

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
 Data File : BM019938.D
 Acq On : 17 Apr 2019 14:58
 Operator : JU/SJ
 Sample : K2203-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-A

Quant Time: Apr 18 05:50:13 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	144094	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	527304	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	260394	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	483522	20.00	ng	0.00
76) Chrysene-d12	21.17	240	444649	20.00	ng	0.00
87) Perylene-d12	23.37	264	593588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1049009	117.98	ng	0.00
7) Phenol-d6	6.72	99	1207134	90.21	ng	0.00
23) Nitrobenzene-d5	8.70	82	994890	84.38	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	426758	101.81	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1852816	88.67	ng	0.00
79) Terphenyl-d14	19.60	244	2138412	84.83	ng	0.00

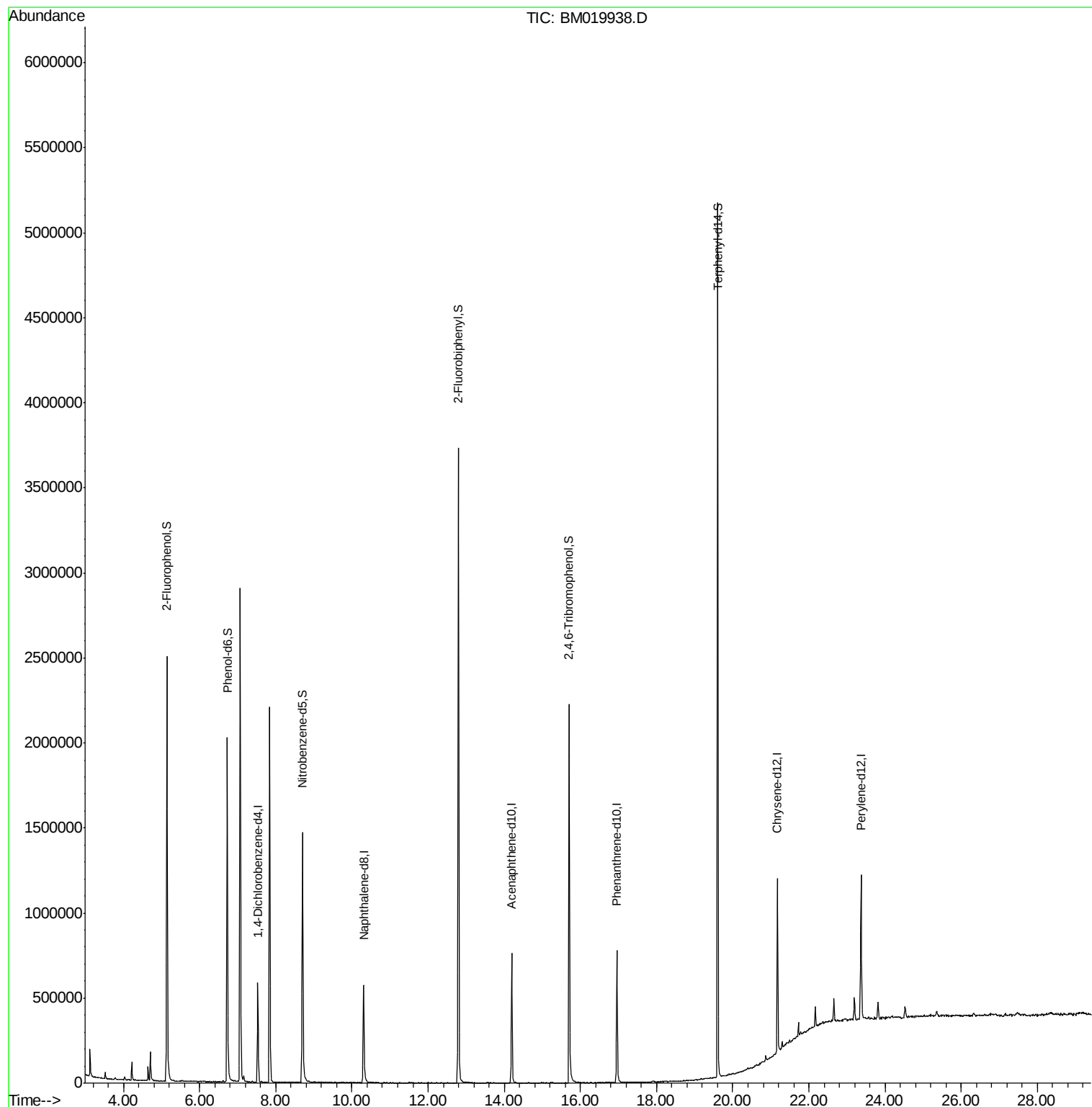
Target Compounds	Qvalue
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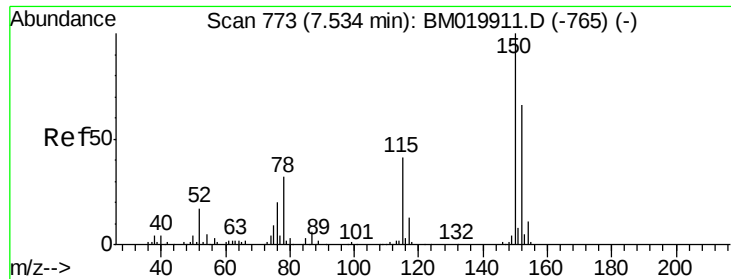
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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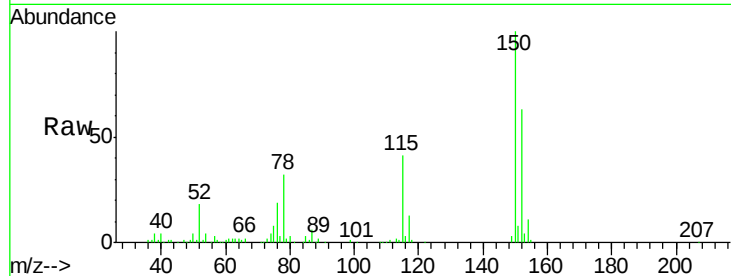


