

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017904.D
 Acq On : 04 Dec 2018 16:09
 Operator : JU/SJ
 Sample : J6074-03 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 04 16:42:52 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

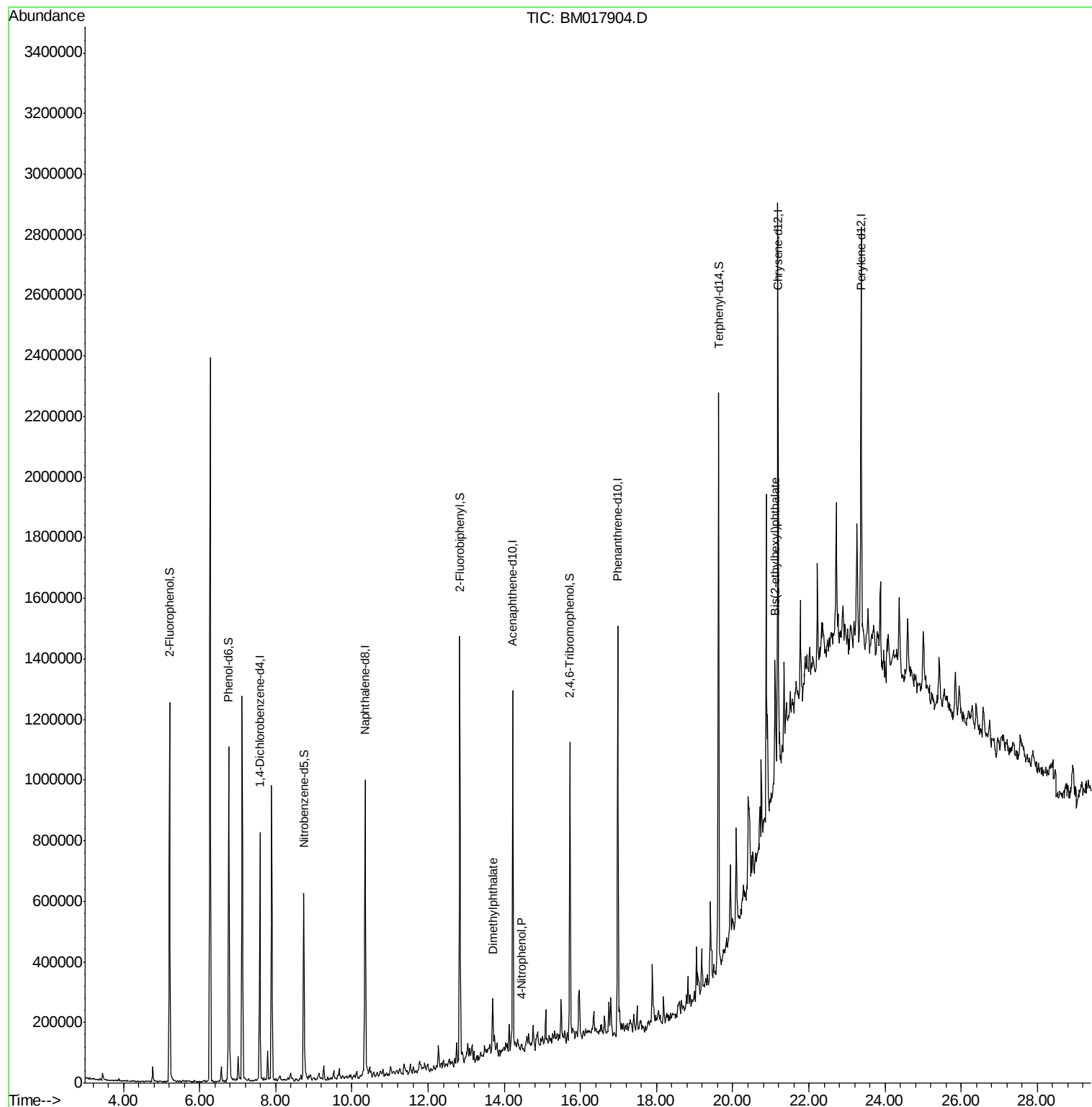
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	228130	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	818918	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	398259	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	785012	20.00	ng	0.00
76) Chrysene-d12	21.19	240	868340	20.00	ng	0.00
87) Perylene-d12	23.37	264	965564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	537533	39.77	ng	0.00
7) Phenol-d6	6.77	99	662369	35.08	ng	0.00
23) Nitrobenzene-d5	8.73	82	393101	24.78	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	193580	33.83	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	741343	24.15	ng	0.00
79) Terphenyl-d14	19.63	244	861959	22.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	86197	2.662	ng	98
56) 4-Nitrophenol	14.46	139	363	5.007	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.11	149	133656	4.155	ng	99

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

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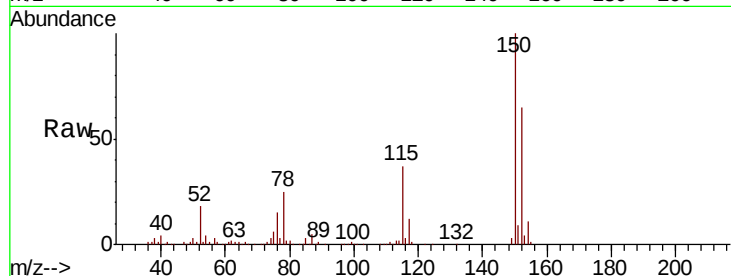


