

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019991.D
 Acq On : 20 Apr 2019 04:16
 Operator : JU/SJ
 Sample : K2201-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-041819-E

Quant Time: Apr 20 06:01:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	114168	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	442086	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	271737	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	637615	20.00	ng	0.00
76) Chrysene-d12	21.16	240	666311	20.00	ng	0.00
87) Perylene-d12	23.34	264	761660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	923342	131.07	ng	0.00
7) Phenol-d6	6.70	99	1092408	103.04	ng	0.00
23) Nitrobenzene-d5	8.68	82	903463	91.39	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	621843	142.16	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1898101	87.05	ng	0.00
79) Terphenyl-d14	19.59	244	3872556	102.51	ng	0.00

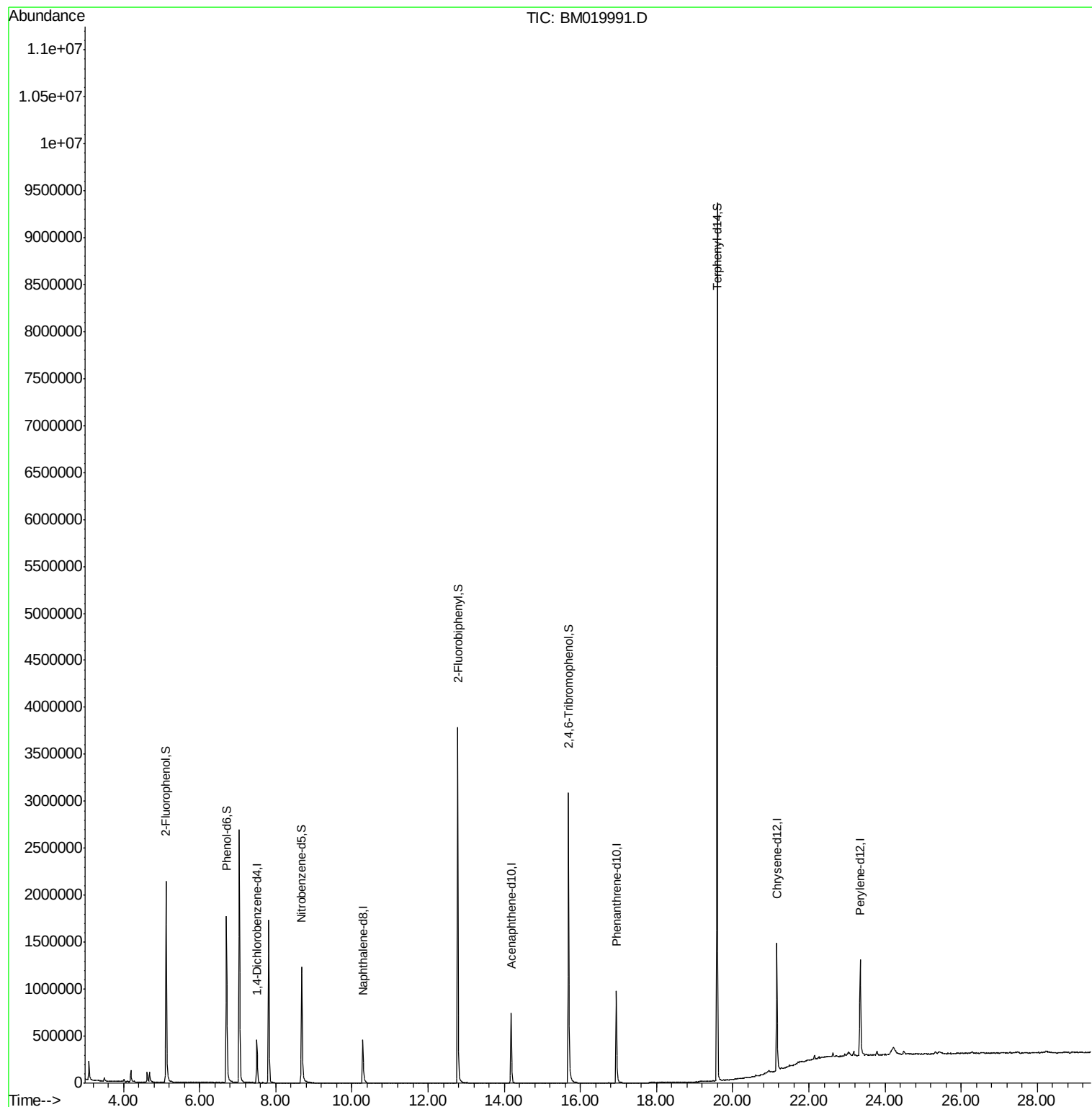
Target Compounds	Qvalue
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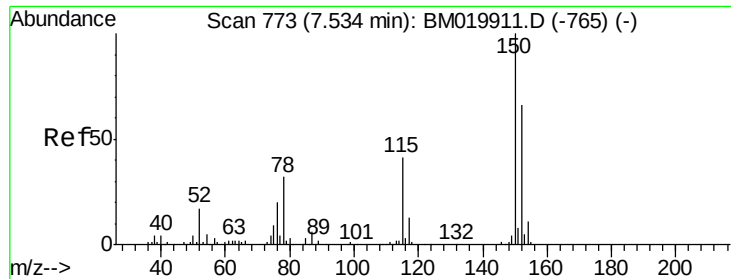
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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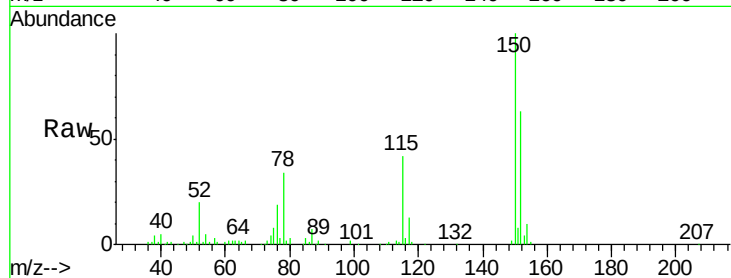


