

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011017.D
 Acq On : 27 Jul 2017 19:00
 Operator : SJ/JU
 Sample : I4432-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:06:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

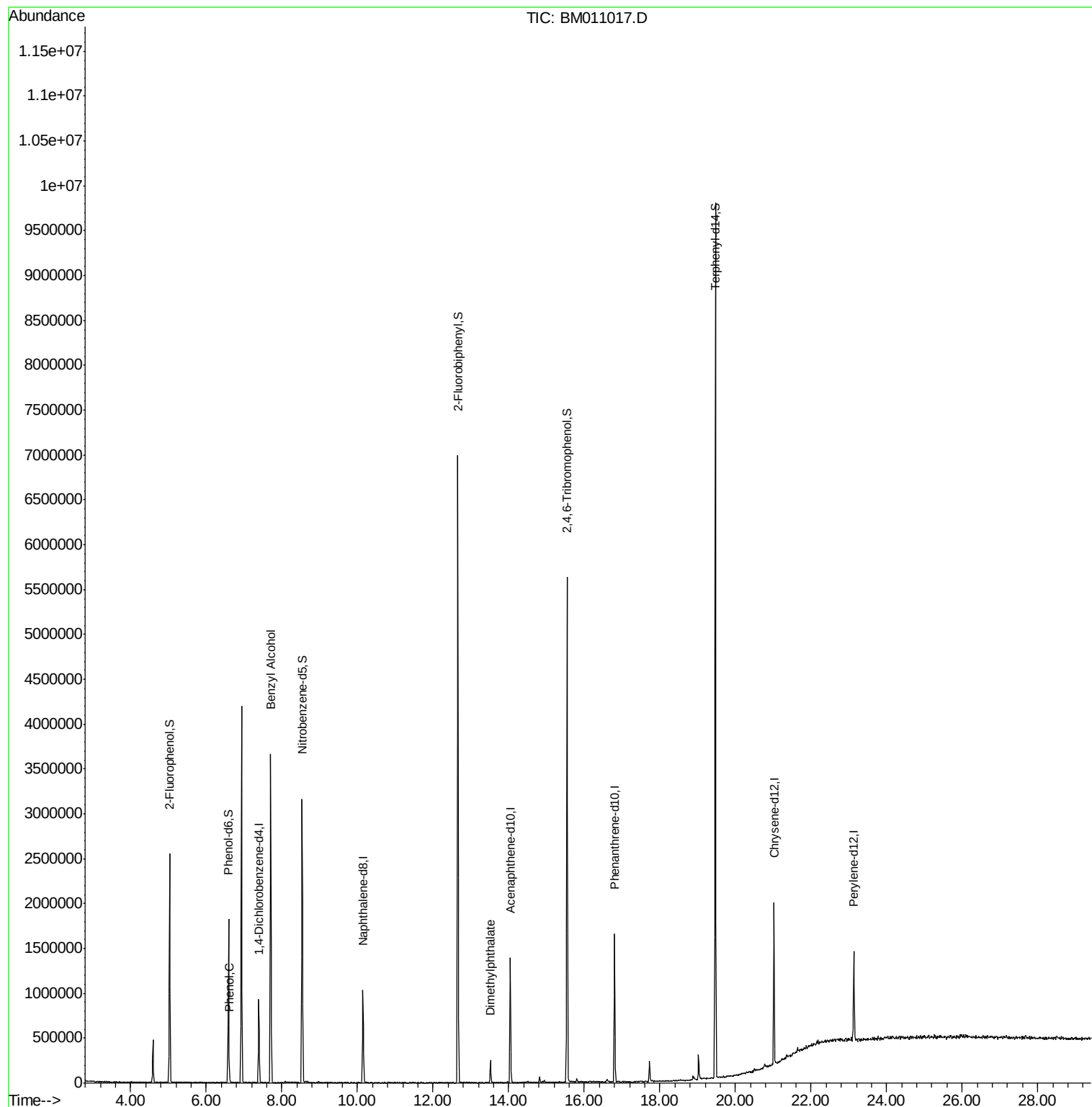
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	179835	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	659848	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	400633	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	850915	20.00	ng	0.00
75) Chrysene-d12	21.02	240	785556	20.00	ng	0.00
86) Perylene-d12	23.13	264	702542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	742661	69.81	ng	0.00
7) Phenol-d6	6.59	99	757086	50.09	ng	0.00
23) Nitrobenzene-d5	8.53	82	1748021	99.43	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	778798	121.28	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2975363	93.14	ng	0.00
78) Terphenyl-d14	19.47	244	3639317	91.77	ng	0.00
Target Compounds						
10) Phenol	6.61	94	38575	2.35	ng	88
15) Benzyl Alcohol	7.70	79	29495	2.03	ng	# 41
49) Dimethylphthalate	13.52	163	127485	3.72	ng	96

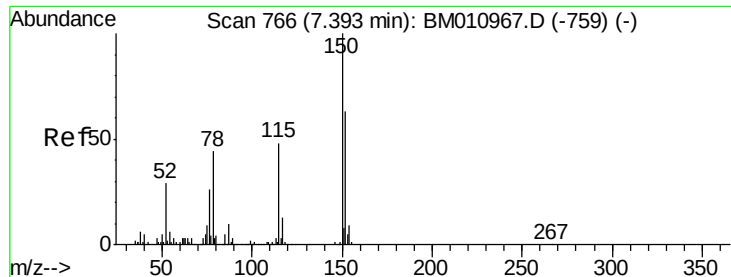
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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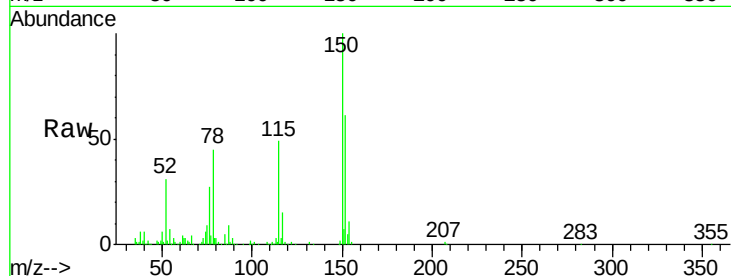