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BM017904.D
Acq: 04 Dec 2018 16:09

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.4	189.6
115	56.6	49.4	74.0

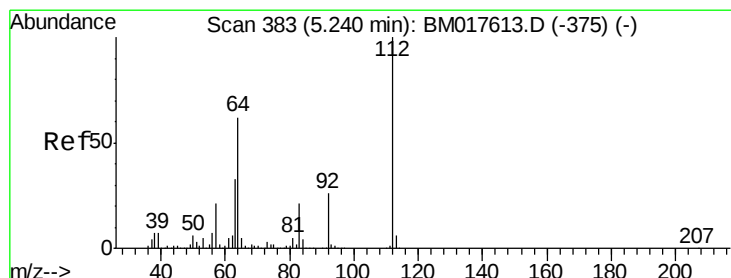
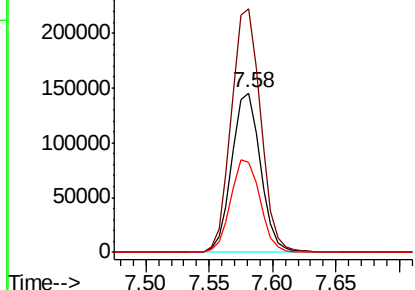
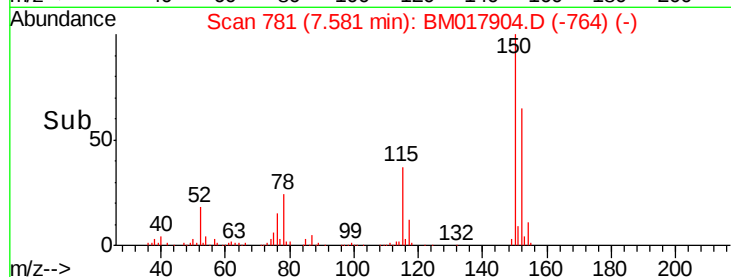


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

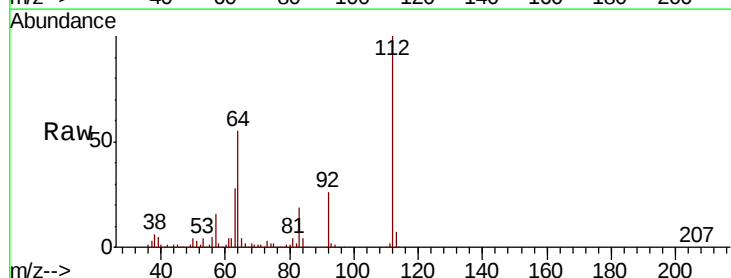
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.765 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM017904.D
Acq: 04 Dec 2018 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	49.3	73.9
63	27.6	26.2	39.4

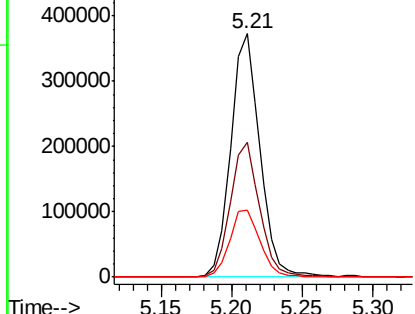
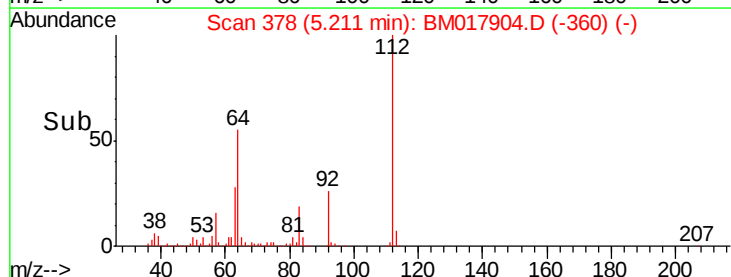


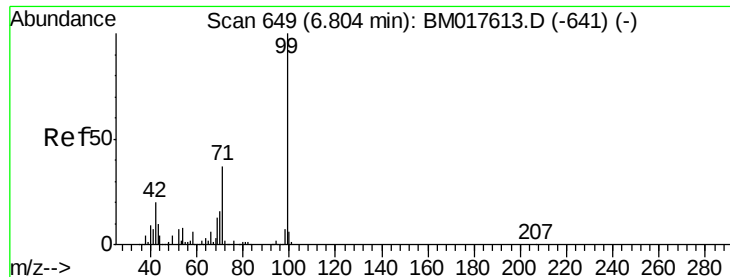
Abundance

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: 35.084 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Instrument :

BNA_M

ClientSampled :

