

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026863.D
 Acq On : 23 Jul 2020 22:25
 Operator : JU/CG
 Sample : L3380-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 24 01:38:55 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

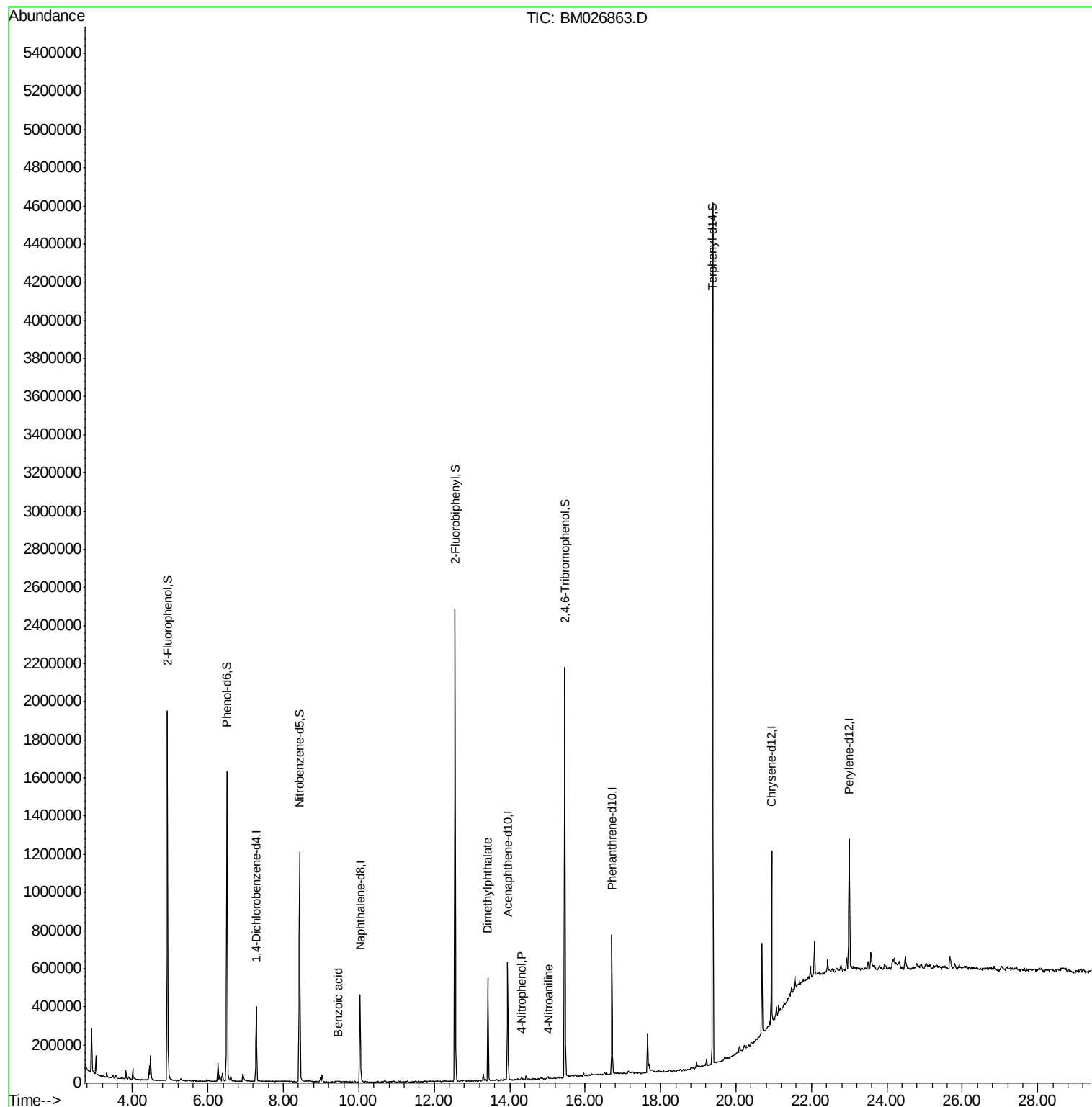
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	85819	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	317146	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	175325	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	365358	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	395225	20.00	ng	0.00
86) Perylene-d12	23.01	264	408453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	639213	124.84	ng	-0.02
7) Phenol-d6	6.50	99	738976	90.59	ng	-0.01
23) Nitrobenzene-d5	8.43	82	620663	83.49	ng	-0.02
42) 2,4,6-Tribromophenol	15.47	330	319443	125.08	ng	0.00
45) 2-Fluorobiphenyl	12.55	172	1126605	85.44	ng	-0.01
79) Terphenyl-d14	19.38	244	1692493	84.28	ng	0.00
Target Compounds						
32) Benzoic acid	9.47	122	113	7.123	ng	# 68
50) Dimethylphthalate	13.42	163	290494	19.371	ng	99
56) 4-Nitrophenol	14.31	139	53	3.930	ng	# 1
62) 4-Nitroaniline	15.03	138	62	3.156	ng	# 45

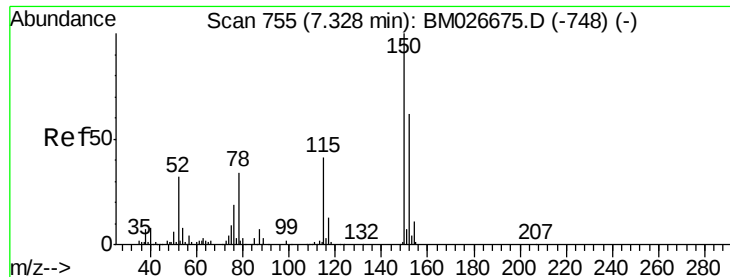
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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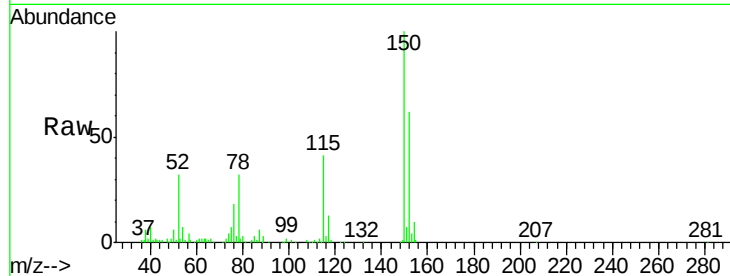


