

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
 Data File : BM019941.D
 Acq On : 17 Apr 2019 16:48
 Operator : JU/SJ
 Sample : K2197-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-041619-B

Quant Time: Apr 17 18:09:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	138611	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	512786	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	264615	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	490735	20.00	ng	0.00
76) Chrysene-d12	21.17	240	470648	20.00	ng	0.00
87) Perylene-d12	23.37	264	608554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	979504	114.52	ng	0.00
7) Phenol-d6	6.72	99	1138806	88.47	ng	0.00
23) Nitrobenzene-d5	8.70	82	958311	83.58	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	430910	101.16	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1790002	84.30	ng	0.00
79) Terphenyl-d14	19.60	244	2218953	83.16	ng	0.00

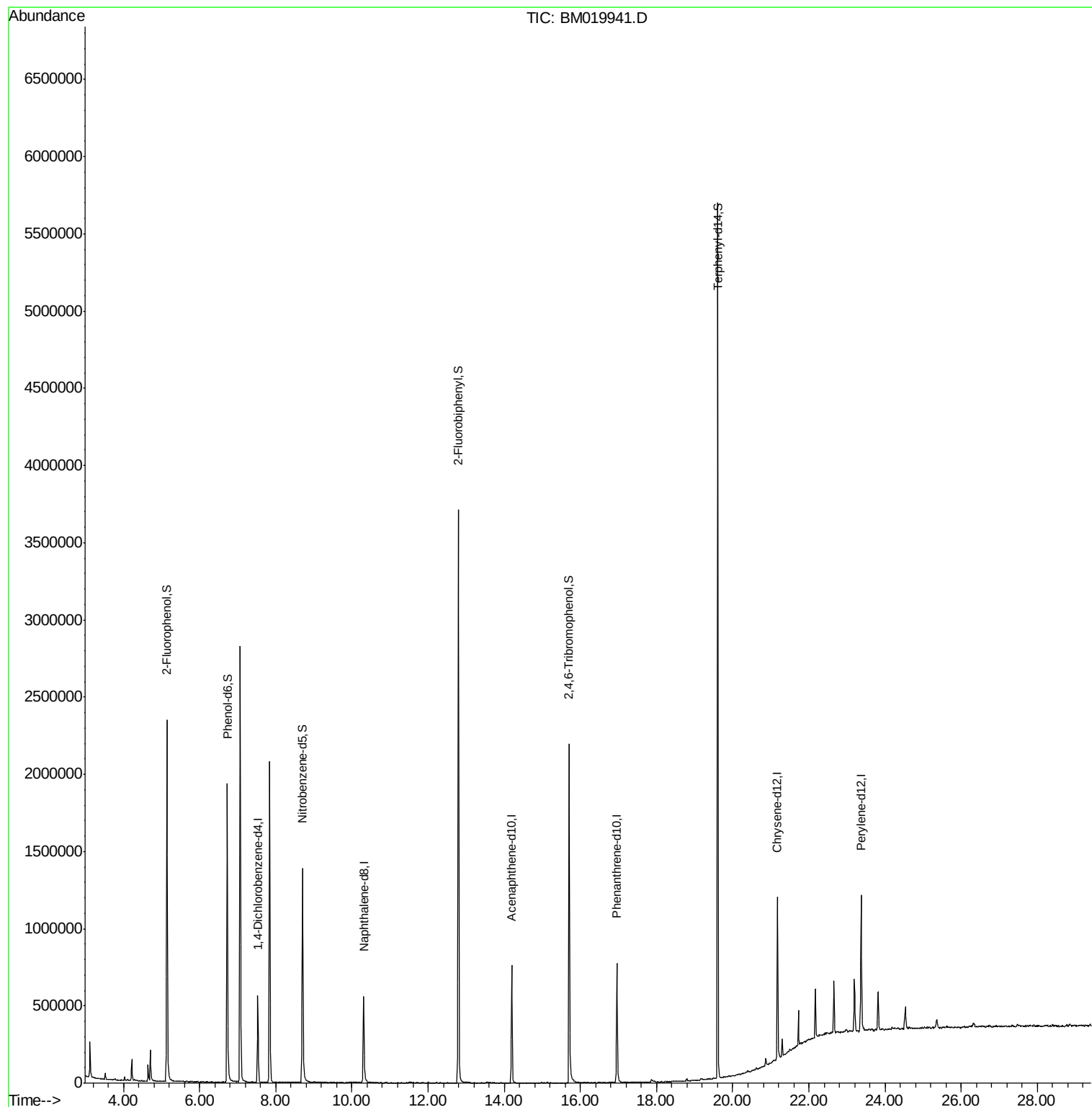
Target Compounds	Qvalue
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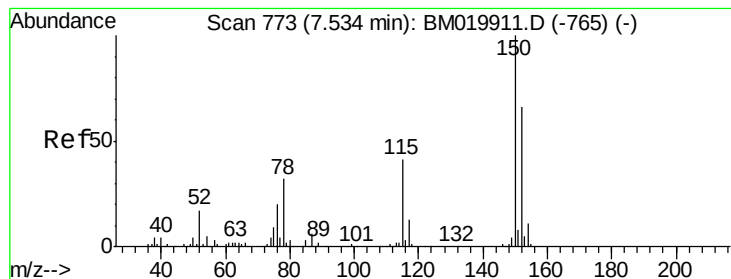
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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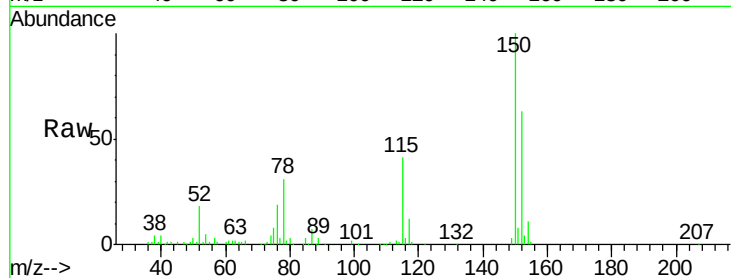


