

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019111.D
 Acq On : 12 Mar 2019 14:39
 Operator : JU/SJ
 Sample : PB117788BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BL

Quant Time: Mar 13 03:52:42 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	7.66	152	195485	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	767626	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	476084	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1133961	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1225628	20.00	ng	0.00
87) Perylene-d12	23.51	264	1235314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1570958	130.14	ng	0.00
7) Phenol-d6	6.85	99	2206580	124.98	ng	0.00
23) Nitrobenzene-d5	8.83	82	1300961	80.11	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	916586	130.40	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2907488	79.44	ng	0.00
79) Terphenyl-d14	19.71	244	5172404	83.78	ng	0.00

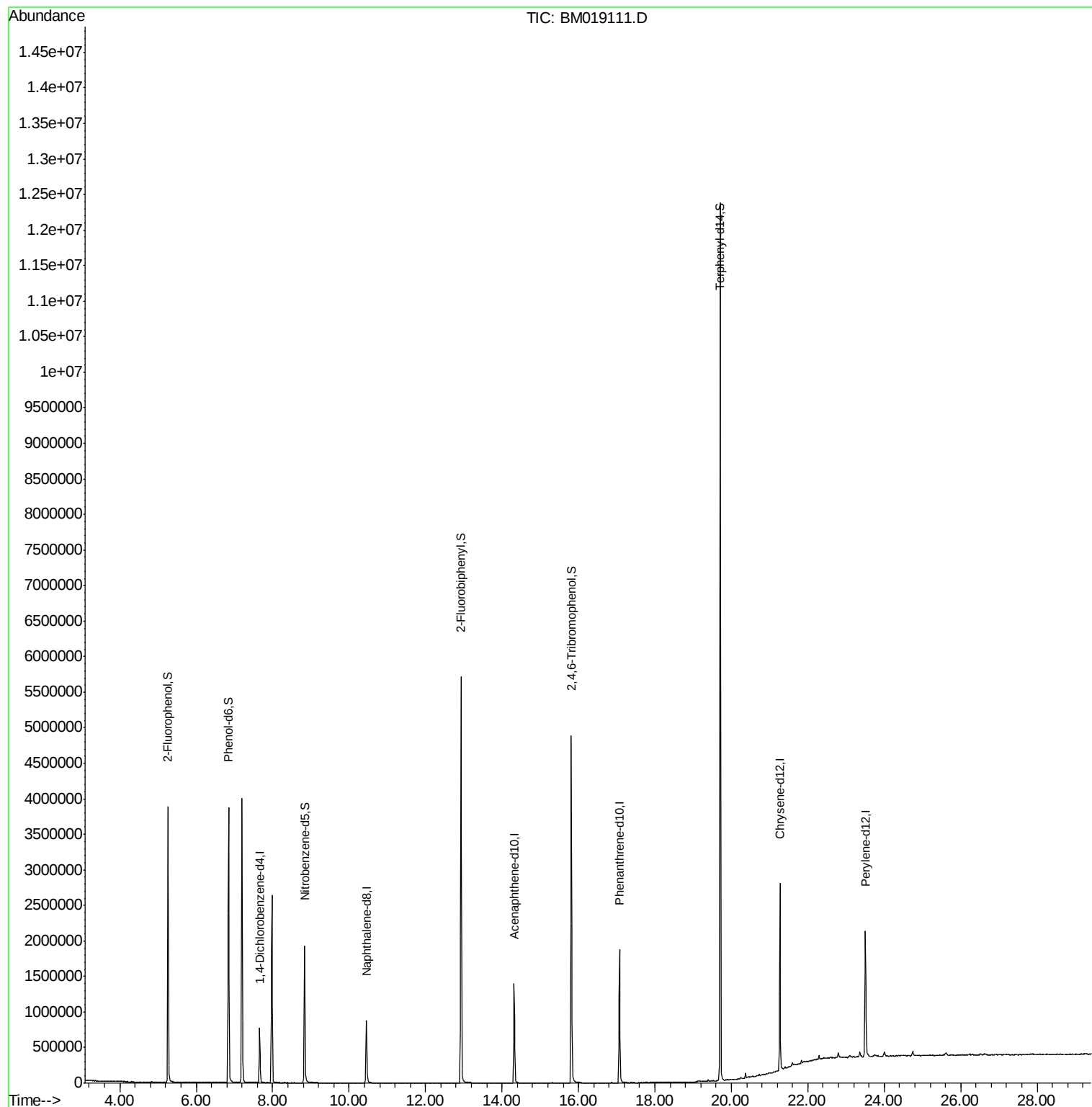
Target Compounds Qvalue

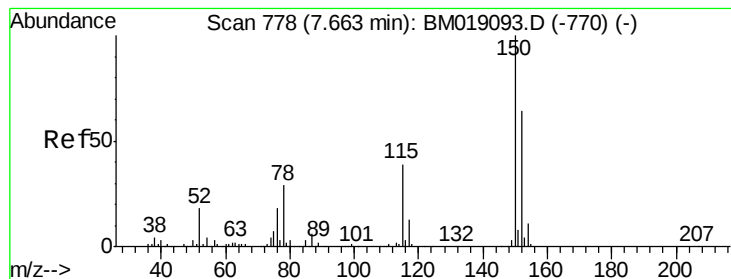
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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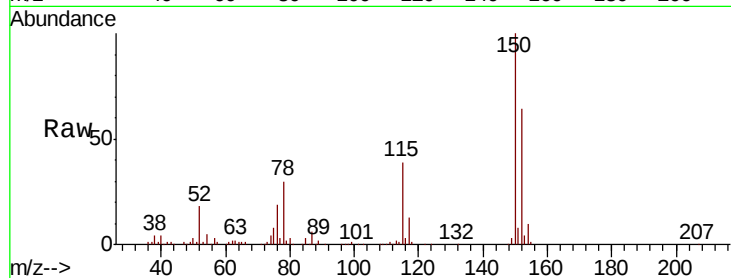


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Instrument :
BNA_M
ClientSampleId :
PB117788BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	61.5	49.4	74.0

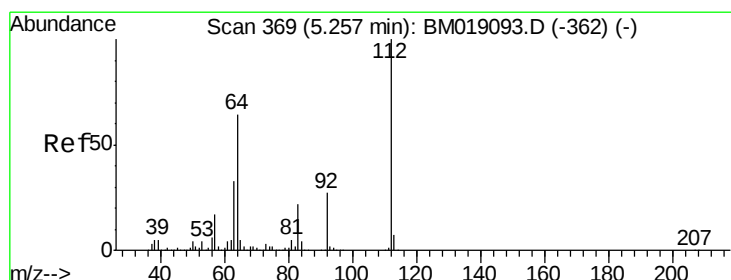
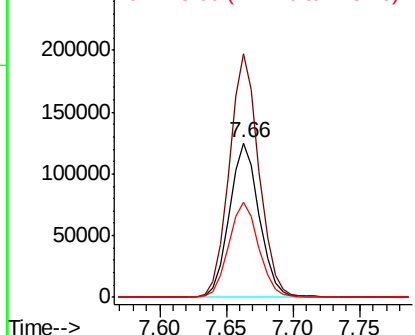
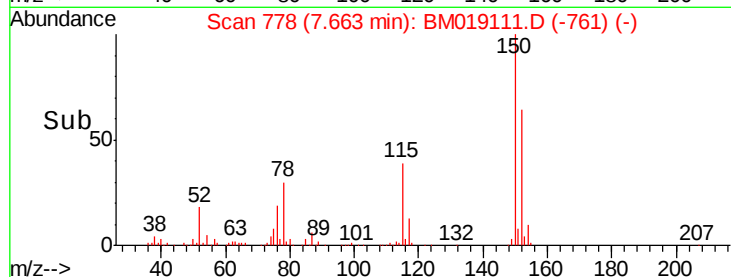


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

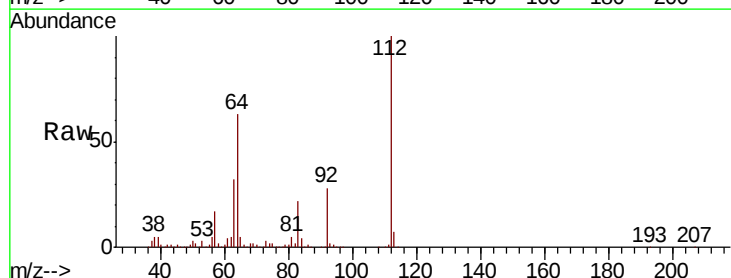
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.145 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.4	77.0
63	31.8	26.6	40.0

