

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026298.D
 Acq On : 08 Jun 2020 21:58
 Operator : JU/CG
 Sample : L2812-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-060520

Quant Time: Jun 09 03:02:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:00:18 2020
 Response via : Initial Calibration

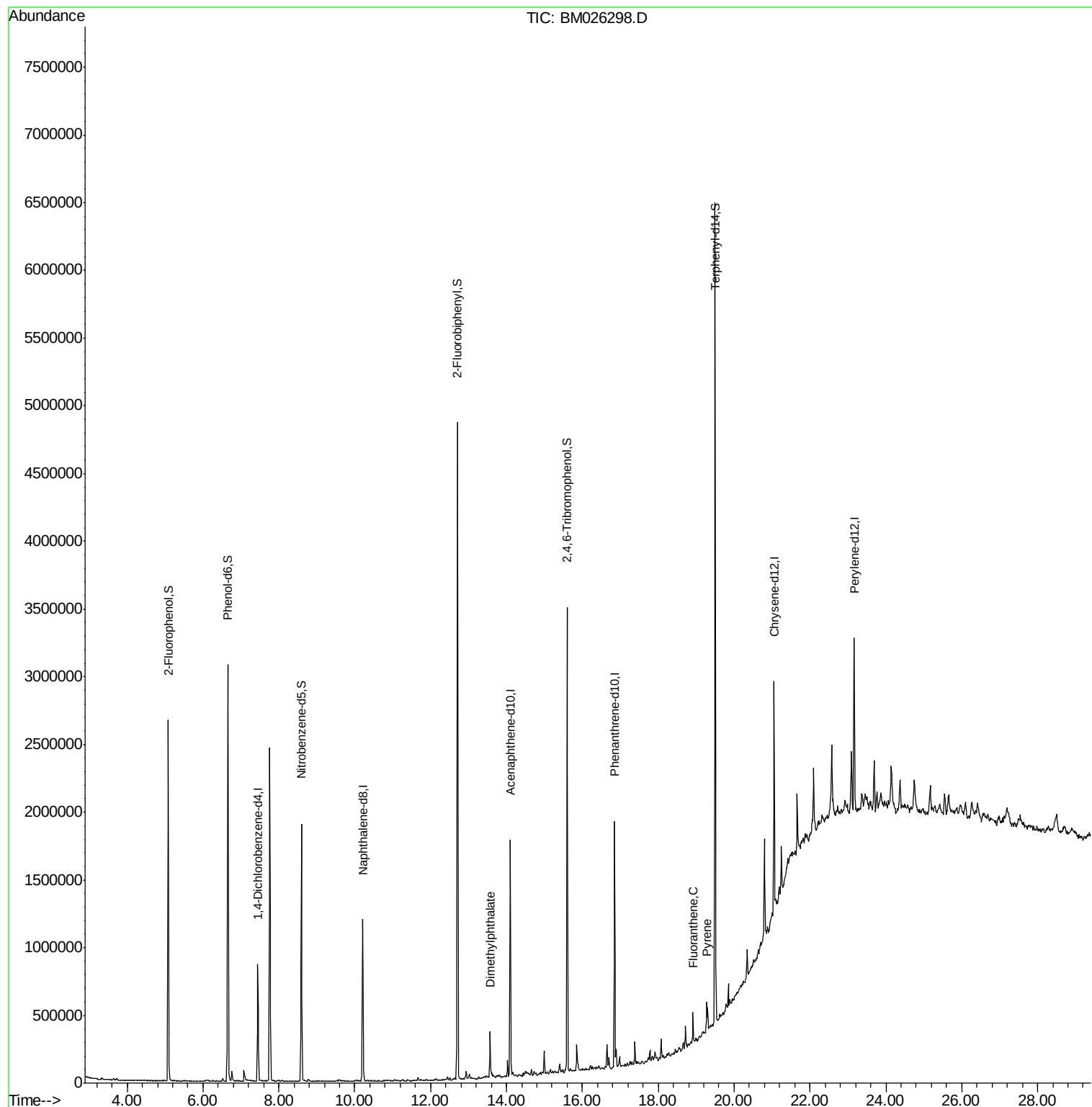
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	207549	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	869969	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	519848	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	976086	20.00	ng	0.00
76) Chrysene-d12	21.06	240	739811	20.00	ng	0.00
86) Perylene-d12	23.17	264	803637	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1067196	90.91	ng	0.00
7) Phenol-d6	6.66	99	1574173	92.61	ng	0.01
23) Nitrobenzene-d5	8.59	82	1049505	59.23	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	579982	92.10	ng	0.01
45) 2-Fluorobiphenyl	12.71	172	2330642	68.06	ng	0.00
79) Terphenyl-d14	19.50	244	2694445	70.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.57	163	192686	5.068	ng	99
75) Fluoranthene	18.92	202	130501	2.239	ng	97
78) Pyrene	19.28	202	123531	2.527	ng	98

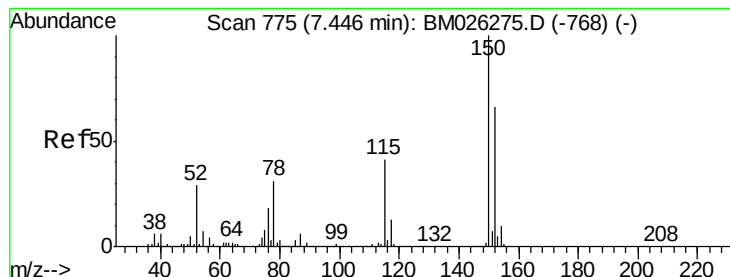
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. 0.01 min

