

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017906.D
 Acq On : 04 Dec 2018 17:22
 Operator : JU/SJ
 Sample : J6074-07 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 04 17:56:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 16:11:55 2018
 Response via : Initial Calibration

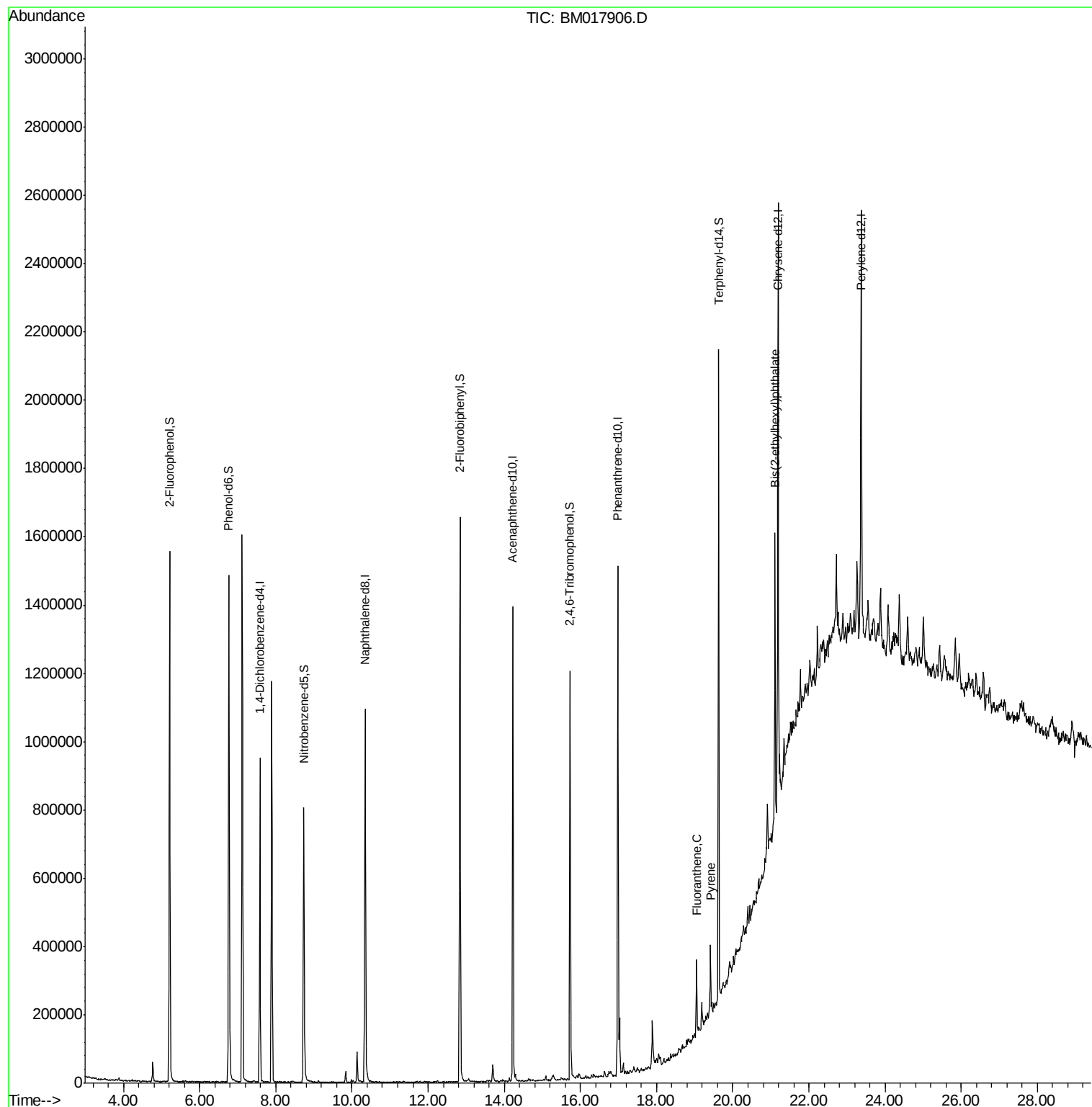
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	258605	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	975983	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	470698	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	881983	20.00	ng	0.00
76) Chrysene-d12	21.19	240	830868	20.00	ng	0.00
87) Perylene-d12	23.37	264	922797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	670575	43.76	ng	0.00
7) Phenol-d6	6.77	99	870749	40.69	ng	0.00
23) Nitrobenzene-d5	8.73	82	502228	26.57	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	245818	36.35	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	935419	25.78	ng	0.00
79) Terphenyl-d14	19.63	244	873915	23.84	ng	0.00
Target Compounds						
75) Fluoranthene	19.05	202	126503	2.336	ng	98
78) Pyrene	19.42	202	117002	2.282	ng	97
84) Bis(2-ethylhexyl)phthalate	21.11	149	294879	9.580	ng	# 97

