

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
 Data File : BM026314.D
 Acq On : 09 Jun 2020 22:59
 Operator : JU/CG
 Sample : L2961-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-3

Quant Time: Jun 10 00:25:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

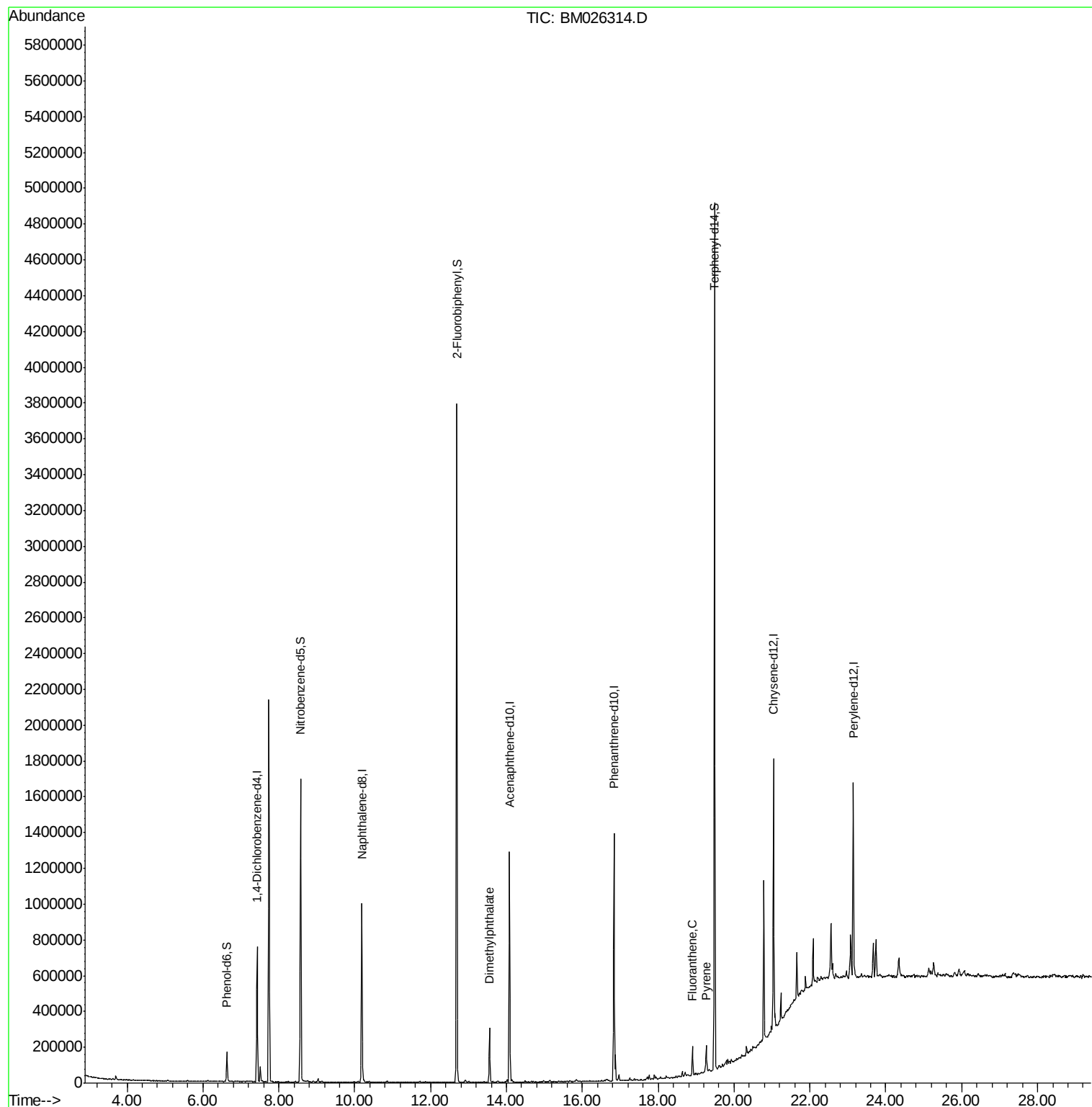
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	181609	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	738494	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	410782	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	746359	20.00	ng	0.00
76) Chrysene-d12	21.04	240	648616	20.00	ng	0.00
86) Perylene-d12	23.14	264	688133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	2215	0.22	ng	0.00
7) Phenol-d6	6.63	99	87025	5.85	ng	0.00
23) Nitrobenzene-d5	8.57	82	926233	61.58	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1820154	67.26	ng	0.00
79) Terphenyl-d14	19.49	244	2127788	63.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.55	163	184439	6.139	ng	99
75) Fluoranthene	18.90	202	92582	2.078	ng	96
78) Pyrene	19.26	202	88863	2.074	ng	98