#1

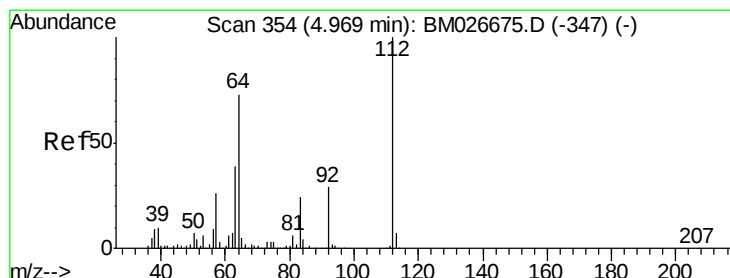
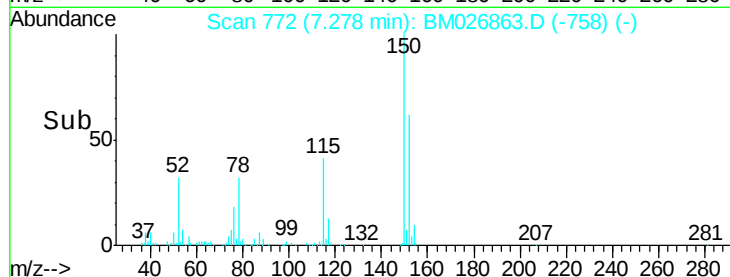
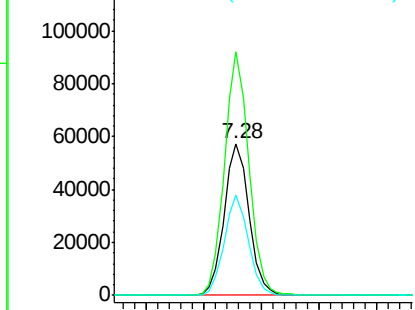
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	128.1	192.1
115	66.2	52.2	78.4



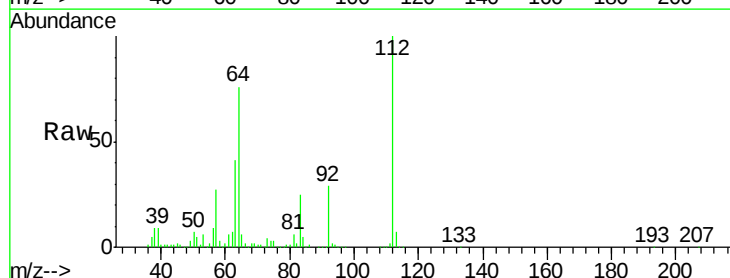
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



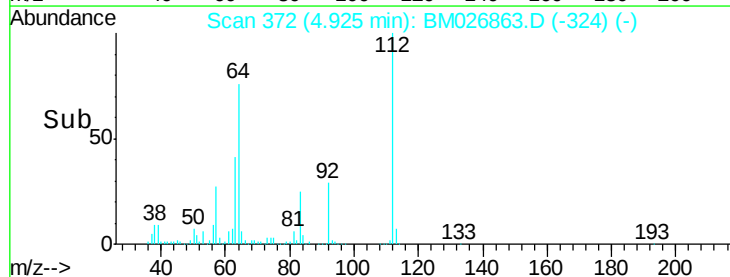
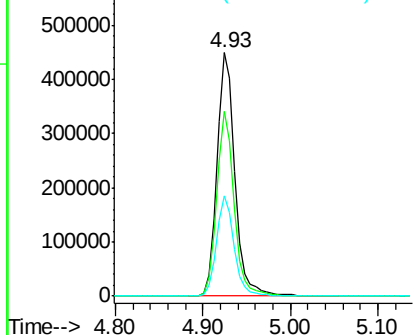
#5

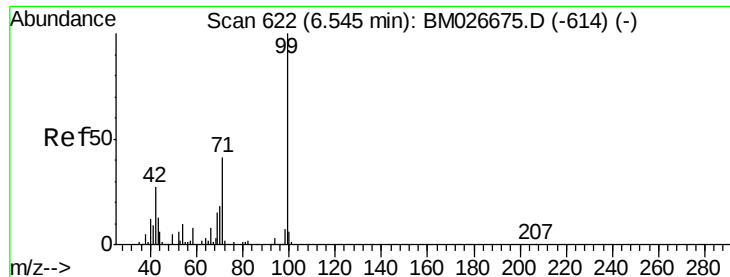
2-Fluorophenol
Concen: 124.842 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	58.4	87.6
63	41.1	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: 90.586 ng

RT: 6.50 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM026863.D

Acq: 23 Jul 2020 22:25

Instrument :

BNA_M

ClientSampleId :

