

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009960.D
 Acq On : 07 May 2017 02:51
 Operator : SJ/MA
 Sample : I2997-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:45:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

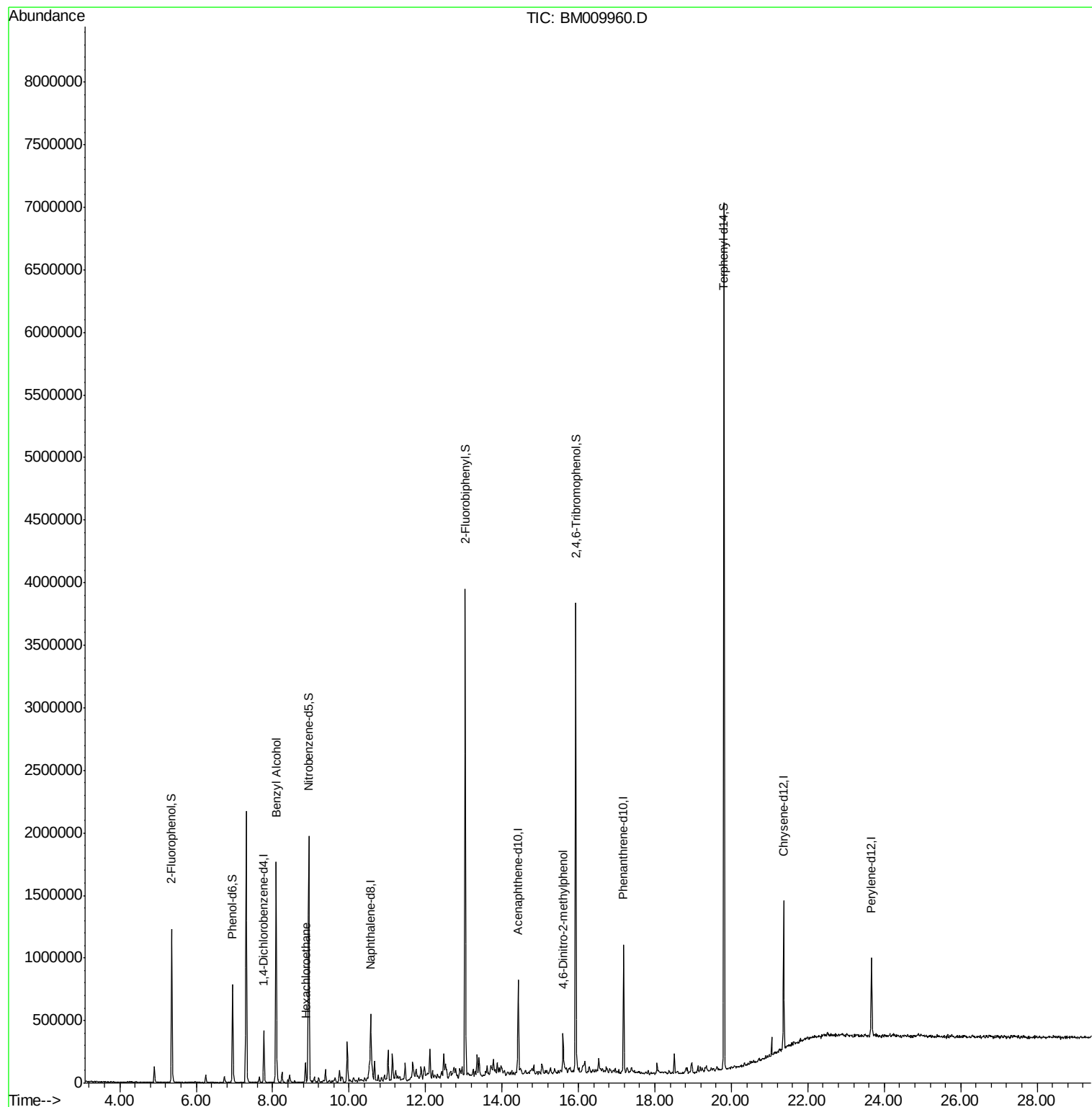
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	77546	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	331294	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	213434	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	499407	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	513042	20.00	ng	-0.02
86) Perylene-d12	23.67	264	421694	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	367662	75.48	ng	-0.01
7) Phenol-d6	6.95	99	337304	45.18	ng	-0.02
23) Nitrobenzene-d5	8.95	82	923529	100.88	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	460452	157.96	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1644255	100.37	ng	-0.01
78) Terphenyl-d14	19.80	244	2492658	99.67	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.09	79	14845	2.15	ng	# 47
18) Hexachloroethane	8.86	117	33431	12.18	ng	# 55
64) 4,6-Dinitro-2-methylphenol	15.60	198	826	6.12	ng	# 1

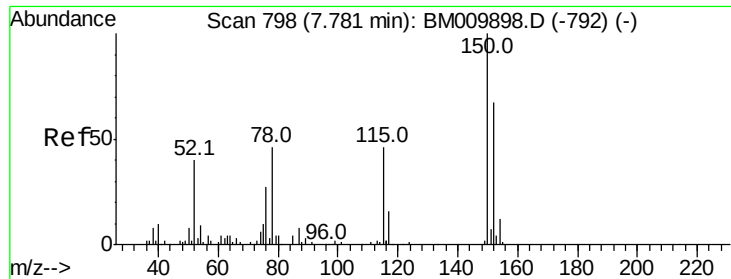
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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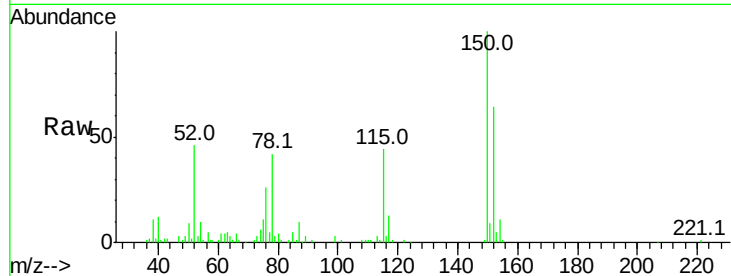


