

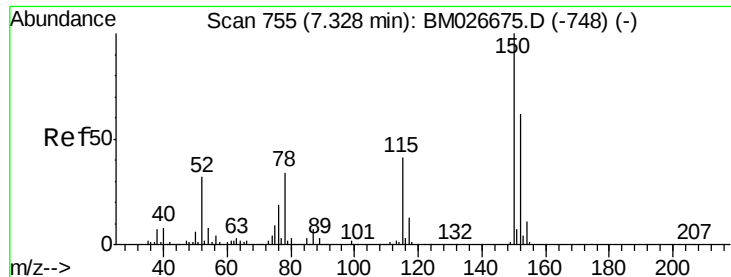
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026845.D
 Acq On : 22 Jul 2020 22:56
 Operator : JU/CG
 Sample : L3369-02 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 124081

Quant Time: Jul 23 02:39:52 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	100515	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	369867	20.00	ng	0.00
39) Acenaphthene-d10	13.96	164	188844	20.00	ng	0.00
64) Phenanthrene-d10	16.72	188	361257	20.00	ng	0.00
76) Chrysene-d12	20.95	240	372243	20.00	ng	0.00
86) Perylene-d12	23.01	264	389852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	3415	0.57	ng	0.01
7) Phenol-d6	6.57	99	2784	0.29	ng	0.05
23) Nitrobenzene-d5	8.48	82	1643	0.19	ng	0.04
42) 2,4,6-Tribromophenol	15.48	330	1033	0.38	ng	0.01
45) 2-Fluorobiphenyl	12.57	172	5710	0.40	ng	0.00
79) Terphenyl-d14	19.40	244	8791	0.46	ng	0.00
Target Compounds						
56) 4-Nitrophenol	14.27	139	794	4.153	ng	# 1
62) 4-Nitroaniline	15.08	138	999	3.363	ng	# 81
65) 4,6-Dinitro-2-methylphenol	15.15	198	56	4.553	ng	# 1
66) n-Nitrosodiphenylamine	15.25	169	23482	2.045	ng	# 39

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

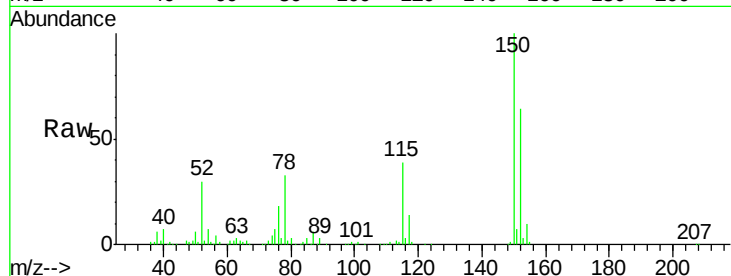


#1

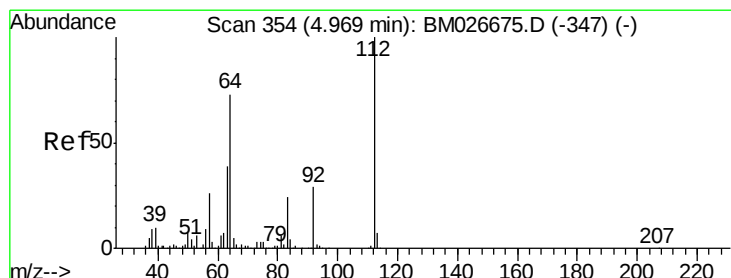
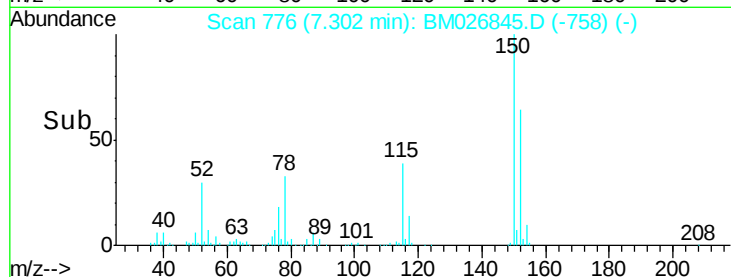
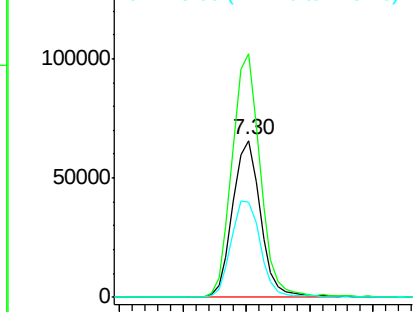
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM026845.D
Acq: 22 Jul 2020 22:56

Instrument :
BNA_M
ClientSampleId :
124081

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	128.1	192.1
115	61.0	52.2	78.4



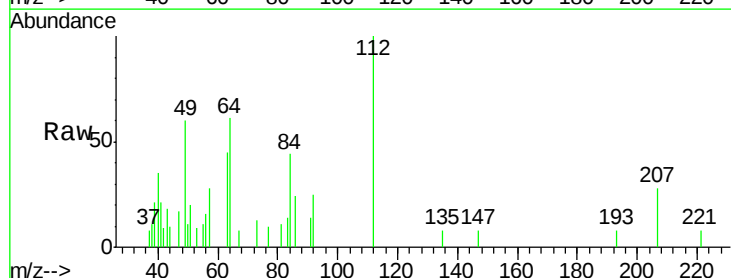
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



