

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027190.D
 Acq On : 22 Aug 2020 03:31
 Operator : JU/CG
 Sample : L3719-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20200511-AMENDED-DISCRETE-00

Quant Time: Aug 22 05:34:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

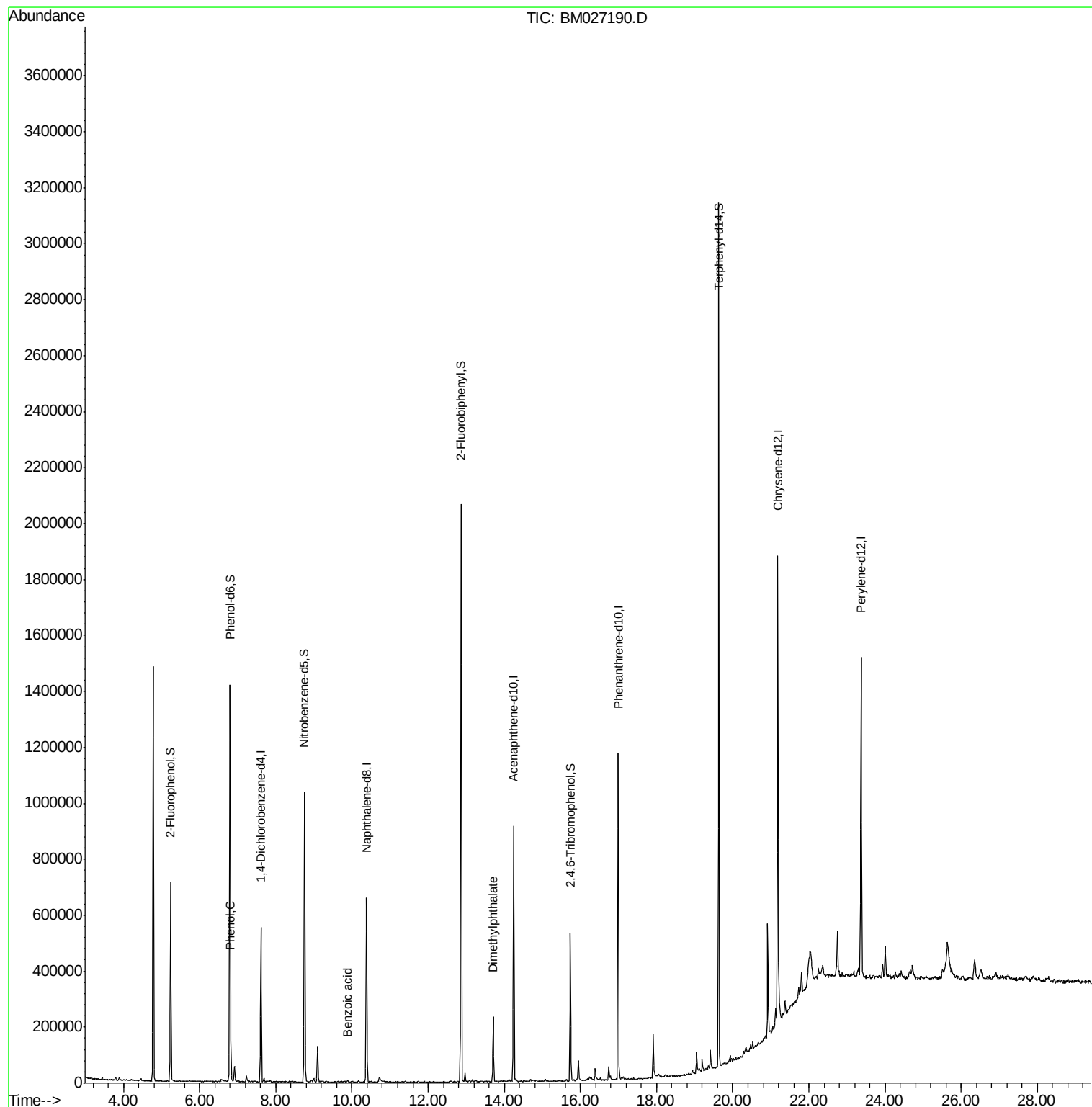
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	140238	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	501685	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	302674	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	653055	20.00	ng	0.00
76) Chrysene-d12	21.19	240	757573	20.00	ng	-0.01
86) Perylene-d12	23.37	264	814878	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	266049	36.98	ng	0.00
7) Phenol-d6	6.80	99	726134	73.52	ng	0.00
23) Nitrobenzene-d5	8.75	82	624346	51.34	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	90367	18.44	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1003351	43.55	ng	0.00
79) Terphenyl-d14	19.63	244	1190024	29.34	ng	0.00
Target Compounds						
10) Phenol	6.82	94	28422	3.019	ng	94
32) Benzoic acid	9.90	122	56	4.993	ng	# 33
50) Dimethylphthalate	13.71	163	134743	5.483	ng	99

