

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019157.D
 Acq On : 13 Mar 2019 21:55
 Operator : JU/SJ
 Sample : K187015
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 14 06:57:40 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

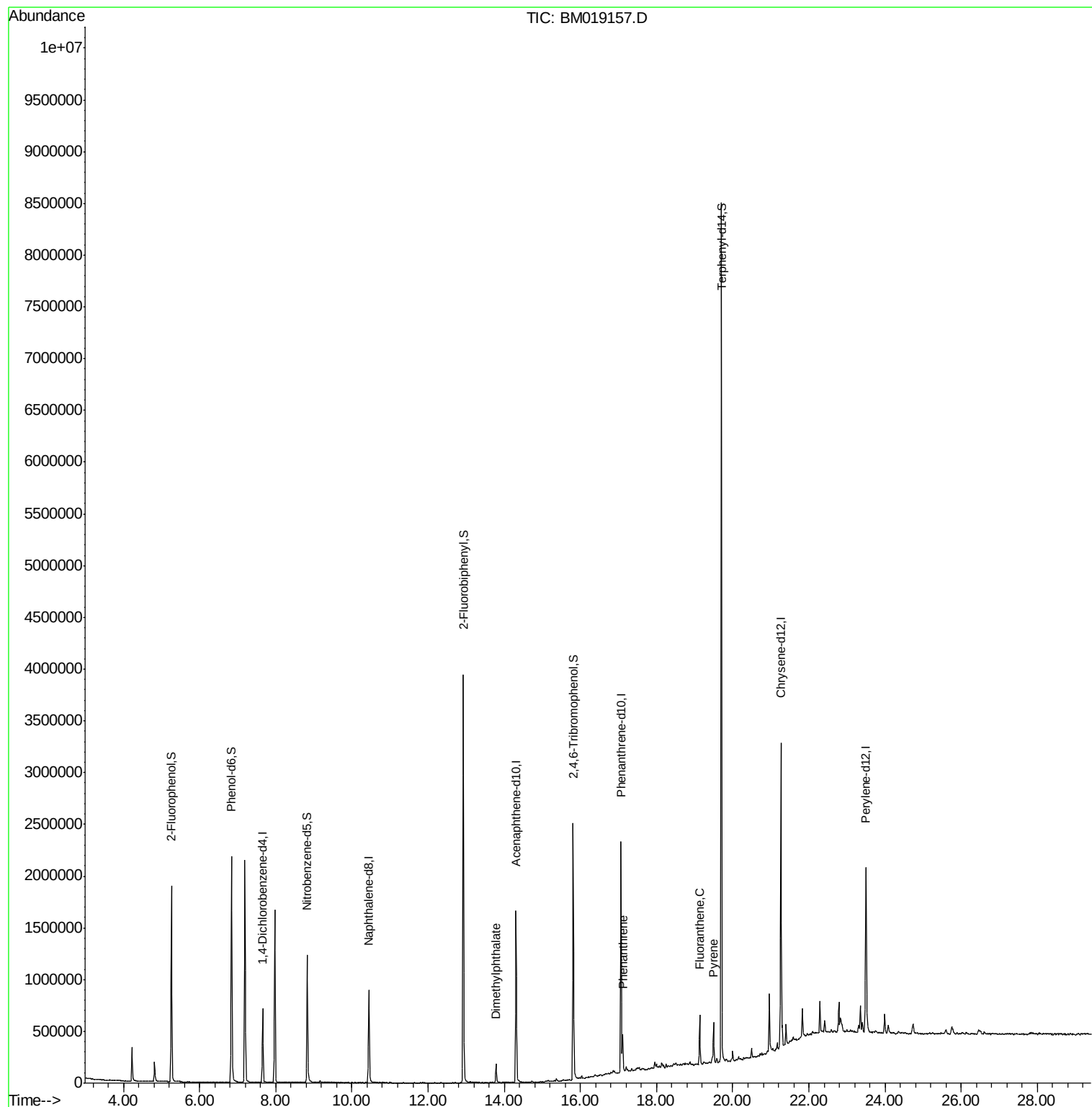
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	184043	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	783848	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	533615	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1260795	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1248333	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1121655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	792809	69.76	ng	0.00
7) Phenol-d6	6.84	99	1321338	79.49	ng	0.00
23) Nitrobenzene-d5	8.83	82	843312	50.86	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	452226	57.40	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2027788	49.43	ng	-0.01
79) Terphenyl-d14	19.70	244	3504482	55.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.78	163	132879	2.911	ng	98
71) Phenanthrene	17.11	178	206058	2.788	ng	99
75) Fluoranthene	19.13	202	277056	3.267	ng	99
78) Pyrene	19.50	202	232590	2.945	ng	99

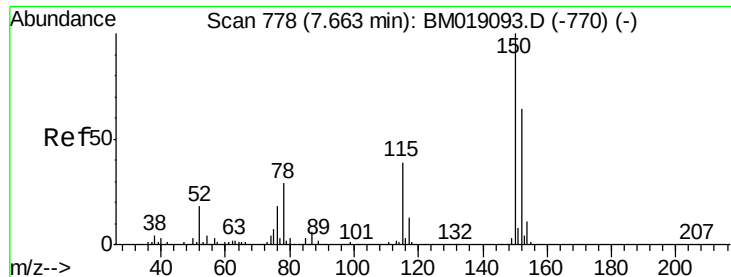
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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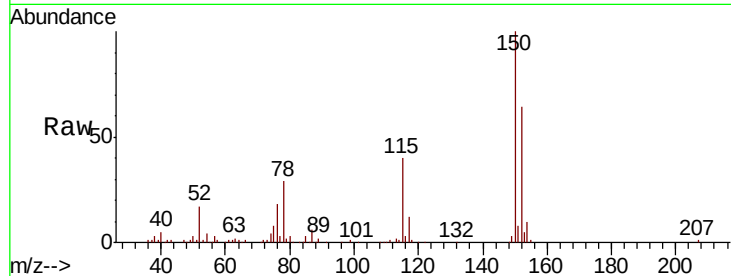