#1

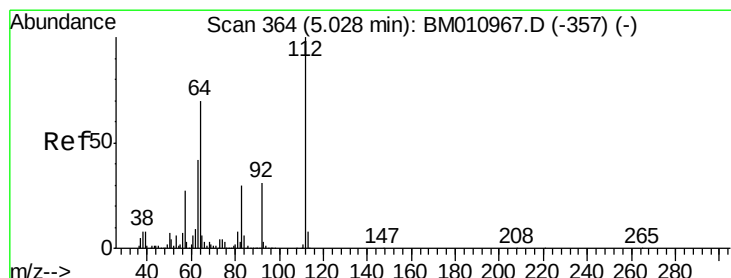
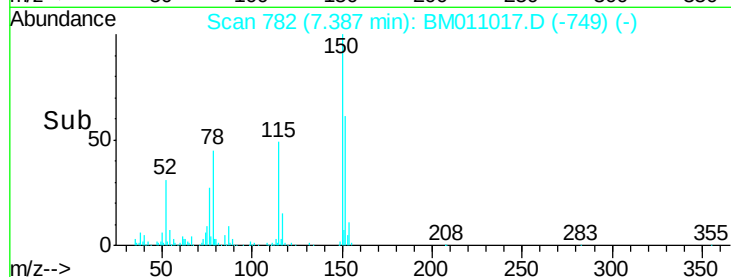
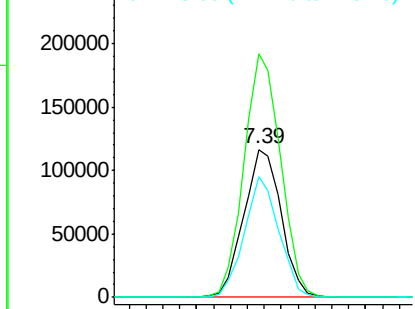
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011017.D
Acq: 27 Jul 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	119.5	179.3
115	81.5	43.0	64.4



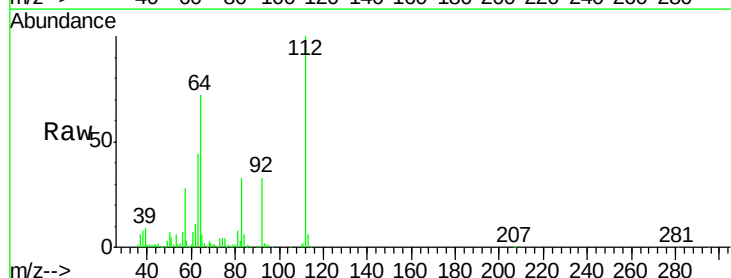
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



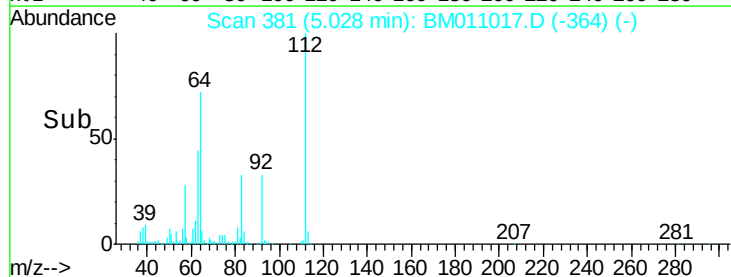
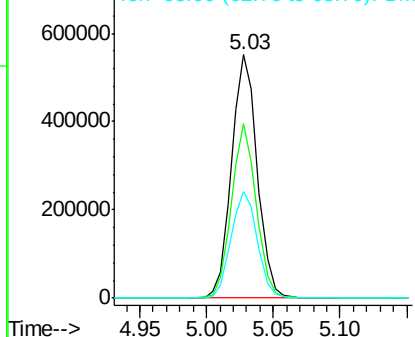
#5

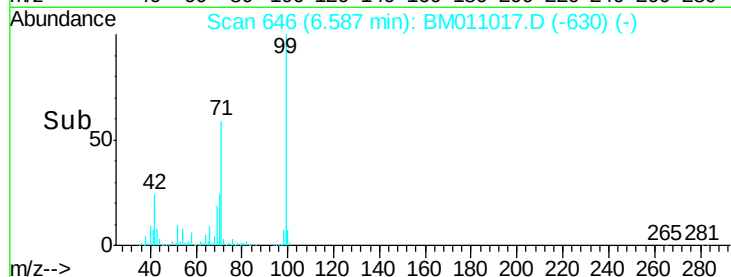
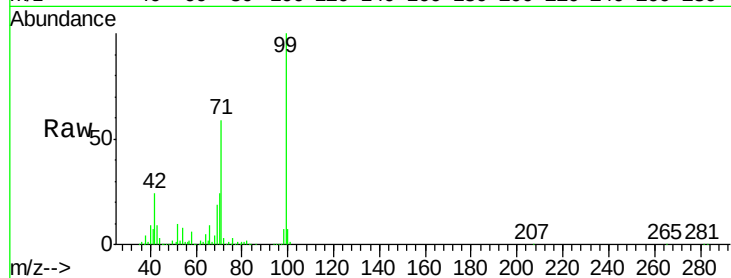
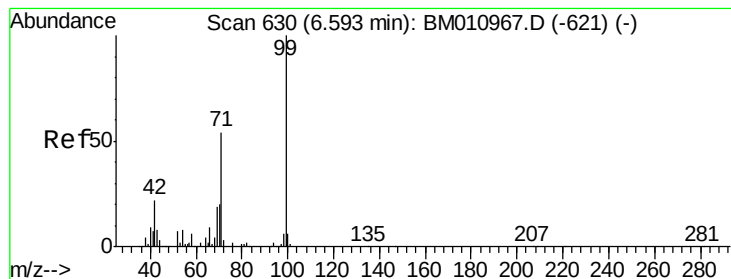
2-Fluorophenol
Concen: 69.81 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011017.D
Acq: 27 Jul 2017 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	38.6	57.8
63	43.9	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: 50.09 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

