

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026742.D
 Acq On : 10 Jul 2020 20:04
 Operator : JU/CG
 Sample : L3217-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHS

Quant Time: Jul 13 09:12:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

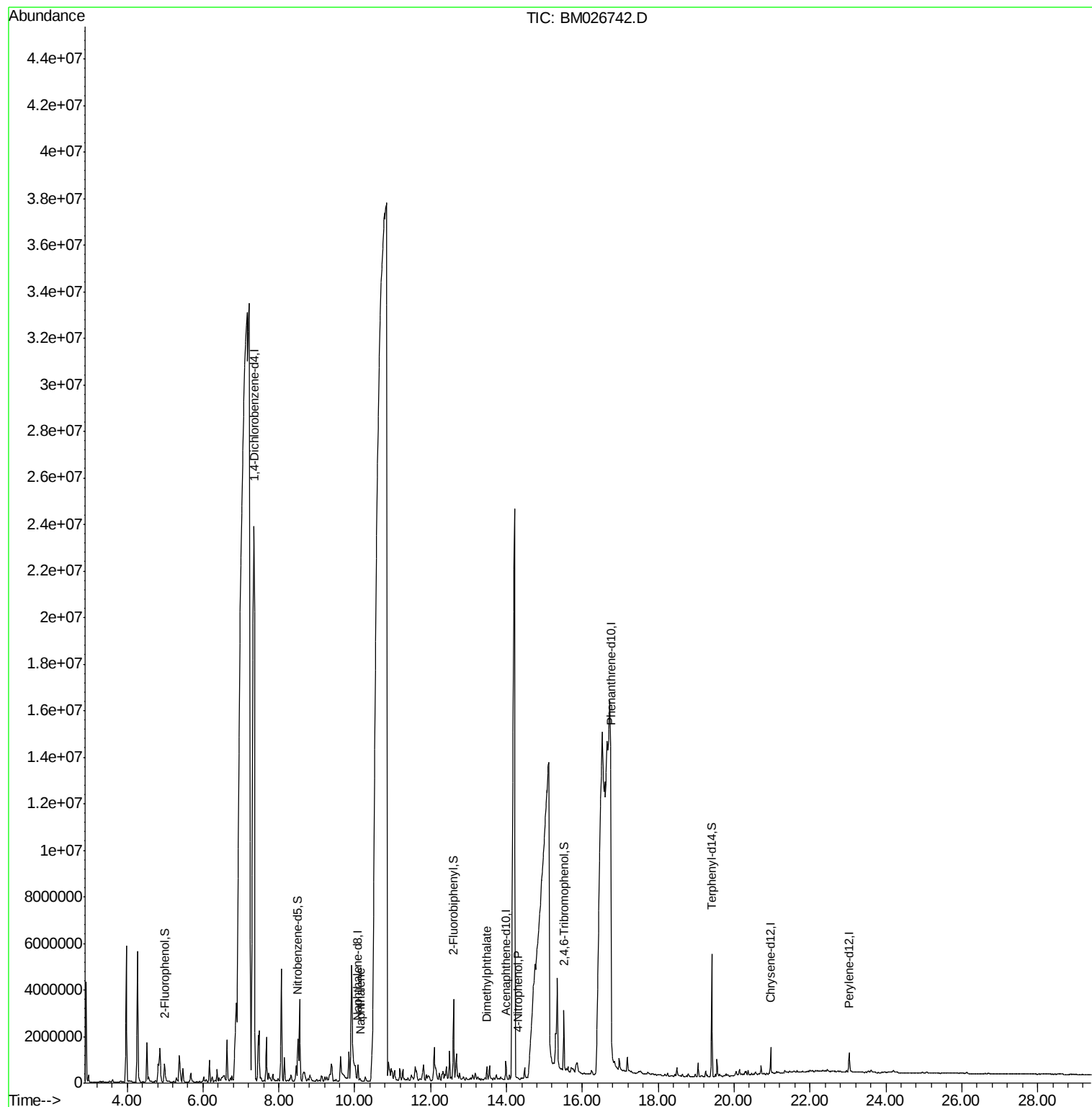
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	143757	20.00	ng	0.03
21) Naphthalene-d8	10.09	136	406660	20.00	ng	0.01
39) Acenaphthene-d10	13.99	164	235761	20.00	ng	0.00
64) Phenanthrene-d10	16.76	188	581514	20.00	ng	0.01
76) Chrysene-d12	20.96	240	480563	20.00	ng	0.00
86) Perylene-d12	23.03	264	473647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	59327	6.92	ng	0.02
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	8.51	82	800309	83.96	ng	0.04
42) 2,4,6-Tribromophenol	15.52	330	391127	113.89	ng	0.02
45) 2-Fluorobiphenyl	12.60	172	1515934	85.49	ng	0.01
79) Terphenyl-d14	19.41	244	2262405	92.65	ng	0.00
Target Compounds						
31) Naphthalene	10.14	128	60134	2.659	ng	98
50) Dimethylphthalate	13.48	163	268607	13.320	ng	98
56) 4-Nitrophenol	14.30	139	14606	7.460	ng	89

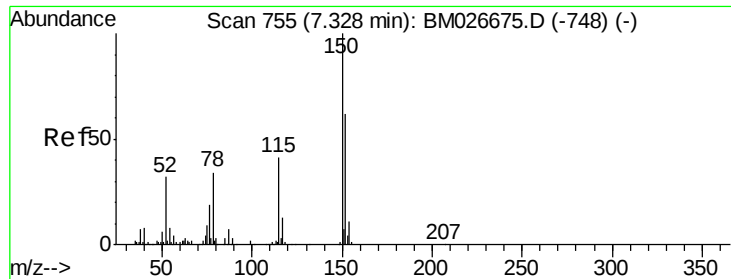
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026742.D
Acq On : 10 Jul 2020 20:04
Operator : JU/CG
Sample : L3217-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E3-41-NHS