Lab File: BM026298.D

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Instrument :

BNA_M

ClientSampleId :

OK-01-060520

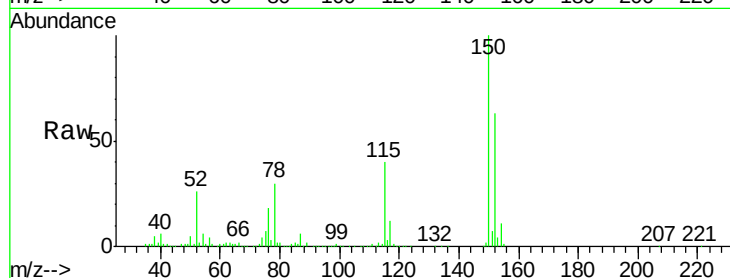
Tot Ion:152 Resp: 207549

Ion Ratio Lower Upper

152 100

150 157.6 122.1 183.1

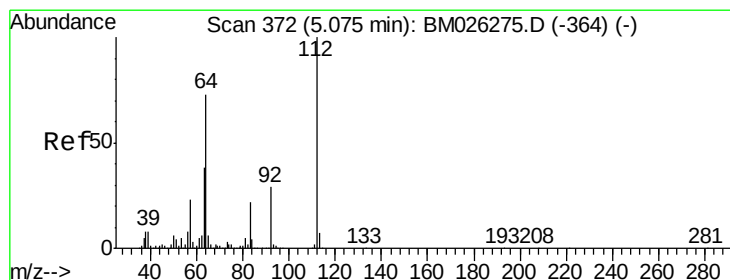
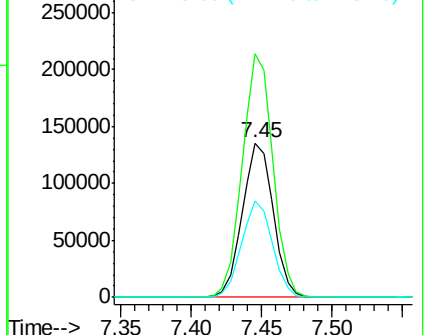
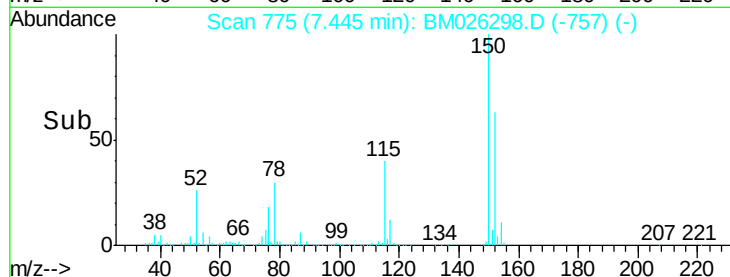
115 62.7 49.7 74.5



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: 90.911 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

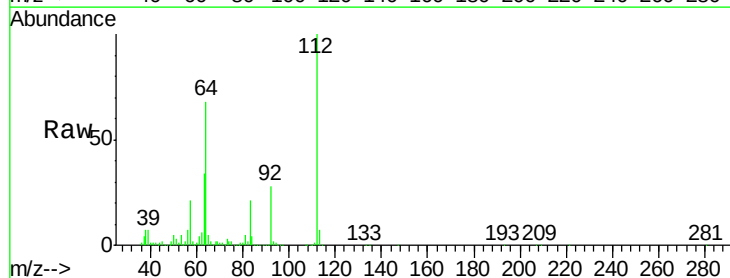
Tgt Ion:112 Resp: 1067196

Ion Ratio Lower Upper

112 100

64 67.5 58.1 87.1

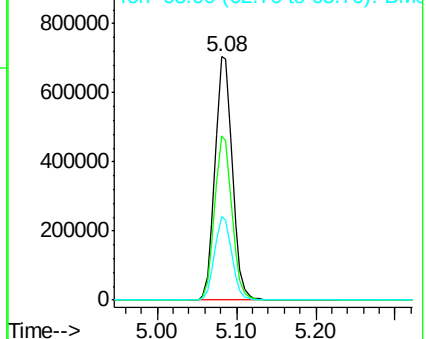
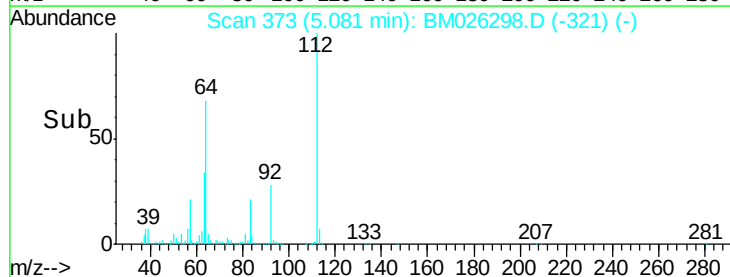
63 34.3 30.6 45.8

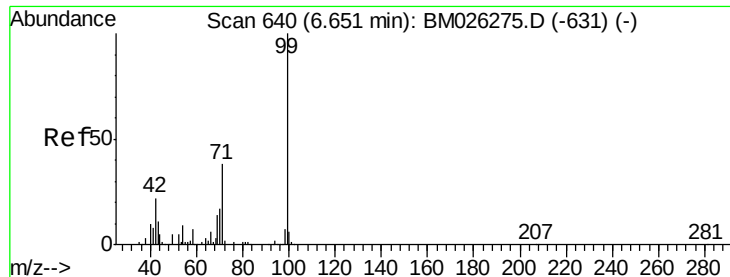


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 92.606 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

