

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018607.D
 Acq On : 17 Jan 2019 06:47
 Operator : JU/SJ
 Sample : K1147-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Quant Time: Jan 17 07:22:07 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	323056	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1294670	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	744605	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1708955	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	1767337	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1408864	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2347691	134.19	ng	-0.01
7) Phenol-d6	6.92	99	2751220	123.81	ng	-0.01
23) Nitrobenzene-d5	8.92	82	2037605	91.24	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1402603	147.94	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5181853	90.81	ng	-0.01
79) Terphenyl-d14	19.78	244	8486772	101.23	ng	0.00

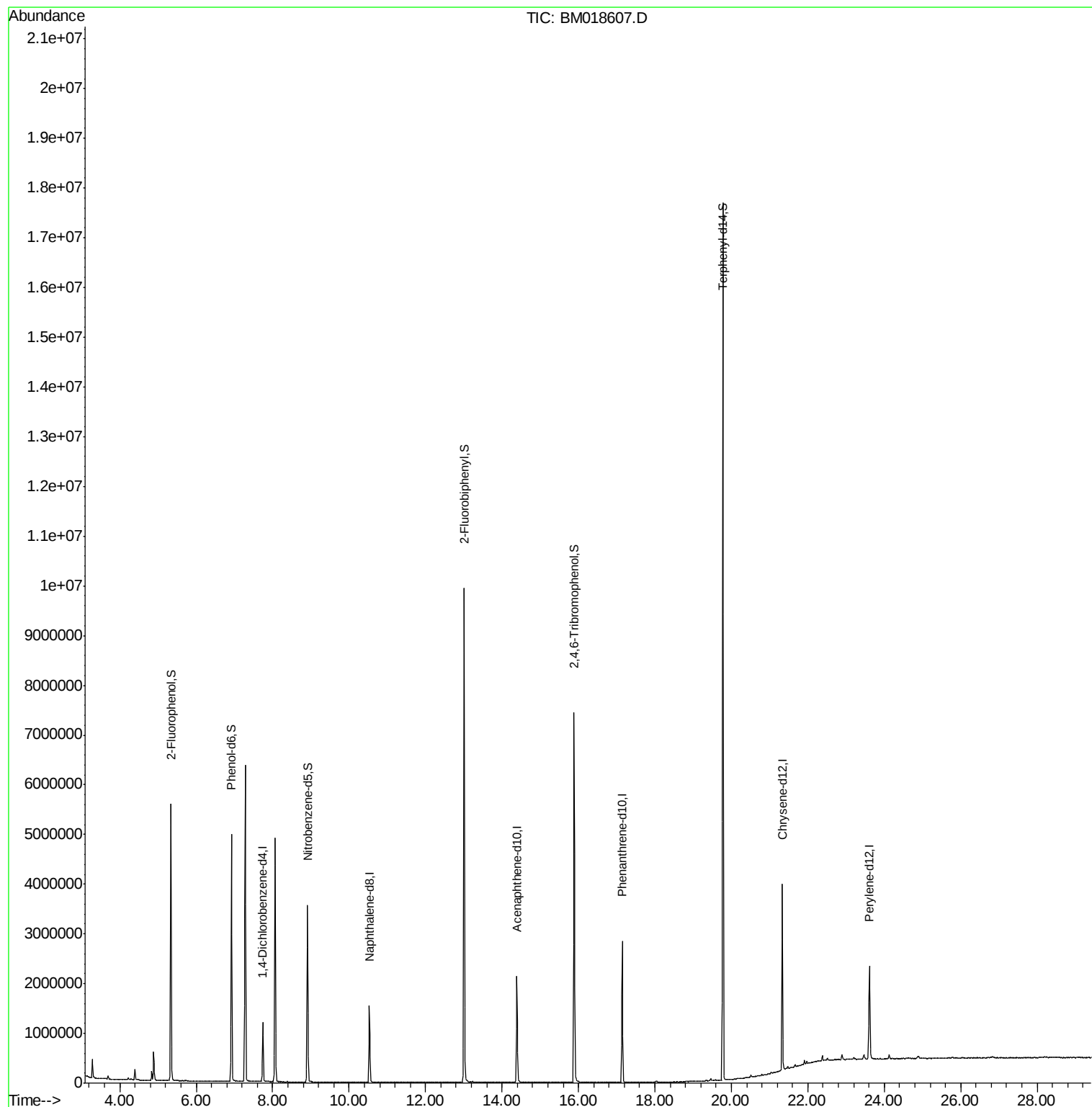
Target Compounds	Qvalue
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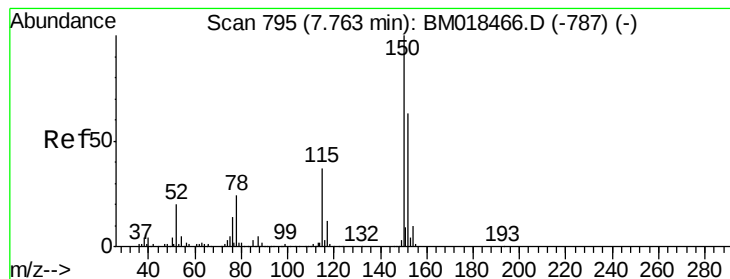
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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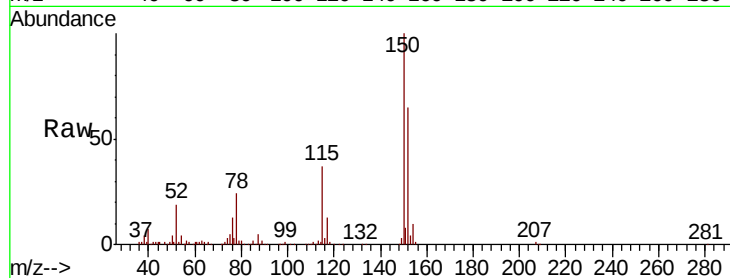


