

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011085.D
 Acq On : 01 Aug 2017 16:50
 Operator : SJ/JU
 Sample : I4497-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4

Quant Time: Aug 02 01:05:23 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

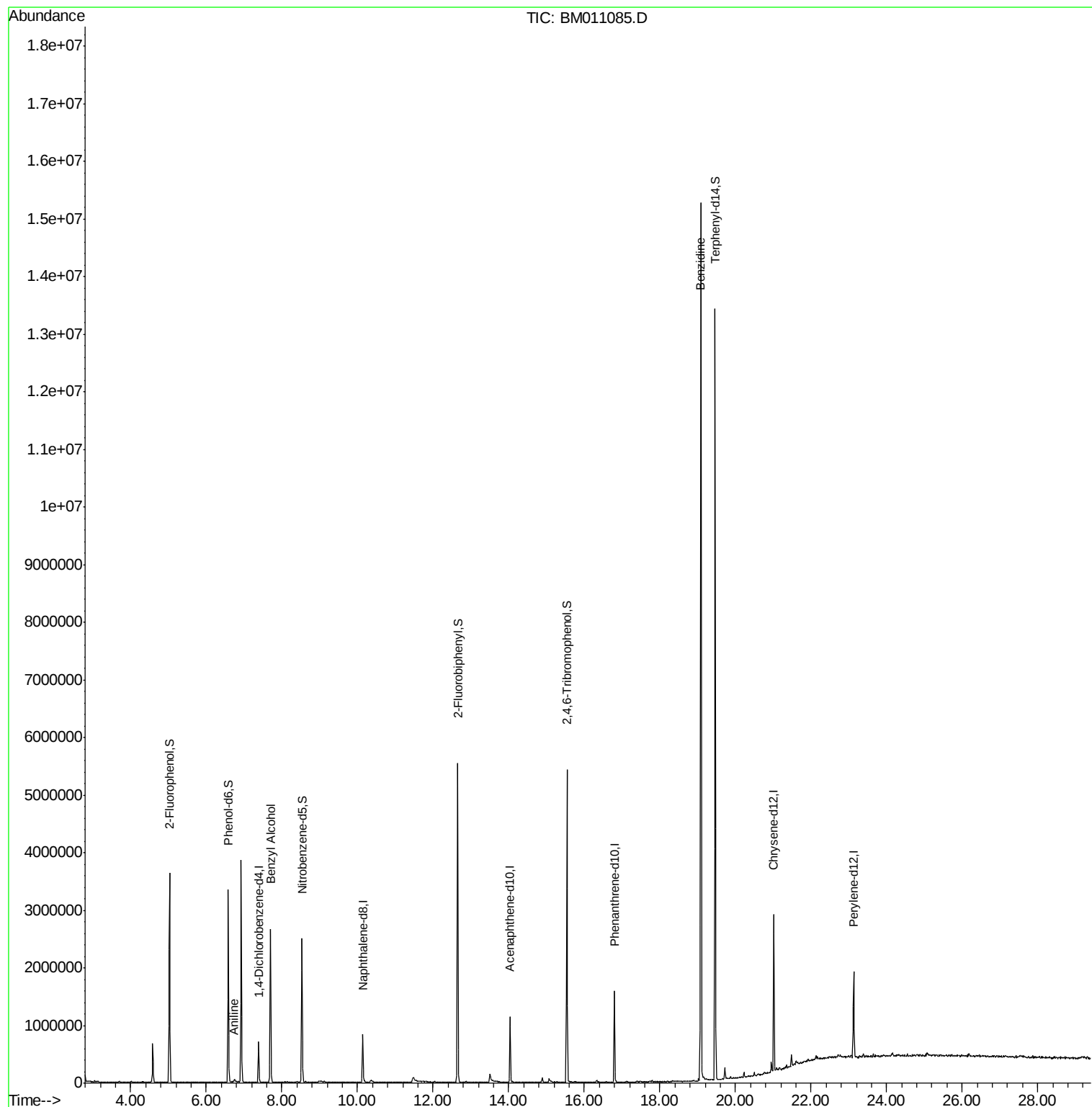
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	133323	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	480450	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	303226	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	786915	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1222368	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1032480	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1025846	130.07	ng	0.00
7) Phenol-d6	6.58	99	1323786	118.13	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1346658	105.20	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	692901	142.57	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2320715	95.98	ng	-0.01
78) Terphenyl-d14	19.46	244	4764724	77.21	ng	0.00
Target Compounds						
6) Aniline	6.75	93	33779	2.39	ng	Qvalue 96
15) Benzyl Alcohol	7.70	79	25585	2.38	ng	# 44
76) Benzidine	19.09	184	7511895	256.88	ng	98

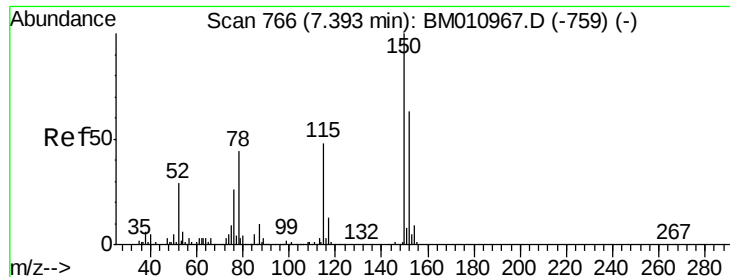
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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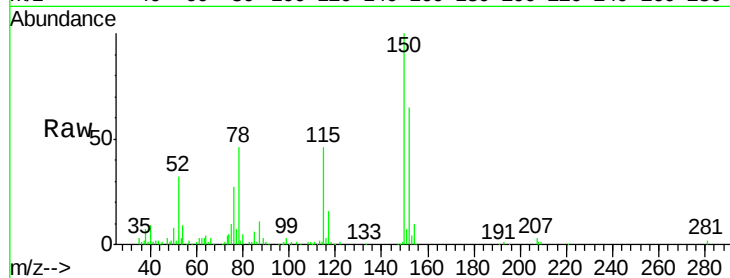


