

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 07:19:46 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

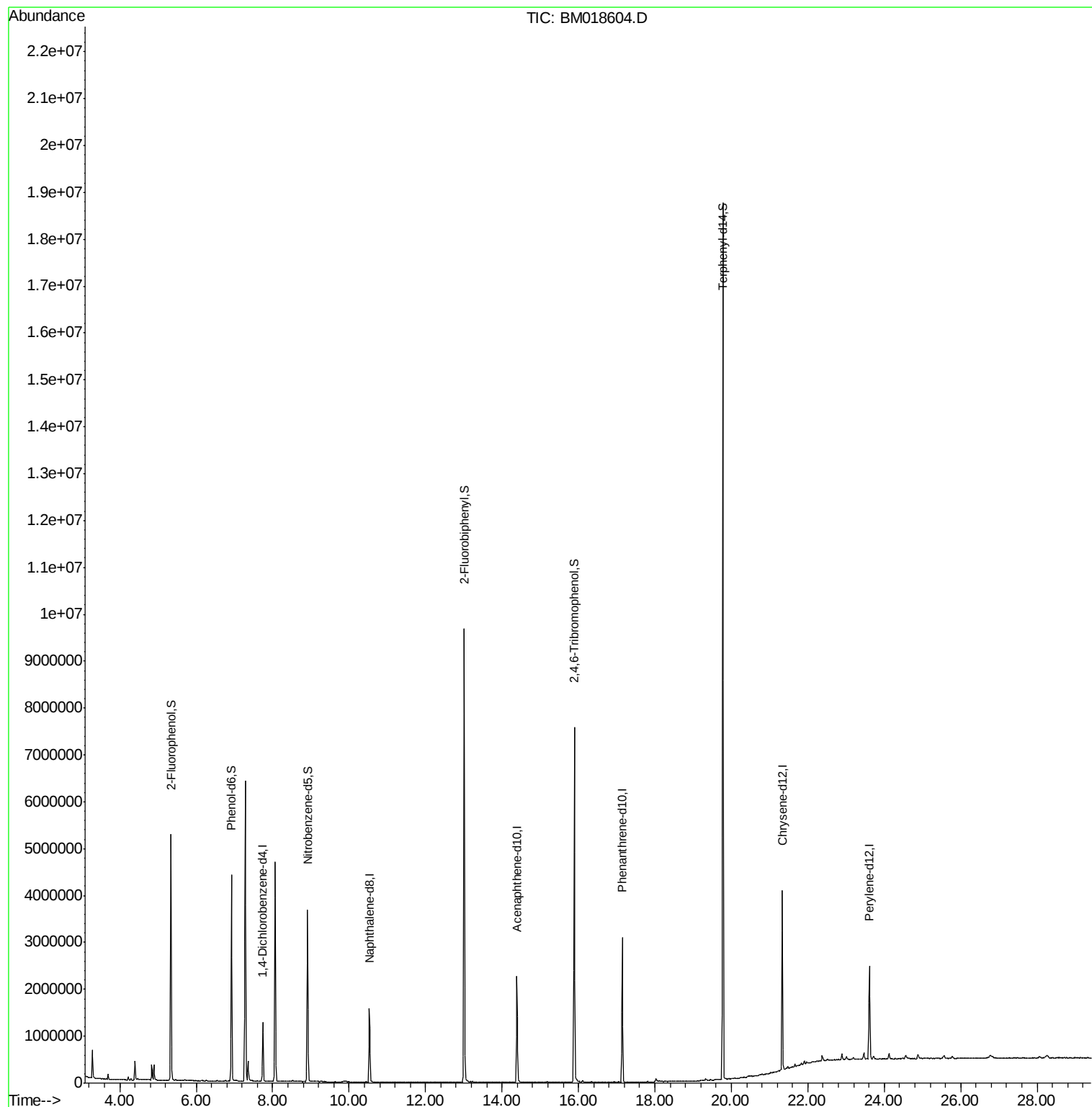
Target Compounds Qvalue

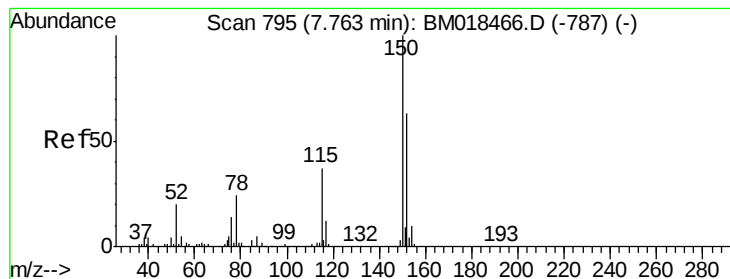
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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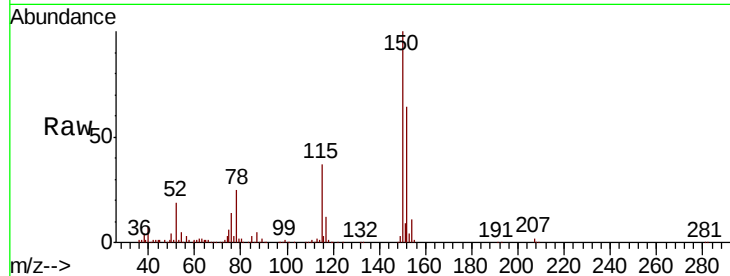


#1

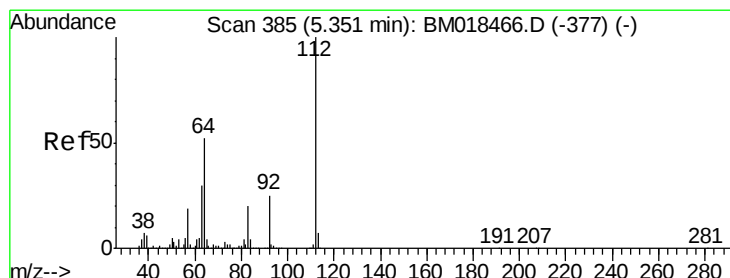
