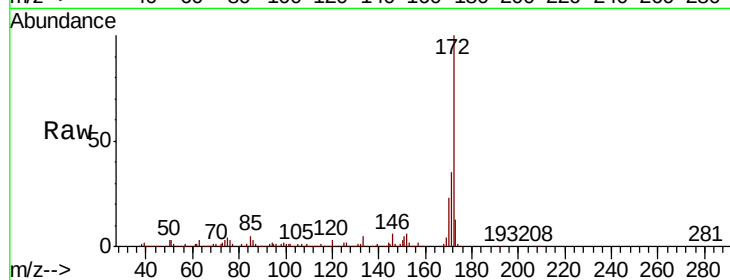
Tgt Ion:172 Resp: 5137758

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

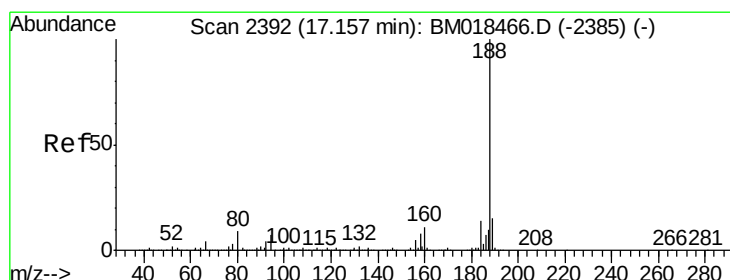
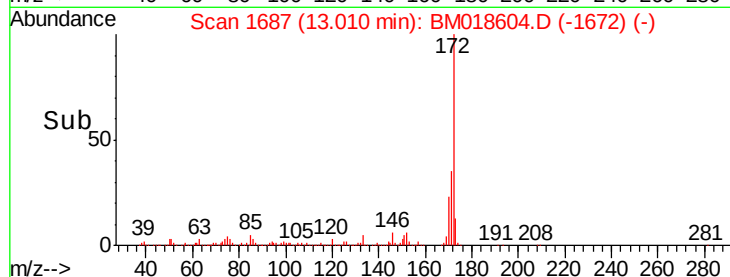
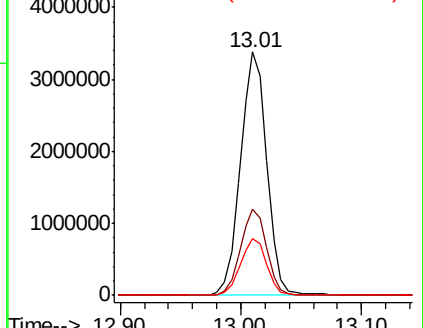
170 23.1 18.9 28.3



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: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

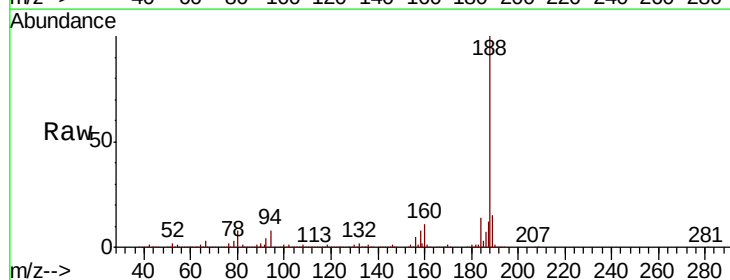
Tgt Ion:188 Resp: 1772473

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

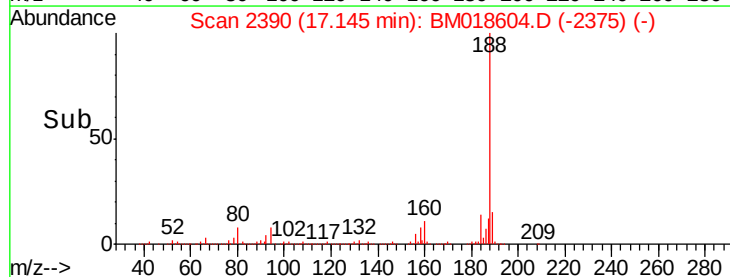
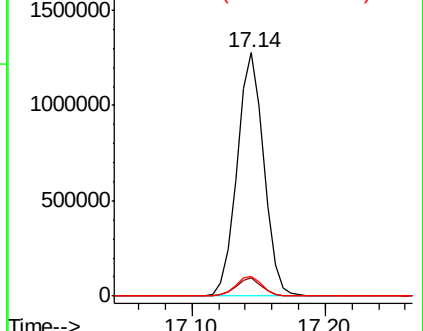
80 7.9 7.6 11.4

