

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022236.D
 Acq On : 21 Aug 2019 19:25
 Operator : HP/JU
 Sample : K4096-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-081919

Quant Time: Aug 22 04:06:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	41743	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	158574	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	89596	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	160172	20.00	ng	0.00
76) Chrysene-d12	21.19	240	163635	20.00	ng	0.00
87) Perylene-d12	23.39	264	189811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	39711	16.95	ng	0.00
7) Phenol-d6	6.76	99	51157	16.40	ng	0.00
23) Nitrobenzene-d5	8.74	82	35339	10.84	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	16288	11.23	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	76556	10.67	ng	0.00
79) Terphenyl-d14	19.63	244	91602	8.16	ng	0.00

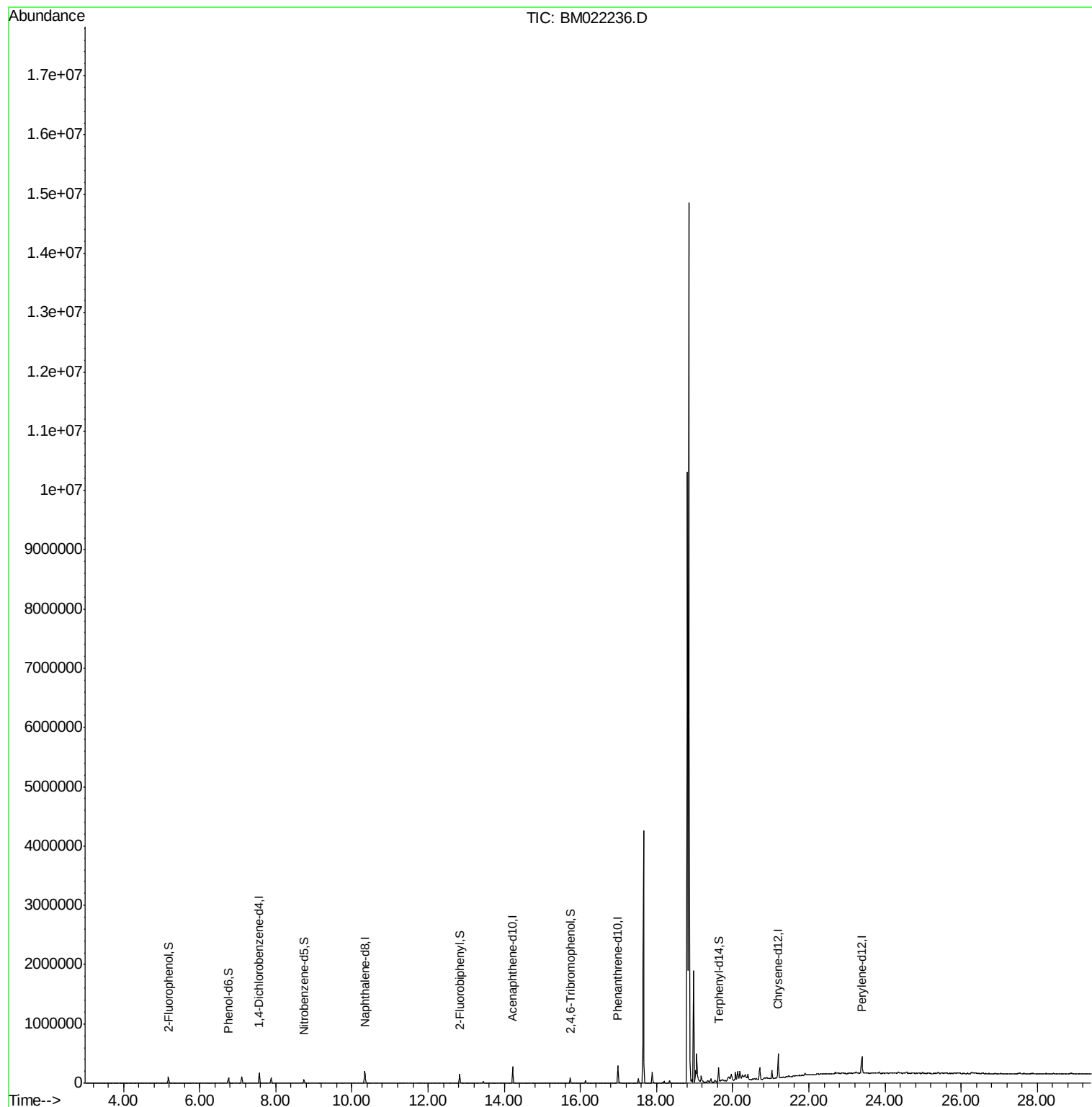
Target Compounds Qvalue

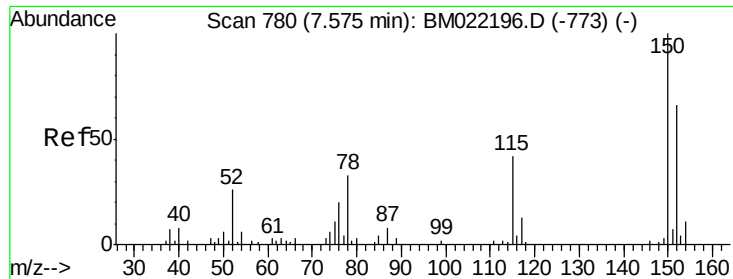
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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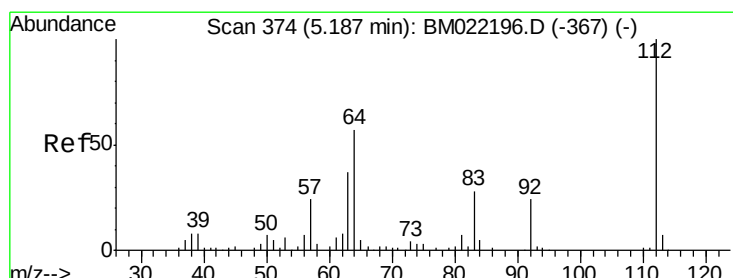
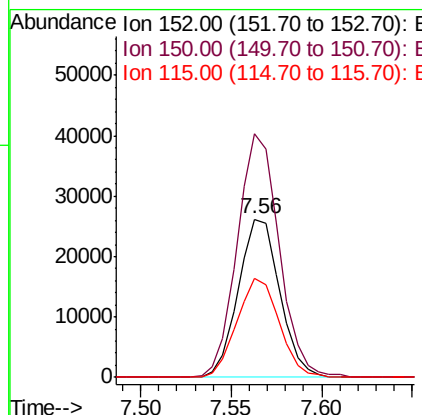
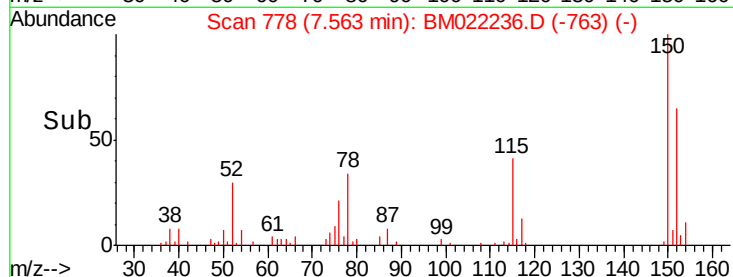
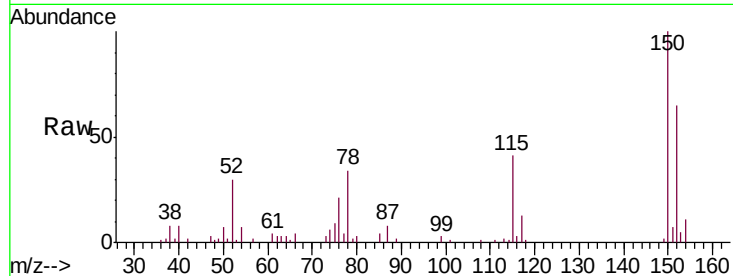


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022236.D
Acq: 21 Aug 2019 19:25

Instrument :
BNA_M
ClientSampleId :
TR-05-081919

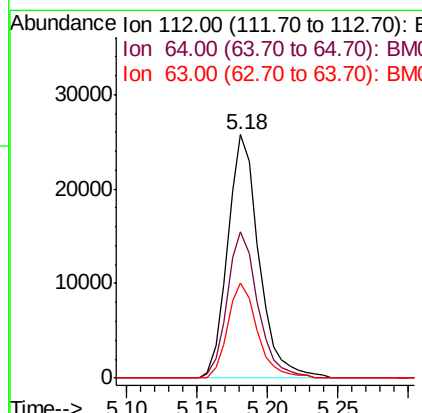
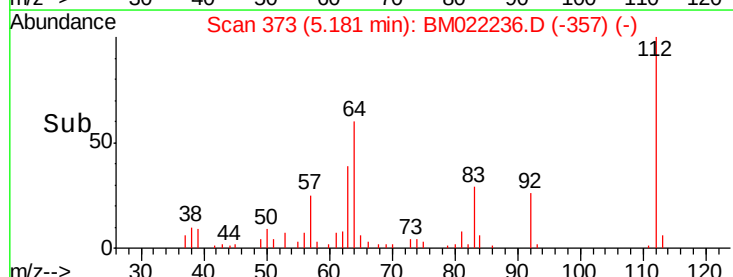
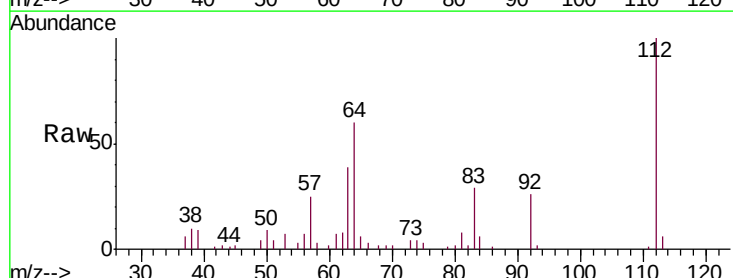
Tot Ion:152 Resp: 41743
Ion Ratio Lower Upper
152 100
150 153.7 123.1 184.7
115 62.5 44.2 66.4