#1

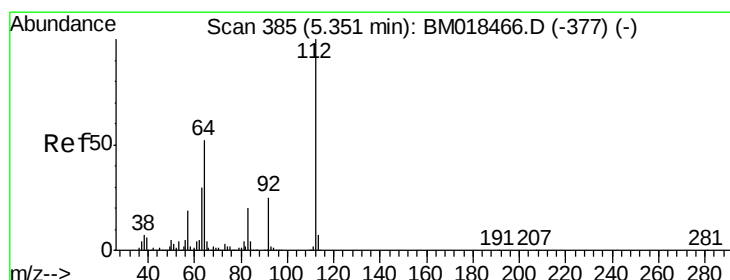
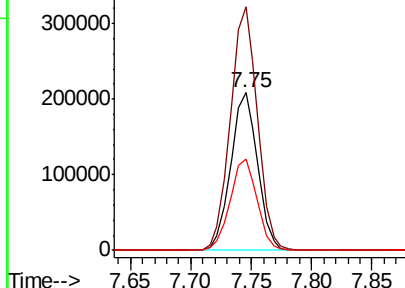
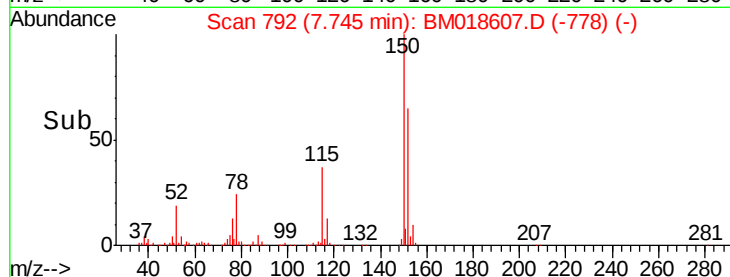
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018607.D
Acq: 17 Jan 2019 06:47

Instrument :
BNA_M
ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	57.7	45.5	68.3



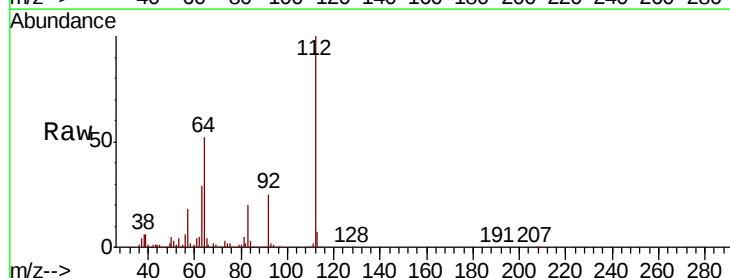
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