#1

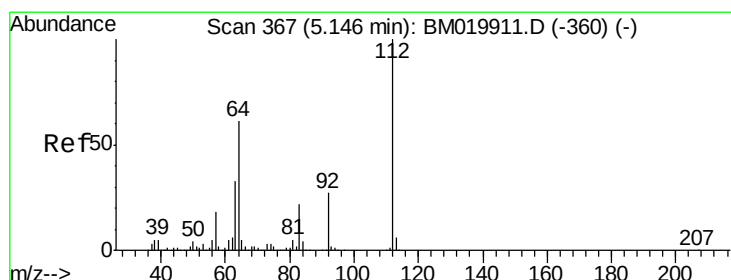
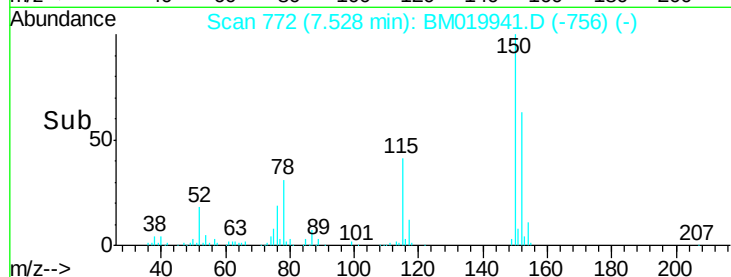
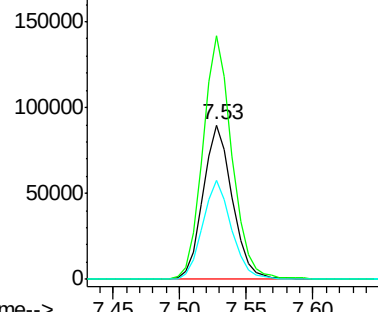
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019941.D
Acq: 17 Apr 2019 16:48

Instrument :
BNA_M
ClientSampleId :
CL-01-041619-B

Tgt Ion:152 Resp: 138611
Ion Ratio Lower Upper
152 100
150 157.9 122.1 183.1
115 64.0 50.0 75.0



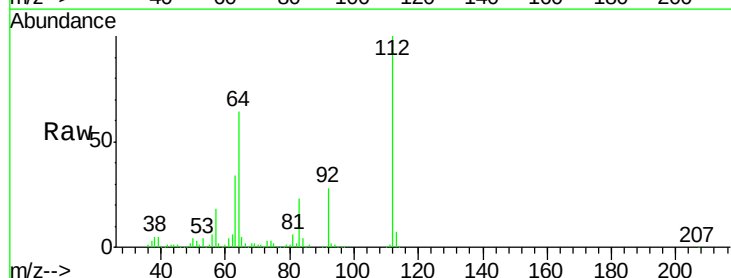
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