Quant Time: Jul 13 09:12:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration



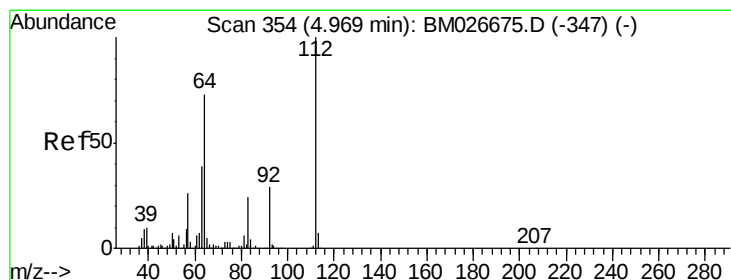
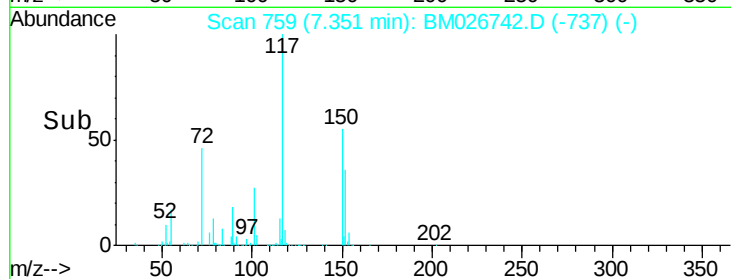
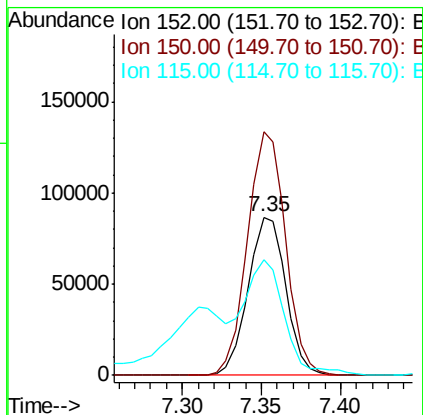
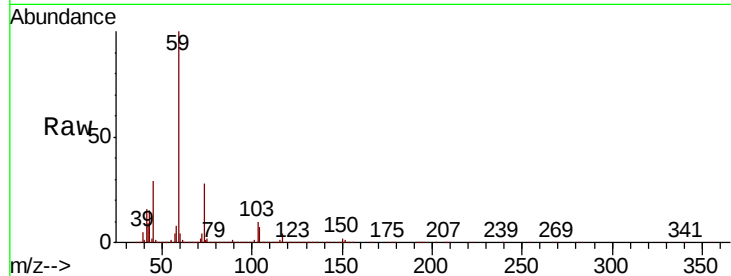


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 759
Delta R.T. 0.03 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

Instrument :
BNA_M
ClientSampleId :
E3-41-NHS

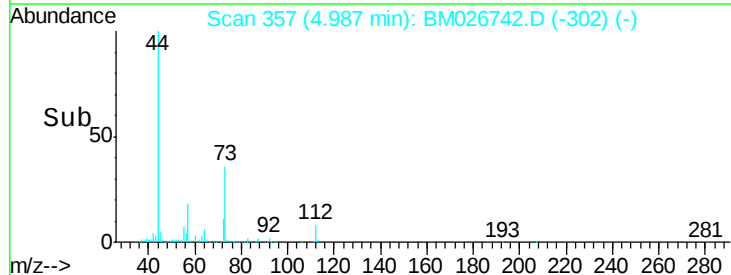
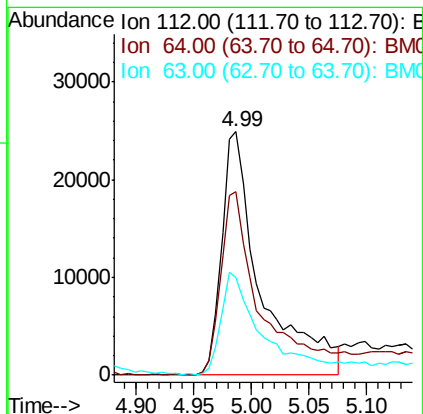
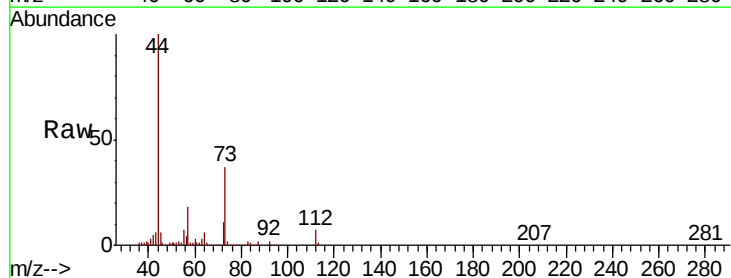
Tot Ion:152 Resp: 143757
Ion Ratio Lower Upper
152 100
150 154.1 128.1 192.1
115 73.1 52.2 78.4

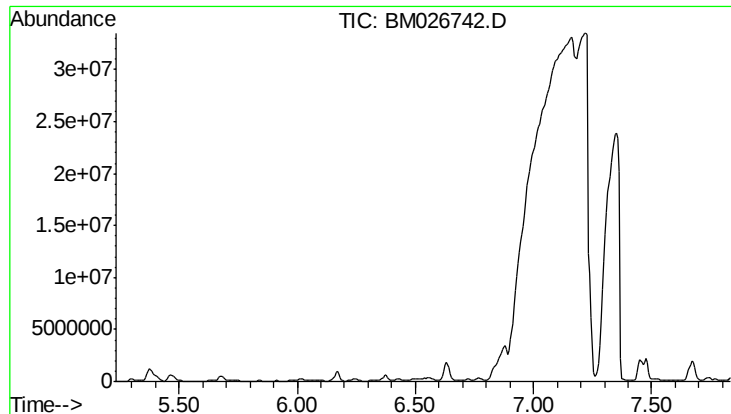


#5

2-Fluorophenol
Concen: 6.917 ng
RT: 4.99 min Scan# 357
Delta R.T. 0.02 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