#1

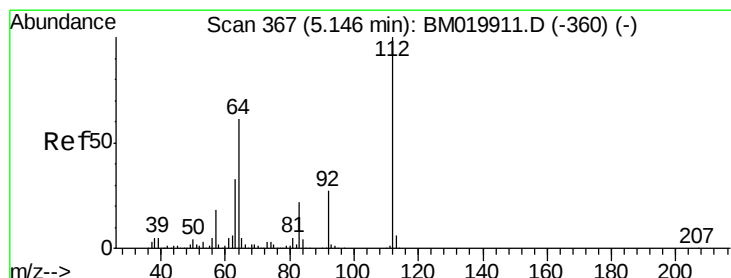
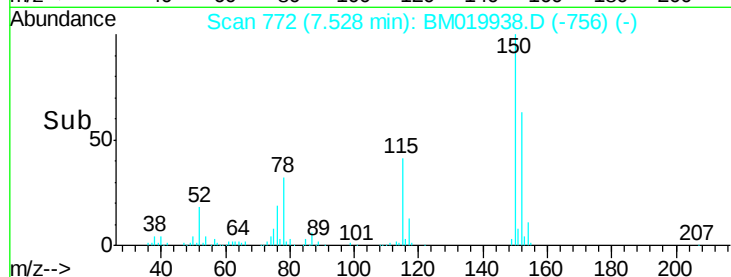
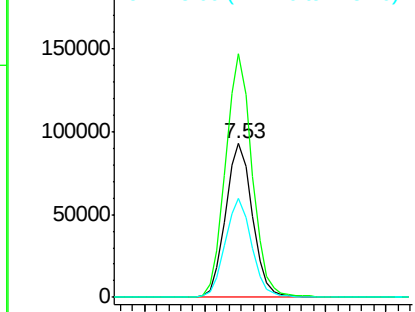
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019938.D
Acq: 17 Apr 2019 14:58

Instrument :
BNA_M
ClientSampleId :
SU-01-041519-A

Tgt Ion:152 Resp: 144094
Ion Ratio Lower Upper
152 100
150 158.3 122.1 183.1
115 64.4 50.0 75.0



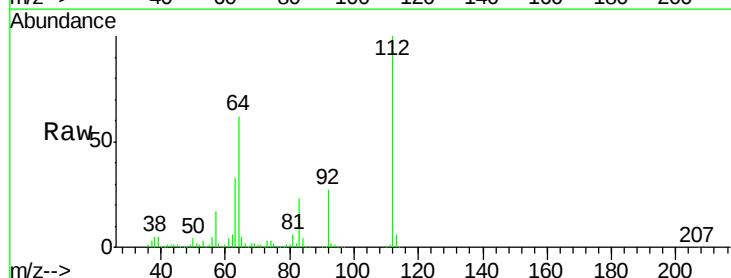
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



