

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010011.D
 Acq On : 12 May 2017 07:05
 Operator : SJ/MA
 Sample : I3079-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW009-170509

Quant Time: May 12 08:14:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

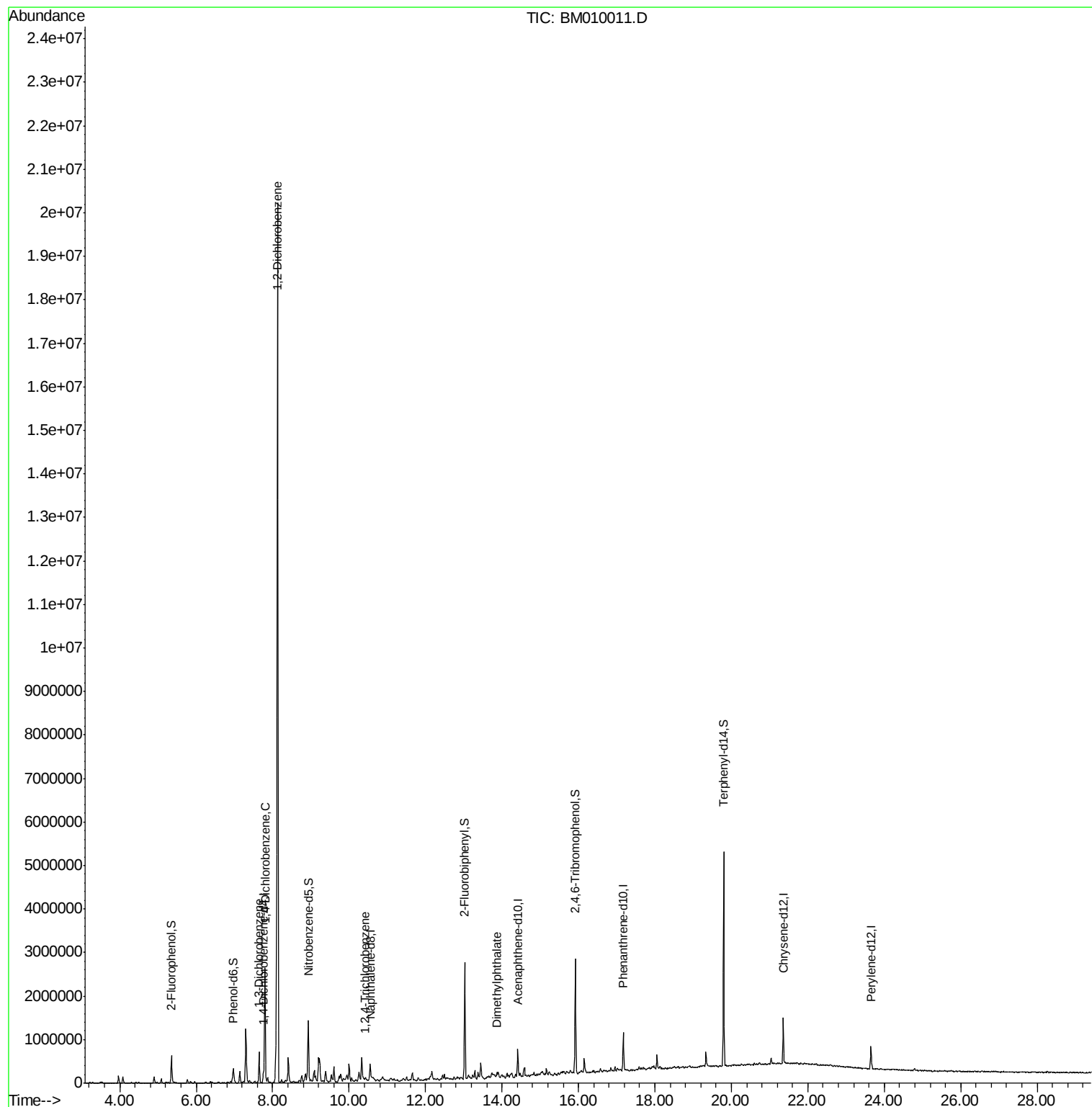
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60257	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	262587	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	175814	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	447109	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	485129	20.00	ng	-0.03
86) Perylene-d12	23.65	264	371797	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	229701	59.65	ng	-0.02
7) Phenol-d6	6.97	99	227060	36.80	ng	0.00
23) Nitrobenzene-d5	8.93	82	651456	90.67	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	394852	164.10	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1176263	89.47	ng	-0.02
78) Terphenyl-d14	19.80	244	1835647	79.75	ng	-0.02
Target Compounds						
12) 1,3-Dichlorobenzene	7.65	146	203707	43.65	ng	# 83
13) 1,4-Dichlorobenzene	7.80	146	827721	173.10	ng	# 94
14) 1,2-Dichlorobenzene	8.13	146	7441885	1605.20	ng	# 93
30) 1,2,4-Trichlorobenzene	10.42	180	11201	2.29	ng	89
49) Dimethylphthalate	13.87	163	49231	3.18	ng	# 96