#1

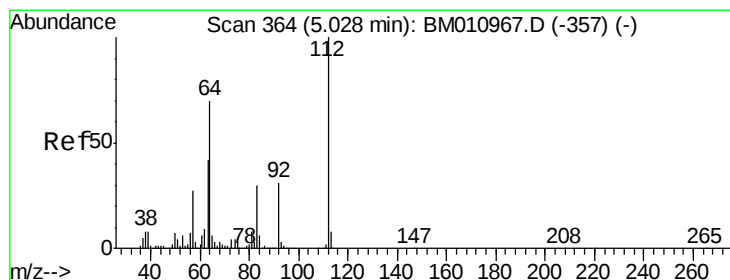
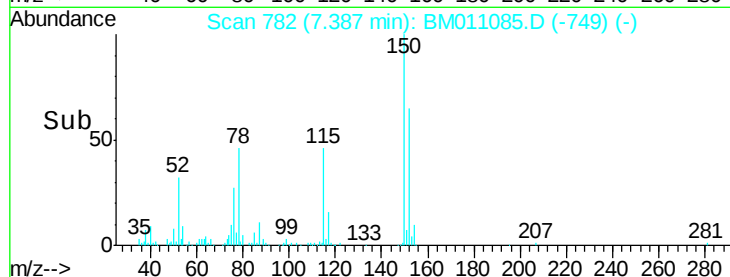
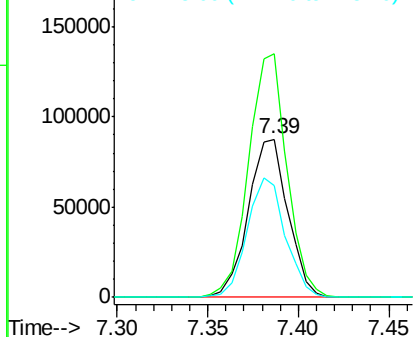
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Instrument :
BNA_M
ClientSampleId :
TP-3-4

Tot Ion:152 Resp: 133323
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 70.4 43.0 64.4#



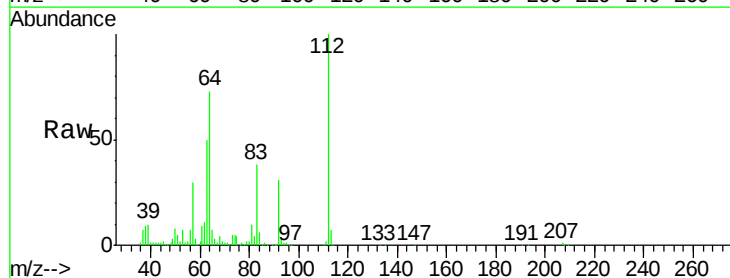
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



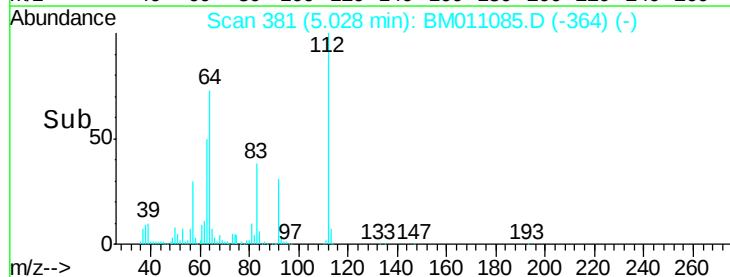
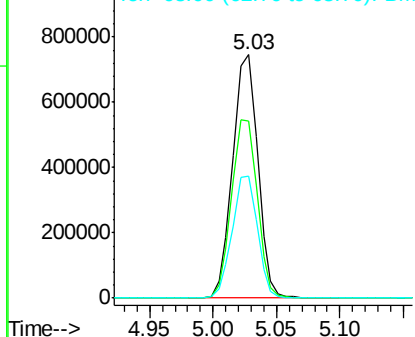
#5

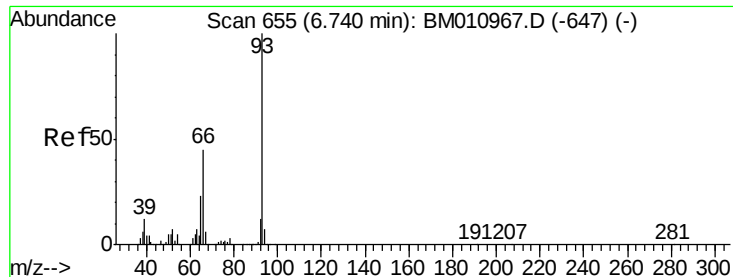
2-Fluorophenol
Concen: 130.07 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion:112 Resp: 1025846
Ion Ratio Lower Upper
112 100
64 72.6 38.6 57.8#
63 50.1 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





#6

Aniline

Concen: 2.39 ng

RT: 6.75 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Instrument :

BNA_M

ClientSampleId :