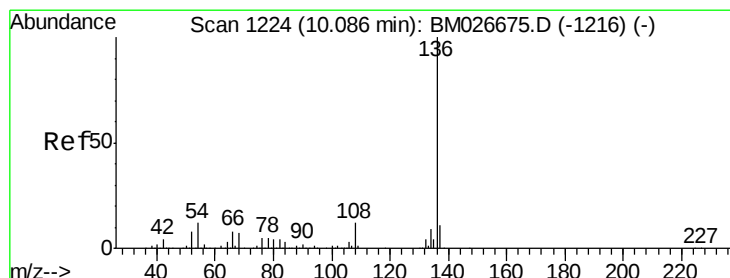
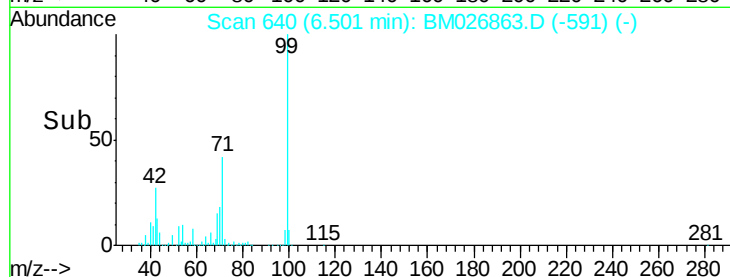
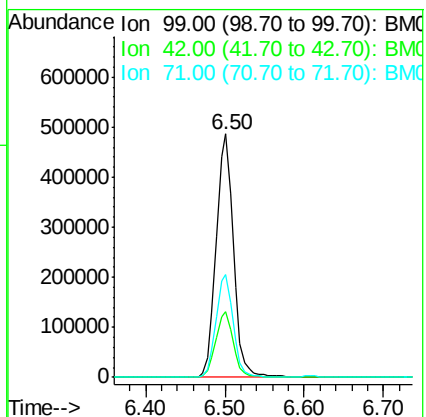
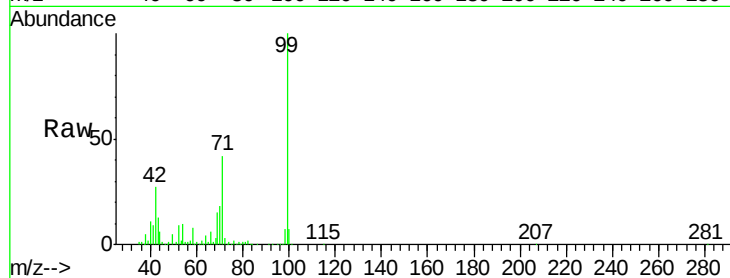
Tot Ion: 99 Resp: 738976

Ion Ratio Lower Upper

99 100

42 27.0 21.7 32.5

71 42.3 33.2 49.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM026863.D

Acq: 23 Jul 2020 22:25

Tgt Ion: 136 Resp: 317146

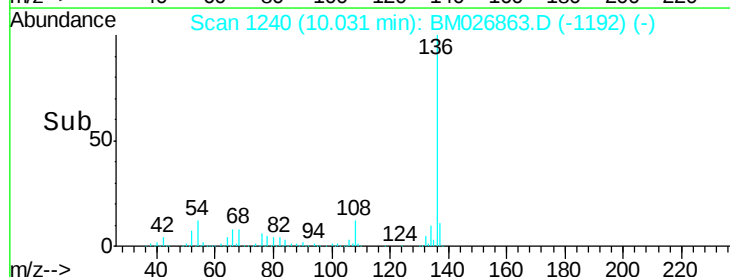
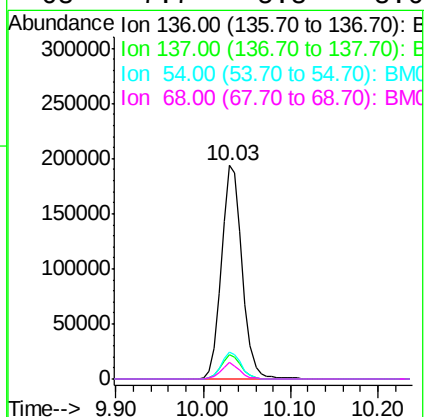
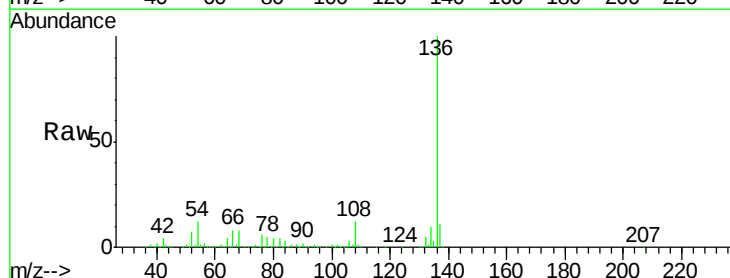
Ion Ratio Lower Upper

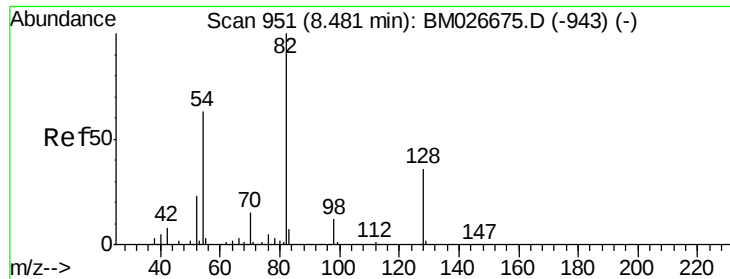
136 100

137 11.3 8.6 12.8

54 12.4 9.8 14.6

68 7.7 5.8 8.6

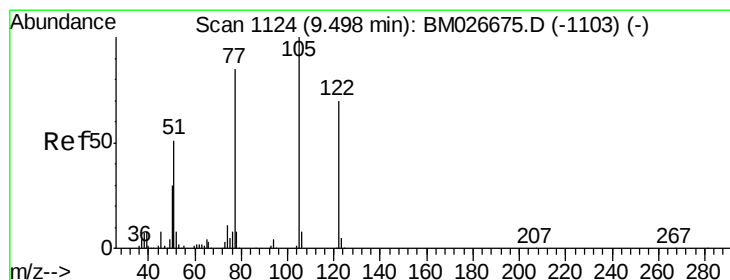
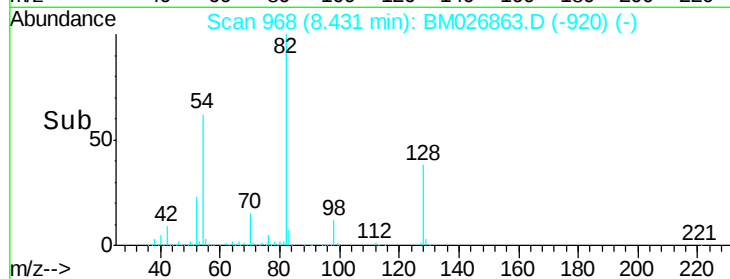
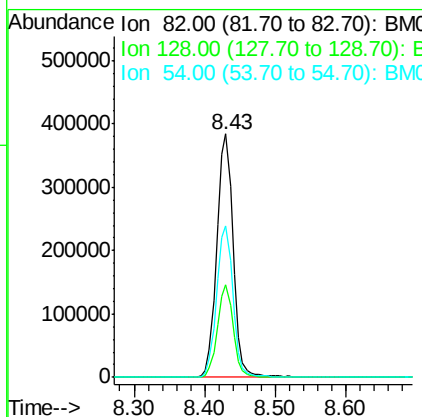
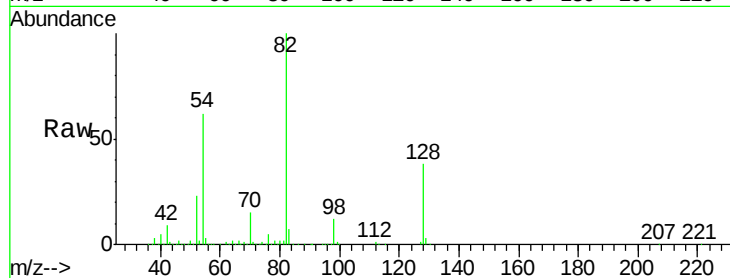




