

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026846.D
 Acq On : 22 Jul 2020 23:33
 Operator : JU/CG
 Sample : L3369-03 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 481848

Quant Time: Jul 23 03:22:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	108378	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	455799	20.00	ng	0.00
39) Acenaphthene-d10	13.97	164	266256	20.00	ng	0.00
64) Phenanthrene-d10	16.73	188	503349	20.00	ng	0.00
76) Chrysene-d12	20.95	240	402726	20.00	ng	0.00
86) Perylene-d12	23.01	264	390590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	3385	0.52	ng	0.01
7) Phenol-d6	6.54	99	3698	0.36	ng	0.03
23) Nitrobenzene-d5	8.47	82	2371	0.22	ng	0.02
42) 2,4,6-Tribromophenol	15.48	330	1146	0.30	ng	0.01
45) 2-Fluorobiphenyl	12.57	172	7983	0.40	ng	0.00
79) Terphenyl-d14	19.39	244	9201	0.45	ng	0.00

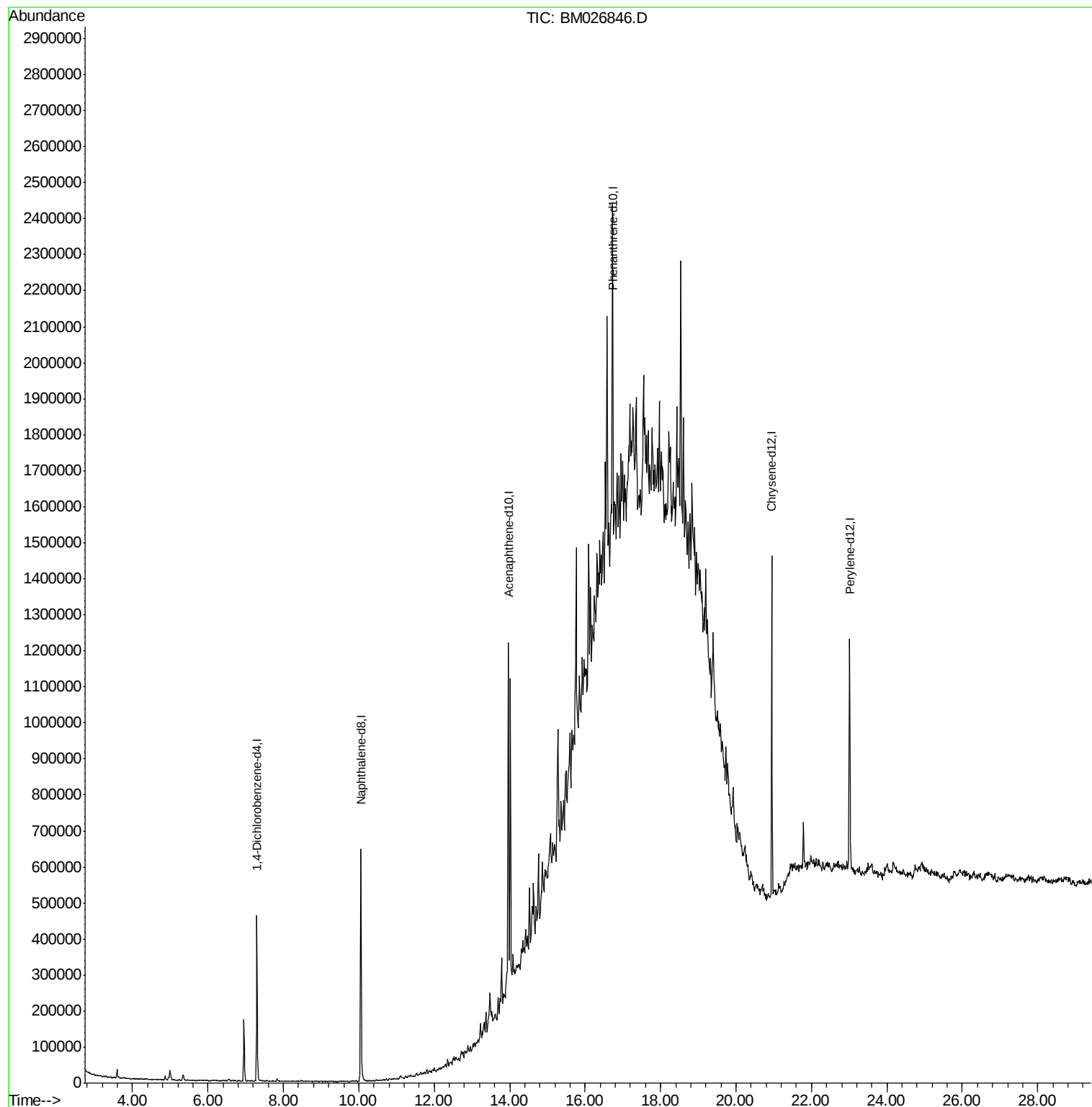
Target Compounds	Qvalue
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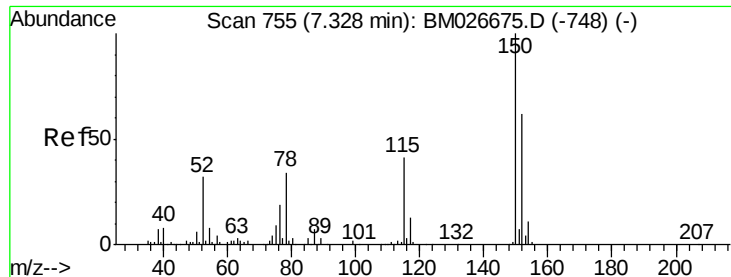
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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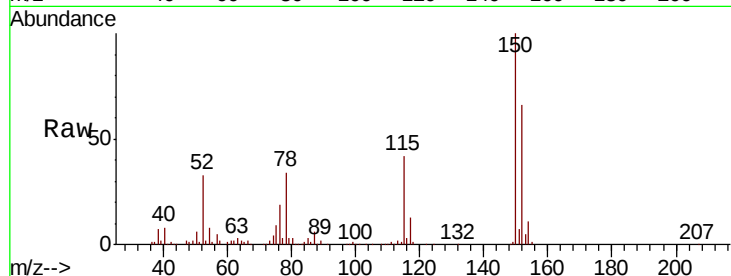