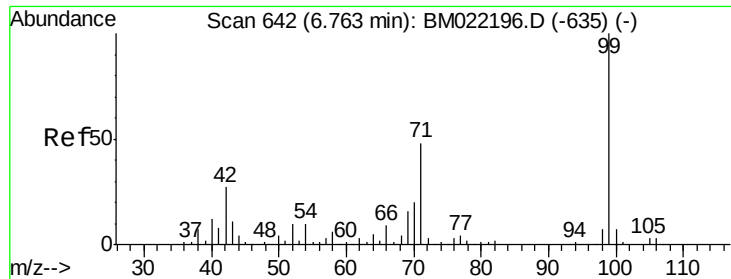


#5

2-Fluorophenol
Concen: 16.952 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM022236.D
Acq: 21 Aug 2019 19:25

Tgt Ion:112 Resp: 39711
Ion Ratio Lower Upper
112 100
64 59.9 45.2 67.8
63 39.2 23.5 35.3#





#7

Phenol-d6

Concen: 16.399 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022236.D

Acq: 21 Aug 2019 19:25

Instrument :

BNA_M

ClientSampleId :

TR-05-081919

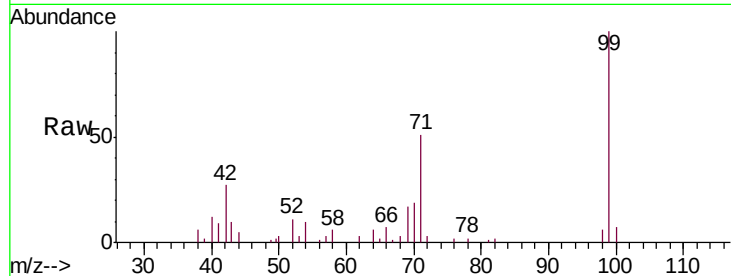
Tot Ion: 99 Resp: 51157

Ion Ratio Lower Upper

99 100

42 26.7 13.5 20.3#

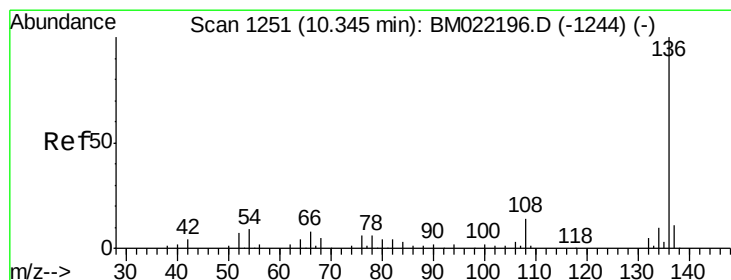
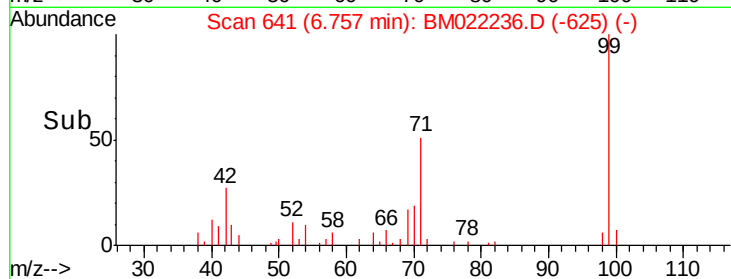
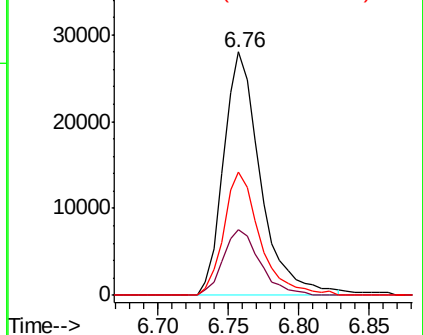
71 50.6 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022236.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022236.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022236.D (-625) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022236.D