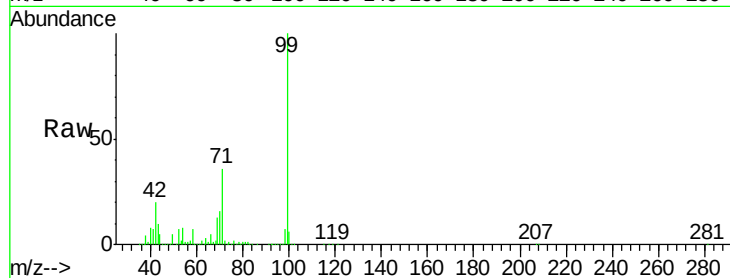
BNA_M

ClientSampleId :

OK-01-060520

Tot Ion: 99 Resp: 1574173

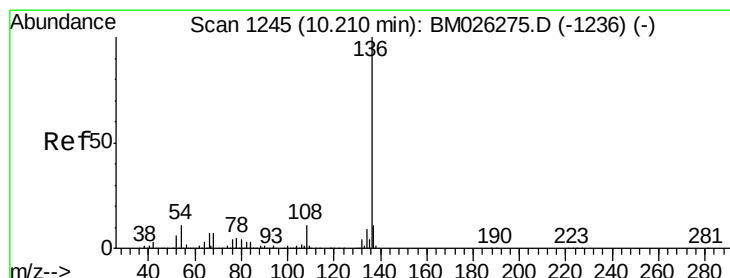
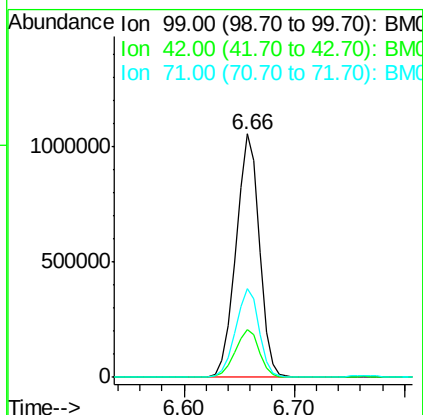
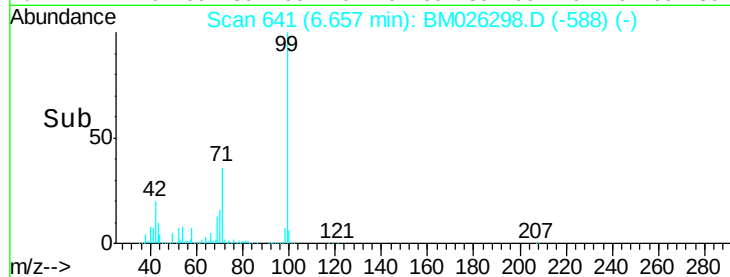
Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.0	27.0
71	36.4	30.6	45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.21 min Scan# 1245

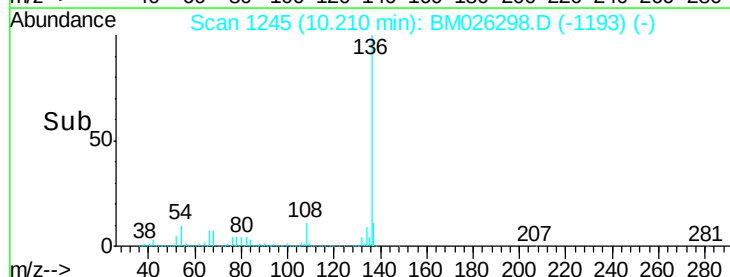
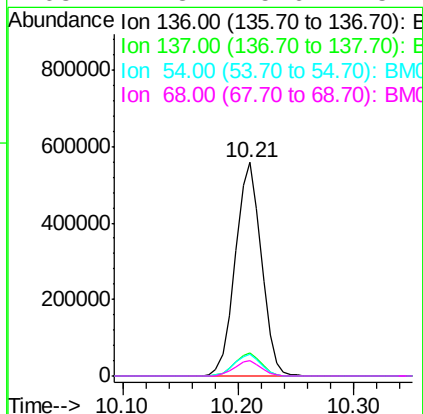
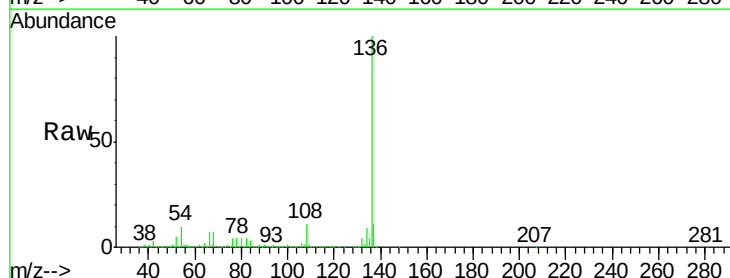
Delta R.T. 0.01 min

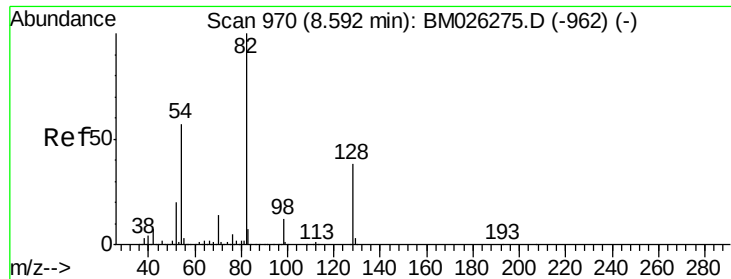
Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Tgt Ion: 136 Resp: 869969