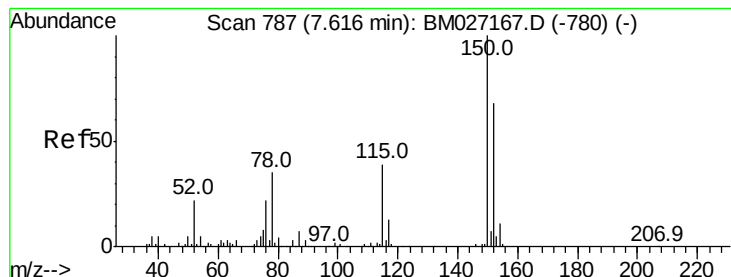
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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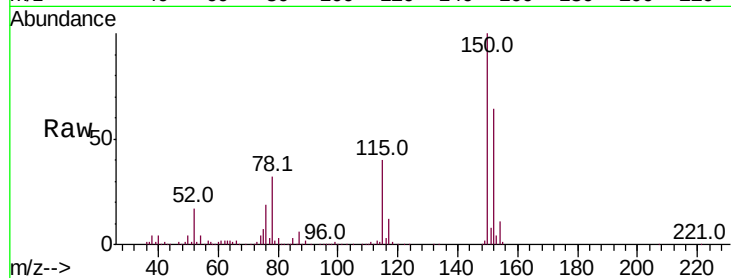


#1

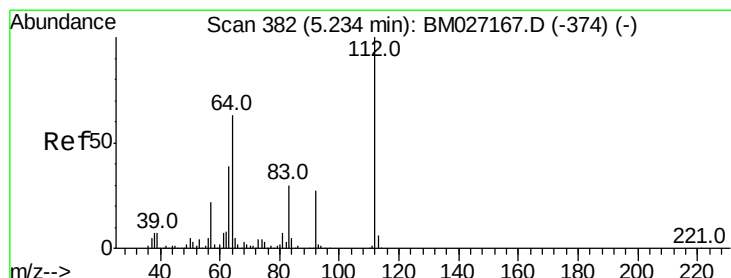
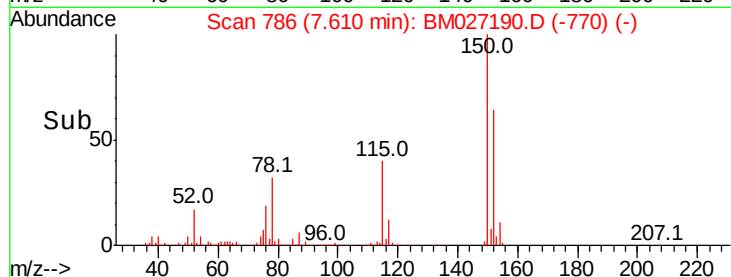
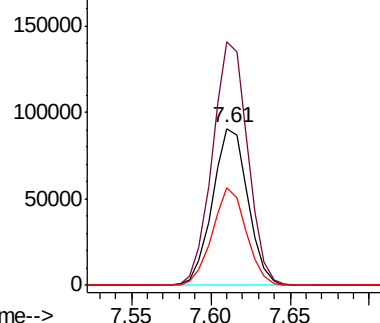
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Instrument :
BNA_M
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Tot Ion:152 Resp: 140238
Ion Ratio Lower Upper
152 100
150 155.5 118.2 177.4
115 62.1 46.1 69.1



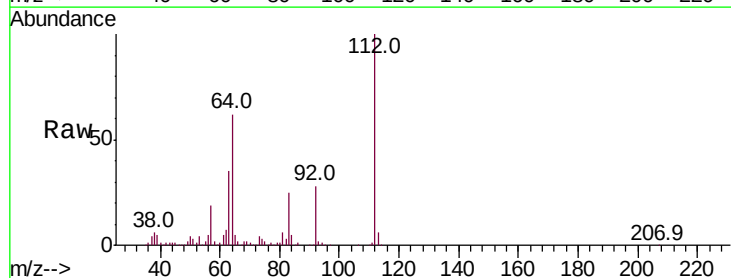
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



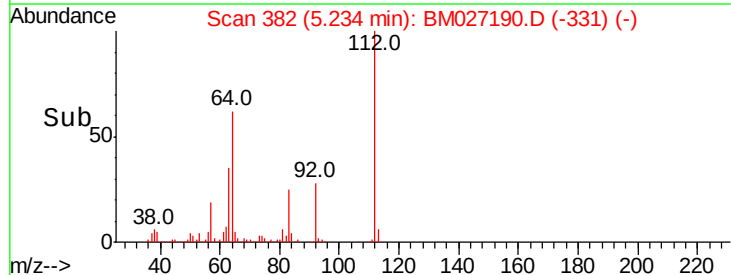
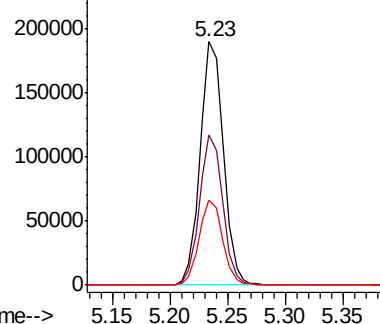
#5

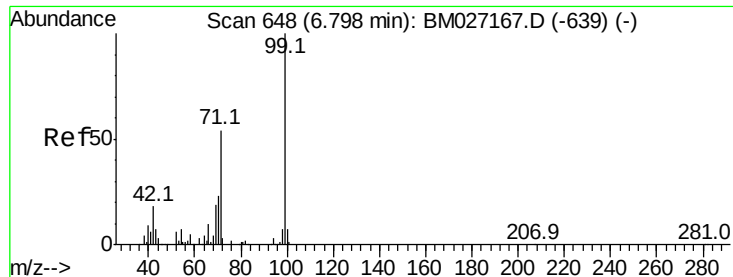
2-Fluorophenol
Concen: 36.983 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Tgt Ion:112 Resp: 266049
Ion Ratio Lower Upper
112 100
64 61.9 50.0 75.0
63 34.7 31.6 47.4



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: 73.518 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027190.D

Acq: 22 Aug 2020 03:31

Instrument :

BNA_M

ClientSampleId :