Acq: 21 Aug 2019 19:25

Tgt Ion: 136 Resp: 158574

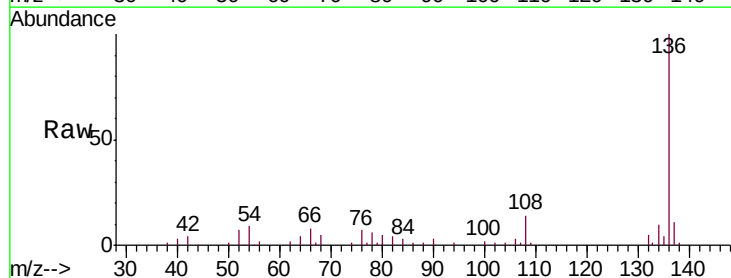
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.3 5.3 7.9#

68 4.7 4.4 6.6

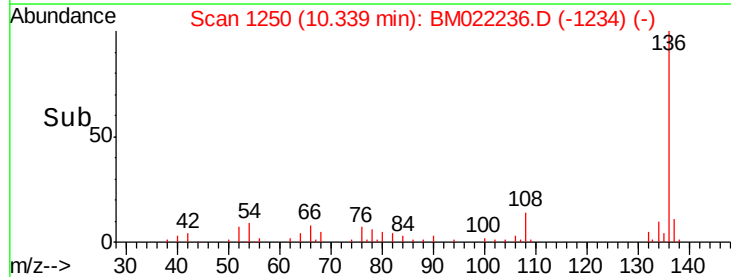
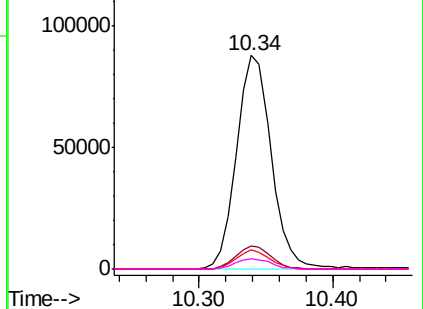


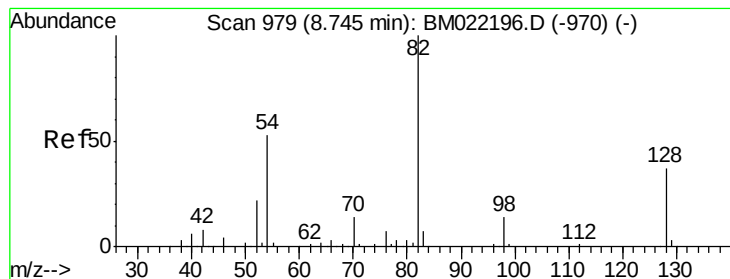
Abundance Ion 136.00 (135.70 to 136.70): BM022236.D (-1234) (-)

Ion 137.00 (136.70 to 137.70): BM022236.D (-1234) (-)

Ion 54.00 (53.70 to 54.70): BM022236.D (-1234) (-)

Ion 68.00 (67.70 to 68.70): BM022236.D (-1234) (-)





#23

Nitrobenzene-d5

Concen: 10.839 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM022236.D

Acq: 21 Aug 2019 19:25

Instrument :

BNA_M

ClientSampleId :

TR-05-081919

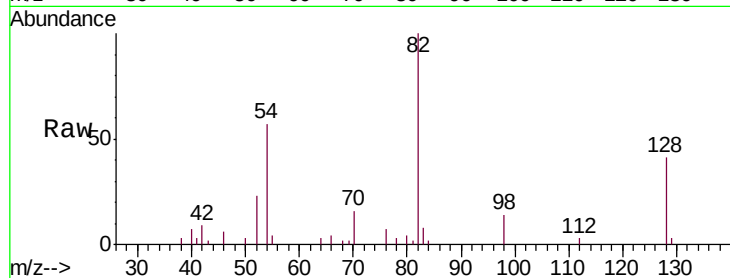
Tot Ion: 82 Resp: 35339

Ion Ratio Lower Upper

82 100

128 41.2 35.9 53.9

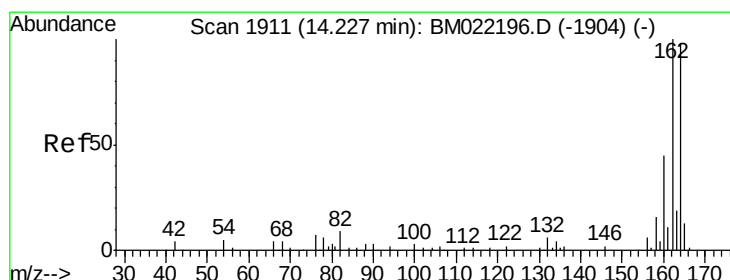
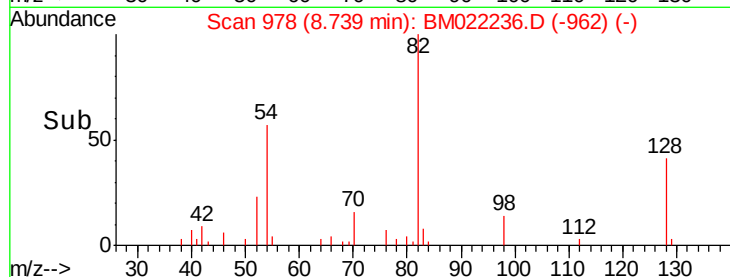
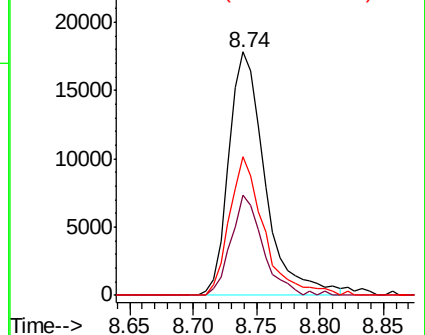
54 56.9 36.6 55.0#