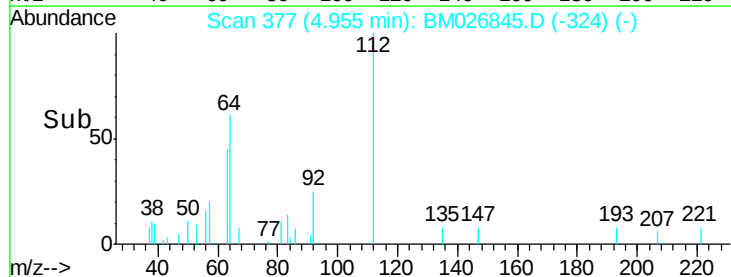
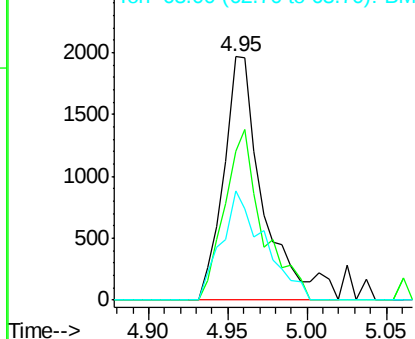
#5

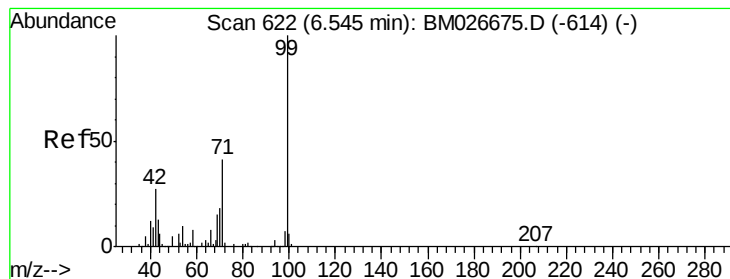
2-Fluorophenol
Concen: 0.569 ng
RT: 4.95 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM026845.D
Acq: 22 Jul 2020 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	58.4	87.6
63	44.8	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: 0.291 ng

RT: 6.57 min Scan# 651

Delta R.T. 0.05 min

Lab File: BM026845.D

Acq: 22 Jul 2020 22:56

Instrument :

BNA_M

ClientSampleId :

124081

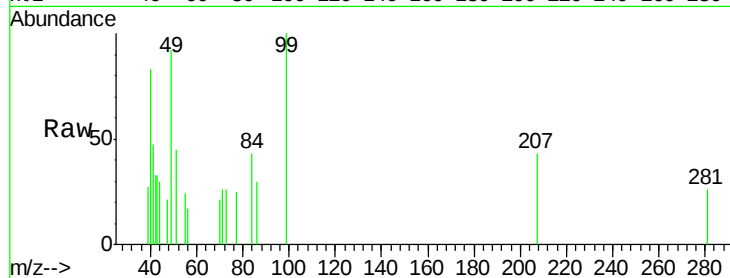
Tot Ion: 99 Resp: 2784

Ion Ratio Lower Upper

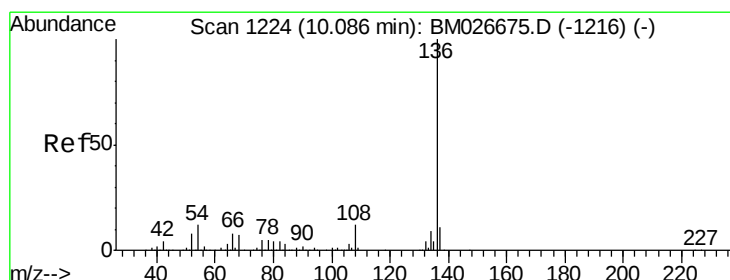
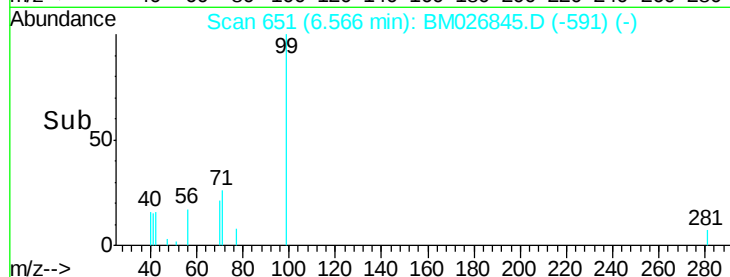
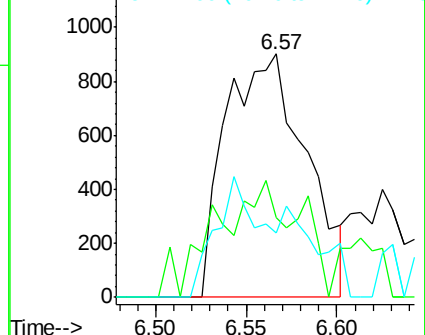
99 100