20200511-AMENDED-DISCRETE-00

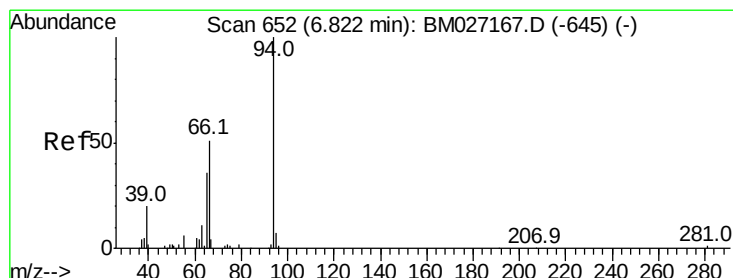
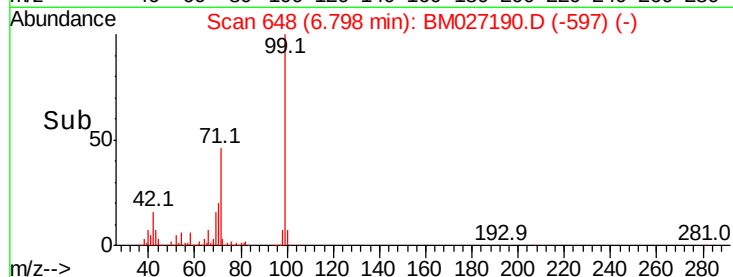
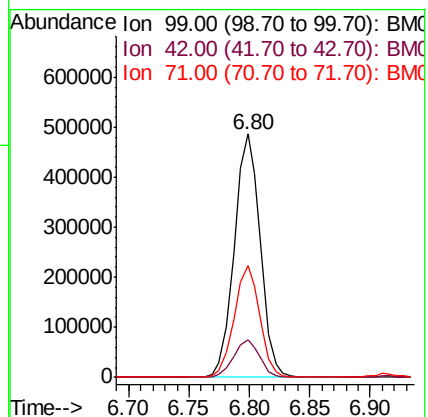
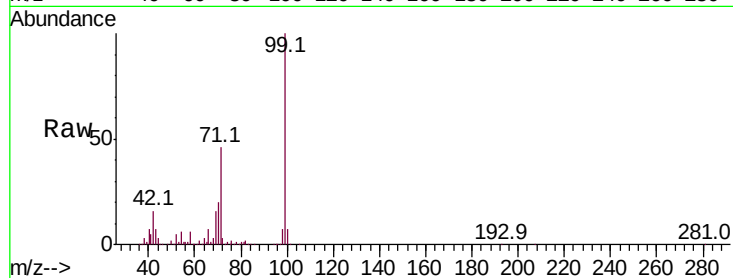
Tot Ion: 99 Resp: 726134

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 45.7 43.0 64.4



#10

Phenol

Concen: 3.019 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM027190.D

Acq: 22 Aug 2020 03:31

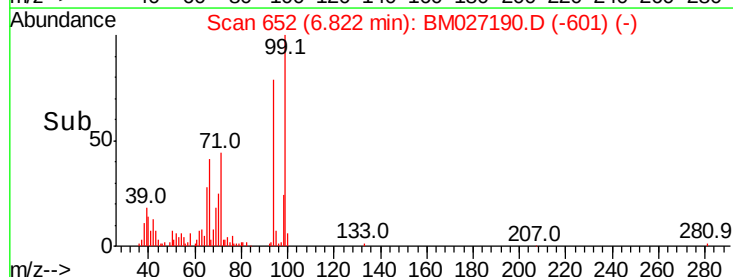
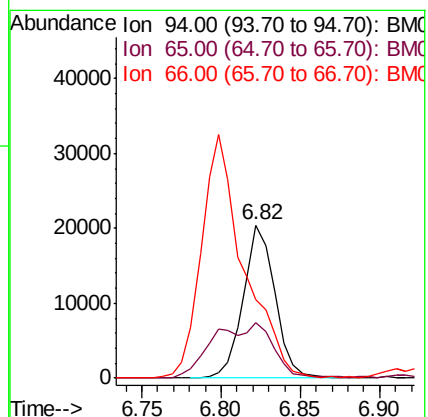
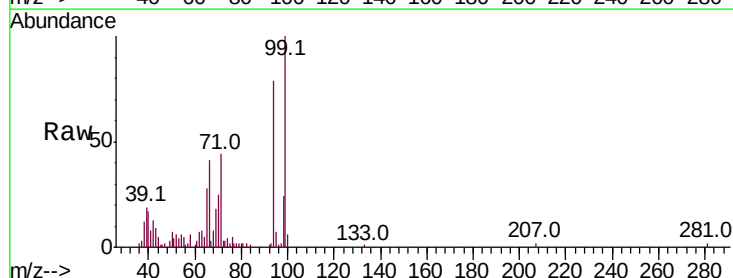
Tgt Ion: 94 Resp: 28422