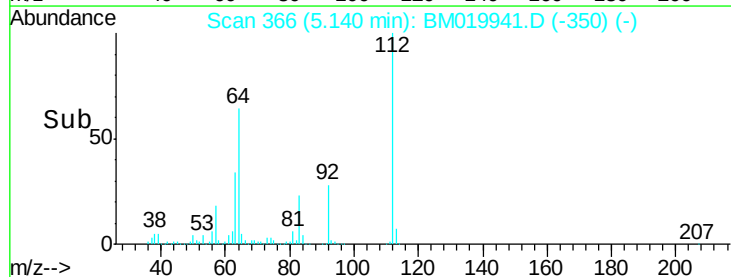
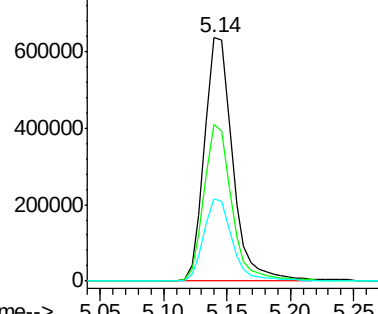
#5

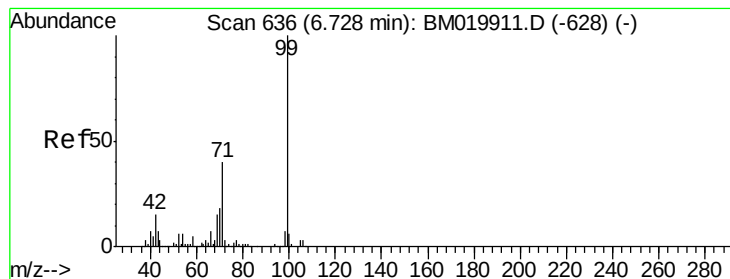
2-Fluorophenol
Concen: 114.524 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019941.D
Acq: 17 Apr 2019 16:48

Tgt Ion:112 Resp: 979504
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 33.9 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: 88.473 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

Instrument :

BNA_M

ClientSampleId :

CL-01-041619-B

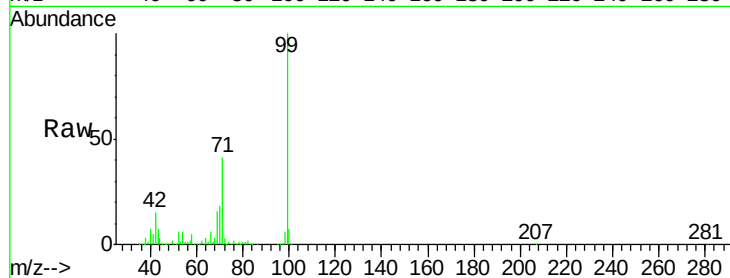
Tgt Ion: 99 Resp: 1138806

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

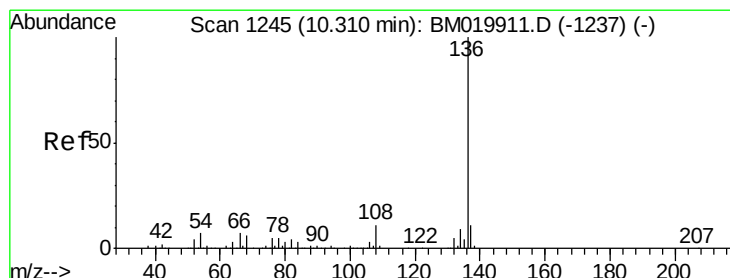
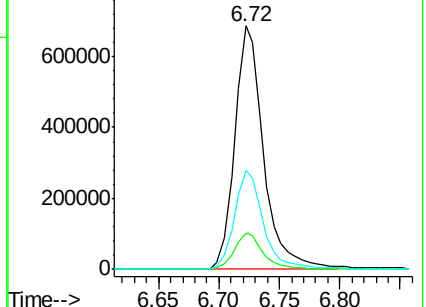
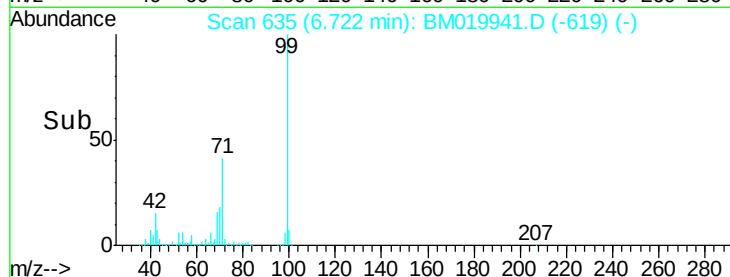
71 40.7 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019941.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019941.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019941.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