Tgt Ion:112 Resp: 59327
Ion Ratio Lower Upper
112 100
64 75.5 58.4 87.6
63 39.9 31.5 47.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.53 min

Lab File: BM026742.D

Acq: 10 Jul 2020 20:04

Instrument :

BNA_M

ClientSampleId :

E3-41-NHS

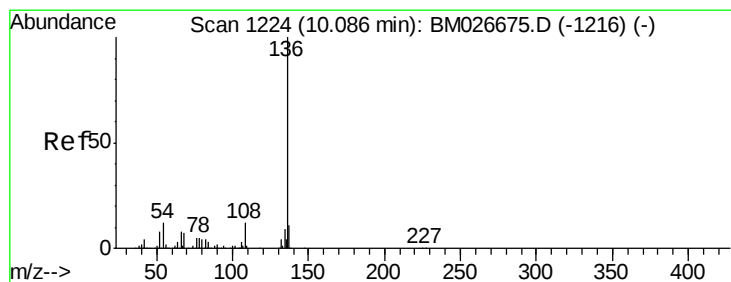
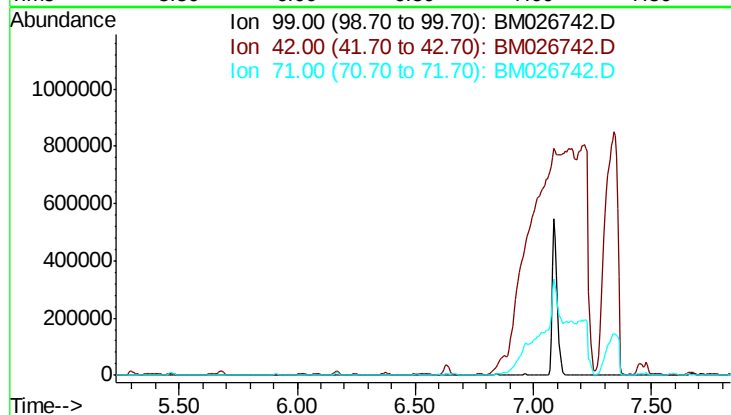
Tot Ion: 99

Sig Exp Ratio

99 100

42 27.1

71 41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.09 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BM026742.D

Acq: 10 Jul 2020 20:04

Tgt Ion: 136 Resp: 406660

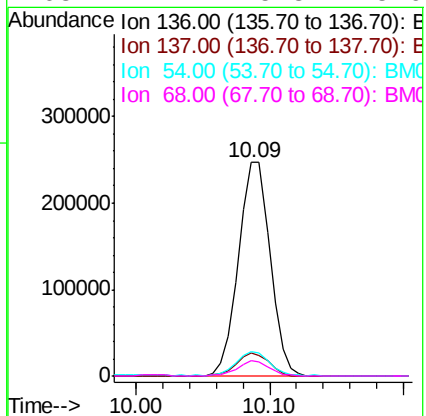
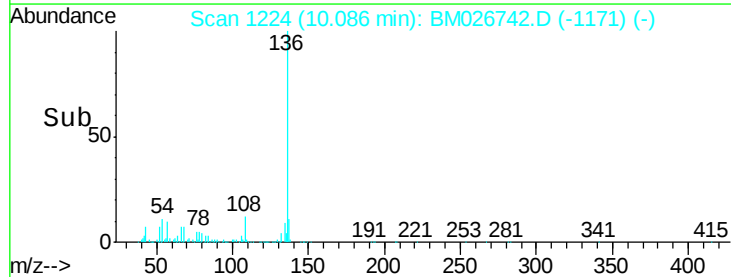
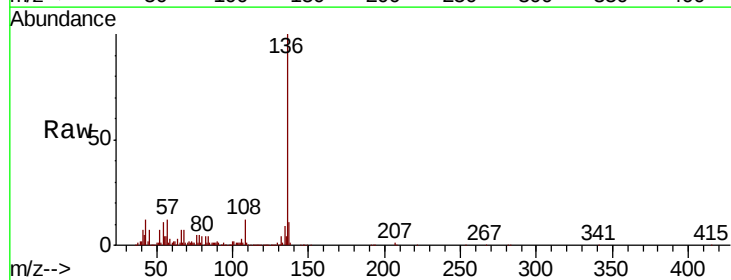
Ion Ratio Lower Upper