#1

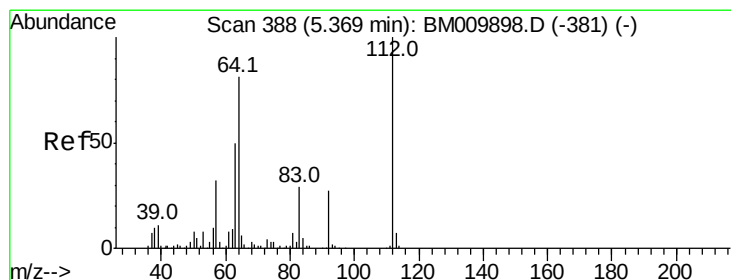
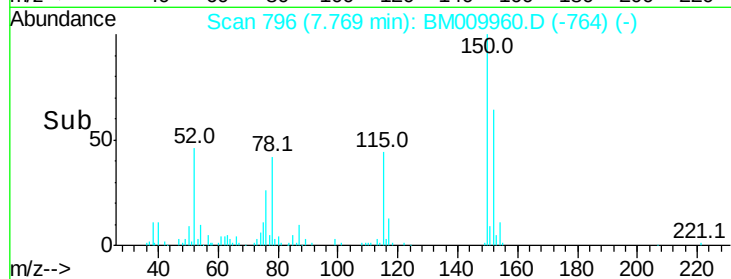
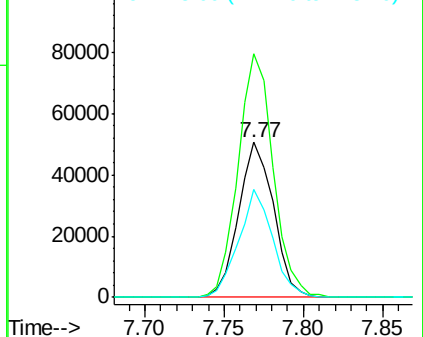
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009960.D
Acq: 07 May 2017 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 77546
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 69.3 43.0 64.4#



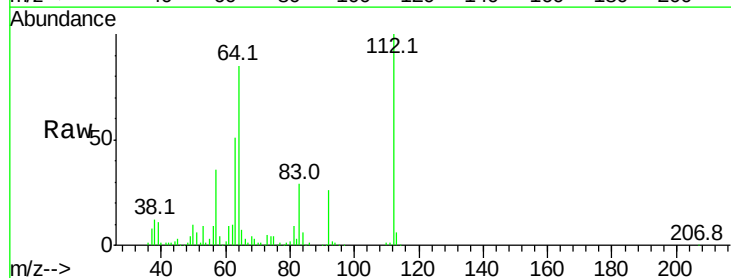
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



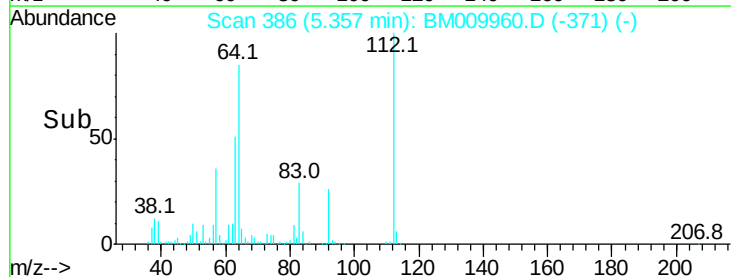
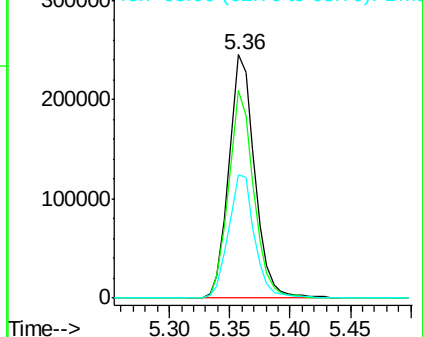
#5

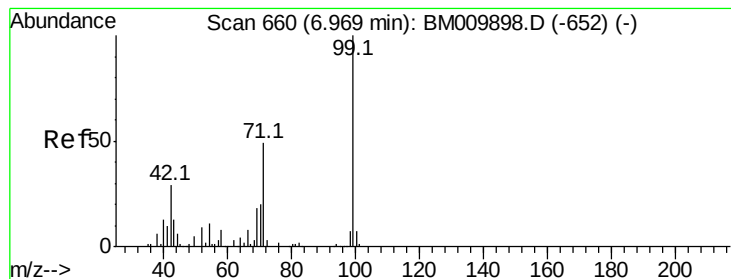
2-Fluorophenol
Concen: 75.48 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM009960.D
Acq: 07 May 2017 02:51

Tgt Ion:112 Resp: 367662
Ion Ratio Lower Upper
112 100
64 85.2 38.6 57.8#
63 50.9 19.3 28.9#



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: 45.18 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009960.D

Acq: 07 May 2017 02:51

Instrument :

BNA_M

ClientSampleId :