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	10.0	9.0	13.4
68	7.3	5.6	8.4



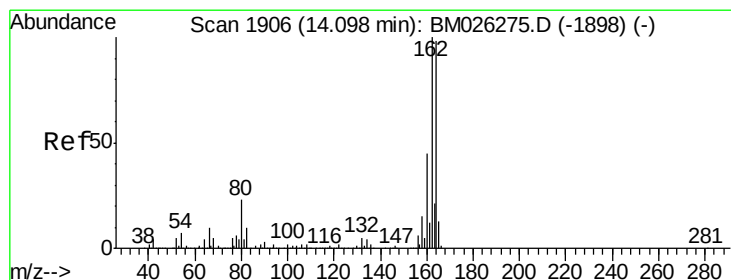
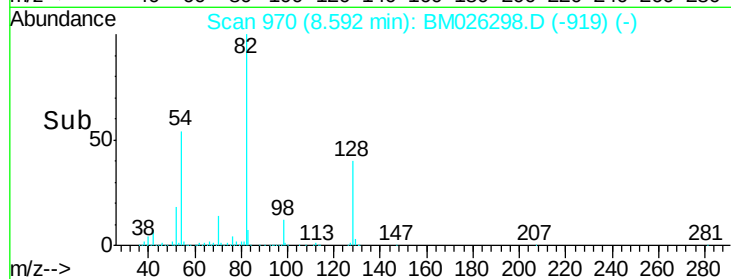
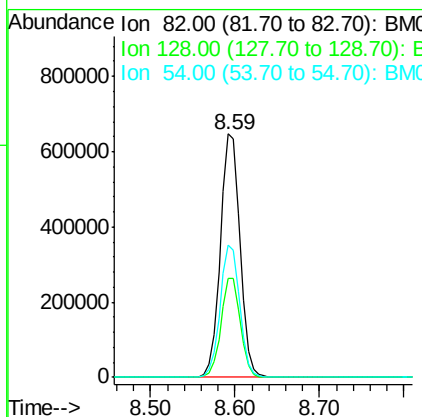
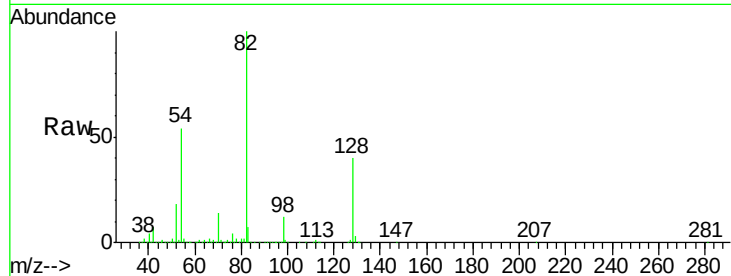


#23
 Nitrobenzene-d5
 Concen: 59.233 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM026298.D
 Acq: 08 Jun 2020 21:58

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-060520

Tot Ion: 82 Resp: 1049505

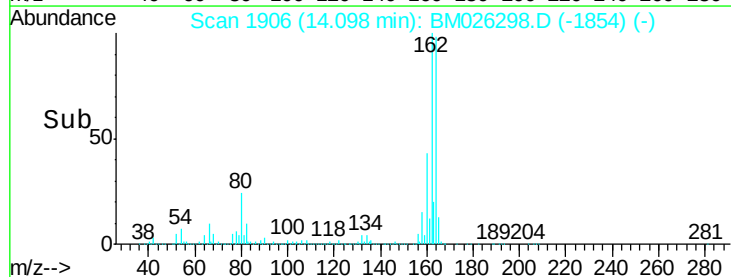
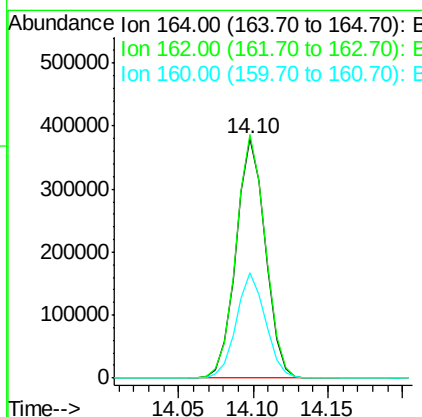
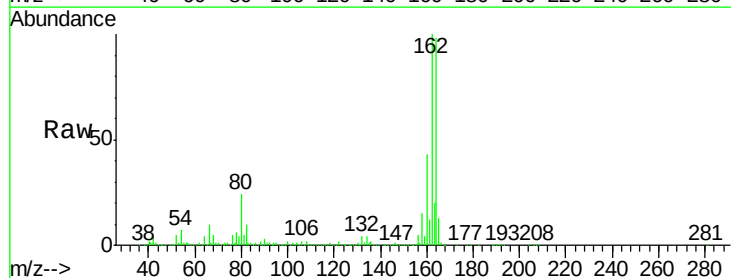
Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.3	45.5
54	54.1	45.4	68.2

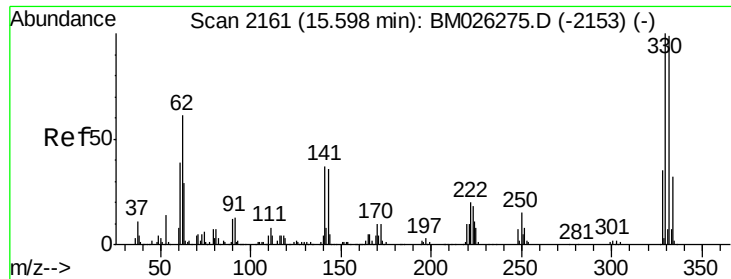


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BM026298.D
 Acq: 08 Jun 2020 21:58