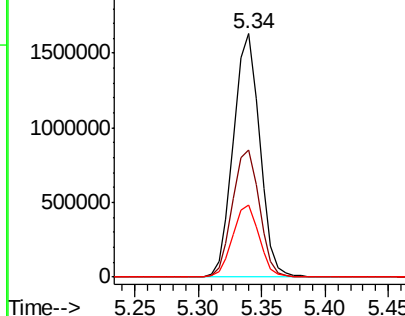
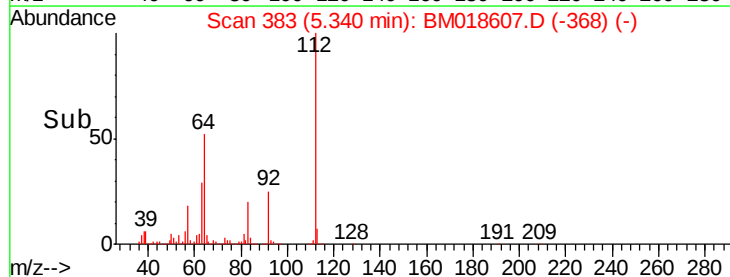
#5

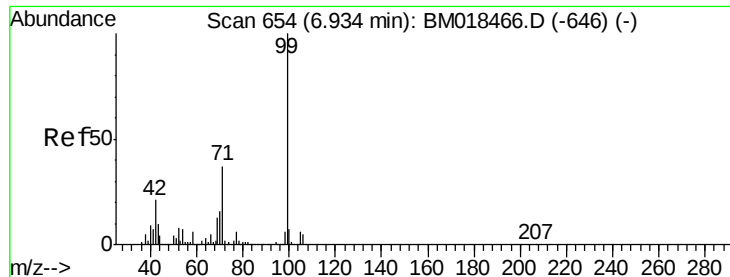
2-Fluorophenol
Concen: 134.187 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018607.D
Acq: 17 Jan 2019 06:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	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: 123.809 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018607.D

Acq: 17 Jan 2019 06:47

Instrument :

BNA_M

ClientSampleId :

TP-7

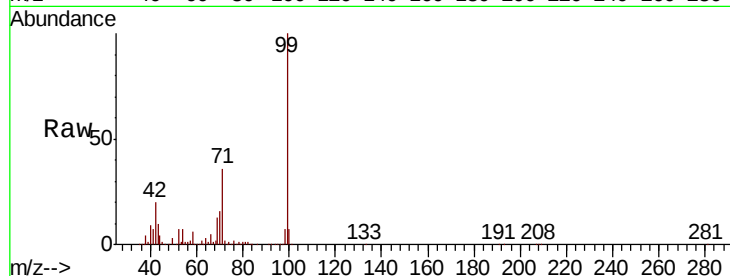
Tgt Ion: 99 Resp: 2751220

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

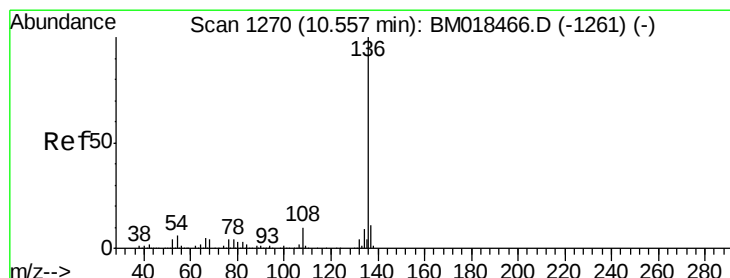
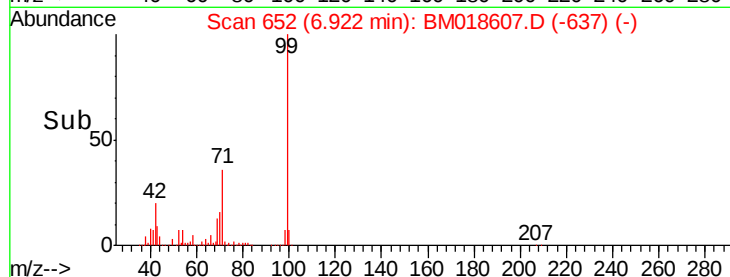
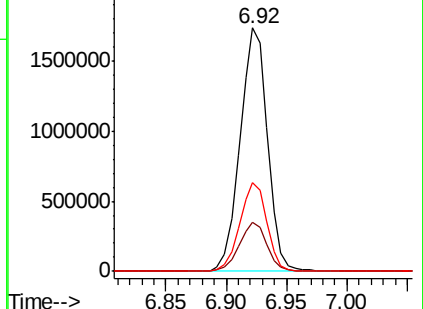
71 36.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018607.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018607.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018607.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018607.D