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

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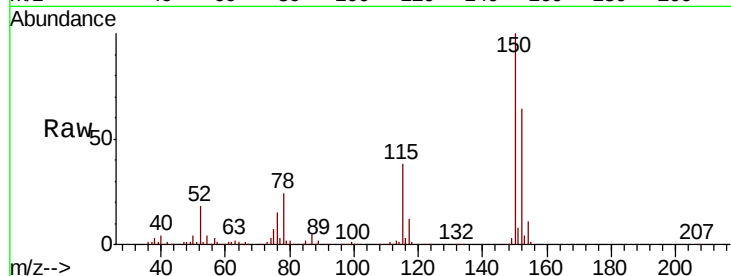


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.4	189.6
115	58.9	49.4	74.0

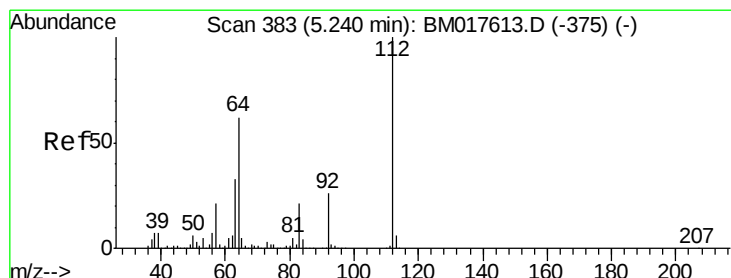
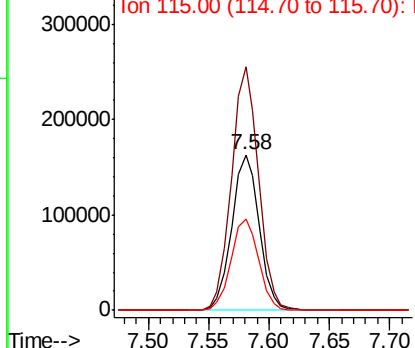
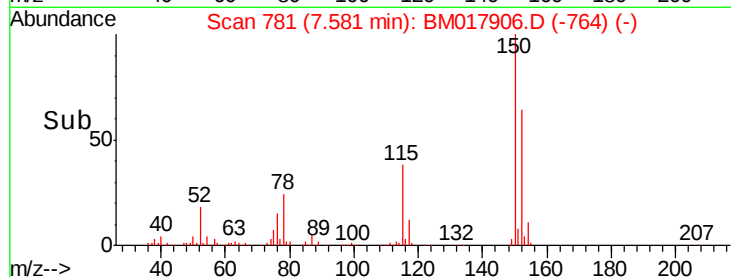


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

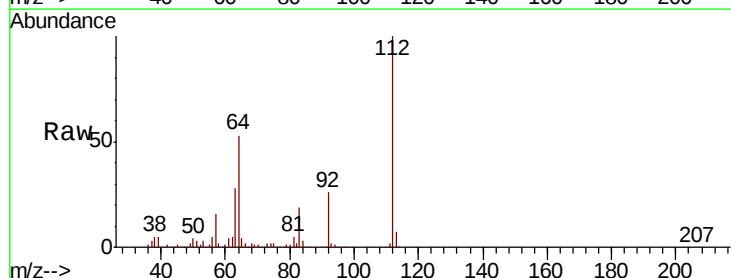
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.761 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	49.3	73.9
63	28.3	26.2	39.4

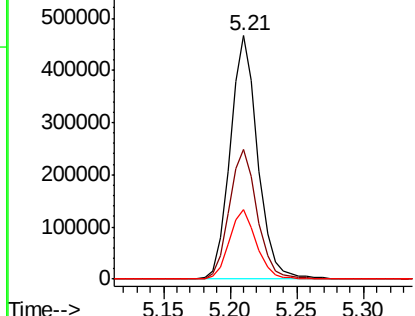
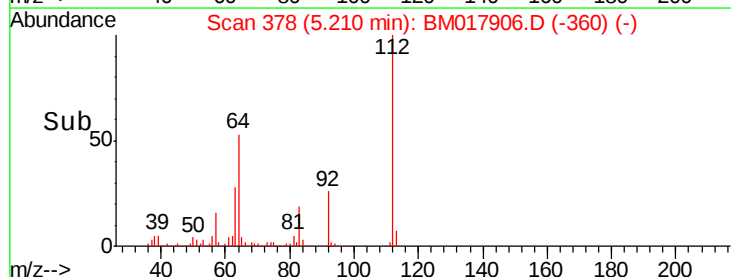


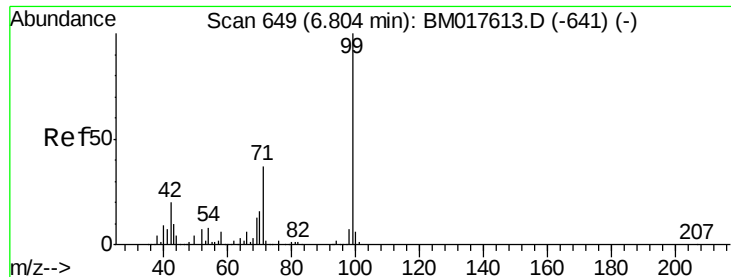
Abundance

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: 40.687 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

Instrument :

BNA_M

ClientSampleId :