42 32.9 21.7 32.5#

71 26.3 33.2 49.8#



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BM026845.D

Acq: 22 Jul 2020 22:56

Tgt Ion: 136 Resp: 369867

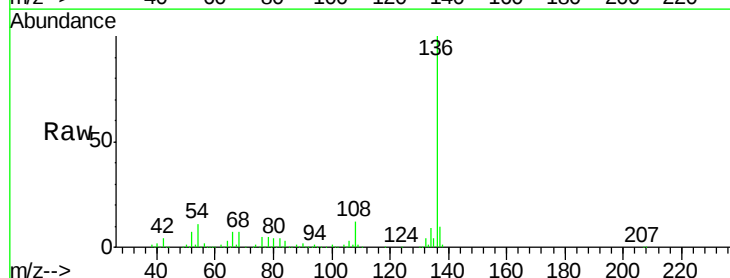
Ion Ratio Lower Upper

136 100

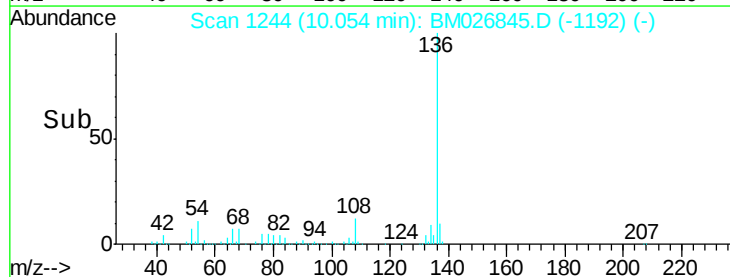
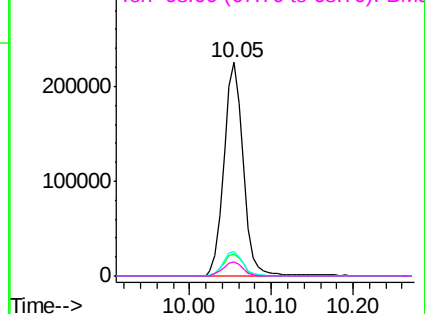
137 10.4 8.6 12.8

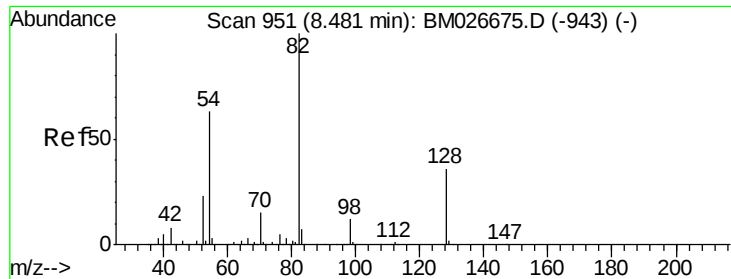
54 11.4 9.8 14.6

68 6.8 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

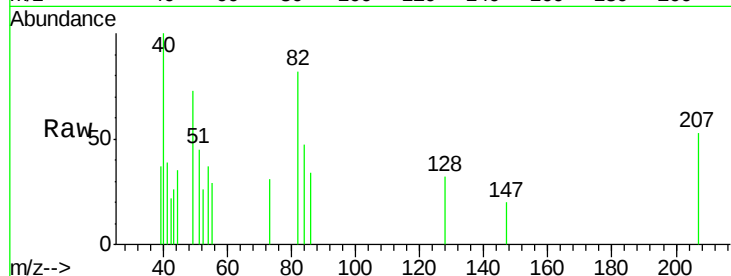




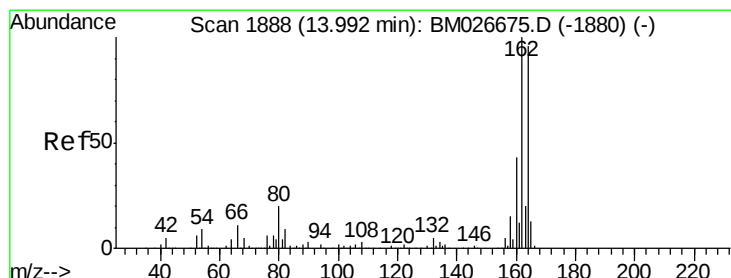
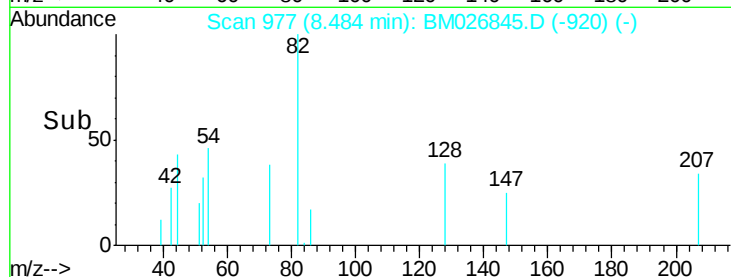
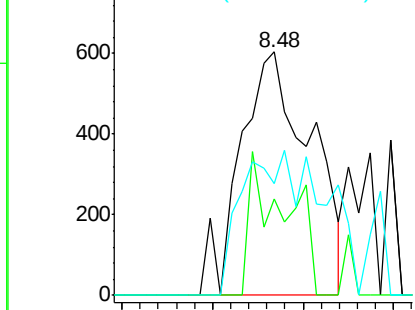
#23
 Nitrobenzene-d5
 Concen: 0.190 ng
 RT: 8.48 min Scan# 977
 Delta R.T. 0.04 min
 Lab File: BM026845.D
 Acq: 22 Jul 2020 22:56

Instrument :
 BNA_M
 ClientSampleID :
 124081

Tot Ion: 82 Resp: 1643
 Ion Ratio Lower Upper
 82 100
 128 39.4 29.1 43.7
 54 45.7 50.2 75.4#