#1

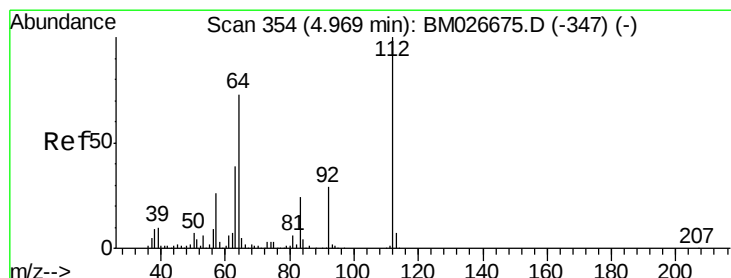
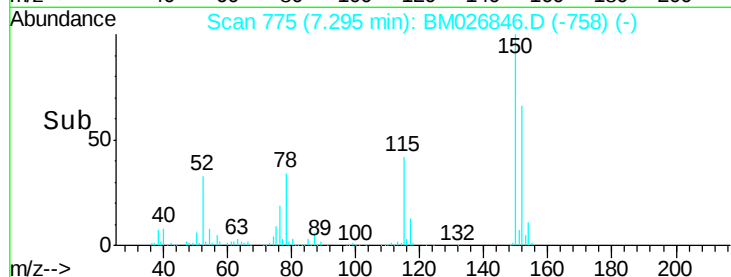
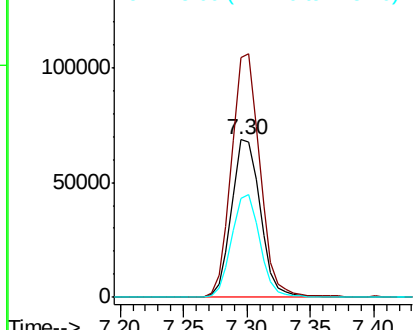
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

Instrument :
BNA_M
ClientSampleId :
481848

Tot Ion:152 Resp: 108378
Ion Ratio Lower Upper
152 100
150 151.8 128.1 192.1
115 63.1 52.2 78.4



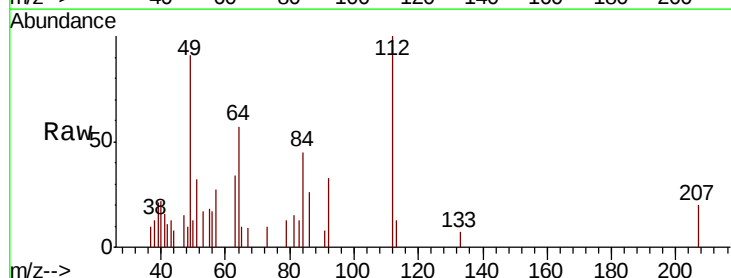
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