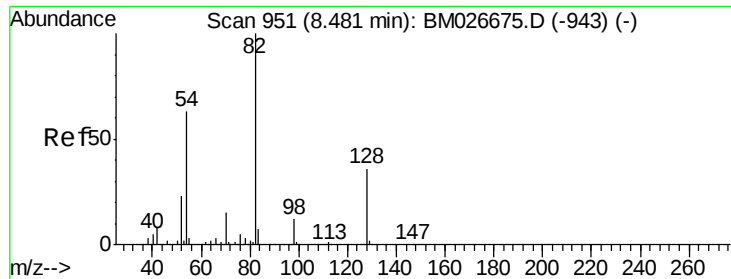
136 100

137 10.7 8.6 12.8

54 11.4 9.8 14.6

68 7.2 5.8 8.6

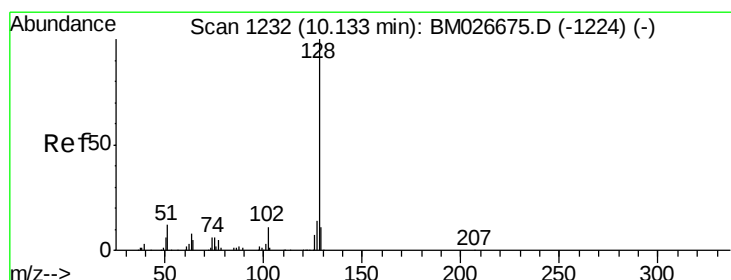
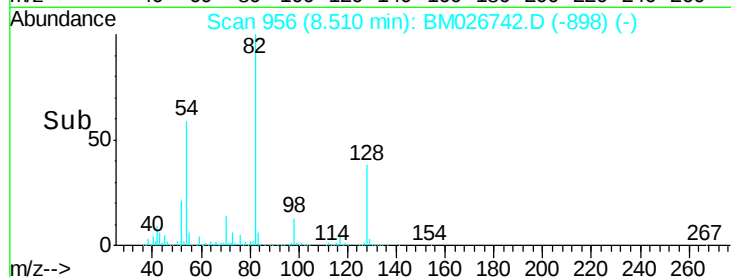
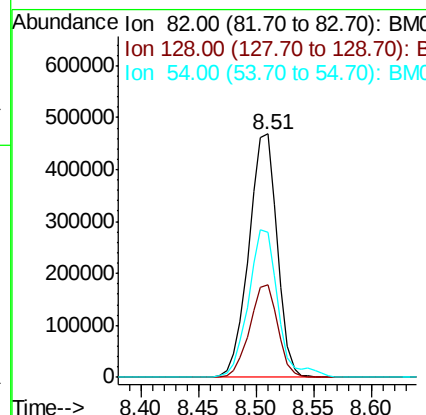
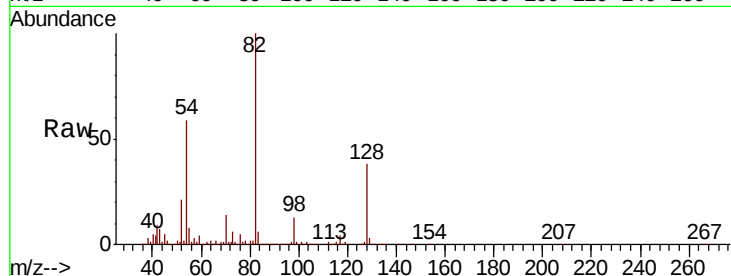




#23
 Nitrobenzene-d5
 Concen: 83.961 ng
 RT: 8.51 min Scan# 956
 Delta R.T. 0.04 min
 Lab File: BM026742.D
 Acq: 10 Jul 2020 20:04

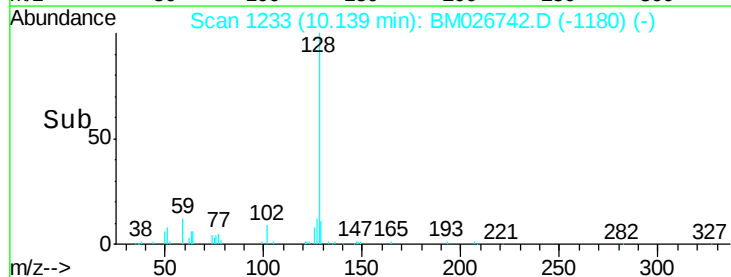
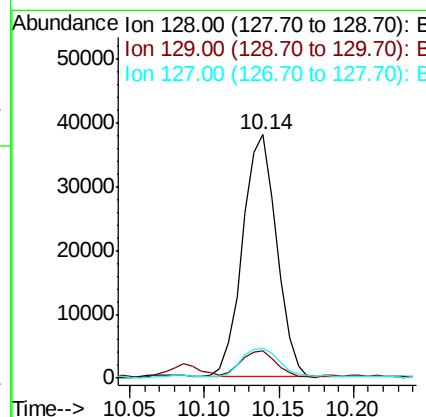
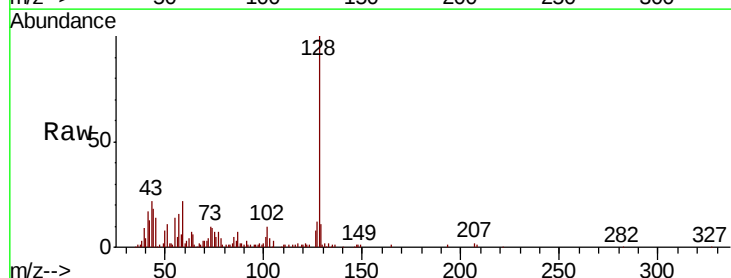
Instrument :
 BNA_M
 ClientSampleId :
 E3-41-NHS

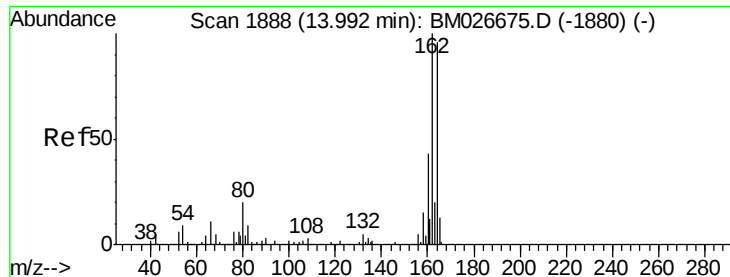
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.1	43.7
54	59.4	50.2	75.4



#31
 Naphthalene
 Concen: 2.659 ng
 RT: 10.14 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BM026742.D
 Acq: 10 Jul 2020 20:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.2	10.8	16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM026742.D

Acq: 10 Jul 2020 20:04

Instrument :

BNA_M

ClientSampleId :