Abundance Ion 82.00 (81.70 to 82.70): BM022236.D (-970) (-)

Ion 128.00 (127.70 to 128.70): BM022236.D (-970) (-)

Ion 54.00 (53.70 to 54.70): BM022236.D (-970) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM022236.D

Acq: 21 Aug 2019 19:25

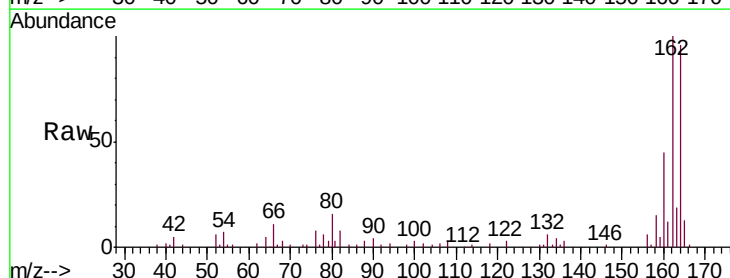
Tgt Ion: 164 Resp: 89596

Ion Ratio Lower Upper

164 100

162 104.3 82.1 123.1

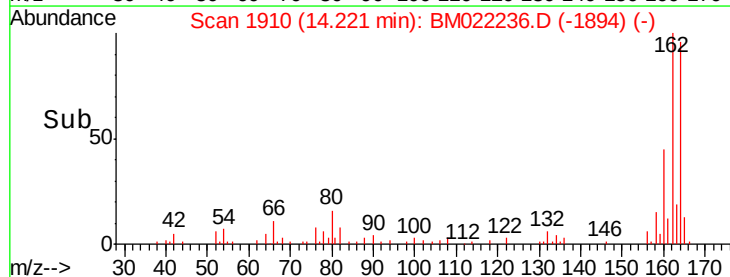
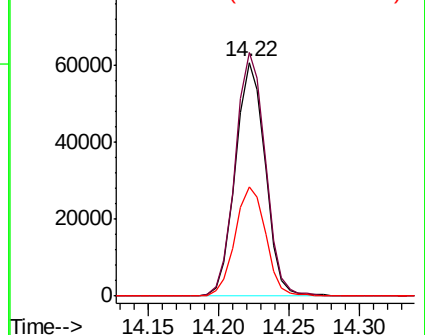
160 47.0 37.1 55.7

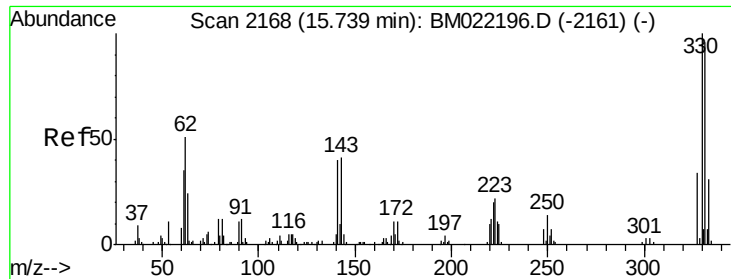


Abundance Ion 164.00 (163.70 to 164.70): BM022236.D (-1894) (-)

Ion 162.00 (161.70 to 162.70): BM022236.D (-1894) (-)

Ion 160.00 (159.70 to 160.70): BM022236.D (-1894) (-)