Tgt Ion: 164 Resp: 519848

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.2
160	43.9	36.4	54.6

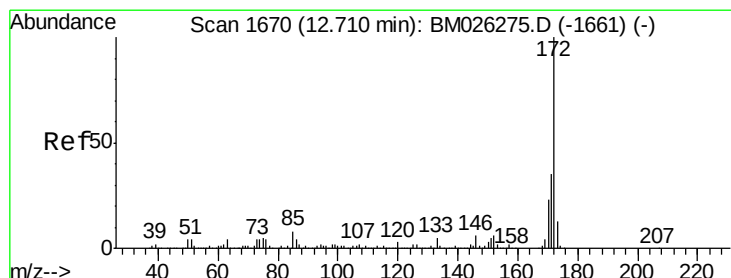
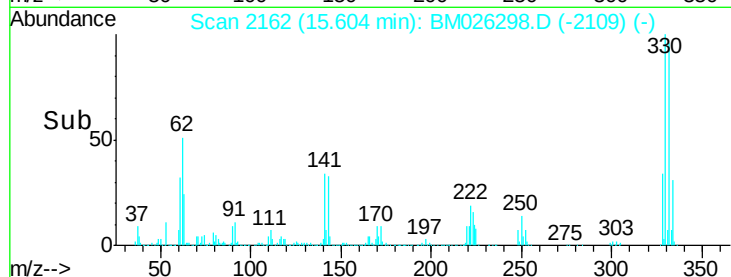
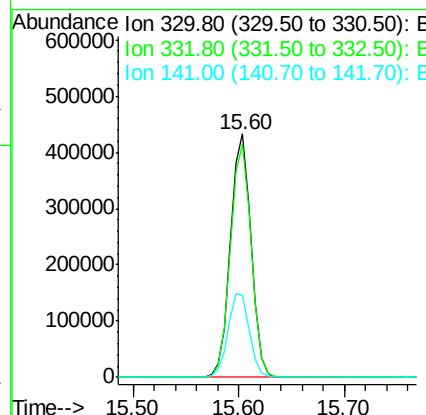
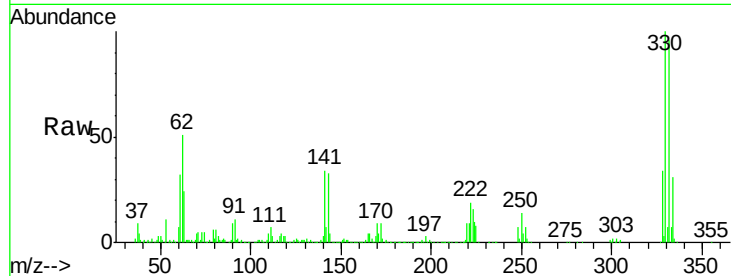




#42
 2,4,6-Tribromophenol
 Concen: 92.102 ng
 RT: 15.60 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BM026298.D
 Acq: 08 Jun 2020 21:58

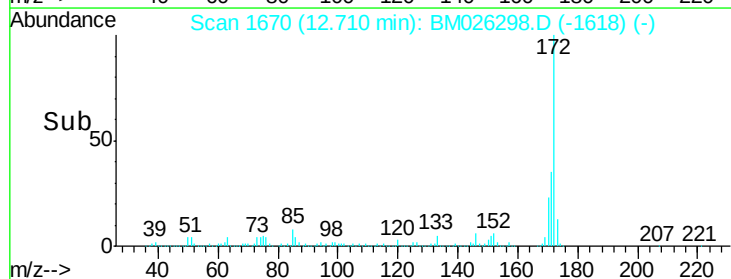
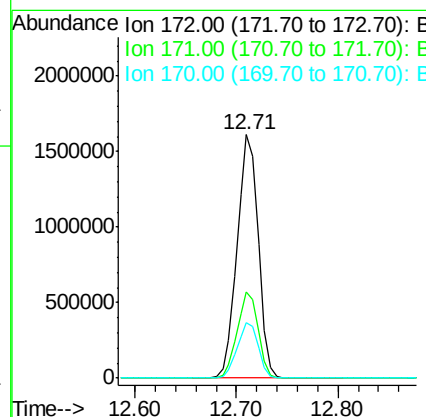
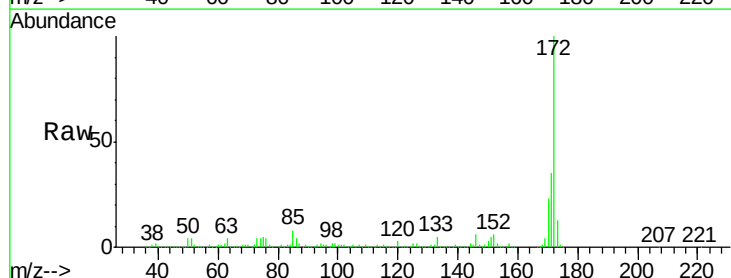
Instrument :
 BNA_M
 ClientSampleId :
 OK-01-060520

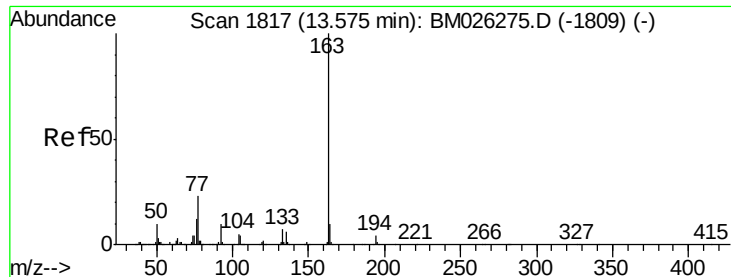
Tot Ion:330 Resp: 579982
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 35.6 30.0 45.0