TP-3-4

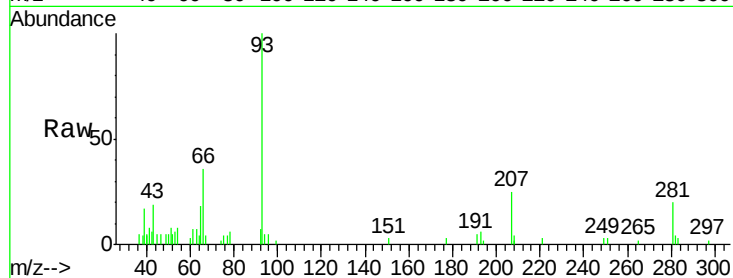
Tot Ion: 93 Resp: 33779

Ion Ratio Lower Upper

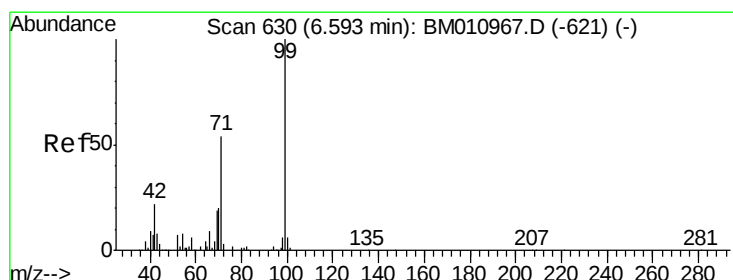
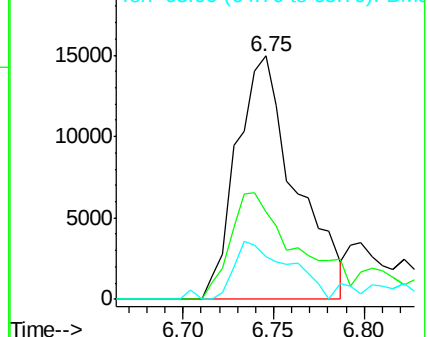
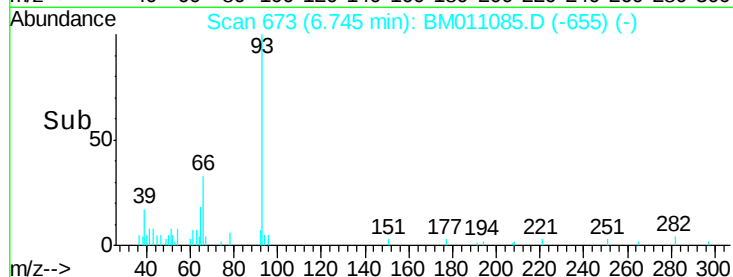
93 100

66 36.0 30.8 46.2

65 17.7 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BM011085.D (-655) (-)



#7

Phenol-d6

Concen: 118.13 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

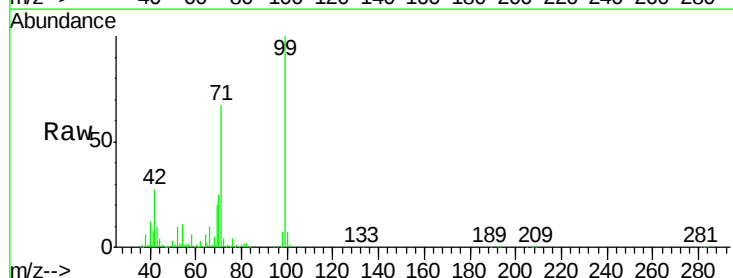
Tgt Ion: 99 Resp: 1323786

Ion Ratio Lower Upper

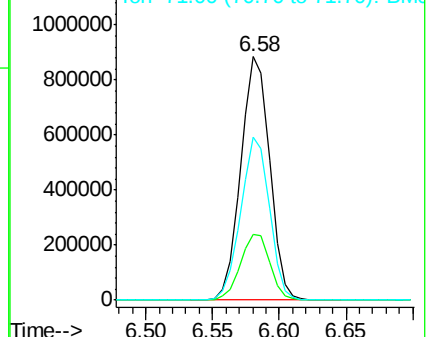
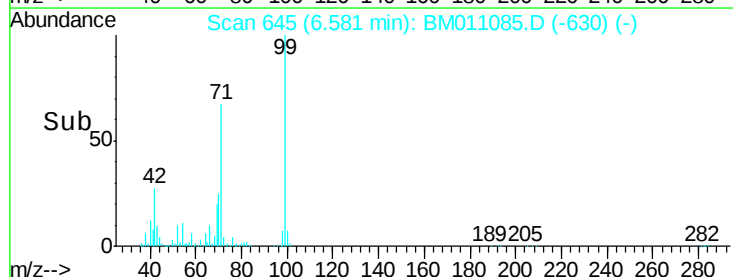
99 100

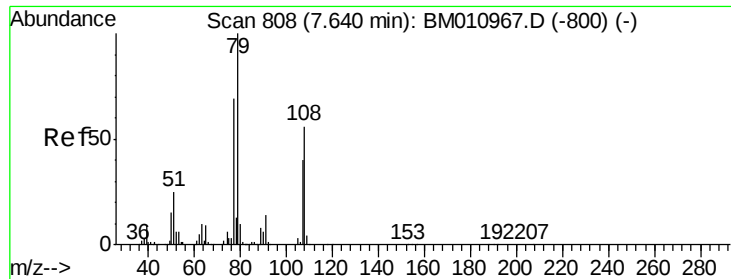
42 26.8 11.0 16.4#

71 67.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011085.D (-630) (-)





#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Instrument :

BNA_M

ClientSampleId :