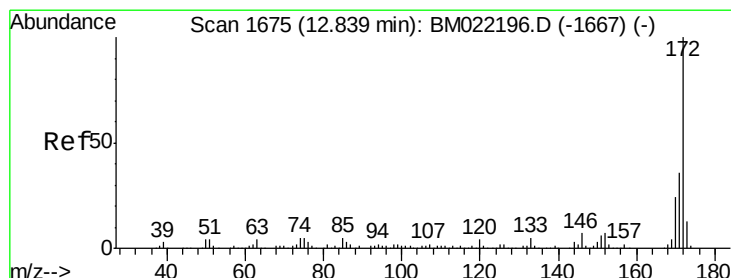
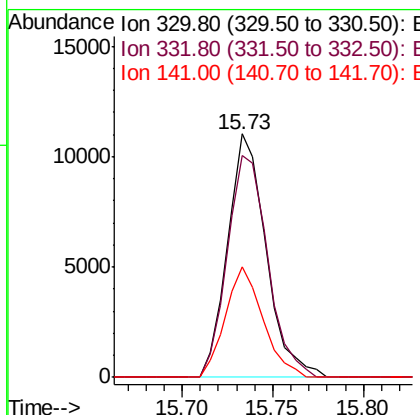
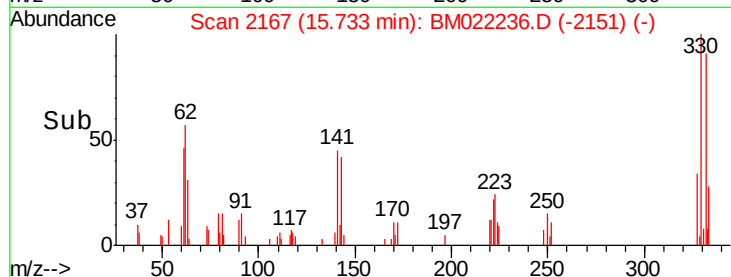
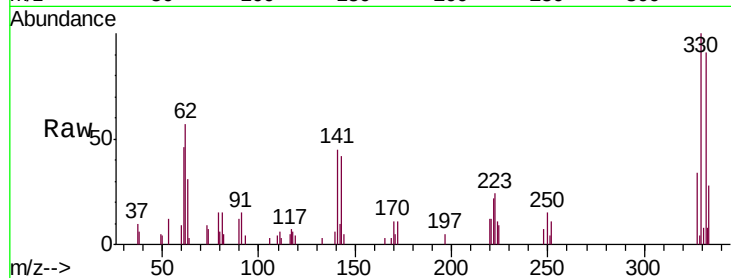




#42
 2,4,6-Tribromophenol
 Concen: 11.232 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022236.D
 Acq: 21 Aug 2019 19:25

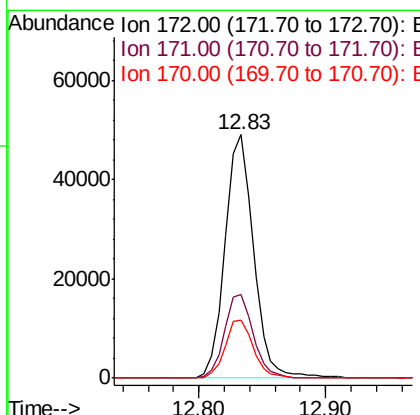
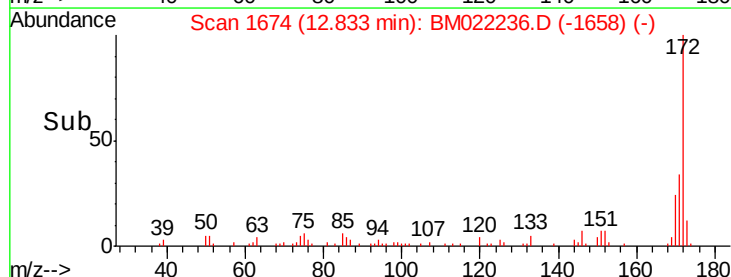
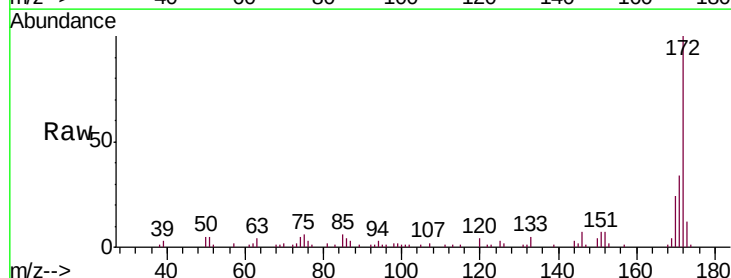
Instrument :
 BNA_M
 ClientSampled :
 TR-05-081919

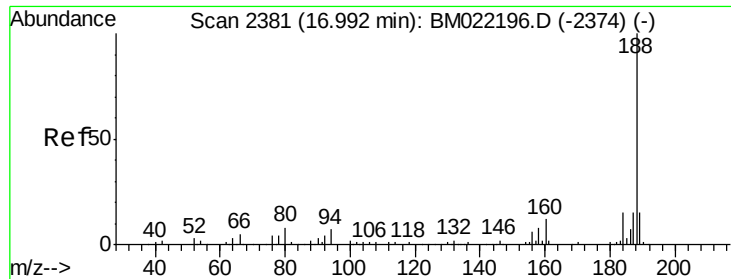
Tot Ion:330 Resp: 16288
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 44.2 21.8 32.8#