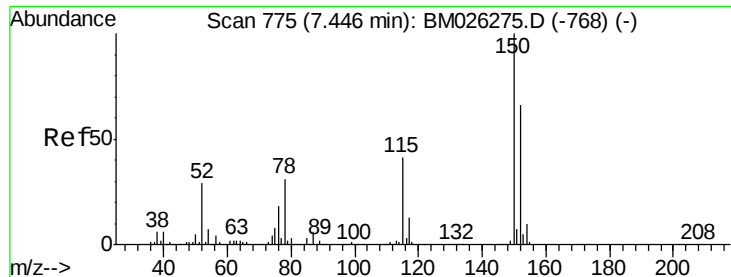
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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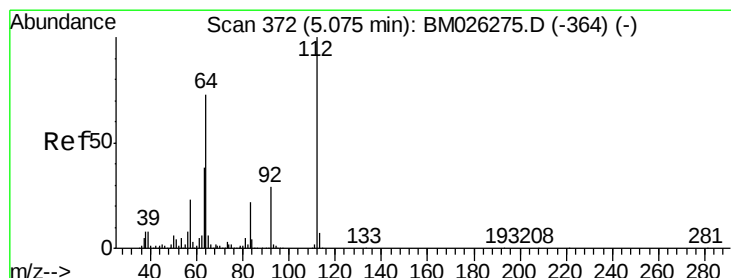
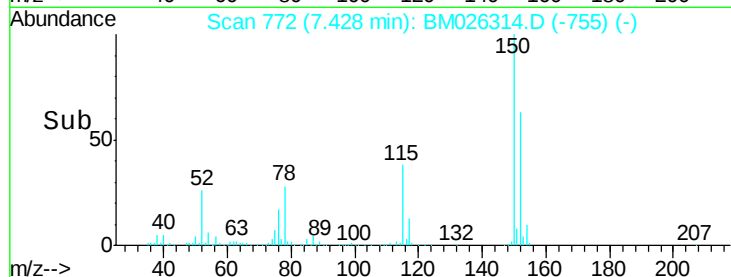
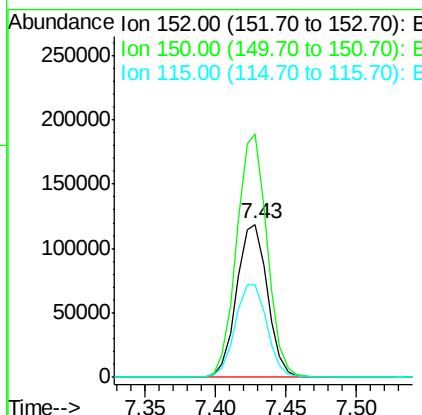
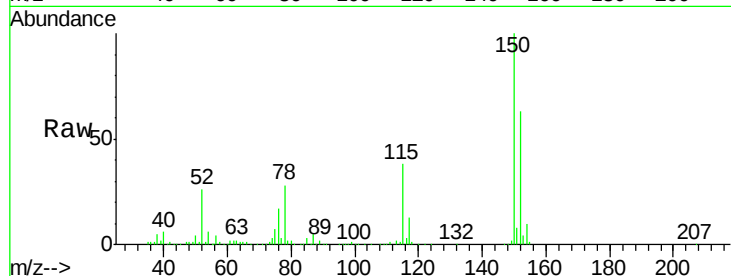


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. 0.00 min
Lab File: BM026314.D
Acq: 09 Jun 2020 22:59

Instrument :
BNA_M
ClientSampleId :
FM-CON-3

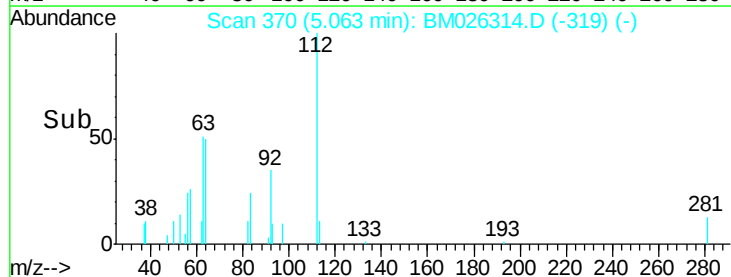
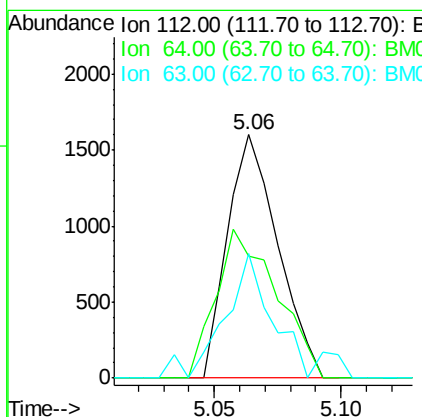
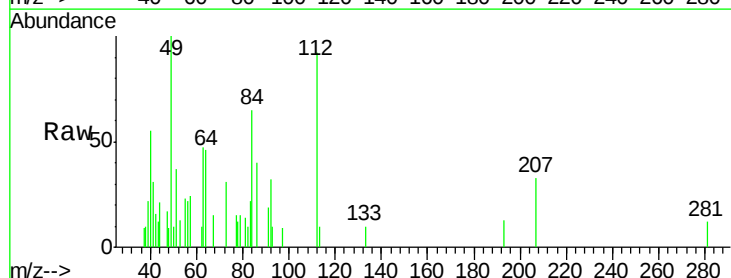
Tot Ion	152	Resp	181609
Ion Ratio	Lower	Upper	
152	100		
150	159.1	122.1	183.1
115	60.6	49.7	74.5



#5

2-Fluorophenol
Concen: 0.216 ng
RT: 5.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM026314.D
Acq: 09 Jun 2020 22:59

Tgt Ion	112	Resp	2215
Ion Ratio	Lower	Upper	
112	100		
64	50.1	58.1	87.1#
63	51.4	30.6	45.8#





#7

Phenol-d6

Concen: 5.851 ng

RT: 6.63 min Scan# 637

Delta R.T. 0.00 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

Instrument :

BNA_M

ClientSampleId :