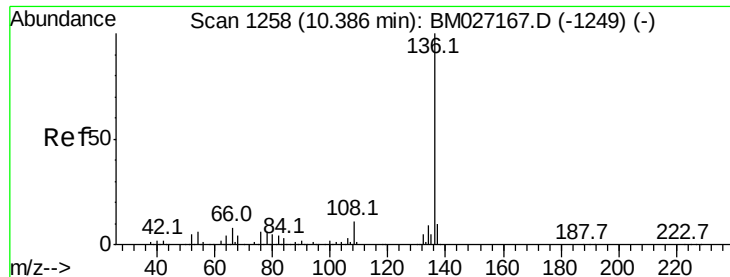
Ion Ratio Lower Upper

94 100

65 36.0 17.0 57.0

66 51.6 37.8 77.8

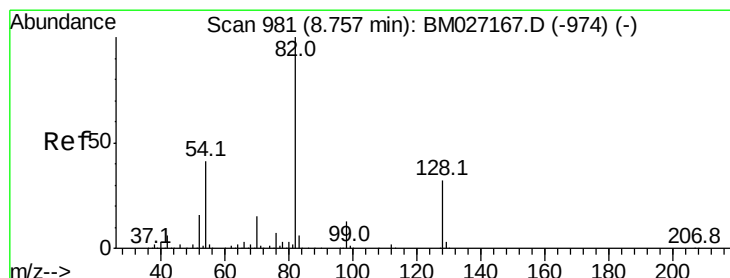
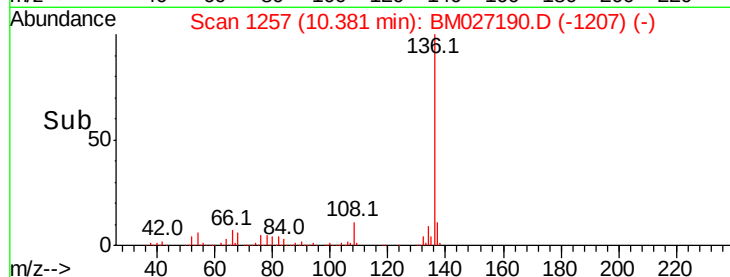
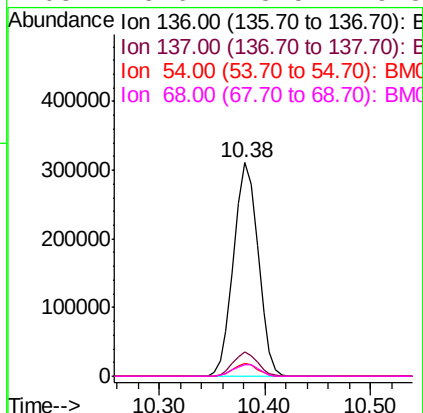
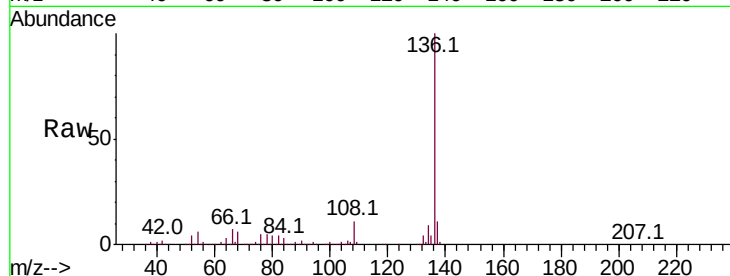




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

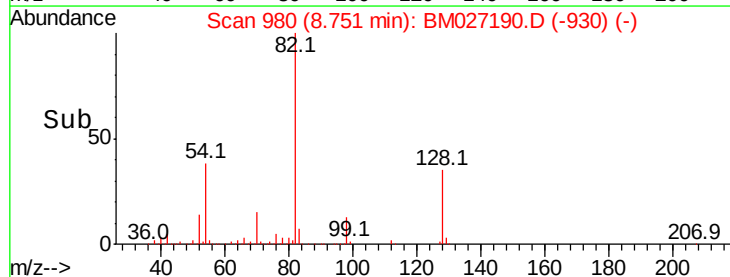
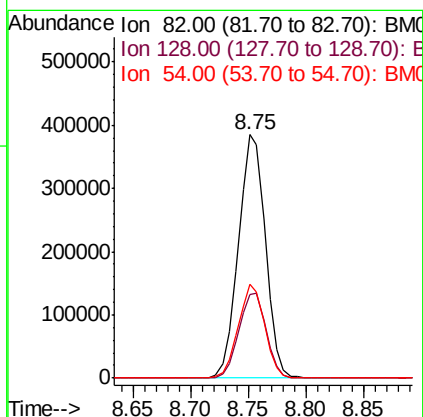
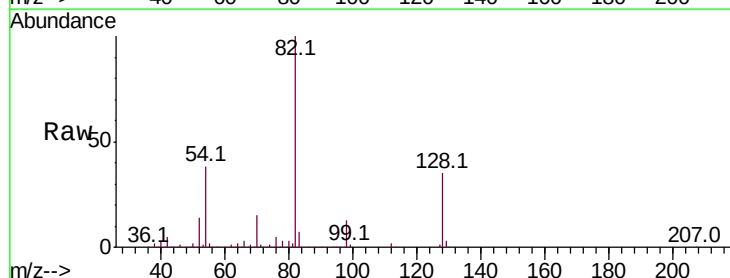
Instrument :
BNA_M
ClientSampleId :
20200511-AMENDED-DISCRETE-00

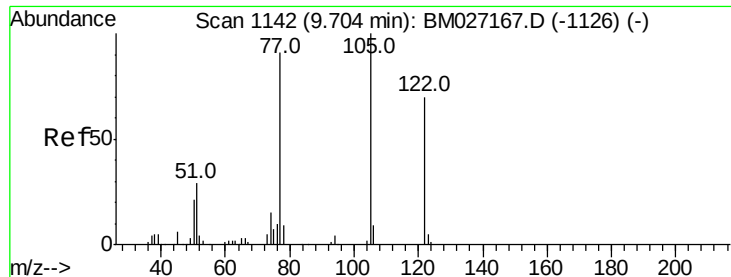
Tot Ion:136	Resp:	501685
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.4
54	5.9	4.8 7.2
68	5.6	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 51.345 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Tgt Ion: 82	Resp:	624346
Ion Ratio	Lower	Upper
82	100	
128	34.6	25.7 38.5
54	38.4	33.0 49.4