Tgt Ion: 136 Resp: 512786

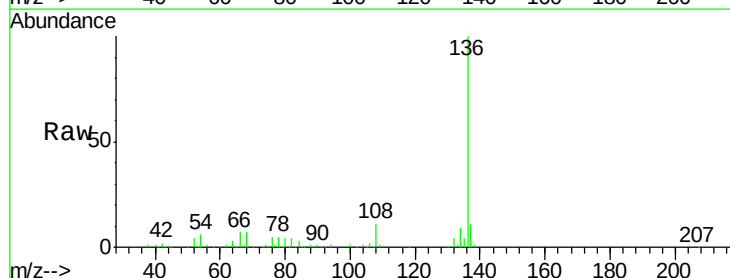
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.0 5.3 7.9

68 6.7 5.2 7.8

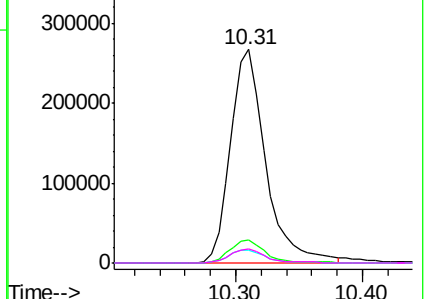
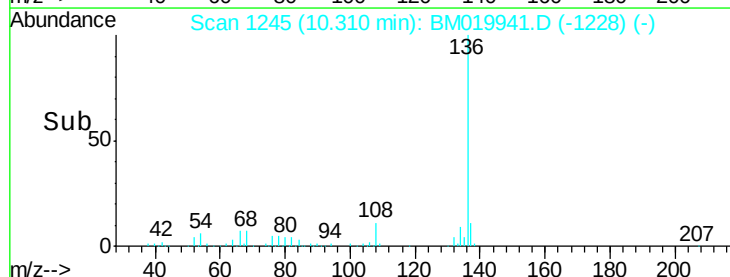


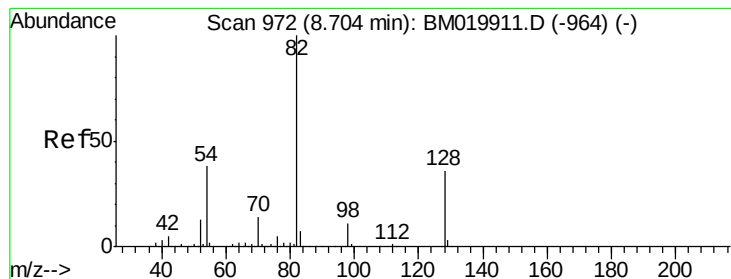
Abundance Ion 136.00 (135.70 to 136.70): BM019941.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019941.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019941.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019941.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 83.576 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

Instrument :

BNA_M

ClientSampleId :