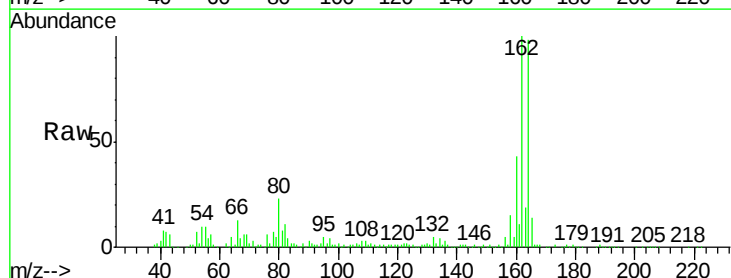


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

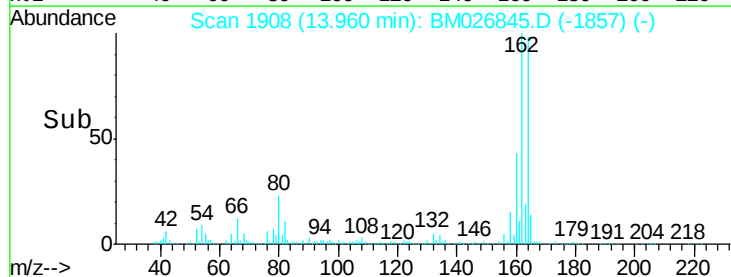
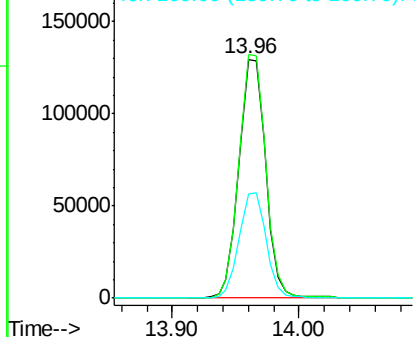


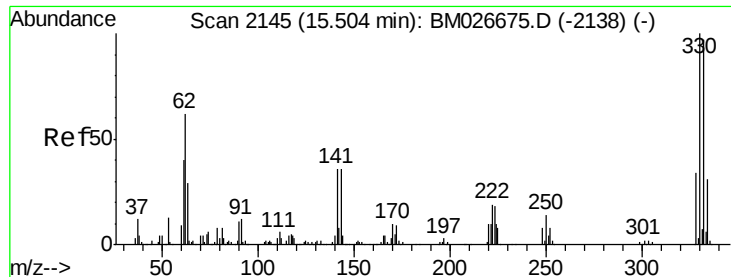
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BM026845.D
 Acq: 22 Jul 2020 22:56

Tgt Ion:164 Resp: 188844
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.7 125.5
 160 43.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

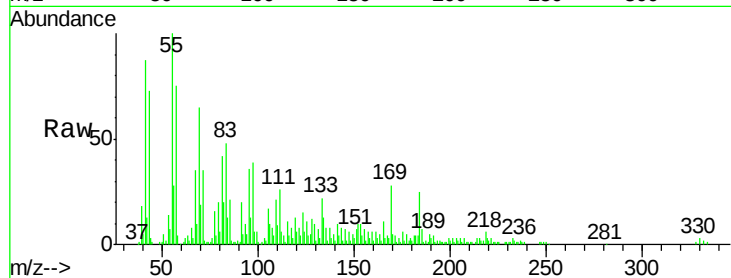




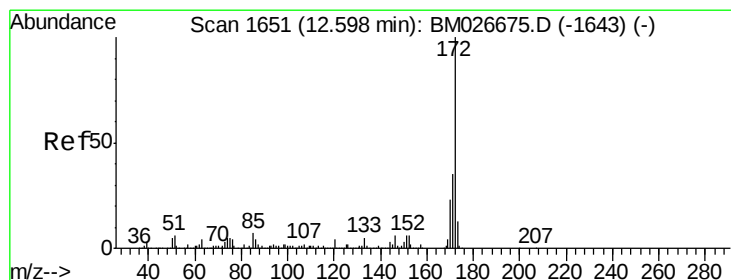
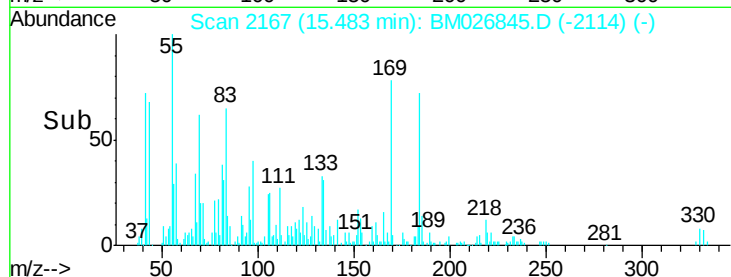
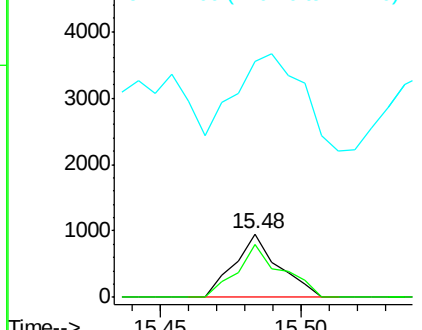
#42
 2,4,6-Tribromophenol
 Concen: 0.376 ng
 RT: 15.48 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BM026845.D
 Acq: 22 Jul 2020 22:56

Instrument :
 BNA_M
 ClientSampleId :
 124081

Tot Ion:330 Resp: 1033
 Ion Ratio Lower Upper
 330 100
 332 86.0 77.5 116.3
 141 232.4 32.4 48.6#