FM-CON-3

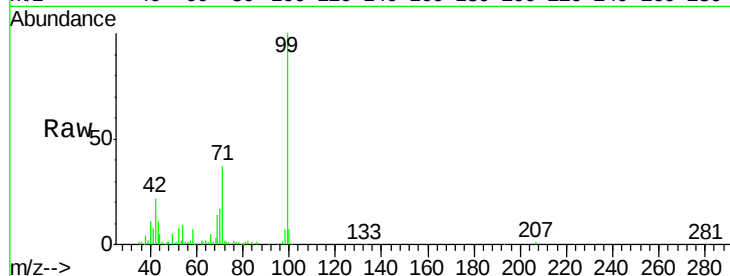
Tot Ion: 99 Resp: 87025

Ion Ratio Lower Upper

99 100

42 22.1 18.0 27.0

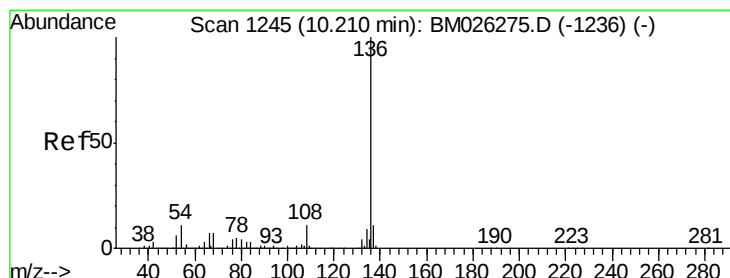
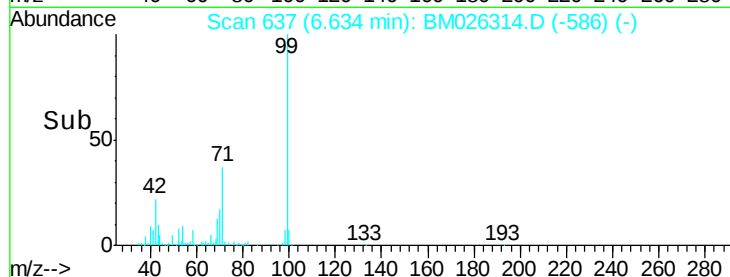
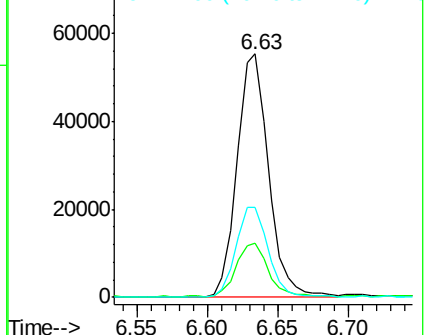
71 36.8 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026314.D (-586) (-)

Ion 42.00 (41.70 to 42.70): BM026314.D (-586) (-)

Ion 71.00 (70.70 to 71.70): BM026314.D (-586) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

Tgt Ion: 136 Resp: 738494

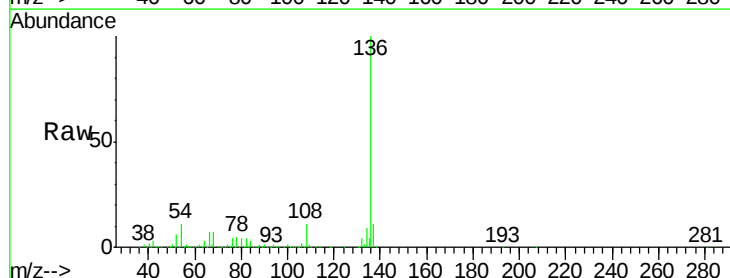
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 11.1 9.0 13.4

68 6.8 5.6 8.4

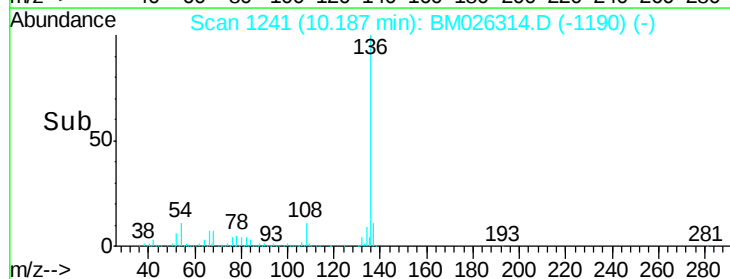
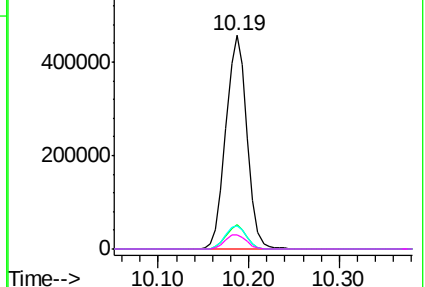


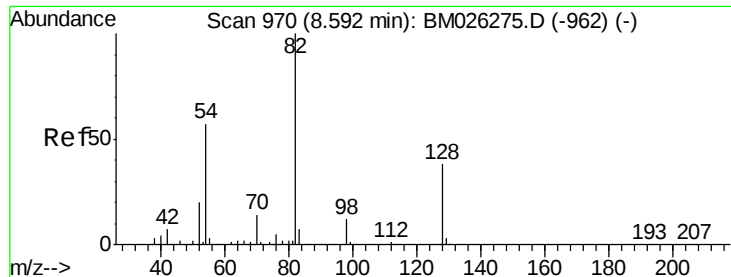
Abundance Ion 136.00 (135.70 to 136.70): BM026314.D (-1190) (-)

Ion 137.00 (136.70 to 137.70): BM026314.D (-1190) (-)

Ion 54.00 (53.70 to 54.70): BM026314.D (-1190) (-)

Ion 68.00 (67.70 to 68.70): BM026314.D (-1190) (-)