#1

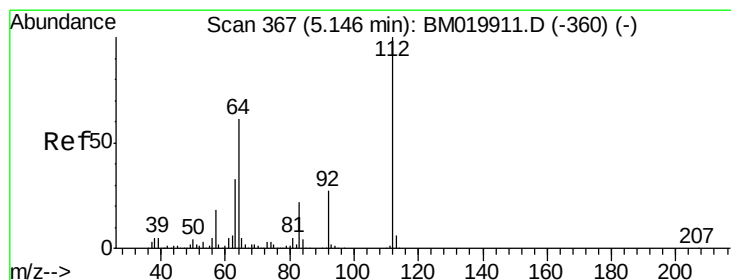
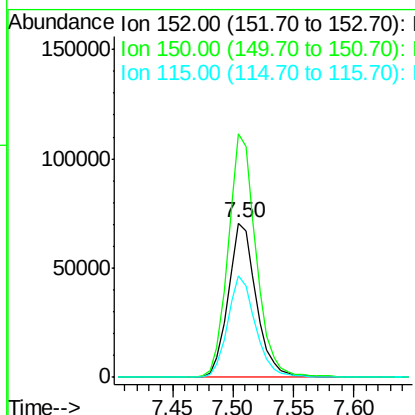
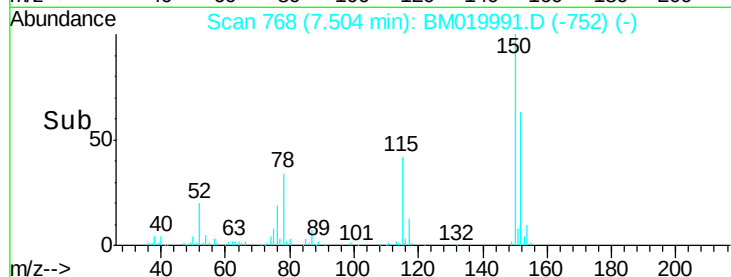
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019991.D
Acq: 20 Apr 2019 04:16

Instrument :
BNA_M
ClientSampleId :
PL-01-041819-E

Tgt Ion:152 Resp: 114168
Ion Ratio Lower Upper
152 100
150 157.6 122.1 183.1
115 65.7 50.0 75.0



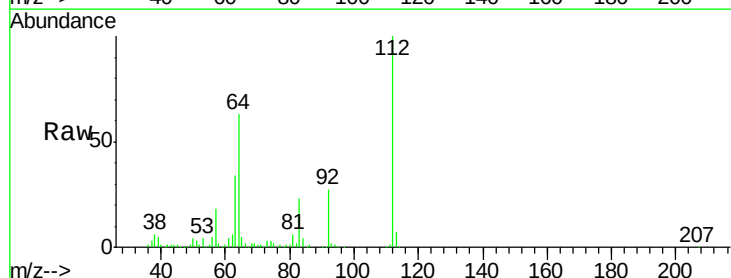
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