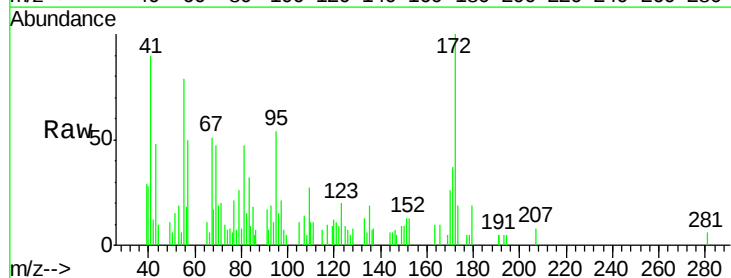


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

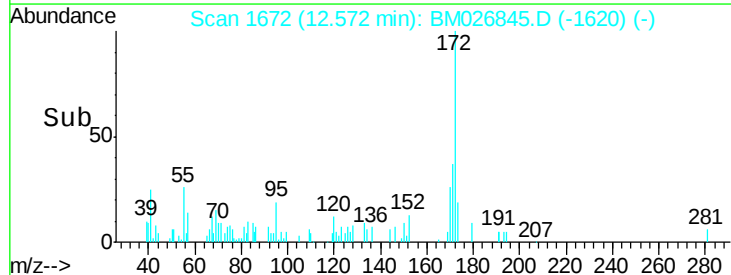
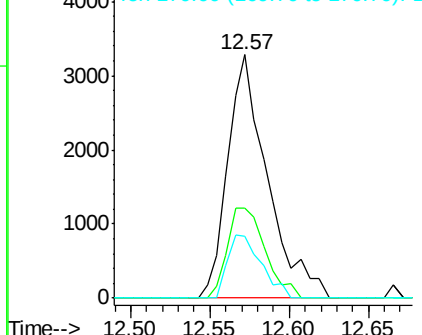


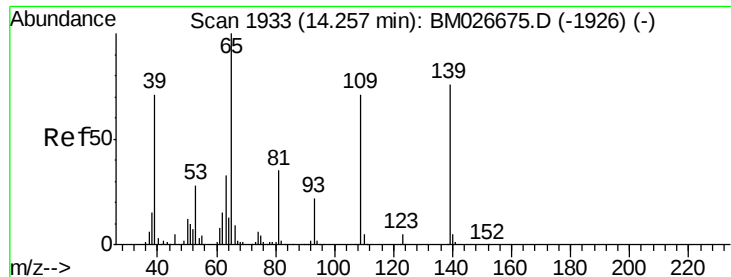
#45
 2-Fluorobiphenyl
 Concen: 0.402 ng
 RT: 12.57 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BM026845.D
 Acq: 22 Jul 2020 22:56

Tgt Ion:172 Resp: 5710
 Ion Ratio Lower Upper
 172 100
 171 37.1 27.8 41.6
 170 25.6 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

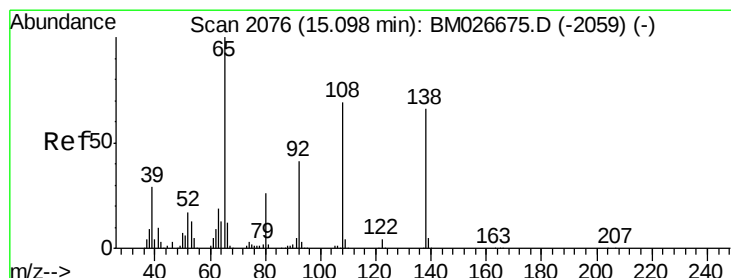
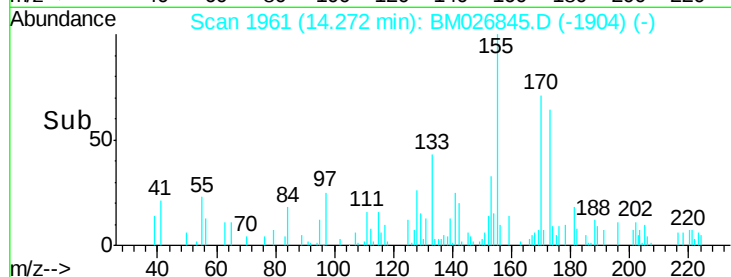
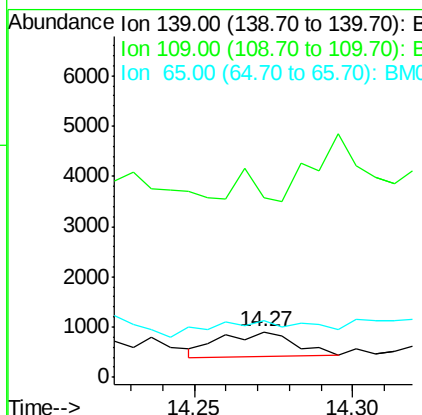
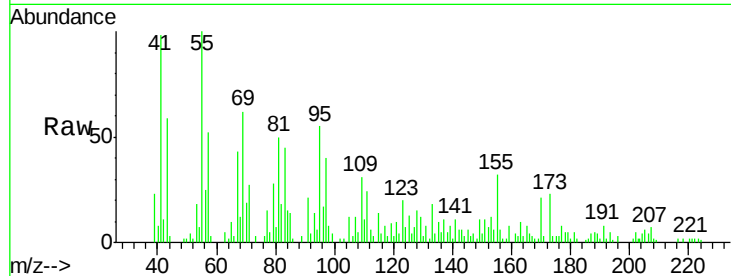




#56
4-Nitrophenol
Concen: 4.153 ng
RT: 14.27 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BM026845.D
Acq: 22 Jul 2020 22:56