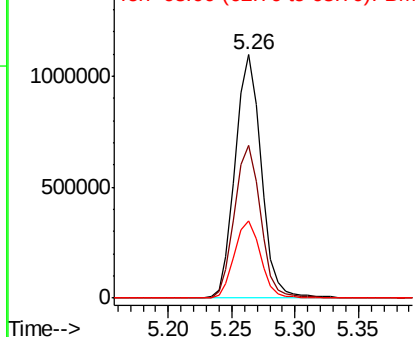
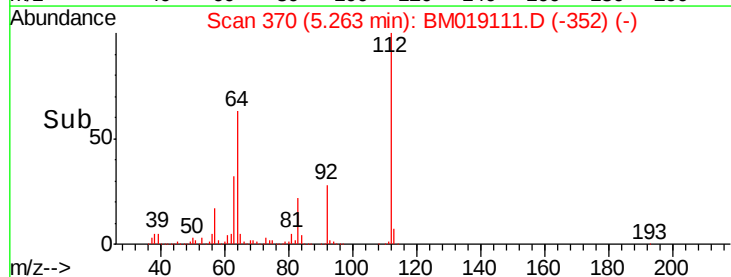


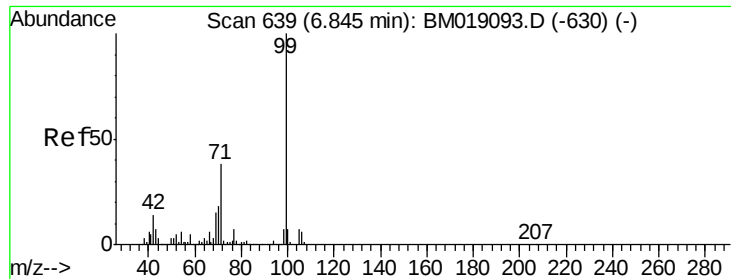
Abundance

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: 124.975 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

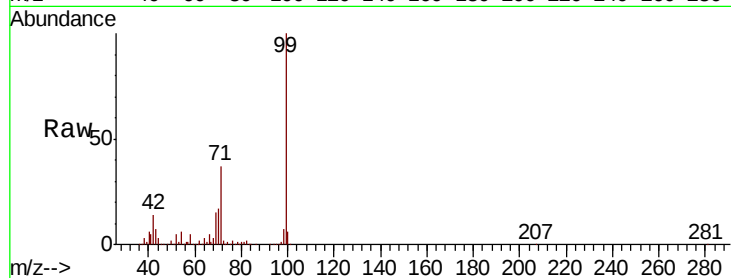
BNA_M

ClientSampleId :

PB117788BL

Tot Ion: 99 Resp: 2206580

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.9	16.3
71	37.3	30.3	45.5

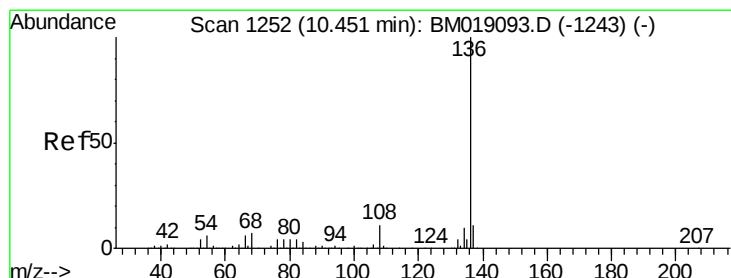
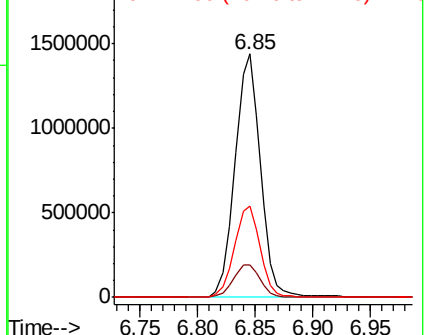
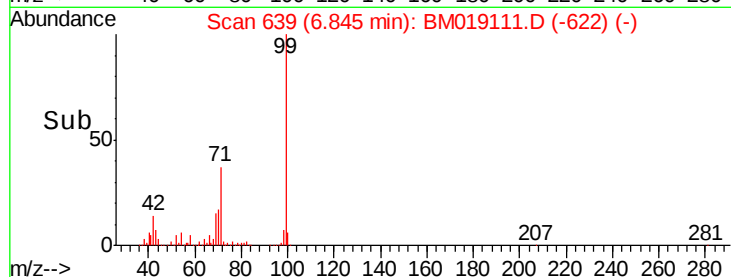


Abundance

Ion 99.00 (98.70 to 99.70): BM019111.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019111.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019111.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