Acq: 17 Jan 2019 06:47

Tgt Ion: 136 Resp: 1294670

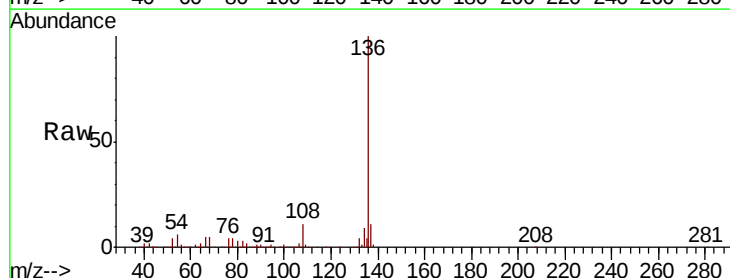
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.4 6.0 9.0

68 4.6 4.5 6.7

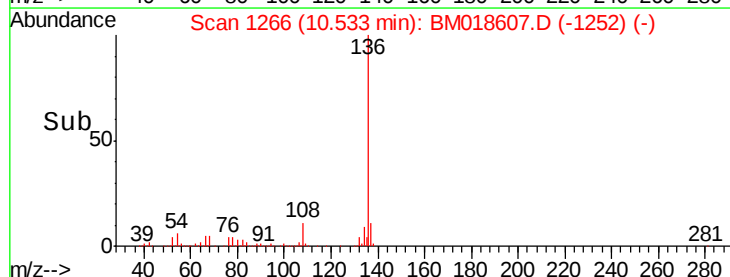
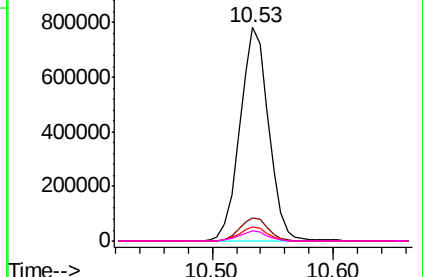


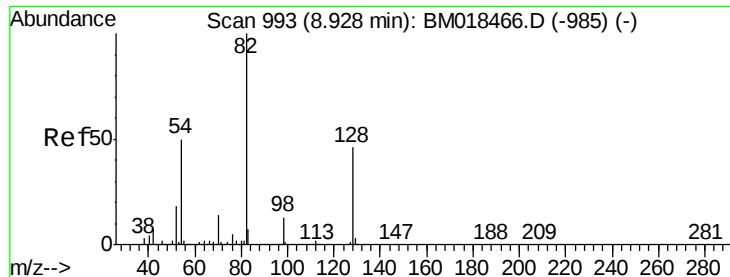
Abundance Ion 136.00 (135.70 to 136.70): BM018607.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018607.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018607.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018607.D (-1252) (-)

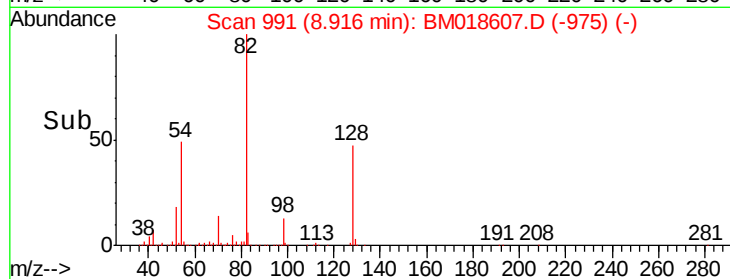
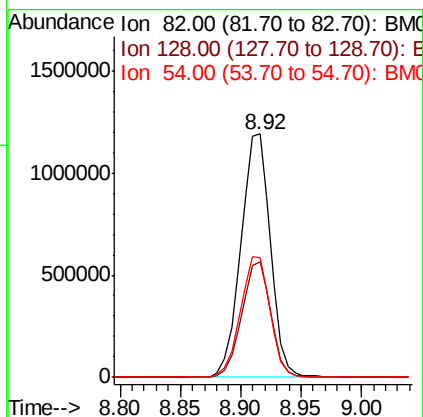
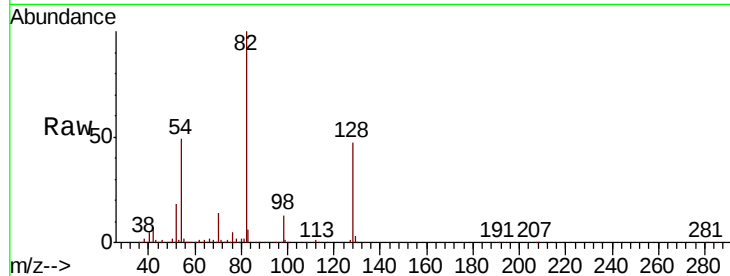




