

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019250.D
 Acq On : 20 Mar 2019 02:51
 Operator : JU/SJ
 Sample : K1691-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-031519-E

Quant Time: Mar 20 05:13:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	171615	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	687697	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	448655	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	1072319	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1055947	20.00	ng	-0.02
87) Perylene-d12	23.48	264	934396	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1449764	136.81	ng	-0.02
7) Phenol-d6	6.82	99	1846455	119.12	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1419752	97.59	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1127509	170.21	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3168983	91.88	ng	-0.03
79) Terphenyl-d14	19.69	244	6210396	116.76	ng	-0.02

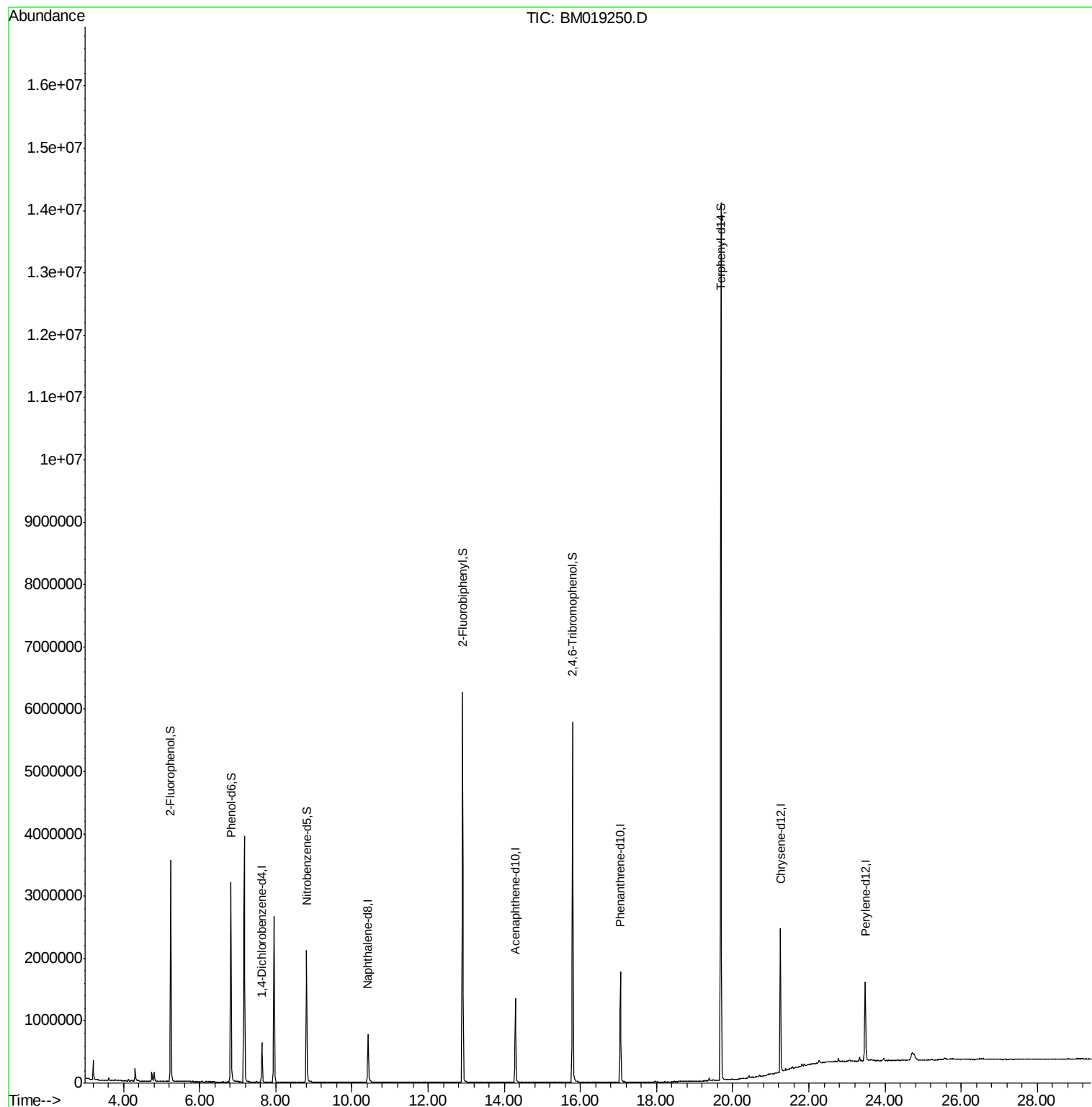
Target Compounds	Qvalue
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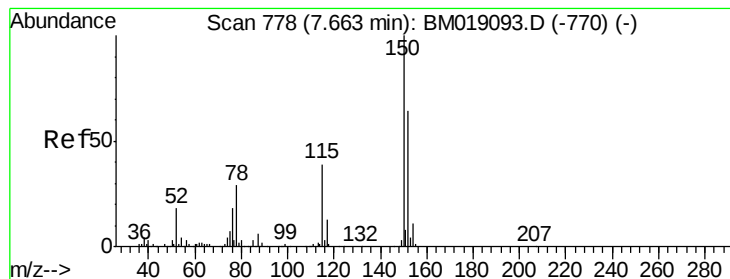
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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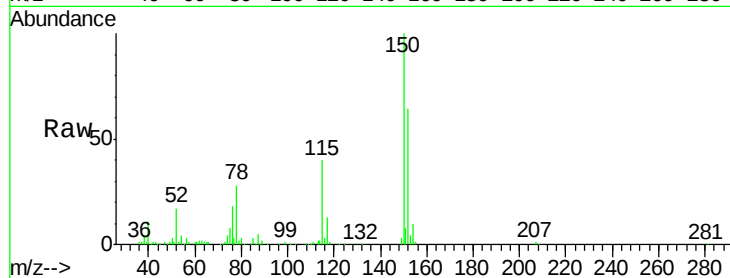