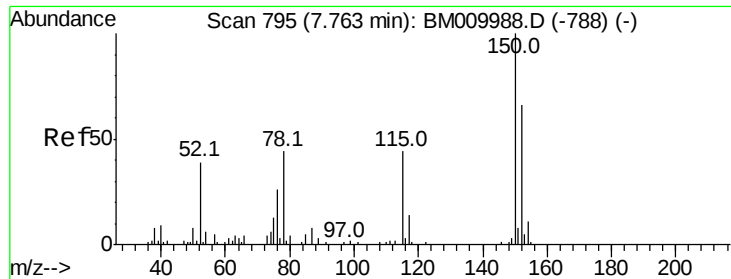
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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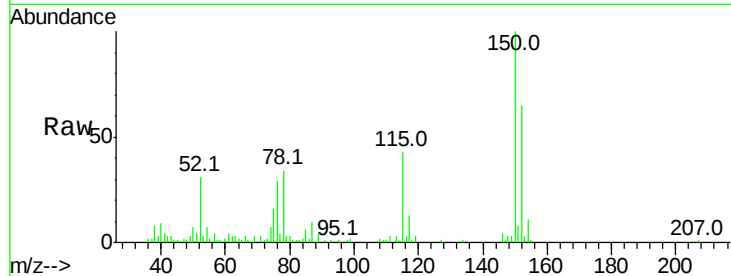


#1

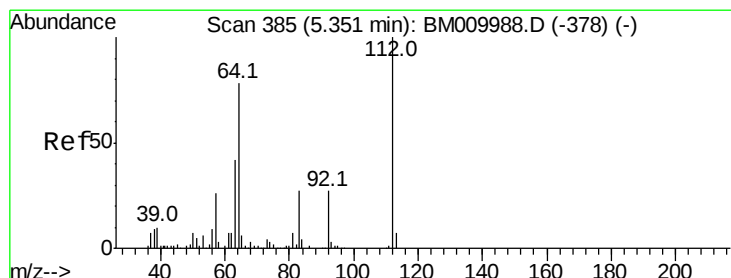
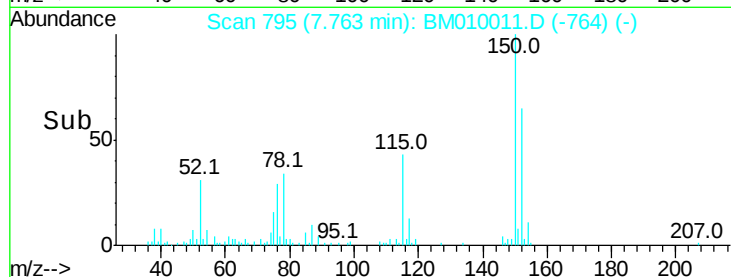
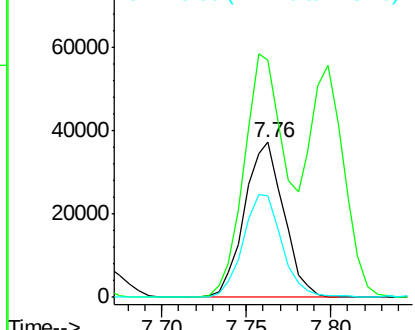
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010011.D
Acq: 12 May 2017 07:05

Instrument :
BNA_M
ClientSampleId :
SS043MW009-170509

Tot Ion:152 Resp: 60257
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 65.5 43.0 64.4#