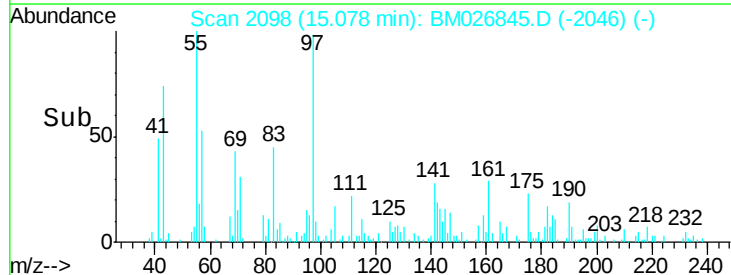
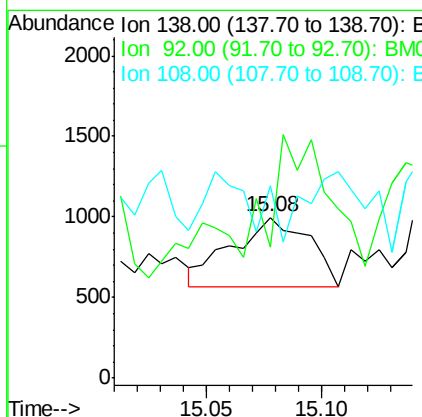
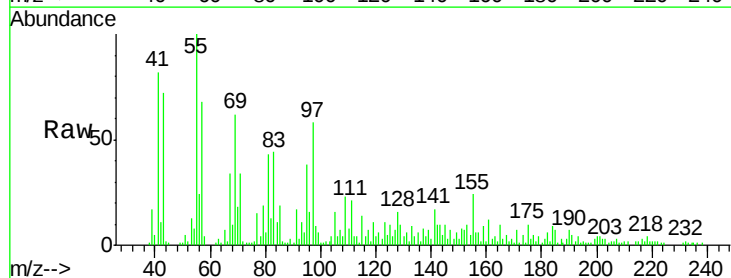
Instrument :
BNA_M
ClientSampled :
124081

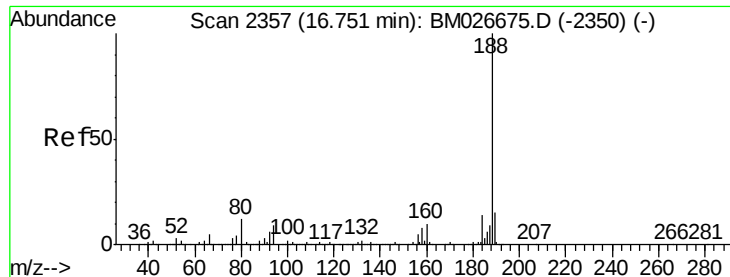
Tot Ion:139 Resp: 794
Ion Ratio Lower Upper
139 100
109 398.0 73.7 113.7#
65 126.5 111.5 151.5



#62
4-Nitroaniline
Concen: 3.363 ng
RT: 15.08 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM026845.D
Acq: 22 Jul 2020 22:56

Tgt Ion:138 Resp: 999
Ion Ratio Lower Upper
138 100
92 81.1 41.5 81.5
108 119.8 84.8 124.8

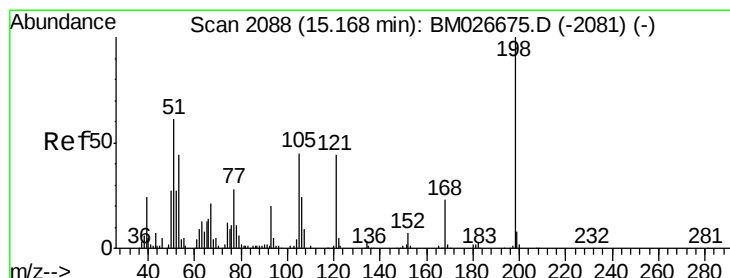
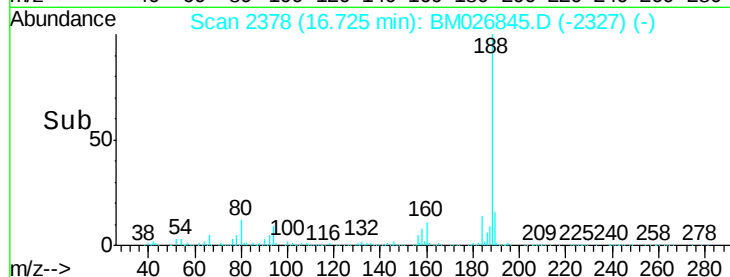
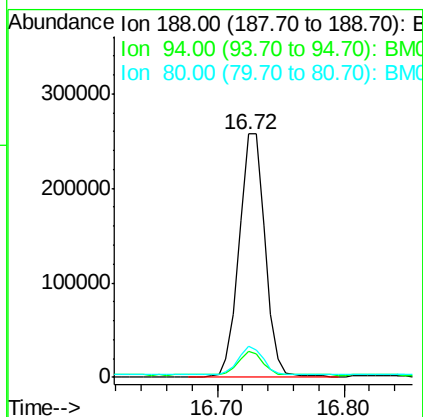
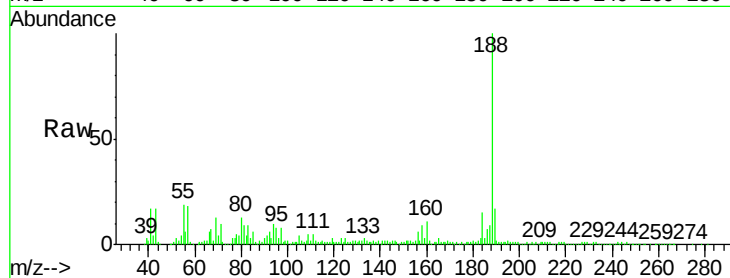




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM026845.D
Acq: 22 Jul 2020 22:56