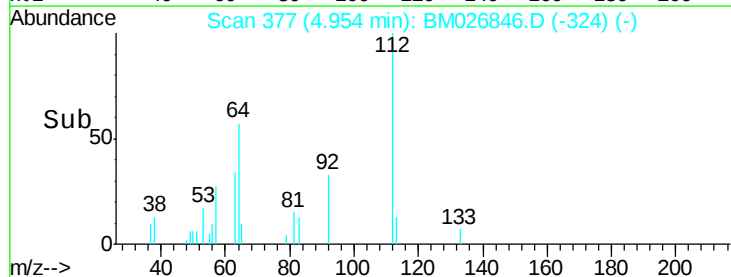
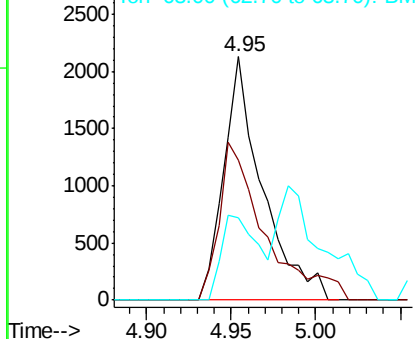
#5

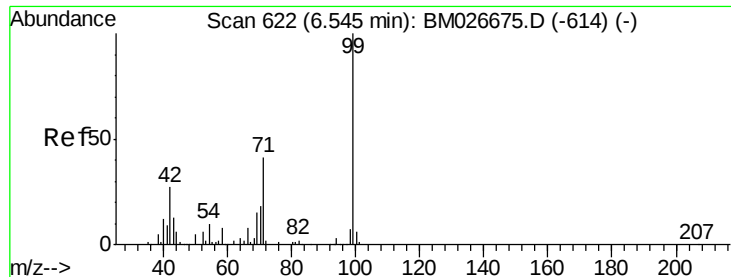
2-Fluorophenol
Concen: 0.523 ng
RT: 4.95 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

Tgt Ion:112 Resp: 3385
Ion Ratio Lower Upper
112 100
64 57.3 58.4 87.6#
63 33.8 31.5 47.3



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: 0.359 ng

RT: 6.54 min Scan# 647

Delta R.T. 0.03 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Instrument :

BNA_M

ClientSampleId :

481848

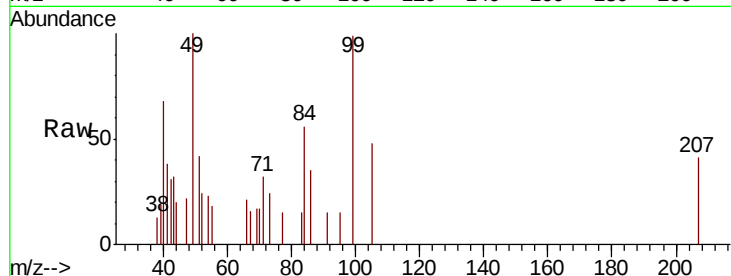
Tot Ion: 99 Resp: 3698

Ion Ratio Lower Upper

99 100

42 31.0 21.7 32.5

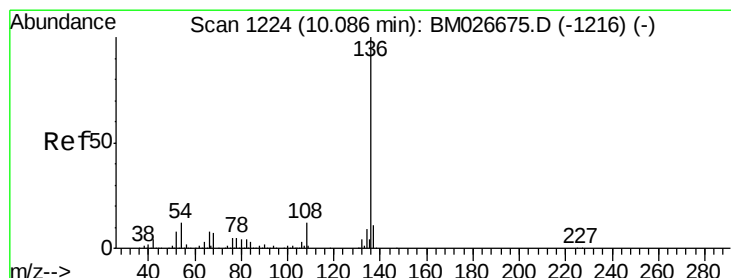
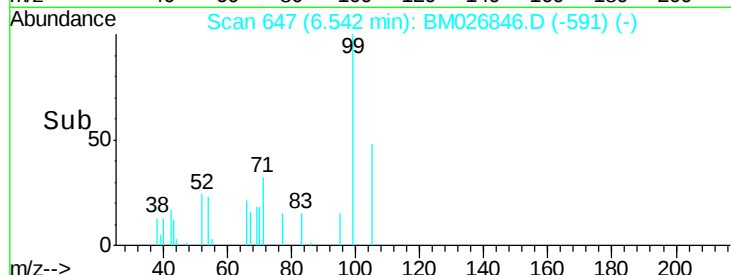
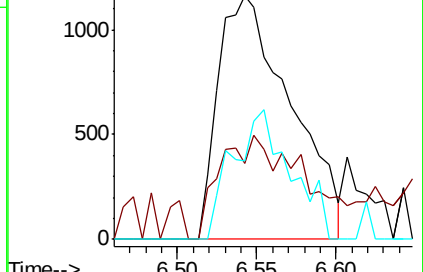
71 32.2 33.2 49.8#