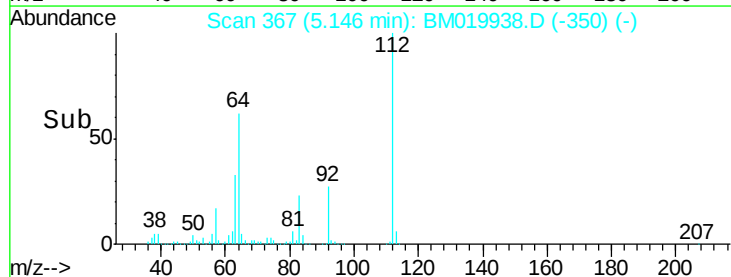
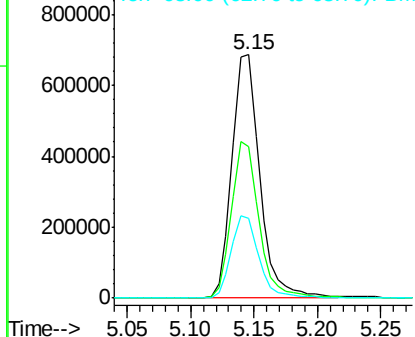
#5

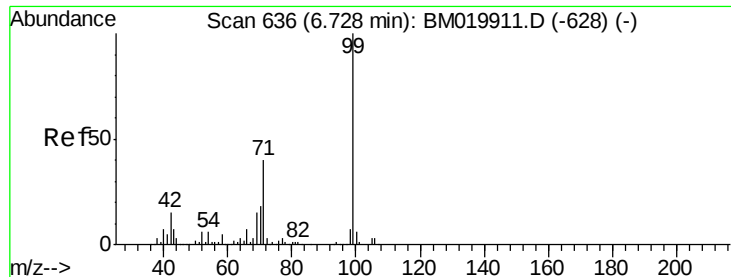
2-Fluorophenol
Concen: 117.984 ng
RT: 5.15 min Scan# 367
Delta R.T. 0.00 min
Lab File: BM019938.D
Acq: 17 Apr 2019 14:58

Tgt Ion:112 Resp: 1049009
Ion Ratio Lower Upper
112 100
64 62.0 49.1 73.7
63 32.8 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: 90.212 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019938.D

Acq: 17 Apr 2019 14:58

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-A

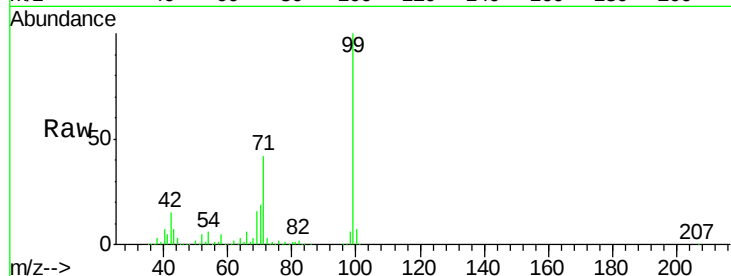
Tgt Ion: 99 Resp: 1207134

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

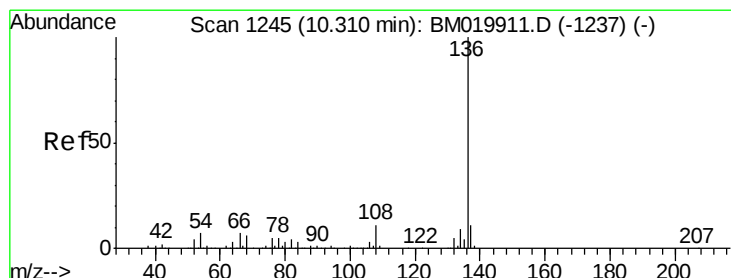
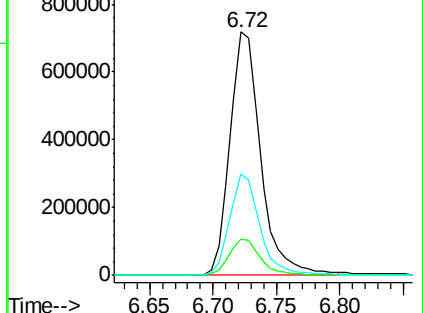
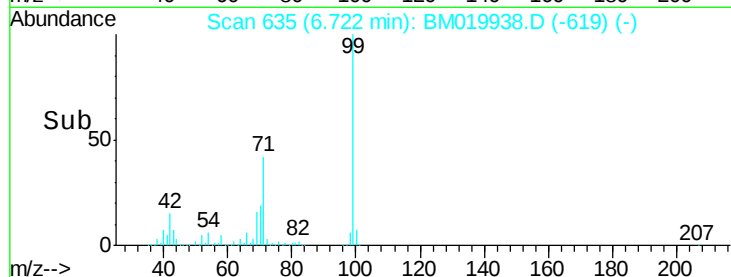
71 41.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019938.D