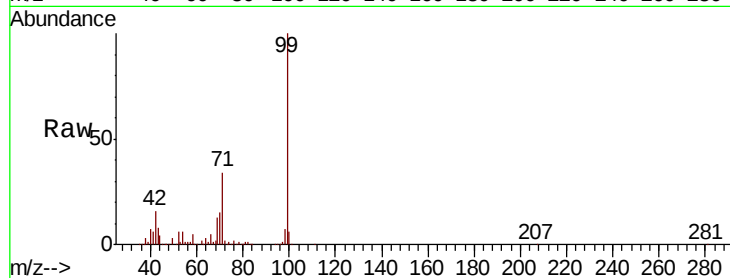
Tot Ion: 99 Resp: 662369

Ion Ratio Lower Upper

99 100

42 15.7 16.3 24.5#

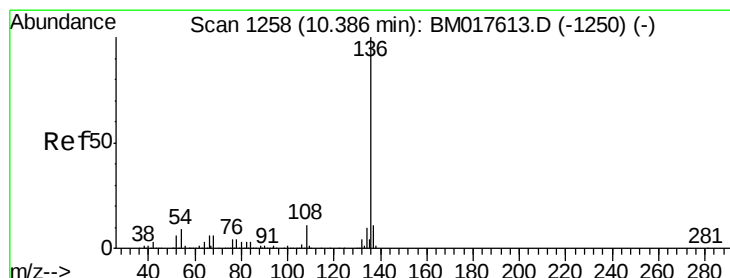
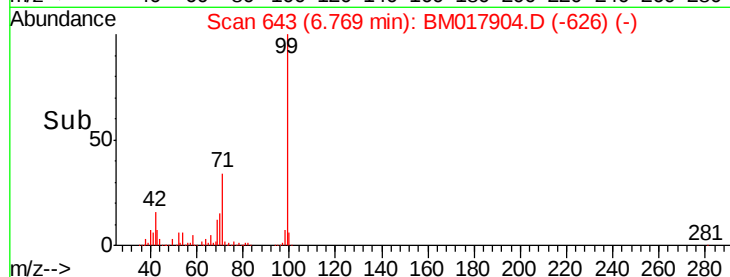
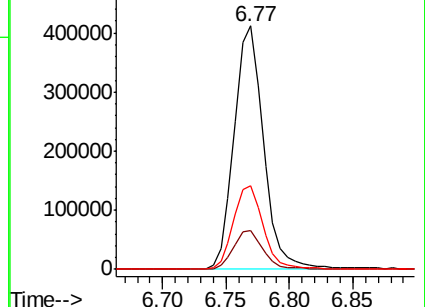
71 34.2 29.8 44.8



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: BM017904.D

Acq: 04 Dec 2018 16:09

Tgt Ion: 136 Resp: 818918

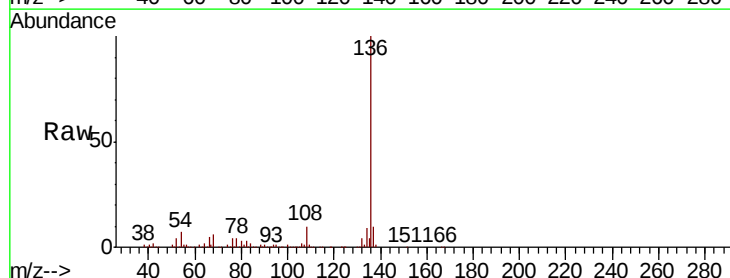
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 6.9 7.0 10.6#

68 5.8 4.9 7.3

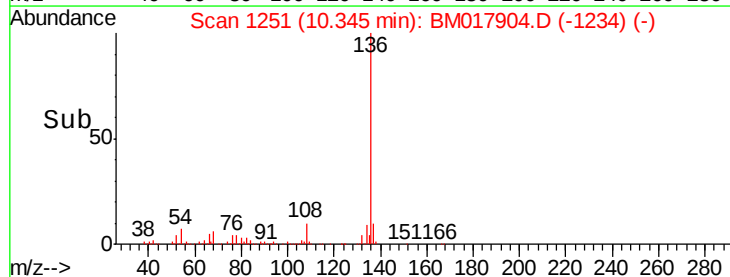
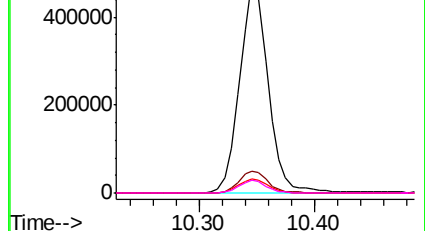


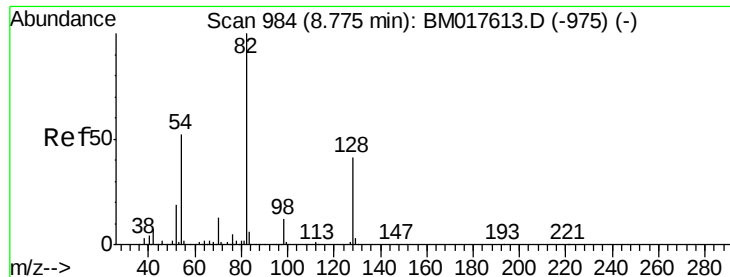
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