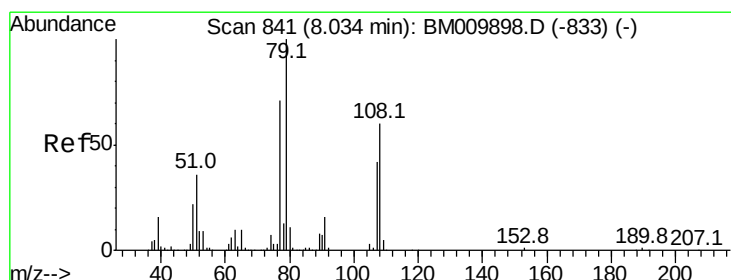
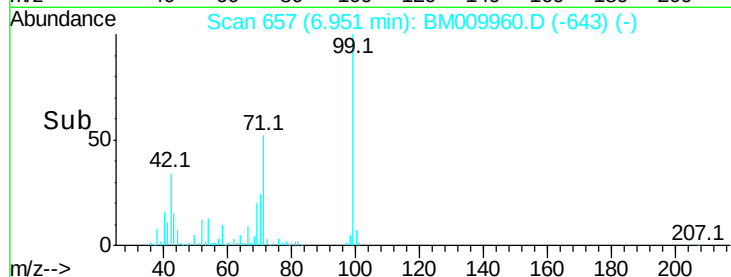
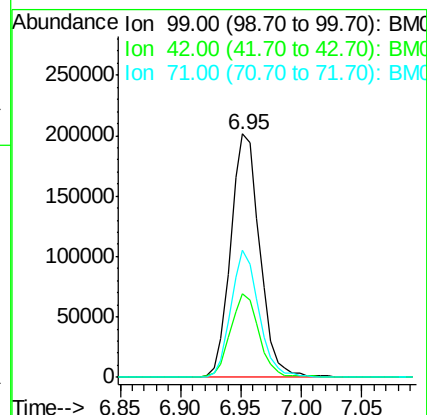
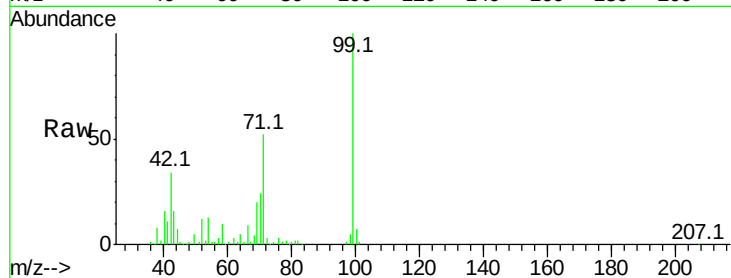
Tot Ion: 99 Resp: 337304

Ion Ratio Lower Upper

99 100

42 34.3 11.0 16.4#

71 52.3 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 8.09 min Scan# 850

Delta R.T. 0.05 min

Lab File: BM009960.D

Acq: 07 May 2017 02:51

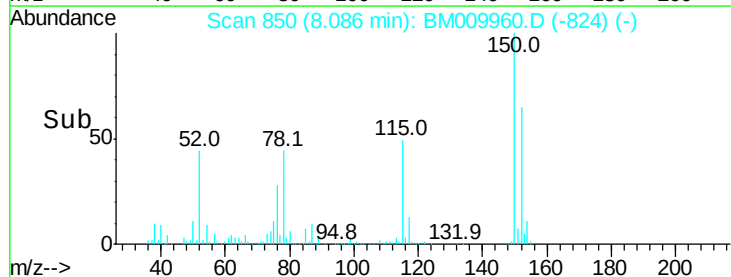
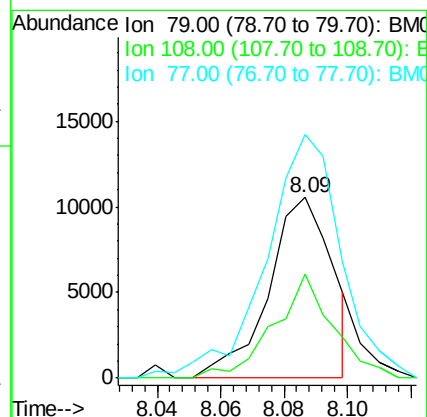
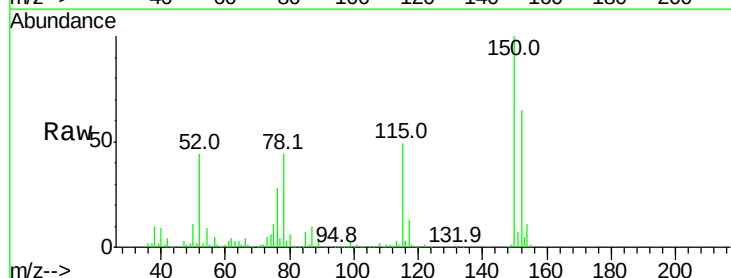
Tgt Ion: 79 Resp: 14845