Instrument :

BNA_M

ClientSampleId :

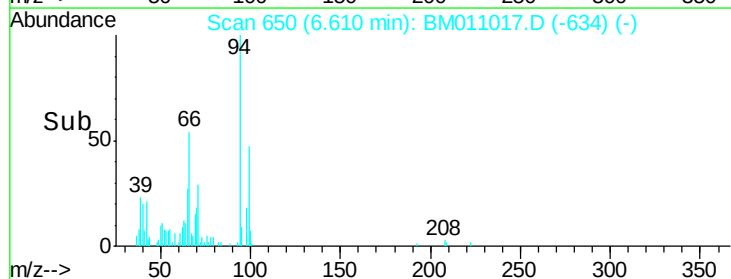
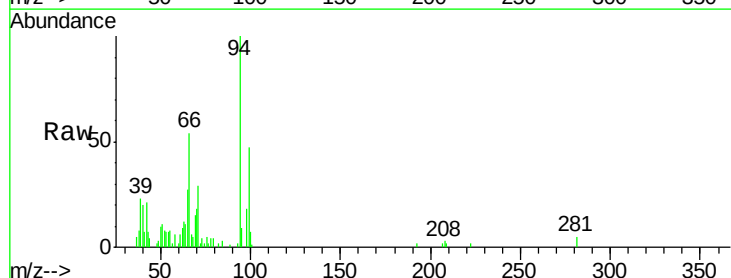
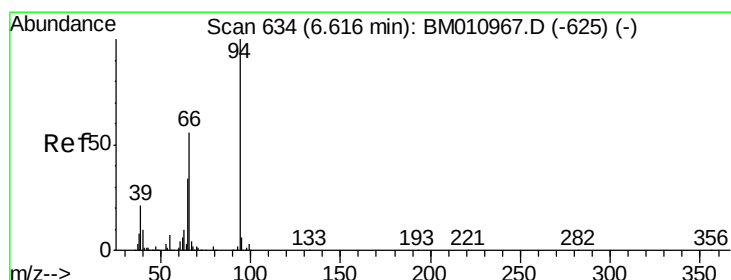
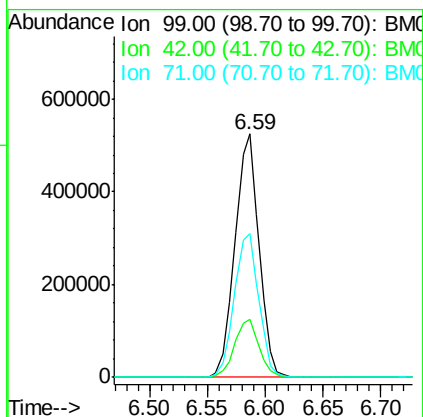
Tot Ion: 99 Resp: 757086

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

71 59.0 23.4 35.2#



#10

Phenol

Concen: 2.35 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

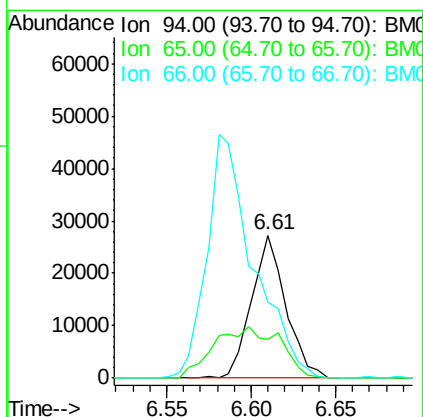
Tgt Ion: 94 Resp: 38575

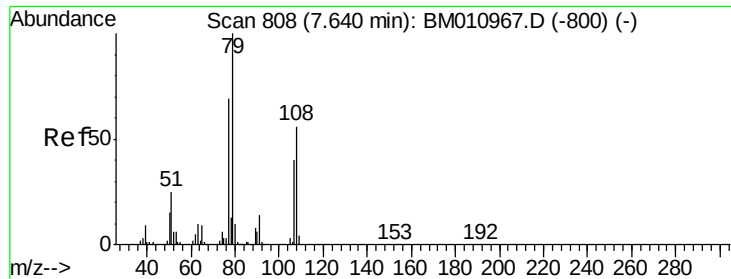
Ion Ratio Lower Upper

94 100

65 27.3 18.8 58.8

66 53.7 39.9 79.9





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.70 min Scan# 836

Delta R.T. 0.06 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

Instrument :

BNA_M

ClientSampleId :