#23
 Nitrobenzene-d5
 Concen: 91.237 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018607.D
 Acq: 17 Jan 2019 06:47

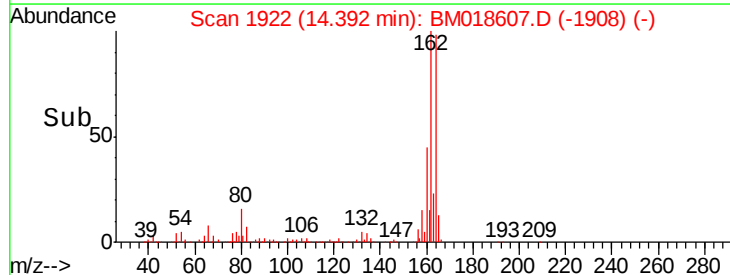
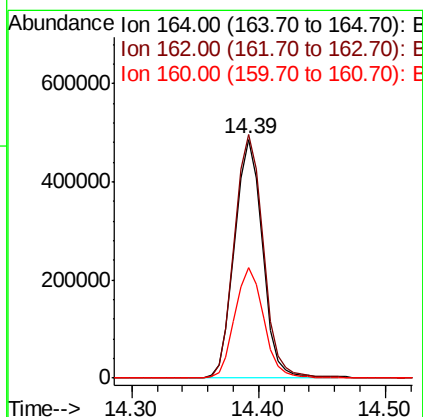
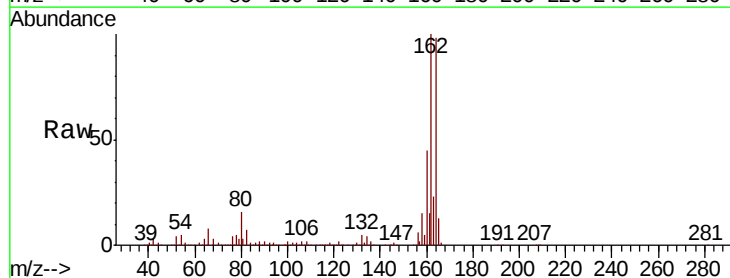
Instrument :
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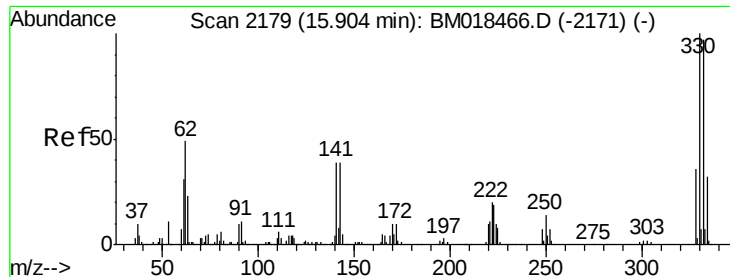
Tgt Ion: 82 Resp: 2037605
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.3 54.5
 54 49.2 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM018607.D
 Acq: 17 Jan 2019 06:47

Tgt Ion: 164 Resp: 744605
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.0 124.4
 160 46.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 147.940 ng

RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM018607.D

Acq: 17 Jan 2019 06:47

Instrument :

BNA_M

ClientSampleId :