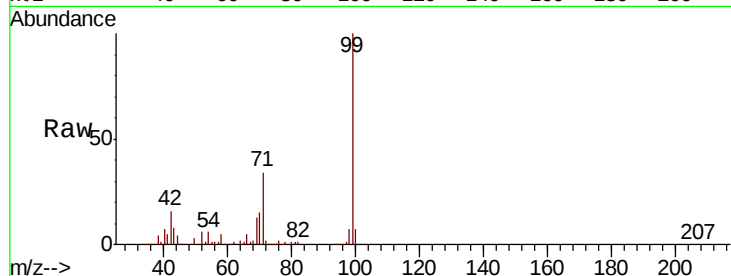
Tot Ion: 99 Resp: 870749

Ion Ratio Lower Upper

99 100

42 16.2 16.3 24.5#

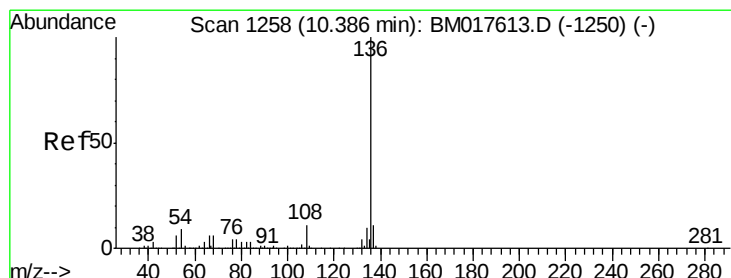
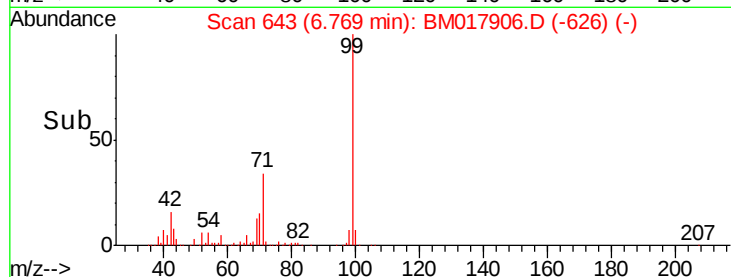
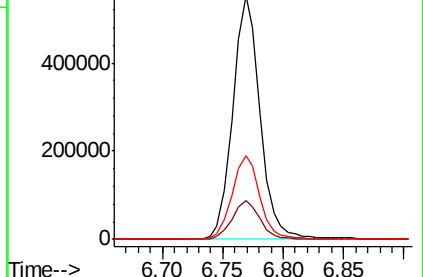
71 34.2 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

Tgt Ion: 136 Resp: 975983

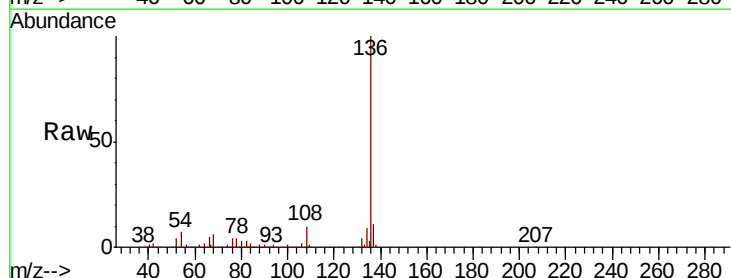
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.9 7.0 10.6#

68 5.9 4.9 7.3

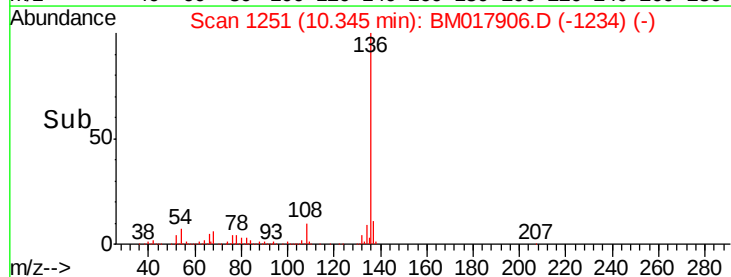
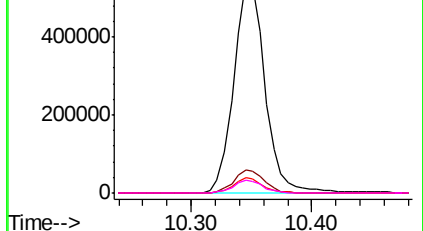


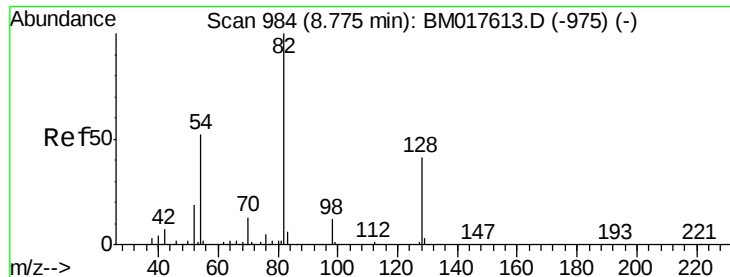
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