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019157.D
Acq: 13 Mar 2019 21:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	62.9	49.4	74.0

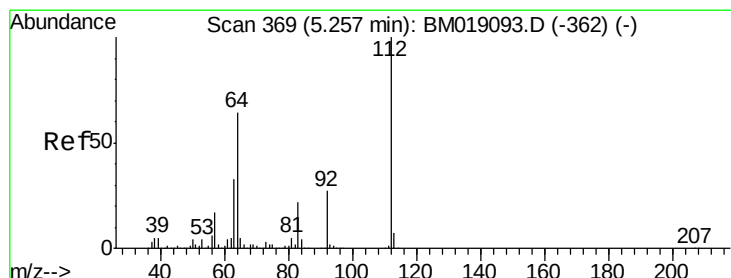
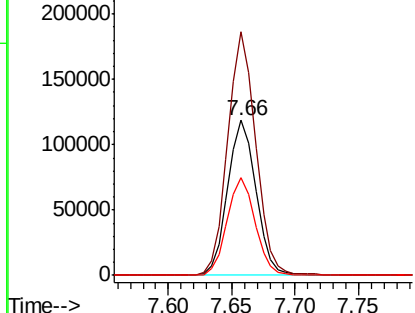
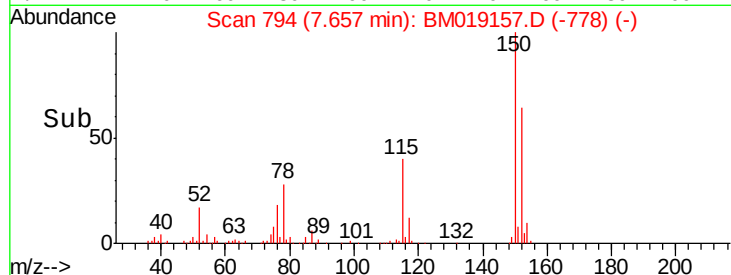


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

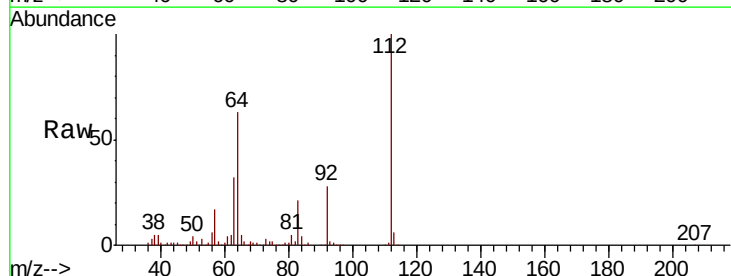
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.763 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019157.D
Acq: 13 Mar 2019 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.4	77.0
63	31.7	26.6	40.0

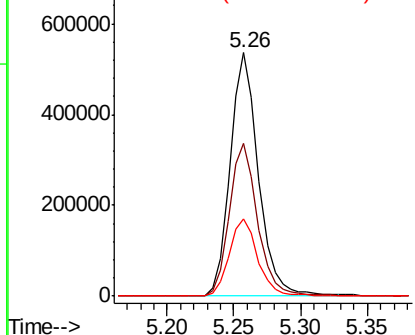
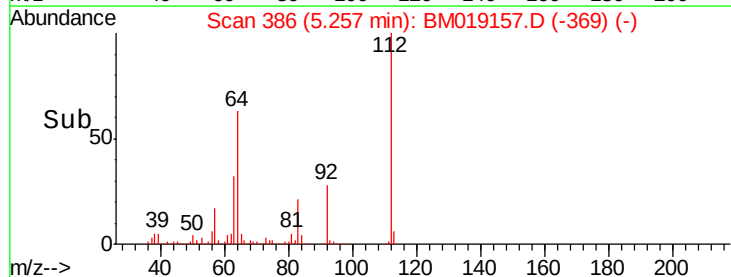


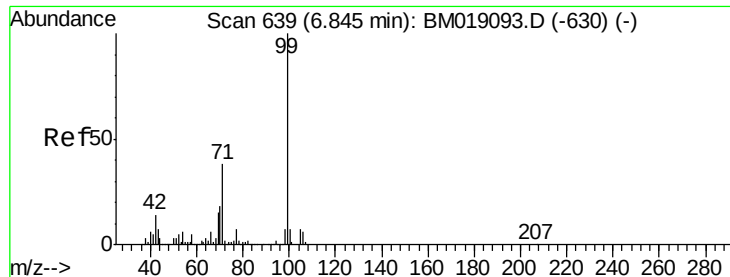
Abundance

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: 79.490 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

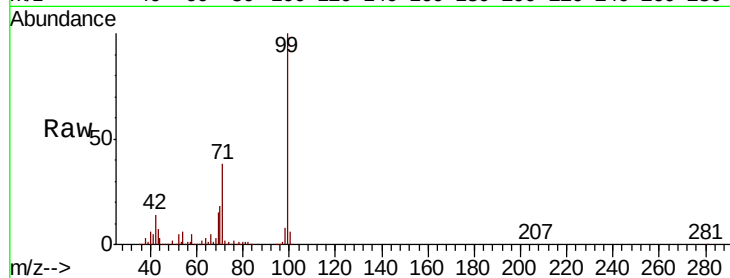
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1321338