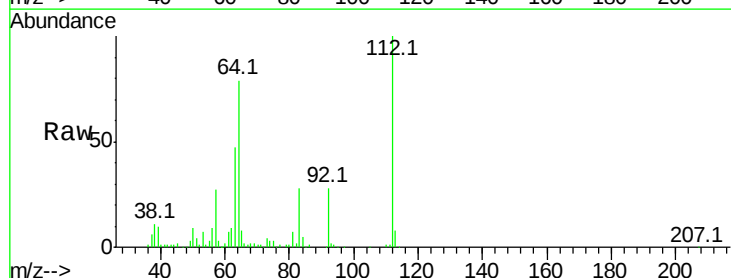
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



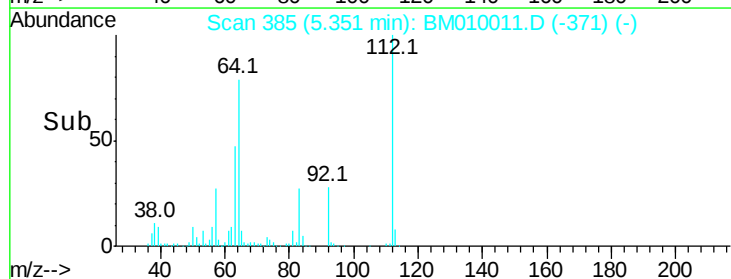
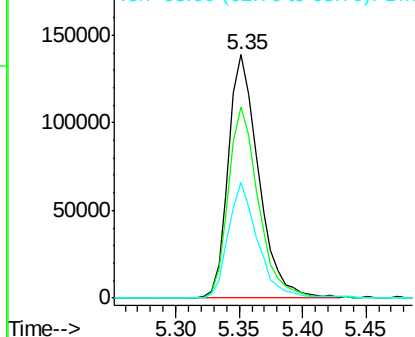
#5

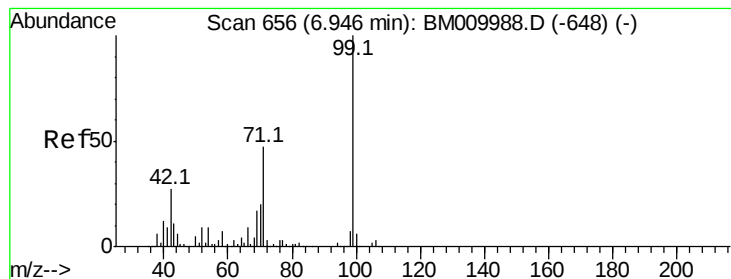
2-Fluorophenol
Concen: 59.65 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010011.D
Acq: 12 May 2017 07:05

Tgt Ion:112 Resp: 229701
Ion Ratio Lower Upper
112 100
64 78.6 38.6 57.8#
63 47.4 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: 36.80 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM010011.D

Acq: 12 May 2017 07:05

Instrument :

BNA_M

ClientSampleId :