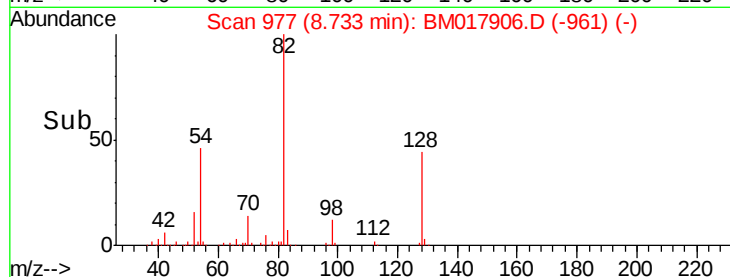
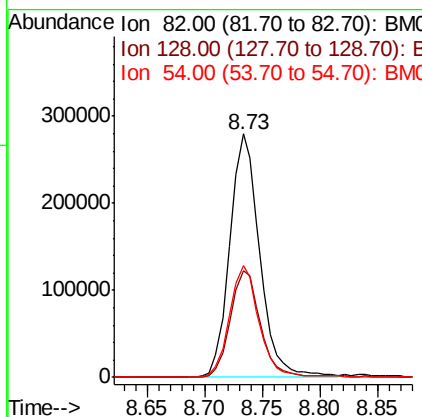
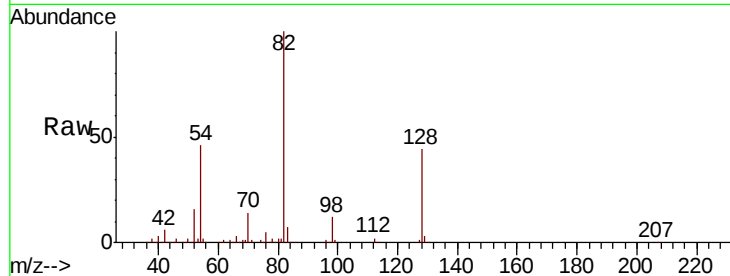




#23
Nitrobenzene-d5
Concen: 26.566 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

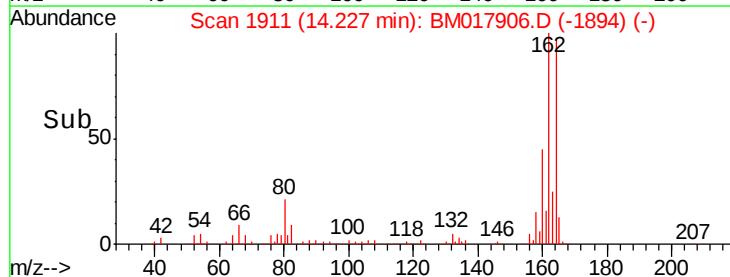
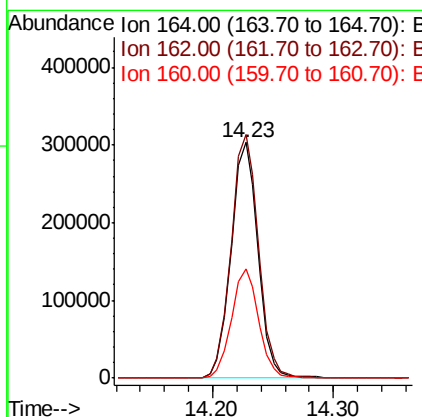
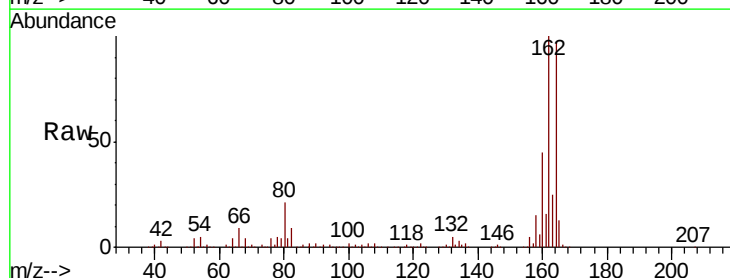
Instrument :
BNA_M
ClientSampleId :

Tot Ion	82	Resp	502228
Ion Ratio	Lower	Upper	
82	100		
128	43.8	33.0	49.4
54	46.0	41.4	62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

Tgt Ion	164	Resp	470698
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.4	122.0
160	46.5	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 36.346 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

Instrument :

BNA_M

ClientSampled :