Acq: 17 Apr 2019 14:58

Tgt Ion: 136 Resp: 527304

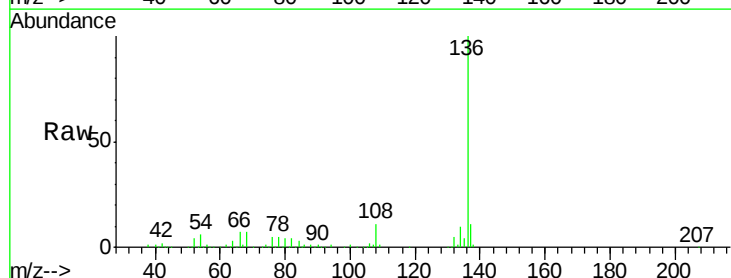
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.4 5.3 7.9

68 6.6 5.2 7.8

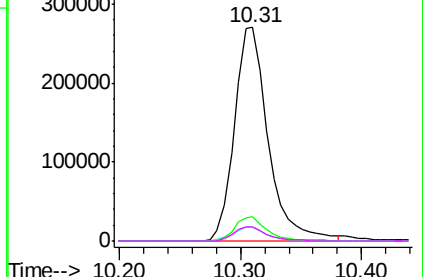
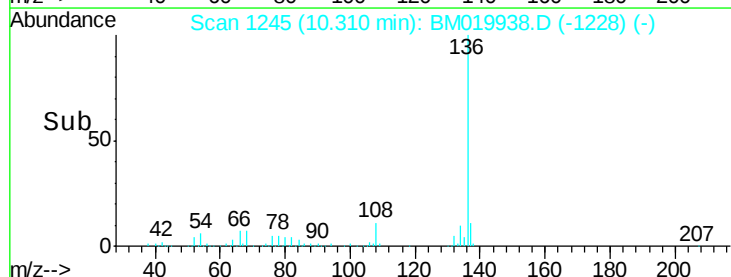


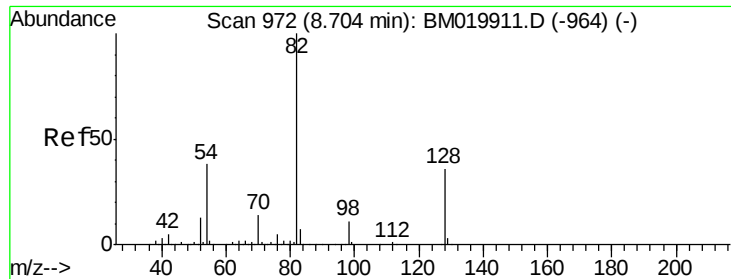
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