#23
 Nitrobenzene-d5
 Concen: 83.493 ng
 RT: 8.43 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM026863.D
 Acq: 23 Jul 2020 22:25

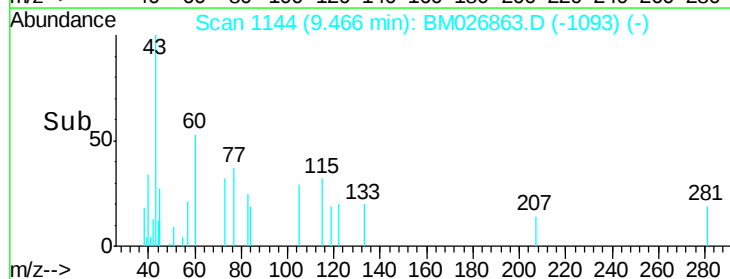
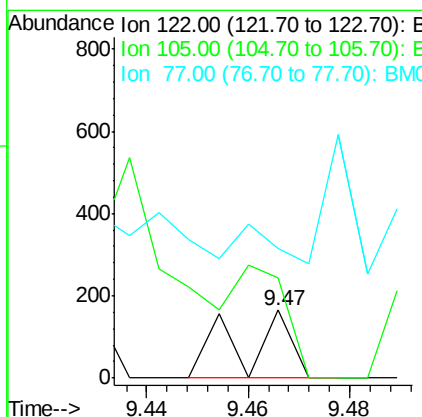
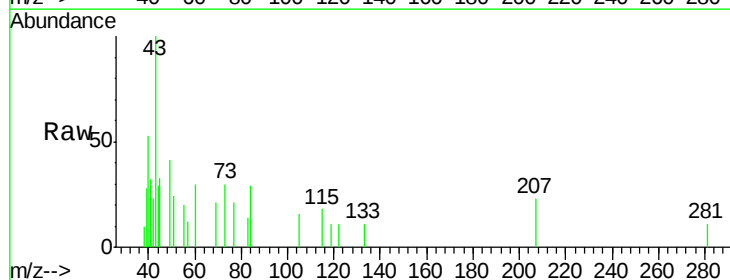
Instrument :
 BNA_M
 ClientSampleId :

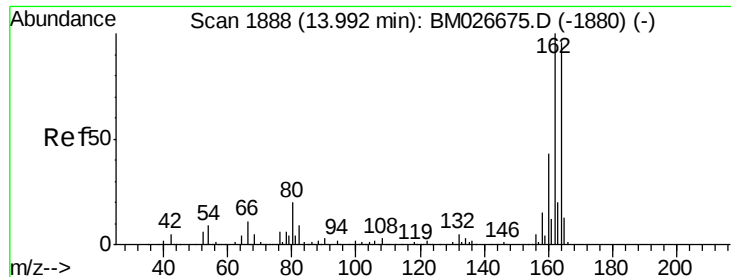
Tot Ion	82	Resp	620663
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.1	43.7
54	62.0	50.2	75.4



#32
 Benzoic acid
 Concen: 7.123 ng
 RT: 9.47 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BM026863.D
 Acq: 23 Jul 2020 22:25

Tgt Ion	122	Resp	113
Ion Ratio	Lower	Upper	
122	100		
105	147.9	120.9	160.9
77	190.3	100.0	140.0

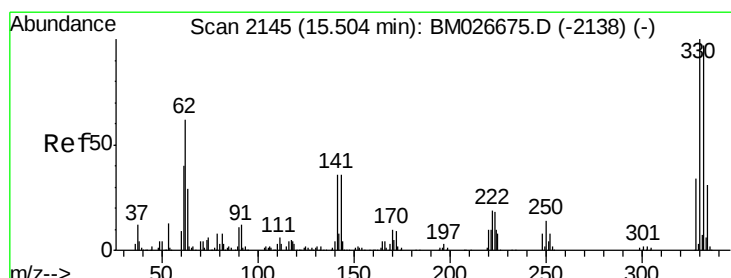
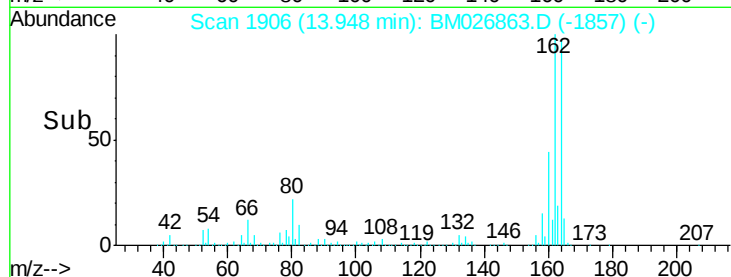
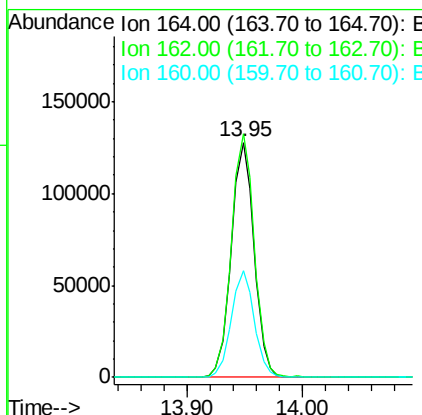
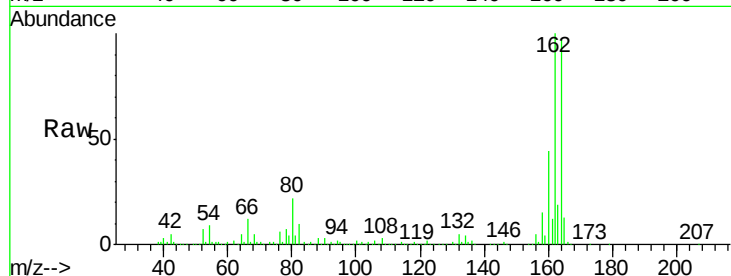