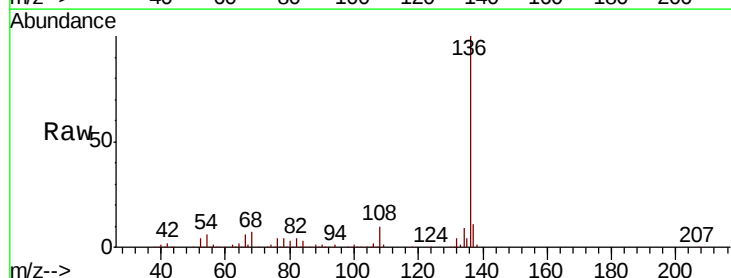
Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Tgt Ion: 136 Resp: 767626

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.5	5.2	7.8
68	7.4	5.8	8.8



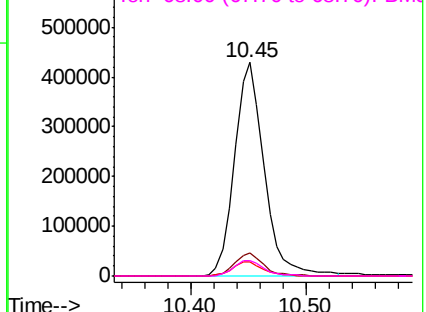
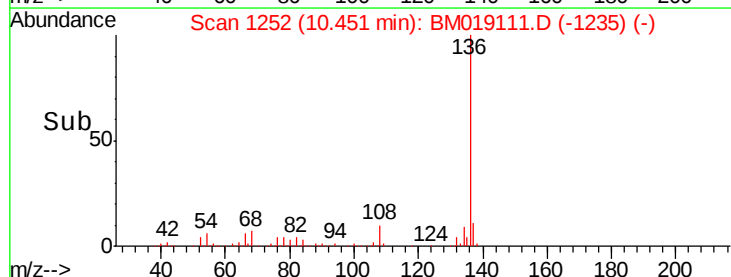
Abundance

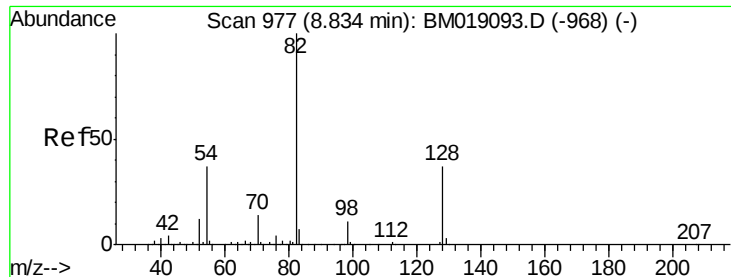
Ion 136.00 (135.70 to 136.70): BM019111.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019111.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019111.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019111.D (-1235) (-)

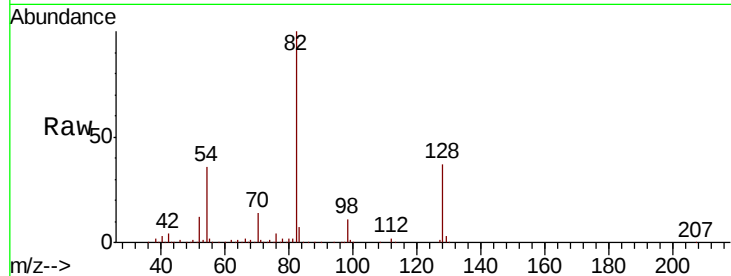




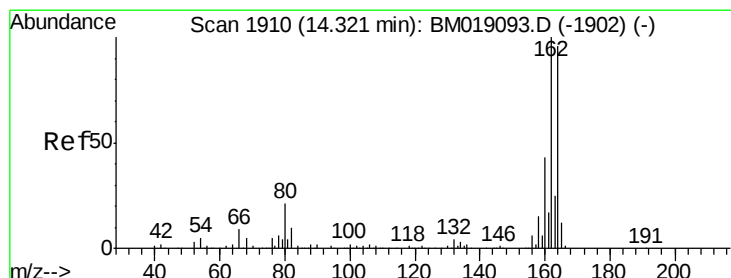
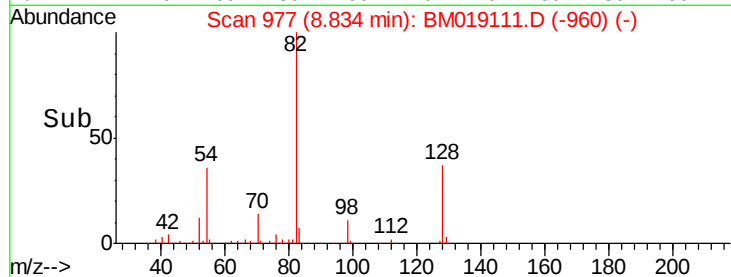
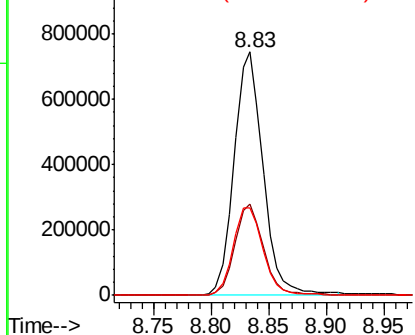
#23
Nitrobenzene-d5
Concen: 80.113 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Instrument :
BNA_M
ClientSampleId :
PB117788BL