#1

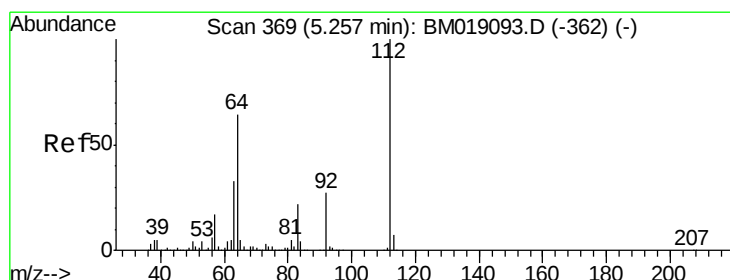
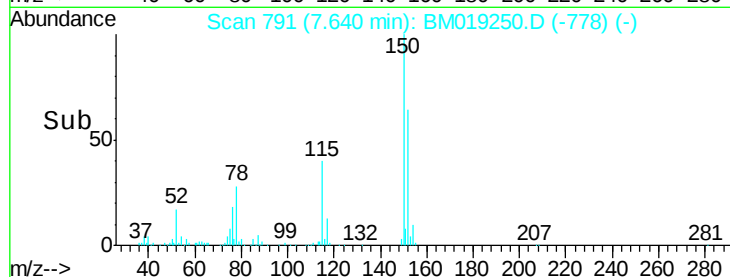
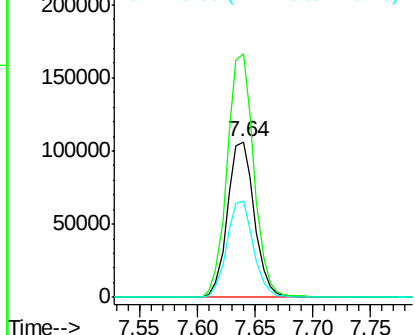
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion:152 Resp: 171615
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 62.1 49.4 74.0



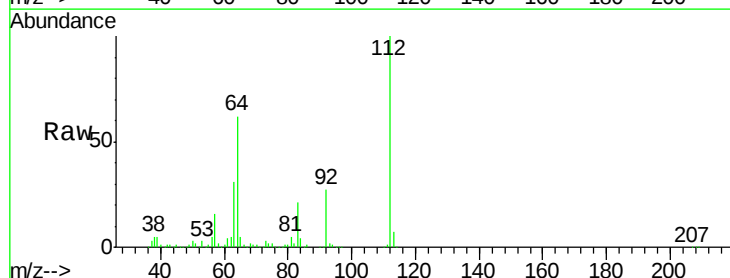
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