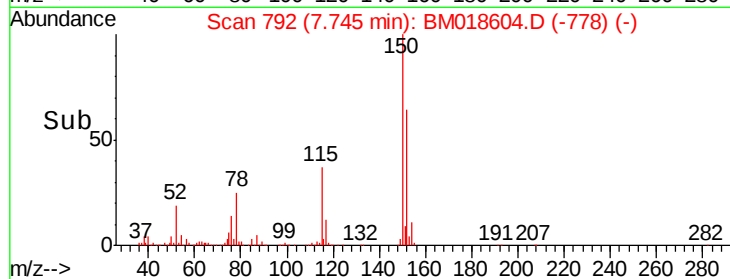
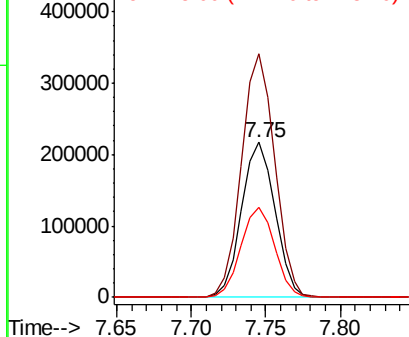
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018604.D
Acq: 17 Jan 2019 04:59

Instrument :
BNA_M
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.9	190.3
115	58.6	45.5	68.3



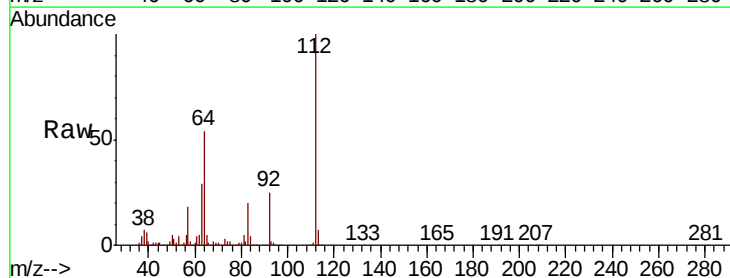
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



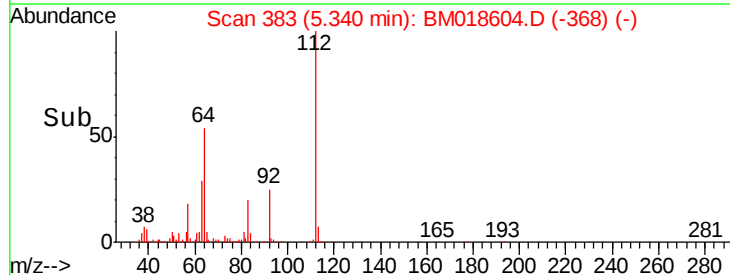
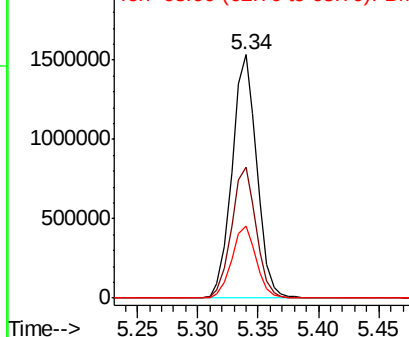
#5