SS043MW009-170509

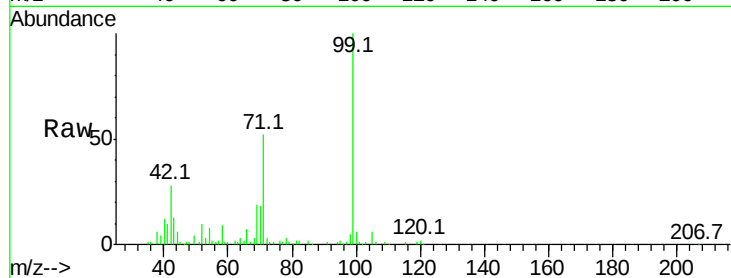
Tot Ion: 99 Resp: 227060

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

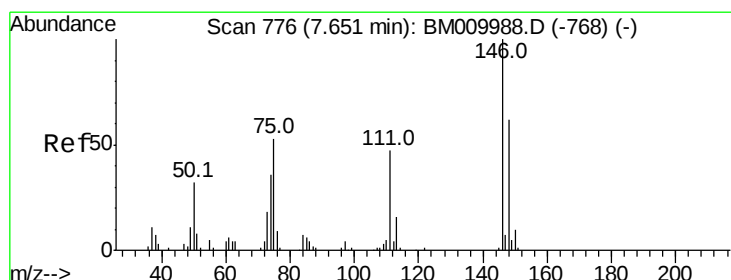
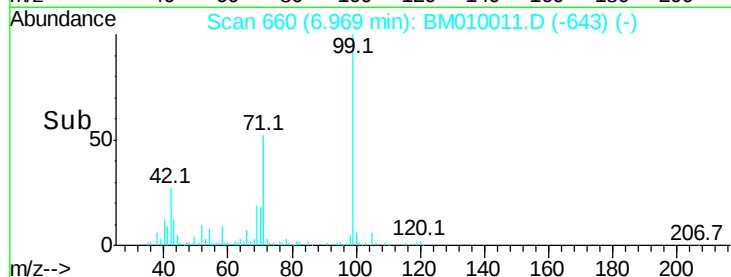
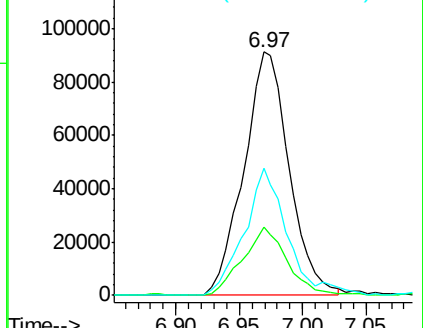
71 52.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010011.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM010011.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM010011.D (-643) (-)



#12

1,3-Dichlorobenzene

Concen: 43.65 ng

RT: 7.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BM010011.D

Acq: 12 May 2017 07:05

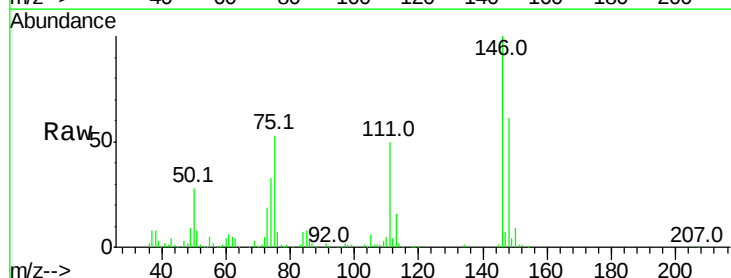
Tgt Ion: 146 Resp: 203707

Ion Ratio Lower Upper

146 100

148 61.0 50.9 76.3

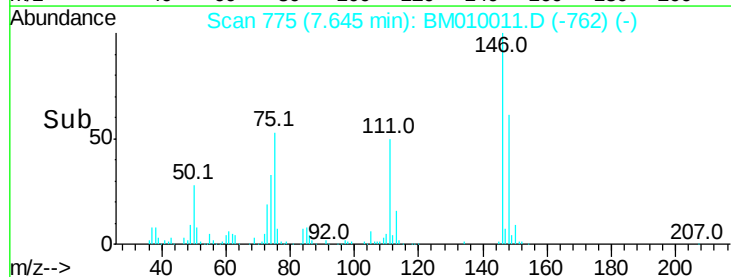
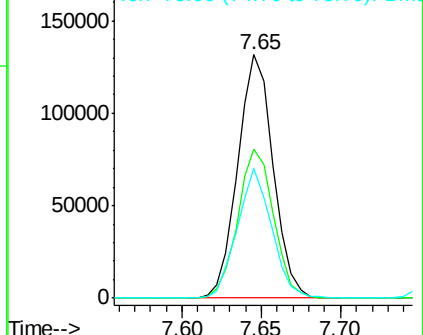
75 53.1 21.4 32.2#

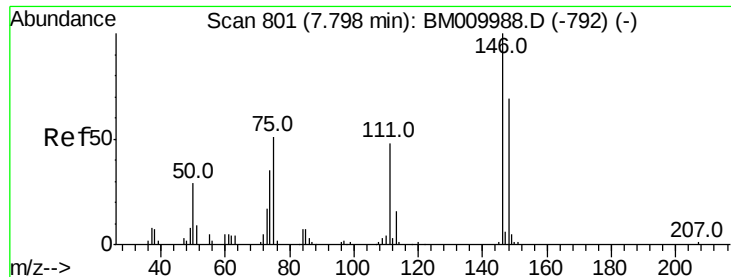


Abundance Ion 146.00 (145.70 to 146.70): BM010011.D (-762) (-)

Ion 148.00 (147.70 to 148.70): BM010011.D (-762) (-)