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Tgt Ion: 136 Resp: 455799

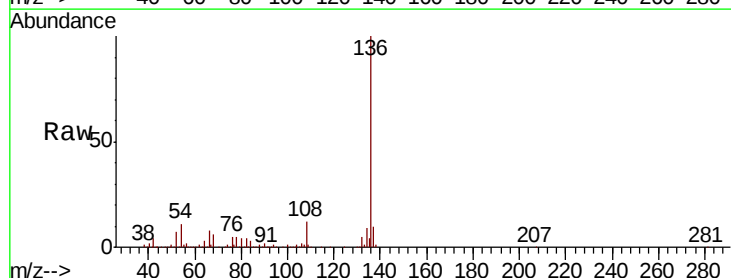
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 11.3 9.8 14.6

68 6.0 5.8 8.6

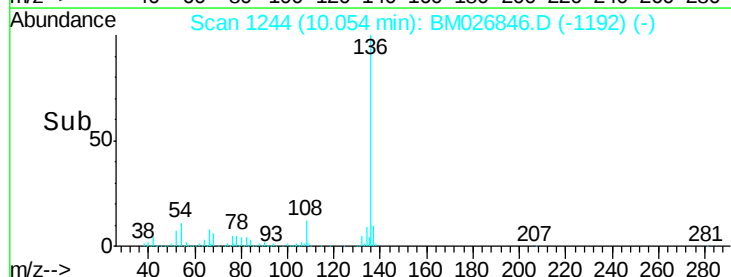
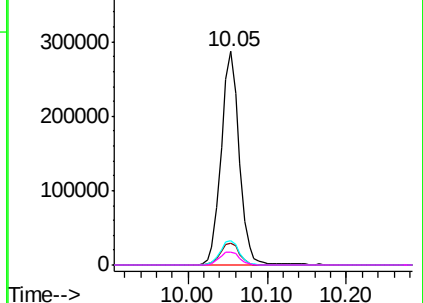


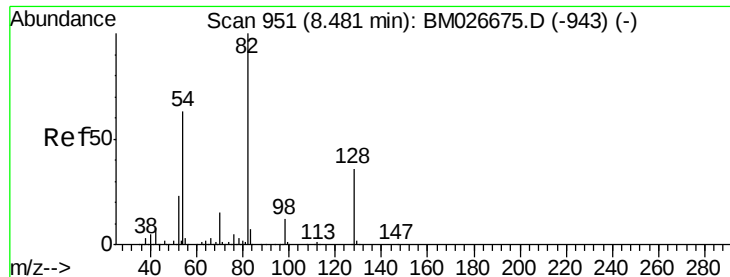
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

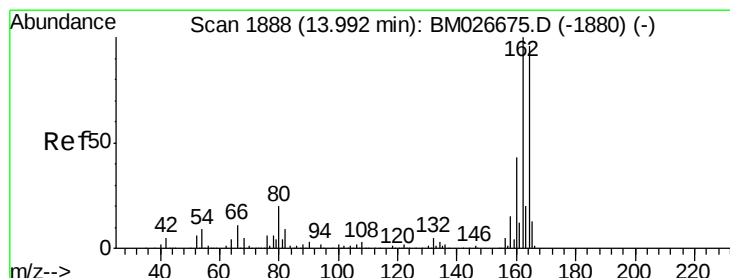
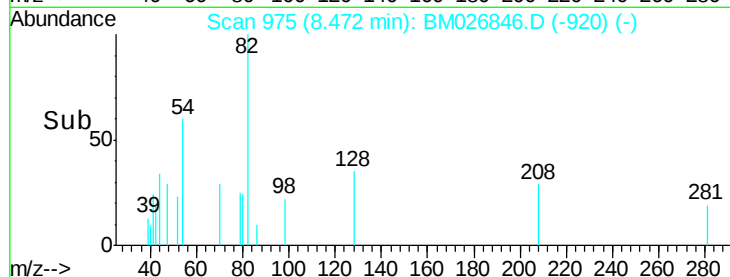
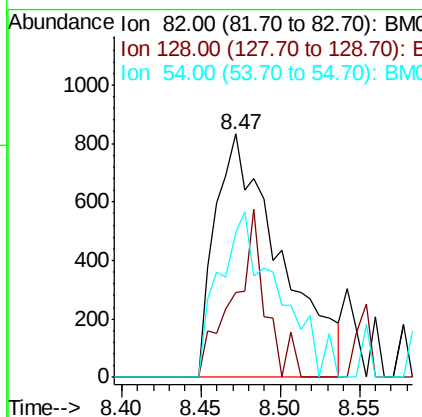
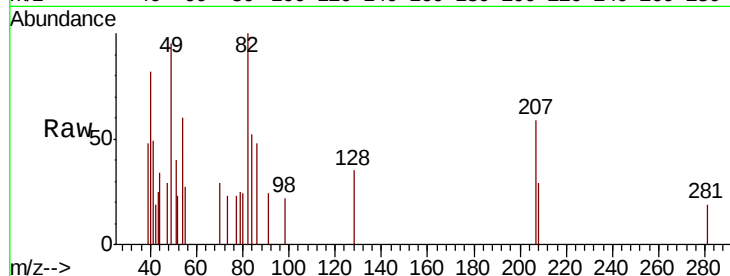