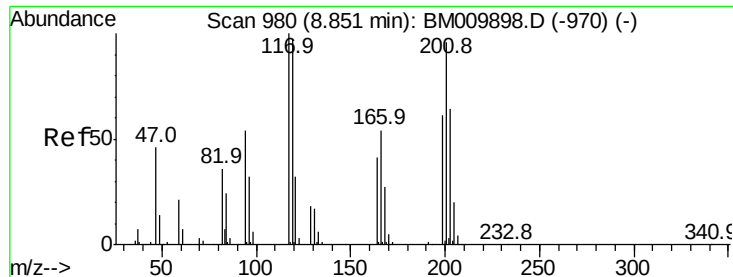
Ion Ratio Lower Upper

79 100

108 57.8 65.0 97.4#

77 134.6 53.0 79.6#

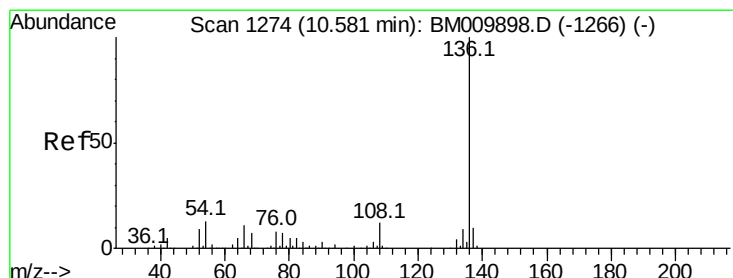
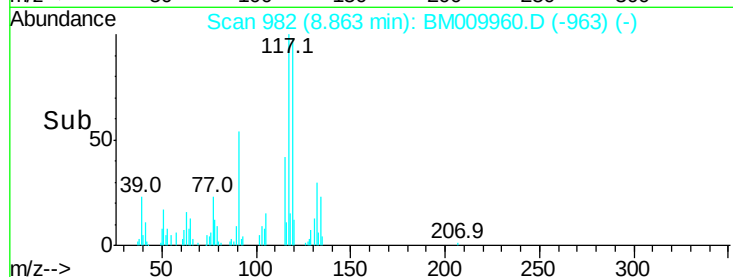
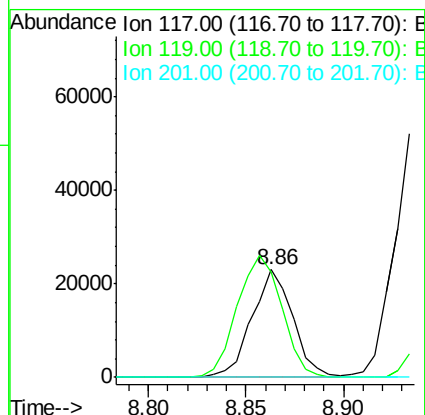
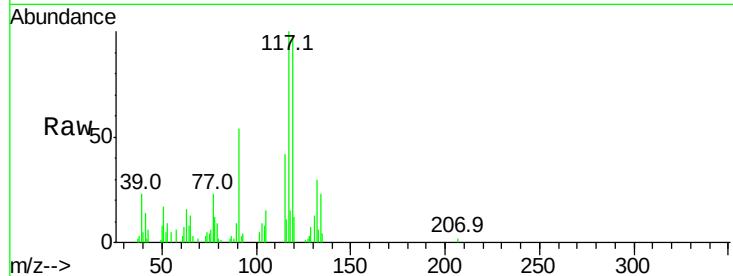




#18
Hexachloroethane
Concen: 12.18 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BM009960.D
Acq: 07 May 2017 02:51

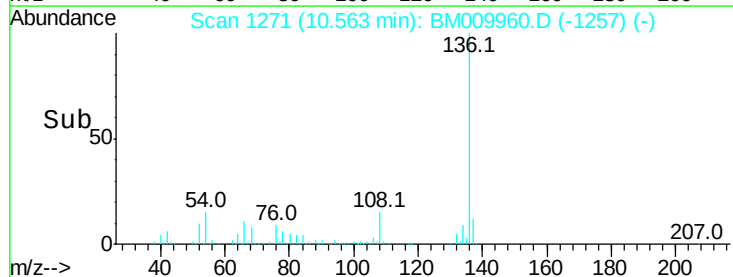
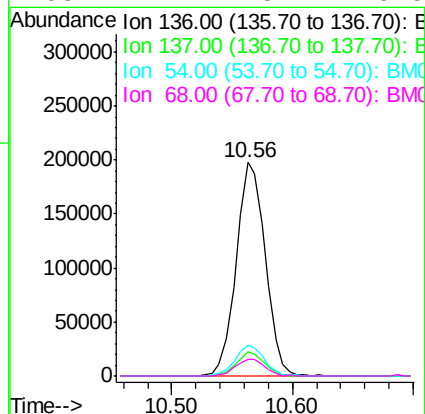
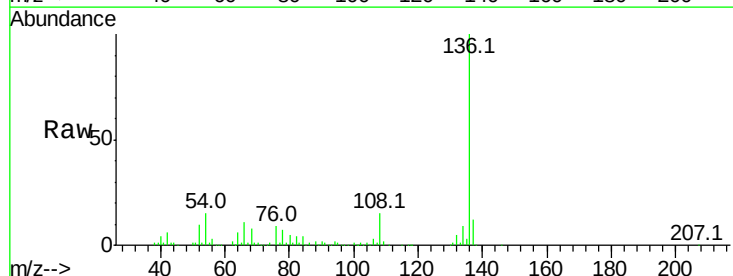
Instrument :
BNA_M
ClientSampled :

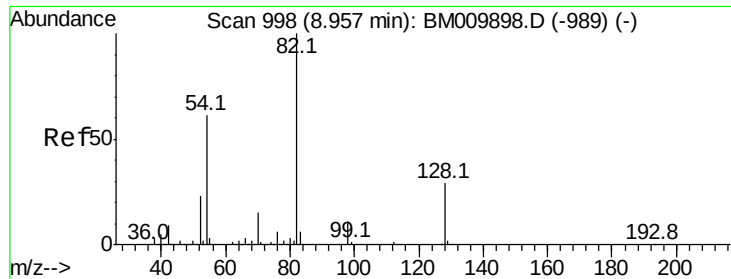
Tot Ion:117 Resp: 33431
Ion Ratio Lower Upper
117 100
119 97.6 79.2 118.8
201 0.0 69.8 104.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009960.D
Acq: 07 May 2017 02:51

Tgt Ion:136 Resp: 331294
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 14.5 4.6 6.8#
68 7.7 3.7 5.5#