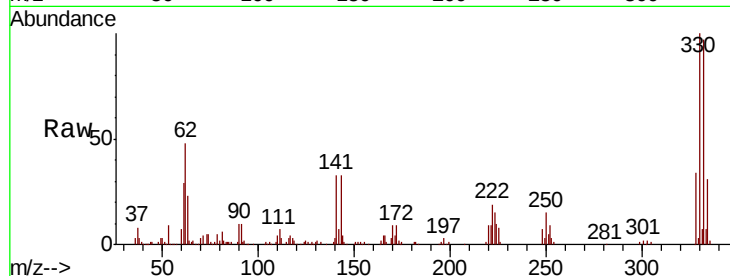
Tot Ion:330 Resp: 245818

Ion Ratio Lower Upper

330 100

332 96.6 77.9 116.9

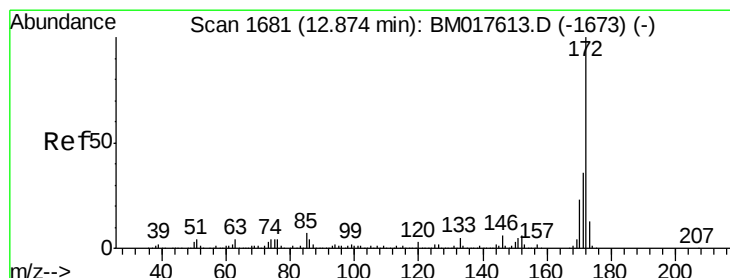
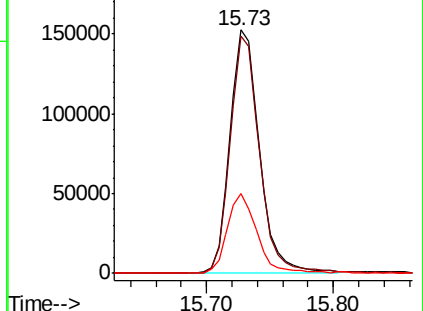
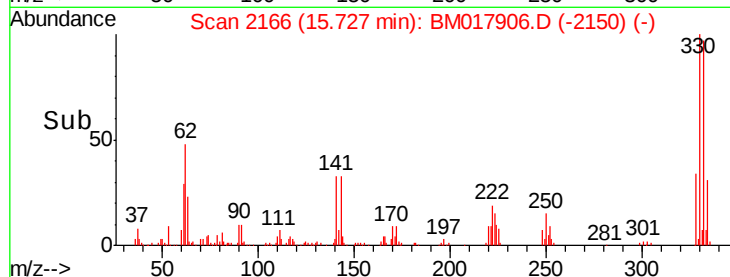
141 32.6 27.5 41.3



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: 25.782 ng

RT: 12.84 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

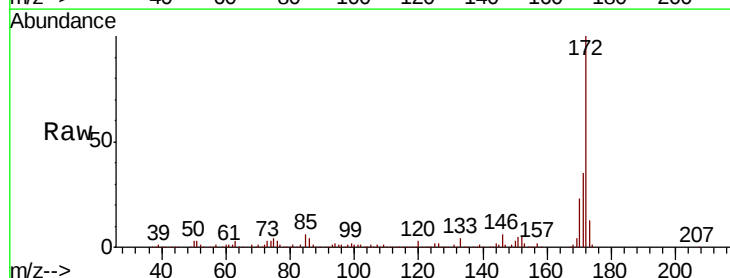
Tgt Ion:172 Resp: 935419

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

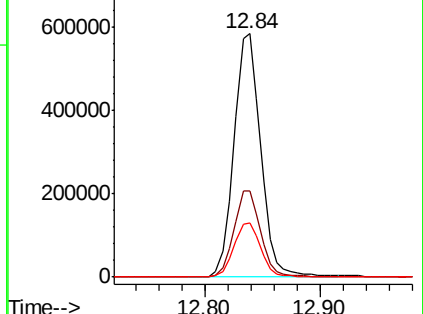
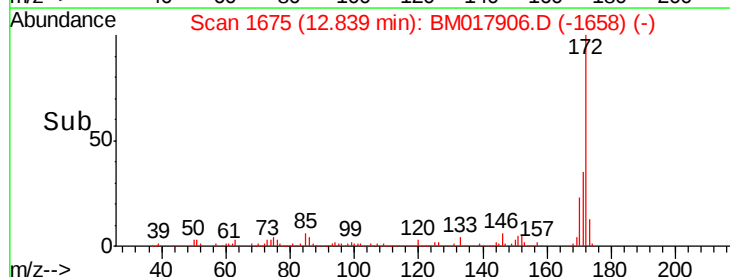
170 22.5 18.3 27.5