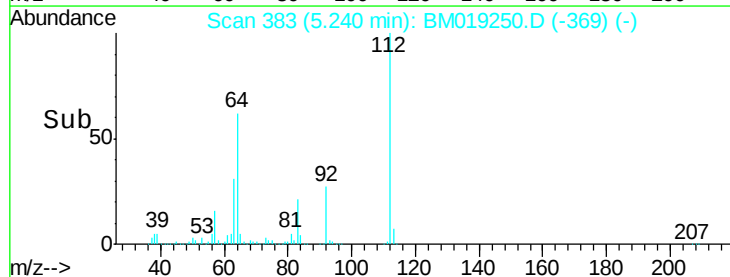
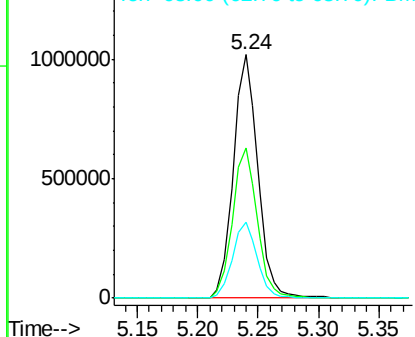
#5

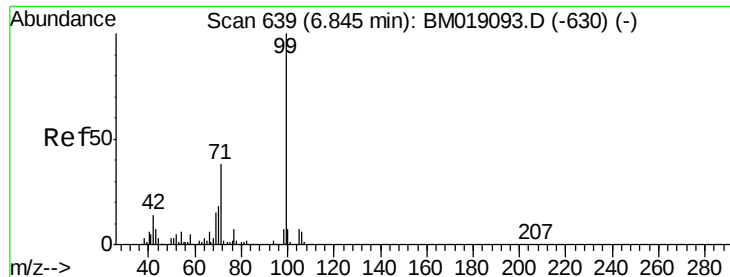
2-Fluorophenol
Concen: 136.810 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:112 Resp: 1449764
Ion Ratio Lower Upper
112 100
64 61.8 51.4 77.0
63 31.1 26.6 40.0



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: 119.124 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

Instrument :

BNA_M

ClientSampleId :

CL-01-031519-E

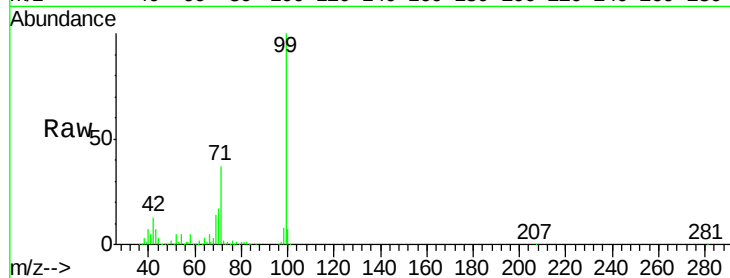
Tgt Ion: 99 Resp: 1846455

Ion Ratio Lower Upper

99 100

42 13.1 10.9 16.3

71 36.8 30.3 45.5

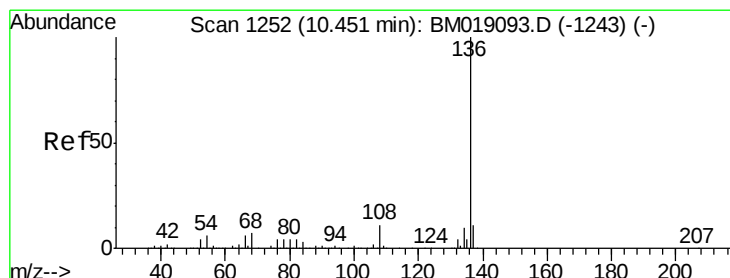
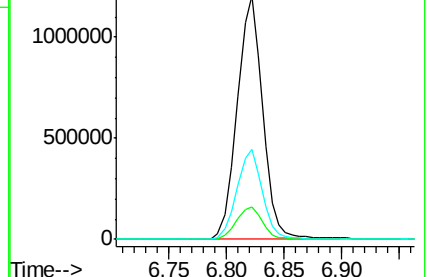
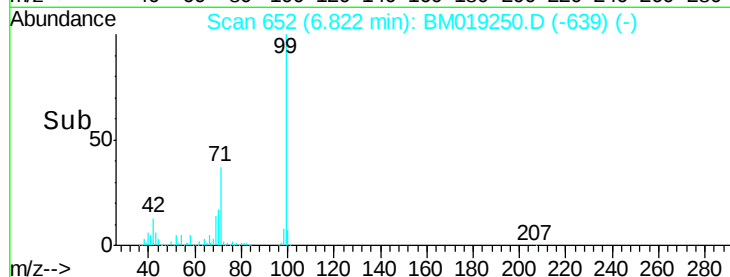