#45
 2-Fluorobiphenyl
 Concen: 68.055 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BM026298.D
 Acq: 08 Jun 2020 21:58

Tgt Ion:172 Resp: 2330642
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.2
 170 22.9 18.3 27.5





#50

Dimethylphthalate

Concen: 5.068 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

BNA_M

ClientSampleId :

OK-01-060520

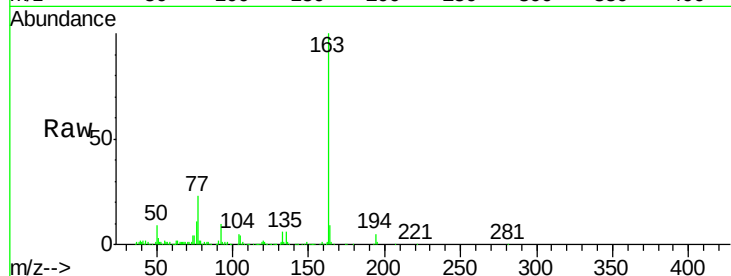
Tot Ion:163 Resp: 192686

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

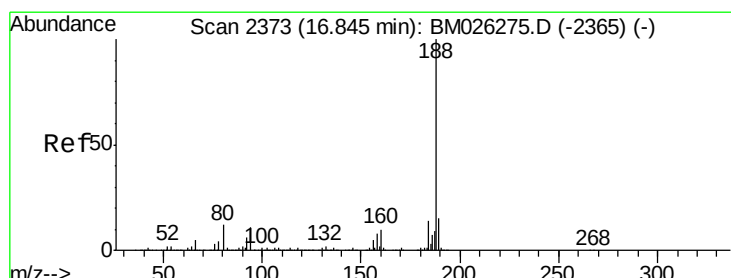
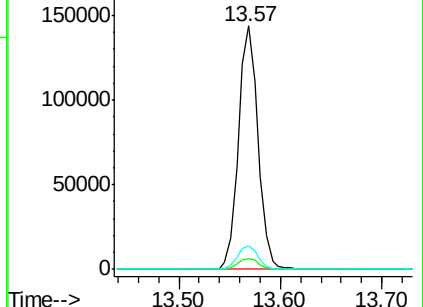
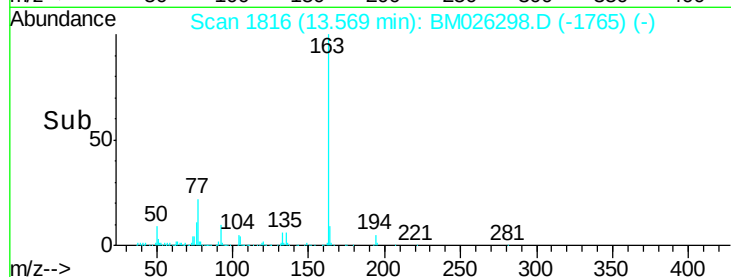
164 9.4 8.0 12.0



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: 16.85 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

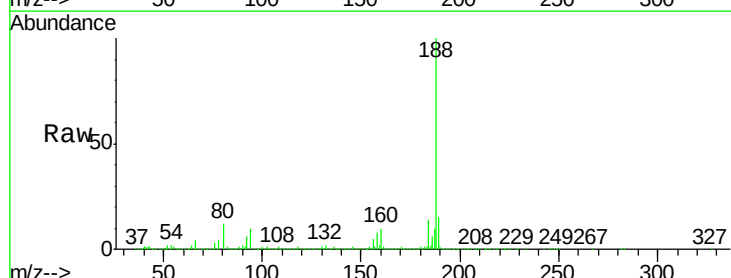
Tgt Ion:188 Resp: 976086

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

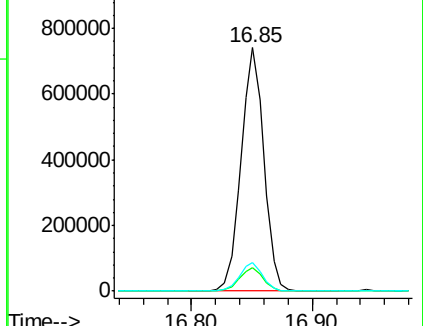
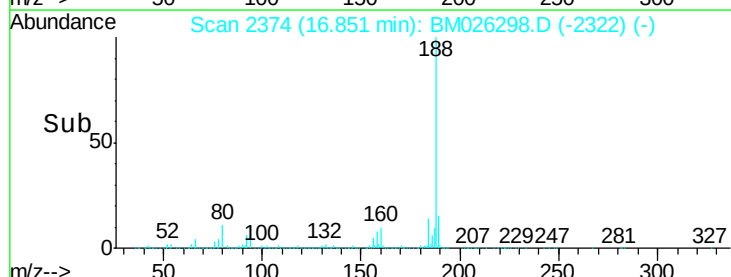
80 11.5 9.7 14.5