TP-3-4

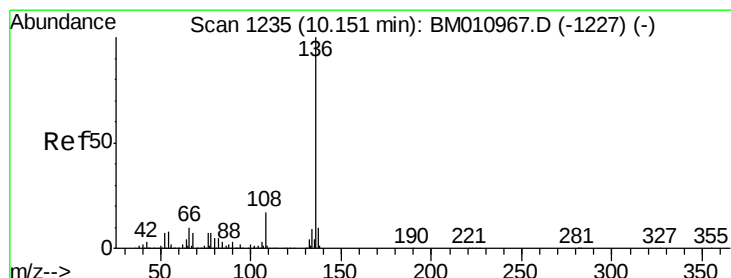
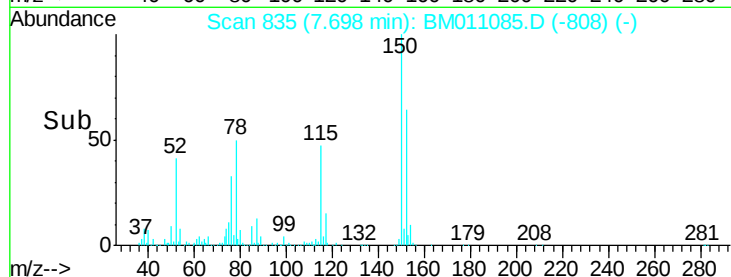
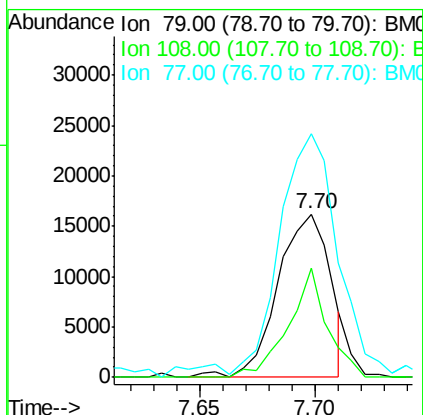
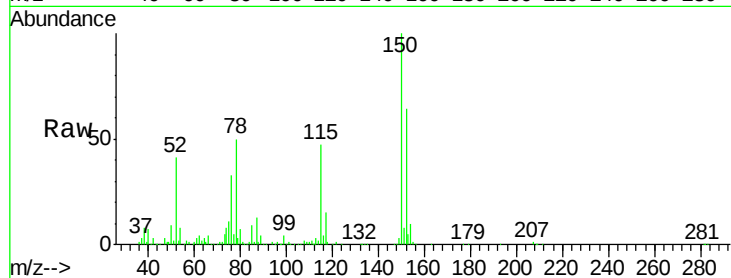
Tot Ion: 79 Resp: 25585

Ion Ratio Lower Upper

79 100

108 67.1 65.0 97.4

77 149.4 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Tgt Ion: 136 Resp: 480450

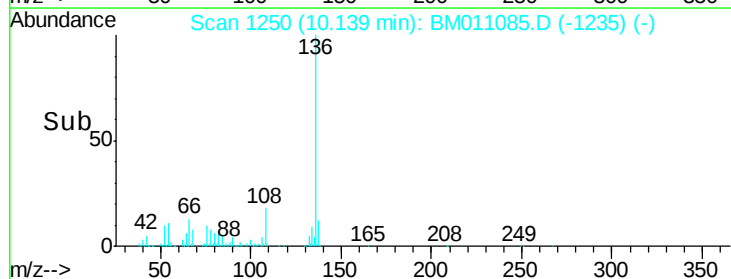
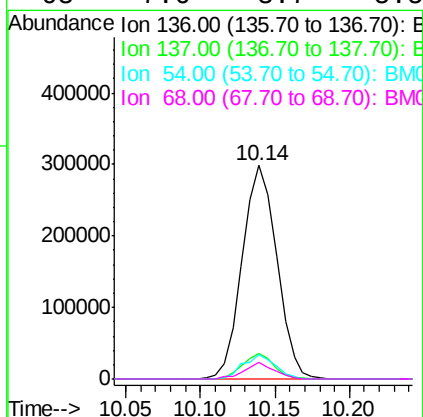
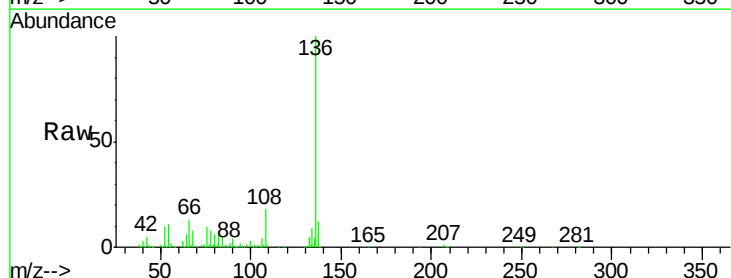
Ion Ratio Lower Upper

