

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020006.D
 Acq On : 22 Apr 2019 15:16
 Operator : JU/SJ
 Sample : K2453-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONES

Quant Time: Apr 22 17:30:43 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	94622	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	317268	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	172109	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	342869	20.00	ng	0.00
76) Chrysene-d12	21.16	240	323061	20.00	ng	0.00
87) Perylene-d12	23.36	264	396031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	712074	121.96	ng	-0.01
7) Phenol-d6	6.70	99	769613	87.59	ng	-0.01
23) Nitrobenzene-d5	8.68	82	672249	94.76	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	329410	118.90	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1296784	93.90	ng	-0.01
79) Terphenyl-d14	19.59	244	1863632	101.75	ng	0.00

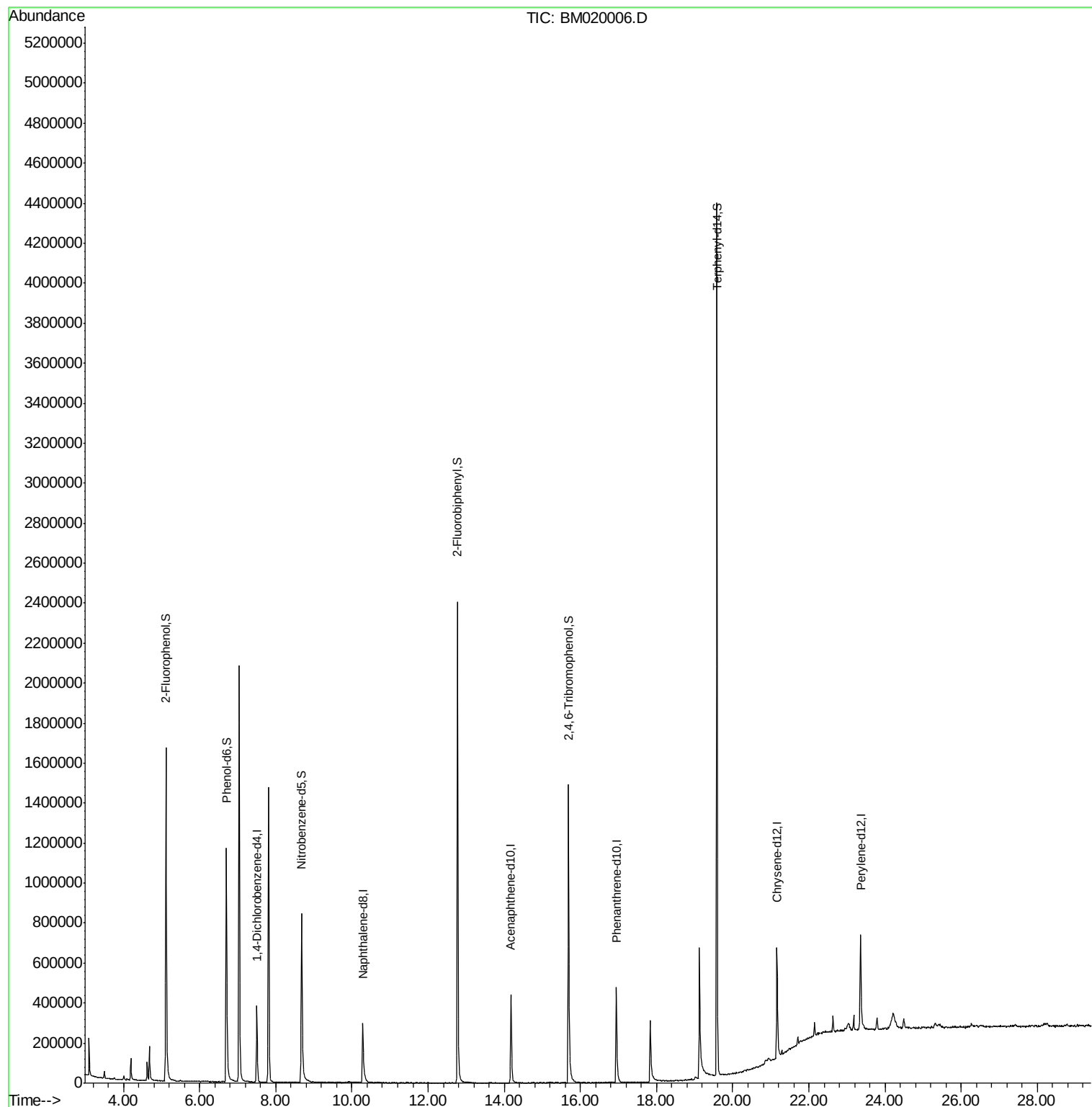
Target Compounds	Qvalue
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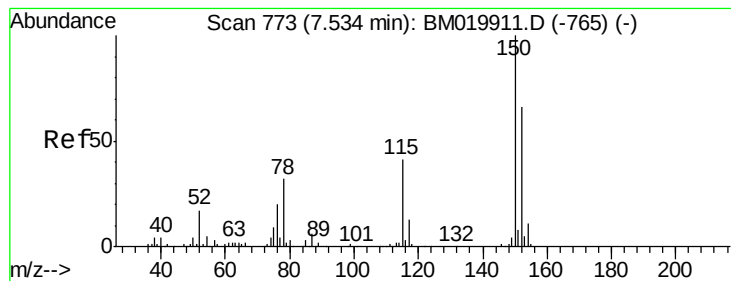
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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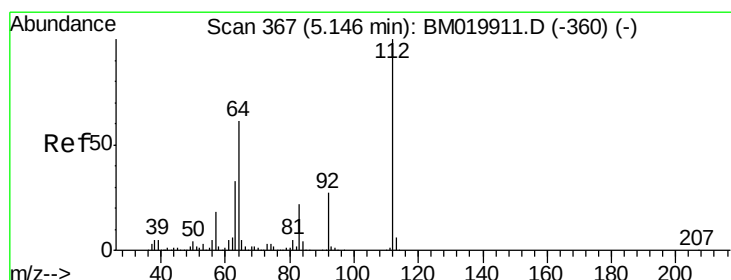
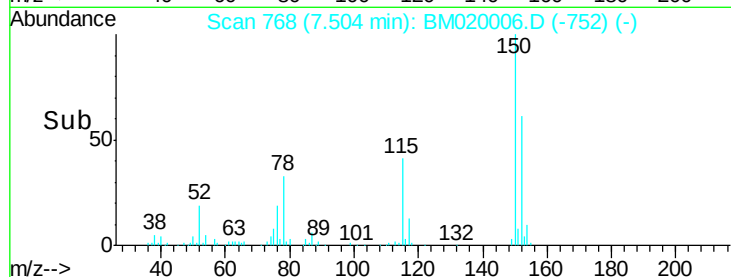
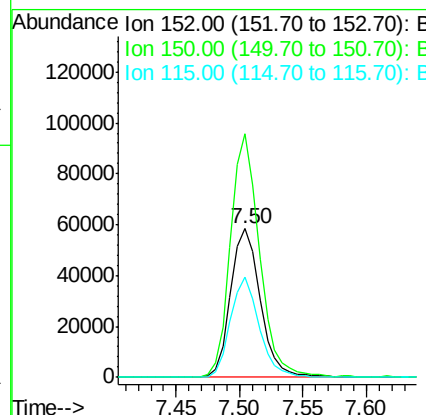
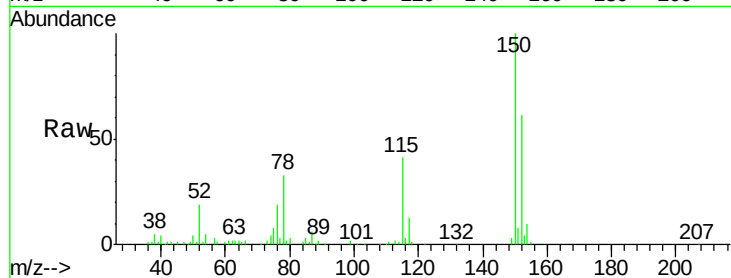