TP-7

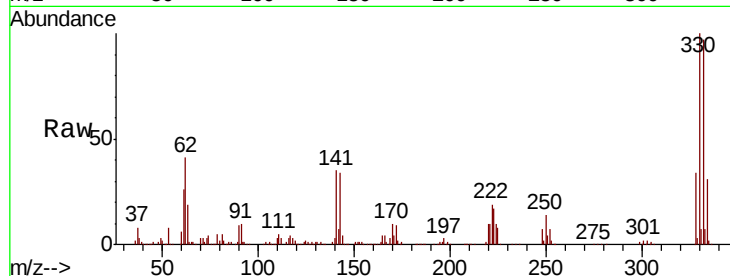
Tgt Ion:330 Resp: 1402603

Ion Ratio Lower Upper

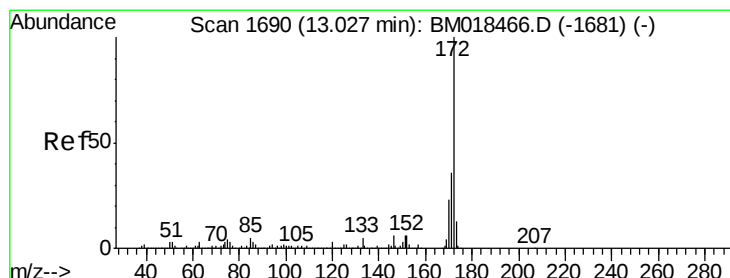
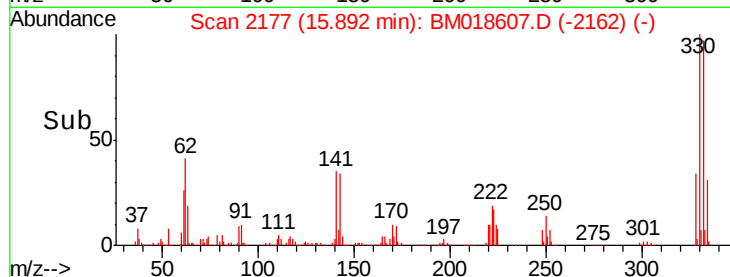
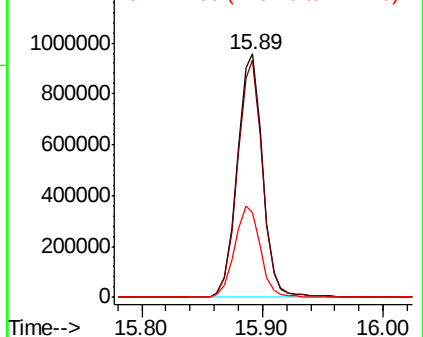
330 100

332 96.6 77.6 116.4

141 38.1 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: 90.808 ng

RT: 13.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BM018607.D

Acq: 17 Jan 2019 06:47

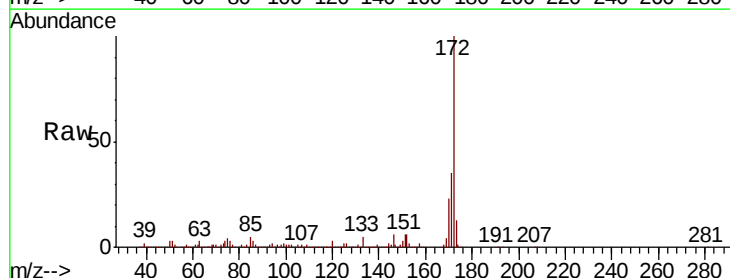
Tgt Ion:172 Resp: 5181853

Ion Ratio Lower Upper

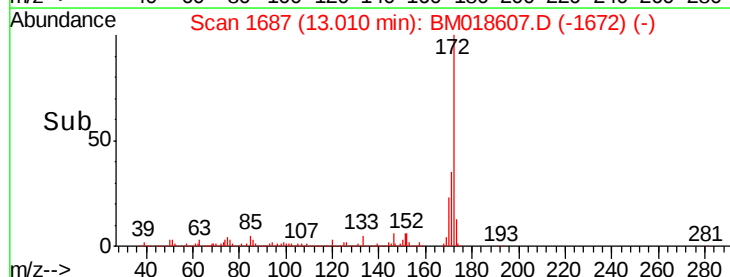
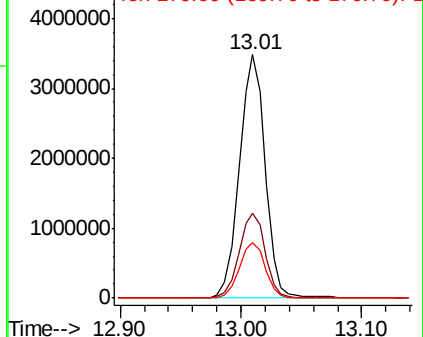
172 100