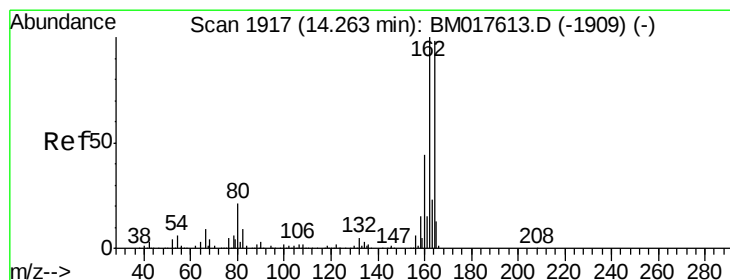
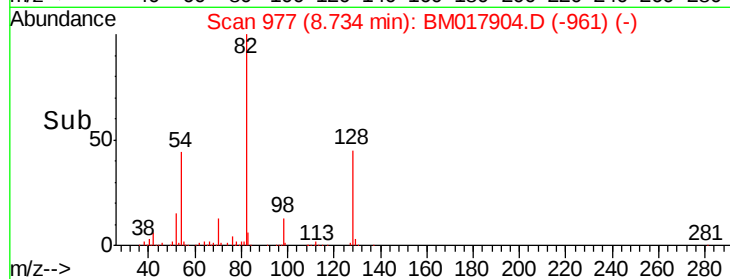
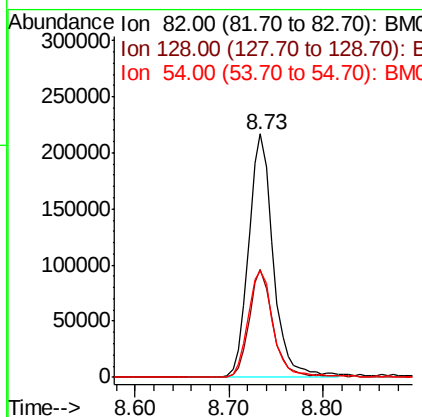
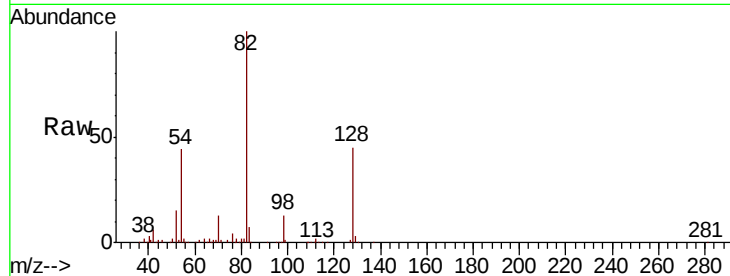




#23
 Nitrobenzene-d5
 Concen: 24.781 ng
 RT: 8.73 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM017904.D
 Acq: 04 Dec 2018 16:09

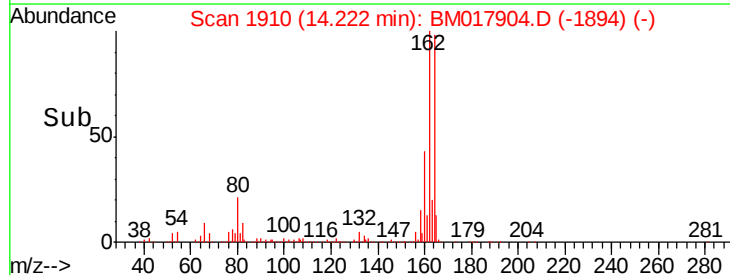
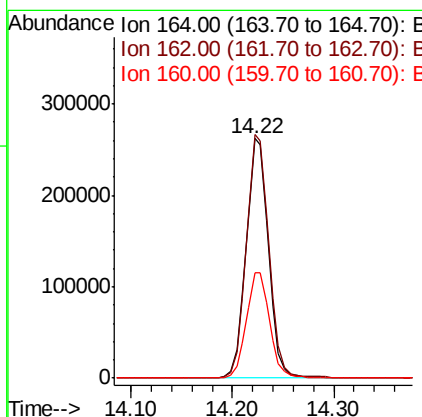
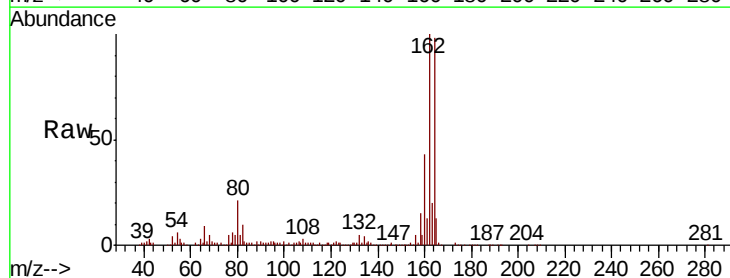
Instrument :
 BNA_M
 ClientSampled :

Tot Ion	82	Resp	393101
Ion Ratio	100	Lower	Upper
128	44.5	33.0	49.4
54	43.8	41.4	62.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM017904.D
 Acq: 04 Dec 2018 16:09

Tgt Ion	164	Resp	398259
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.8	81.4	122.0
160	43.8	35.6	53.4

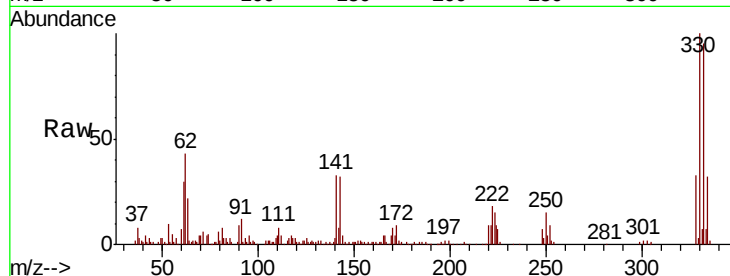




#42
 2,4,6-Tribromophenol
 Concen: 33.828 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM017904.D
 Acq: 04 Dec 2018 16:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	32.7	27.5	41.3