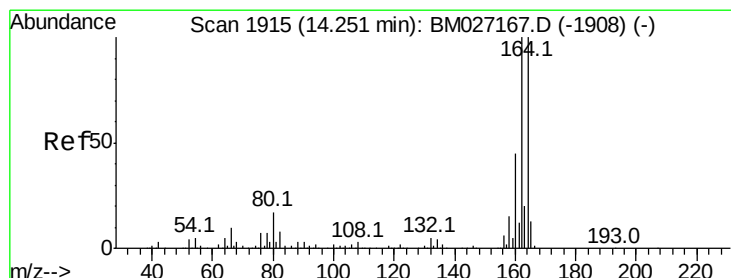
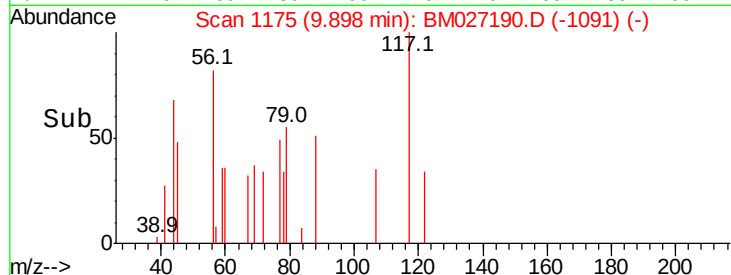
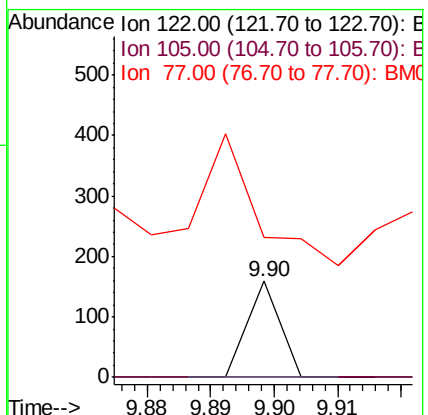
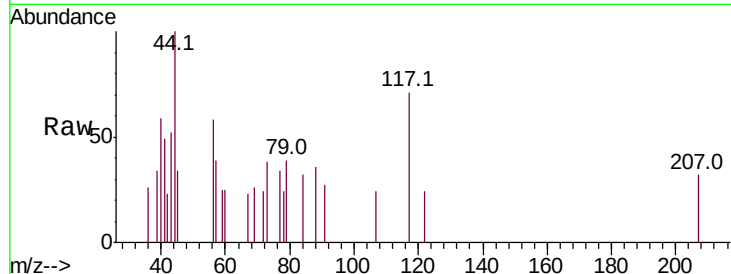




#32
Benzoic acid
Concen: 4.993 ng
RT: 9.90 min Scan# 1175
Delta R.T. 0.19 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

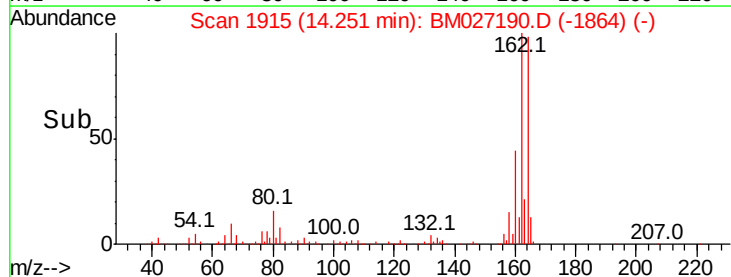
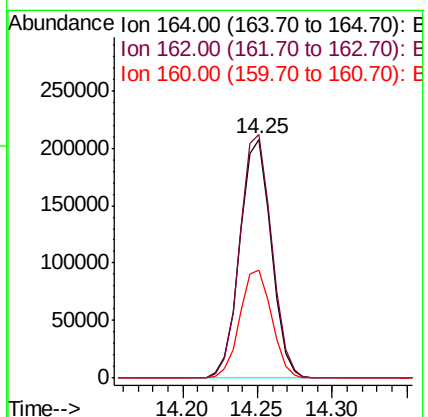
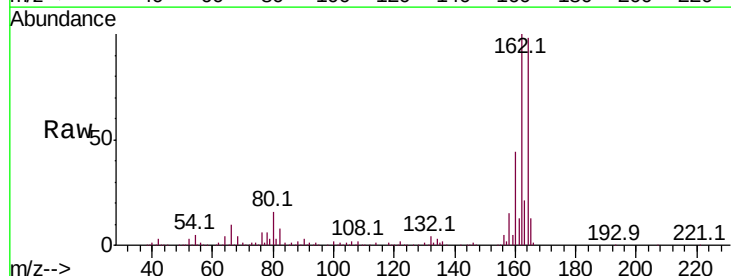
Instrument :
BNA_M
ClientSampleId :
20200511-AMENDED-DISCRETE-00

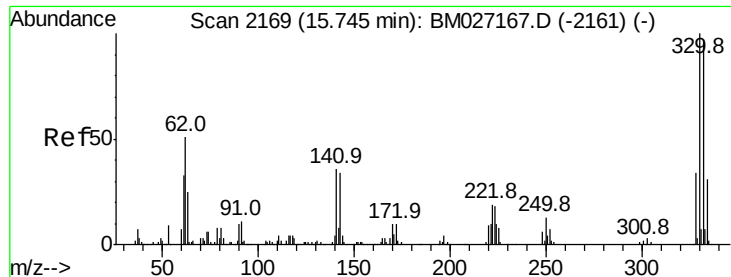
Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 117.8 157.8#
77 145.3 107.8 147.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Tgt Ion:164 Resp: 302674
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.4
160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 18.437 ng