#23
Nitrobenzene-d5
Concen: 0.222 ng
RT: 8.47 min Scan# 975
Delta R.T. 0.02 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

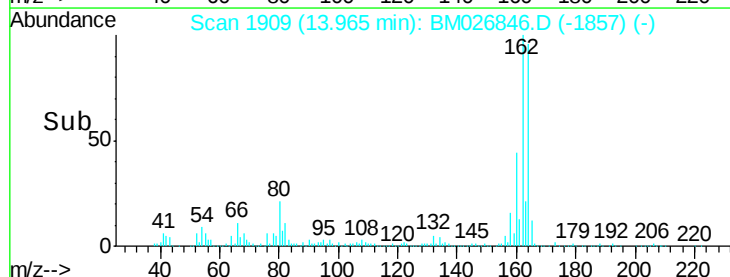
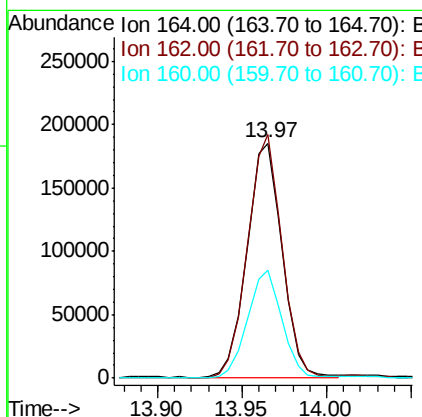
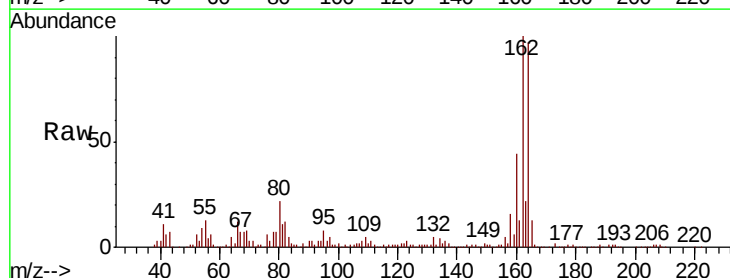
Instrument :
BNA_M
ClientSampled :
481848

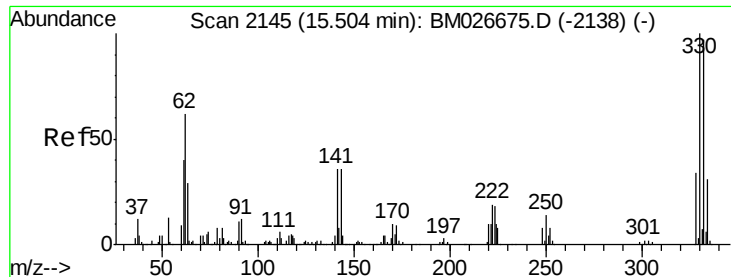
Tot Ion: 82 Resp: 2371
Ion Ratio Lower Upper
82 100
128 34.8 29.1 43.7
54 59.8 50.2 75.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.97 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

Tgt Ion: 164 Resp: 266256
Ion Ratio Lower Upper
164 100
162 103.5 83.7 125.5
160 45.7 36.2 54.2