CL-01-041619-B

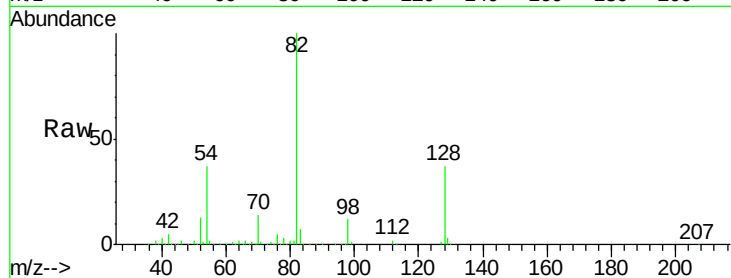
Tgt Ion: 82 Resp: 958311

Ion Ratio Lower Upper

82 100

128 37.3 29.0 43.4

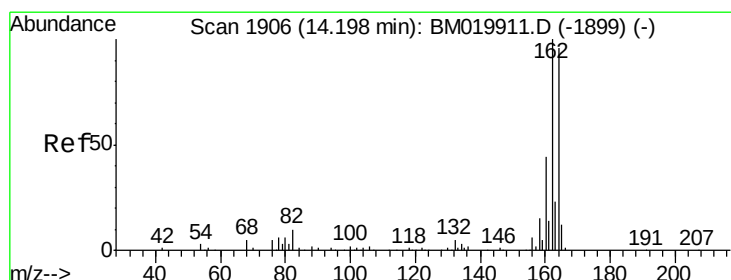
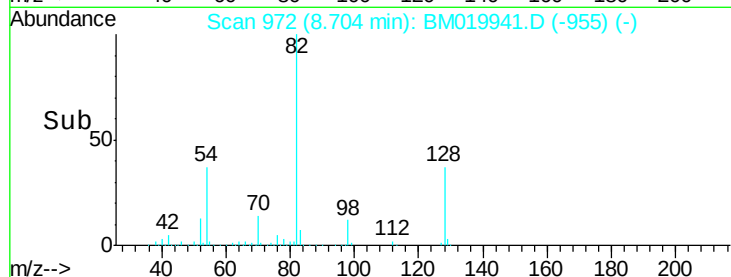
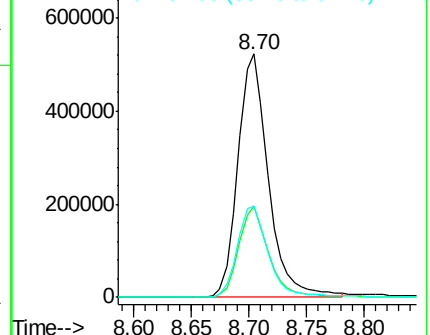
54 37.4 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019941.D (-955) (-)

Ion 128.00 (127.70 to 128.70): BM019941.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM019941.D (-955) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

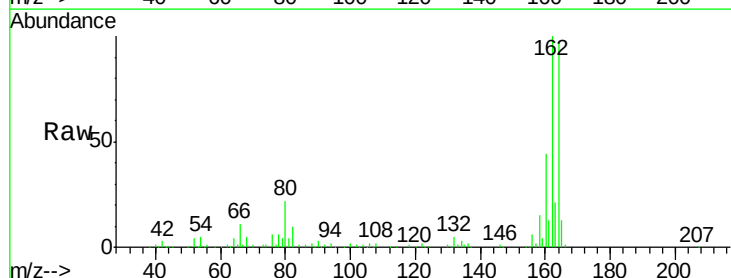
Tgt Ion: 164 Resp: 264615

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.4

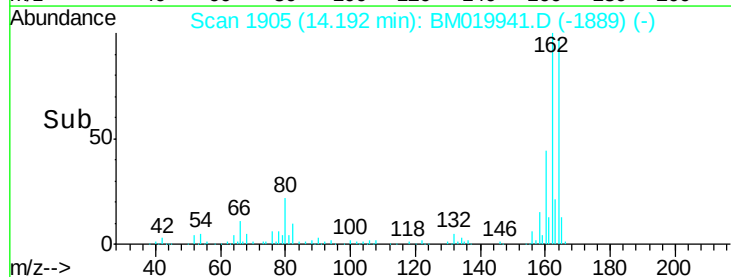
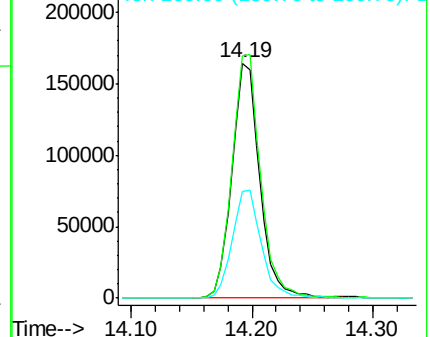
160 45.3 36.6 55.0

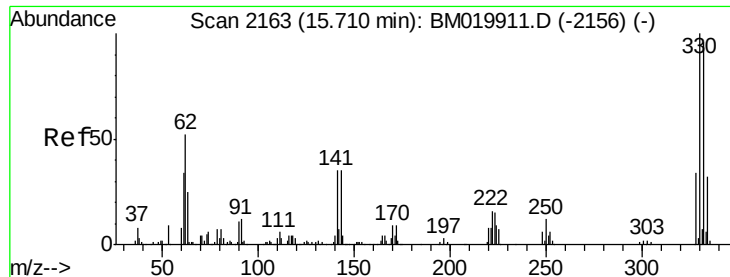


Abundance Ion 164.00 (163.70 to 164.70): BM019941.D (-1889) (-)