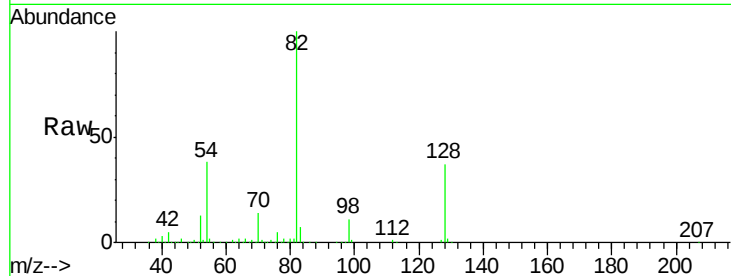




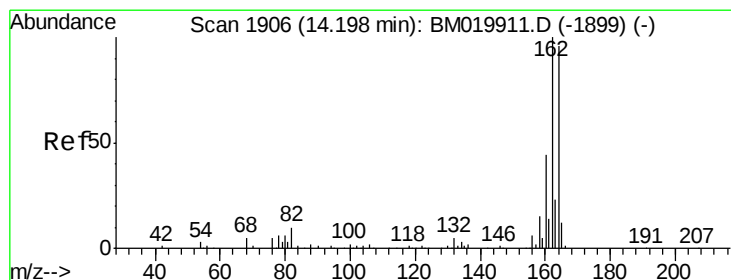
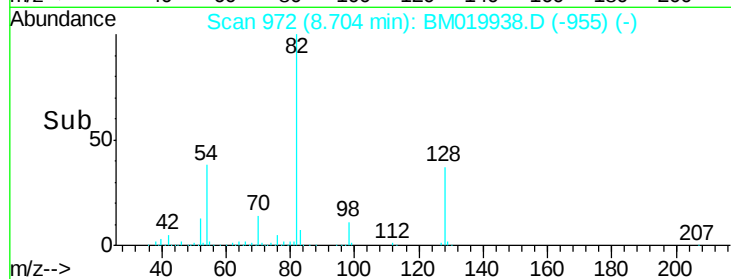
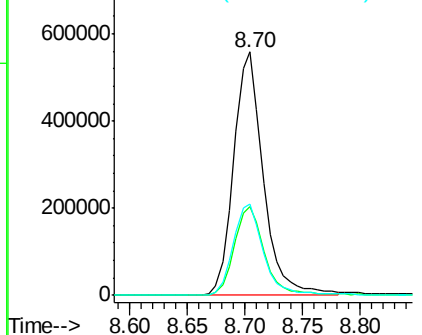
#23
 Nitrobenzene-d5
 Concen: 84.378 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019938.D
 Acq: 17 Apr 2019 14:58

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.0	43.4
54	37.6	30.2	45.4

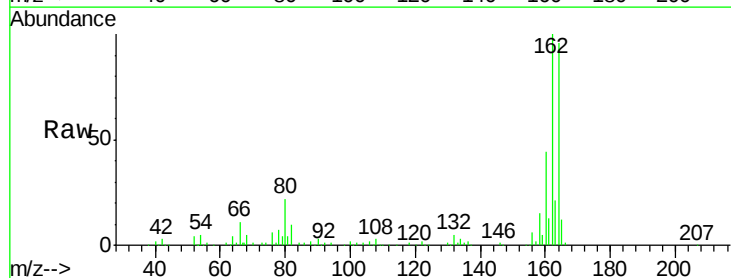


Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

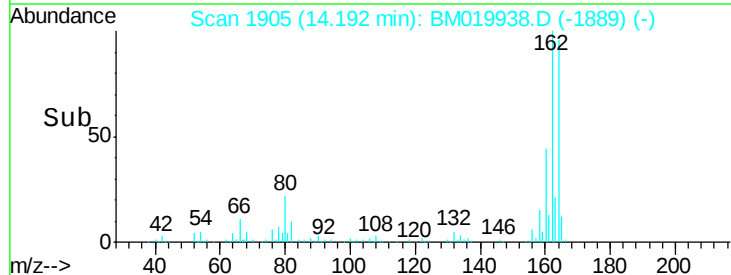
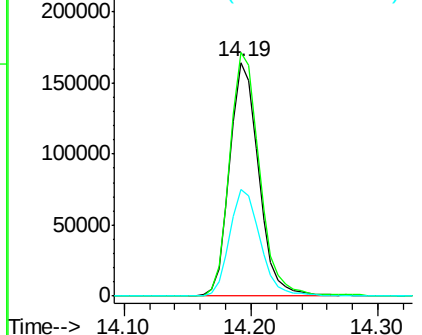


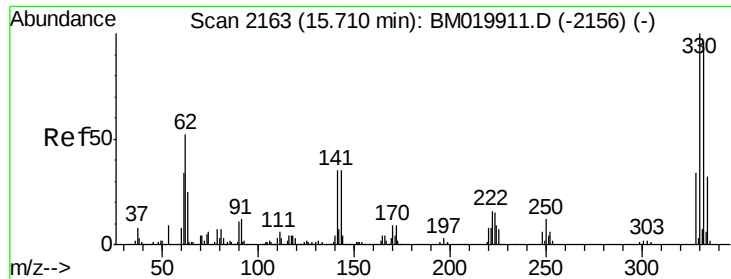
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM019938.D
 Acq: 17 Apr 2019 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	45.8	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