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020006.D
Acq: 22 Apr 2019 15:16

Instrument :
BNA_M
ClientSampleId :
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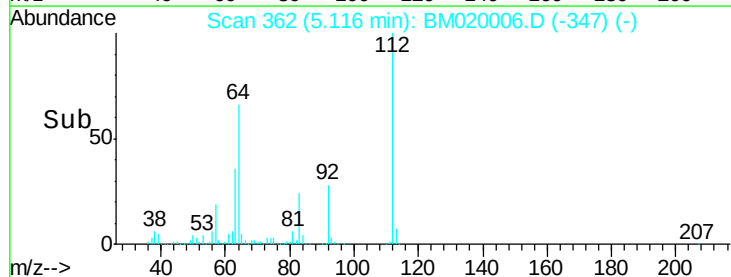
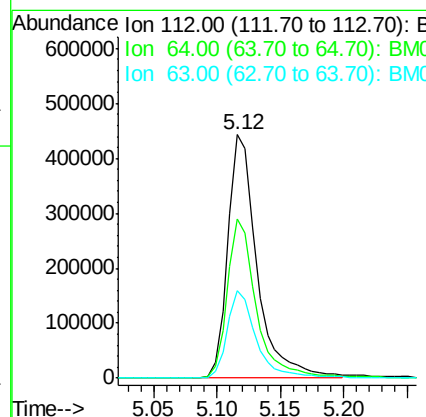
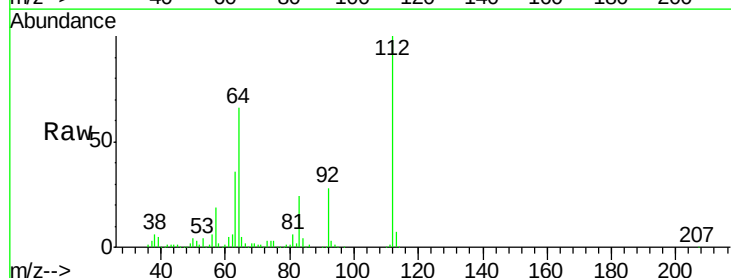
Tgt Ion:152 Resp: 94622
Ion Ratio Lower Upper
152 100
150 164.0 122.1 183.1
115 67.6 50.0 75.0

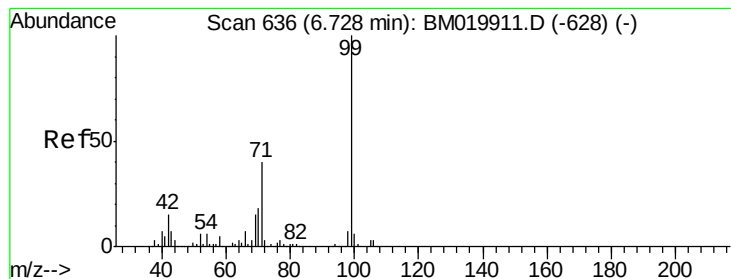


#5

2-Fluorophenol
Concen: 121.961 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020006.D
Acq: 22 Apr 2019 15:16

Tgt Ion:112 Resp: 712074
Ion Ratio Lower Upper
112 100
64 65.5 49.1 73.7
63 35.8 26.5 39.7





#7

Phenol-d6

Concen: 87.587 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020006.D

Acq: 22 Apr 2019 15:16

Instrument :

BNA_M

ClientSampleId :

OILY-STONES

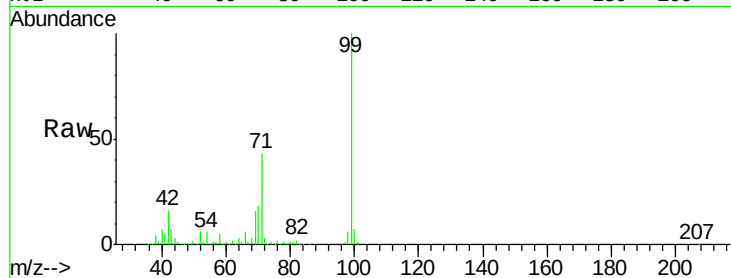
Tgt Ion: 99 Resp: 769613

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.8

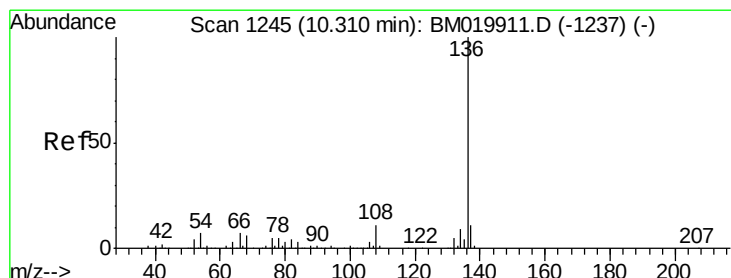
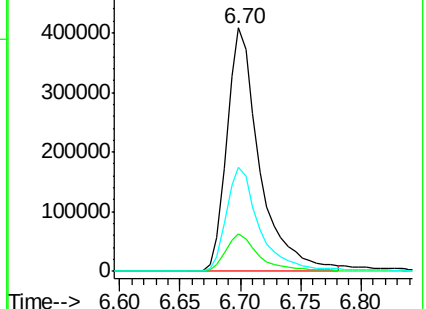
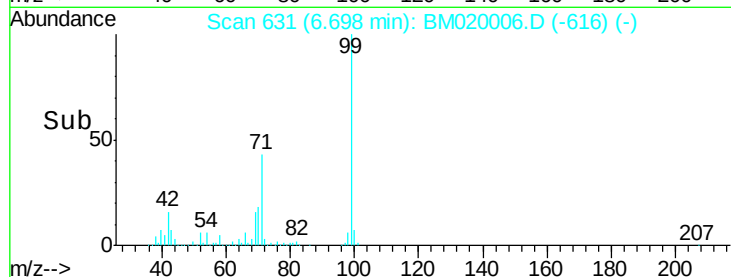
71 43.0 32.0 48.0