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

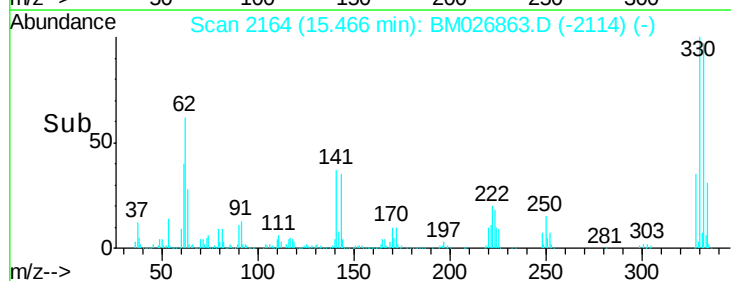
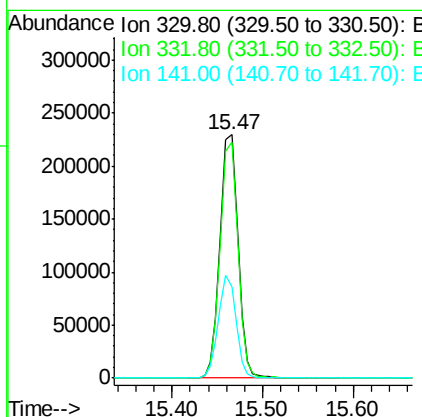
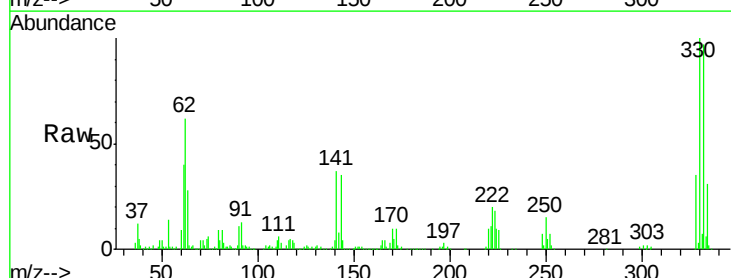
Instrument :
BNA_M
ClientSampleId :

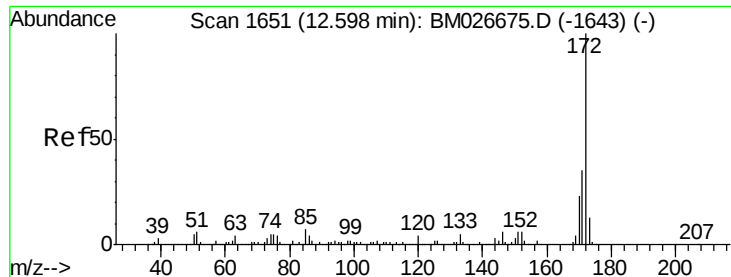
Tot Ion:164 Resp: 175325
Ion Ratio Lower Upper
164 100
162 103.6 83.7 125.5
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 125.078 ng
RT: 15.47 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

Tgt Ion:330 Resp: 319443
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 41.5 32.4 48.6

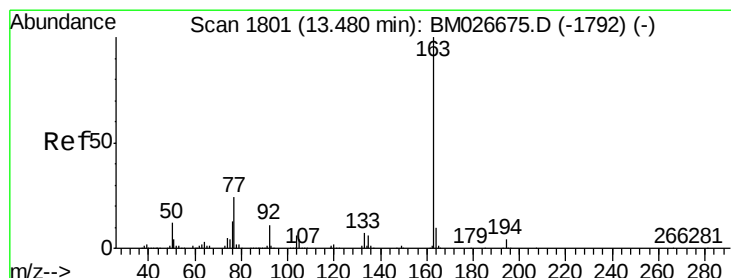
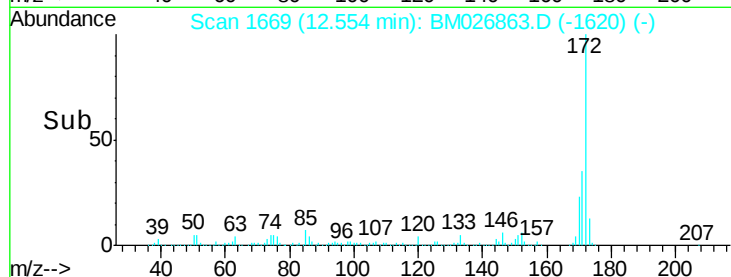
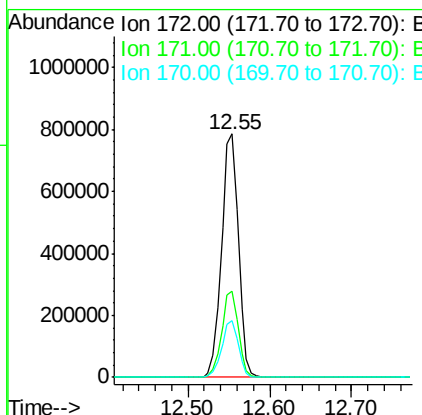
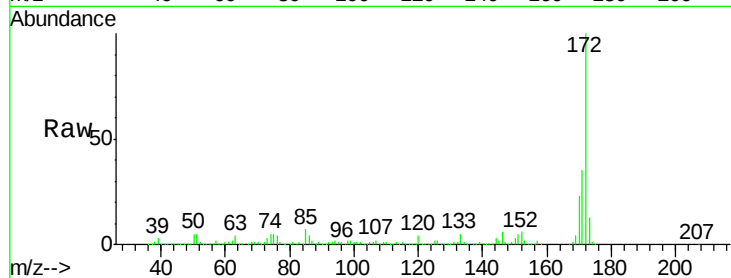