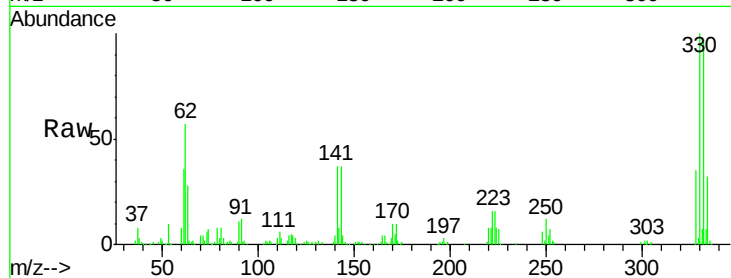




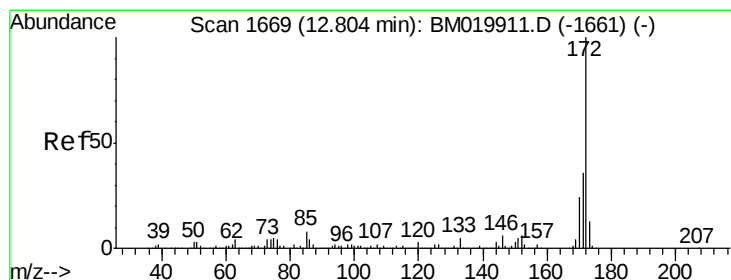
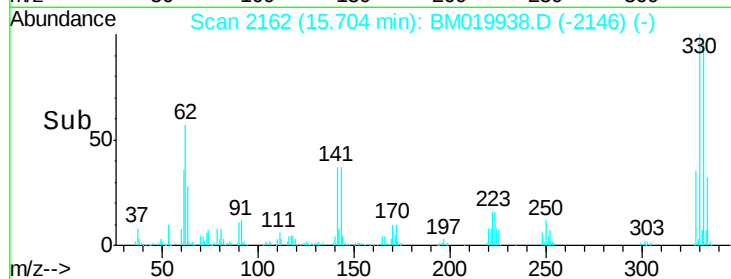
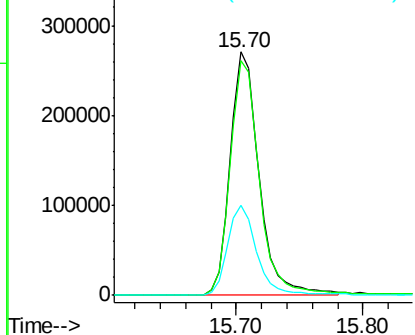
#42
 2,4,6-Tribromophenol
 Concen: 101.812 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019938.D
 Acq: 17 Apr 2019 14:58

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-041519-A

Tgt Ion:330 Resp: 426758
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.2 29.0 43.4

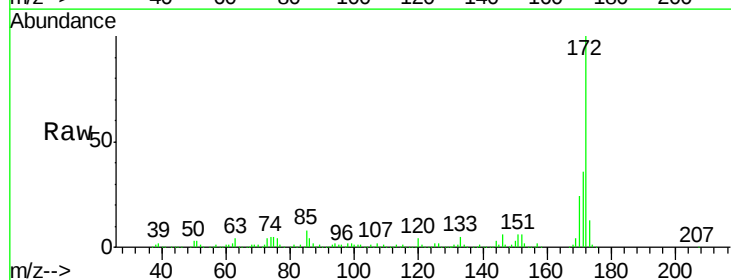


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

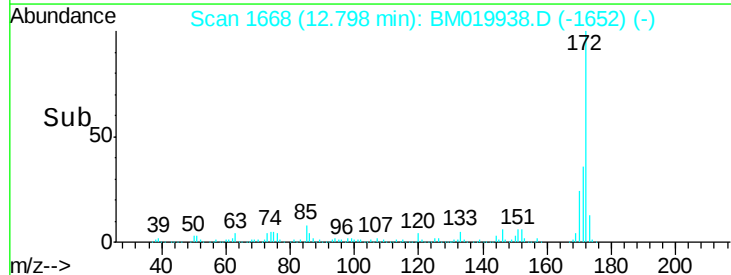
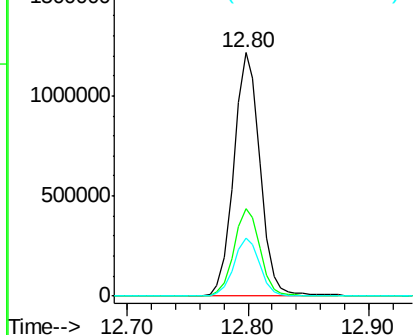


#45
 2-Fluorobiphenyl
 Concen: 88.675 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019938.D
 Acq: 17 Apr 2019 14:58