E3-41-NHS

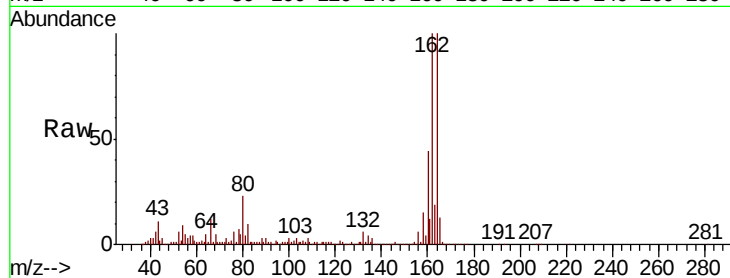
Tot Ion:164 Resp: 235761

Ion Ratio Lower Upper

164 100

162 100.2 83.7 125.5

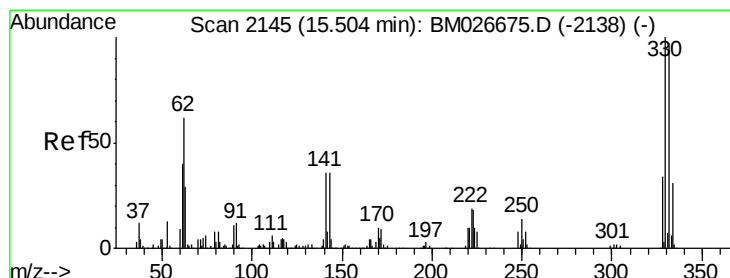
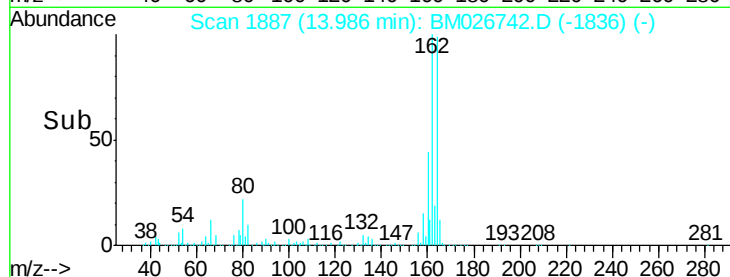
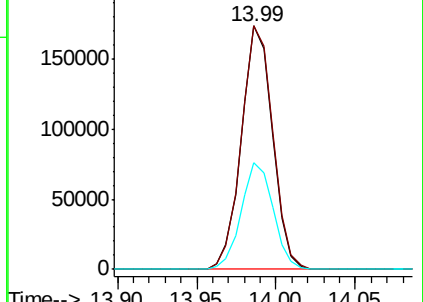
160 43.8 36.2 54.2



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: 113.888 ng

RT: 15.52 min Scan# 2147

Delta R.T. 0.02 min

Lab File: BM026742.D

Acq: 10 Jul 2020 20:04

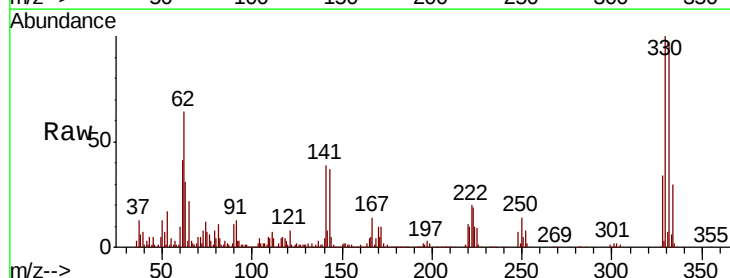
Tgt Ion:330 Resp: 391127

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

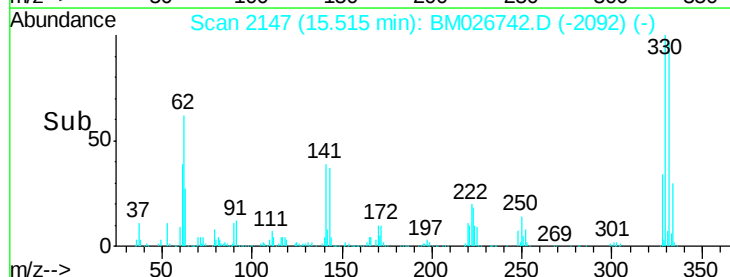
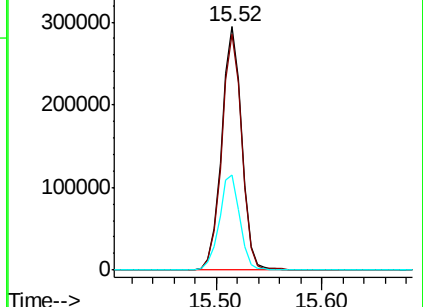
141 39.4 32.4 48.6