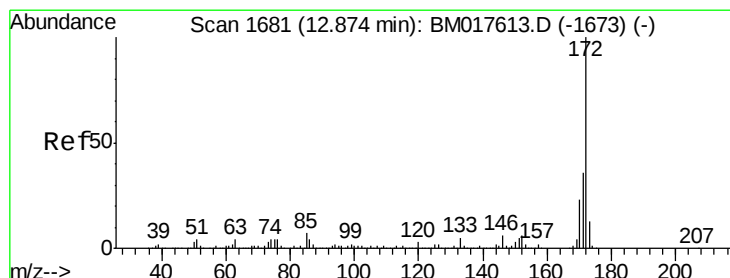
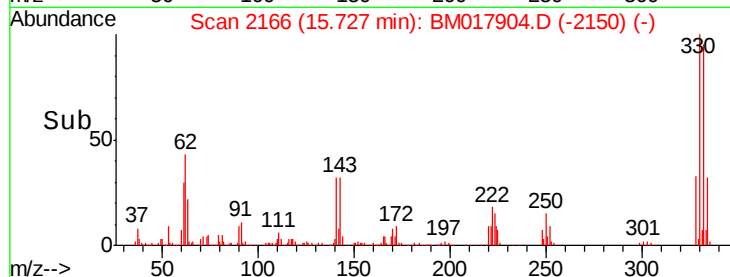
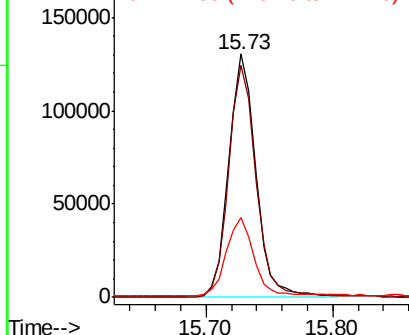


Abundance

Ion 329.80 (329.50 to 330.50): E

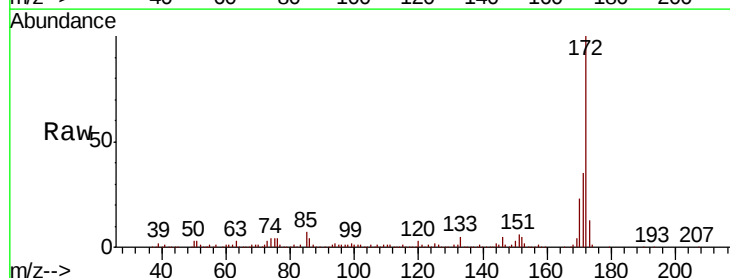
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 24.149 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM017904.D
 Acq: 04 Dec 2018 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	22.8	18.3	27.5

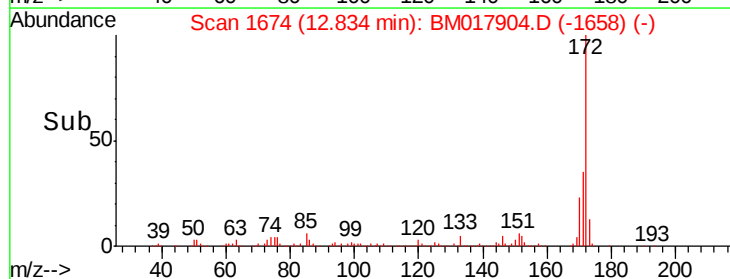
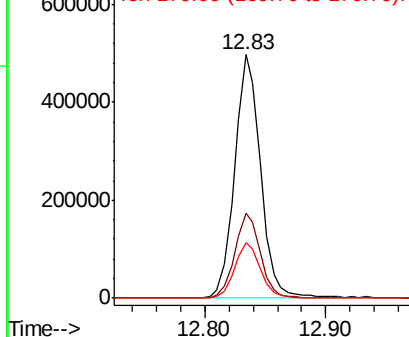


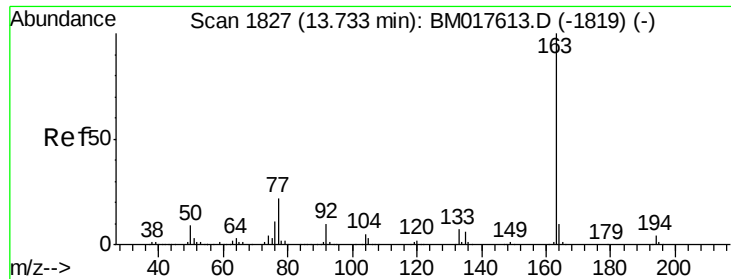
Abundance

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





#50

Dimethylphthalate

Concen: 2.662 ng

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Instrument :

BNA_M

ClientSampleId :