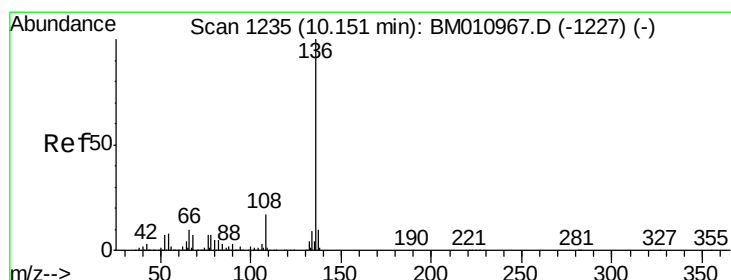
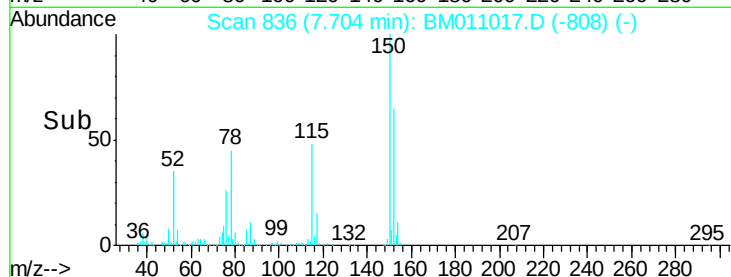
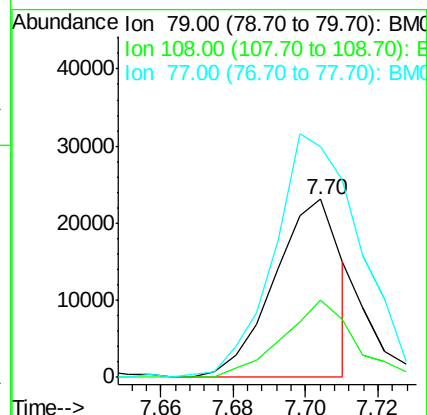
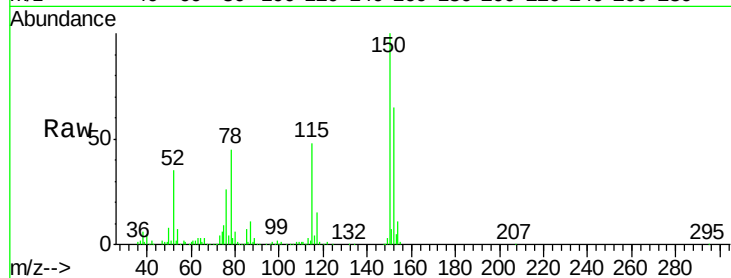
Tot Ion: 79 Resp: 29495

Ion Ratio Lower Upper

79 100

108 43.1 65.0 97.4#

77 129.5 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

Tgt Ion: 136 Resp: 659848

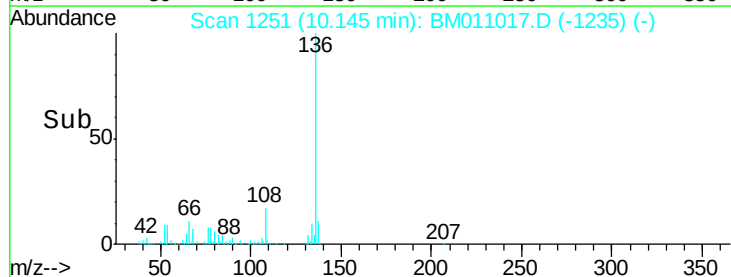
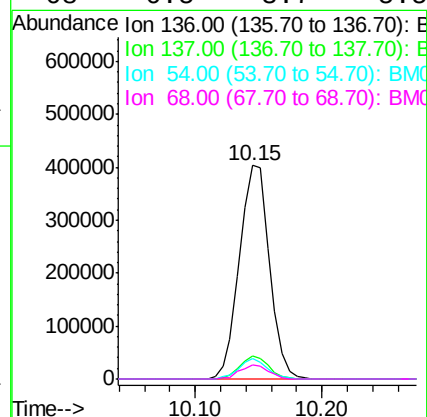
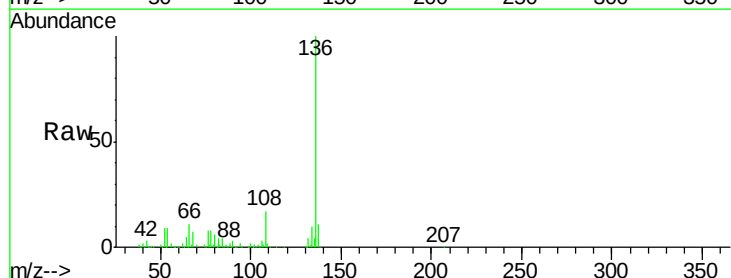
Ion Ratio Lower Upper