Abundance Ion 99.00 (98.70 to 99.70): BM019250.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019250.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019250.D (-639) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

Tgt Ion: 136 Resp: 687697

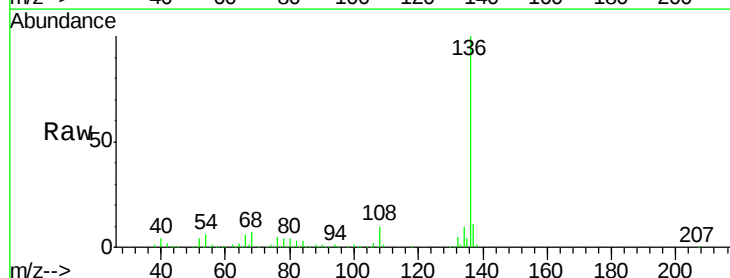
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.2 5.2 7.8

68 6.9 5.8 8.8



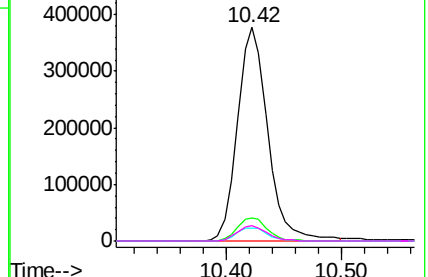
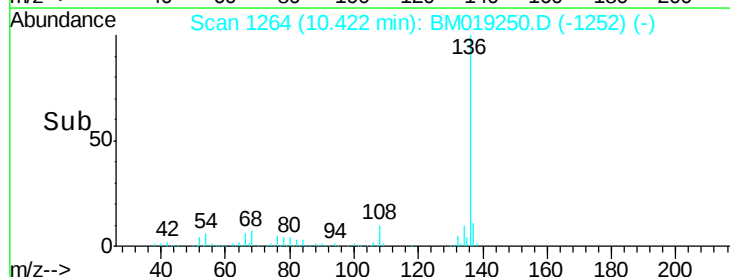
Abundance Ion 136.00 (135.70 to 136.70): BM019250.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019250.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019250.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019250.D (-1252) (-)

Time-->





#23

Nitrobenzene-d5

Concen: 97.589 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

Instrument :

BNA_M

ClientSampleId :