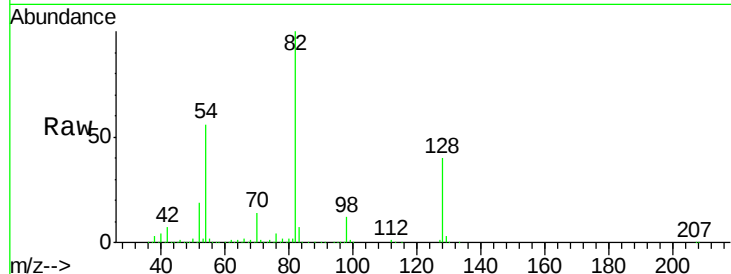




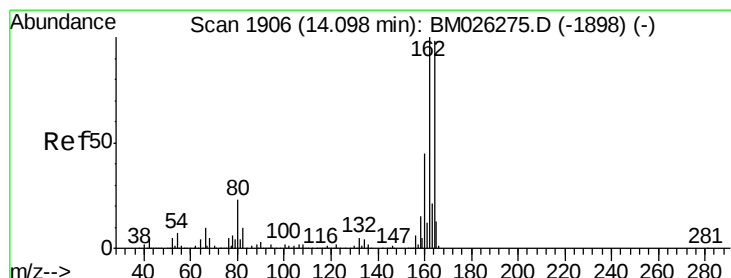
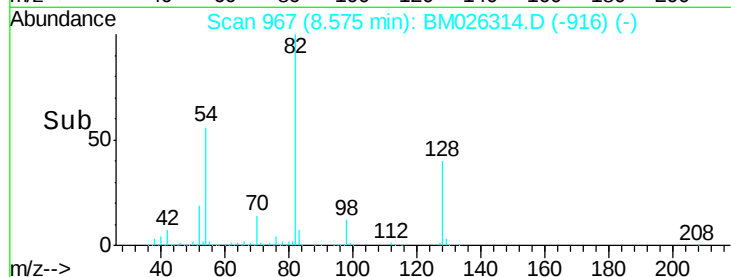
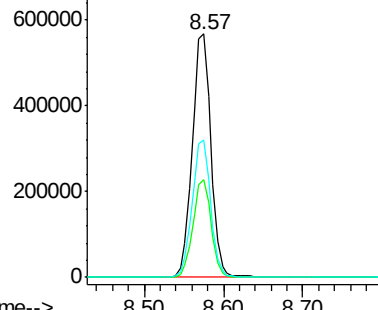
#23
Nitrobenzene-d5
Concen: 61.582 ng
RT: 8.57 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM026314.D
Acq: 09 Jun 2020 22:59

Instrument :
BNA_M
ClientSampled :
FM-CON-3

Tot Ion	82	Resp	926233
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.3	45.5
54	56.2	45.4	68.2

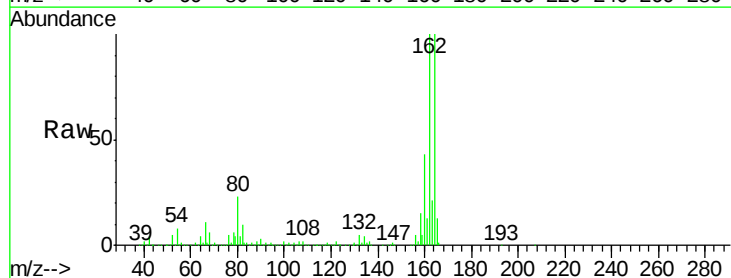


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

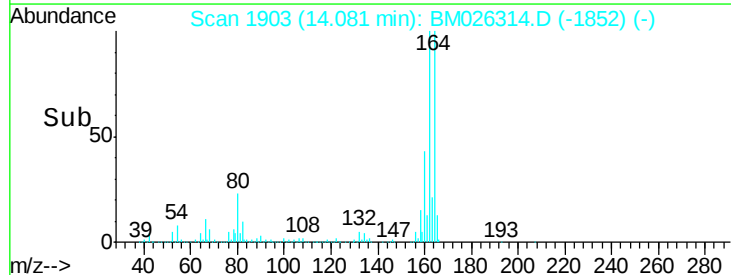
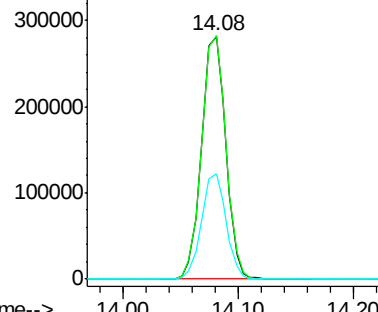


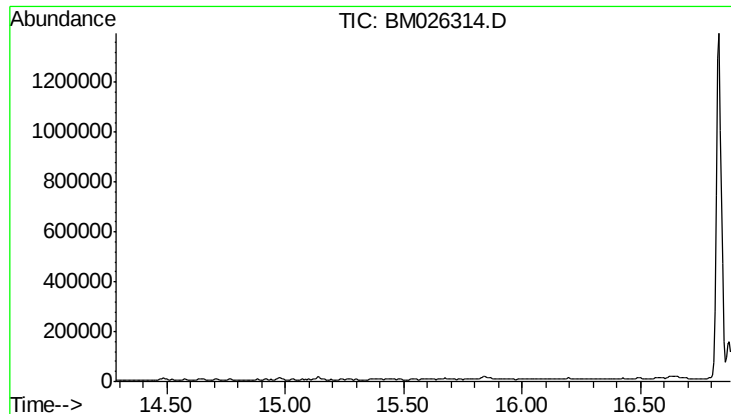
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BM026314.D
Acq: 09 Jun 2020 22:59

Tgt Ion	164	Resp	410782
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.4	122.2
160	43.6	36.4	54.6