#45
 2-Fluorobiphenyl
 Concen: 10.672 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022236.D
 Acq: 21 Aug 2019 19:25

Tgt Ion:172 Resp: 76556
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 43.0
 170 24.1 18.7 28.1

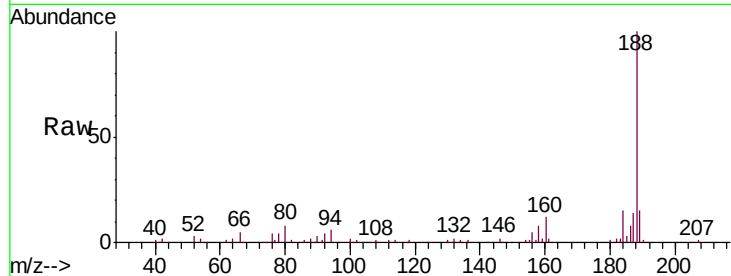




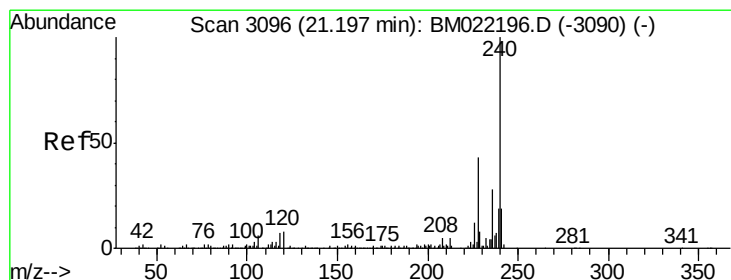
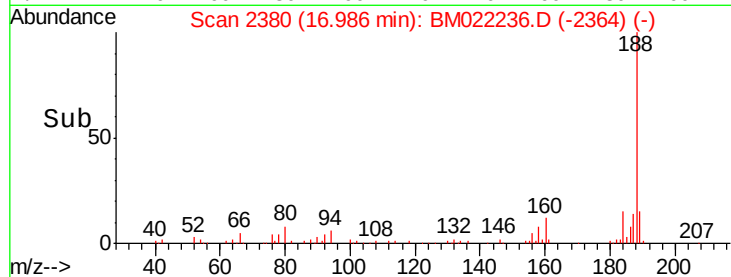
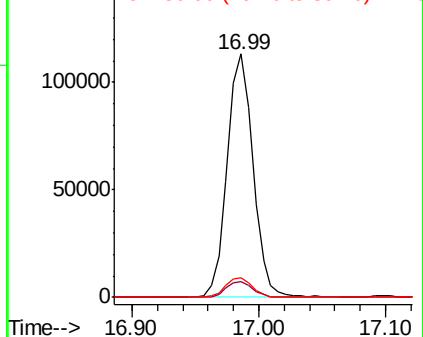
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022236.D
Acq: 21 Aug 2019 19:25

Instrument :
BNA_M
ClientSampleId :
TR-05-081919

Tot Ion:188 Resp: 160172
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.8 6.9 10.3

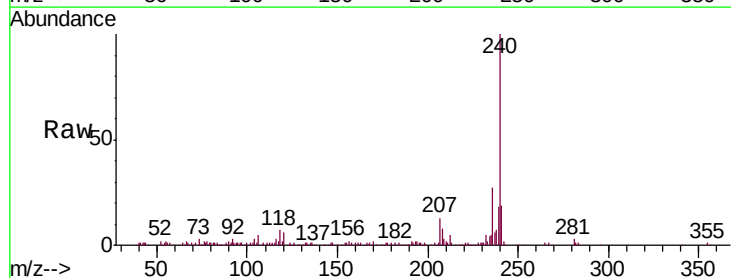


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

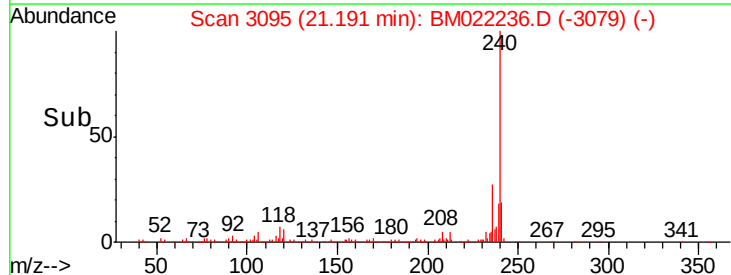
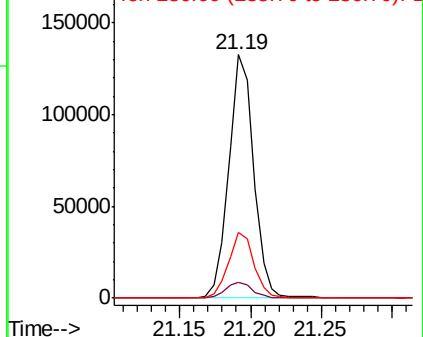