Ion 75.00 (74.70 to 75.70): BM010011.D (-762) (-)

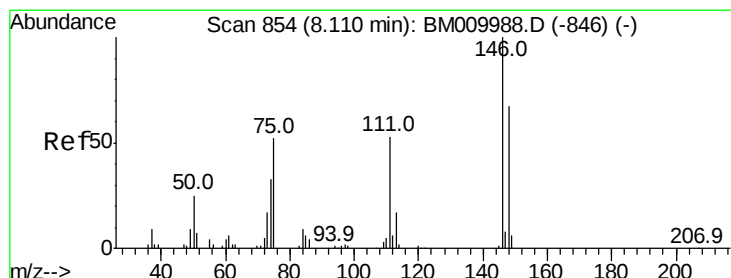
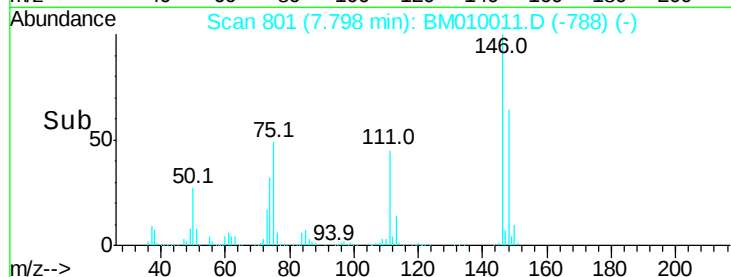
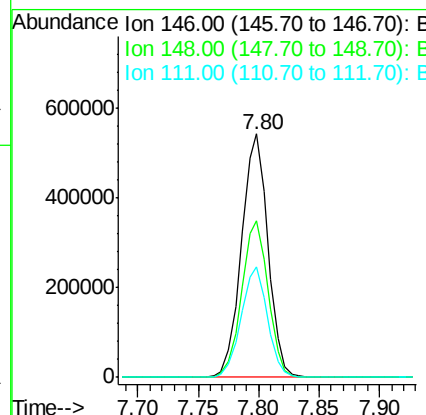
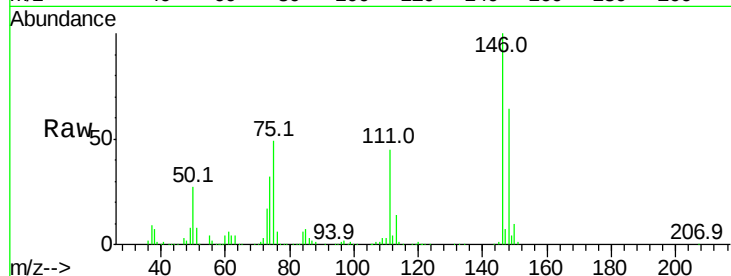




#13
 1,4-Dichlorobenzene
 Concen: 173.10 ng
 RT: 7.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BM010011.D
 Acq: 12 May 2017 07:05

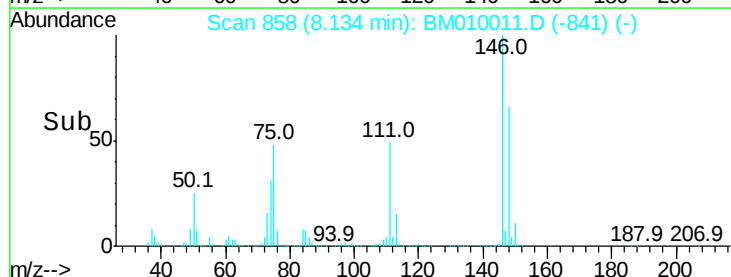
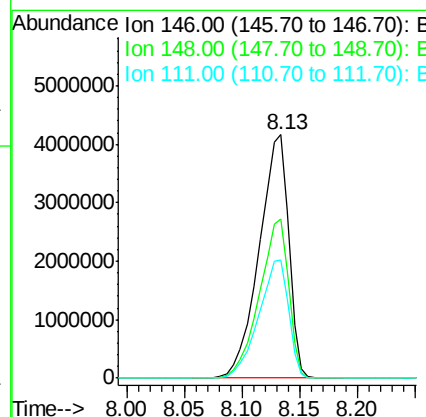
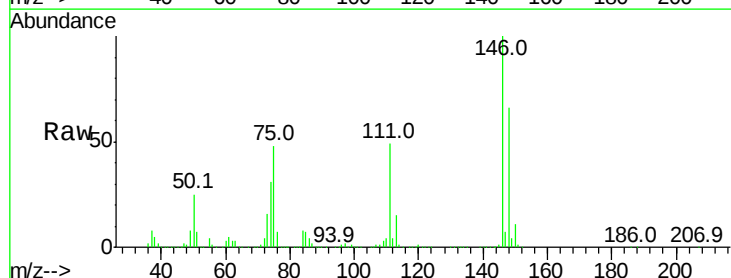
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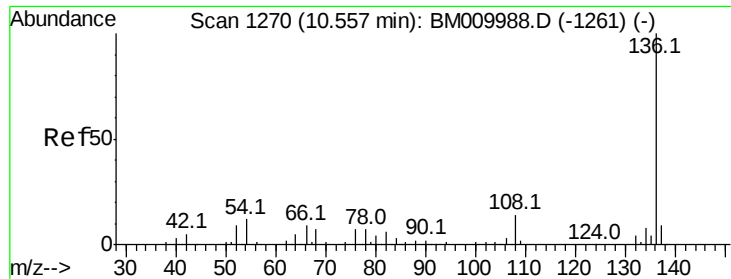
Tot Ion:146 Resp: 827721
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 45.2 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 1605.20 ng
 RT: 8.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BM010011.D
 Acq: 12 May 2017 07:05