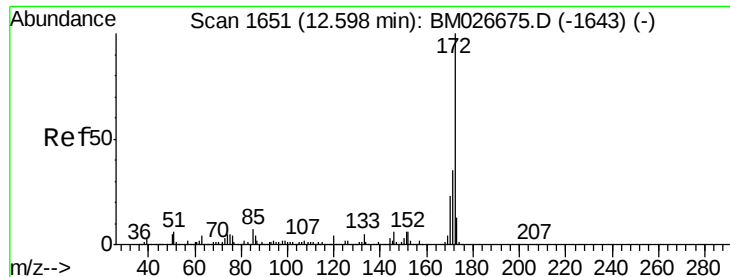


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

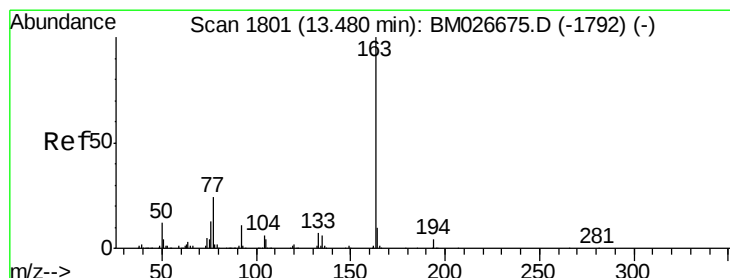
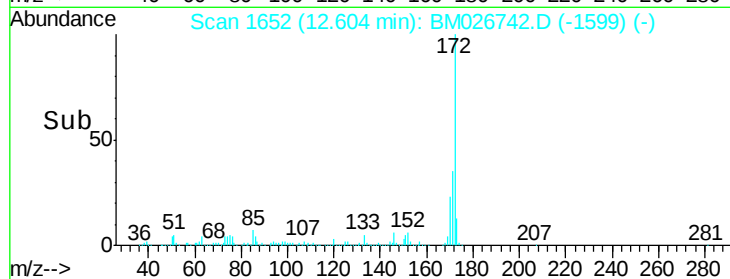
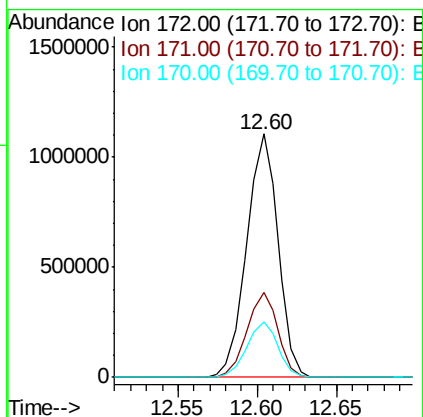
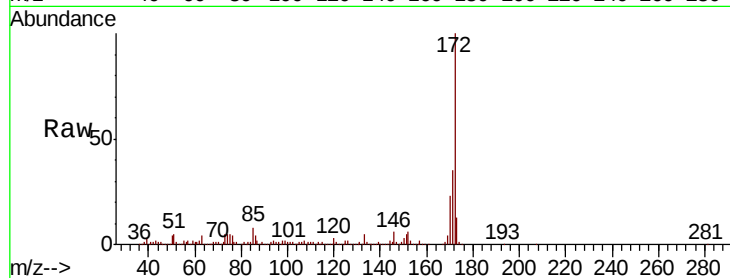




#45
2-Fluorobiphenyl
Concen: 85.495 ng
RT: 12.60 min Scan# 1652
Delta R.T. 0.01 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

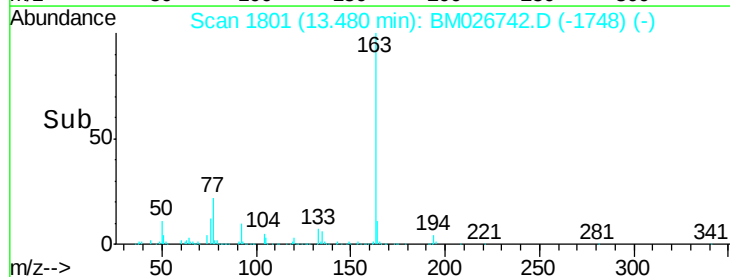
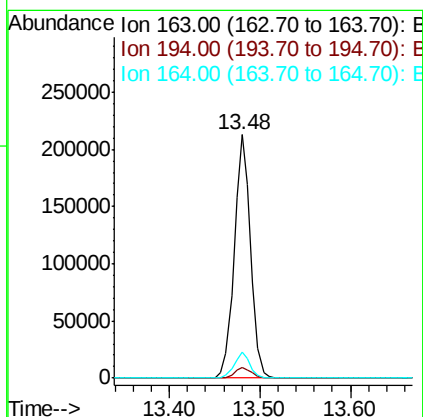
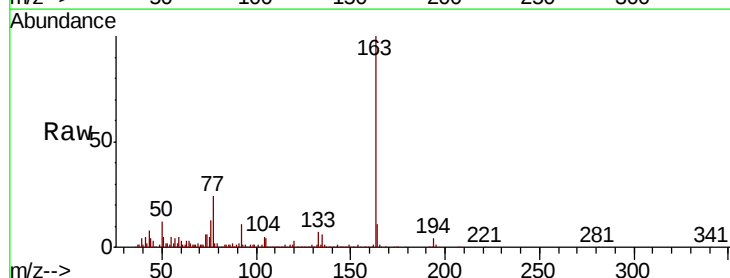
Instrument :
BNA_M
ClientSampleId :
E3-41-NHS

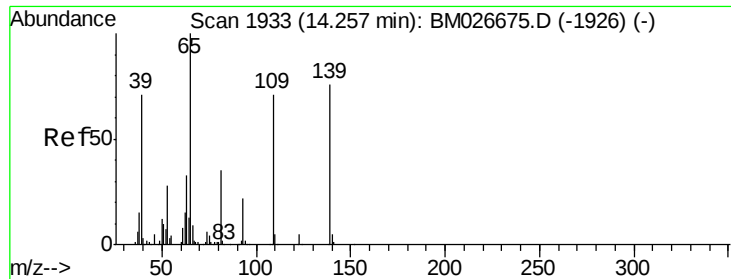
Tot Ion:172 Resp: 1515934
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 22.9 18.5 27.7



#50
Dimethylphthalate
Concen: 13.320 ng
RT: 13.48 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

Tgt Ion:163 Resp: 268607
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.7 7.8 11.6