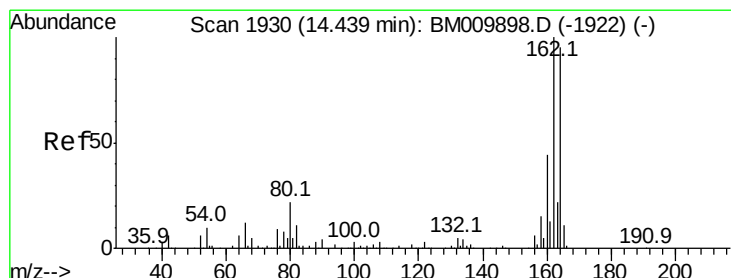
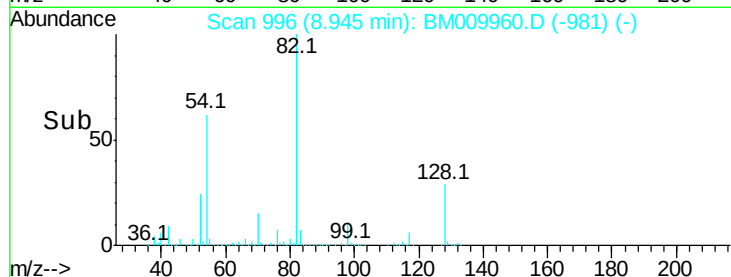
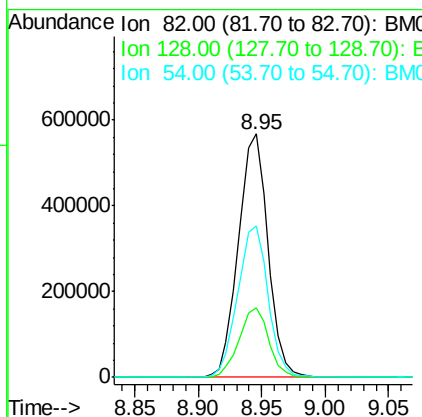
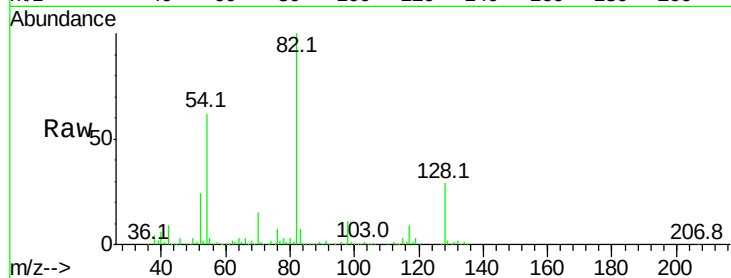




#23
 Nitrobenzene-d5
 Concen: 100.88 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009960.D
 Acq: 07 May 2017 02:51

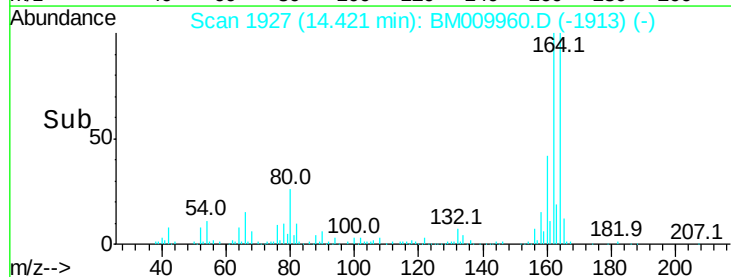
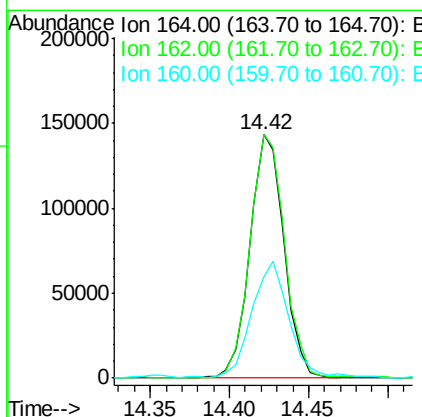
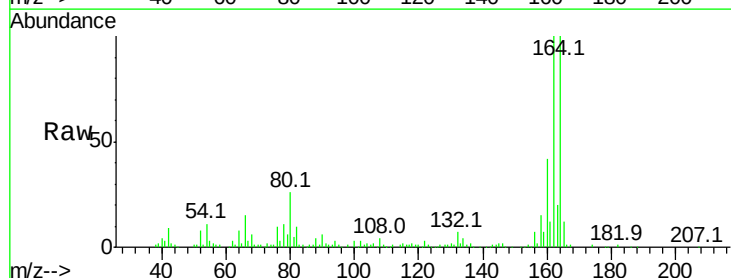
Instrument :
 BNA_M
 ClientSampleId :

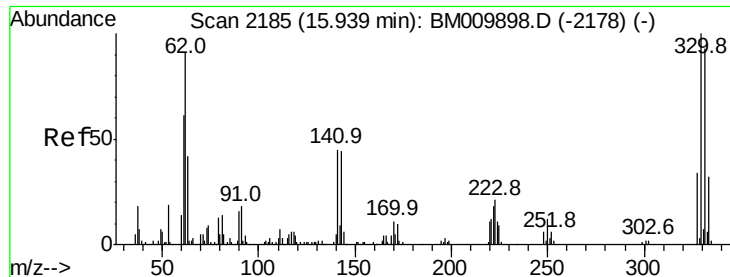
Tot Ion	82	Resp	923529
Ion Ratio	Lower	Upper	
82	100		
128	28.7	32.8	49.2#
54	62.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009960.D
 Acq: 07 May 2017 02:51

Tgt Ion	164	Resp	213434
Ion Ratio	Lower	Upper	
164	100		
162	100.1	82.4	123.6
160	41.7	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 157.96 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009960.D

Acq: 07 May 2017 02:51

Instrument :

BNA_M

ClientSampled :