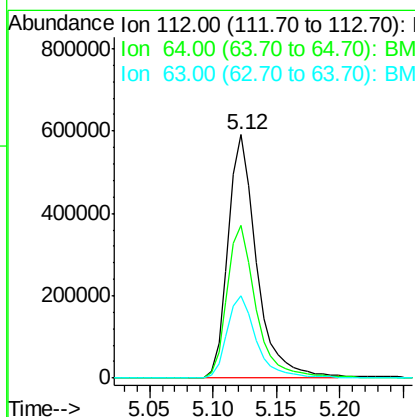
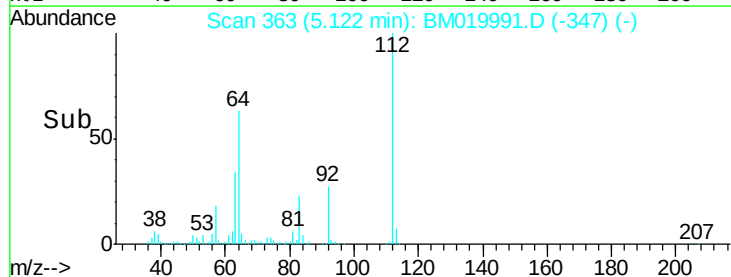
#5

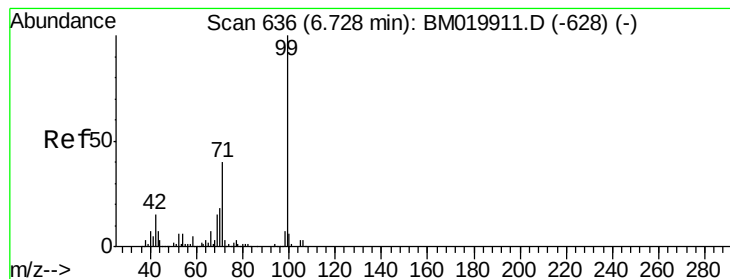
2-Fluorophenol
Concen: 131.071 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019991.D
Acq: 20 Apr 2019 04:16

Tgt Ion:112 Resp: 923342
Ion Ratio Lower Upper
112 100
64 62.8 49.1 73.7
63 34.0 26.5 39.7



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: 103.038 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019991.D

Acq: 20 Apr 2019 04:16

Instrument :

BNA_M

ClientSampleId :

PL-01-041819-E

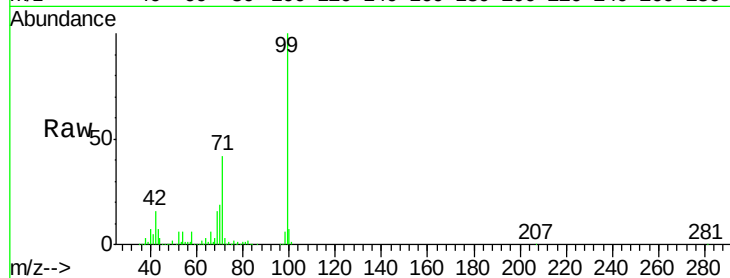
Tgt Ion: 99 Resp: 1092408

Ion Ratio Lower Upper

99 100

42 15.5 11.8 17.8

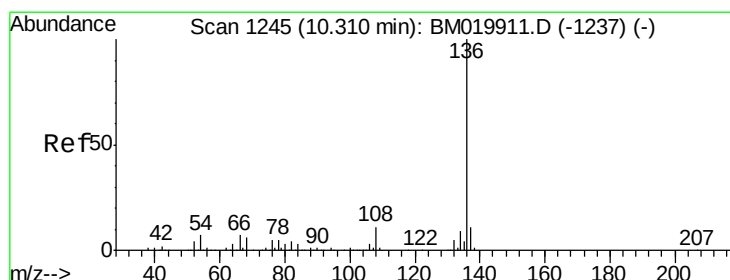
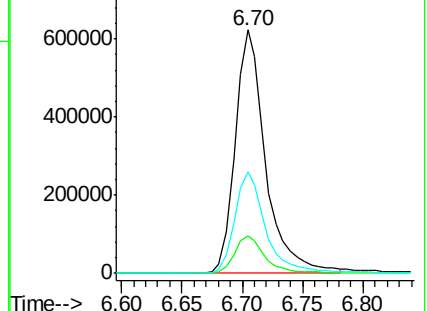
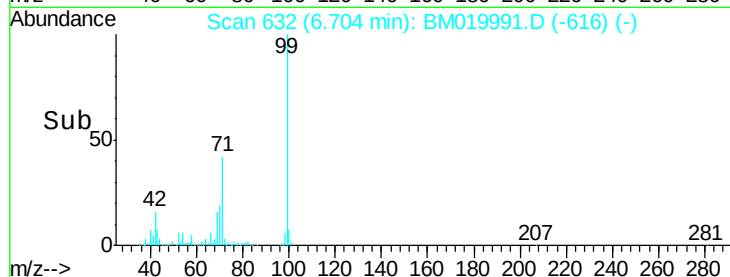
71 41.7 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019991.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019991.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019991.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BM019991.D