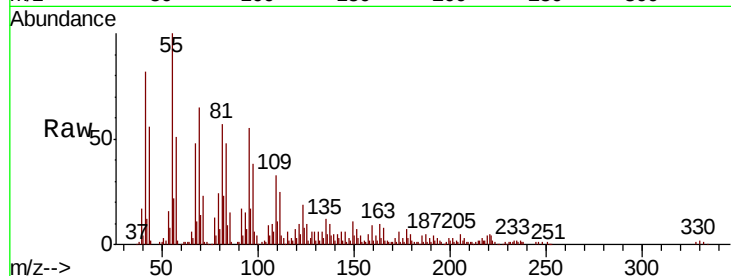




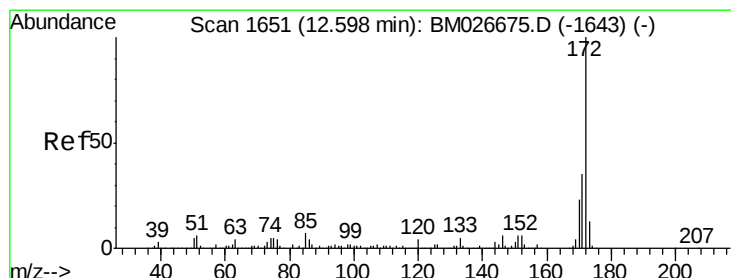
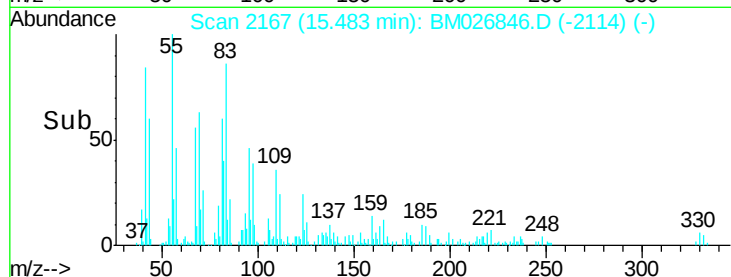
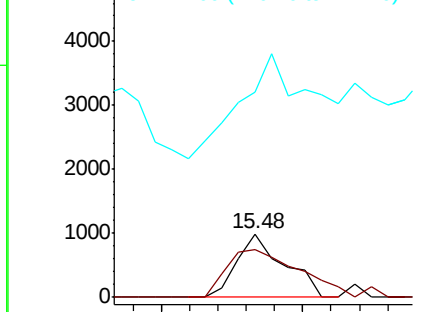
#42
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.48 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

Instrument :
 BNA_M
 ClientSampleId :
 481848

Tot Ion:330 Resp: 1146
 Ion Ratio Lower Upper
 330 100
 332 120.8 77.5 116.3#
 141 257.4 32.4 48.6#

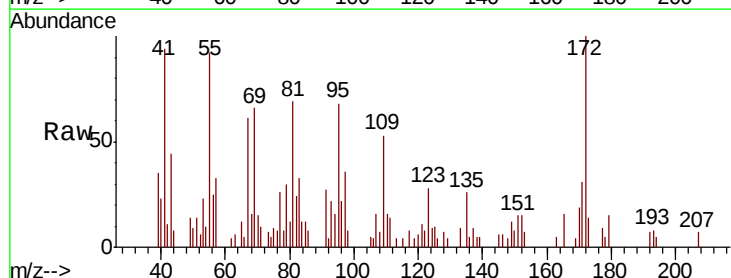


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

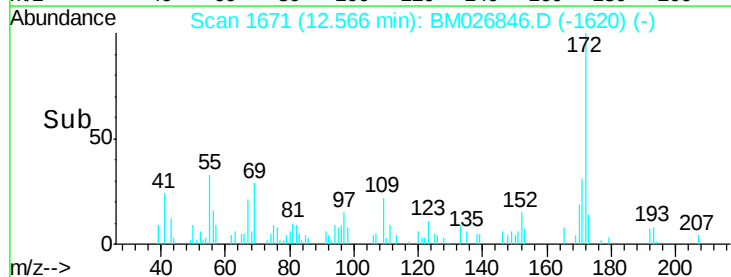
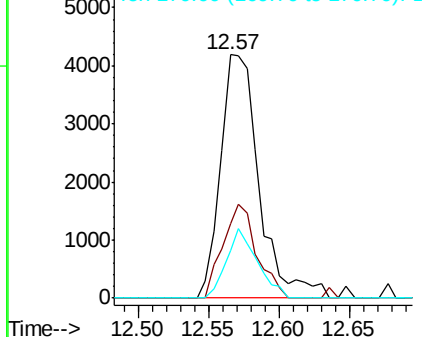


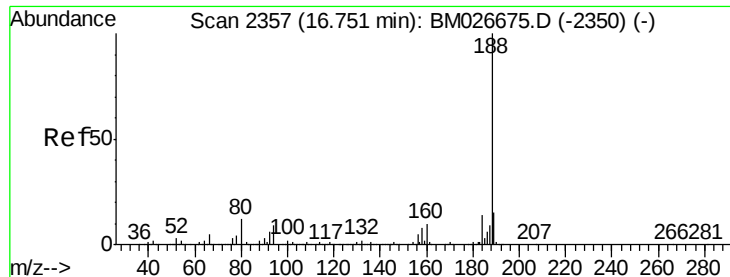
#45
 2-Fluorobiphenyl
 Concen: 0.399 ng
 RT: 12.57 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