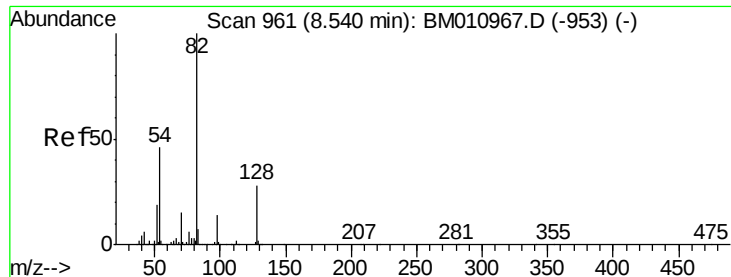
136 100

137 12.1 8.7 13.1

54 11.2 4.6 6.8#

68 7.6 3.7 5.5#



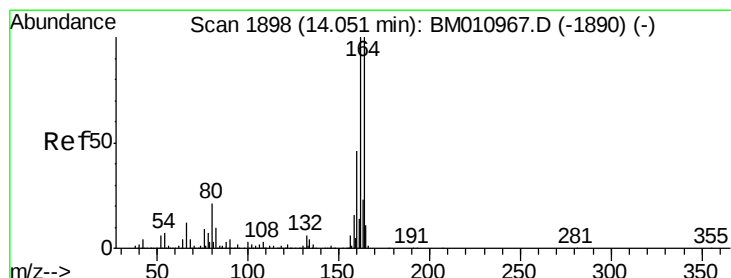
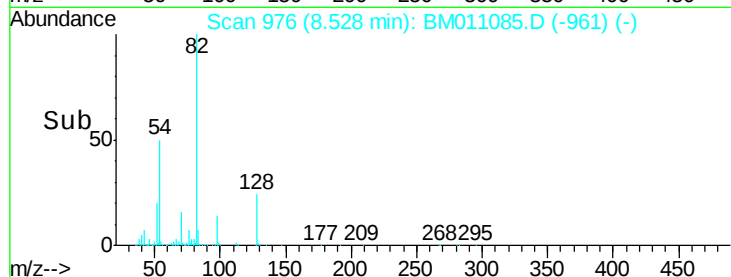
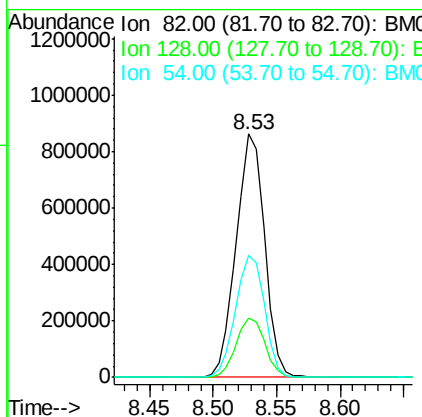
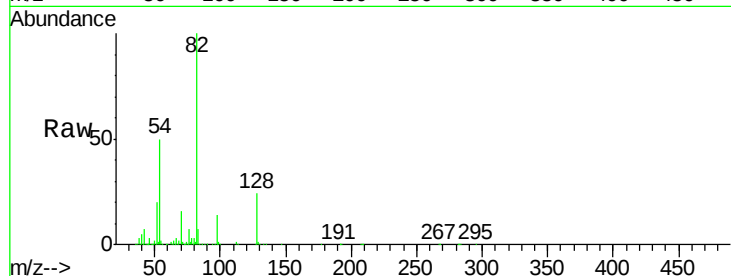


#23
 Nitrobenzene-d5
 Concen: 105.20 ng
 RT: 8.53 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM011085.D
 Acq: 01 Aug 2017 16:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-4

Tot Ion: 82 Resp: 1346658

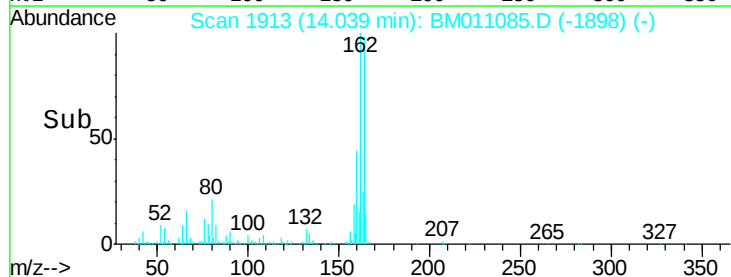
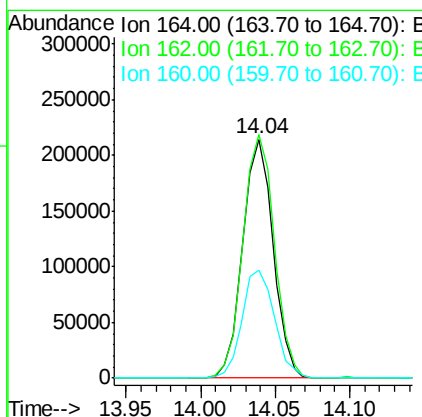
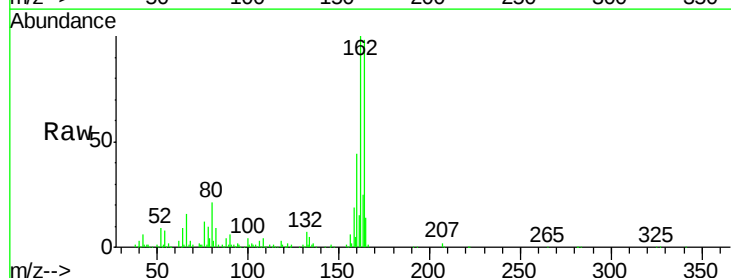
Ion	Ratio	Lower	Upper
82	100		
128	24.1	32.8	49.2#
54	49.9	40.6	60.8

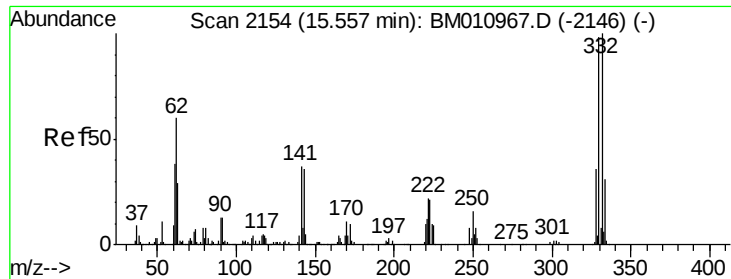


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011085.D
 Acq: 01 Aug 2017 16:50