Acq: 20 Apr 2019 04:16

Tgt Ion: 136 Resp: 442086

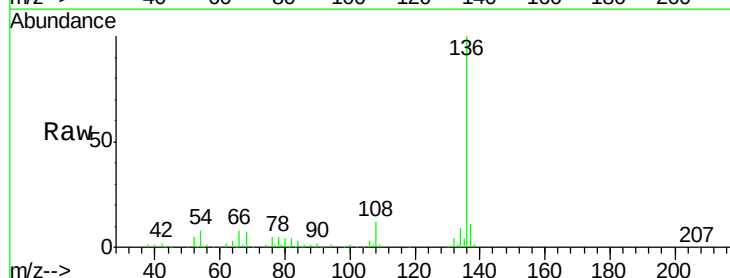
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.7 5.3 7.9

68 7.1 5.2 7.8

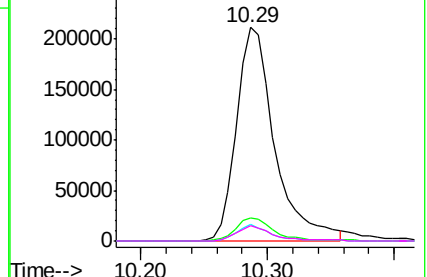
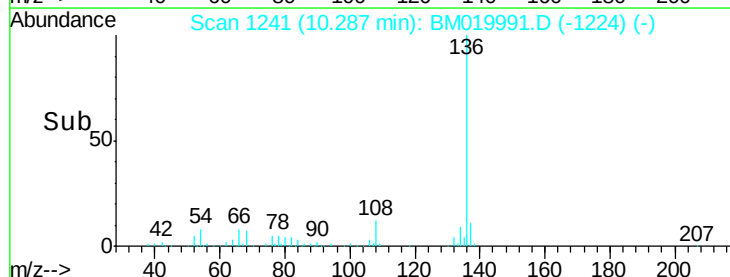


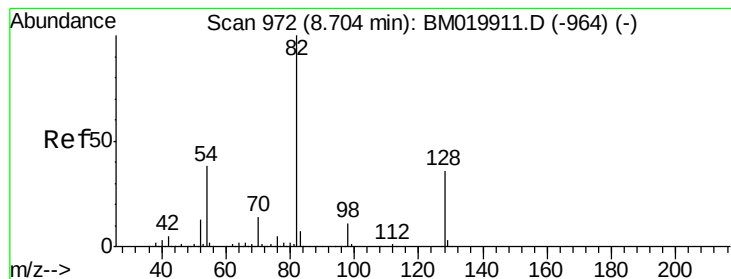
Abundance Ion 136.00 (135.70 to 136.70): BM019991.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019991.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019991.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019991.D (-1224) (-)





#23

Nitrobenzene-d5

Concen: 91.394 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM019991.D

Acq: 20 Apr 2019 04:16

Instrument :

BNA_M

ClientSampleId :