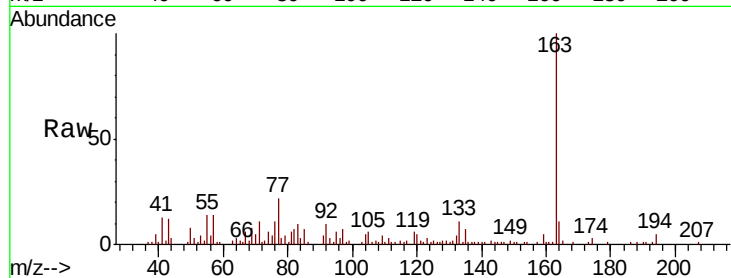
Tot Ion:163 Resp: 86197

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7

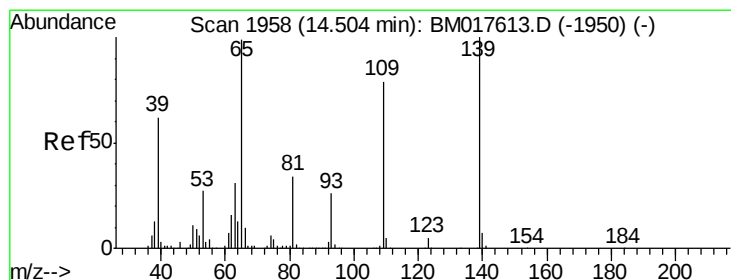
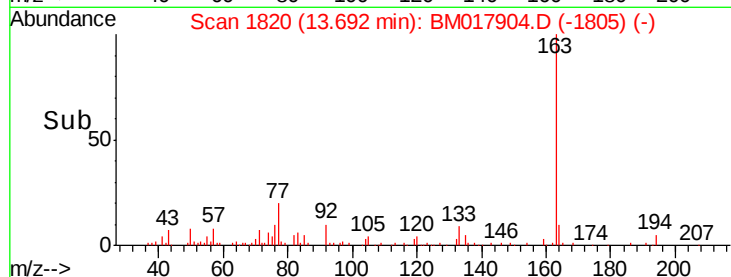
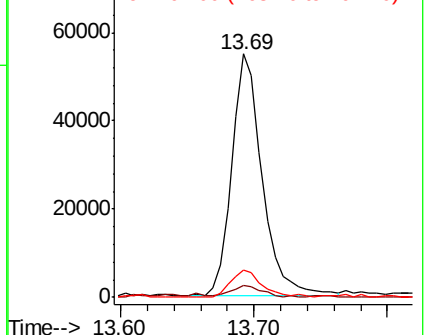
164 11.1 8.2 12.4



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



#56

4-Nitrophenol

Concen: 5.007 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

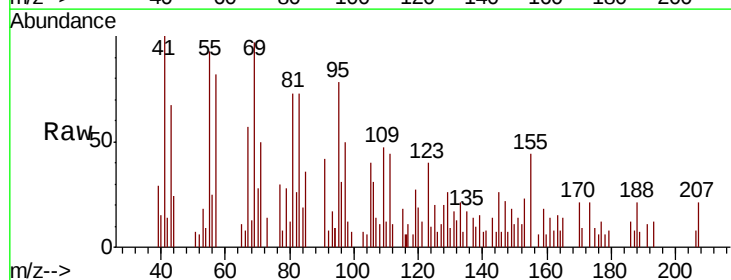
Tgt Ion:139 Resp: 363

Ion Ratio Lower Upper

139 100

109 316.5 58.6 98.6#

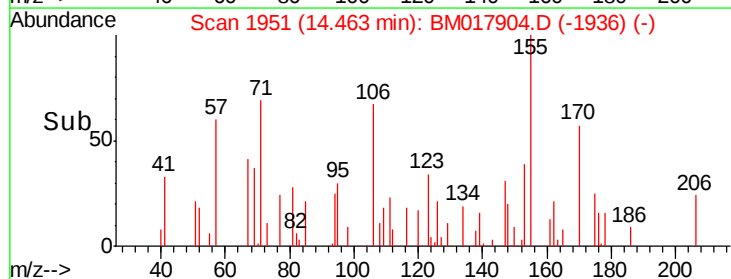
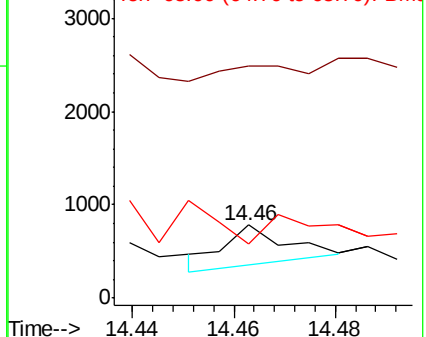
65 74.3 79.5 119.5#