Tgt Ion: 164 Resp: 303226

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	45.2	35.8	53.6

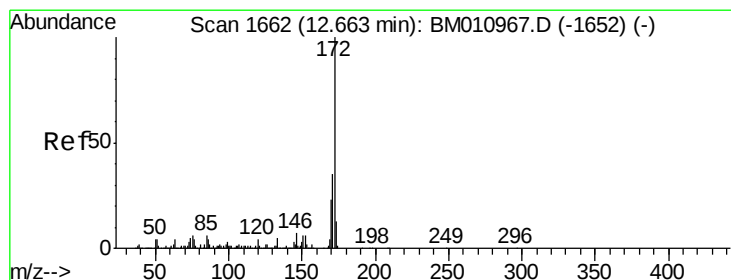
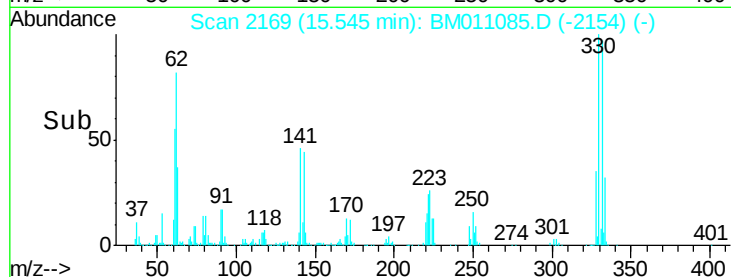
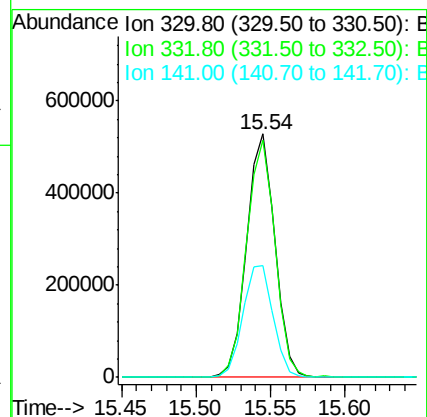
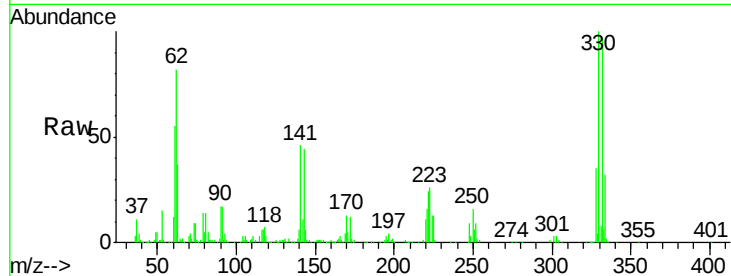




#41
2,4,6-Tribromophenol
Concen: 142.57 ng
RT: 15.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

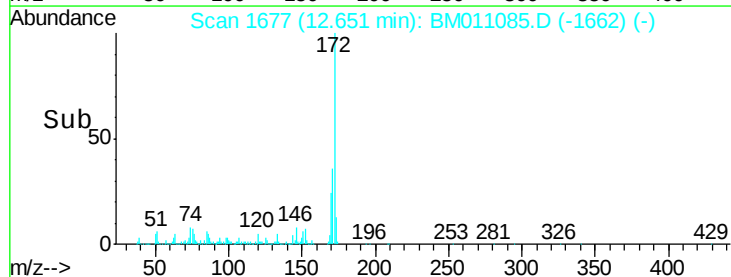
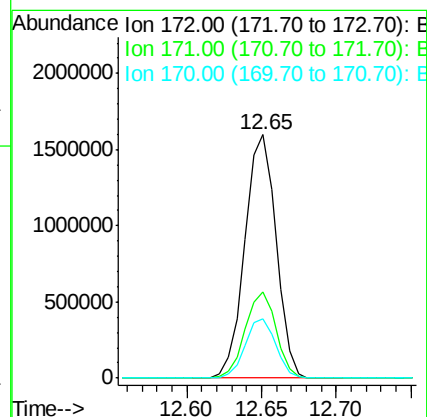
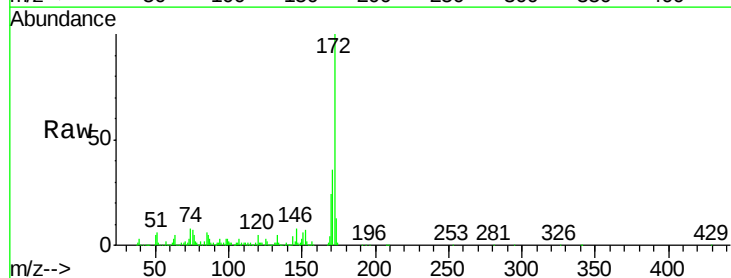
Instrument :
BNA_M
ClientSampleId :
TP-3-4

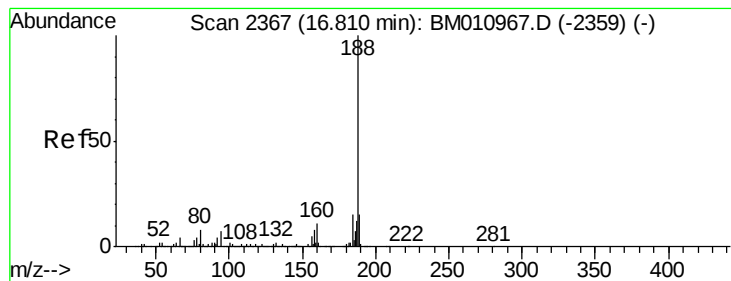
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	49.0	0.0	0.0#



#44
2-Fluorobiphenyl
Concen: 95.98 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011085.D
Acq: 01 Aug 2017 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.3	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Instrument :

BNA_M

ClientSampleId :