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.9	16.3
71	37.8	30.3	45.5

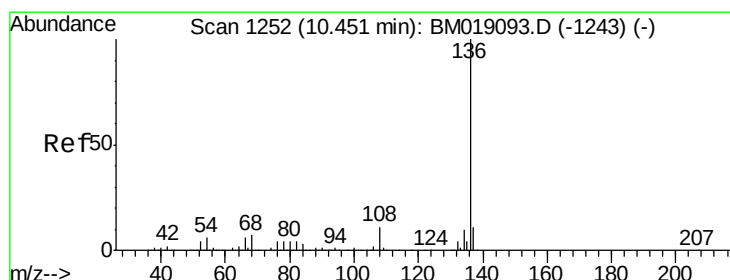
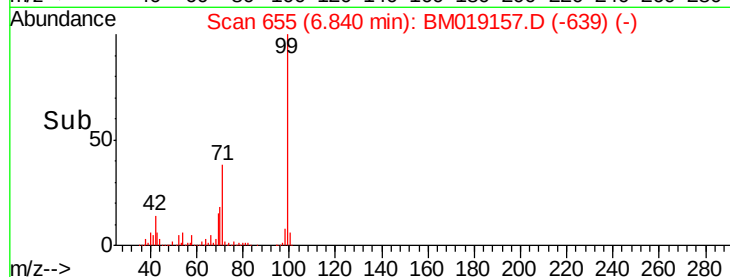
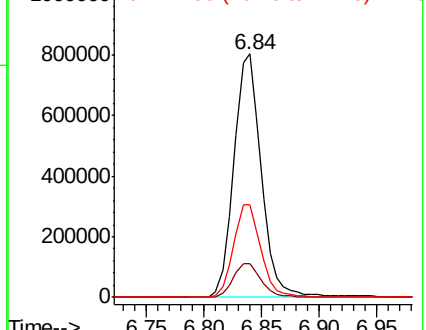


Abundance

Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

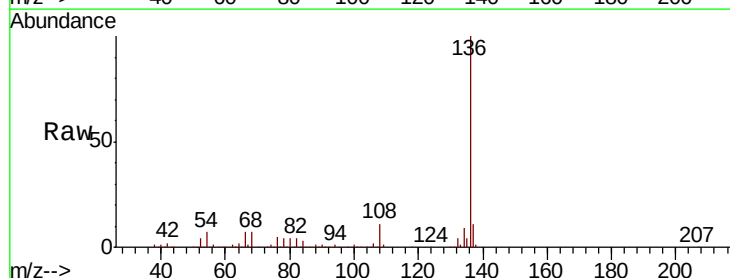
Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

Tgt Ion: 136 Resp: 783848

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.2	7.8
68	7.1	5.8	8.8



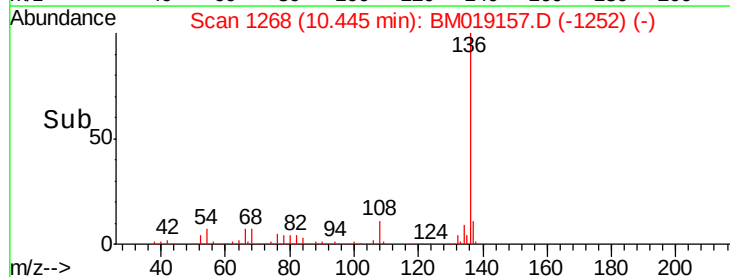
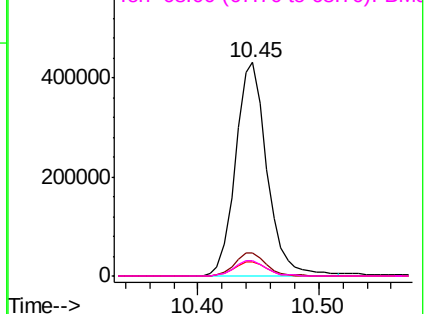
Abundance

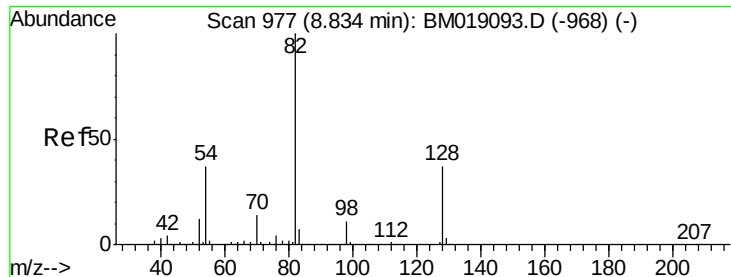
Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

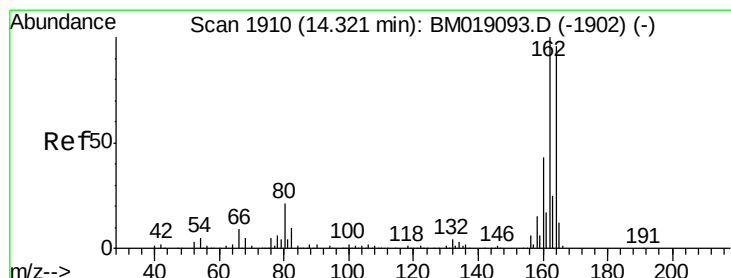
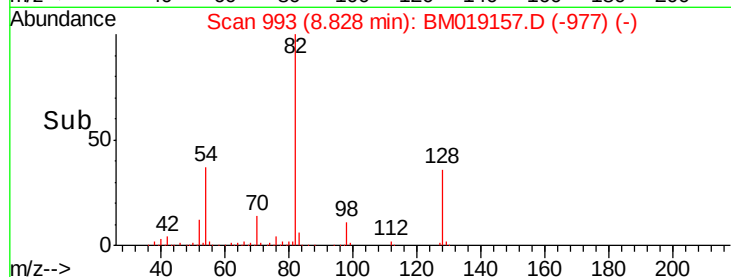
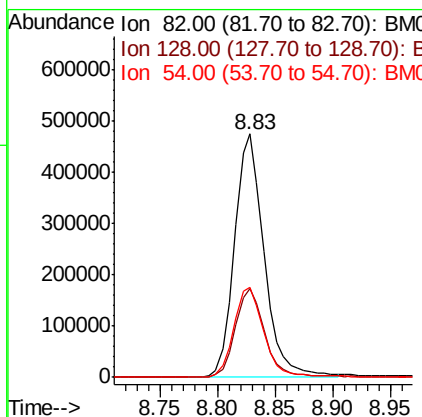
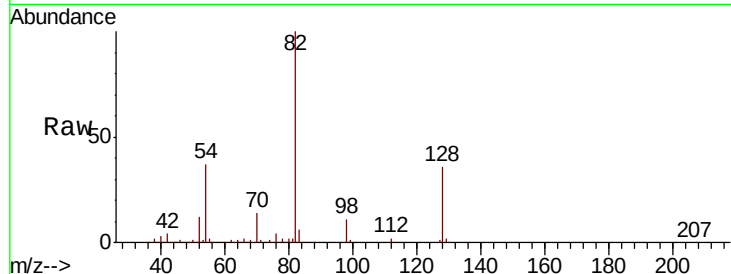