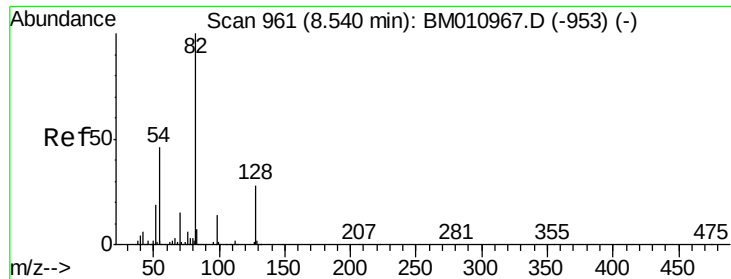
136 100

137 10.9 8.7 13.1

54 9.4 4.6 6.8#

68 6.5 3.7 5.5#

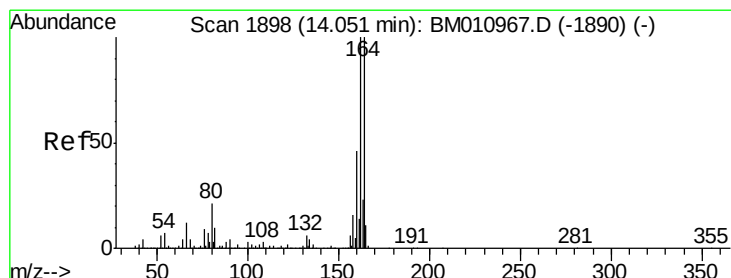
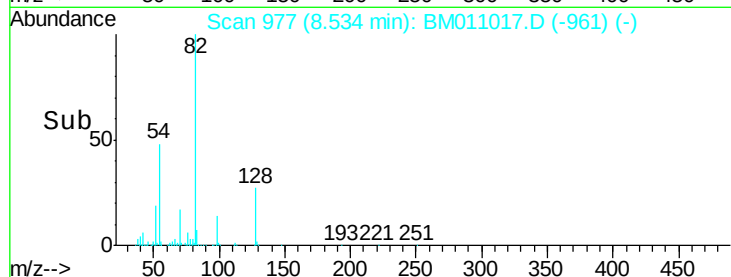
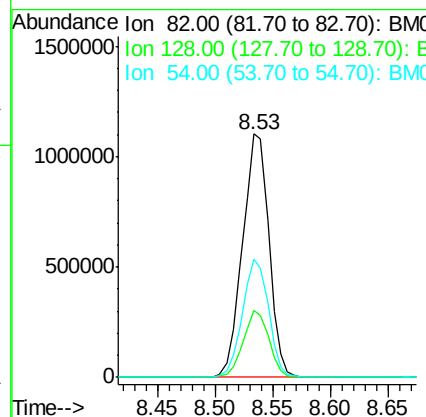
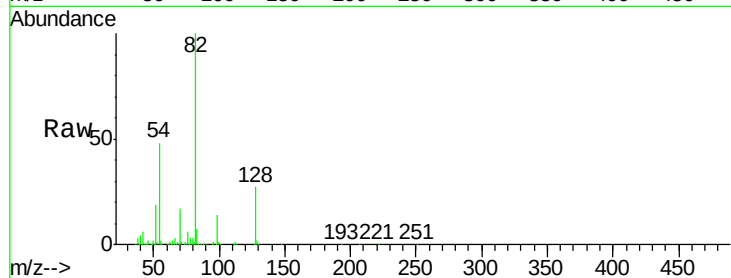




#23
Nitrobenzene-d5
Concen: 99.43 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011017.D
Acq: 27 Jul 2017 19:00

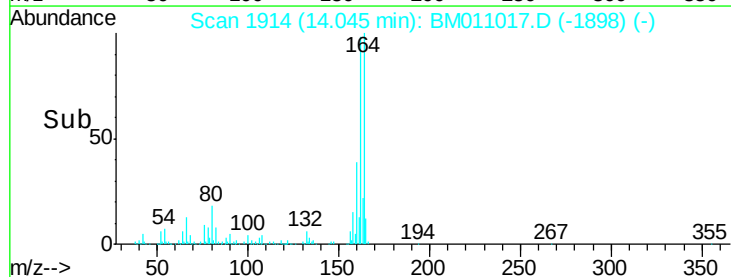
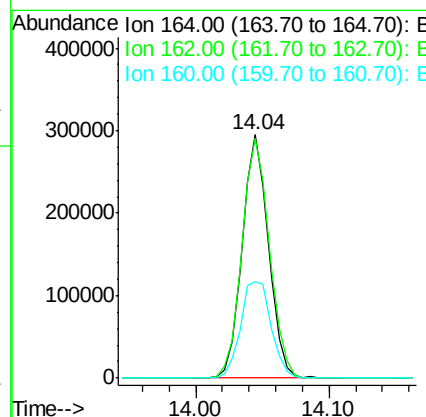
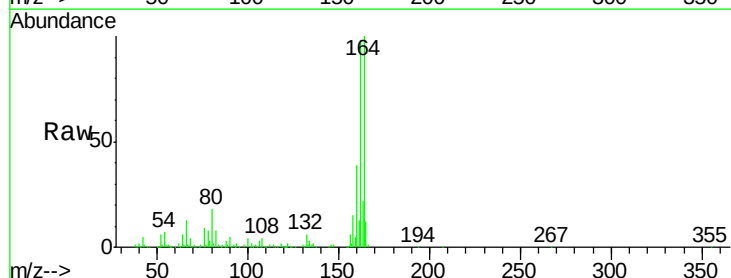
Instrument :
BNA_M
ClientSampled :

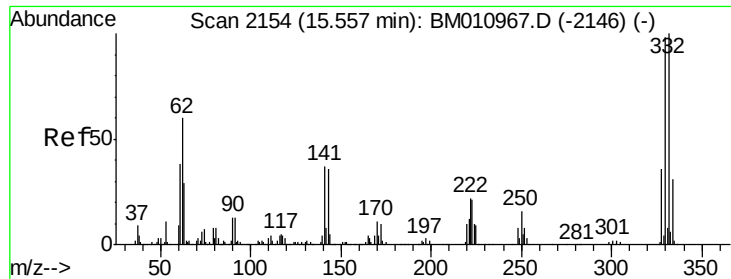
Tot Ion: 82 Resp: 1748021
Ion Ratio Lower Upper
82 100
128 27.4 32.8 49.2#
54 48.4 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.04 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM011017.D
Acq: 27 Jul 2017 19:00

Tgt Ion:164 Resp: 400633
Ion Ratio Lower Upper
164 100
162 98.5 82.4 123.6
160 39.4 35.8 53.6