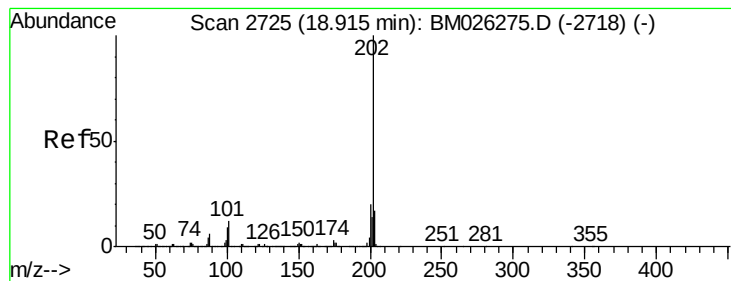


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.239 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

BNA_M

ClientSampleId :

OK-01-060520

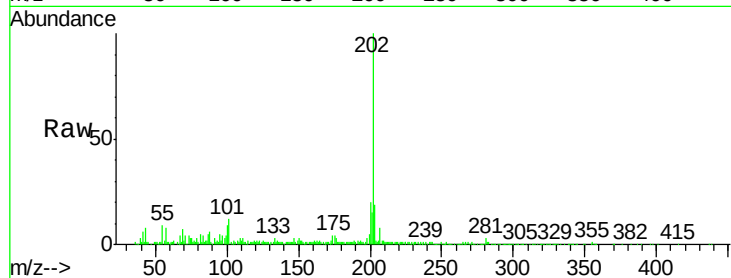
Tot Ion:202 Resp: 130501

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.6

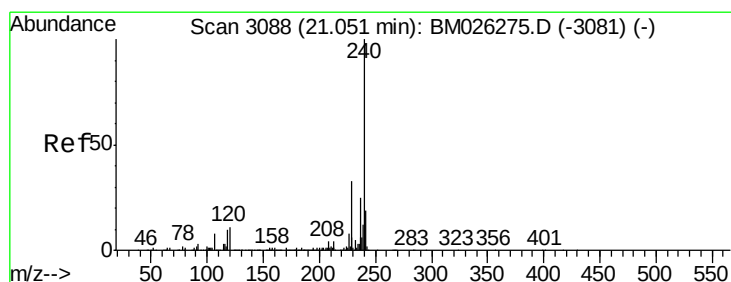
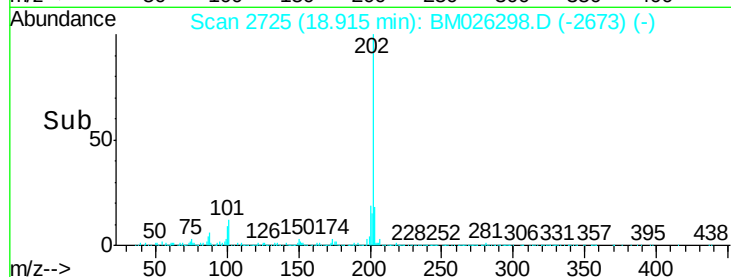
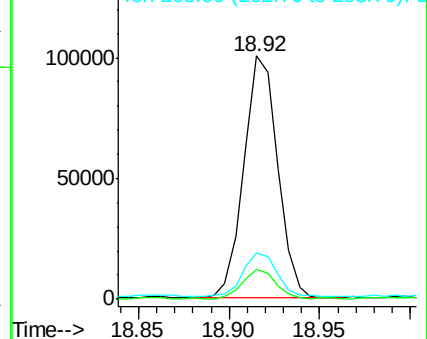
203 19.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

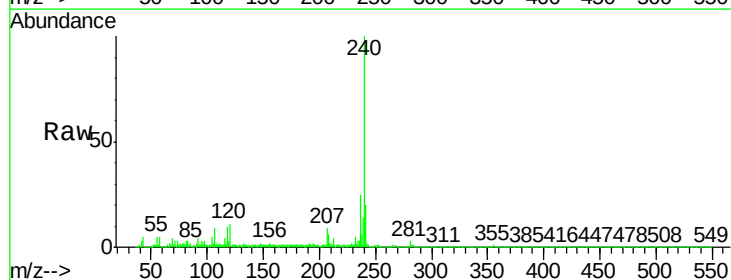
Tgt Ion:240 Resp: 739811

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

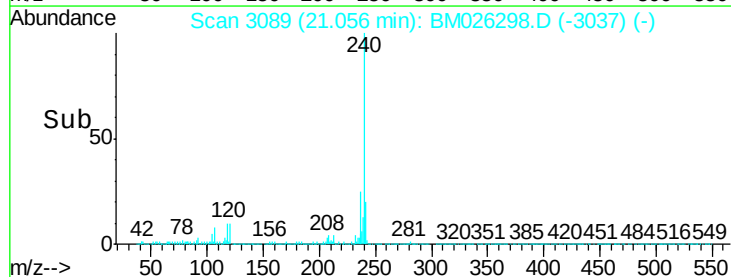
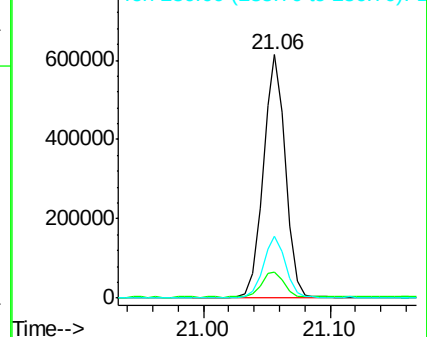
236 25.4 19.7 29.5