#23
 Nitrobenzene-d5
 Concen: 50.856 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019157.D
 Acq: 13 Mar 2019 21:55

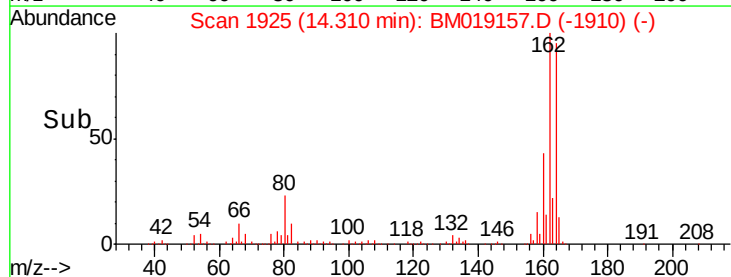
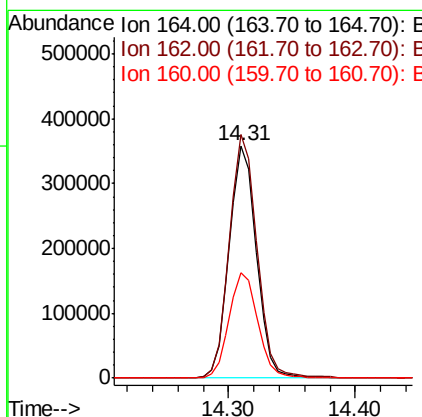
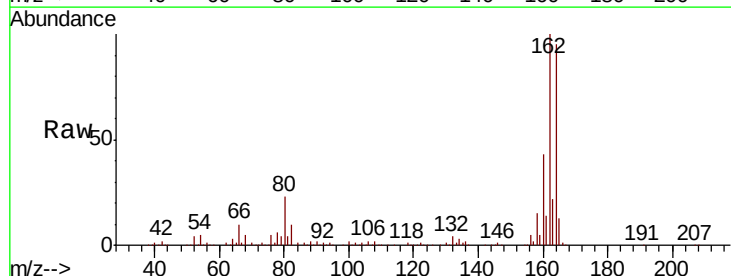
Instrument :
 BNA_M
 ClientSampleId :

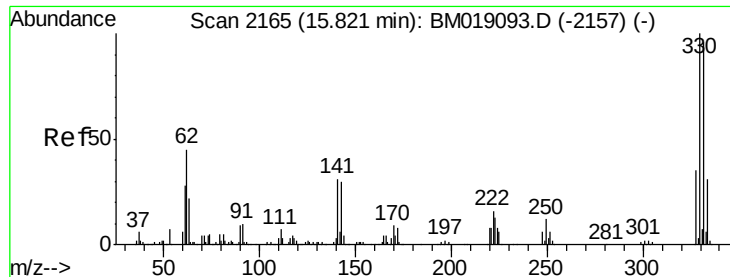
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	37.0	29.9	44.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM019157.D
 Acq: 13 Mar 2019 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.5	125.3
160	45.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 57.399 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

Instrument :

BNA_M

ClientSampleId :