RT: 15.74 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM027190.D

Acq: 22 Aug 2020 03:31

Instrument :

BNA_M

ClientSampleId :

20200511-AMENDED-DISCRETE-00

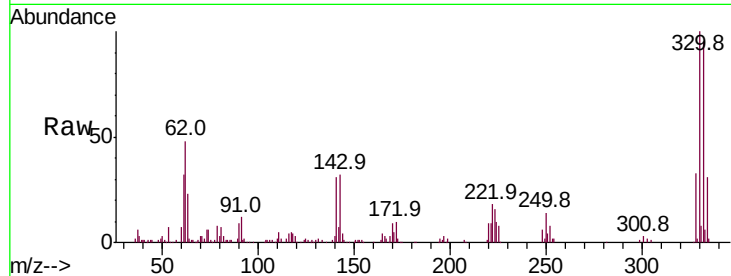
Tot Ion:330 Resp: 90367

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

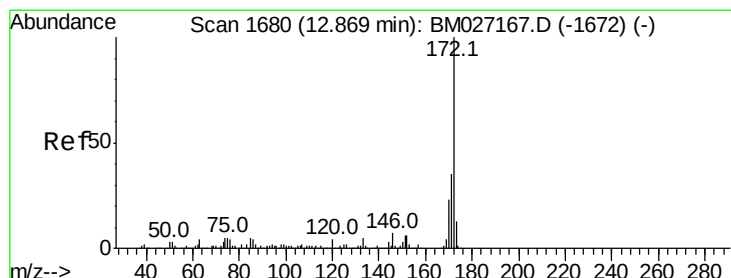
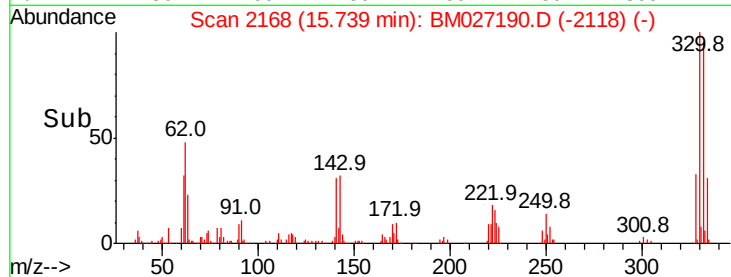
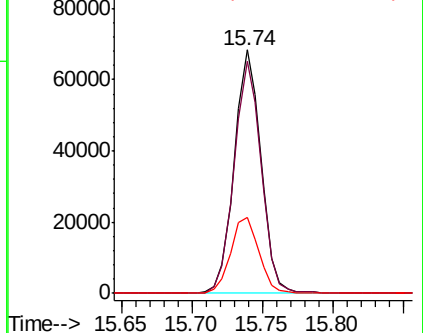
141 33.0 31.0 46.6



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: 43.546 ng

RT: 12.87 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BM027190.D

Acq: 22 Aug 2020 03:31

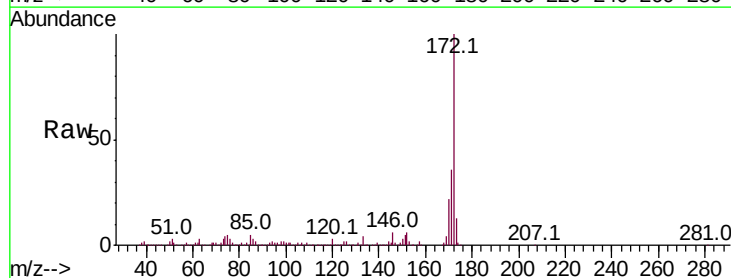
Tgt Ion:172 Resp: 1003351

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

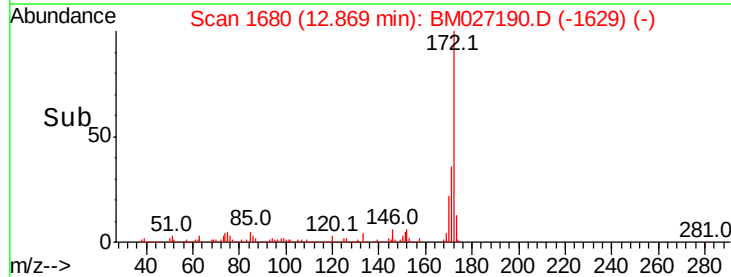
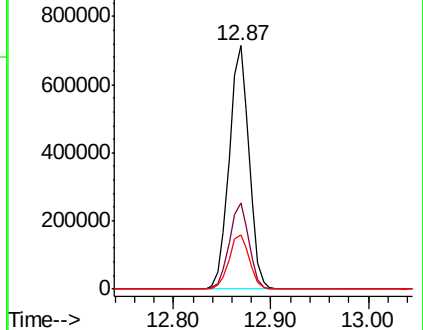
170 22.4 18.6 28.0