Ion 162.00 (161.70 to 162.70): BM019941.D (-1889) (-)

Ion 160.00 (159.70 to 160.70): BM019941.D (-1889) (-)

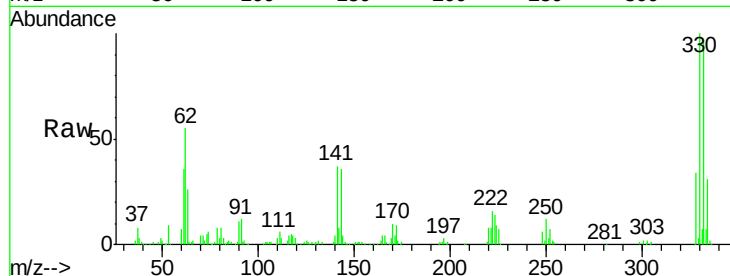




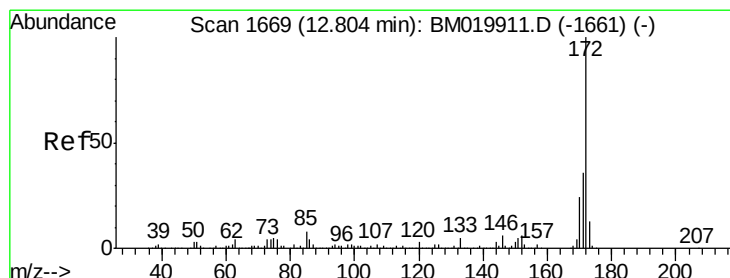
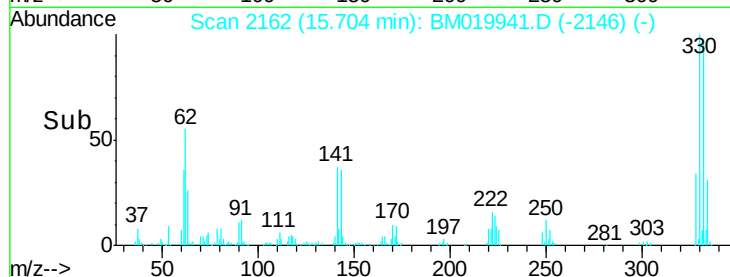
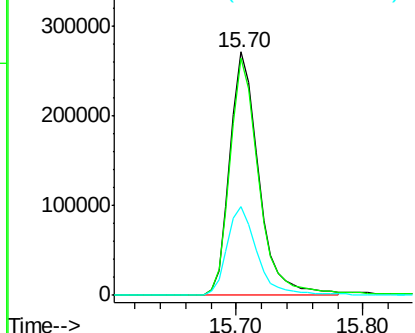
#42
 2,4,6-Tribromophenol
 Concen: 101.163 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Instrument :
 BNA_M
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 CL-01-041619-B

Tgt Ion:330 Resp: 430910
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.5 29.0 43.4

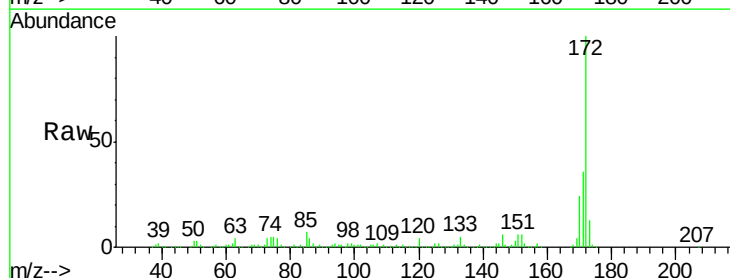


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

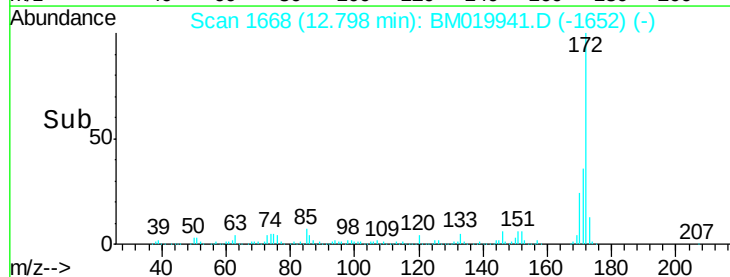
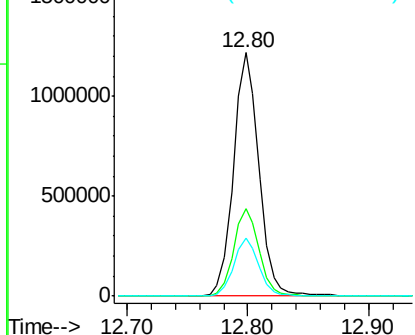