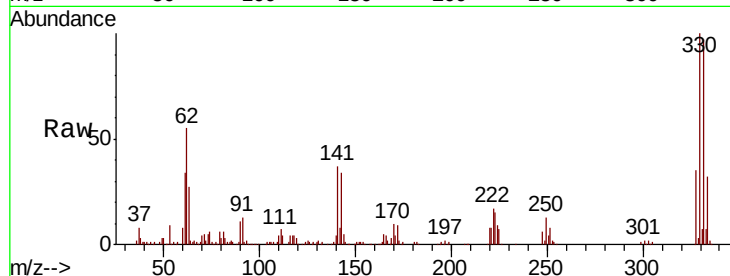
Tot Ion:330 Resp: 452226

Ion Ratio Lower Upper

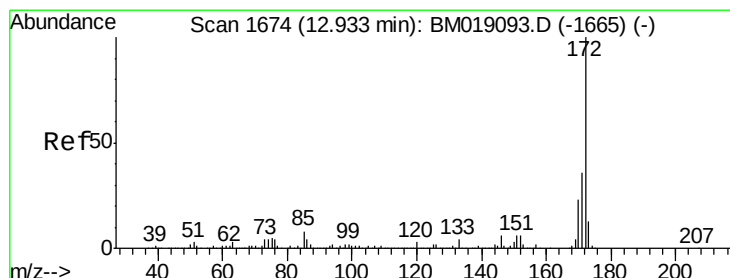
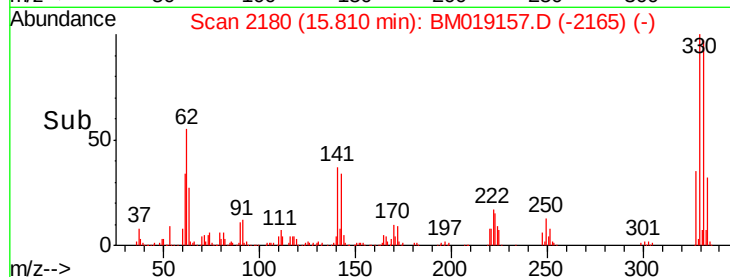
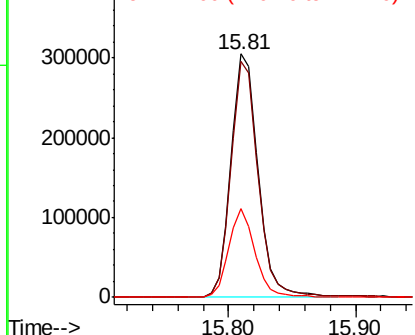
330 100

332 96.7 76.8 115.2

141 35.1 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: 49.430 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

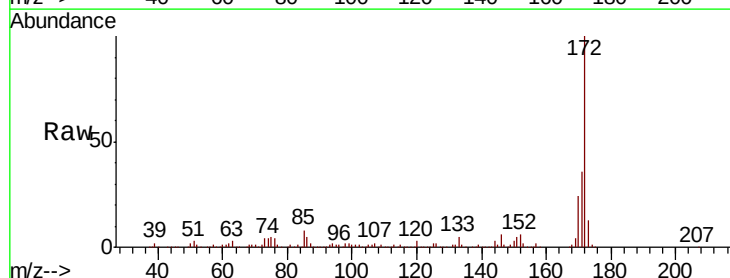
Tgt Ion:172 Resp: 2027788

Ion Ratio Lower Upper

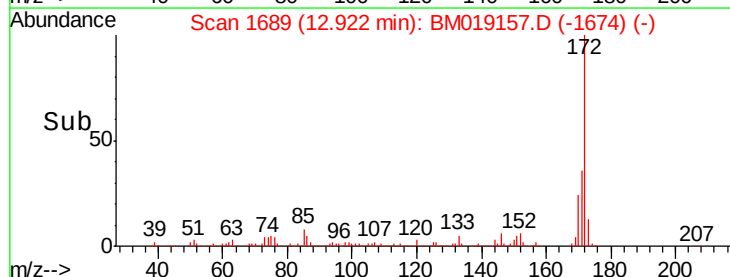
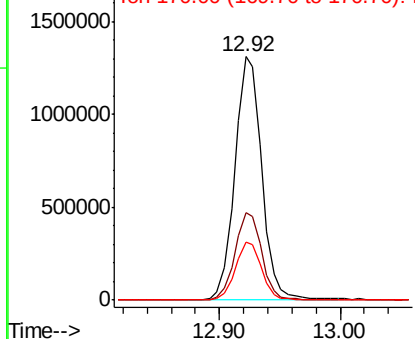
172 100

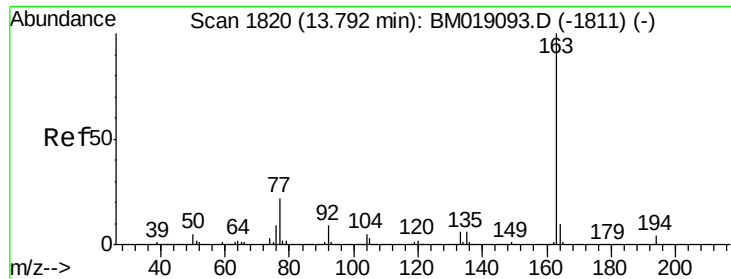
171 35.8 28.6 42.8

170 23.7 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





#50

Dimethylphthalate

Concen: 2.911 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

Instrument :

BNA_M

ClientSampled :

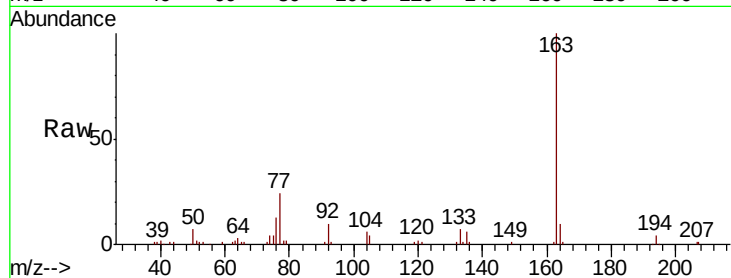
Tot Ion:163 Resp: 132879

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

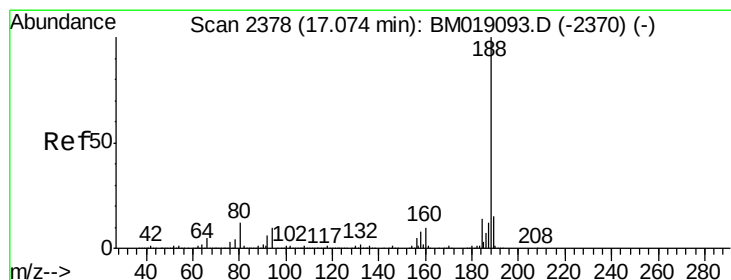
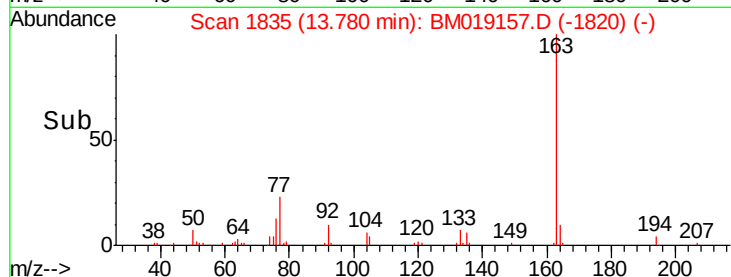
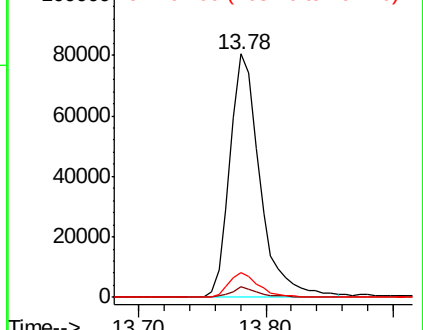
164 10.3 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