Tgt Ion:172 Resp: 7983
 Ion Ratio Lower Upper
 172 100
 171 30.6 27.8 41.6
 170 19.5 18.5 27.7



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

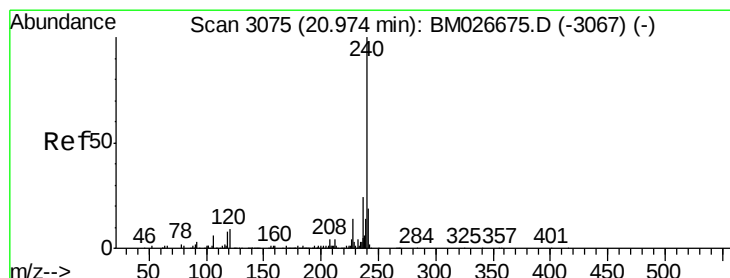
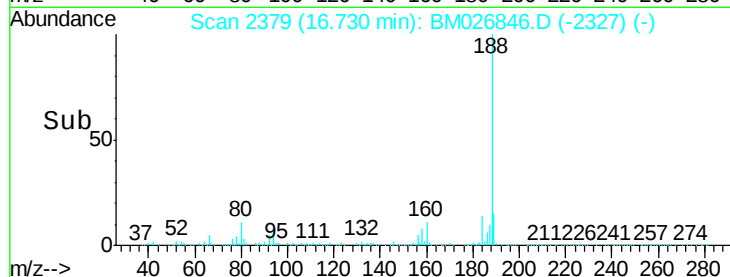
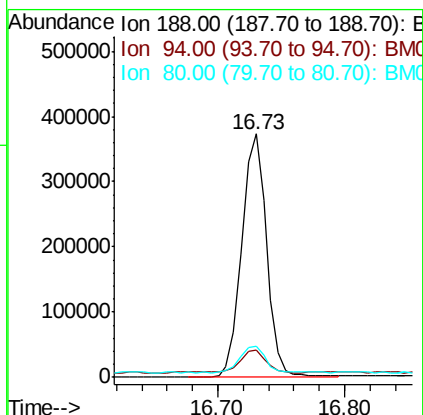
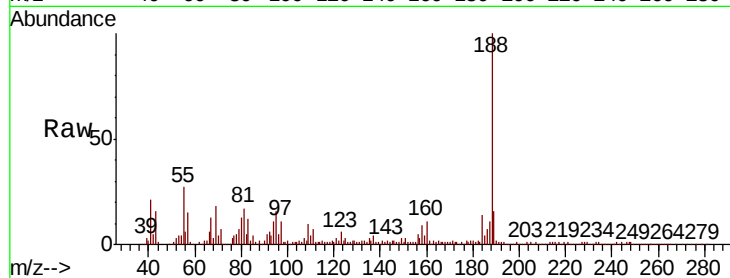




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.73 min Scan# 2379
Delta R.T. 0.01 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

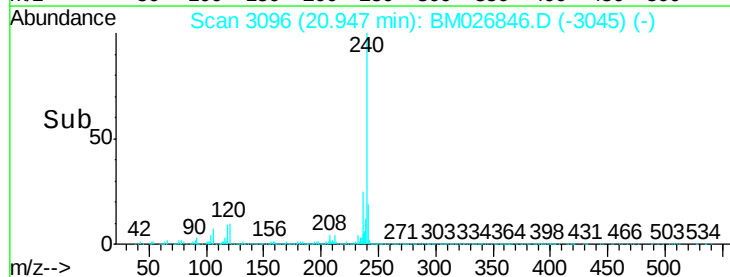
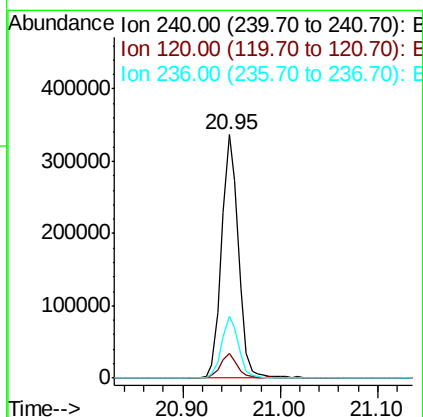
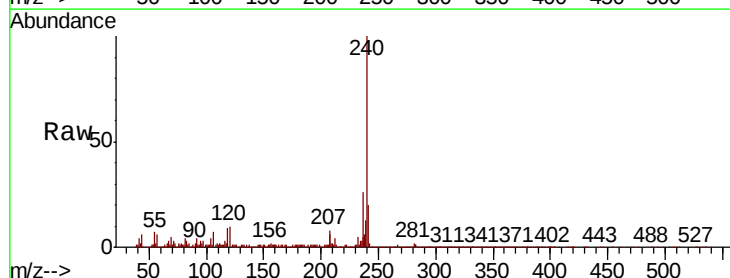
Instrument :
BNA_M
ClientSampled :
481848