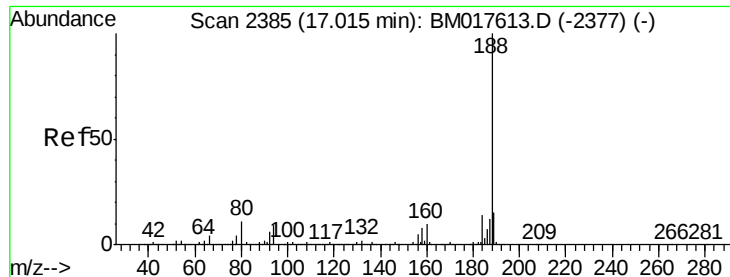


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

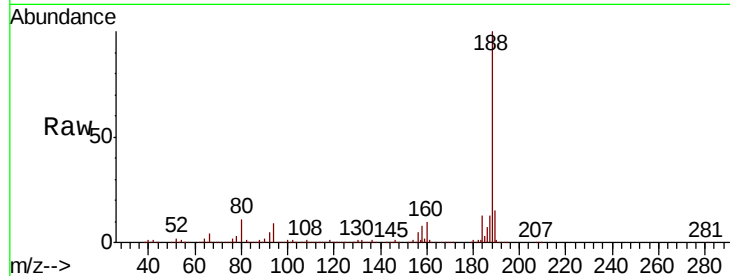




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.7	8.6	13.0

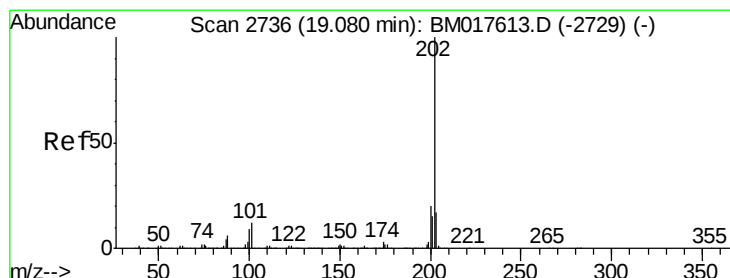
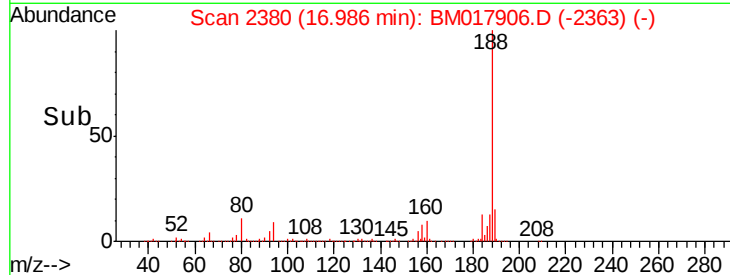
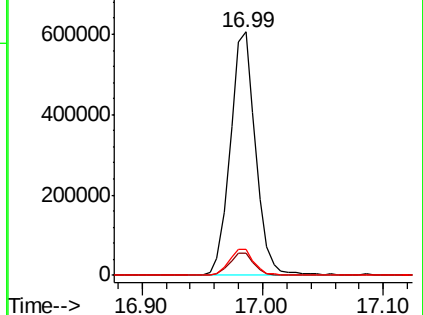


Abundance

Ion 188.00 (187.70 to 188.70): E

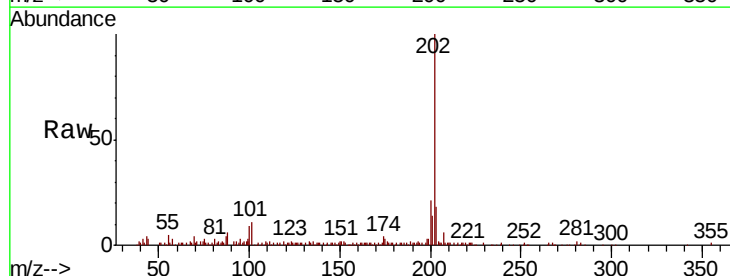
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75
Fluoranthene
Concen: 2.336 ng
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.5
203	18.3	0.0	37.2

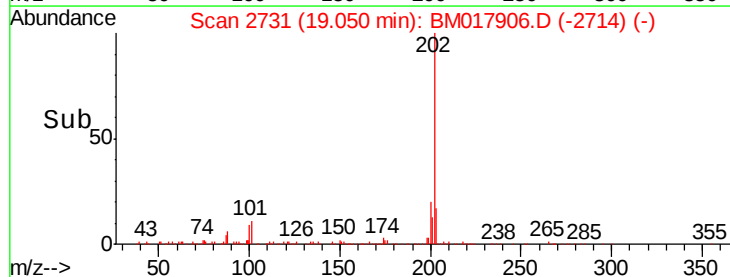
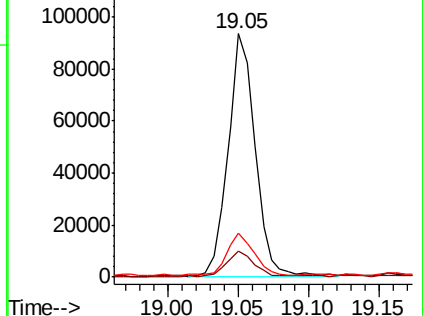


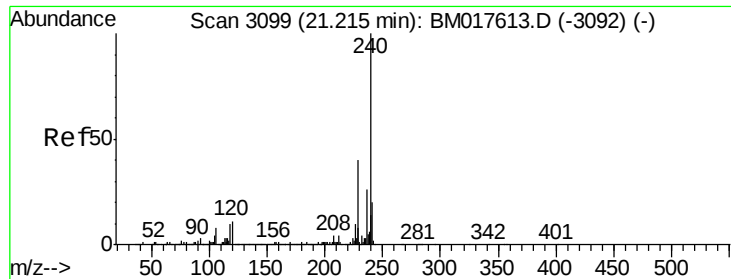
Abundance

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: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

Instrument :

BNA_M

ClientSampleId :