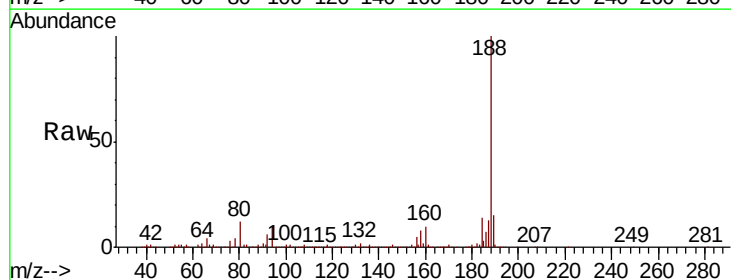
Tgt Ion:188 Resp: 1260795

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

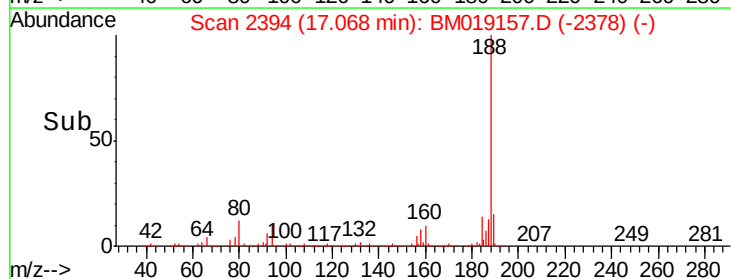
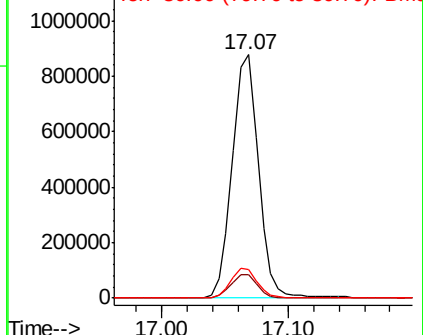
80 11.6 9.7 14.5

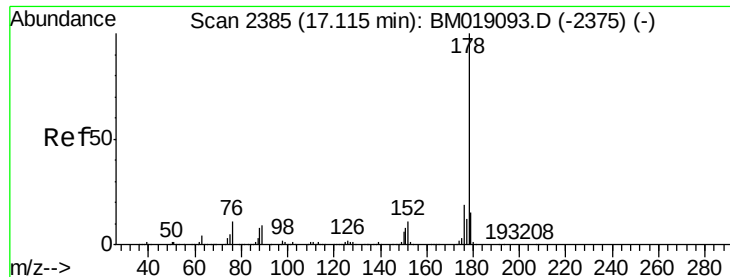


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

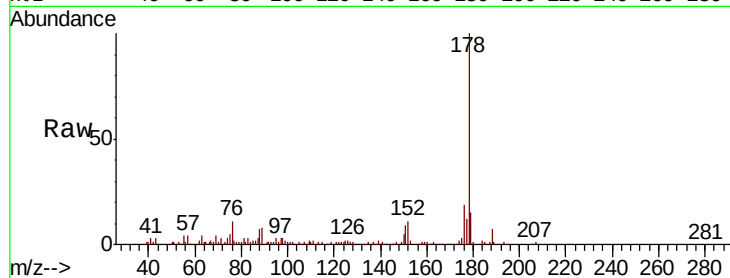




#71
Phenanthrene
Concen: 2.788 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019157.D
Acq: 13 Mar 2019 21:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	14.7	12.2	18.2

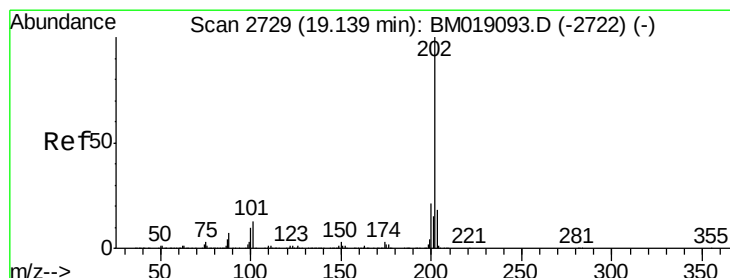
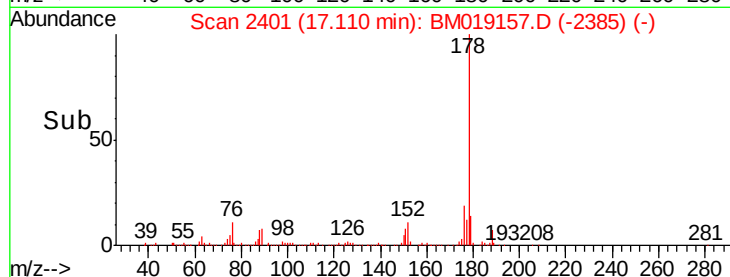
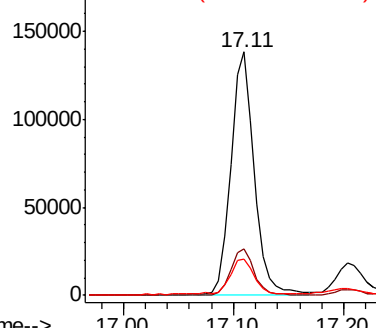