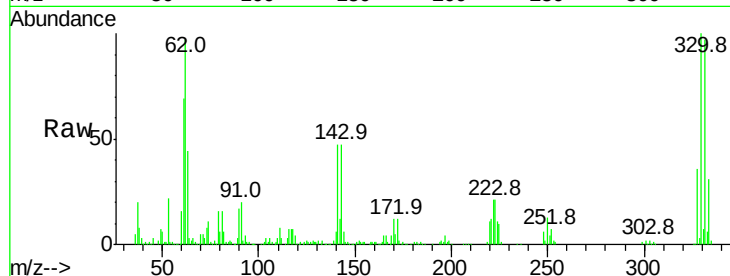
Tot Ion:330 Resp: 460452

Ion Ratio Lower Upper

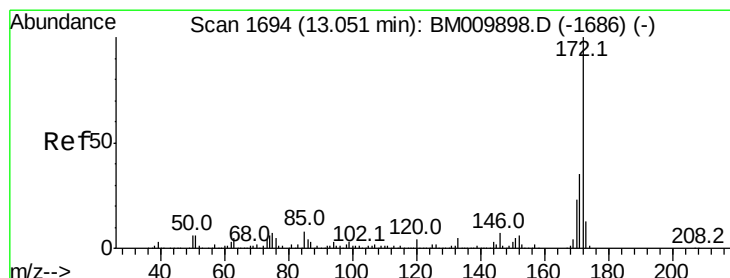
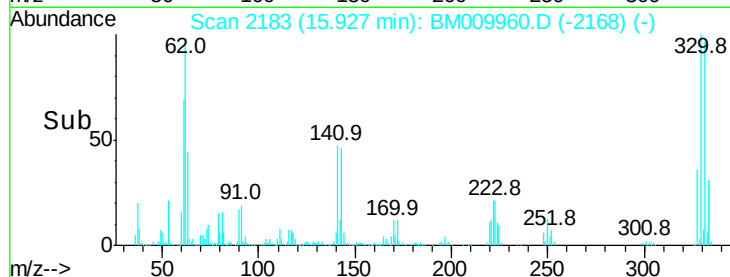
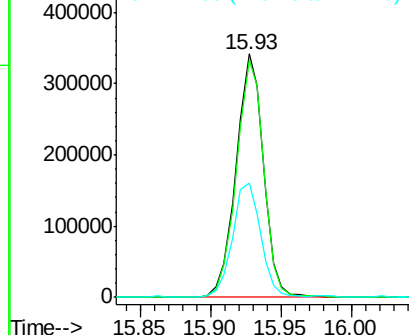
330 100

332 97.4 0.0 0.0#

141 48.1 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 100.37 ng

RT: 13.04 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM009960.D

Acq: 07 May 2017 02:51

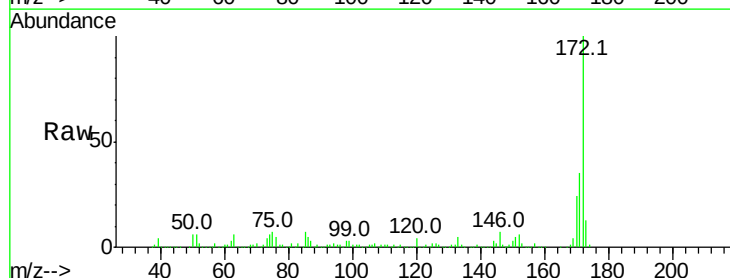
Tgt Ion:172 Resp: 1644255

Ion Ratio Lower Upper

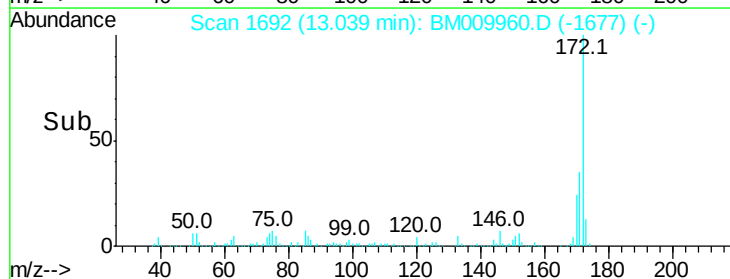
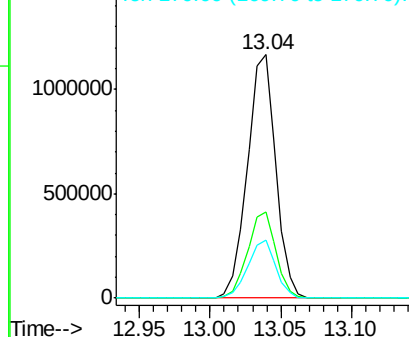
172 100