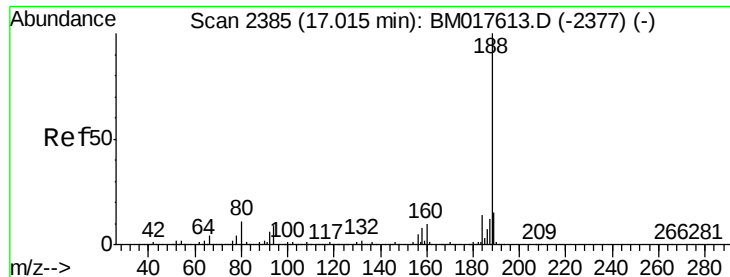


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

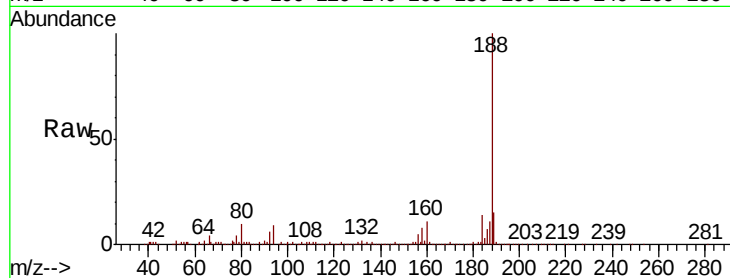




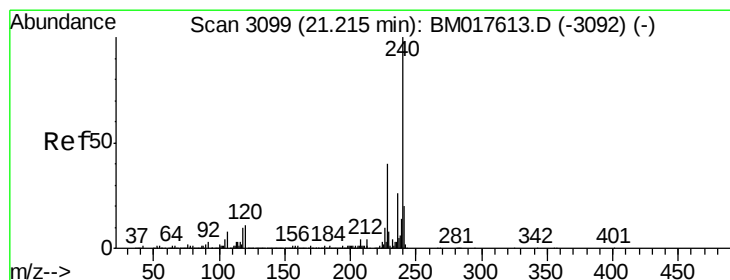
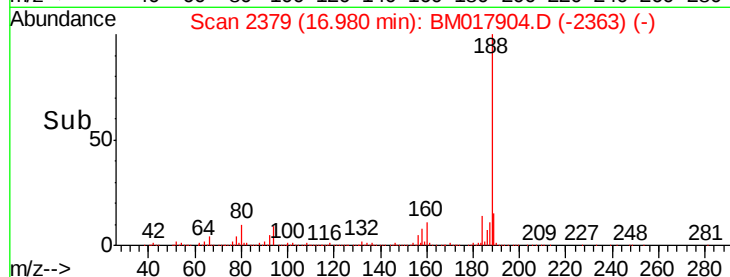
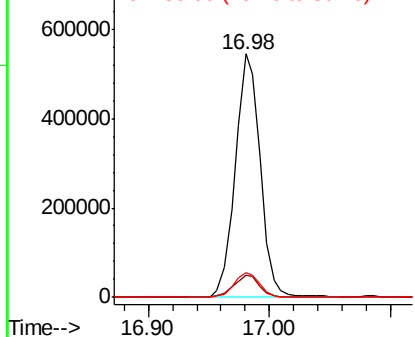
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM017904.D
Acq: 04 Dec 2018 16:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 785012
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.3 8.6 13.0

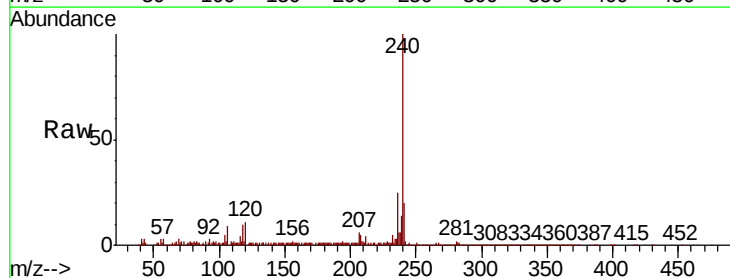


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

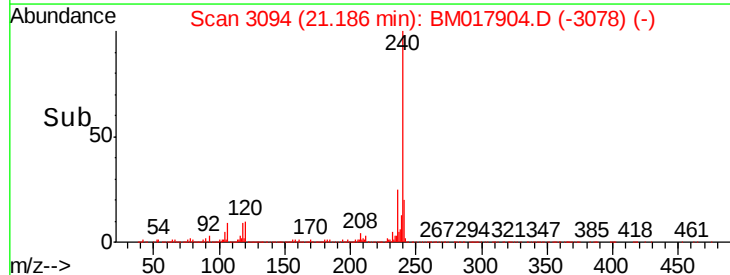
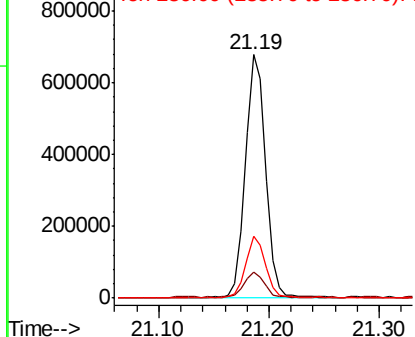


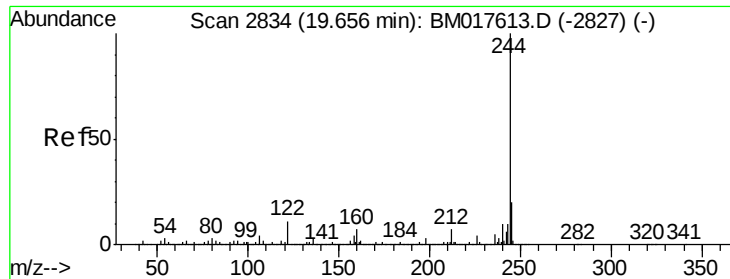
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM017904.D
Acq: 04 Dec 2018 16:09

Tgt Ion:240 Resp: 868340
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.3 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





#79

Terphenyl-d14

Concen: 22.498 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Instrument :

BNA_M

ClientSampleId :