PL-01-041819-E

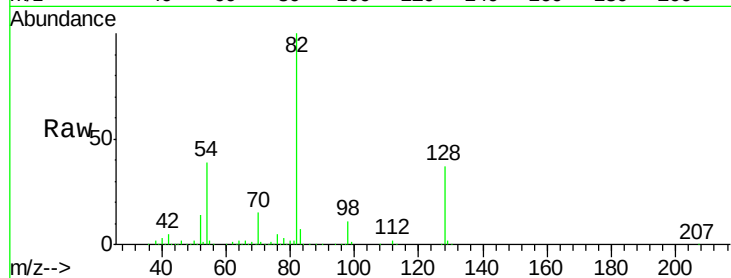
Tgt Ion: 82 Resp: 903463

Ion Ratio Lower Upper

82 100

128 36.6 29.0 43.4

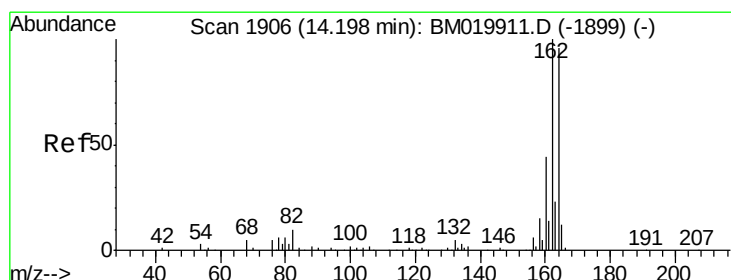
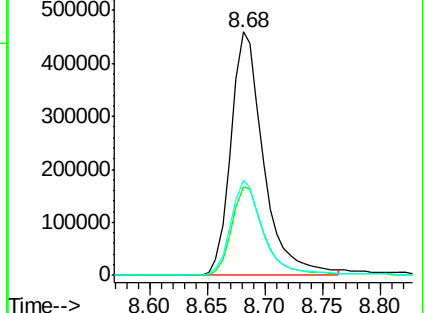
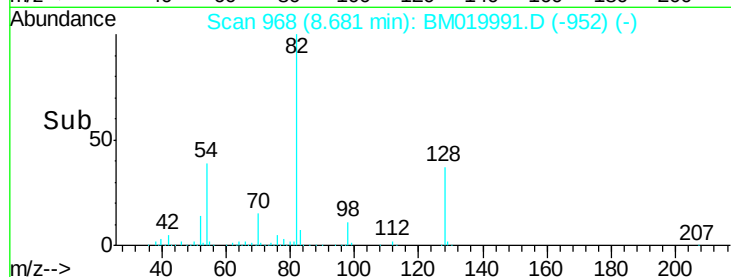
54 39.1 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019991.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM019991.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM019991.D (-952) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BM019991.D

Acq: 20 Apr 2019 04:16

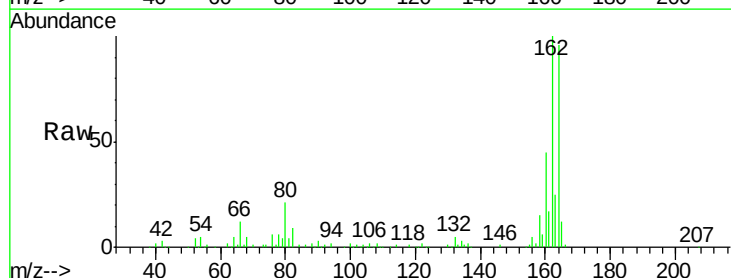
Tgt Ion: 164 Resp: 271737

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.4

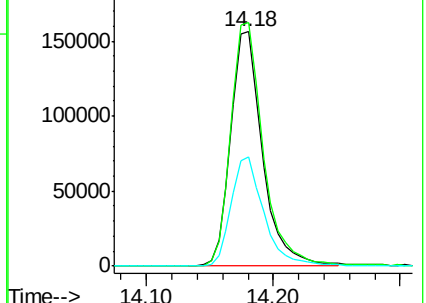
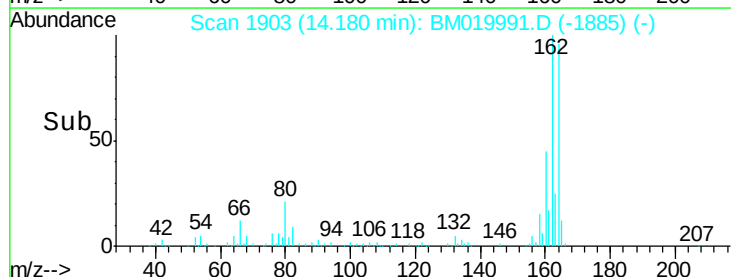
160 46.5 36.6 55.0

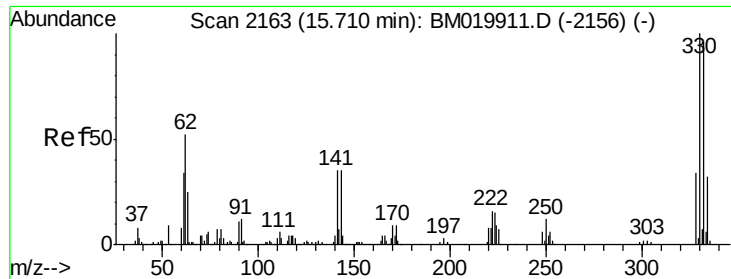


Abundance Ion 164.00 (163.70 to 164.70): BM019991.D (-1885) (-)

Ion 162.00 (161.70 to 162.70): BM019991.D (-1885) (-)

Ion 160.00 (159.70 to 160.70): BM019991.D (-1885) (-)