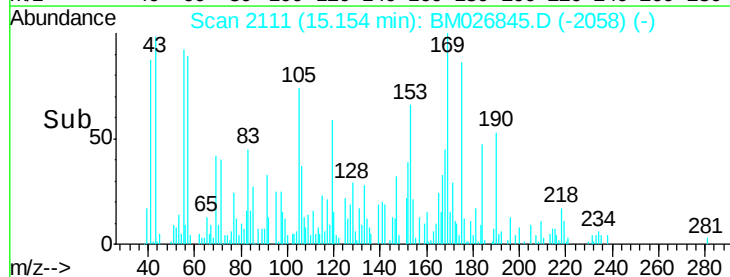
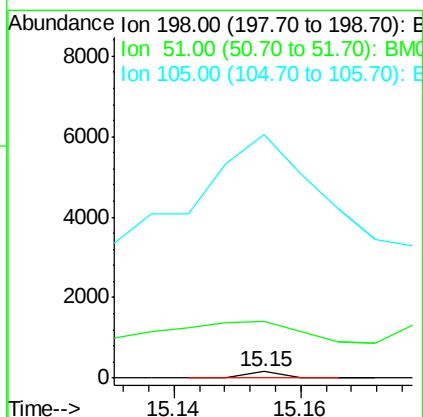
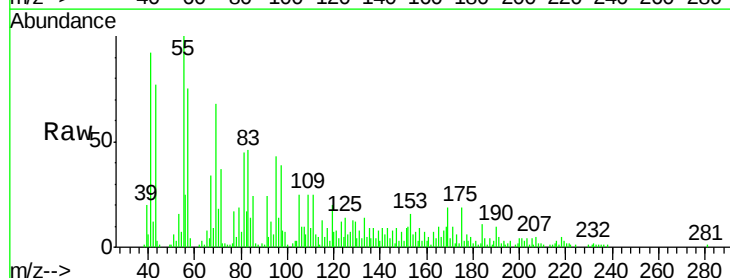
Instrument :
BNA_M
ClientSampleId :
124081

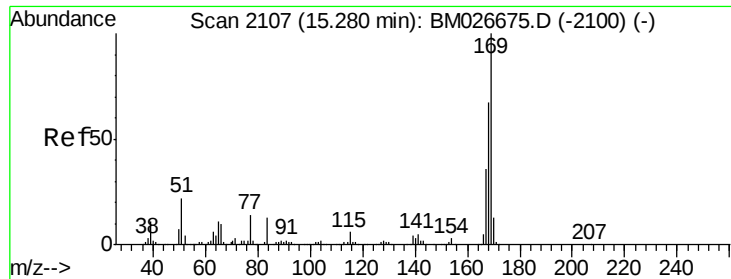
Tot Ion:188 Resp: 361257
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 12.6 9.3 13.9



#65
4,6-Dinitro-2-methylphenol
Concen: 4.553 ng
RT: 15.15 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM026845.D
Acq: 22 Jul 2020 22:56

Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 888.1 42.0 82.0#
105 3805.7 24.9 64.9#





#66

n-Nitrosodiphenylamine

Concen: 2.045 ng

RT: 15.25 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BM026845.D

Acq: 22 Jul 2020 22:56

Instrument :

BNA_M

ClientSampleId :

124081

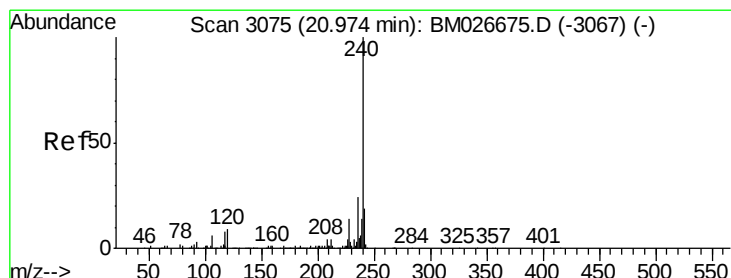
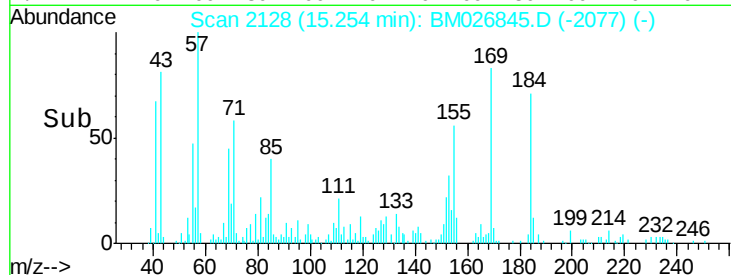
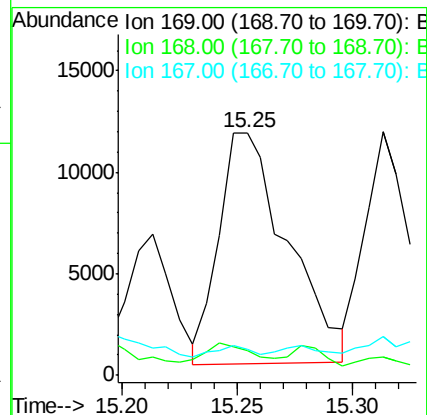
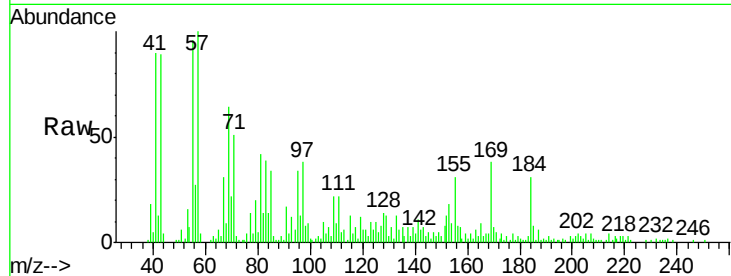
Tot Ion:169 Resp: 23482

Ion Ratio Lower Upper

169 100

168 10.1 53.8 80.8#

167 10.8 28.6 43.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.95 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM026845.D