Tot Ion: 82 Resp: 1300961
Ion Ratio Lower Upper
82 100
128 37.5 29.4 44.2
54 36.1 29.9 44.9

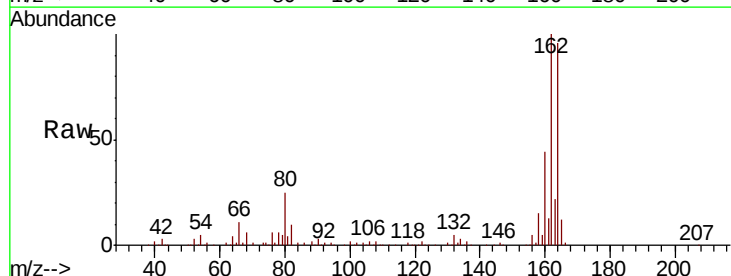


Abundance Ion 82.00 (81.70 to 82.70): BM019111.D (-960) (-)
Ion 128.00 (127.70 to 128.70): BM019111.D (-960) (-)
Ion 54.00 (53.70 to 54.70): BM019111.D (-960) (-)

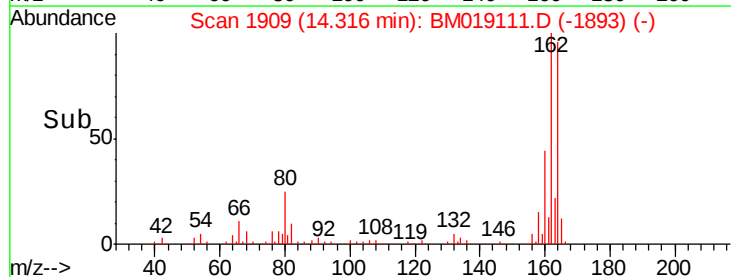
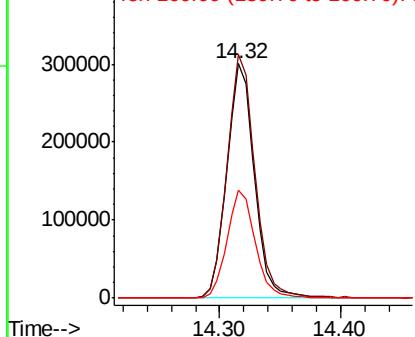


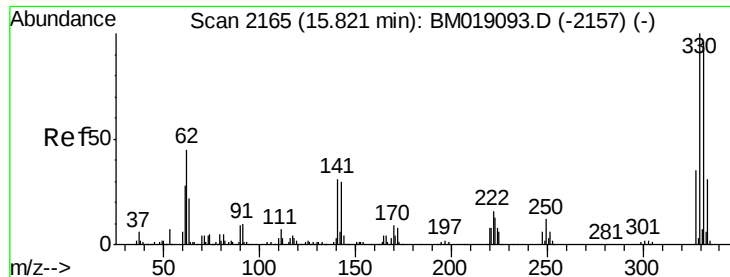
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion:164 Resp: 476084
Ion Ratio Lower Upper
164 100
162 104.0 83.5 125.3
160 46.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BM019111.D (-1893) (-)
Ion 162.00 (161.70 to 162.70): BM019111.D (-1893) (-)
Ion 160.00 (159.70 to 160.70): BM019111.D (-1893) (-)