CL-01-031519-E

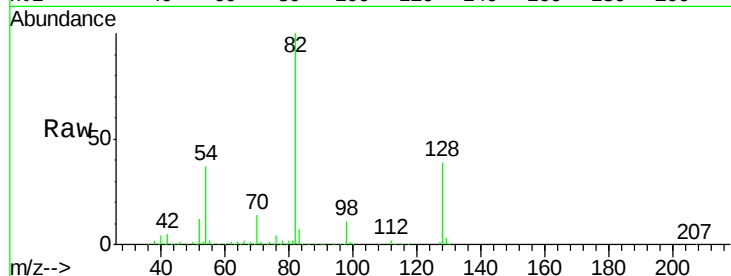
Tgt Ion: 82 Resp: 1419752

Ion Ratio Lower Upper

82 100

128 39.0 29.4 44.2

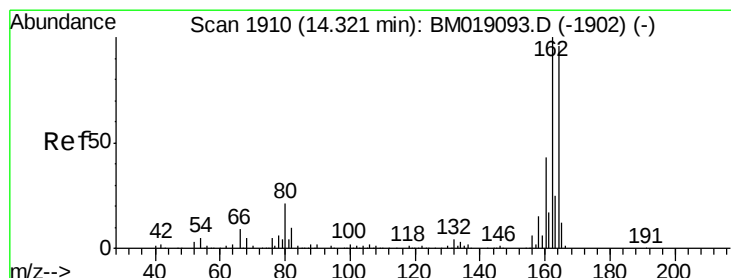
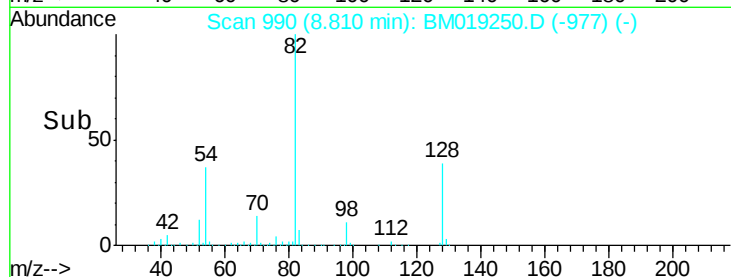
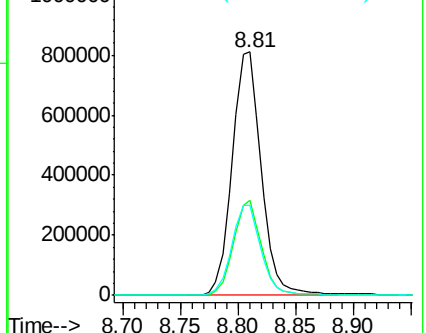
54 36.9 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1922

Delta R.T. -0.03 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

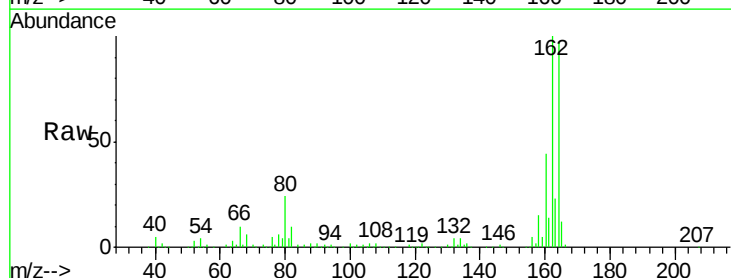
Tgt Ion: 164 Resp: 448655

Ion Ratio Lower Upper

164 100

162 102.7 83.5 125.3

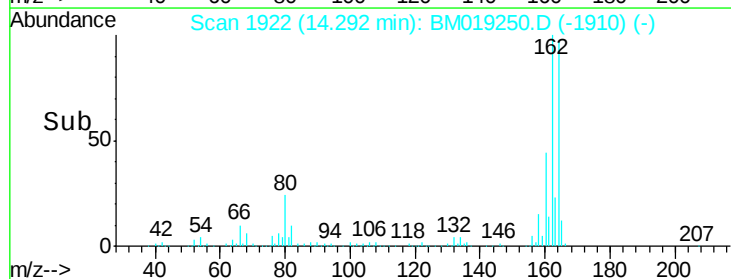
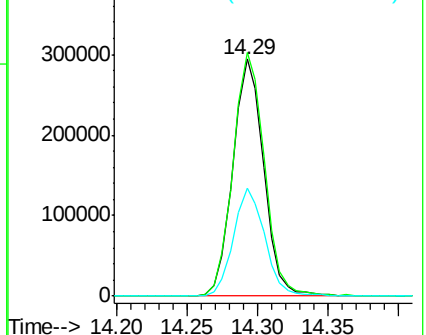
160 45.3 36.3 54.5

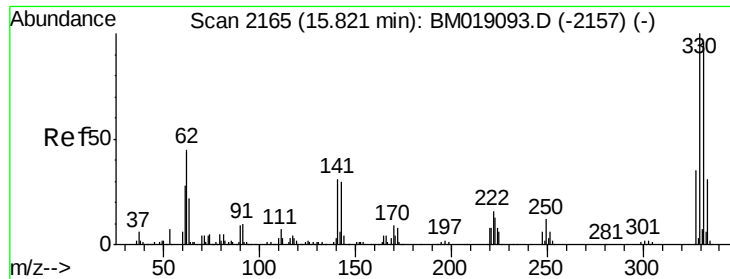


Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)