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: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020006.D

Acq: 22 Apr 2019 15:16

Tgt Ion: 136 Resp: 317268

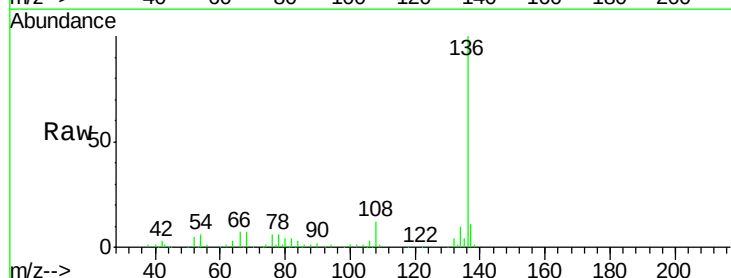
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.3 5.3 7.9

68 7.2 5.2 7.8

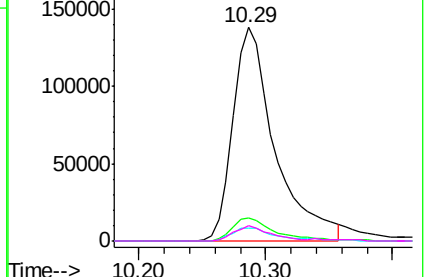
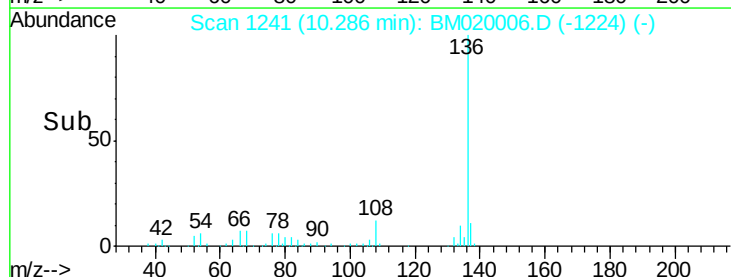


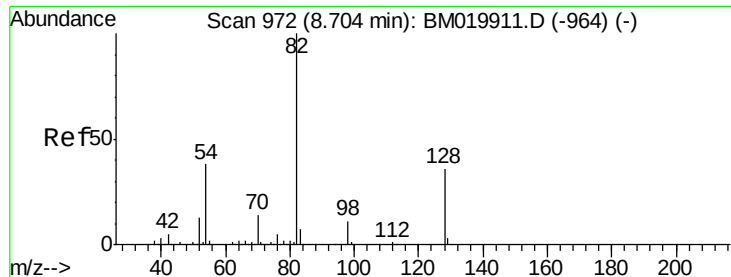
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

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) (-)

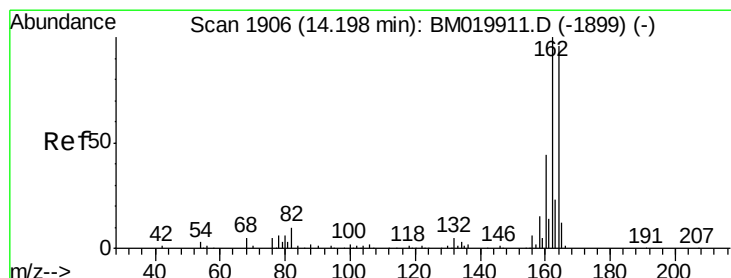
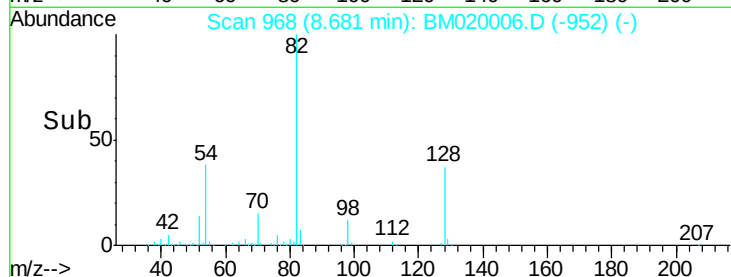
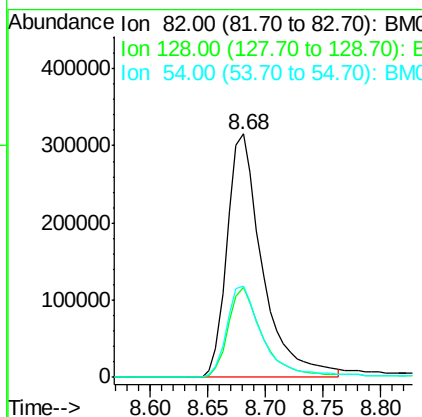
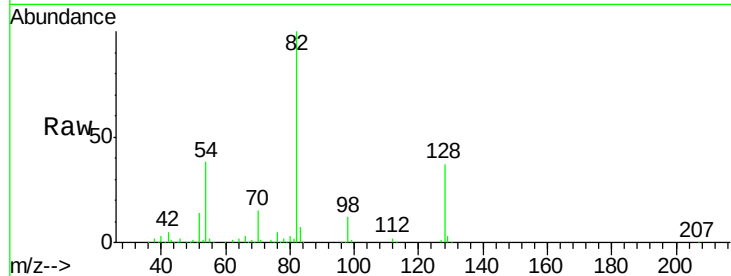