#42

2,4,6-Tribromophenol

Concen: 130.397 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

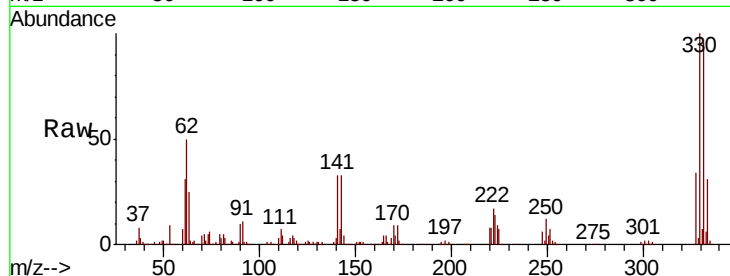
Tot Ion:330 Resp: 916586

Ion Ratio Lower Upper

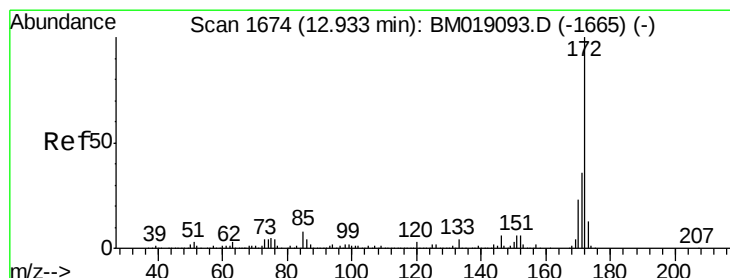
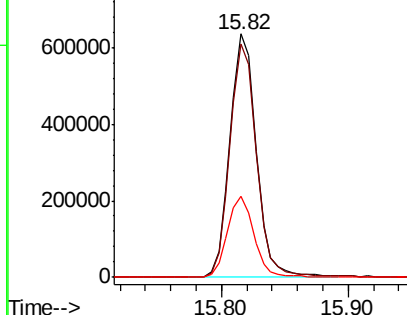
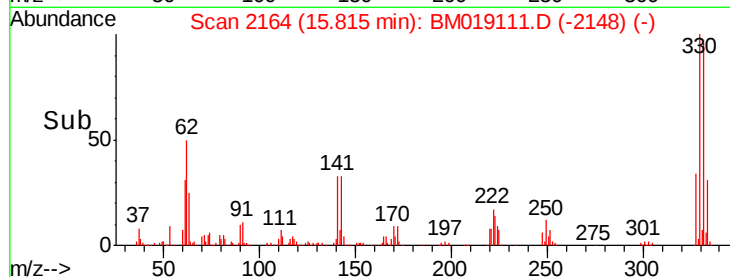
330 100

332 96.5 76.8 115.2

141 33.7 27.0 40.4



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: 79.439 ng

RT: 12.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

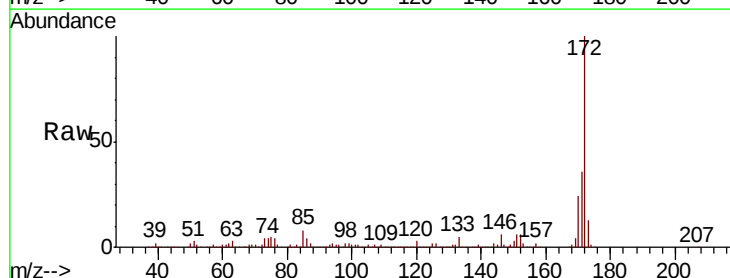
Tgt Ion:172 Resp: 2907488

Ion Ratio Lower Upper

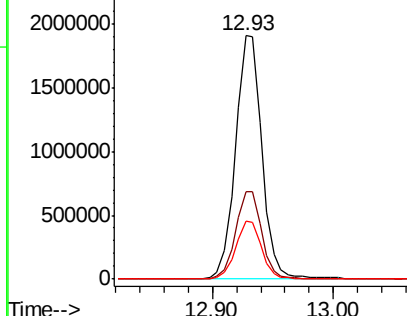
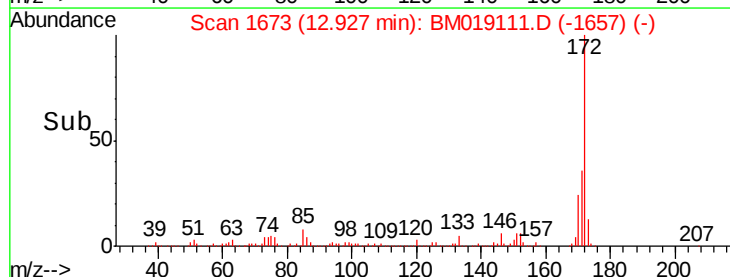
172 100