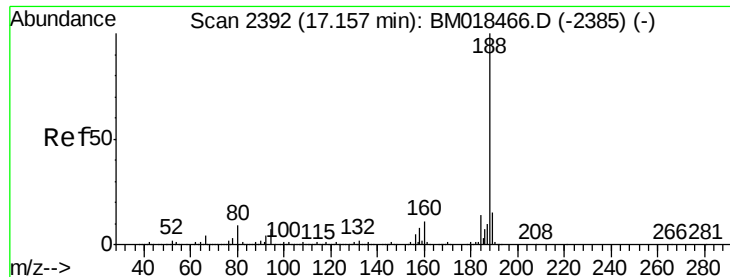
171 35.1 28.2 42.4

170 23.0 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

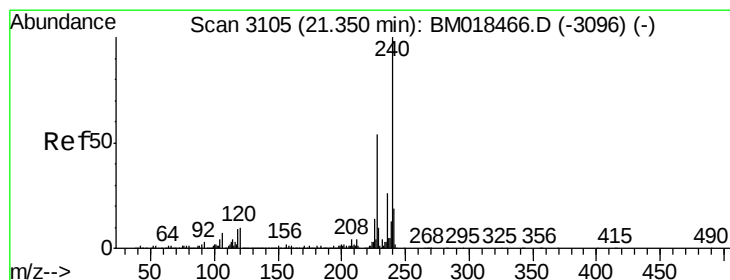
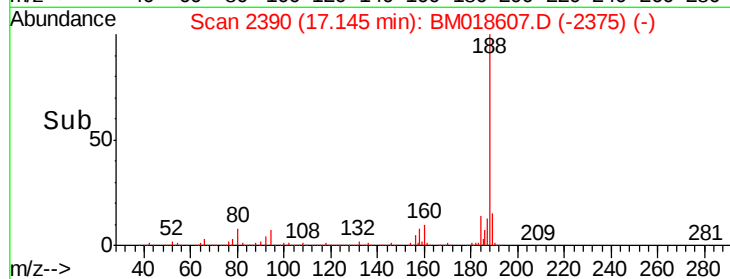
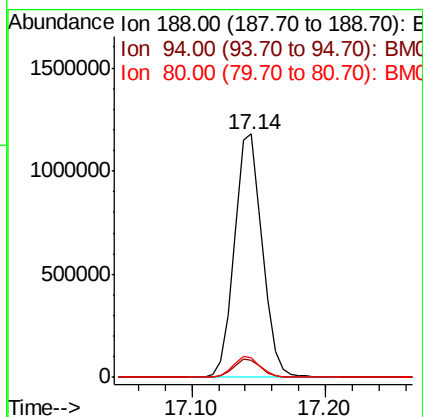
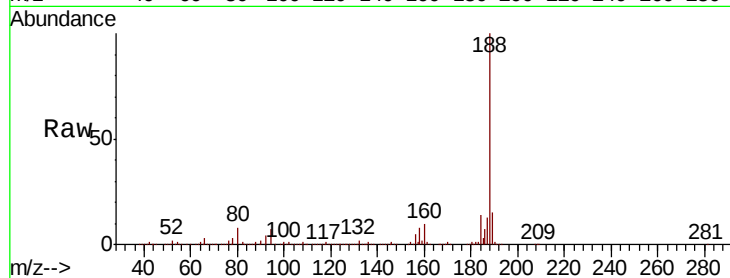




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018607.D
Acq: 17 Jan 2019 06:47

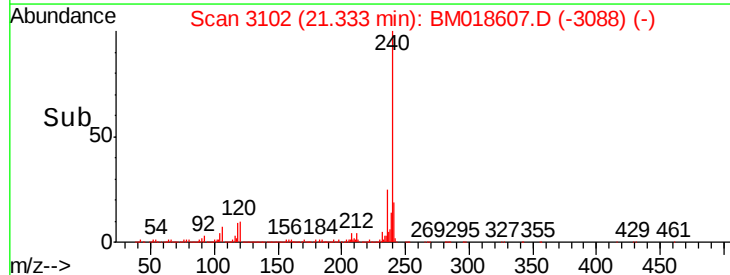
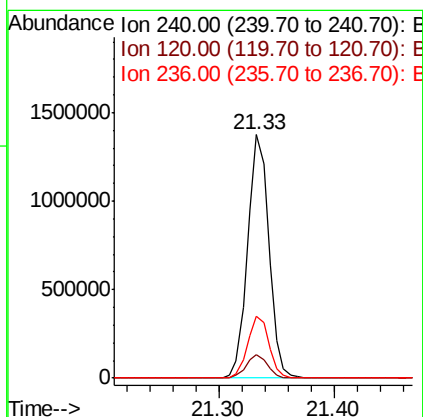
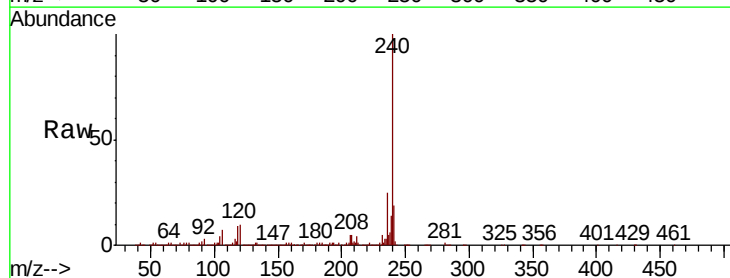
Instrument :
BNA_M
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TP-7