Tgt Ion:172 Resp: 1852816
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.7 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# 2375

Delta R.T. -0.01 min

Lab File: BM019938.D

Acq: 17 Apr 2019 14:58

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-A

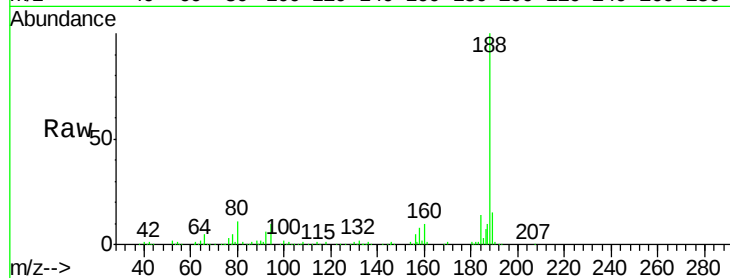
Tgt Ion:188 Resp: 483522

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

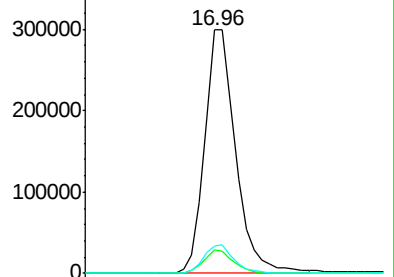
80 11.3 9.4 14.0



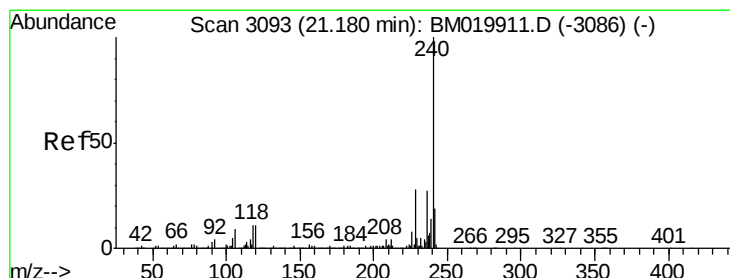
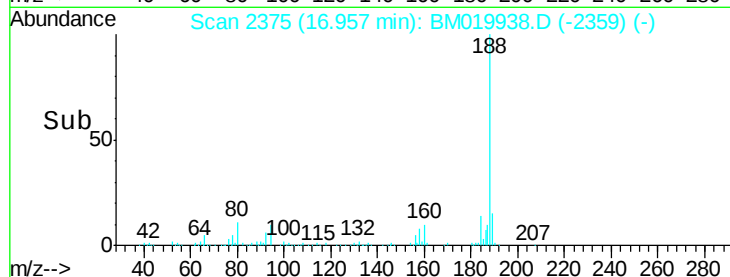
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019938.D

Acq: 17 Apr 2019 14:58

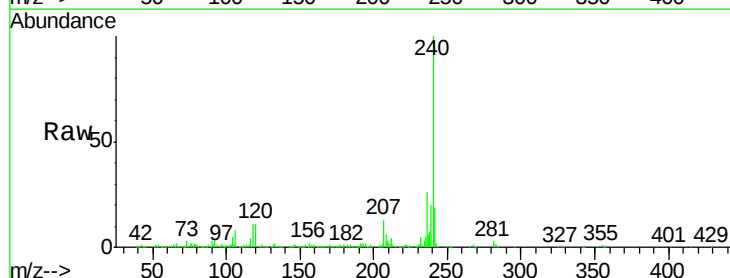
Tgt Ion:240 Resp: 444649

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

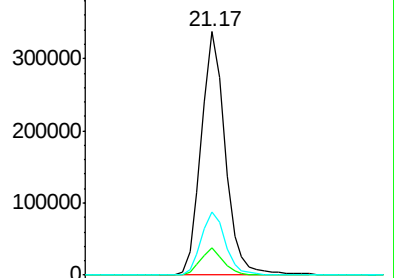
236 25.7 21.4 32.2



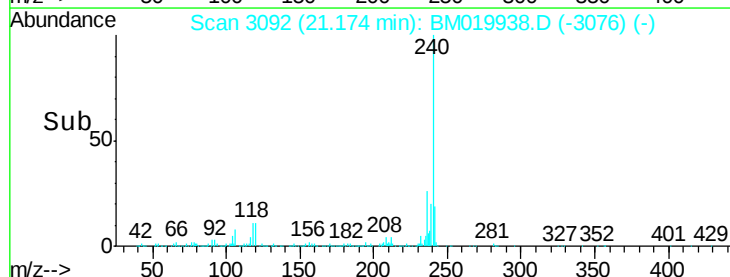
Abundance Ion 240.00 (239.70 to 240.70): E