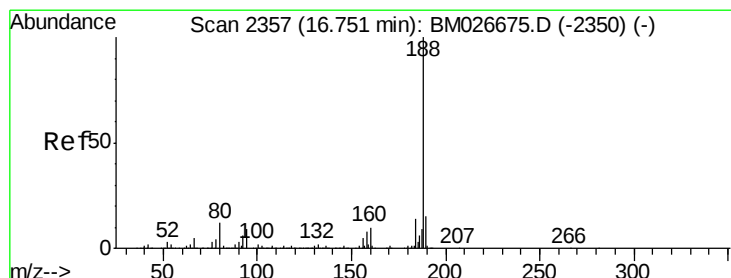
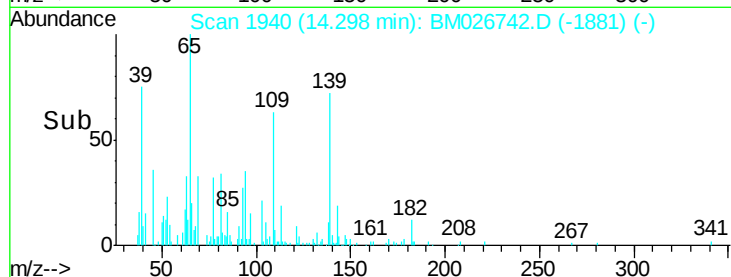
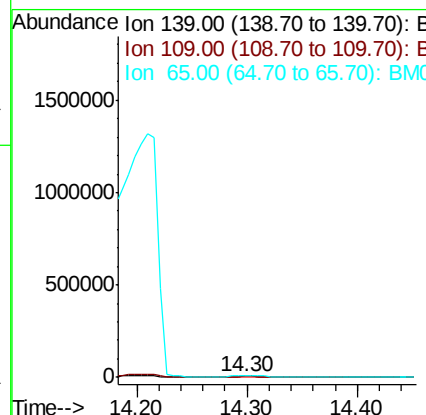
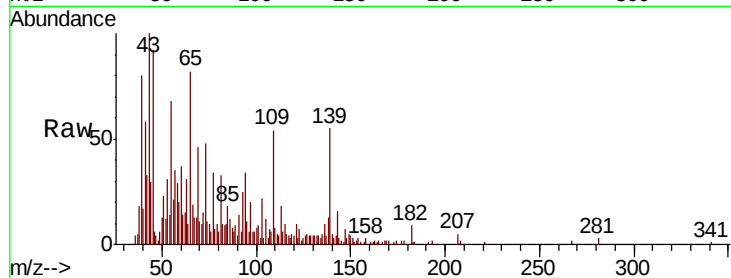




#56
4-Nitrophenol
Concen: 7.460 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.05 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

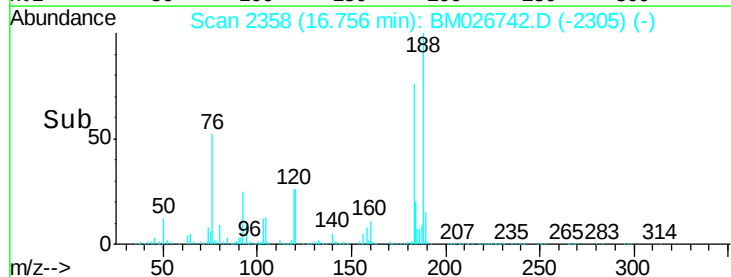
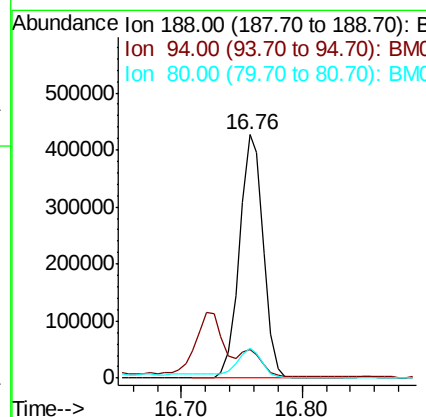
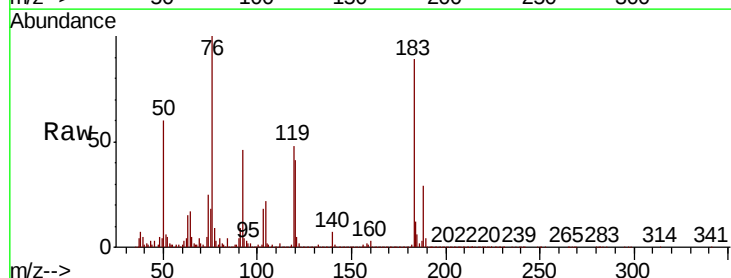
Instrument :
BNA_M
ClientSampleId :
E3-41-NHS

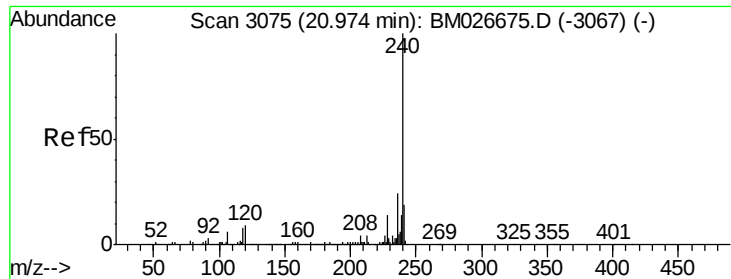
Tot Ion:139 Resp: 14606
Ion Ratio Lower Upper
139 100
109 98.2 73.7 113.7
65 149.2 111.5 151.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.76 min Scan# 2358
Delta R.T. 0.01 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

Tgt Ion:188 Resp: 581514
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.0#
80 12.2 9.3 13.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM026742.D

Acq: 10 Jul 2020 20:04

Instrument :

BNA_M

ClientSampleId :