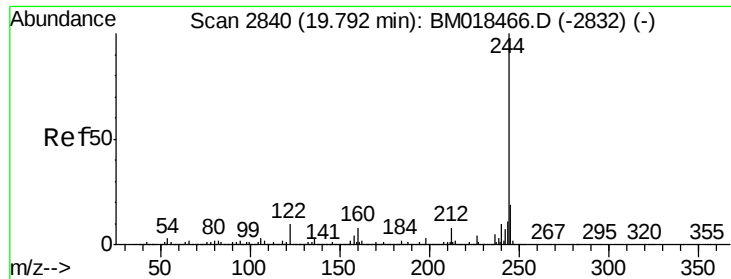
Tgt Ion:188 Resp: 1708955
Ion Ratio Lower Upper
188 100
94 6.8 7.1 10.7#
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018607.D
Acq: 17 Jan 2019 06:47

Tgt Ion:240 Resp: 1767337
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 101.228 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018607.D

Acq: 17 Jan 2019 06:47

Instrument :

BNA_M

ClientSampleId :

TP-7

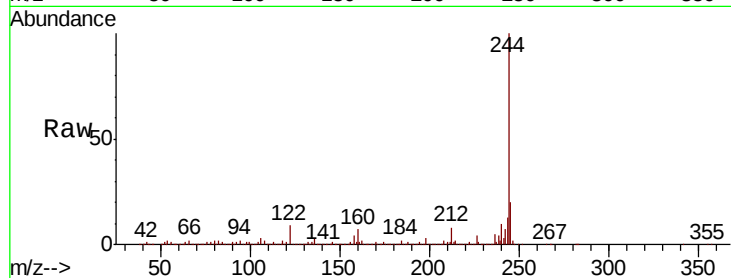
Tgt Ion:244 Resp: 8486772

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

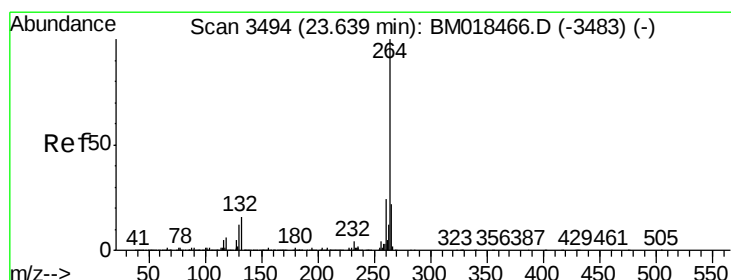
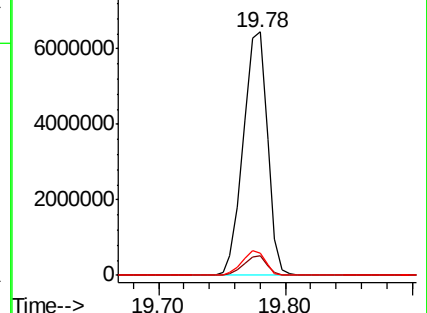
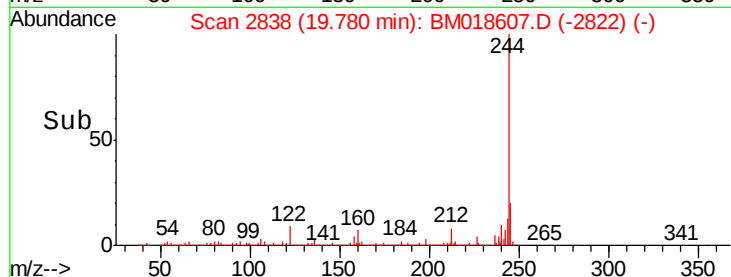
122 9.3 9.0 13.4



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: BM018607.D

Acq: 17 Jan 2019 06:47

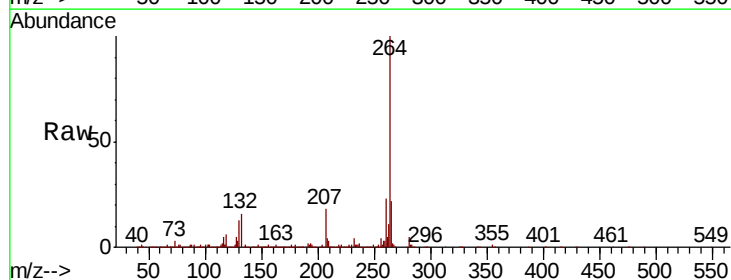
Tgt Ion:264 Resp: 1408864

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.5 16.8 25.2



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