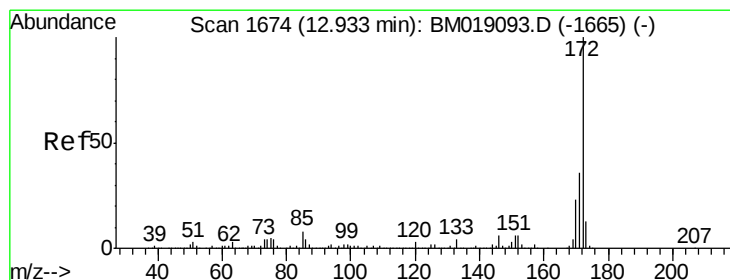
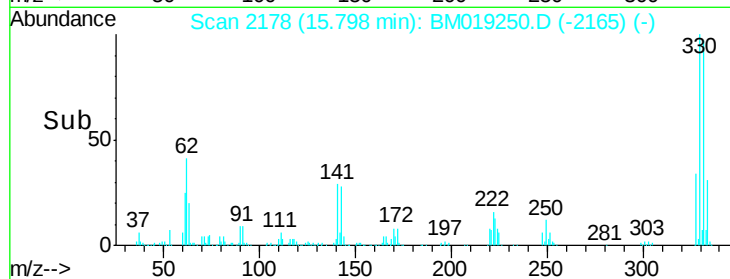
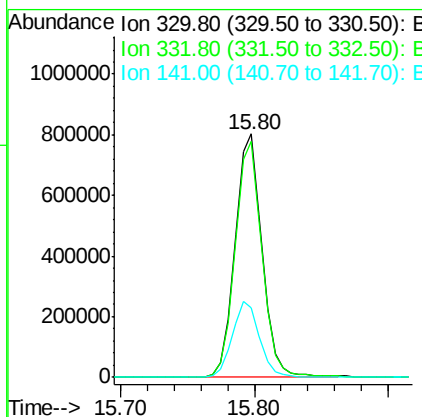
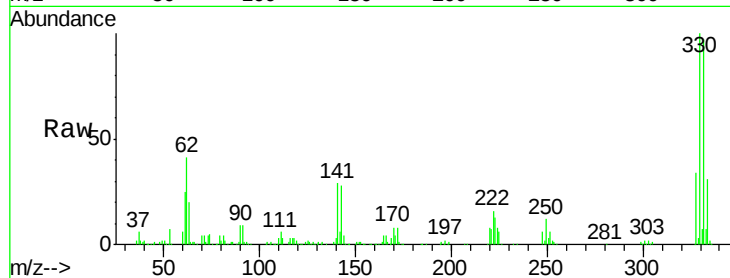




#42
 2,4,6-Tribromophenol
 Concen: 170.210 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM019250.D
 Acq: 20 Mar 2019 02:51

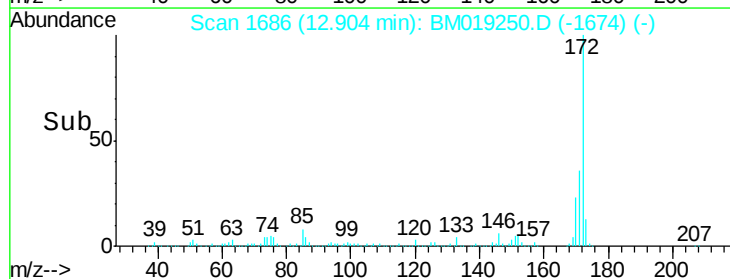
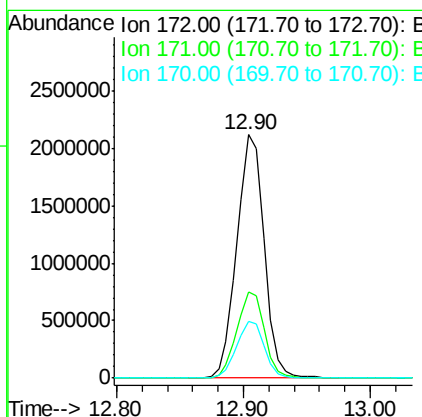
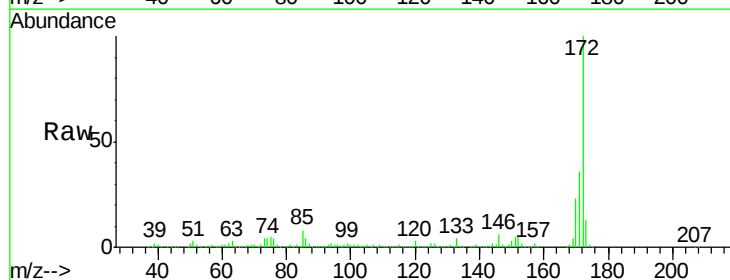
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-031519-E