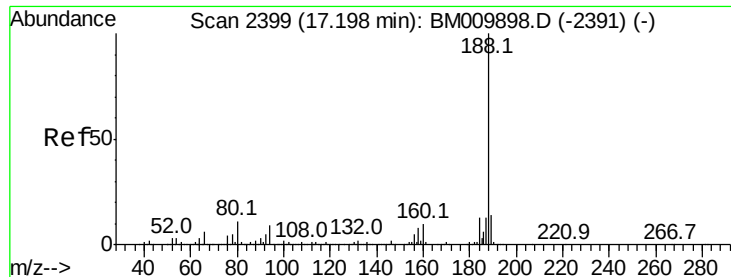
171 35.2 28.5 42.7

170 23.6 18.8 28.2



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

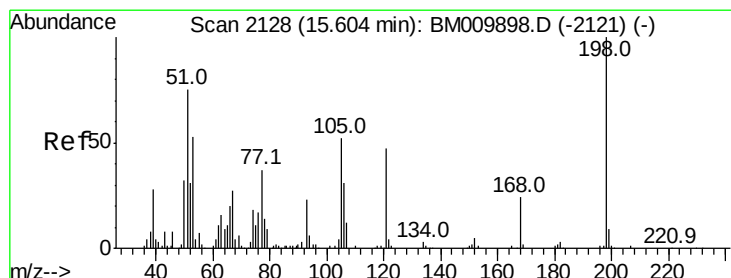
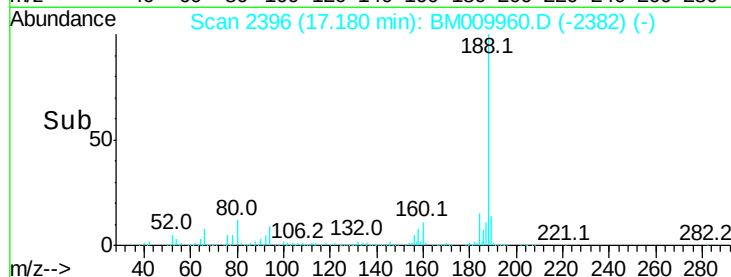
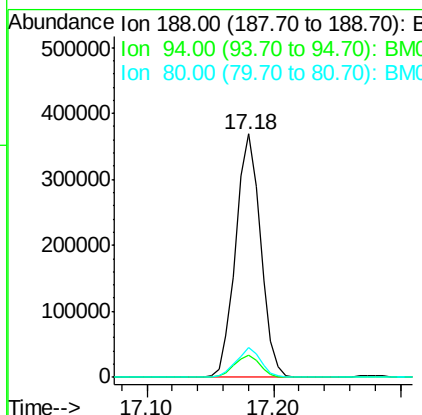
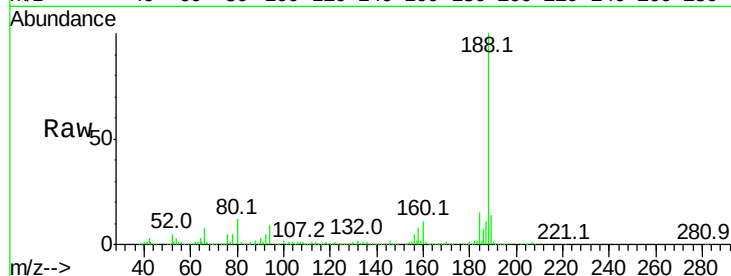




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.18 min Scan# 2396
 Delta R.T. -0.02 min
 Lab File: BM009960.D
 Acq: 07 May 2017 02:51

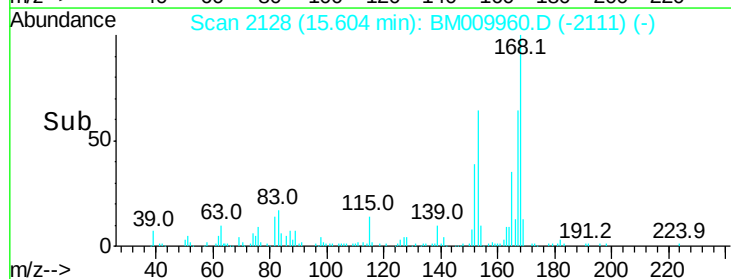
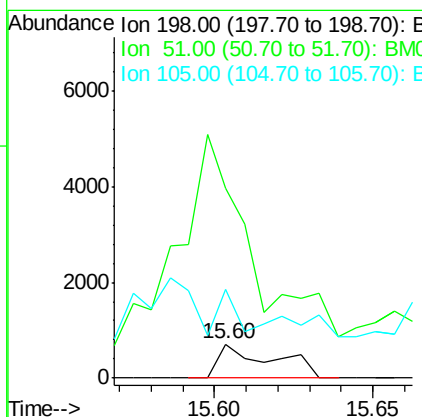
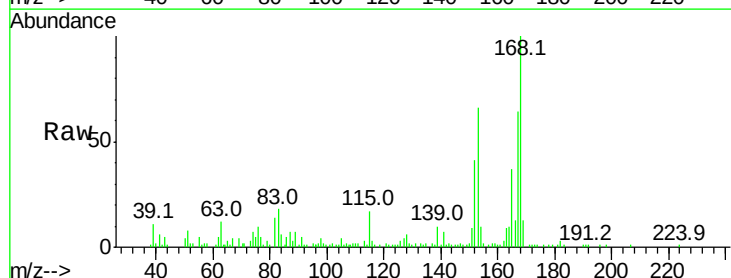
Instrument :
 BNA_M
 ClientSampled :

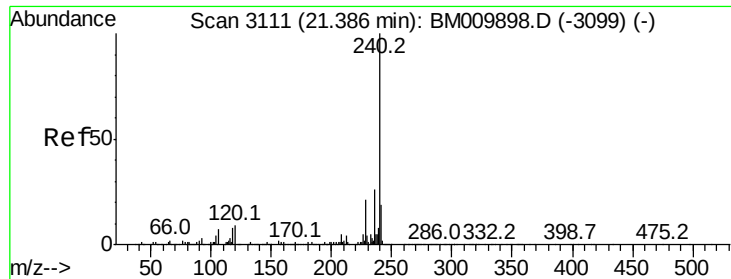
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.7	13.1
80	12.5	9.3	13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.12 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BM009960.D
 Acq: 07 May 2017 02:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	559.2	28.8	68.8#
105	262.9	30.5	70.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009960.D

Acq: 07 May 2017 02:51

Instrument :

BNA_M

ClientSampleId :