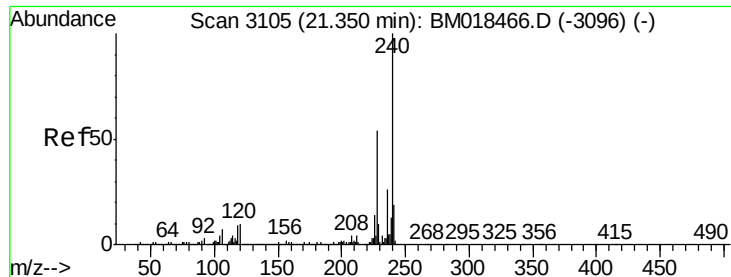


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

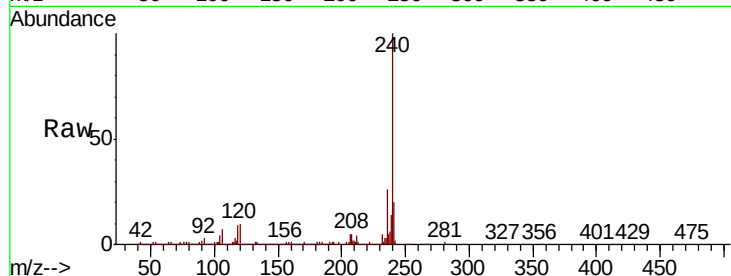




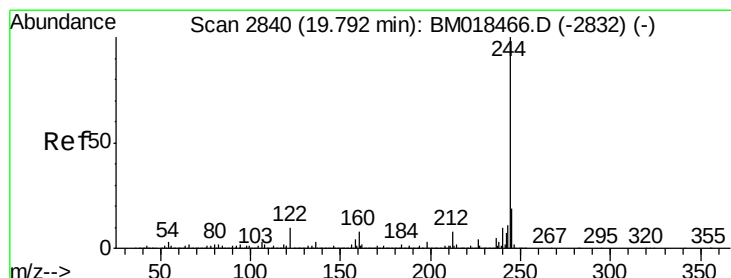
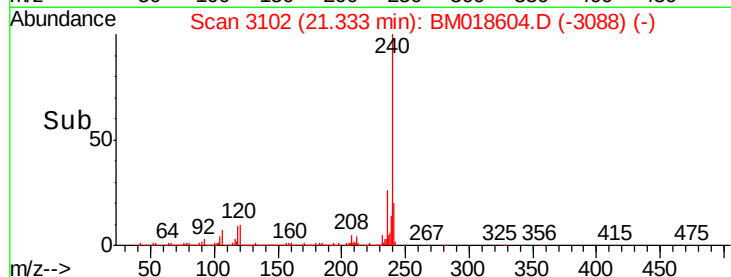
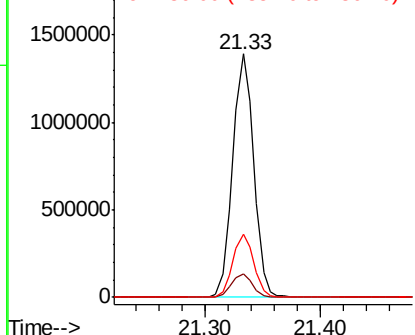
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018604.D
Acq: 17 Jan 2019 04:59

Instrument :
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Tgt Ion:240 Resp: 1765363
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.8 20.7 31.1

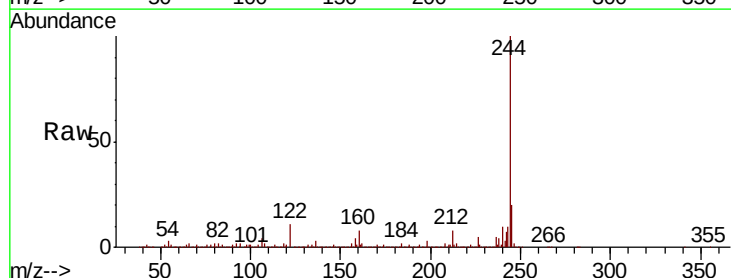


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

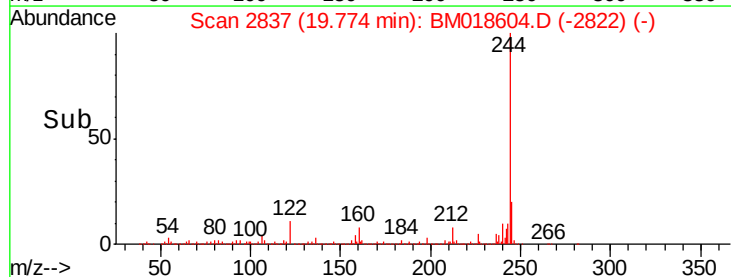
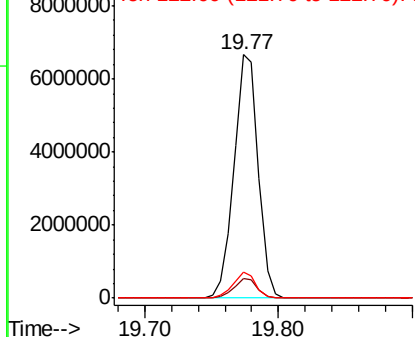


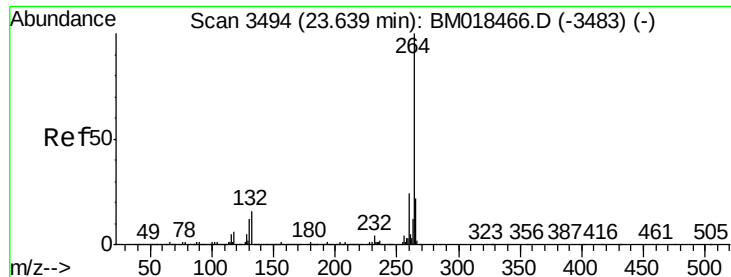
#79
Terphenyl-d14
Concen: 100.509 ng
RT: 19.77 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM018604.D
Acq: 17 Jan 2019 04:59

Tgt Ion:244 Resp: 8417087
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.6 9.0 13.4



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: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018604.D

Acq: 17 Jan 2019 04:59

Instrument :

BNA_M

ClientSampleId :

TP-4

Tgt Ion:264 Resp: 1402692

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 22.0 16.8 25.2