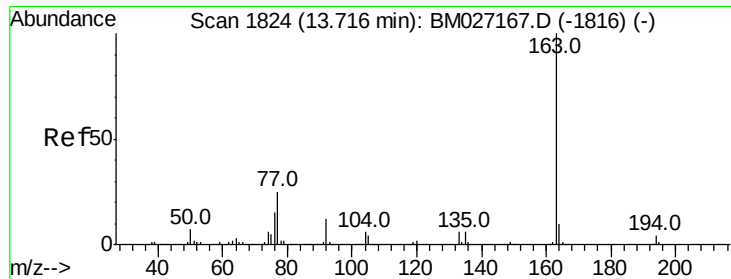


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

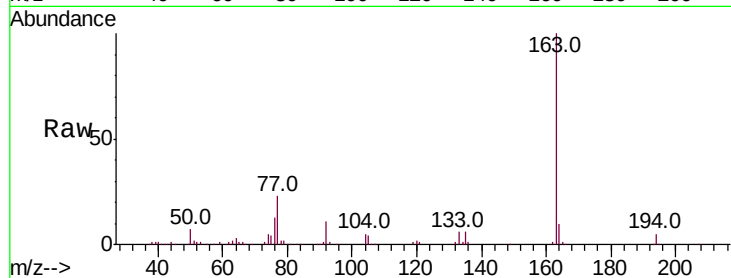




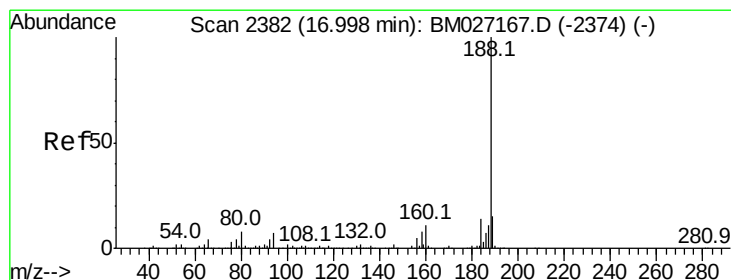
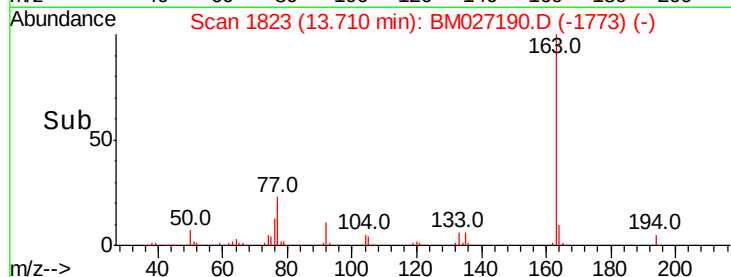
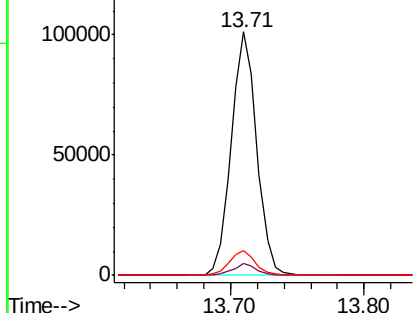
#50
Dimethylphthalate
Concen: 5.483 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Instrument :
BNA_M
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion:163 Resp: 134743
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.0 8.2 12.2

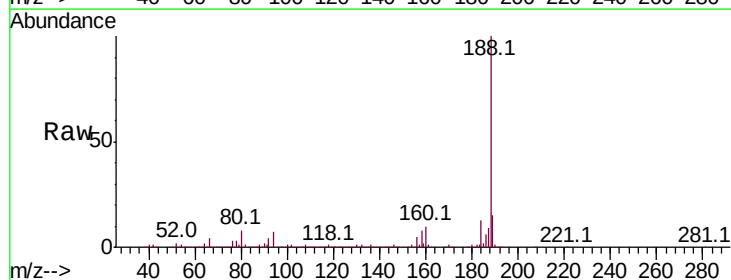


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

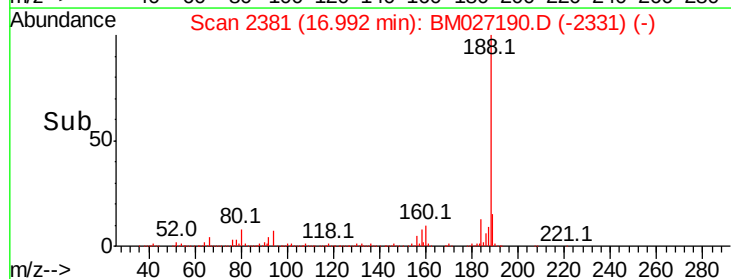
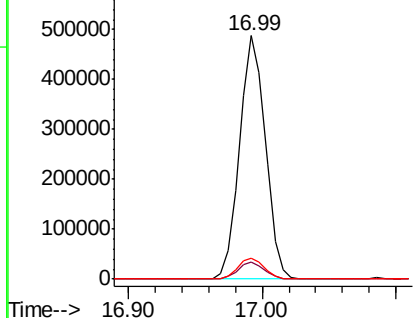


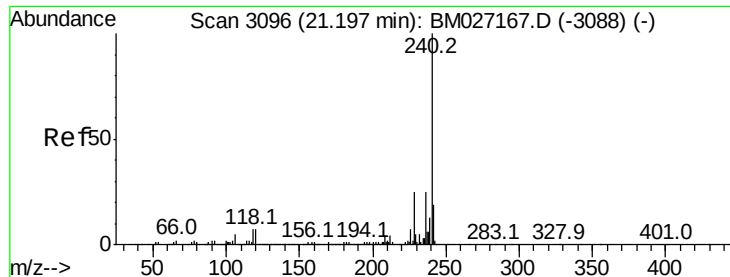
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Tgt Ion:188 Resp: 653055
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 8.5 6.2 9.4