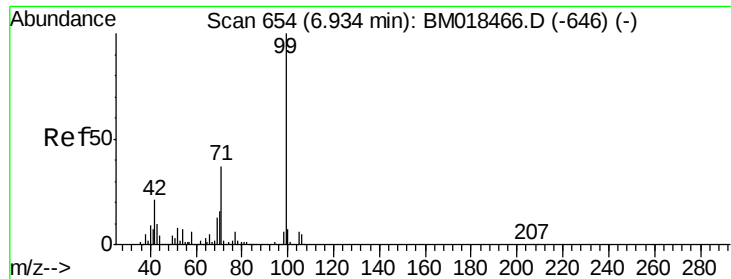
2-Fluorophenol
Concen: 120.423 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018604.D
Acq: 17 Jan 2019 04:59

Tgt Ion	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 :

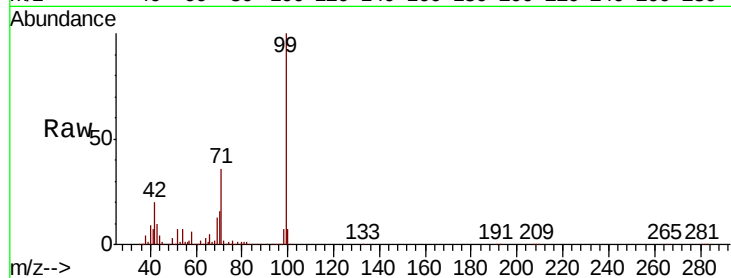
BNA_M

ClientSampleId :

TP-4

Tot Ion: 99 Resp: 2396712

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	36.2	28.0	42.0

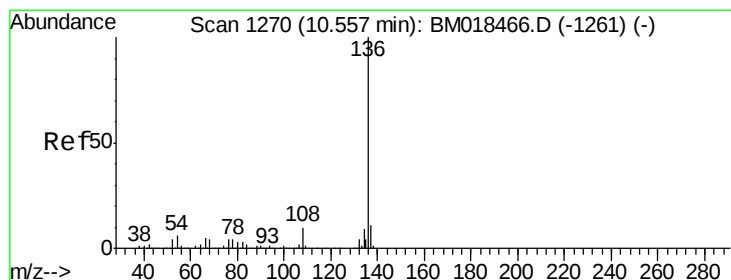
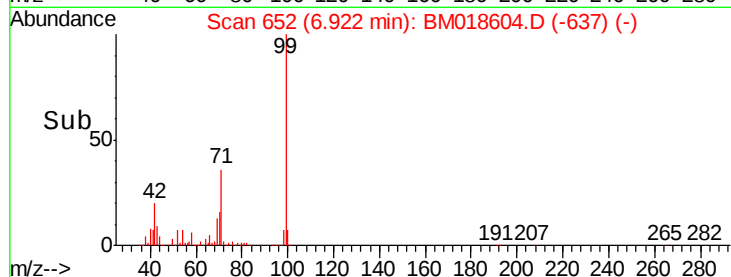
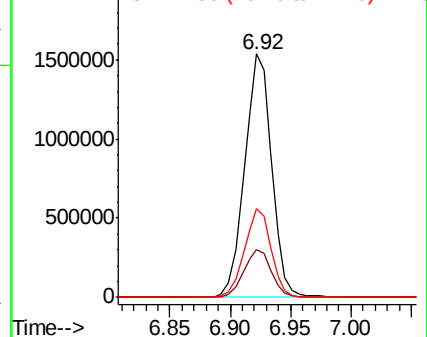