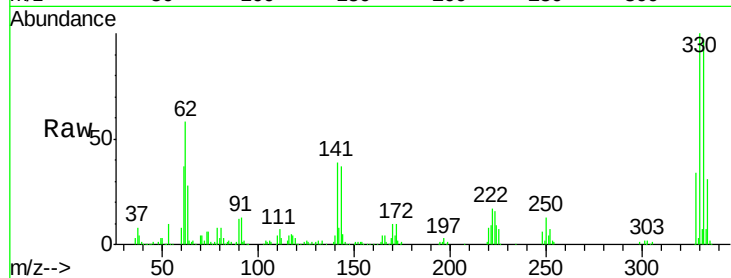




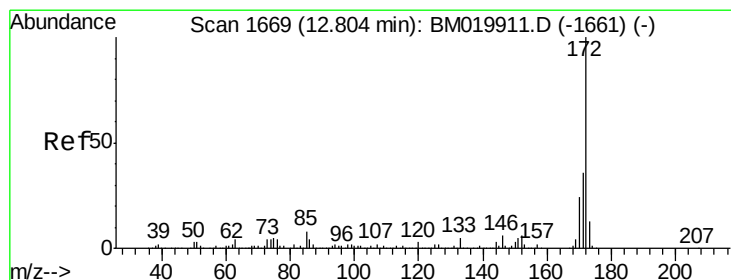
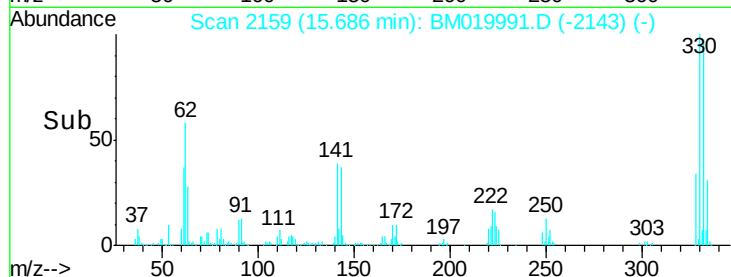
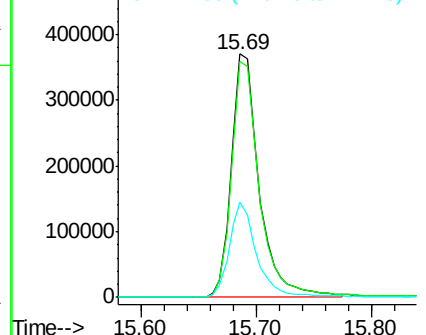
#42
 2,4,6-Tribromophenol
 Concen: 142.161 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM019991.D
 Acq: 20 Apr 2019 04:16

Instrument :
 BNA_M
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 PL-01-041819-E

Tgt Ion:330 Resp: 621843
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.9 29.0 43.4

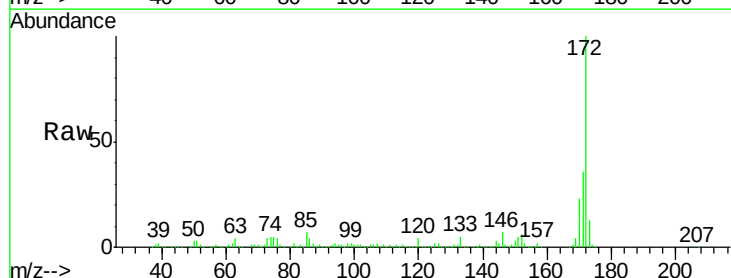


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

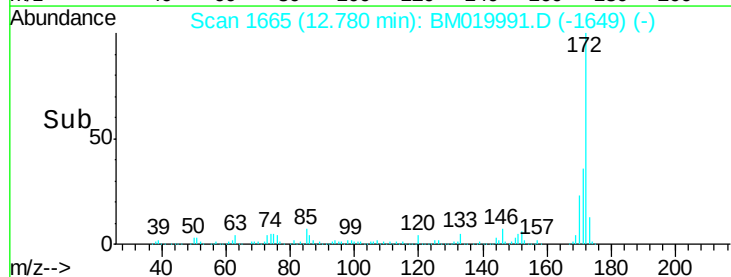
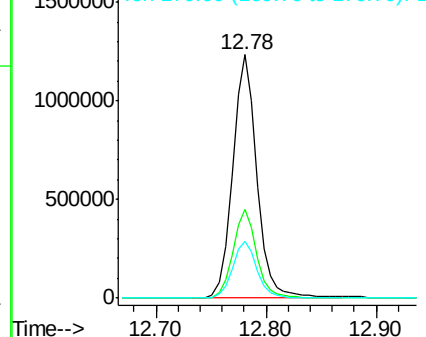


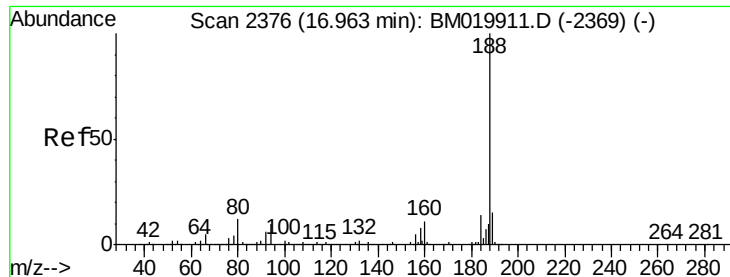
#45
 2-Fluorobiphenyl
 Concen: 87.050 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019991.D
 Acq: 20 Apr 2019 04:16