Abundance

Ion 178.00 (177.70 to 178.70): E

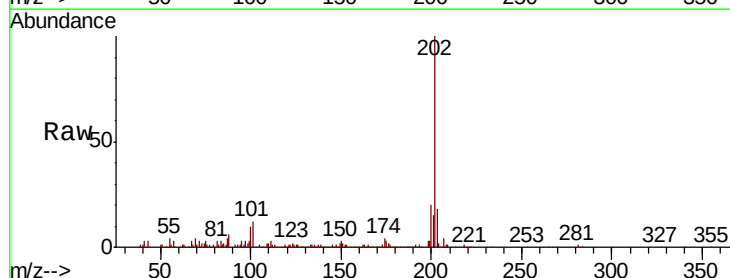
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 3.267 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM019157.D
Acq: 13 Mar 2019 21:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.0
203	17.6	0.0	37.8

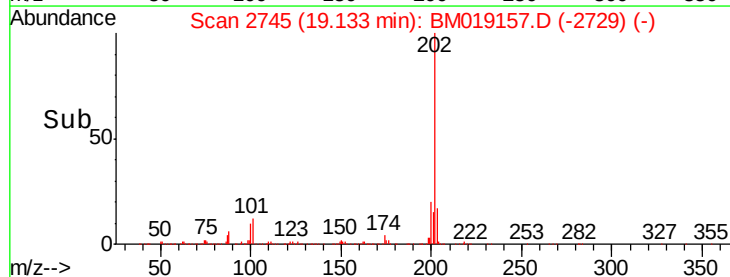
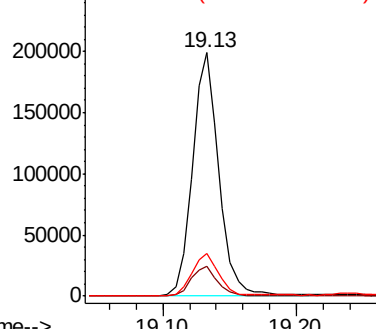


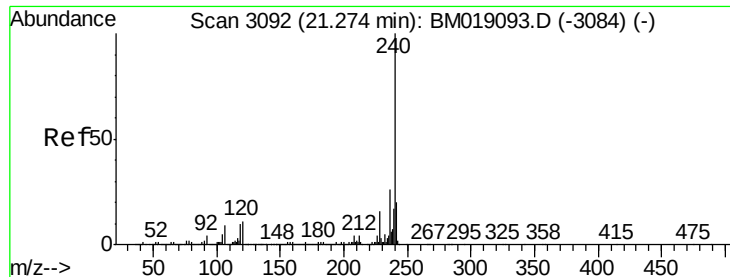
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

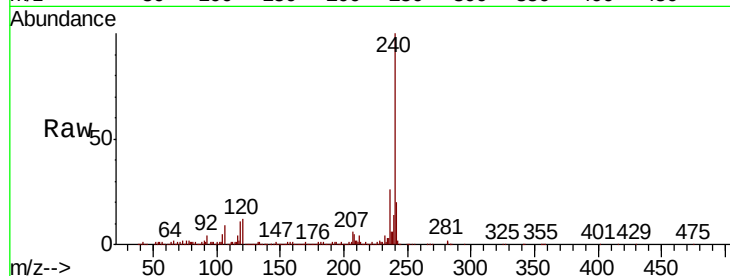




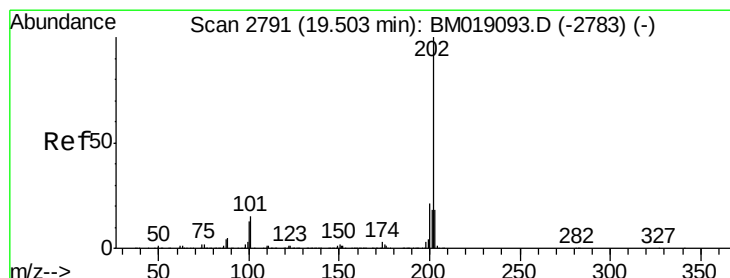
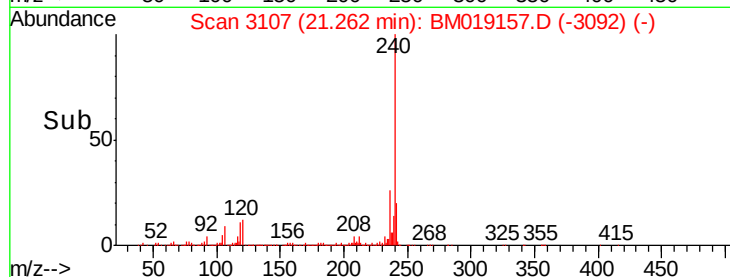
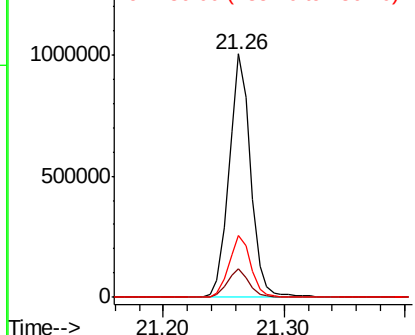
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019157.D
Acq: 13 Mar 2019 21:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 1248333
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.7 21.0 31.4