Abundance

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

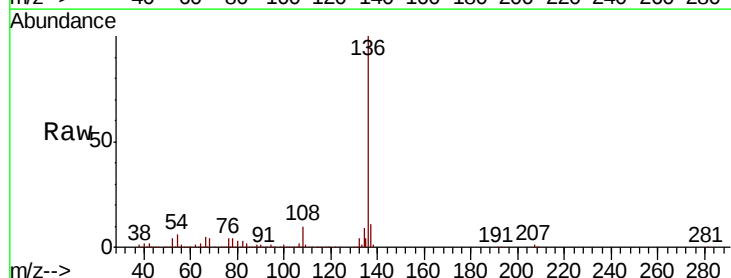
Delta R.T. -0.02 min

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#



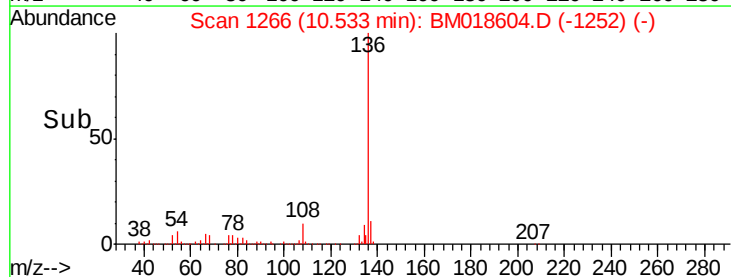
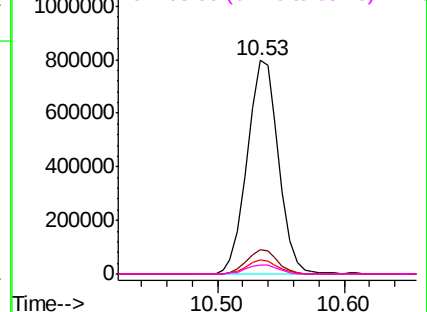
Abundance

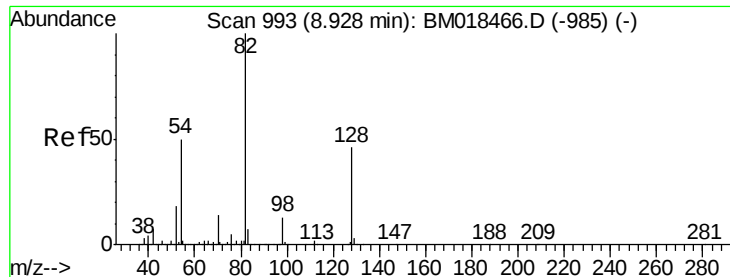
Ion 136.00 (135.70 to 136.70): BM018604.D (-1252) (-)

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

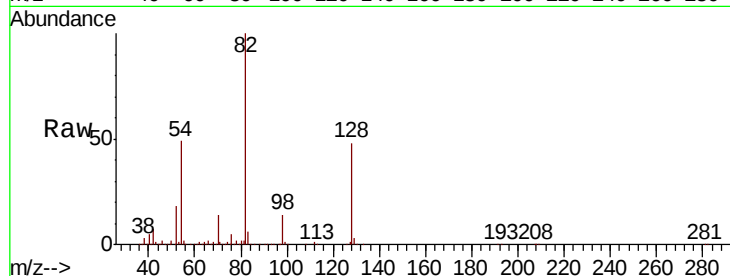
Tot Ion: 82 Resp: 2061686

Ion Ratio Lower Upper

82 100

128 47.9 36.3 54.5

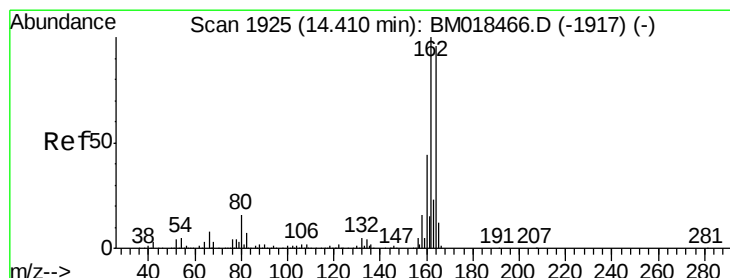
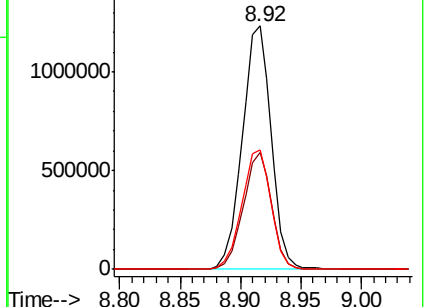
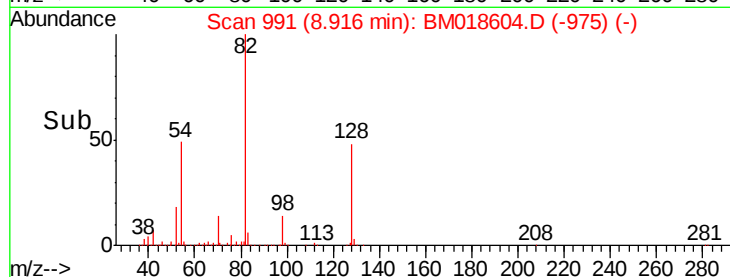
54 49.0 41.7 62.5