Tgt Ion:146 Resp: 7441885
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 48.7 30.6 45.8#

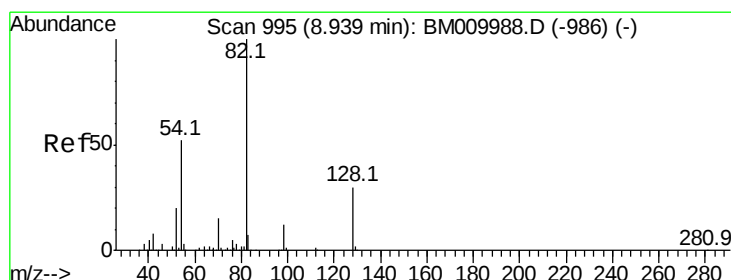
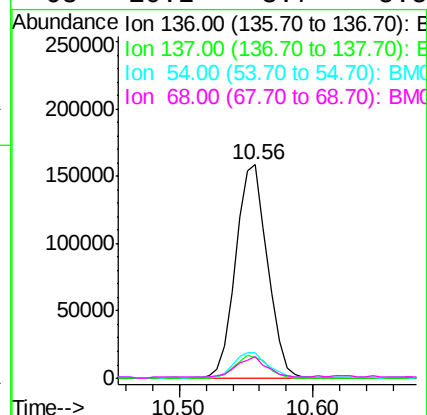
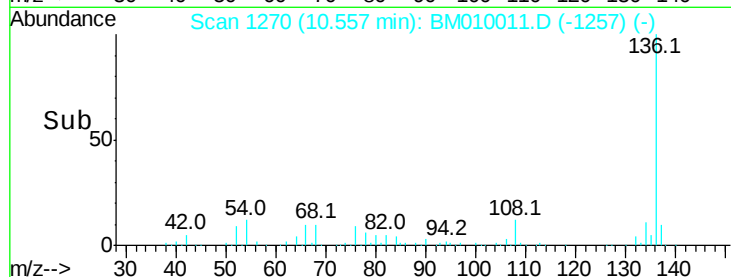
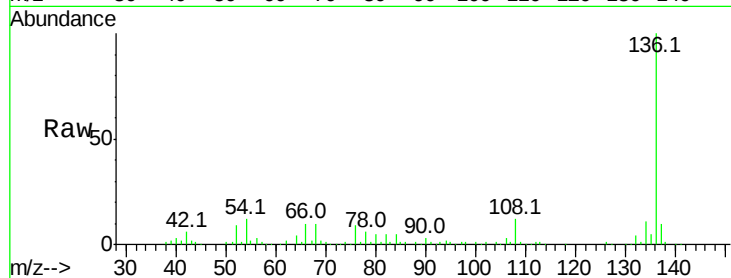




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM010011.D
Acq: 12 May 2017 07:05