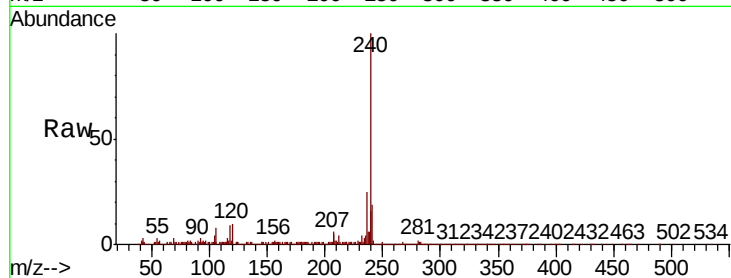
Tot Ion:240 Resp: 830868

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

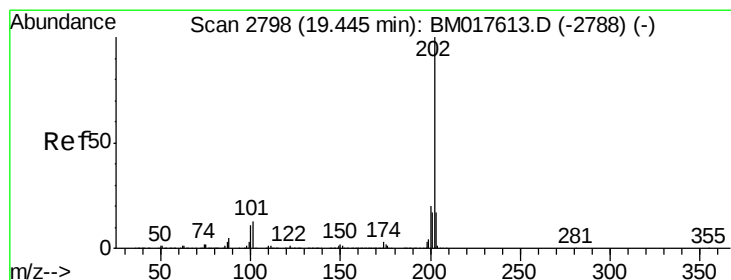
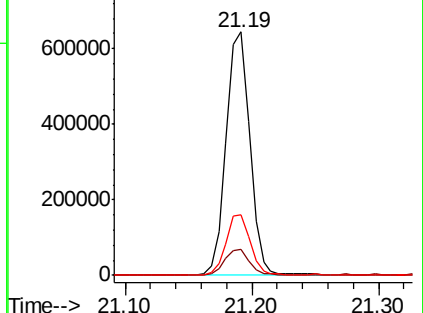
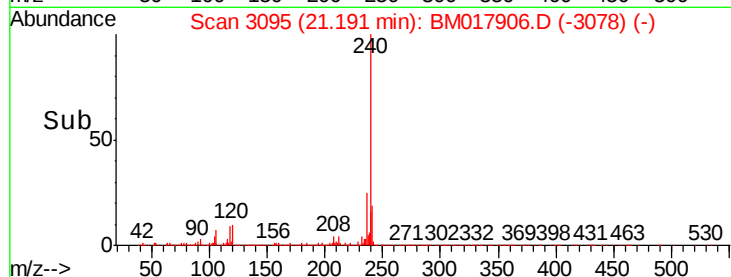
236 25.1 20.4 30.6



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



#78

Pyrene

Concen: 2.282 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

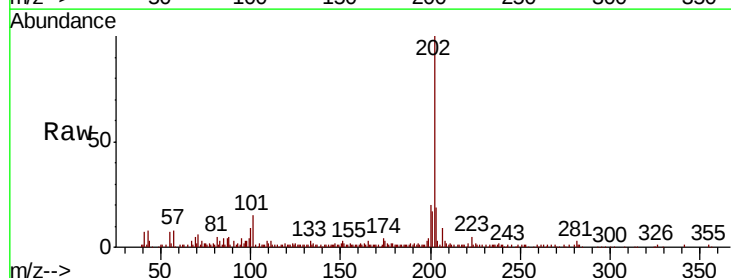
Tgt Ion:202 Resp: 117002

Ion Ratio Lower Upper

202 100

200 19.5 16.4 24.6

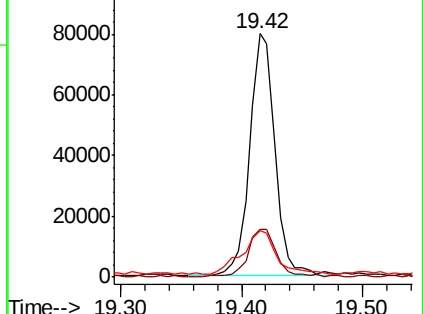
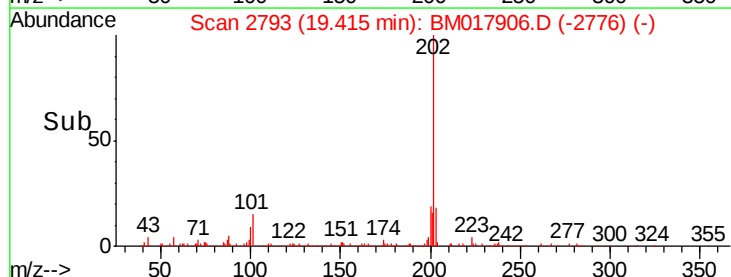
203 19.3 13.8 20.8

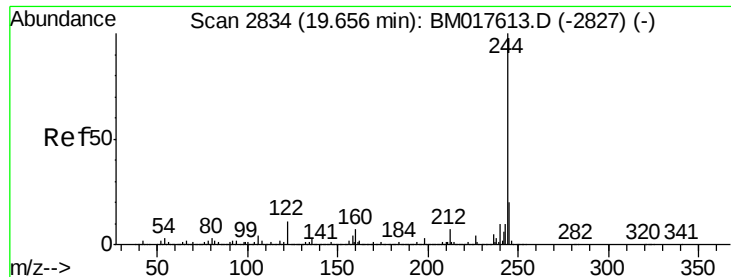


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.838 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

Instrument :

BNA_M

ClientSampled :