Tgt Ion:172 Resp: 1898101
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.5 19.0 28.4



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

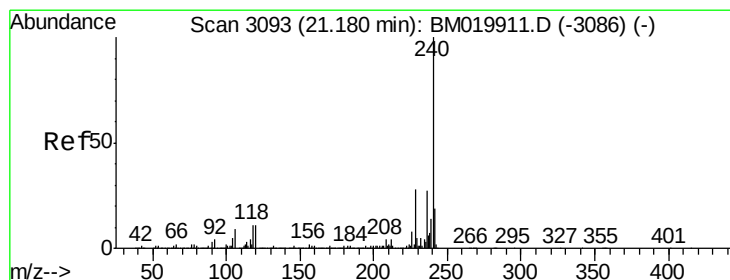
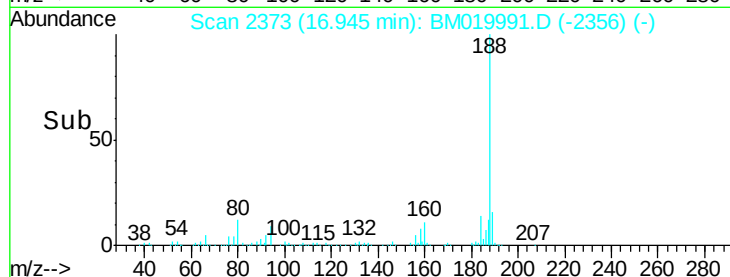
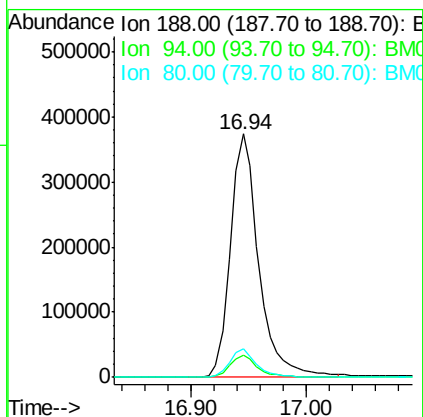
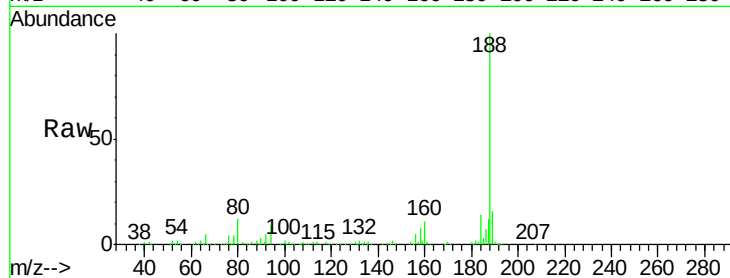




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM019991.D
Acq: 20 Apr 2019 04:16

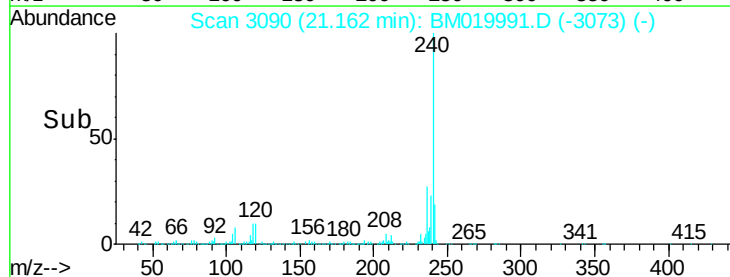
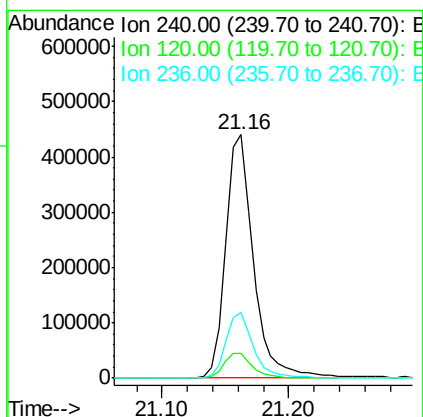
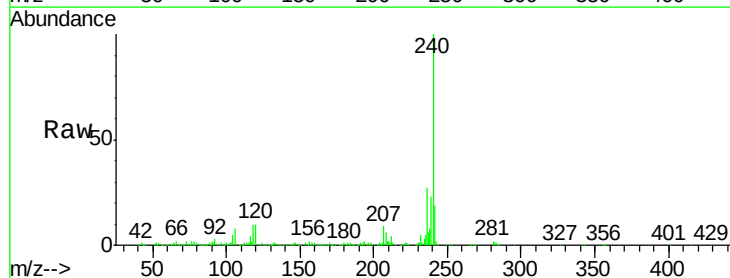
Instrument :
BNA_M
ClientSampleId :
PL-01-041819-E