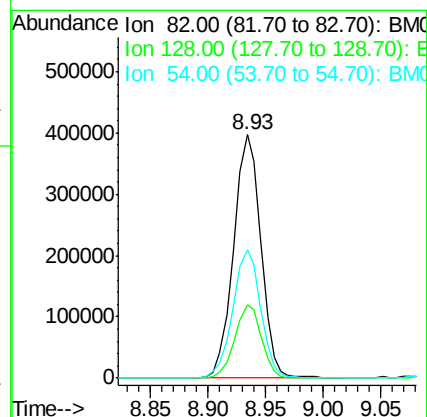
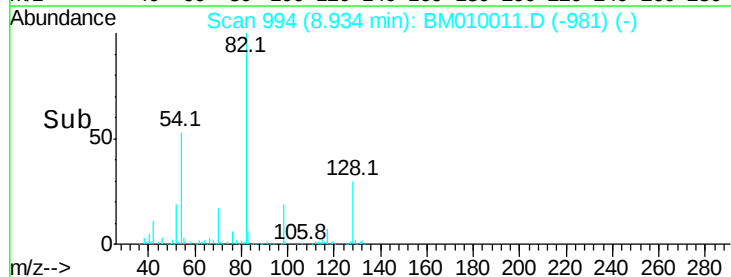
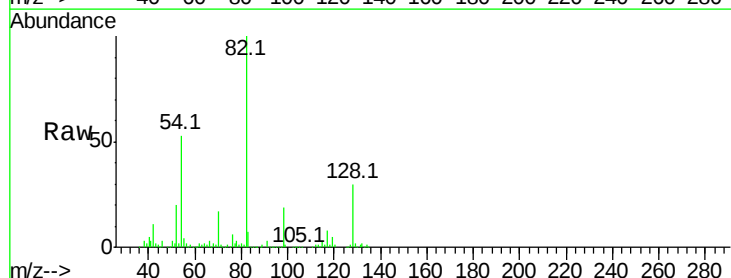
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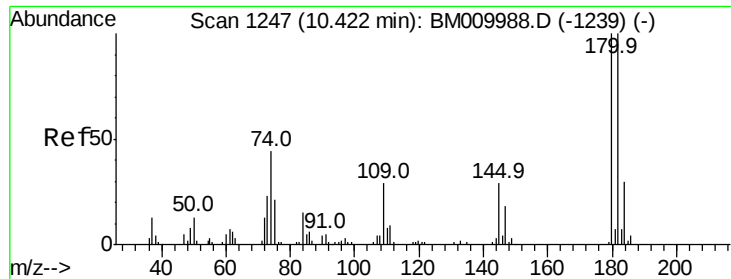
Tot Ion:	136	Resp:	262587
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	11.9	4.6	6.8#
68	10.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 90.67 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010011.D
Acq: 12 May 2017 07:05

Tgt Ion:	82	Resp:	651456
Ion	Ratio	Lower	Upper
82	100		
128	30.0	32.8	49.2#
54	52.9	40.6	60.8

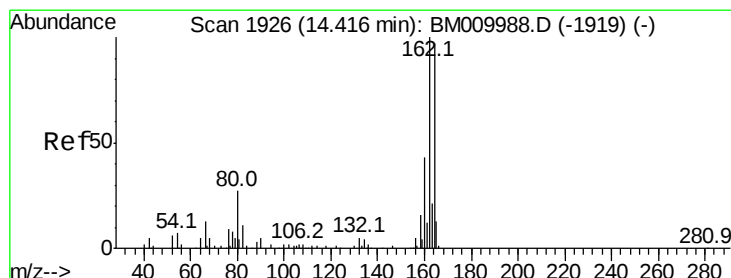
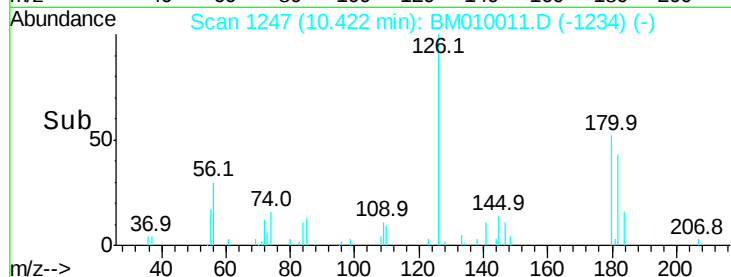
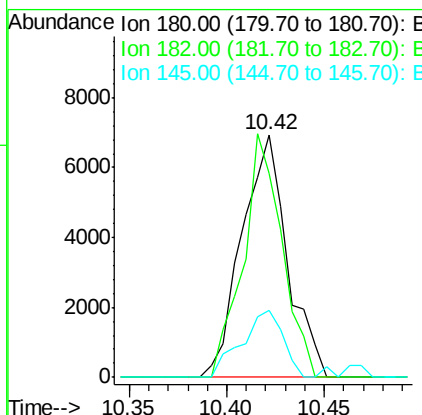
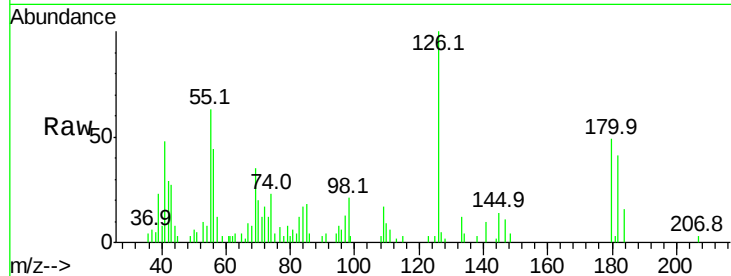