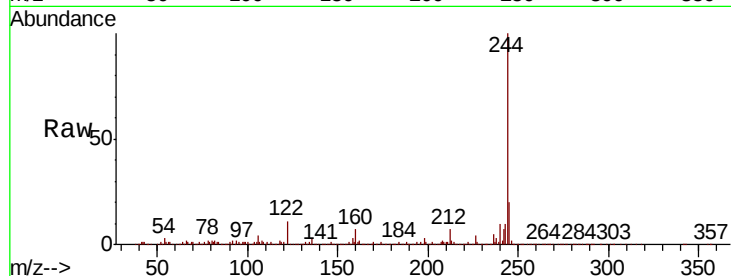
Tot Ion:244 Resp: 873915

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

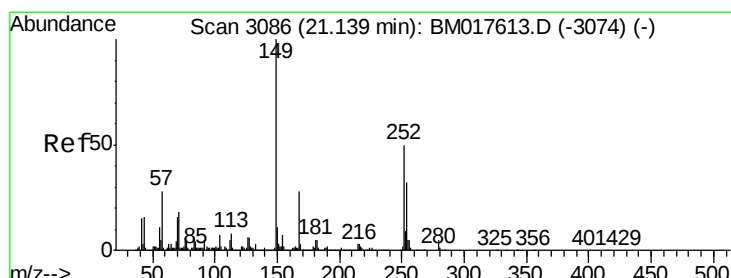
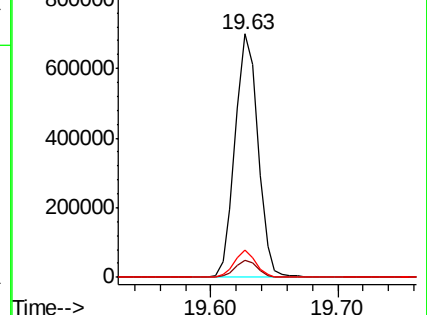
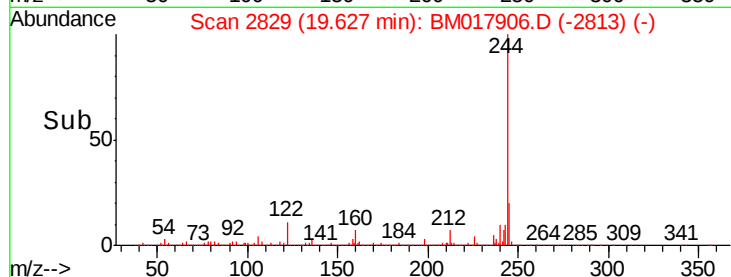
122 11.2 9.0 13.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.580 ng

RT: 21.11 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM017906.D

Acq: 04 Dec 2018 17:22

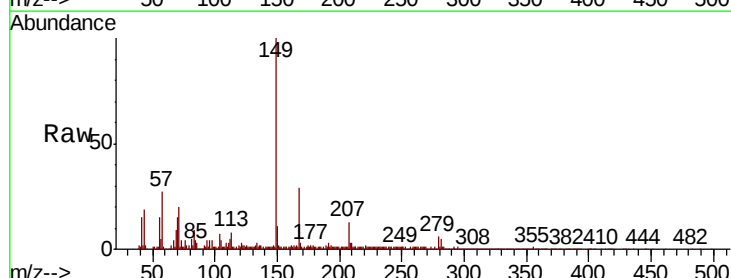
Tgt Ion:149 Resp: 294879

Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.4

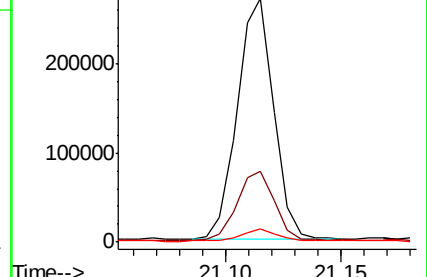
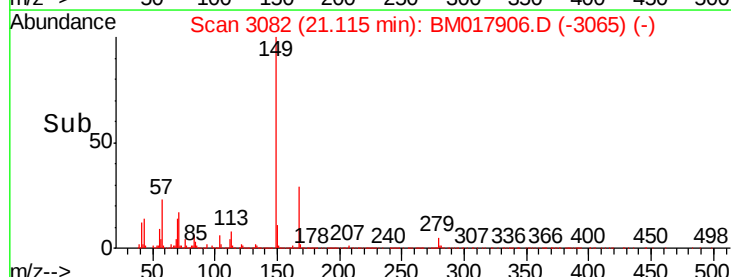
279 5.7 3.7 5.5#

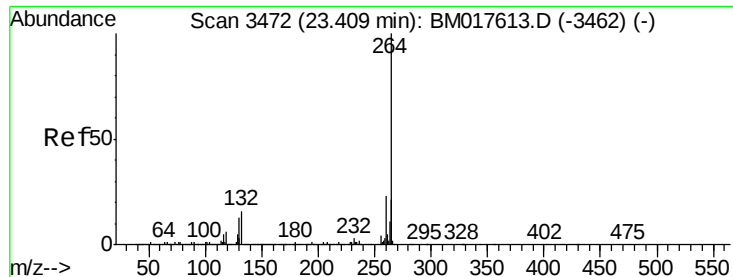


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

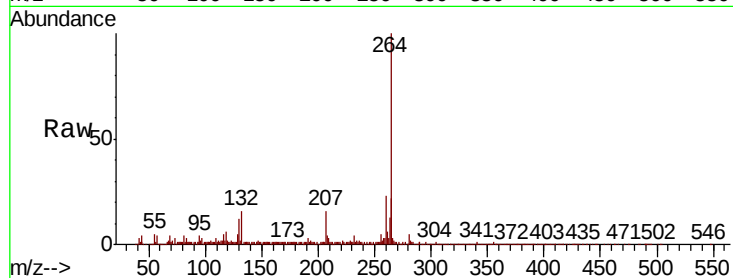




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM017906.D
Acq: 04 Dec 2018 17:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	22.3	17.5	26.3



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