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

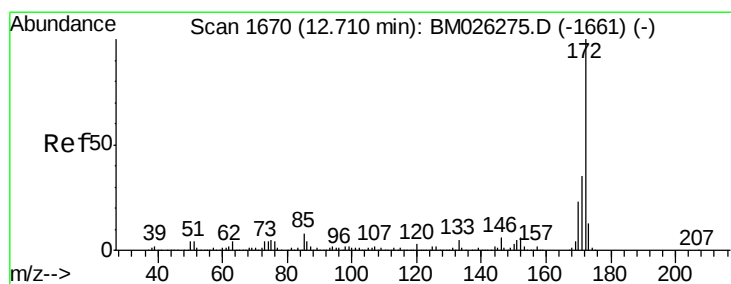
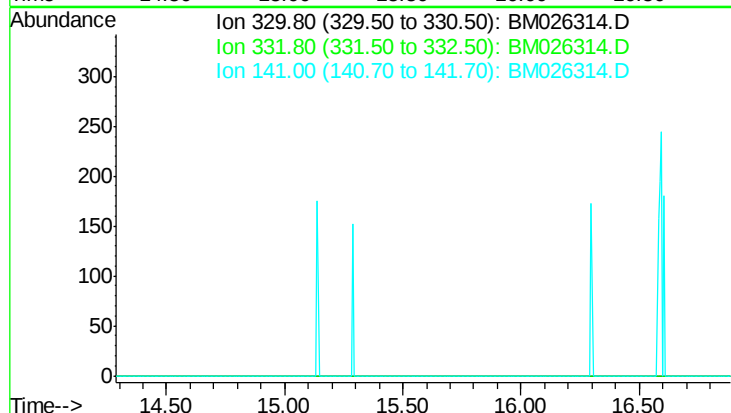




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.59 min
 Lab File: BM026314.D
 Acq: 09 Jun 2020 22:59

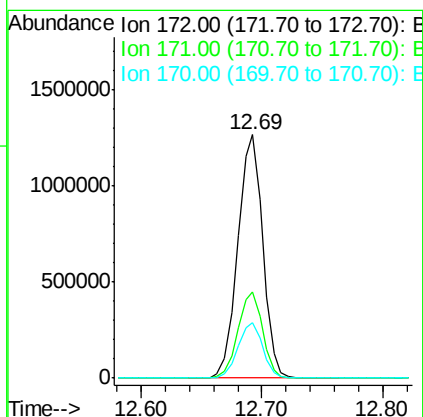
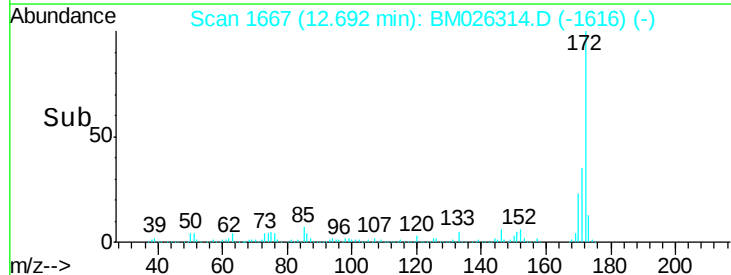
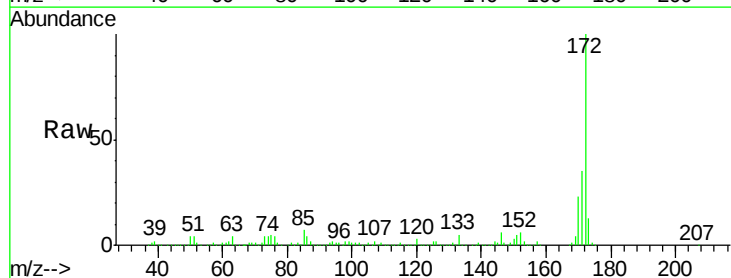
Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-3

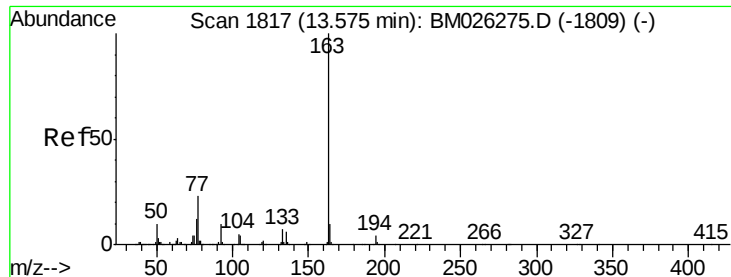
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.6
 141 37.5



#45
 2-Fluorobiphenyl
 Concen: 67.260 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BM026314.D
 Acq: 09 Jun 2020 22:59

Tgt Ion: 172 Resp: 1820154
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 23.0 18.3 27.5





#50

Dimethylphthalate

Concen: 6.139 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

Instrument :

BNA_M

ClientSampleId :