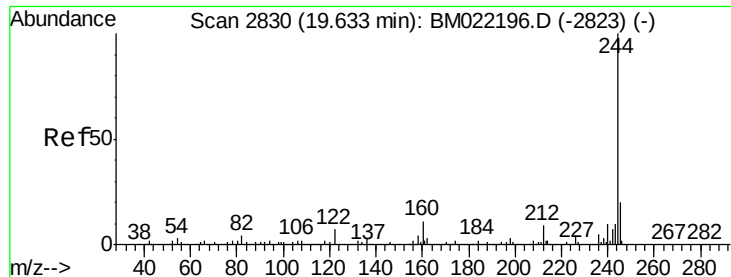
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022236.D
Acq: 21 Aug 2019 19:25

Tgt Ion:240 Resp: 163635
Ion Ratio Lower Upper
240 100
120 6.5 6.9 10.3#
236 27.0 20.4 30.6



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: 8.157 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022236.D

Acq: 21 Aug 2019 19:25

Instrument :

BNA_M

ClientSampleId :

TR-05-081919

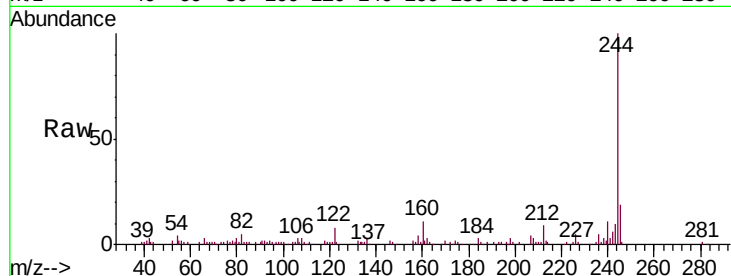
Tot Ion:244 Resp: 91602

Ion Ratio Lower Upper

244 100

212 8.7 5.3 7.9#

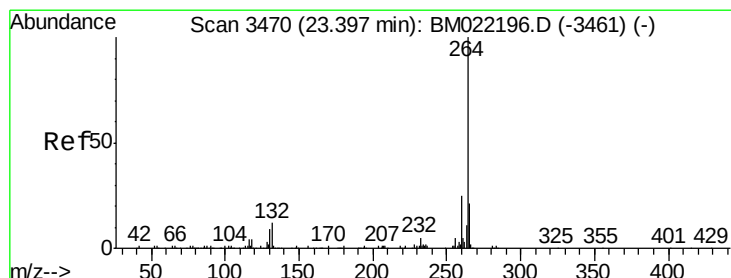
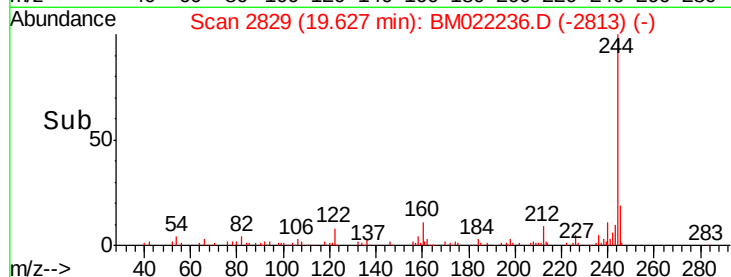
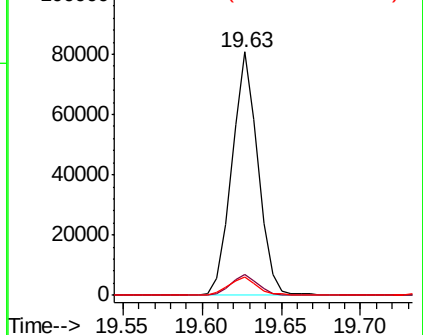
122 7.7 6.6 9.8



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: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM022236.D

Acq: 21 Aug 2019 19:25

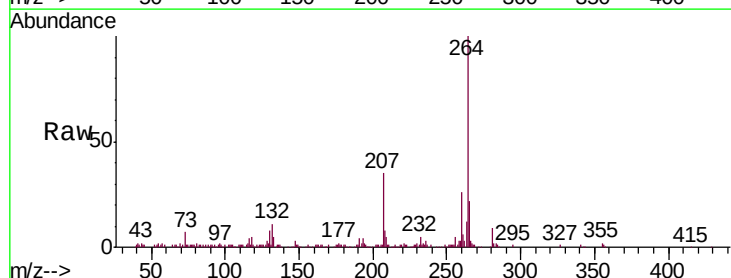
Tgt Ion:264 Resp: 189811

Ion Ratio Lower Upper

264 100

260 25.5 19.0 28.4

265 21.9 17.7 26.5



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