TP-3-4

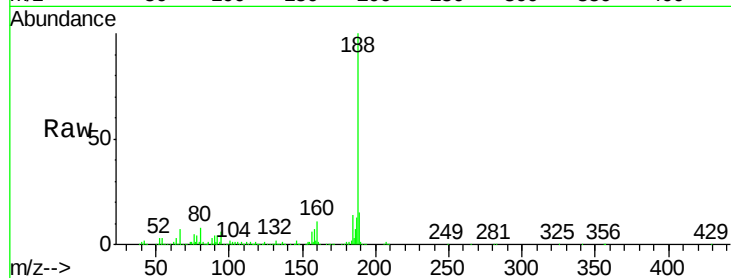
Tot Ion:188 Resp: 786915

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

80 8.2 9.3 13.9#



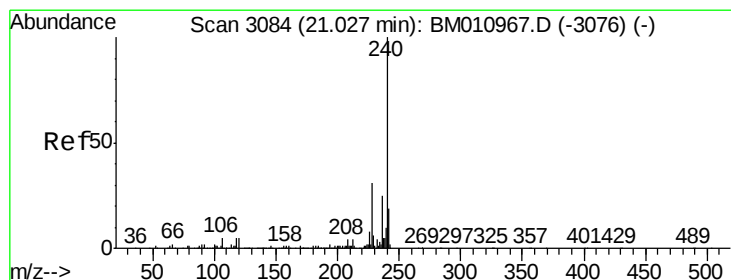
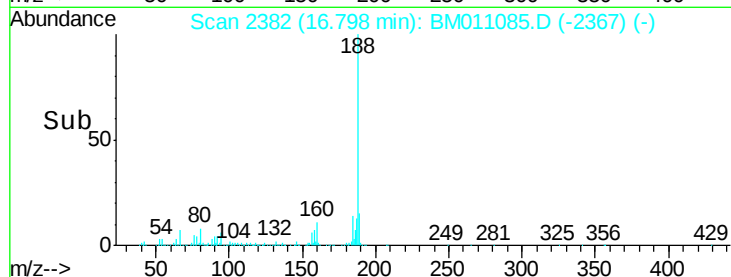
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.80

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.02 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

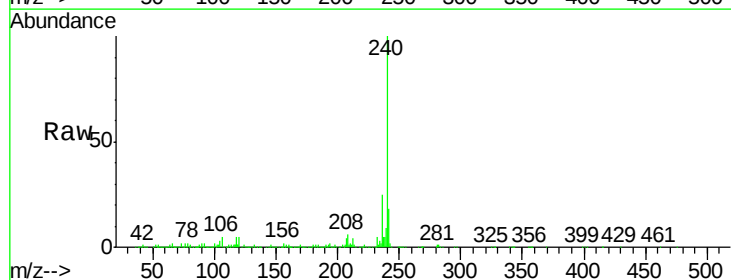
Tgt Ion:240 Resp: 1222368

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

236 24.8 20.0 30.0



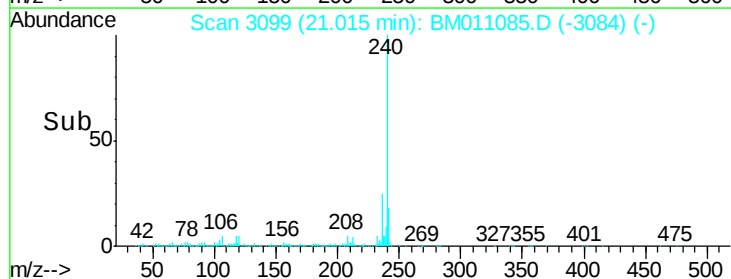
Abundance Ion 240.00 (239.70 to 240.70): E

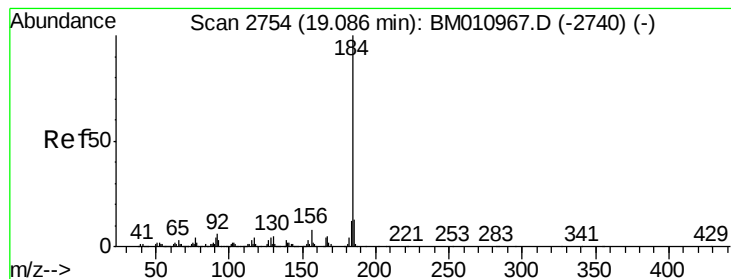
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.02

Time-->





#76

Benzidine

Concen: 256.88 ng

RT: 19.09 min Scan# 2772

Delta R.T. 0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Instrument :

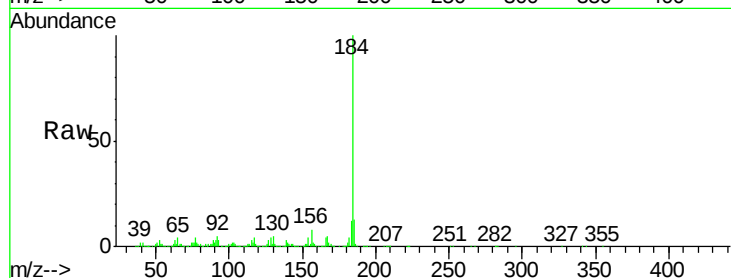
BNA_M

ClientSampleId :