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) (-)



#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

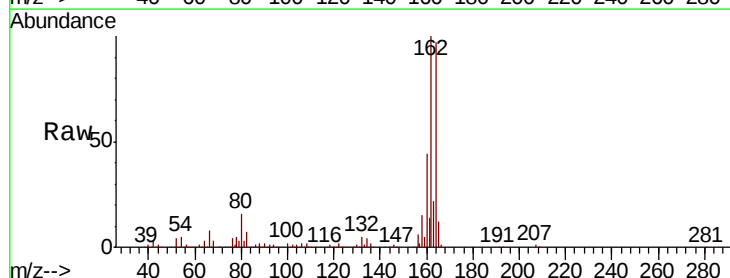
Tgt Ion:164 Resp: 780795

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

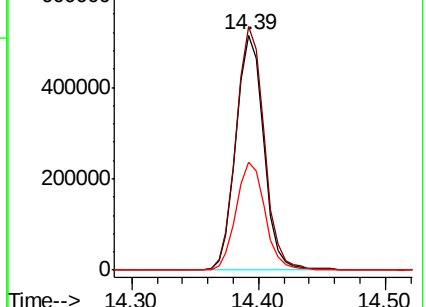
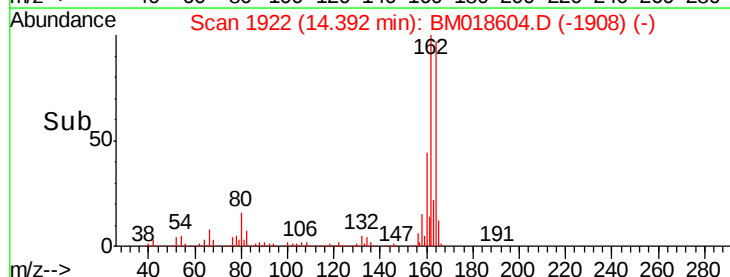
160 45.8 37.1 55.7

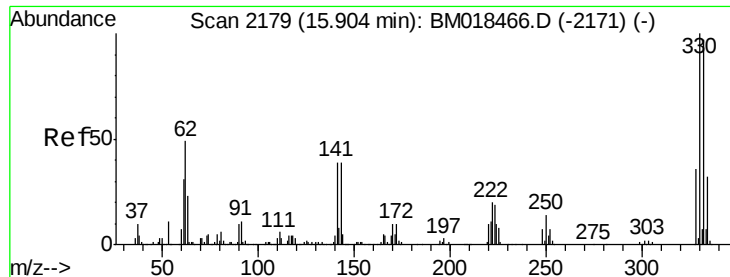


Abundance Ion 164.00 (163.70 to 164.70): BM018604.D (-1908) (-)

Ion 162.00 (161.70 to 162.70): BM018604.D (-1908) (-)

Ion 160.00 (159.70 to 160.70): BM018604.D (-1908) (-)





#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

Instrument :

BNA_M

ClientSampleId :