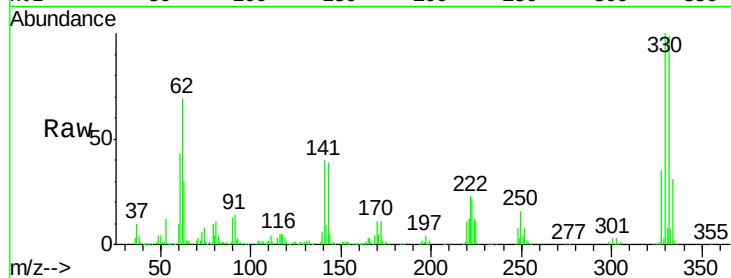




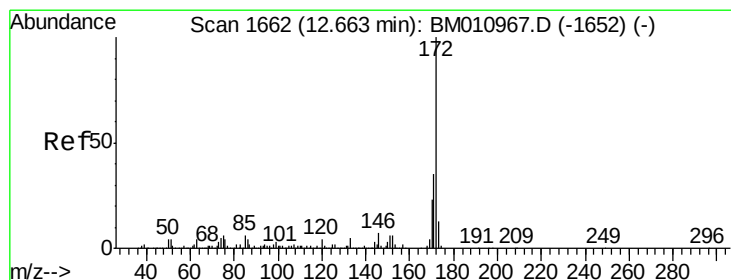
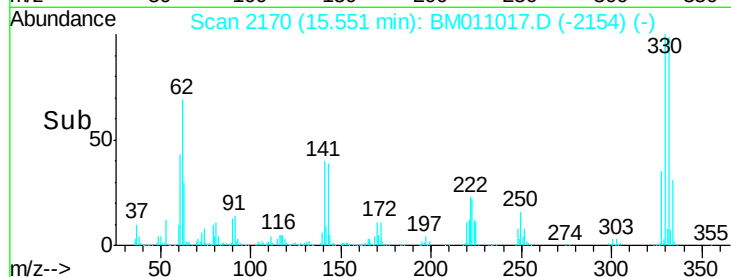
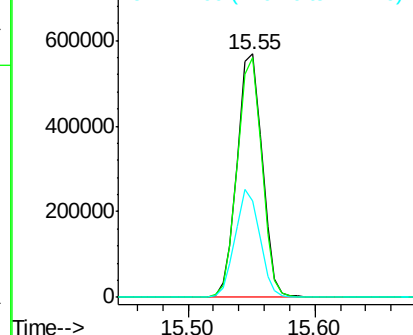
#41
 2,4,6-Tribromophenol
 Concen: 121.28 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011017.D
 Acq: 27 Jul 2017 19:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	43.4	0.0	0.0#

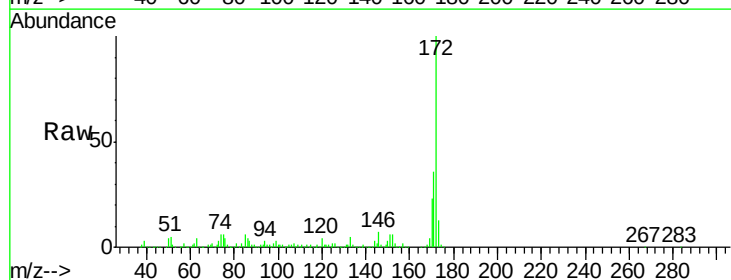


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

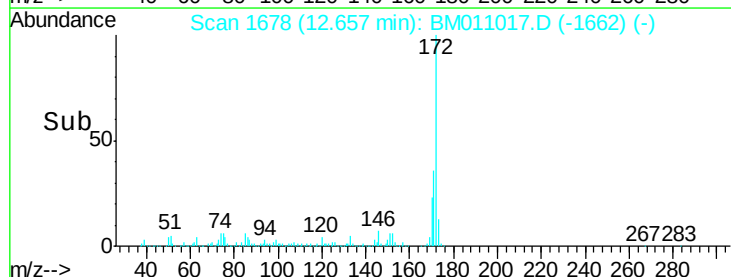
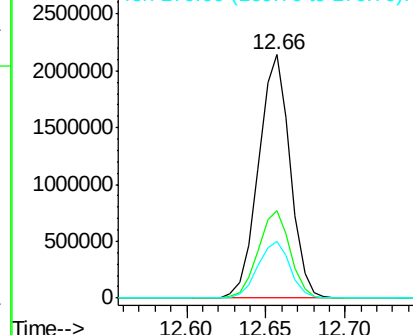


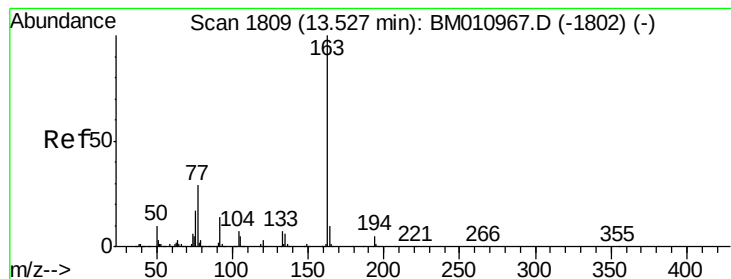
#44
 2-Fluorobiphenyl
 Concen: 93.14 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011017.D
 Acq: 27 Jul 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.4	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





#49

Dimethylphthalate

Concen: 3.72 ng

RT: 13.52 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

Instrument :

BNA_M

ClientSampled :