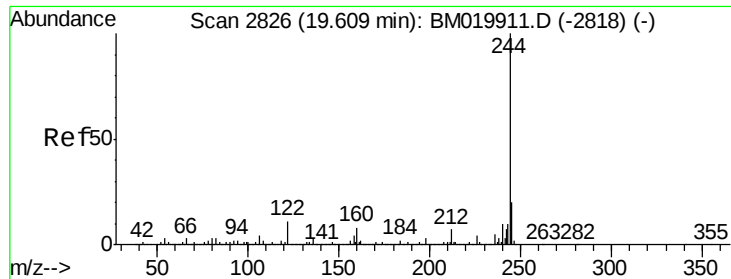
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 84.826 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019938.D

Acq: 17 Apr 2019 14:58

Instrument :

BNA_M

ClientSampleId :

SU-01-041519-A

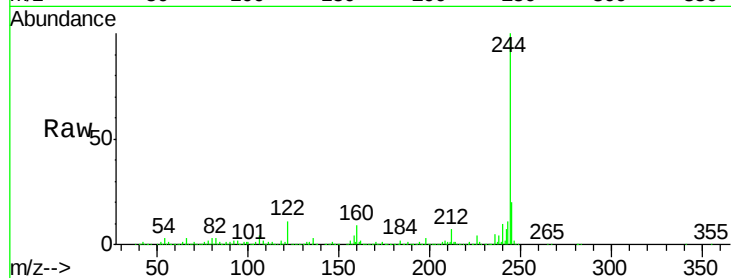
Tgt Ion:244 Resp: 2138412

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

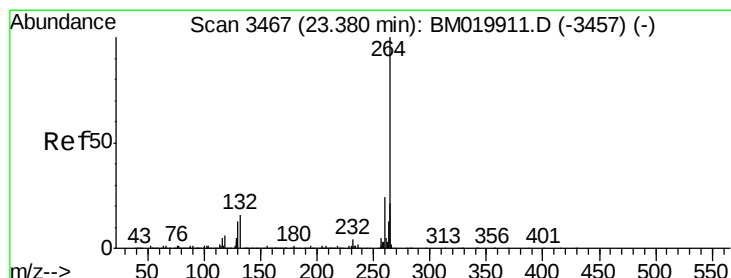
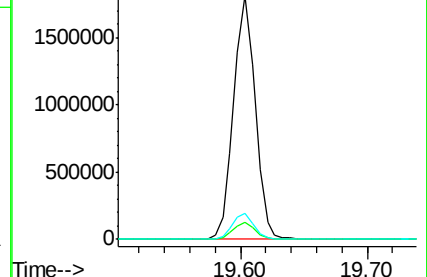
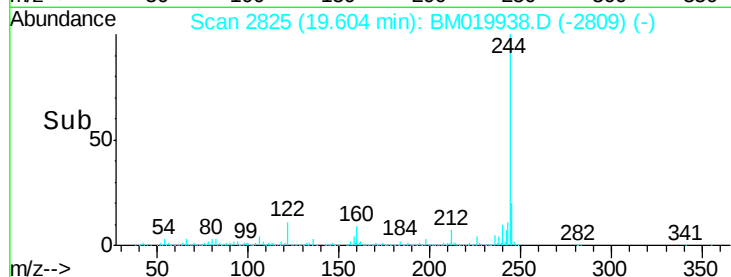
122 10.7 9.1 13.7



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: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM019938.D

Acq: 17 Apr 2019 14:58

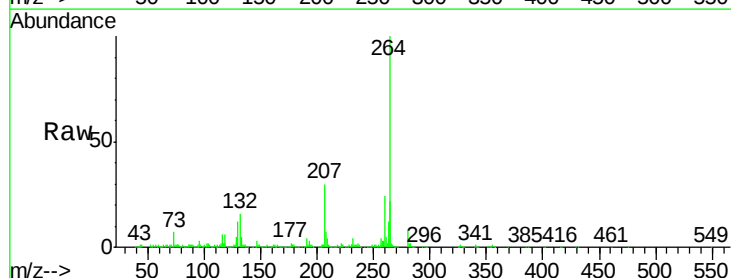
Tgt Ion:264 Resp: 593588

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 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