Tgt Ion:330 Resp: 1127509
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 31.8 27.0 40.4



#45
 2-Fluorobiphenyl
 Concen: 91.877 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BM019250.D
 Acq: 20 Mar 2019 02:51

Tgt Ion:172 Resp: 3168983
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

Instrument :

BNA_M

ClientSampleId :

CL-01-031519-E

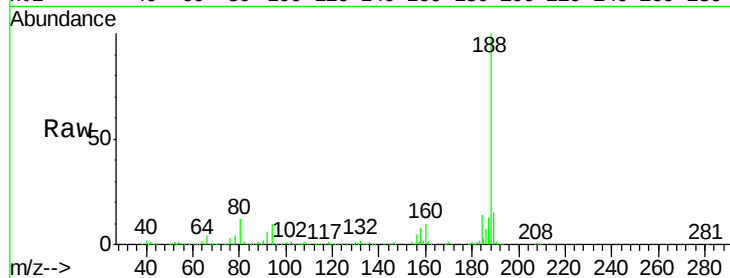
Tgt Ion:188 Resp: 1072319

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

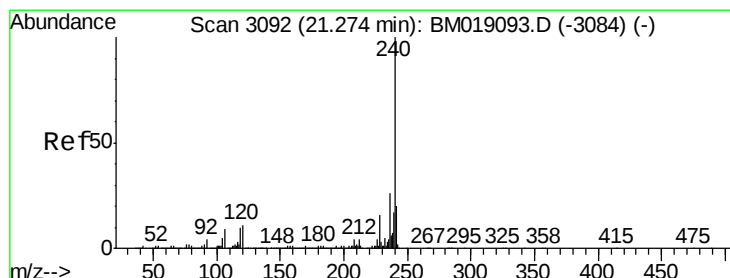
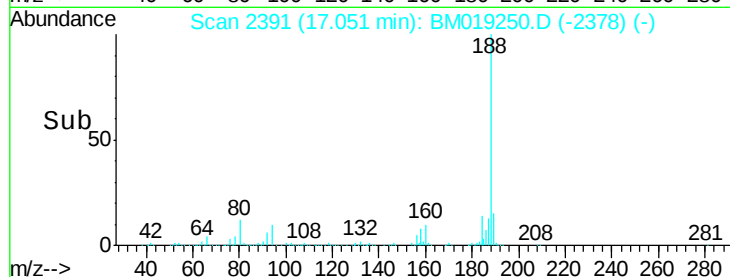
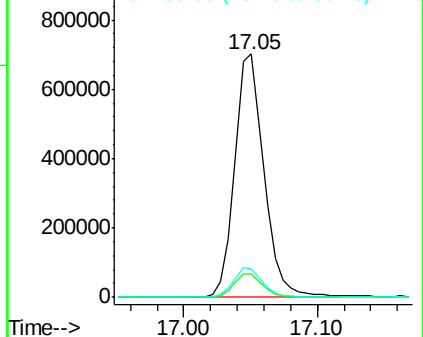
80 11.7 9.7 14.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

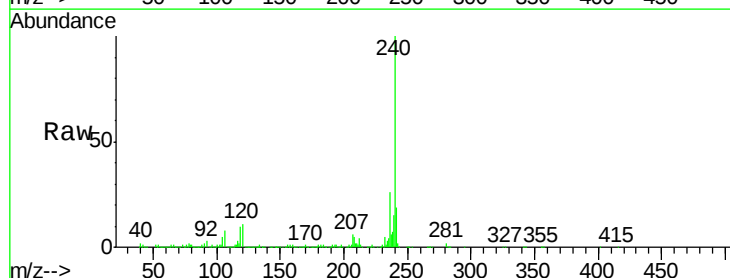
Tgt Ion:240 Resp: 1055947

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

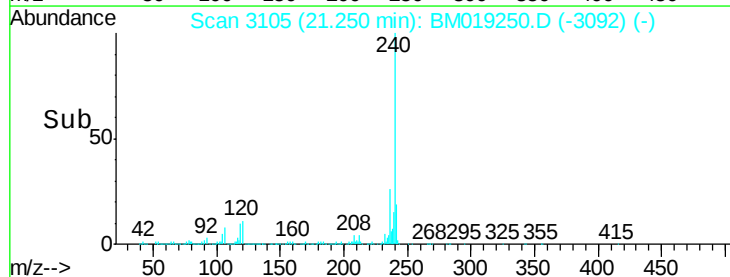
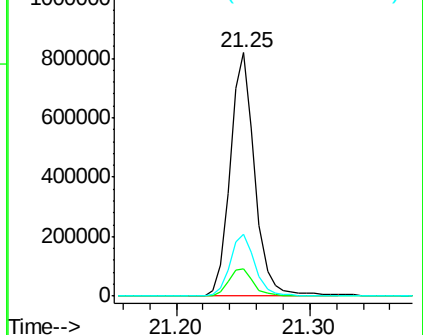
236 25.6 21.0 31.4