TP-4

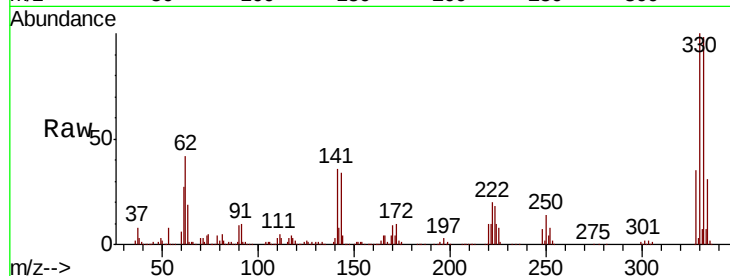
Tot Ion:330 Resp: 1408865

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 37.8 31.7 47.5

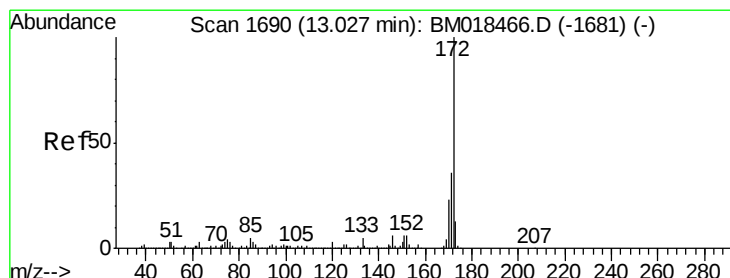
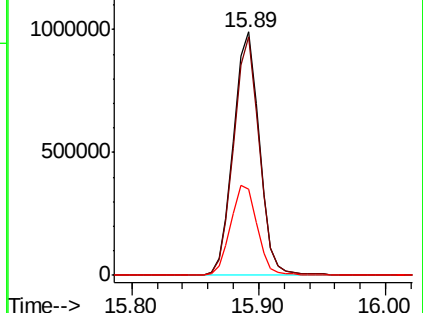
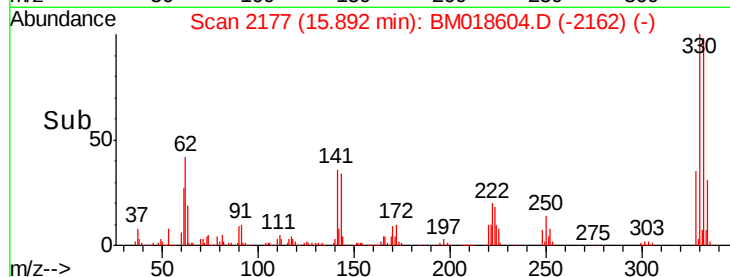


Abundance

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

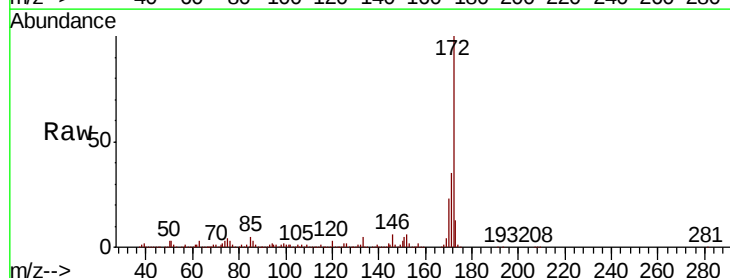
Tgt Ion:172 Resp: 5137758

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.1 18.9 28.3

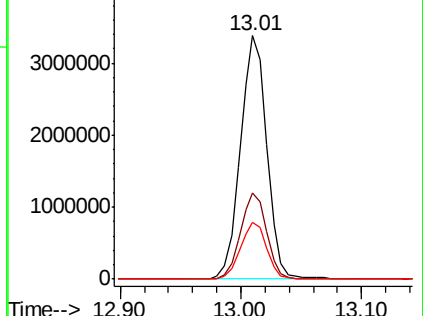
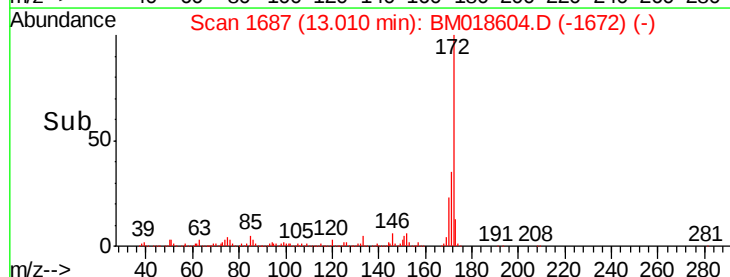