#23
 Nitrobenzene-d5
 Concen: 94.758 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM020006.D
 Acq: 22 Apr 2019 15:16

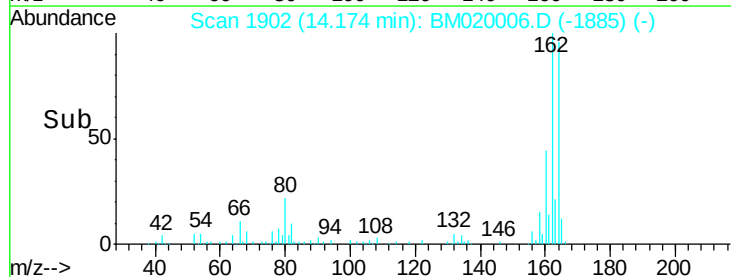
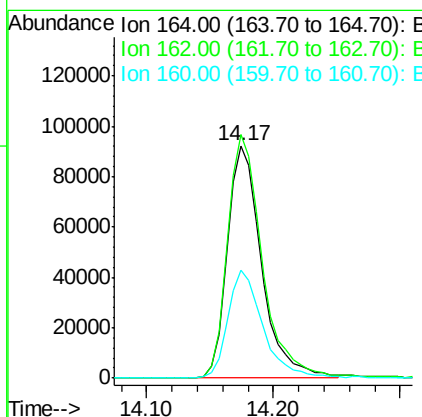
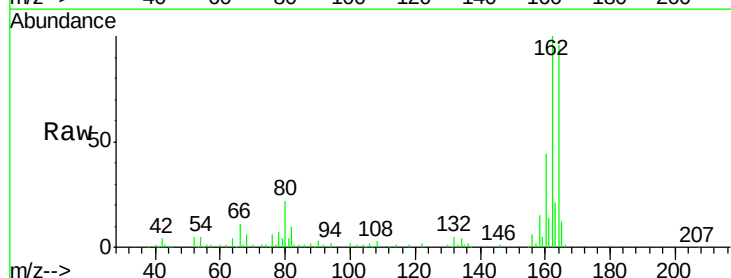
Instrument :
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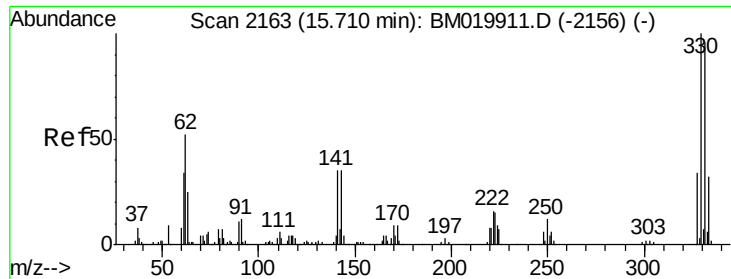
Tgt Ion: 82 Resp: 672249
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.0 43.4
 54 37.7 30.2 45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BM020006.D
 Acq: 22 Apr 2019 15:16

Tgt Ion: 164 Resp: 172109
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.0 124.4
 160 46.2 36.6 55.0