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: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027190.D

Acq: 22 Aug 2020 03:31

Instrument :

BNA_M

ClientSampleId :

20200511-AMENDED-DISCRETE-00

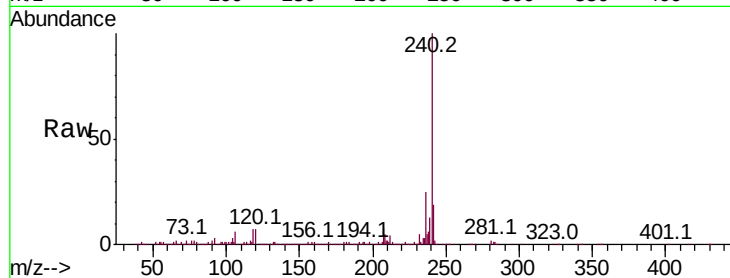
Tot Ion:240 Resp: 757573

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

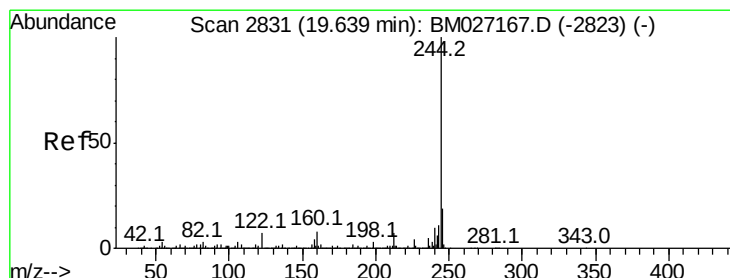
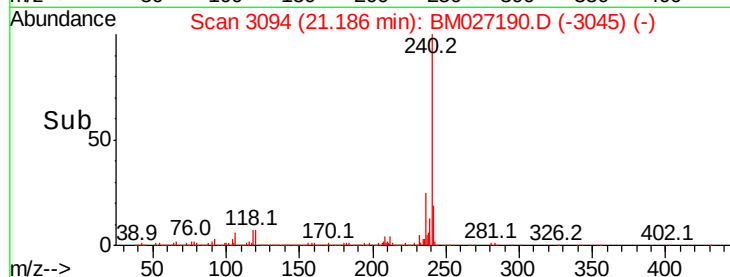
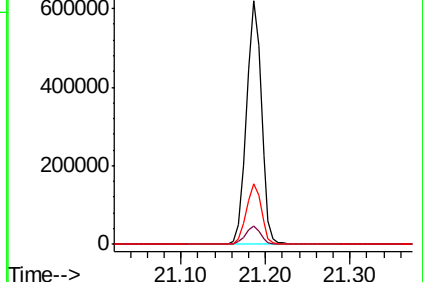
236 24.9 19.8 29.6



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: 29.344 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027190.D

Acq: 22 Aug 2020 03:31

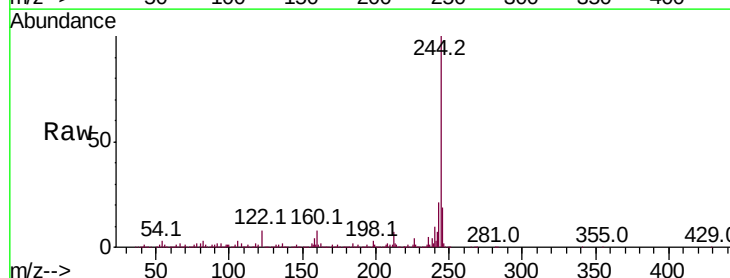
Tgt Ion:244 Resp: 1190024

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

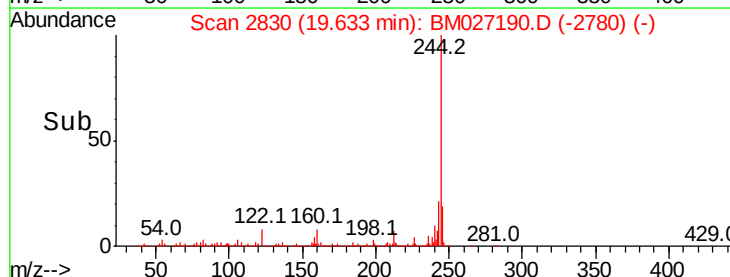
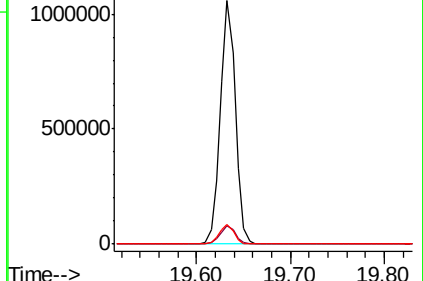
122 8.1 5.8 8.8

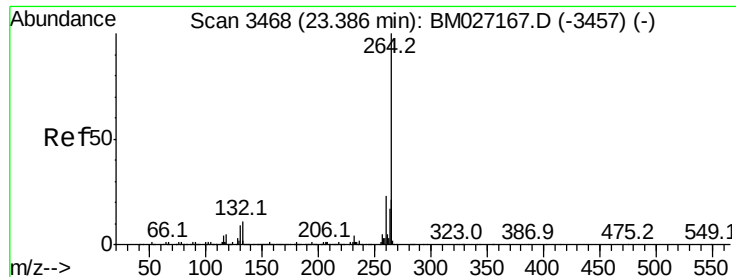


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM027190.D
Acq: 22 Aug 2020 03:31

Instrument :
BNA_M
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	22.2	17.5	26.3