Acq: 22 Jul 2020 22:56

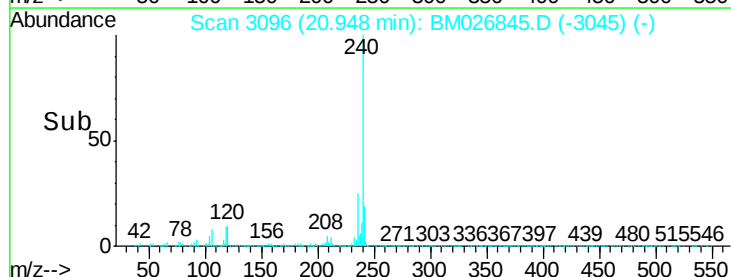
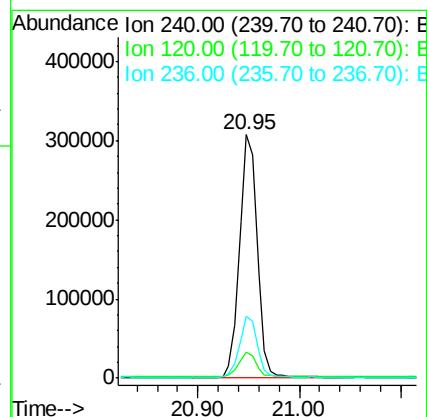
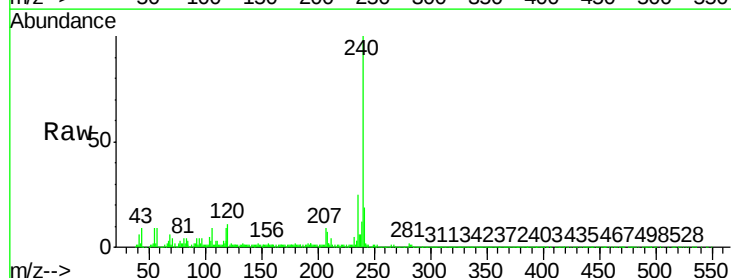
Tgt Ion:240 Resp: 372243

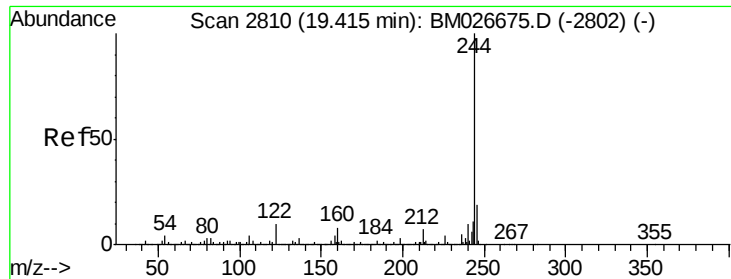
Ion Ratio Lower Upper

240 100

120 10.6 7.3 10.9

236 25.5 19.4 29.2





#79

Terphenyl-d14

Concen: 0.465 ng

RT: 19.40 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM026845.D

Acq: 22 Jul 2020 22:56

Instrument :

BNA_M

ClientSampleId :

124081

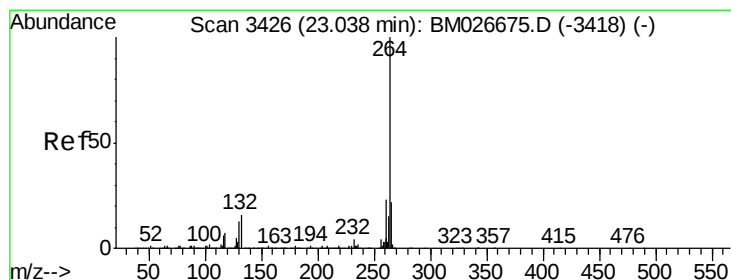
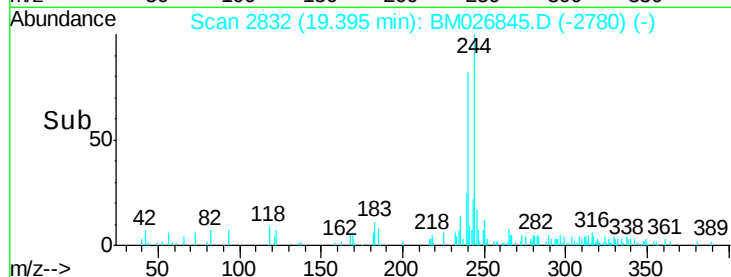
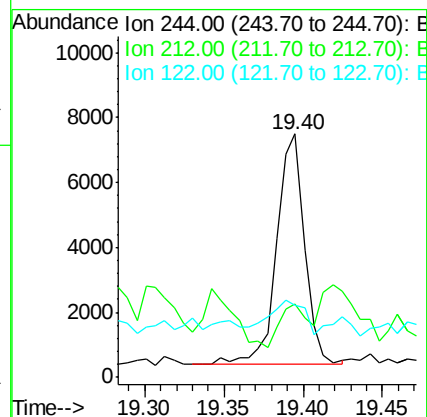
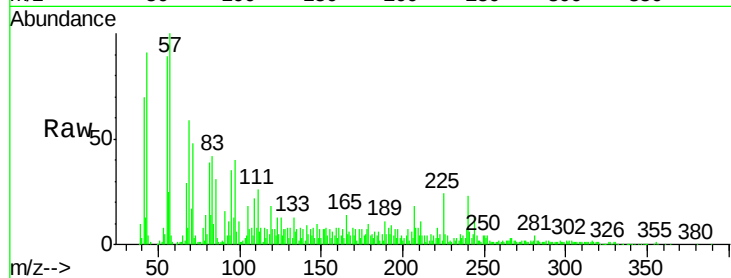
Tot Ion:244 Resp: 8791

Ion Ratio Lower Upper

244 100

212 30.3 5.9 8.9#

122 29.5 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: BM026845.D

Acq: 22 Jul 2020 22:56

Tgt Ion:264 Resp: 389852

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 20.8 17.6 26.4