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





#79

Terphenyl-d14

Concen: 116.758 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

Instrument :

BNA_M

ClientSampleId :

CL-01-031519-E

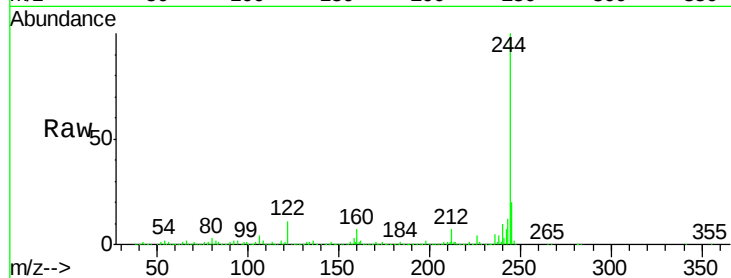
Tgt Ion:244 Resp: 6210396

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

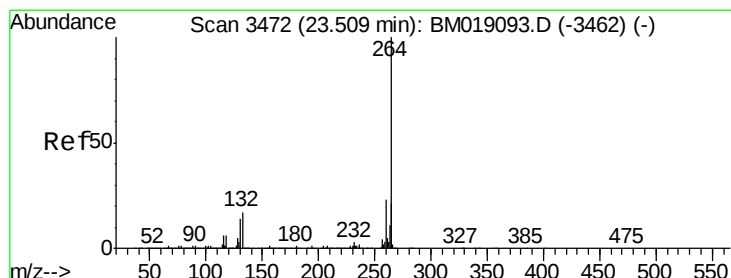
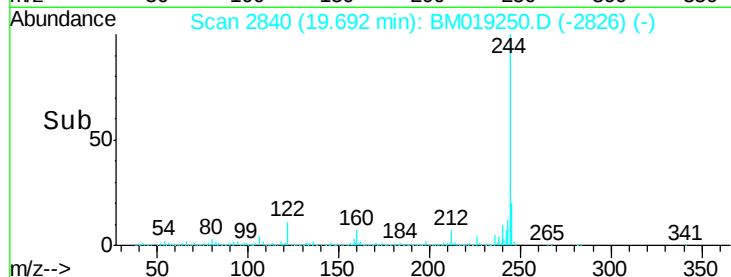
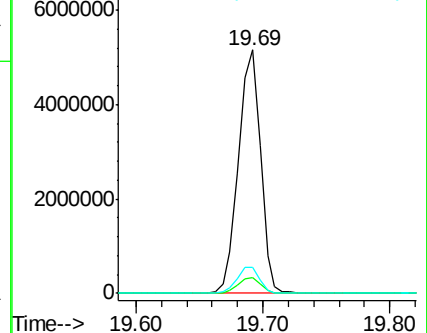
122 10.8 9.4 14.2



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: 23.48 min Scan# 3484

Delta R.T. -0.03 min

Lab File: BM019250.D

Acq: 20 Mar 2019 02:51

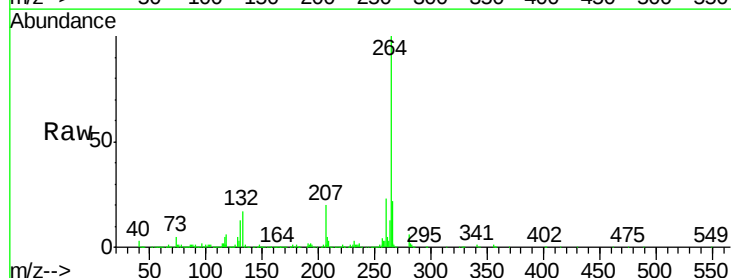
Tgt Ion:264 Resp: 934396

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.3 17.3 25.9



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