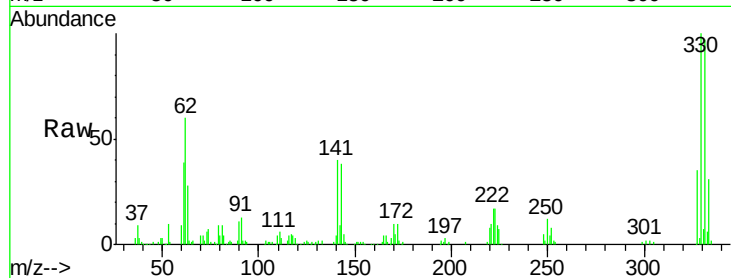




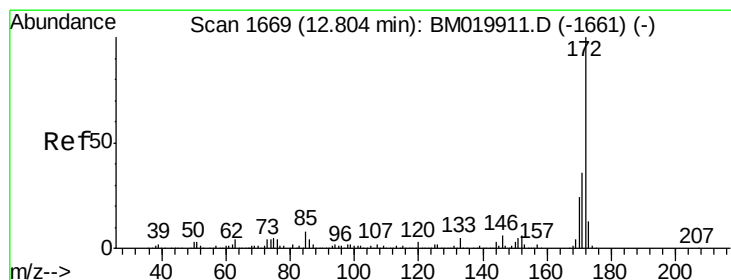
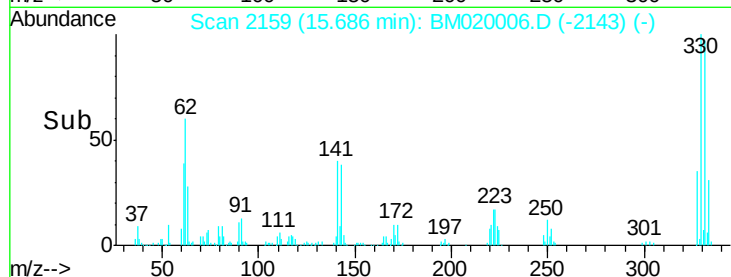
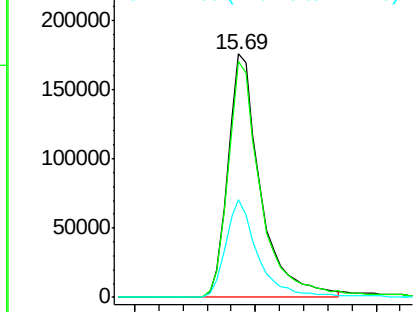
#42
 2,4,6-Tribromophenol
 Concen: 118.900 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020006.D
 Acq: 22 Apr 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONES

Tgt Ion:330 Resp: 329410
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 39.4 29.0 43.4

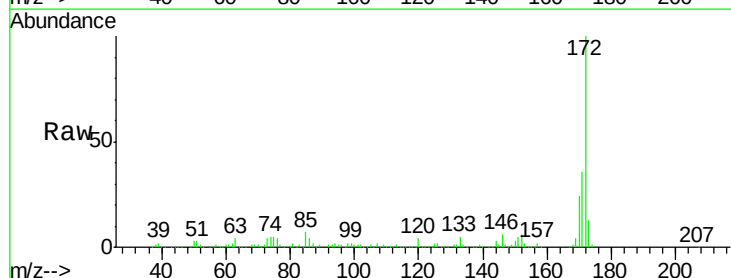


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

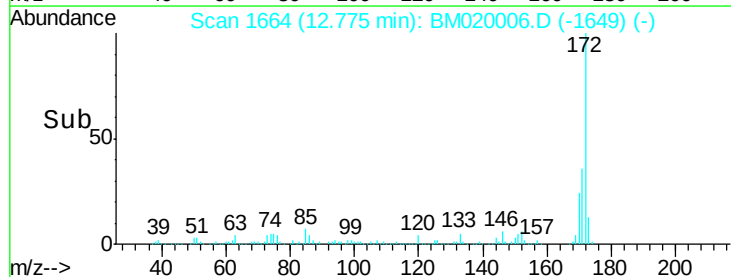
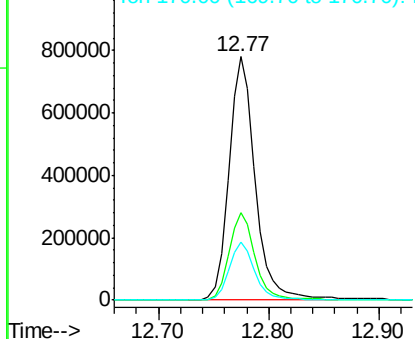