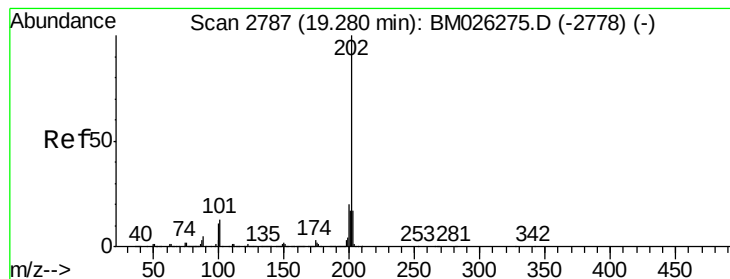


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.527 ng

RT: 19.28 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

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OK-01-060520

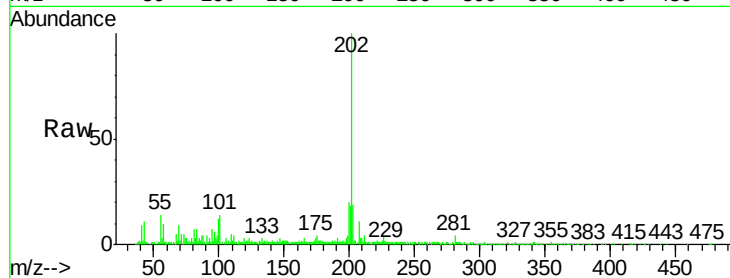
Tot Ion:202 Resp: 123531

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

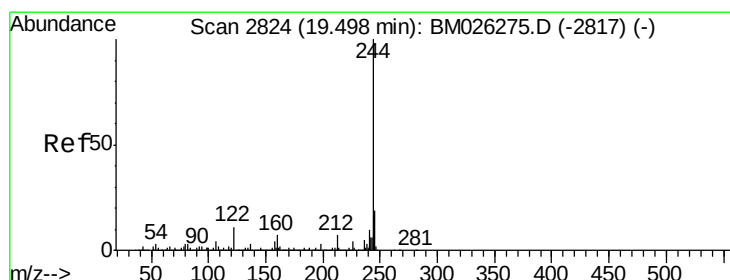
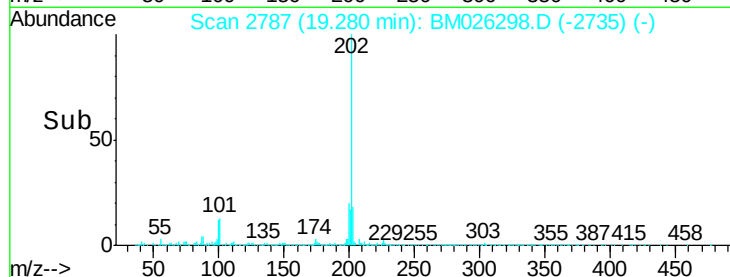
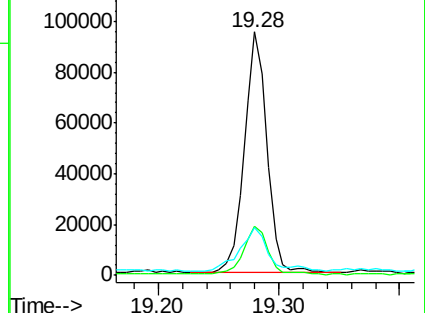
203 19.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 70.699 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

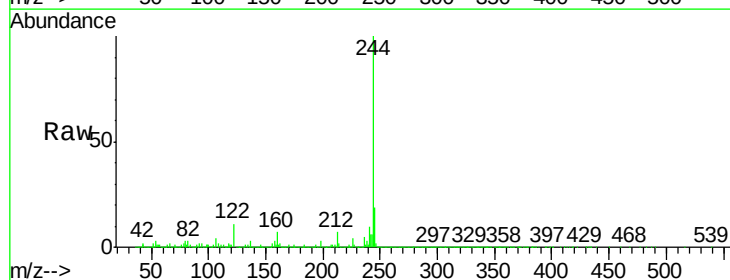
Tgt Ion:244 Resp: 2694445

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

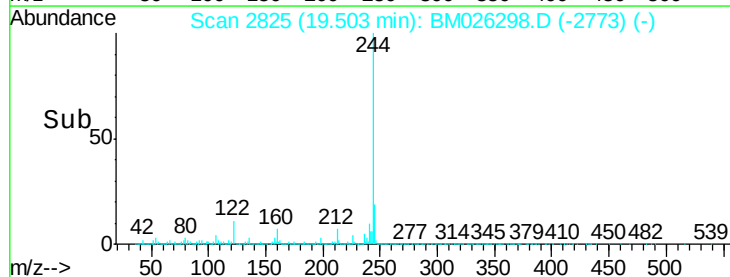
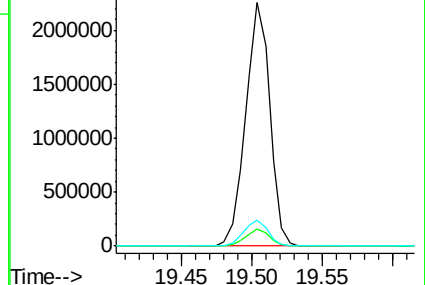
122 10.8 9.1 13.7

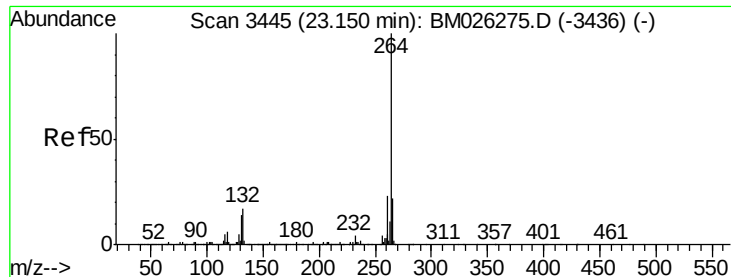


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.17 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-060520

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	23.1	18.2	27.2