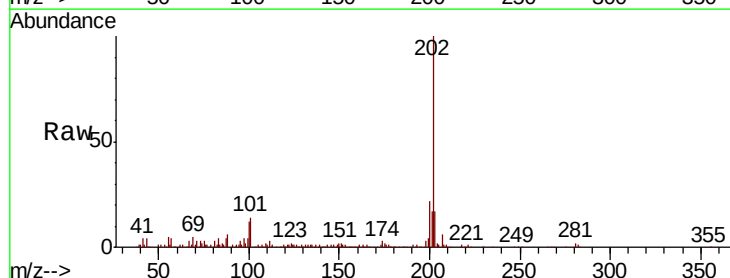


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

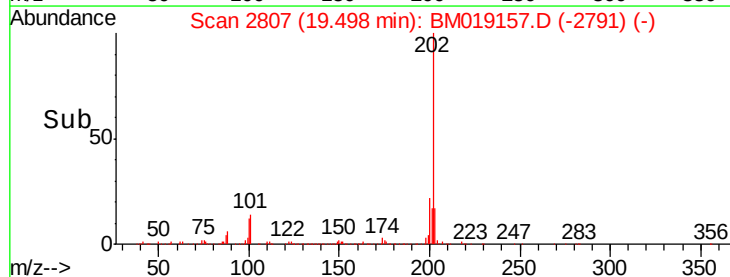
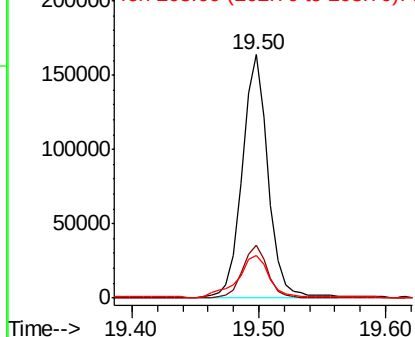


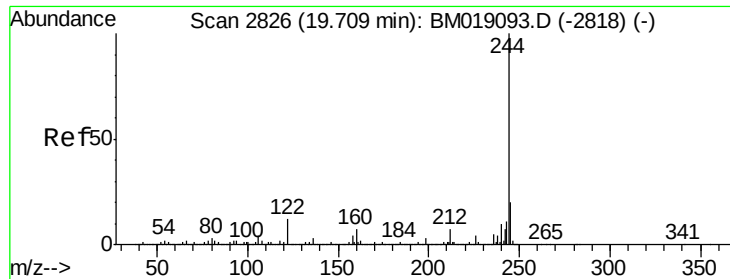
#78
Pyrene
Concen: 2.945 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM019157.D
Acq: 13 Mar 2019 21:55

Tgt Ion:202 Resp: 232590
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.732 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

Instrument :

BNA_M

ClientSampleId :

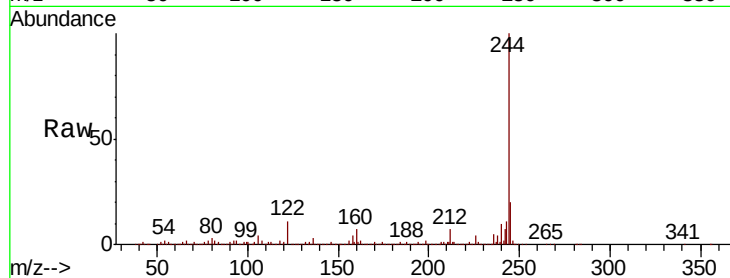
Tot Ion:244 Resp: 3504482

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

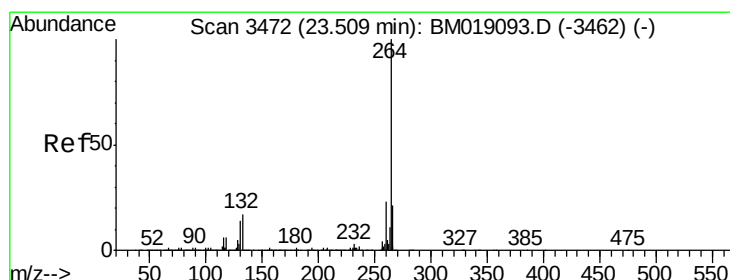
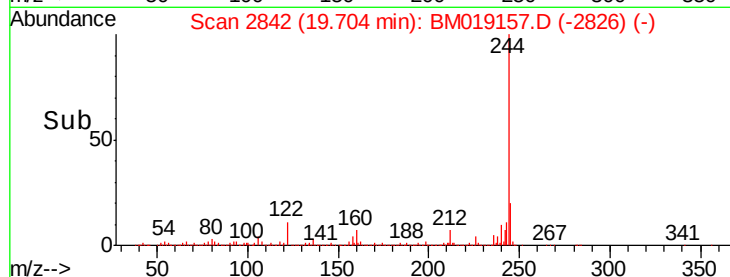
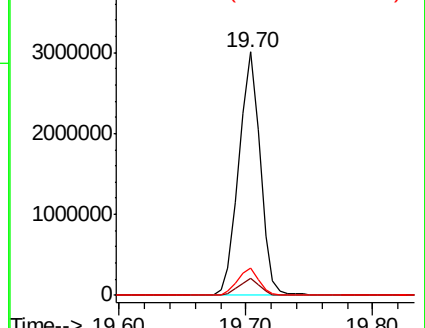
122 11.1 9.4 14.2



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: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019157.D

Acq: 13 Mar 2019 21:55

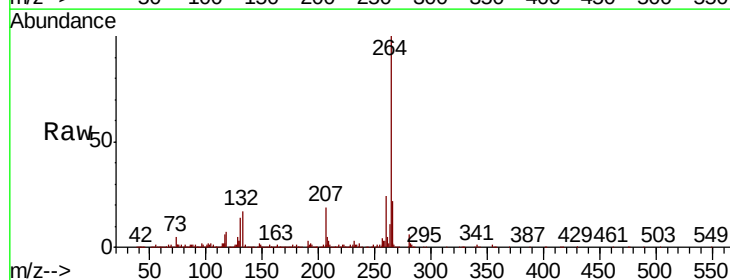
Tgt Ion:264 Resp: 1121655

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.2 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