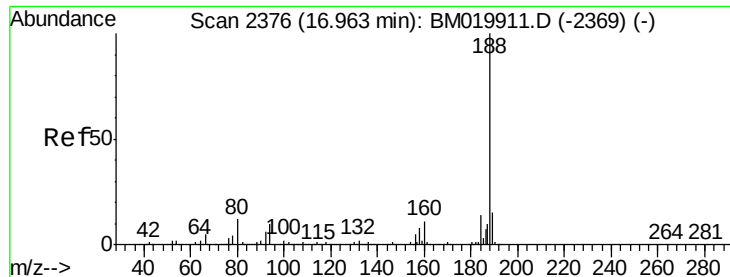
#45
 2-Fluorobiphenyl
 Concen: 93.899 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020006.D
 Acq: 22 Apr 2019 15:16

Tgt Ion:172 Resp: 1296784
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.1 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: BM020006.D

Acq: 22 Apr 2019 15:16

Instrument :

BNA_M

ClientSampleId :

OILY-STONES

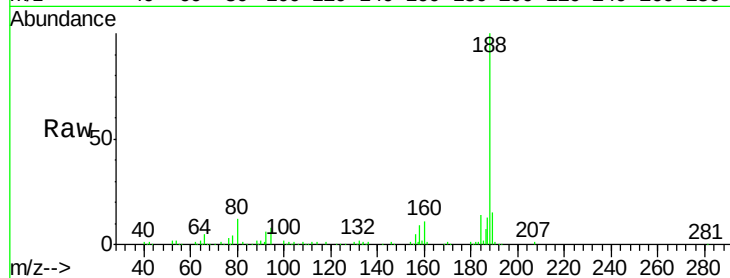
Tgt Ion:188 Resp: 342869

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 11.7 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

250000

200000

150000

100000

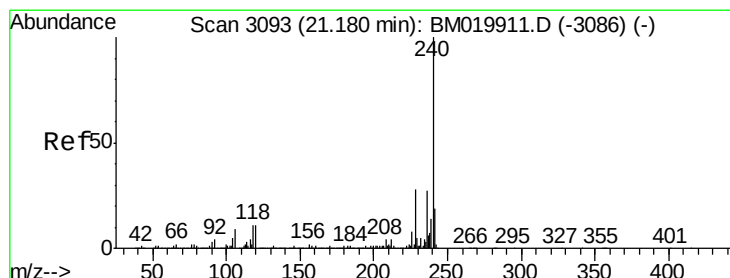
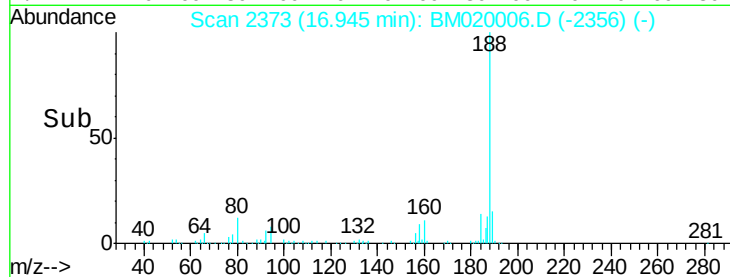
50000