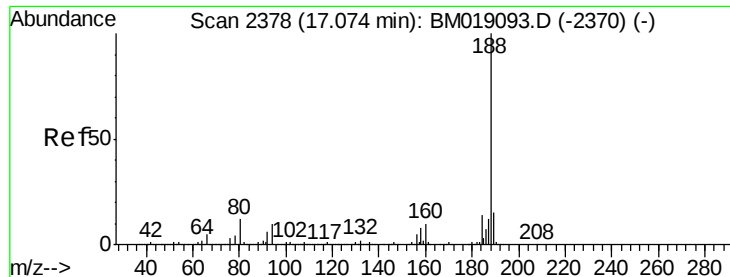
171 35.9 28.6 42.8

170 23.6 18.6 28.0



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: 17.07 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

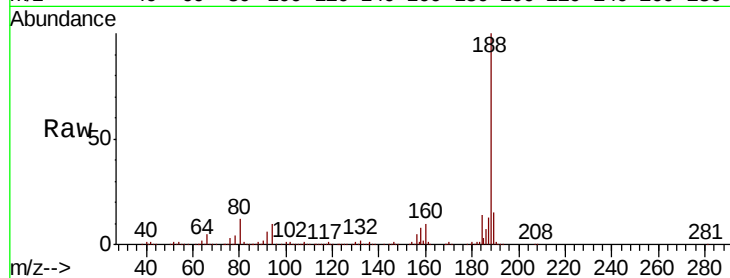
Tot Ion:188 Resp: 1133961

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

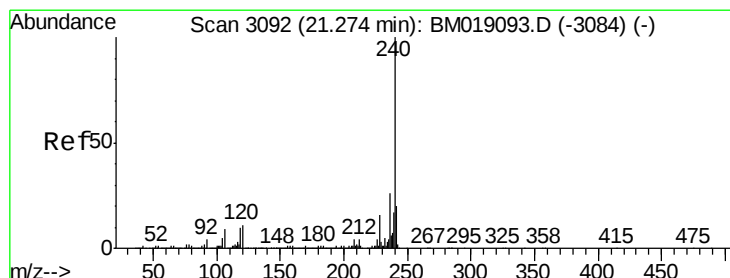
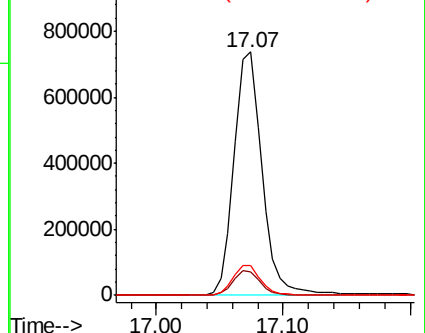
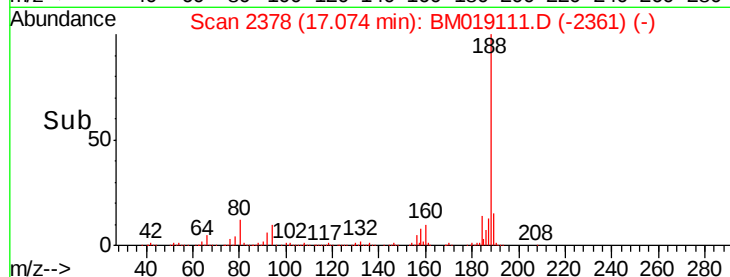
80 12.1 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

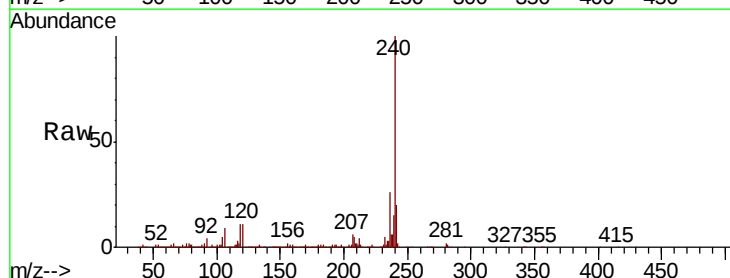
Tgt Ion:240 Resp: 1225628

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

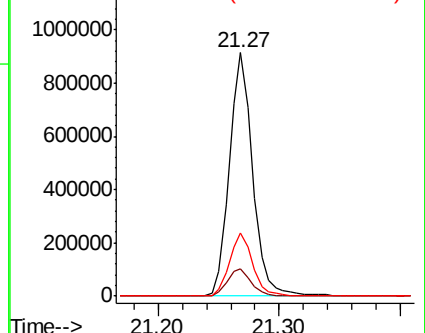
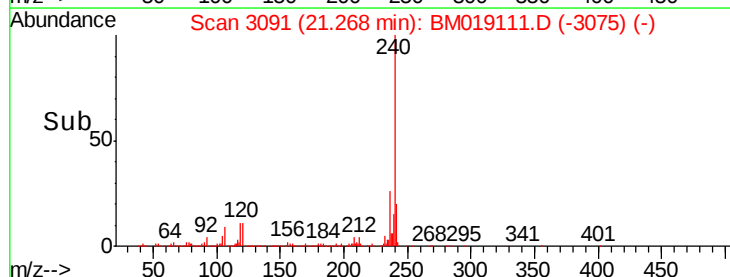
236 26.1 21.0 31.4