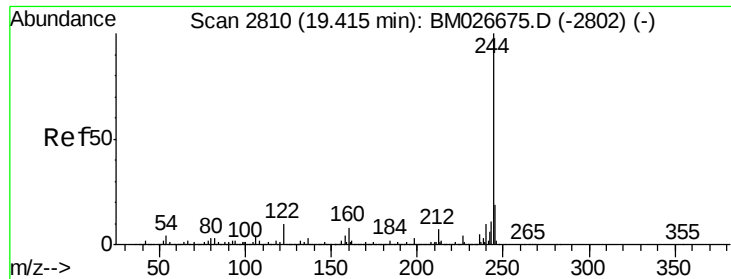
Tot Ion:188 Resp: 503349
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.0#
80 12.7 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.95 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

Tgt Ion:240 Resp: 402726
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.6 19.4 29.2





#79

Terphenyl-d14

Concen: 0.450 ng

RT: 19.39 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Instrument :

BNA_M

ClientSampleId :

481848

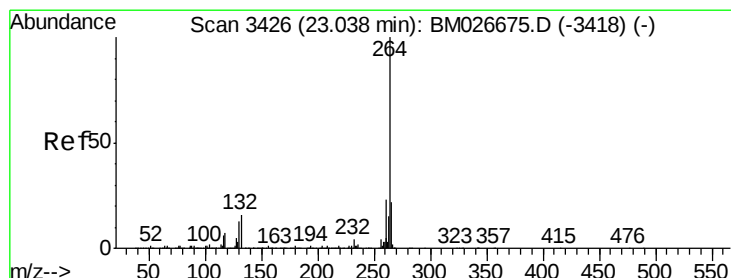
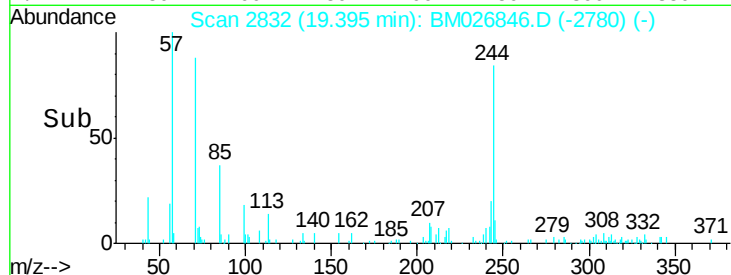
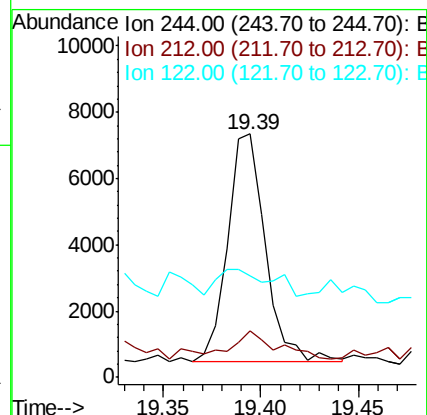
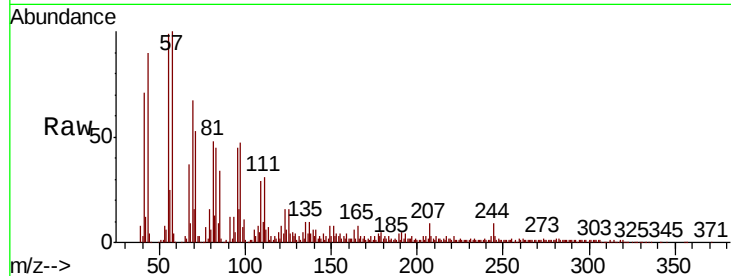
Tot Ion:244 Resp: 9201

Ion Ratio Lower Upper

244 100

212 19.1 5.9 8.9#

122 41.8 8.2 12.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.01 min Scan# 3447

Delta R.T. -0.00 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Tgt Ion:264 Resp: 390590

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 22.5 17.6 26.4