0

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM020006.D

Acq: 22 Apr 2019 15:16

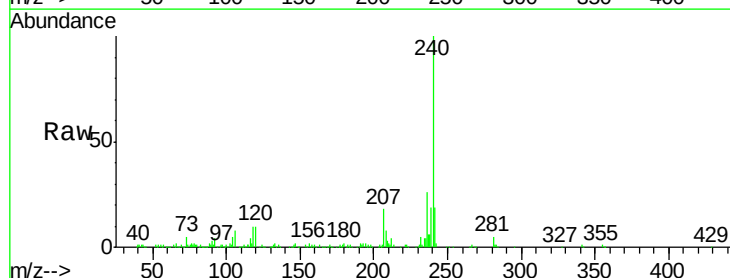
Tgt Ion:240 Resp: 323061

Ion Ratio Lower Upper

240 100

120 9.9 8.6 13.0

236 26.3 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

250000

200000

150000

100000

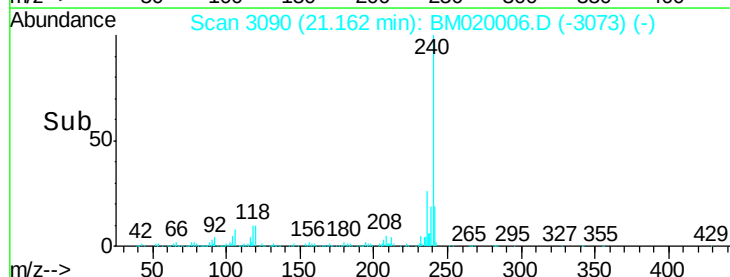
50000

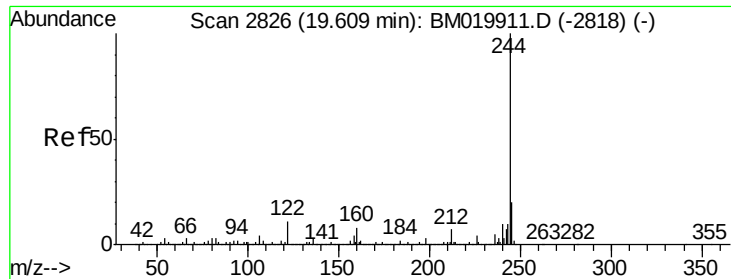
0

21.10

21.20

Time-->





#79

Terphenyl-d14

Concen: 101.749 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM020006.D

Acq: 22 Apr 2019 15:16

Instrument :

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ClientSampleId :

OILY-STONES

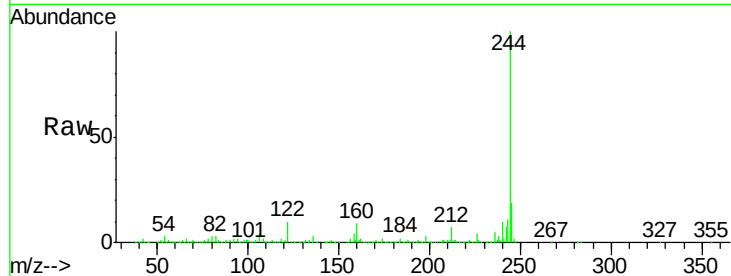
Tgt Ion:244 Resp: 1863632

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

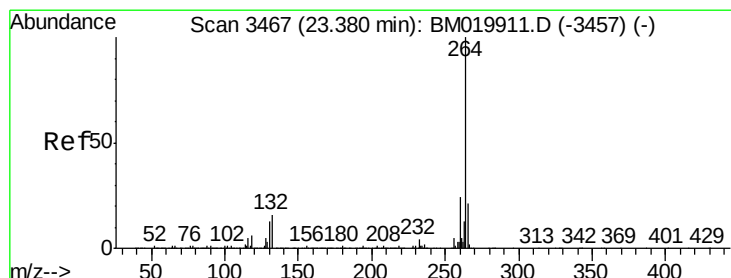
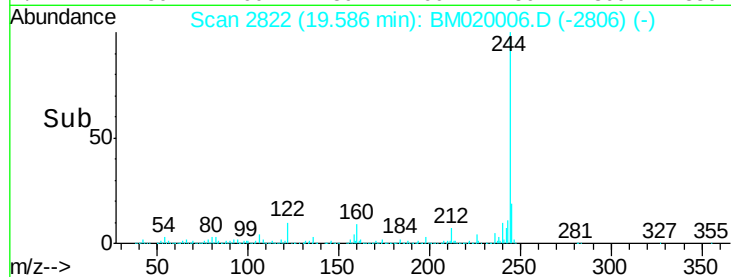
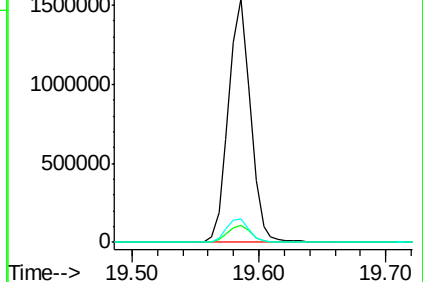
122 9.8 9.1 13.7



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: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM020006.D

Acq: 22 Apr 2019 15:16

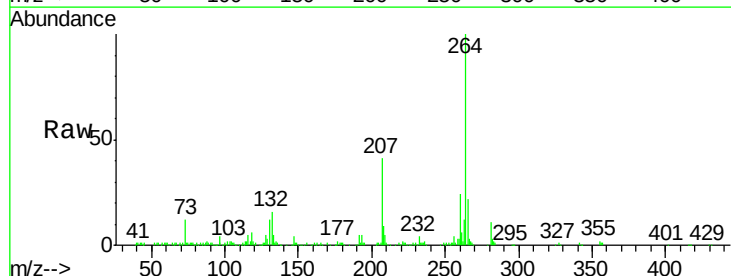
Tgt Ion:264 Resp: 396031

Ion Ratio Lower Upper

264 100

260 23.6 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