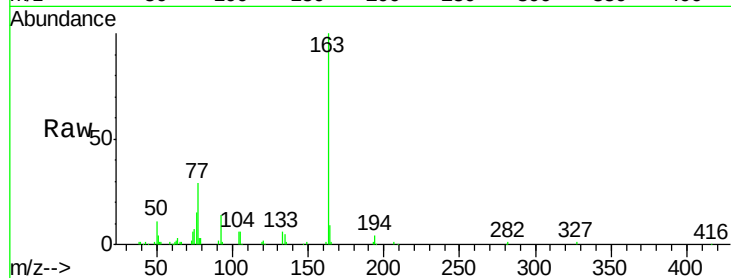
Tot Ion:163 Resp: 127485

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

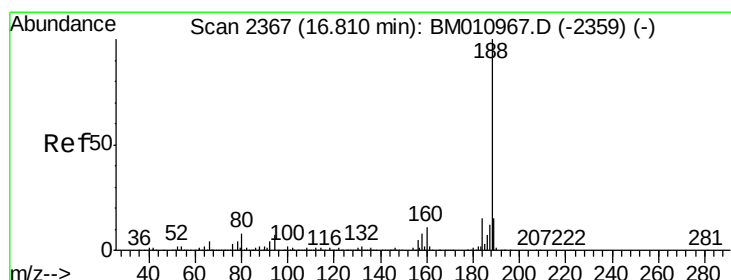
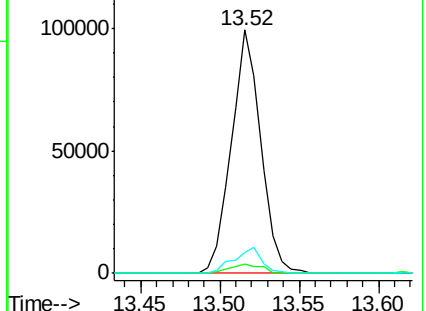
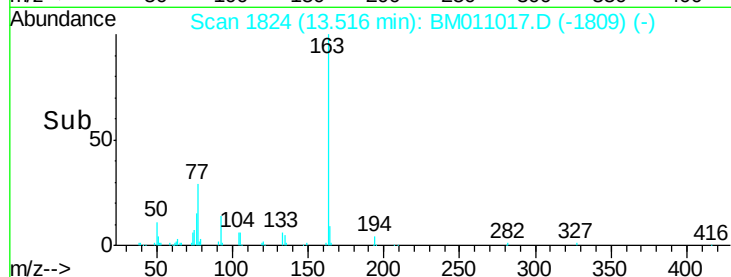
164 8.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

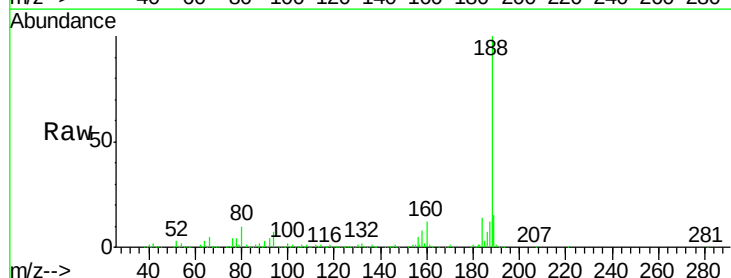
Tgt Ion:188 Resp: 850915

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

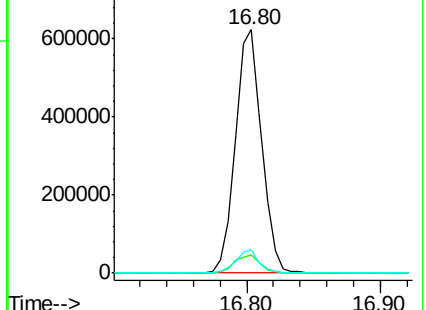
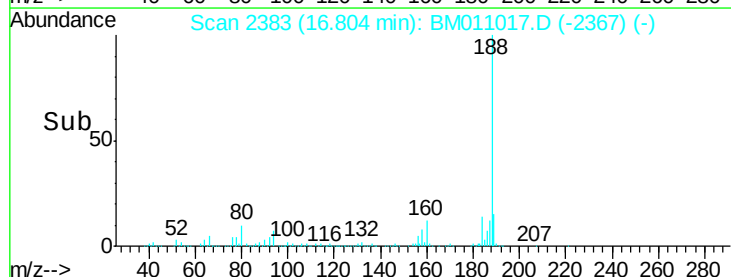
80 9.8 9.3 13.9

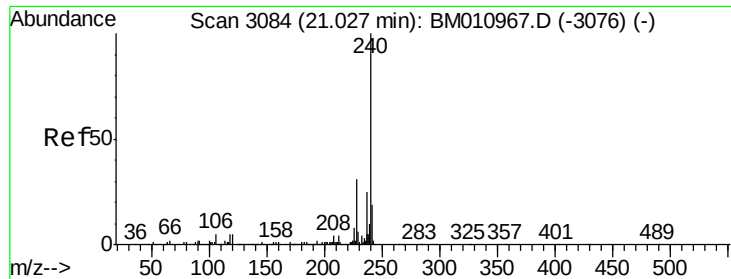


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

Instrument :

BNA_M

ClientSampleId :