FM-CON-3

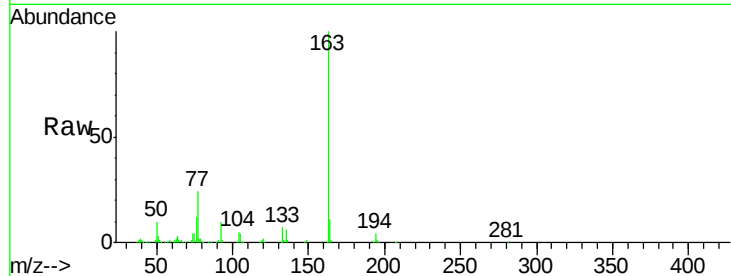
Tot Ion:163 Resp: 184439

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

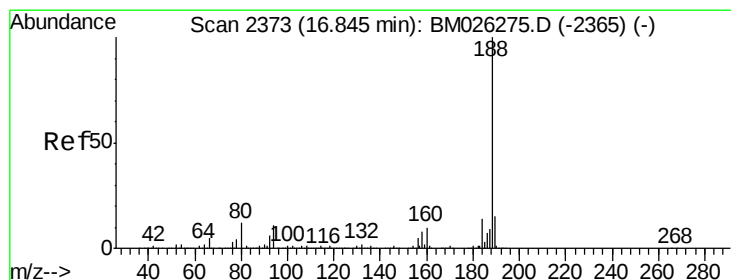
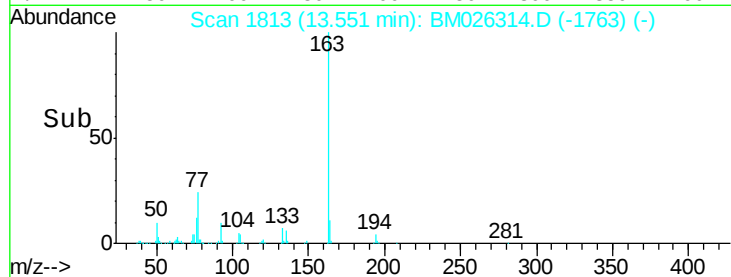
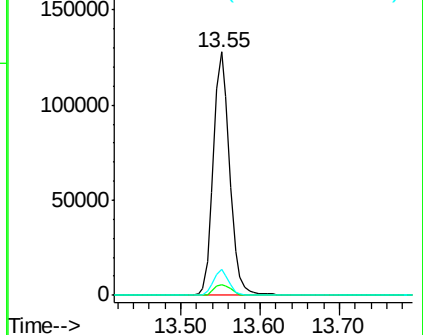
164 10.6 8.0 12.0



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: 16.83 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

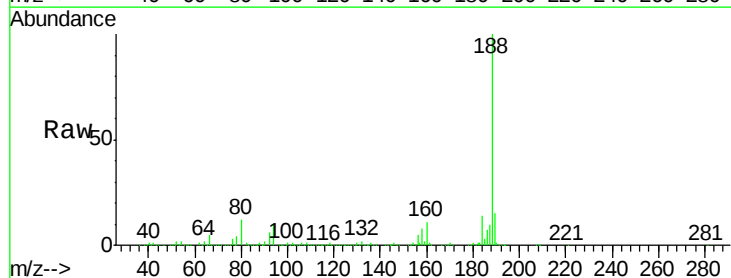
Tgt Ion:188 Resp: 746359

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

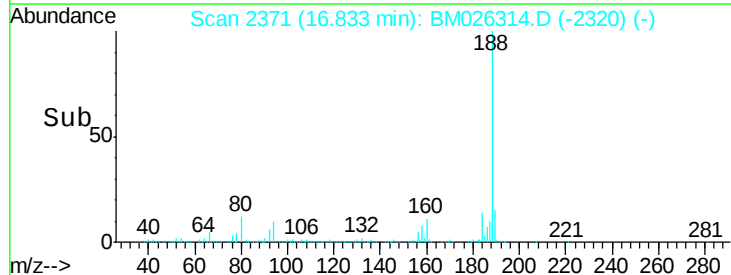
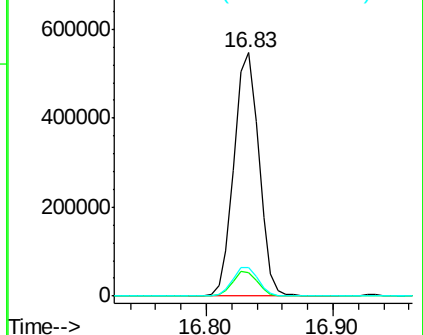
80 11.8 9.7 14.5

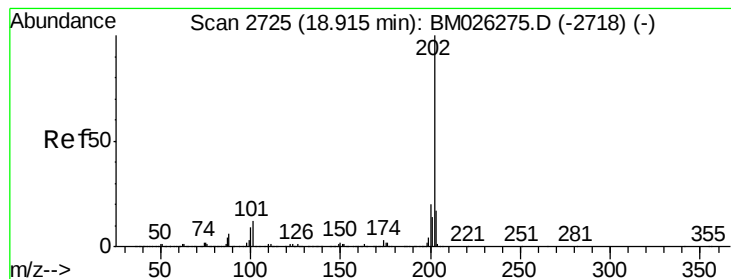


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.078 ng

RT: 18.90 min Scan# 2723

Delta R.T. 0.00 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

Instrument :

BNA_M

ClientSampleId :