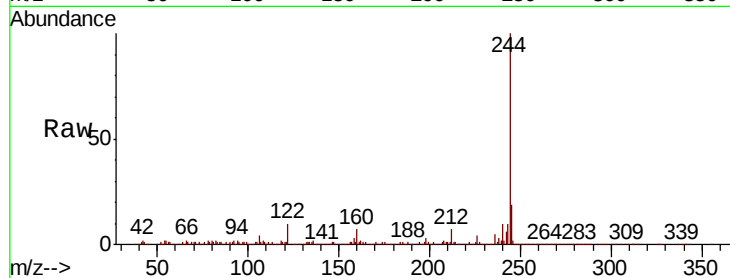
Tot Ion:244 Resp: 861959

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

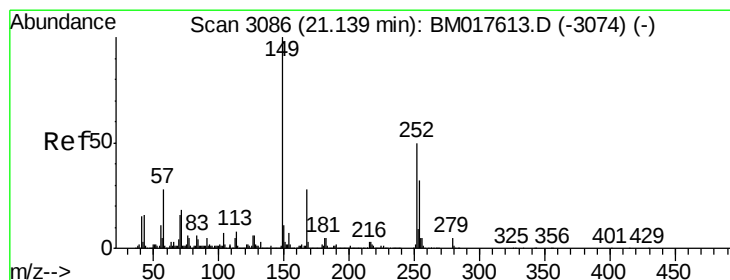
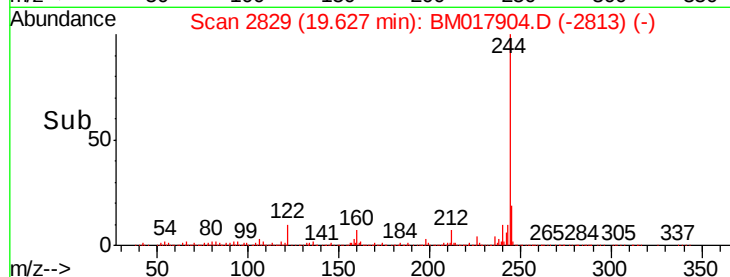
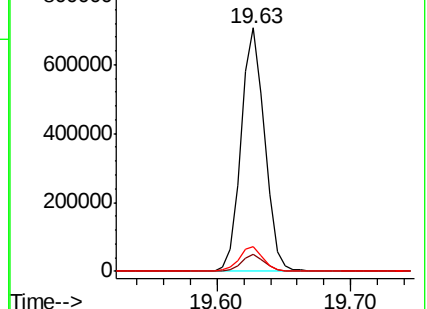
122 10.3 9.0 13.6



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: 4.155 ng

RT: 21.11 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

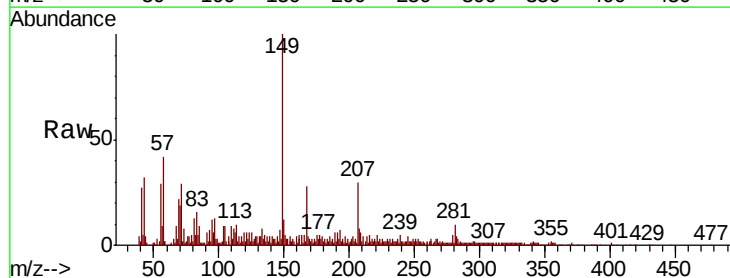
Tgt Ion:149 Resp: 133656

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

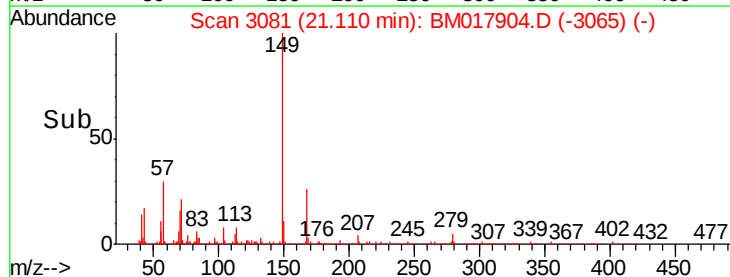
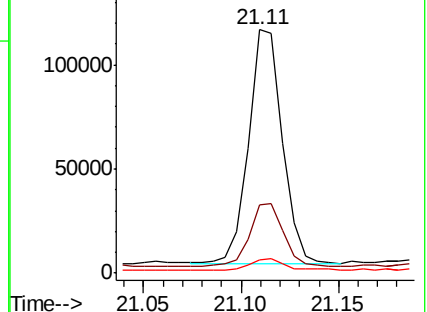
279 5.5 3.7 5.5

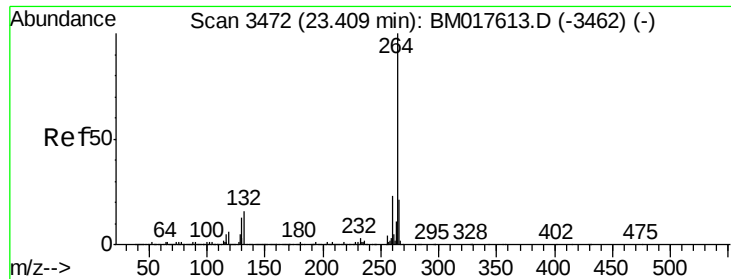


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

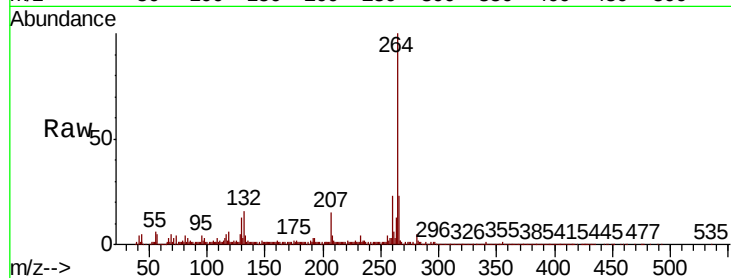




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM017904.D
Acq: 04 Dec 2018 16:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	23.3	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