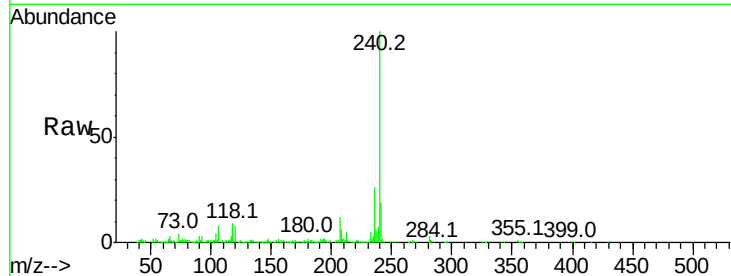
Tot Ion:240 Resp: 513042

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

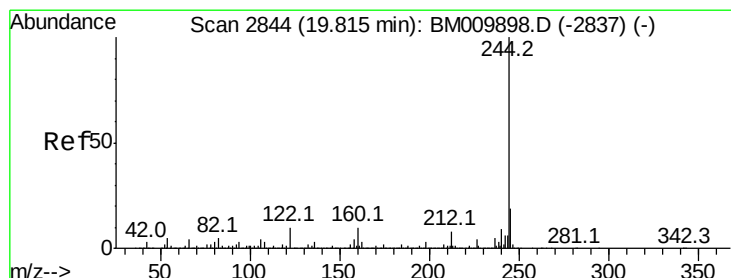
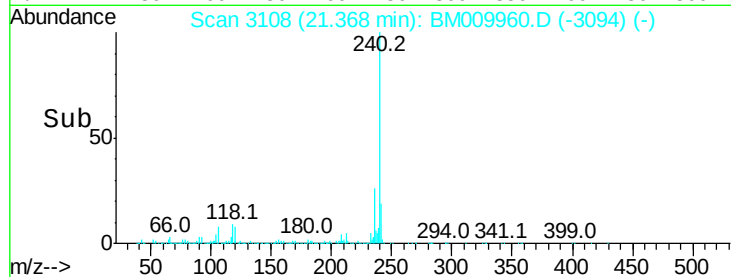
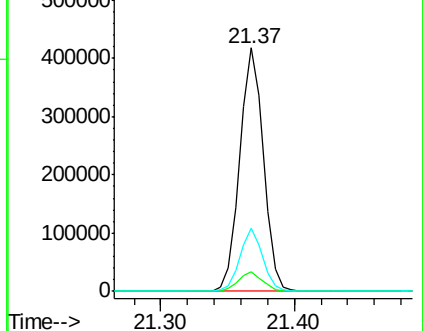
236 26.1 20.0 30.0



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

Terphenyl-d14

Concen: 99.67 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009960.D

Acq: 07 May 2017 02:51

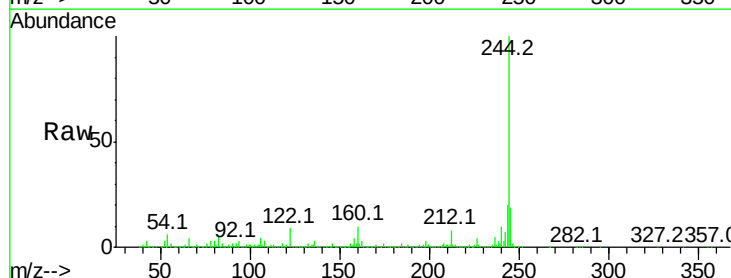
Tgt Ion:244 Resp: 2492658

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

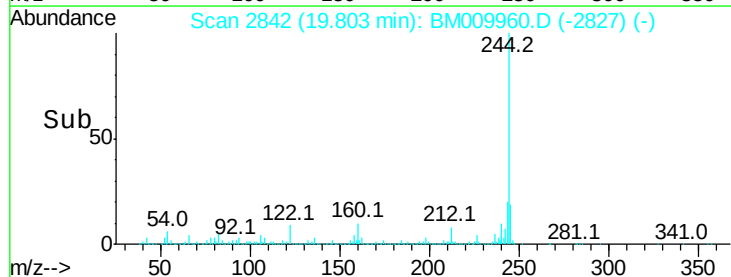
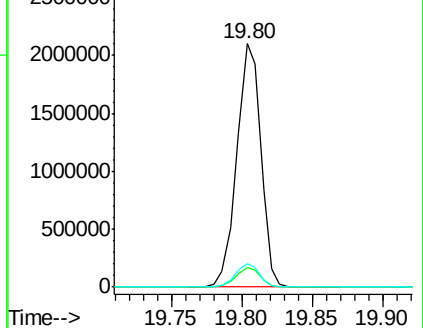
122 9.4 6.2 9.4#

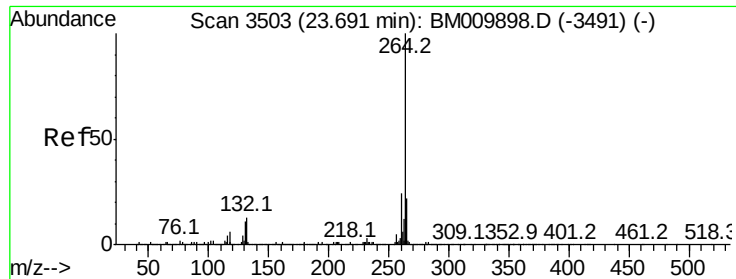


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

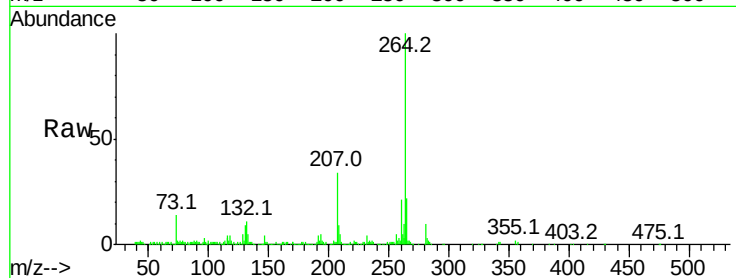




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM009960.D
Acq: 07 May 2017 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.6	27.8
265	21.7	17.3	25.9



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