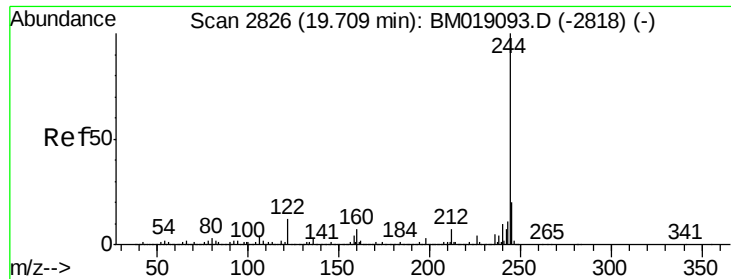


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.780 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

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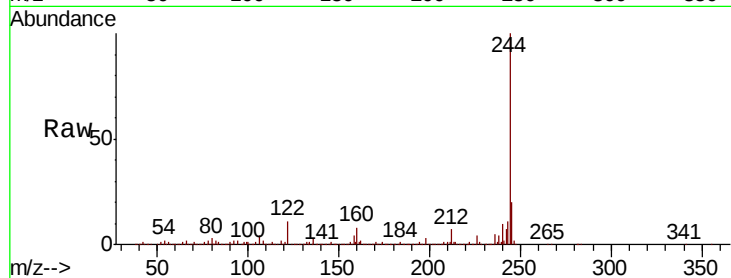
Tot Ion:244 Resp: 5172404

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

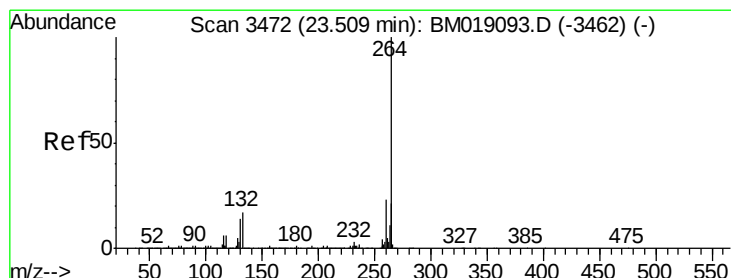
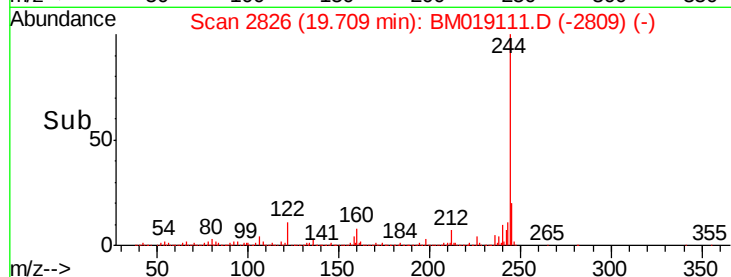
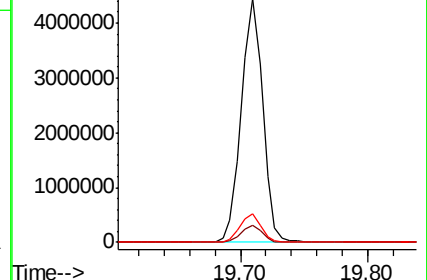
122 11.5 9.4 14.2



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: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

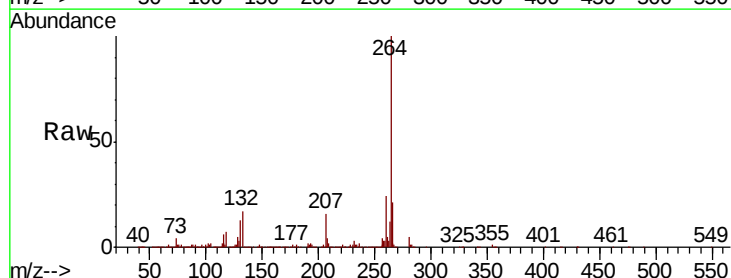
Tgt Ion:264 Resp: 1235314

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.4 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