E3-41-NHS

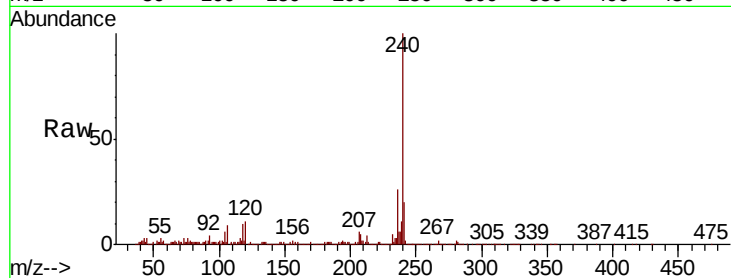
Tot Ion:240 Resp: 480563

Ion Ratio Lower Upper

240 100

120 11.1 7.3 10.9#

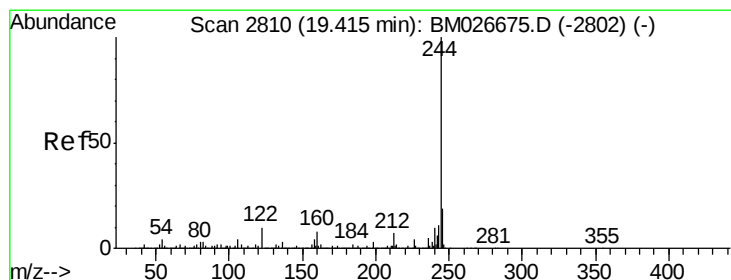
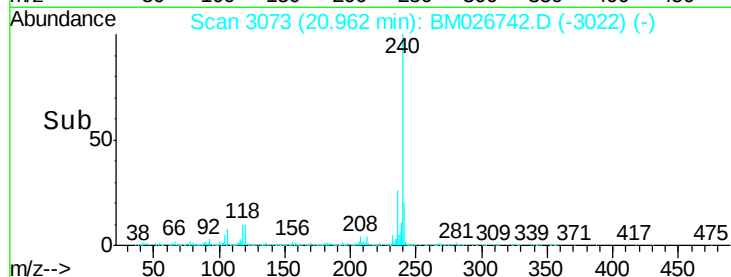
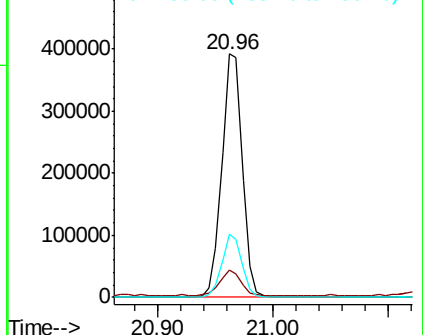
236 25.9 19.4 29.2



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: 92.651 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM026742.D

Acq: 10 Jul 2020 20:04

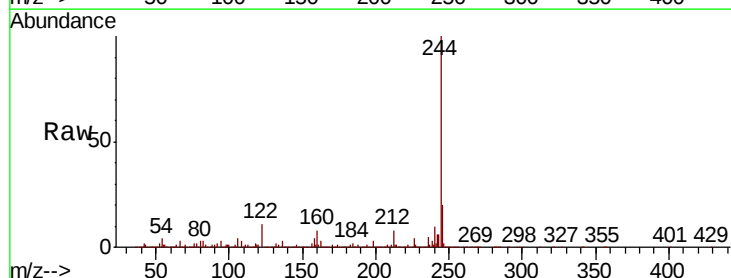
Tgt Ion:244 Resp: 2262405

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

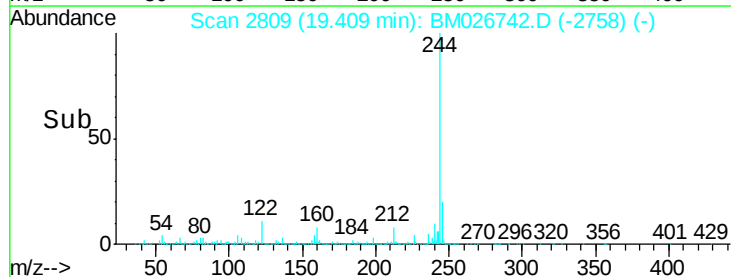
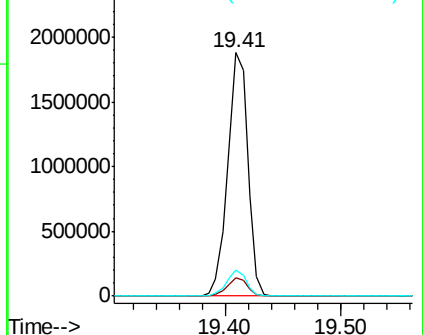
122 10.8 8.2 12.4

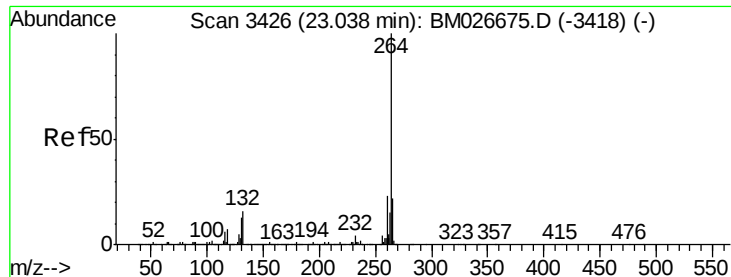


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

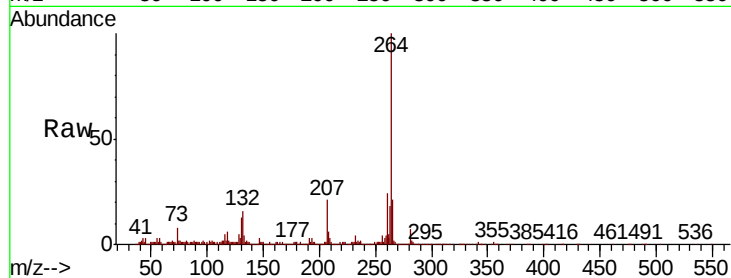




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BM026742.D
Acq: 10 Jul 2020 20:04

Instrument :
BNA_M
ClientSampleId :
E3-41-NHS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.5	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