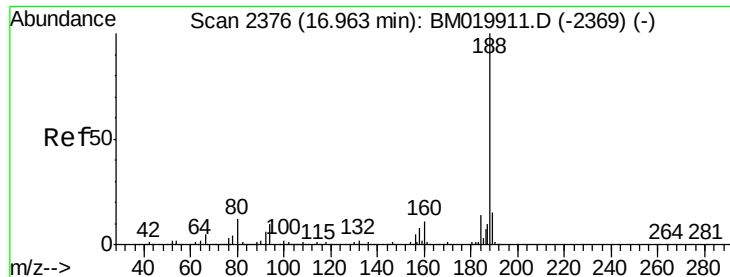
#45
 2-Fluorobiphenyl
 Concen: 84.302 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Tgt Ion:172 Resp: 1790002
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.9 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: 16.96 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

Instrument :

BNA_M

ClientSampleId :

CL-01-041619-B

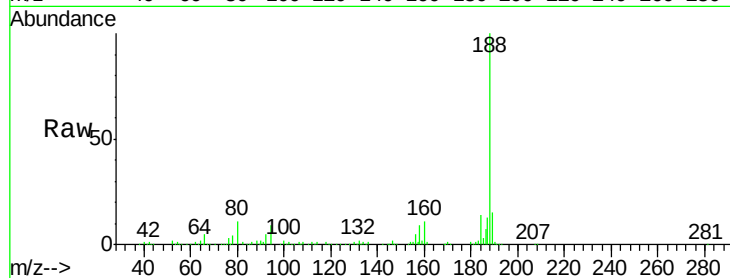
Tgt Ion:188 Resp: 490735

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 11.2 9.4 14.0

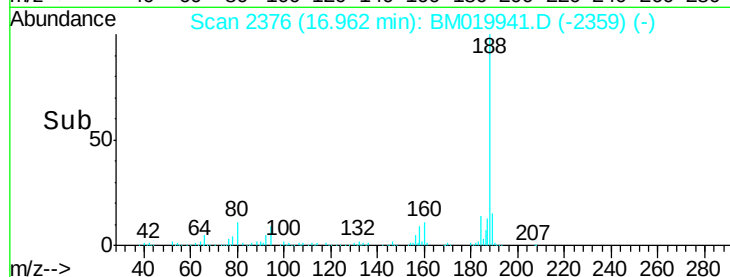


Abundance Ion 188.00 (187.70 to 188.70): E

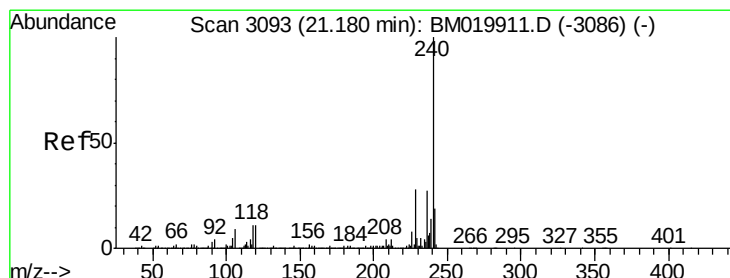
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.96