FM-CON-3

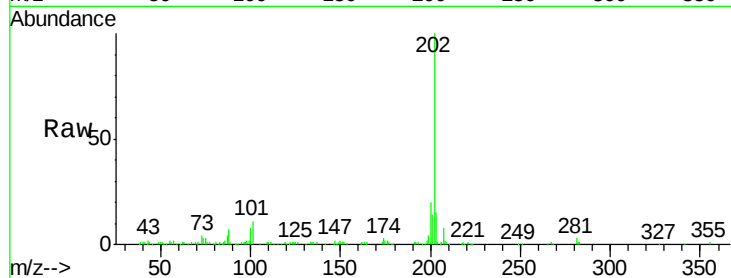
Tot Ion:202 Resp: 92582

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.6

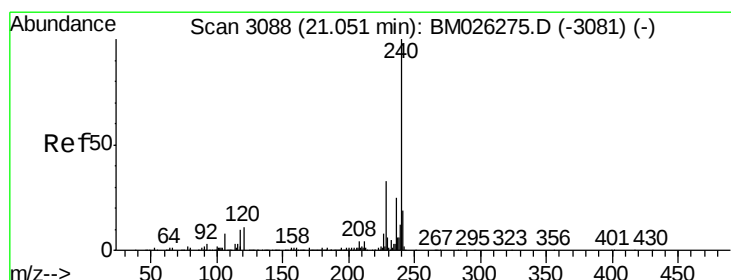
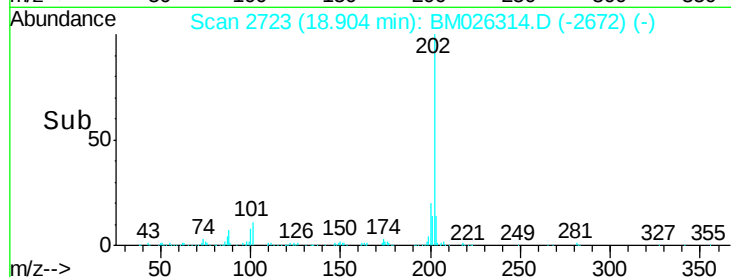
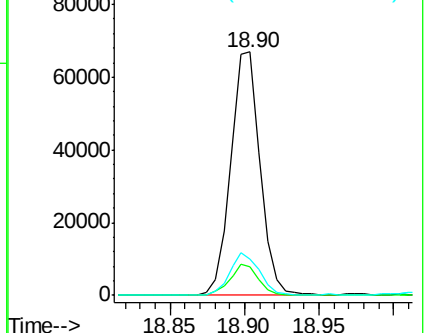
203 14.7 0.0 37.4



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: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

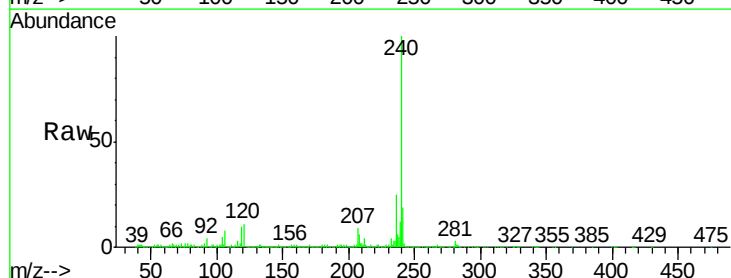
Tgt Ion:240 Resp: 648616

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

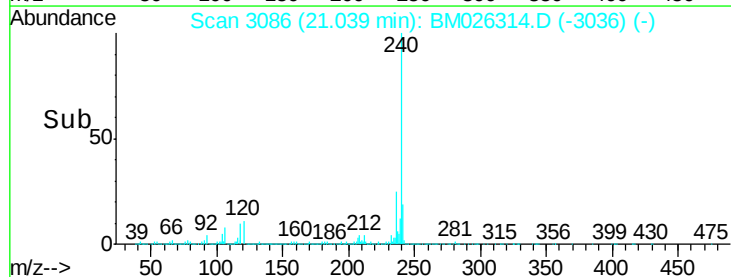
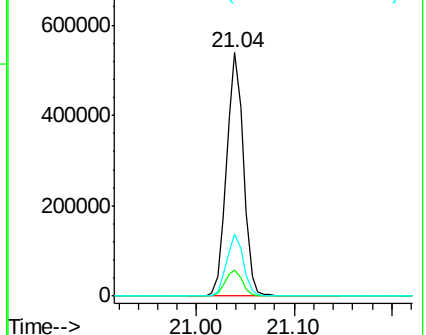
236 25.2 19.7 29.5

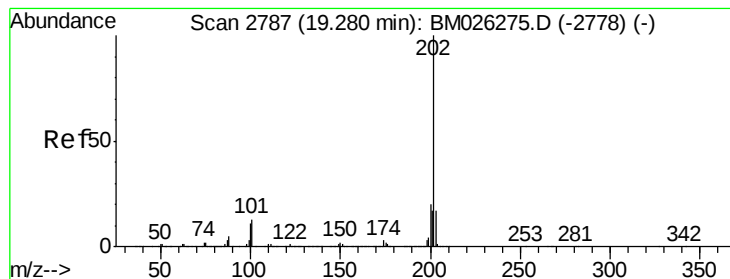


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.074 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

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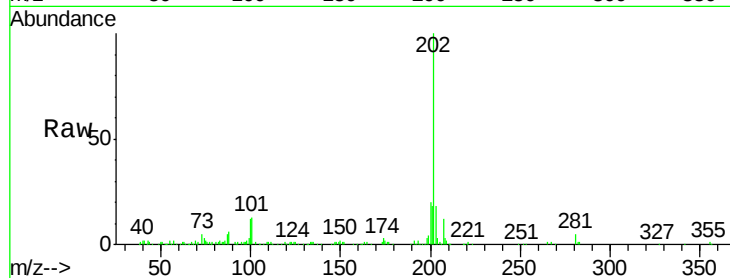
Tot Ion:202 Resp: 88863

Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.4

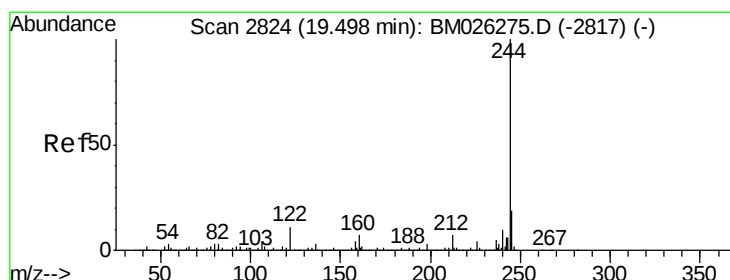
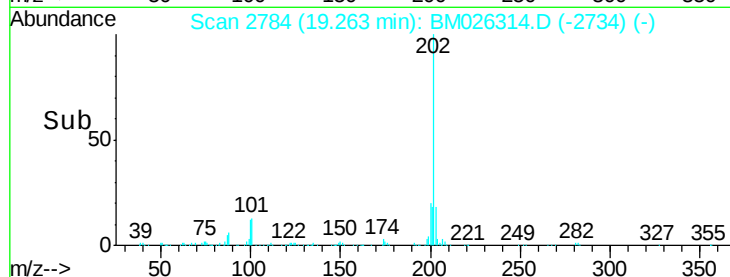
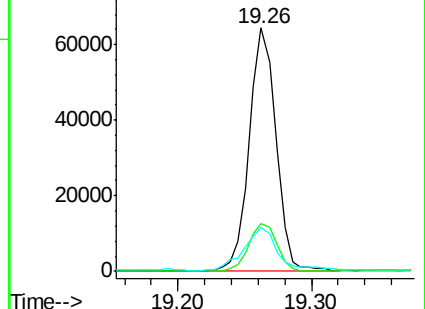
203 18.2 13.8 20.8



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: 63.680 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

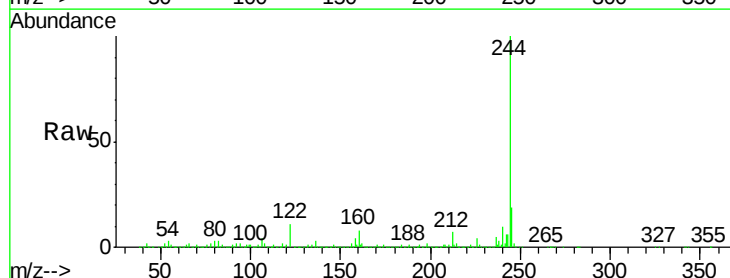
Tgt Ion:244 Resp: 2127788

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

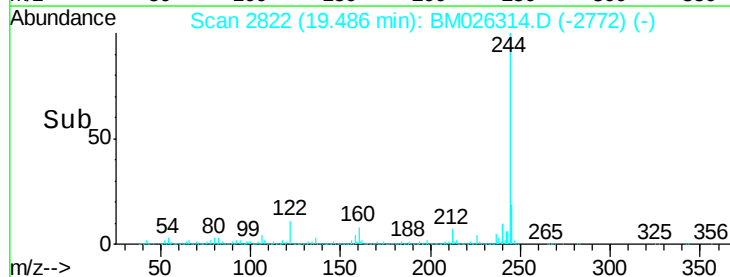
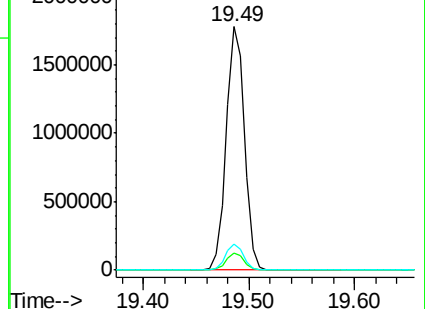
122 10.7 9.1 13.7

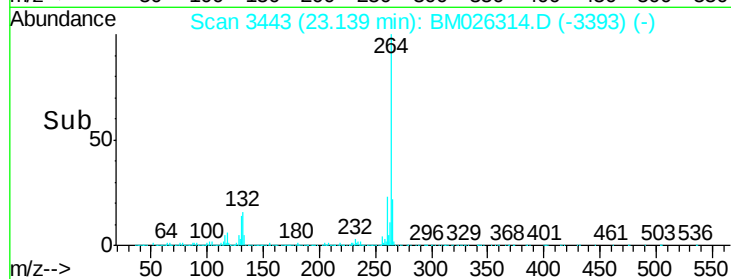
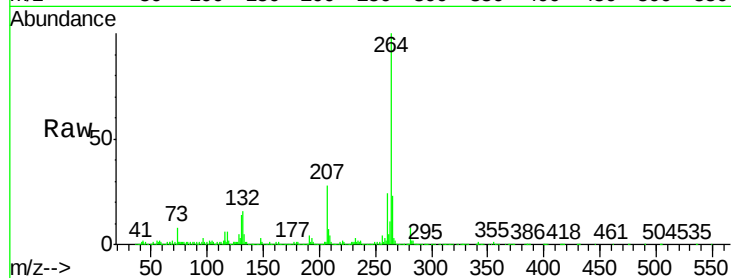
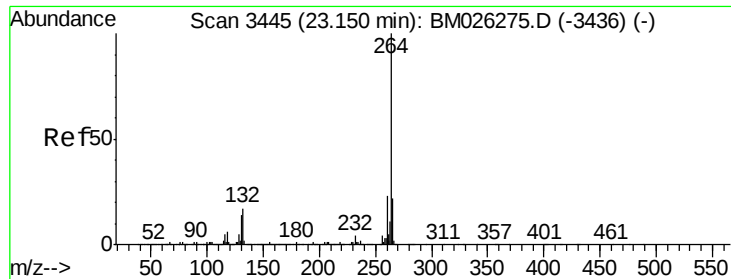


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.14 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM026314.D

Acq: 09 Jun 2020 22:59

Instrument :

BNA_M

ClientSampleId :

FM-CON-3

Tot Ion:264 Resp: 688133

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.7 18.2 27.2