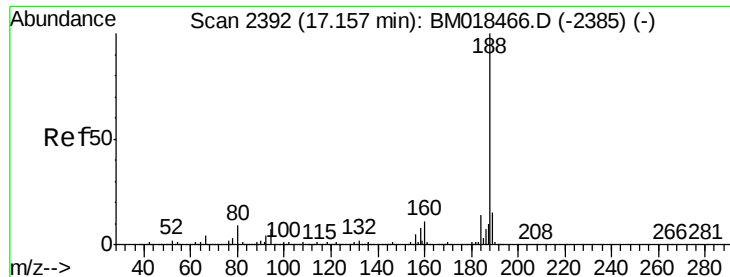
Abundance

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

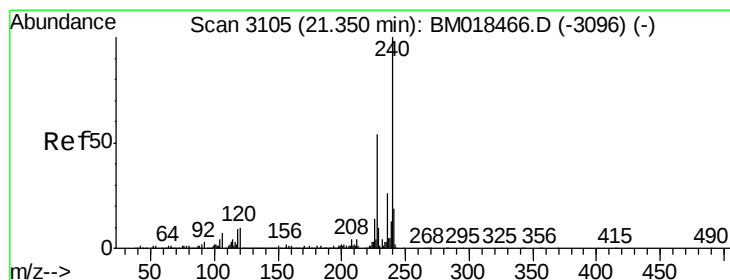
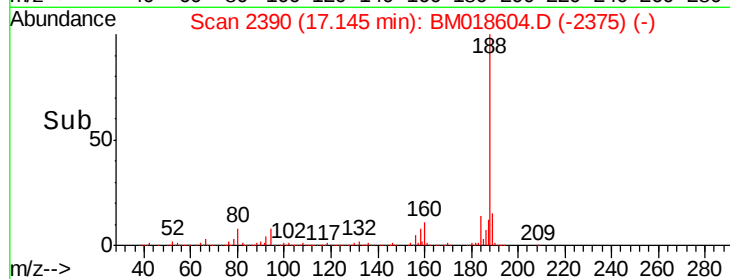
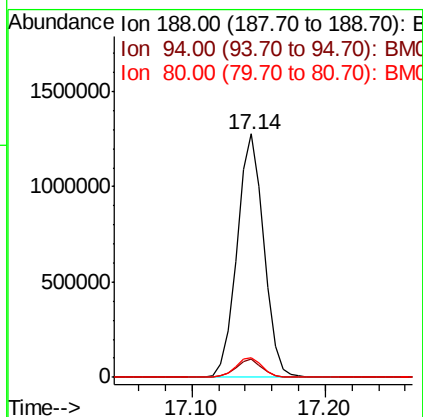
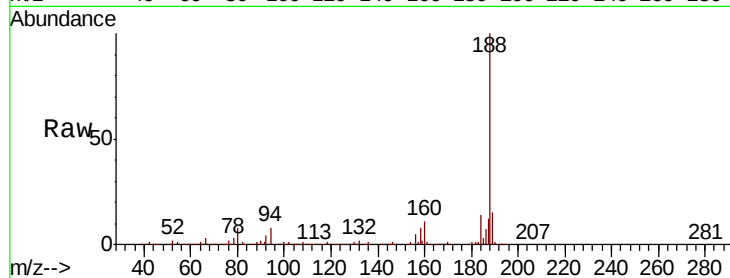




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018604.D
Acq: 17 Jan 2019 04:59