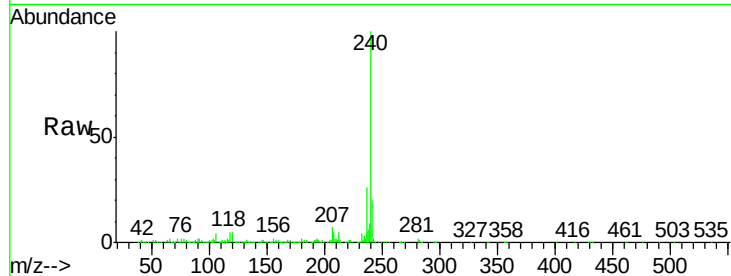
Tot Ion:240 Resp: 785556

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

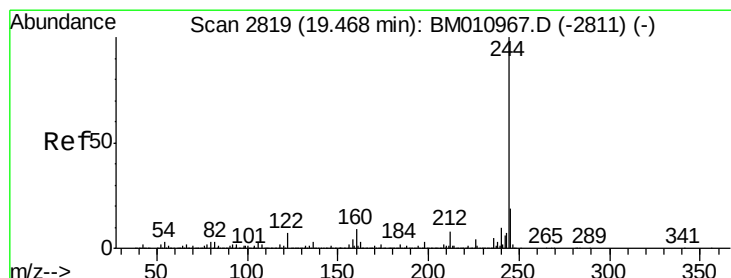
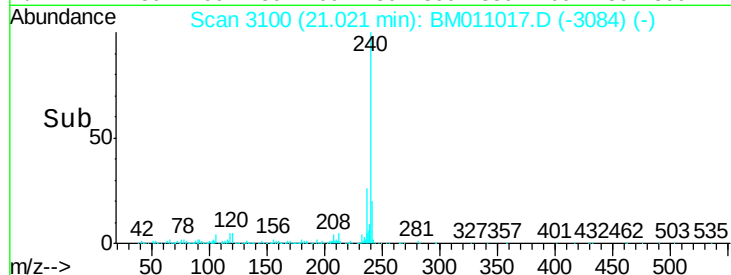
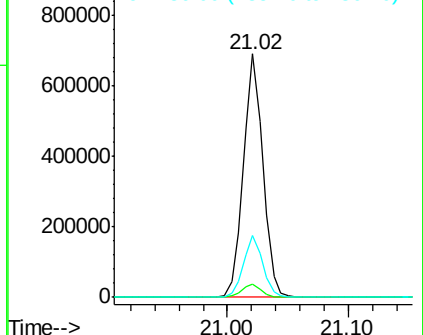
236 25.6 20.0 30.0



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: 91.77 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011017.D

Acq: 27 Jul 2017 19:00

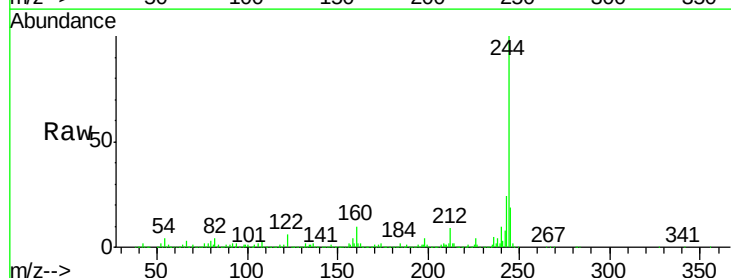
Tgt Ion:244 Resp: 3639317

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

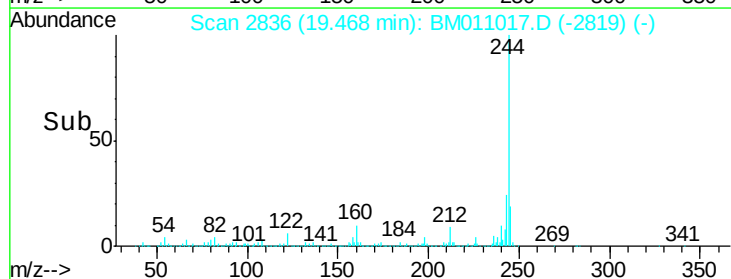
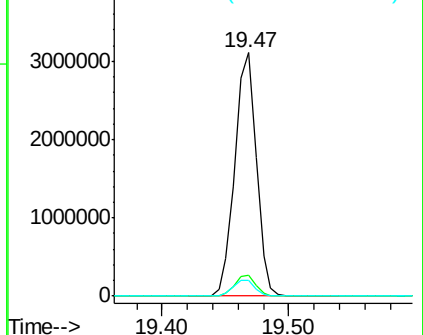
122 6.4 6.2 9.4

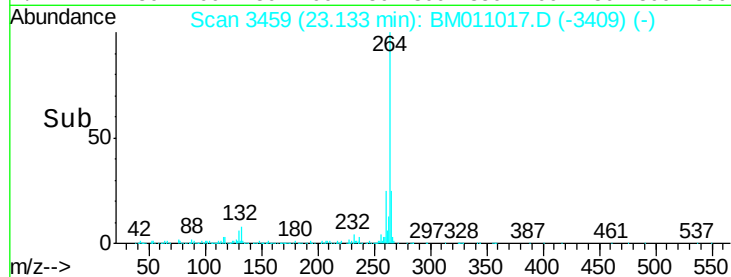
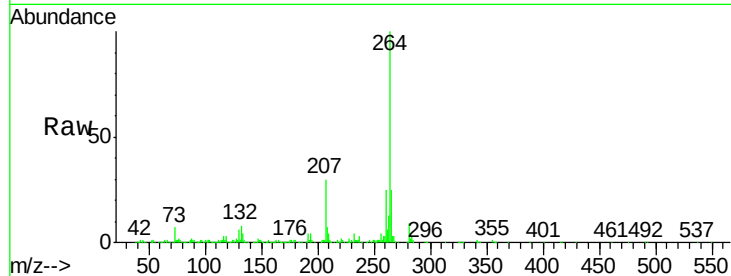
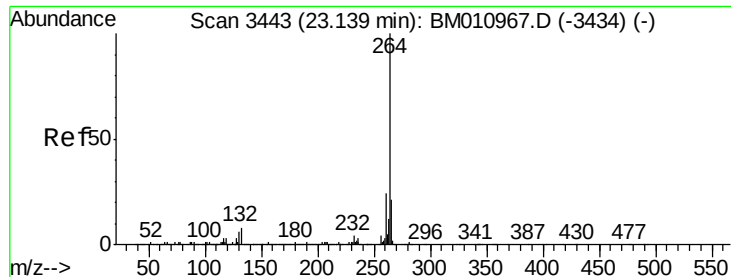


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.13 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM011017.D
Acq: 27 Jul 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	27.8
265	24.7	17.3	25.9