TP-3-4

Tot Ion:184 Resp: 7511895

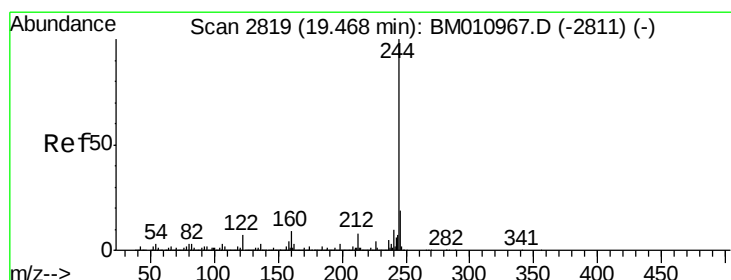
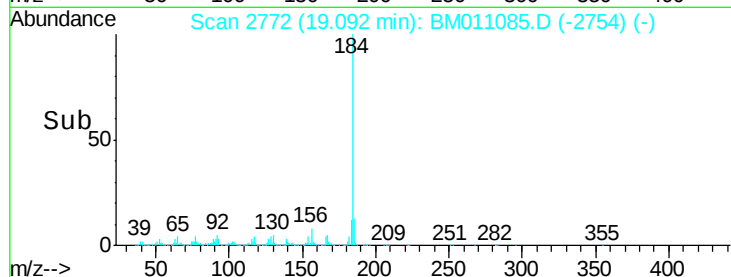
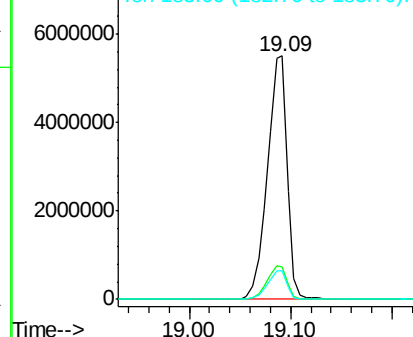
Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.3	16.9
183	11.6	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 77.21 ng

RT: 19.46 min Scan# 2835

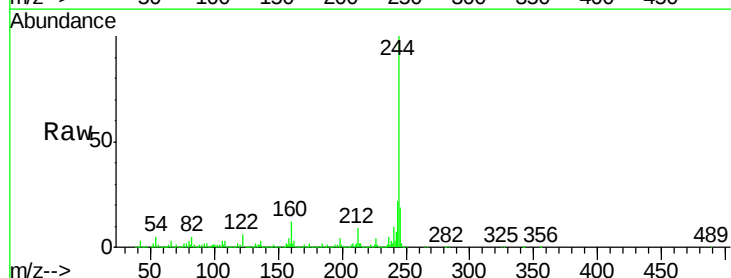
Delta R.T. -0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Tgt Ion:244 Resp: 4764724

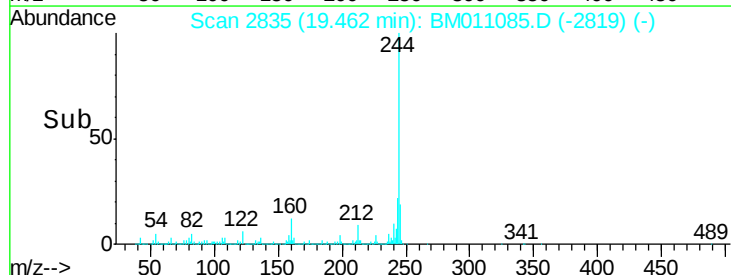
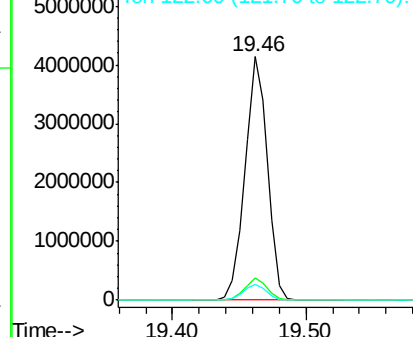
Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.5	6.2	9.4

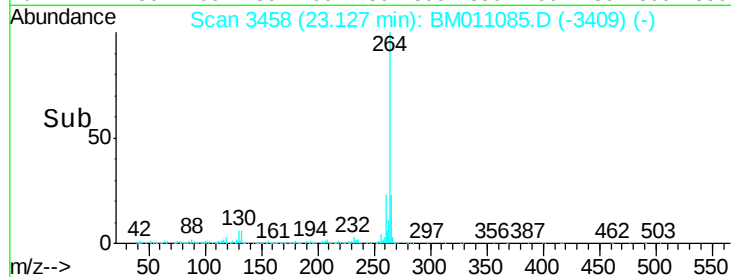
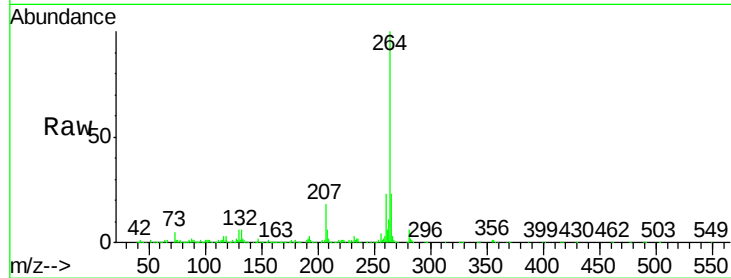
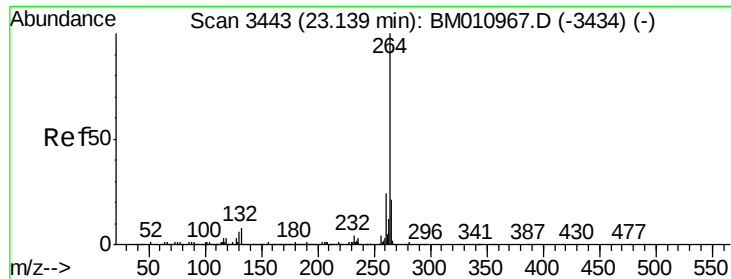


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3458

Delta R.T. -0.01 min

Lab File: BM011085.D

Acq: 01 Aug 2017 16:50

Instrument :

BNA_M

ClientSampleId :

TP-3-4

Tot Ion:264 Resp: 1032480

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	23.3	17.3	25.9