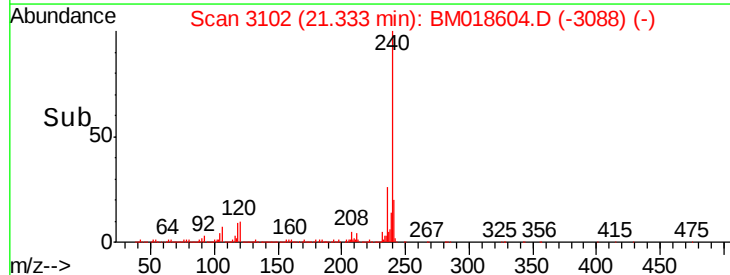
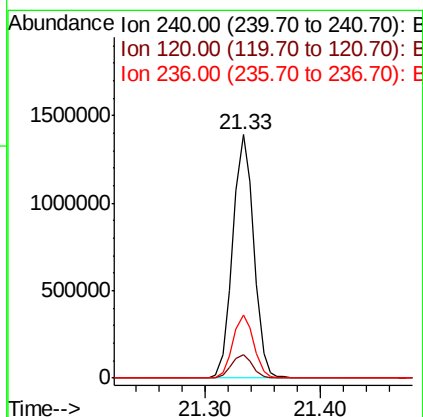
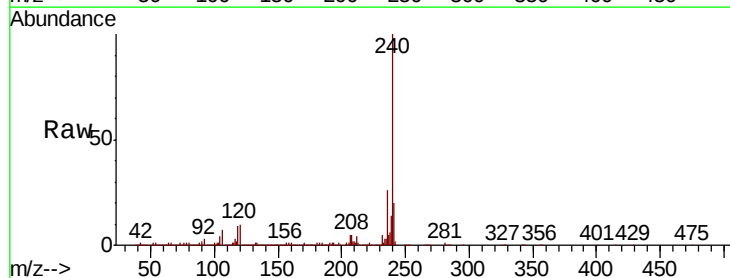
Instrument :
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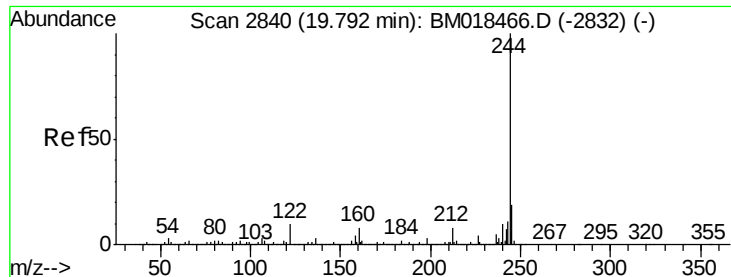
Tot Ion:188 Resp: 1772473
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 7.9 7.6 11.4



#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

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





#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

Instrument :

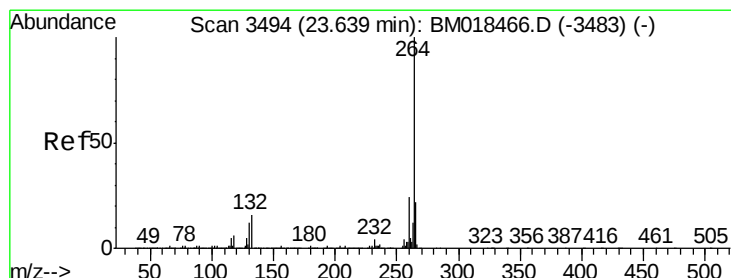
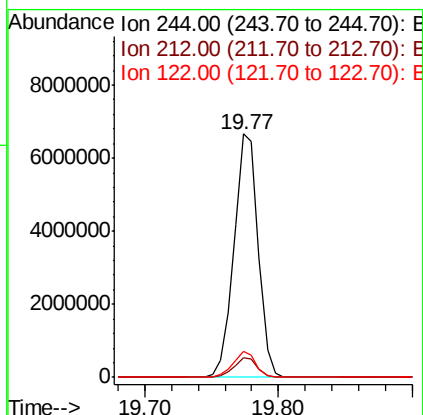
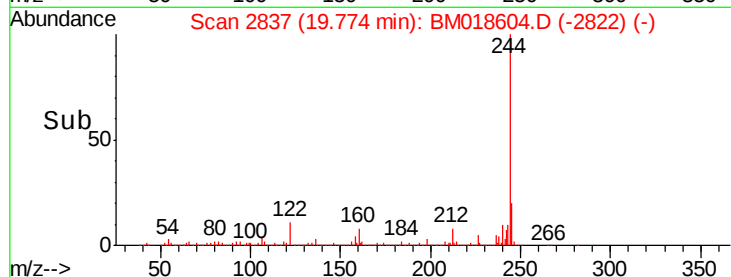
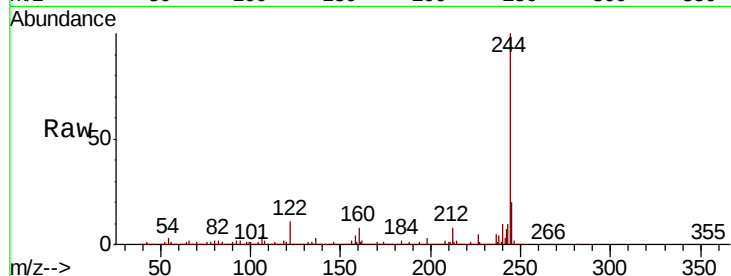
BNA_M

ClientSampleId :

TP-4

Tot Ion:244 Resp: 8417087

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	10.6	9.0	13.4



#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

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