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019941.D

Acq: 17 Apr 2019 16:48

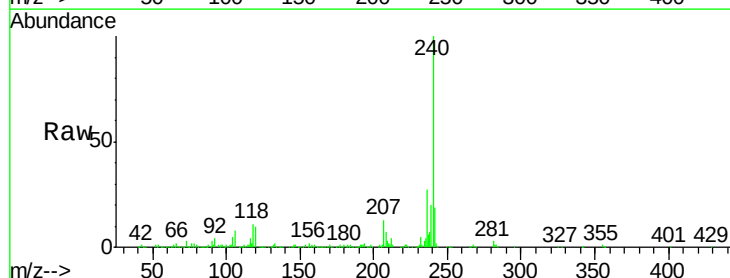
Tgt Ion:240 Resp: 470648

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 26.8 21.4 32.2

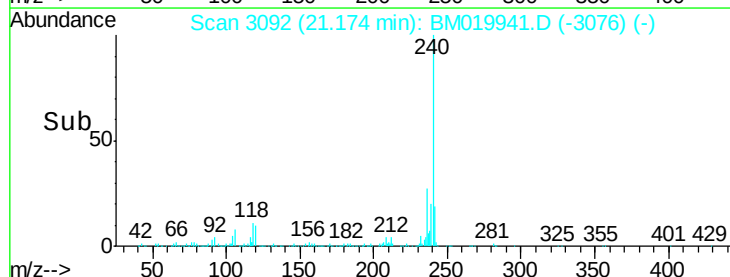


Abundance Ion 240.00 (239.70 to 240.70): E

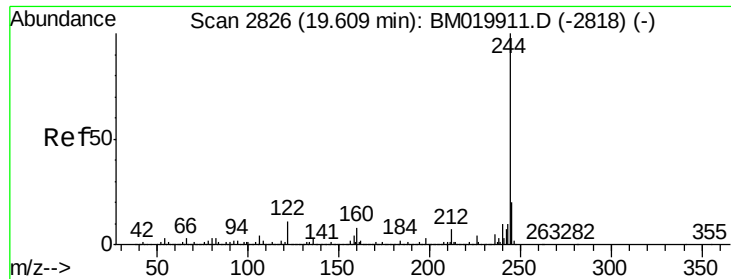
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.17



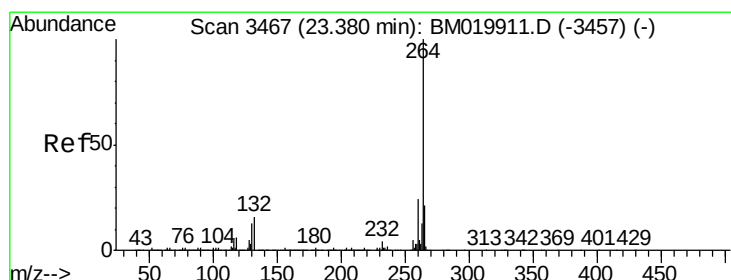
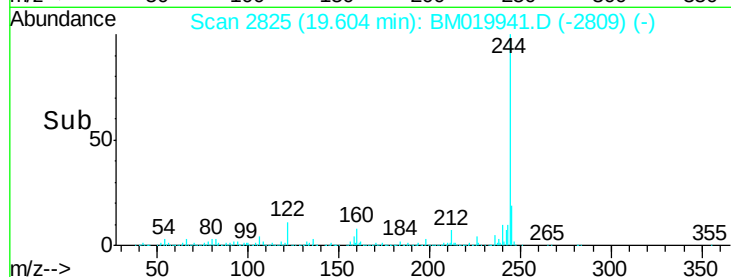
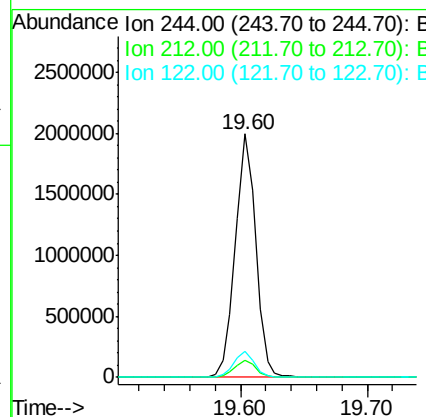
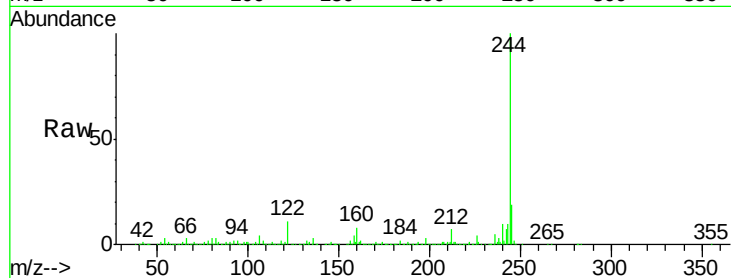
Time-->



#79
 Terphenyl-d14
 Concen: 83.159 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Instrument :
 BNA_M
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Tgt Ion:244 Resp: 2218953
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.7 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.37 min Scan# 3466
 Delta R.T. -0.01 min
 Lab File: BM019941.D
 Acq: 17 Apr 2019 16:48

Tgt Ion:264 Resp: 608554
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.2 25.8