#45
2-Fluorobiphenyl
Concen: 85.440 ng
RT: 12.55 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

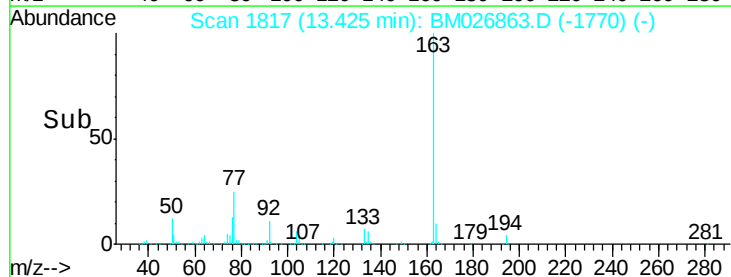
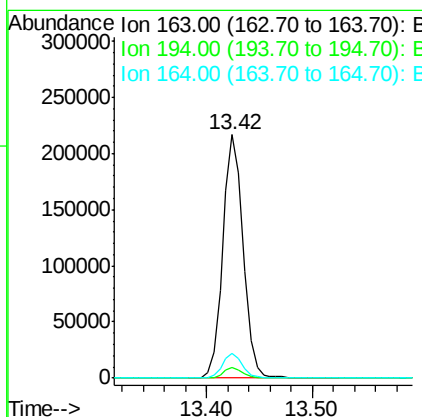
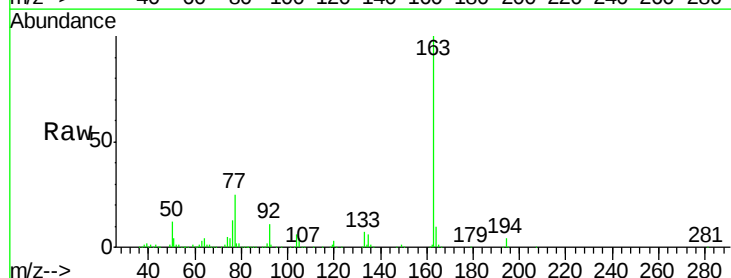
Instrument :
BNA_M
ClientSampleId :

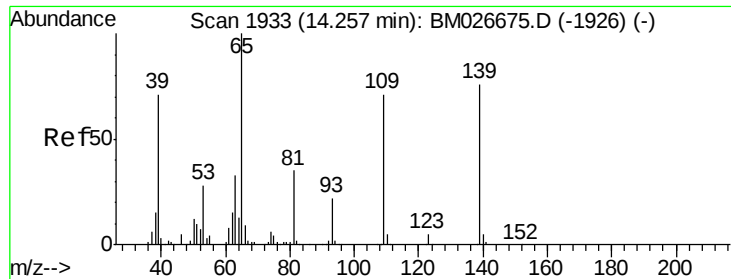
Tot Ion:172 Resp: 1126605
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.3 18.5 27.7



#50
Dimethylphthalate
Concen: 19.371 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

Tgt Ion:163 Resp: 290494
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 7.8 11.6

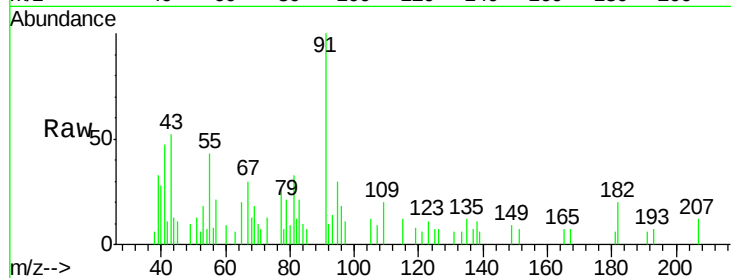




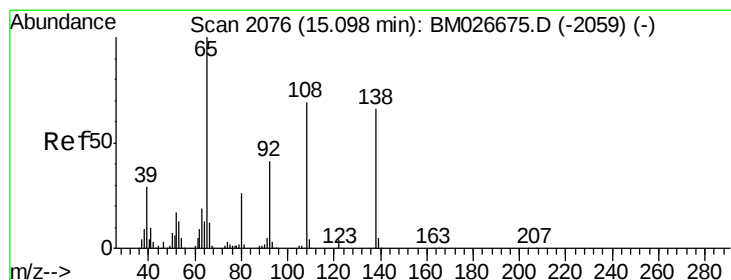
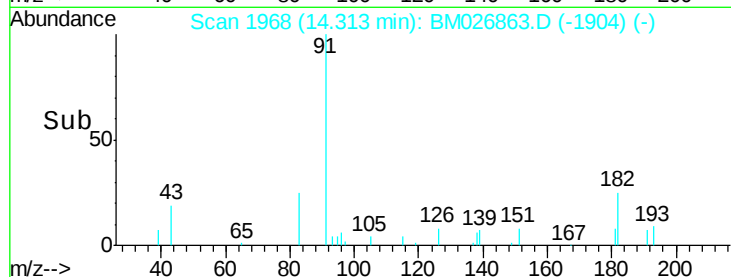
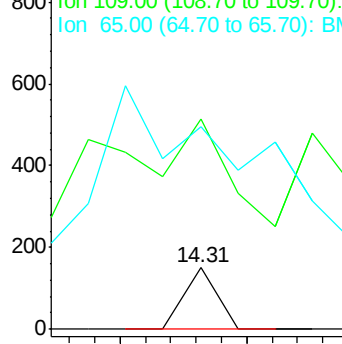
#56
4-Nitrophenol
Concen: 3.930 ng
RT: 14.31 min Scan# 1968
Delta R.T. 0.08 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 343.3 73.7 113.7#
65 329.3 111.5 151.5#