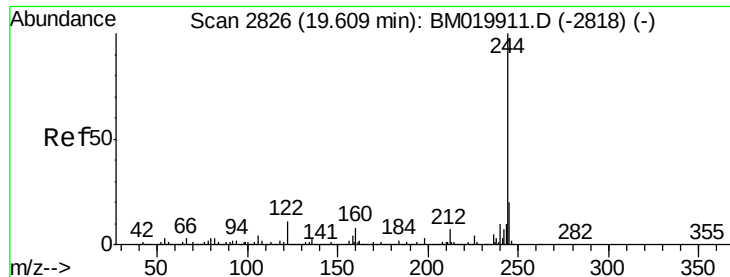
Tgt Ion:188 Resp: 637615
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 11.6 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM019991.D
Acq: 20 Apr 2019 04:16

Tgt Ion:240 Resp: 666311
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 102.512 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM019991.D

Acq: 20 Apr 2019 04:16

Instrument :

BNA_M

ClientSampleId :

PL-01-041819-E

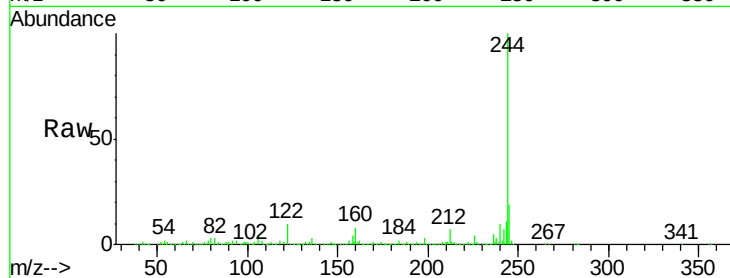
Tgt Ion:244 Resp: 3872556

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

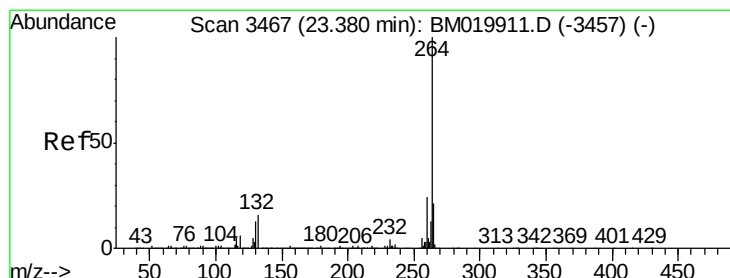
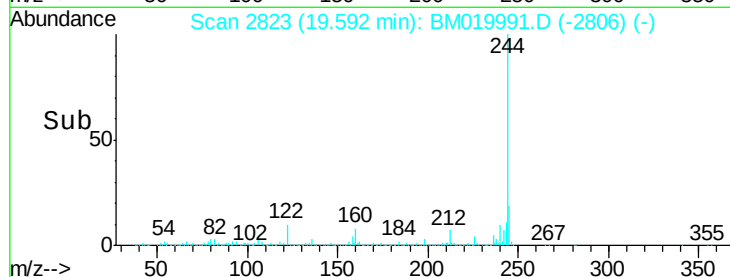
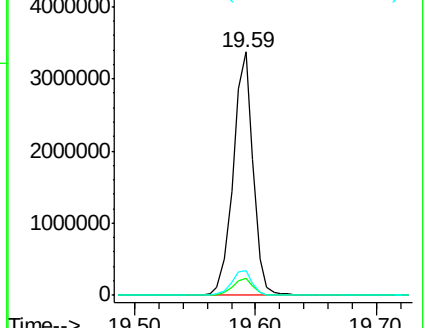
122 10.1 9.1 13.7



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: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM019991.D

Acq: 20 Apr 2019 04:16

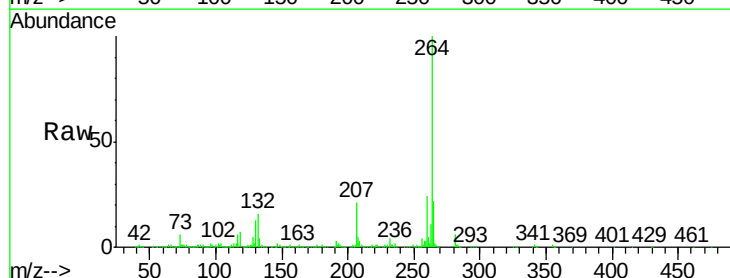
Tgt Ion:264 Resp: 761660

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 17.2 25.8



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