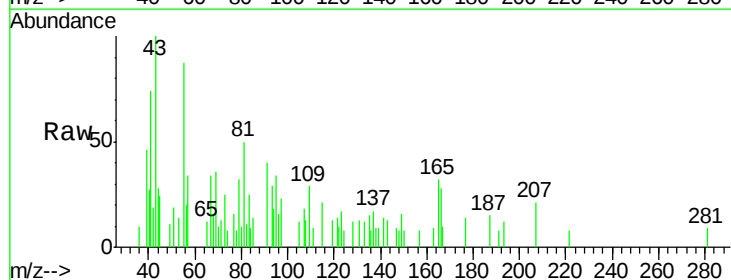


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

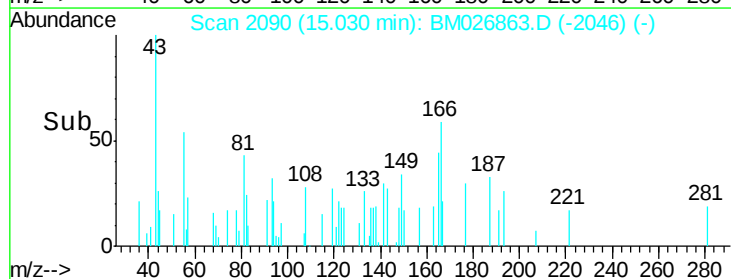
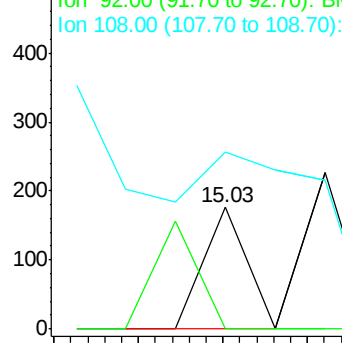


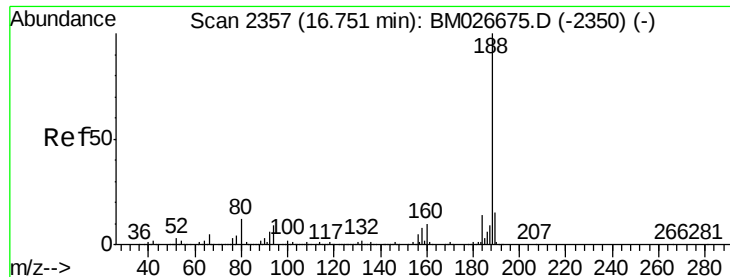
#62
4-Nitroaniline
Concen: 3.156 ng
RT: 15.03 min Scan# 2090
Delta R.T. -0.04 min
Lab File: BM026863.D
Acq: 23 Jul 2020 22:25

Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
92 0.0 41.5 81.5#
108 145.5 84.8 124.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.71 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BM026863.D

Acq: 23 Jul 2020 22:25

Instrument :

BNA_M

ClientSampleId :

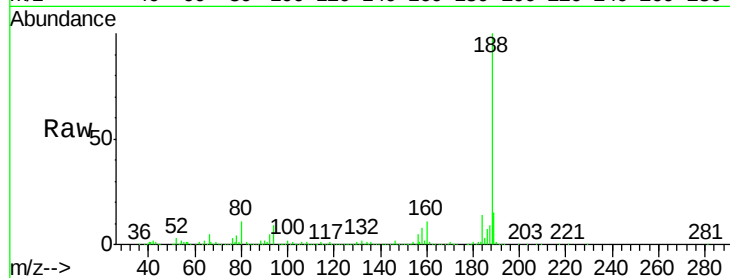
Tot Ion:188 Resp: 365358

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

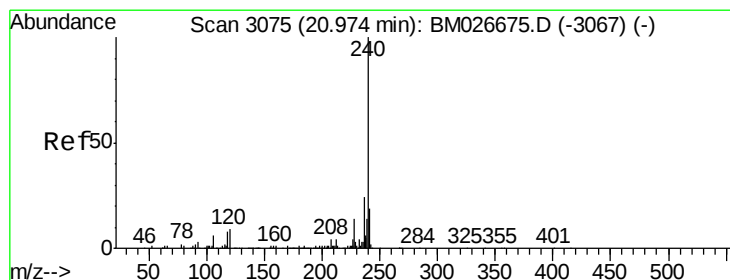
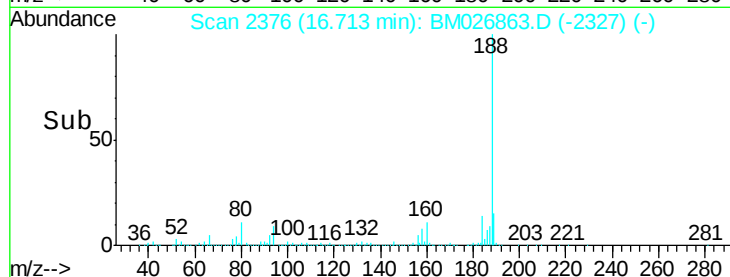
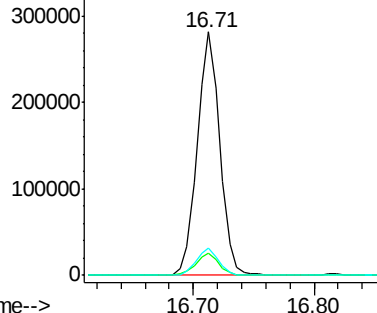
80 11.2 9.3 13.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM026863.D

Acq: 23 Jul 2020 22:25

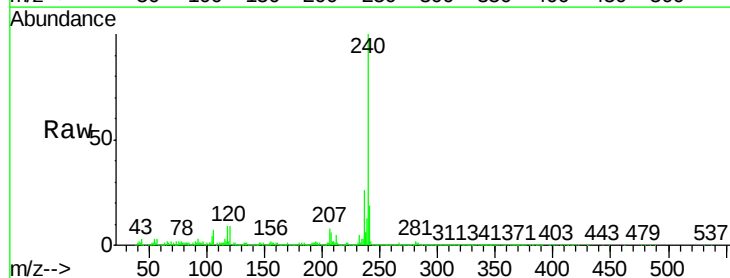
Tgt Ion:240 Resp: 395225

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

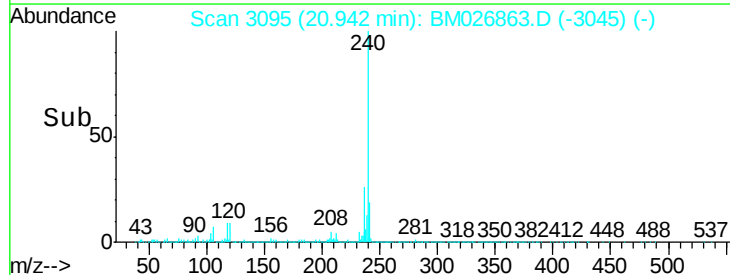
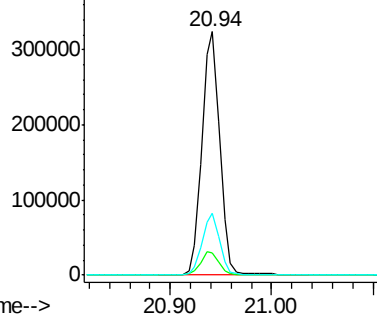
236 25.5 19.4 29.2

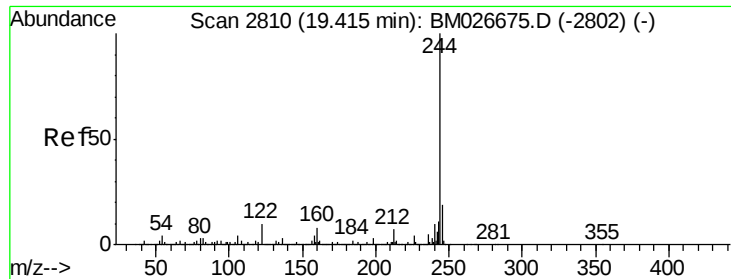


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.278 ng

RT: 19.38 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM026863.D

Acq: 23 Jul 2020 22:25

Instrument :

BNA_M

ClientSampleId :

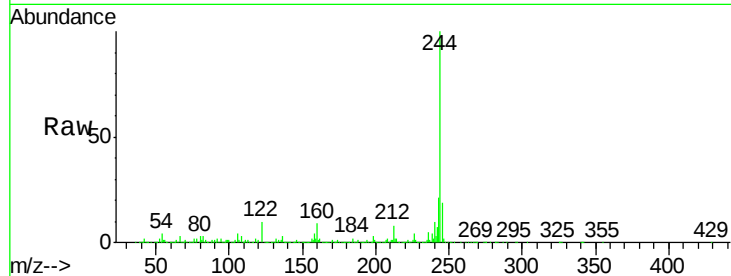
Tot Ion:244 Resp: 1692493

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

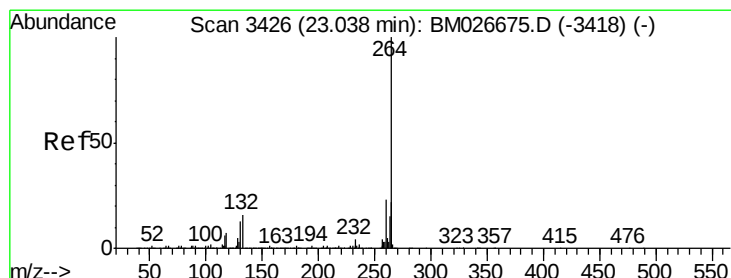
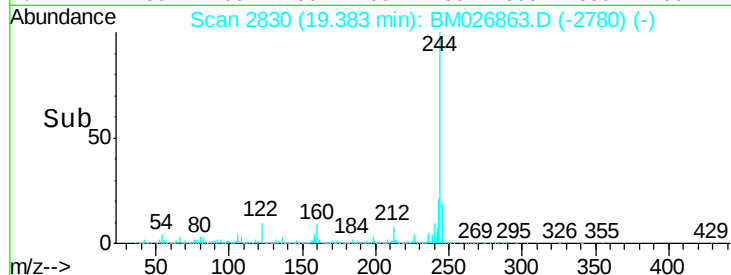
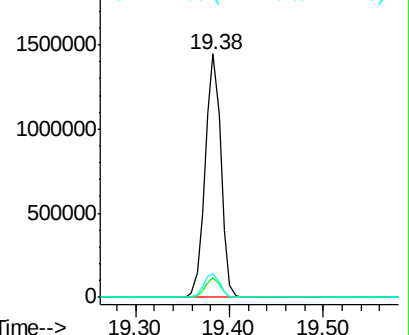
122 9.9 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.01 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM026863.D

Acq: 23 Jul 2020 22:25

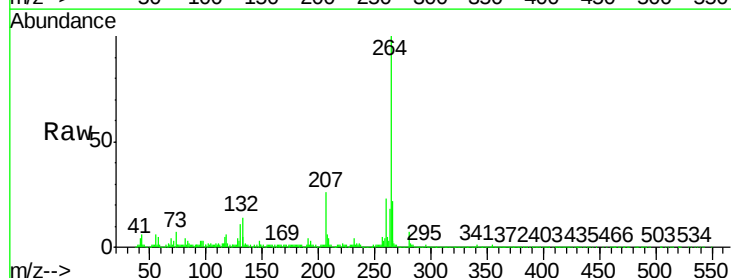
Tgt Ion:264 Resp: 408453

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.6 17.6 26.4



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