#30
 1,2,4-Trichlorobenzene
 Concen: 2.29 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BM010011.D
 Acq: 12 May 2017 07:05

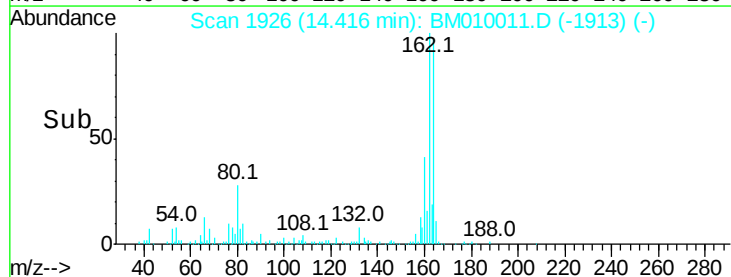
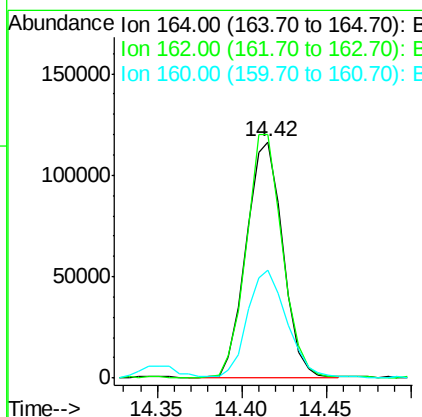
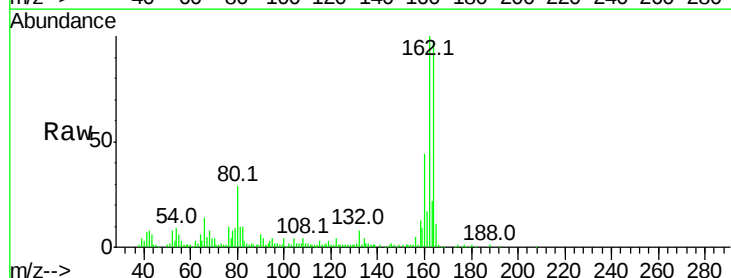
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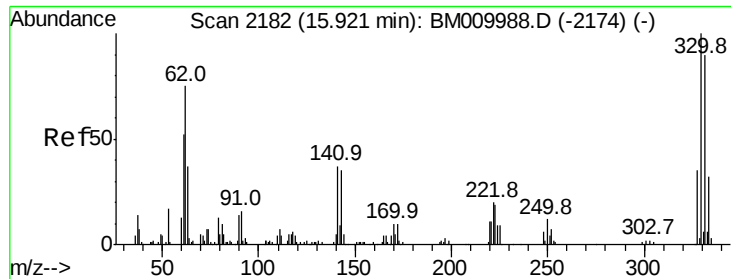
Tot Ion:180 Resp: 11201
 Ion Ratio Lower Upper
 180 100
 182 83.8 77.6 116.4
 145 27.5 23.4 35.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM010011.D
 Acq: 12 May 2017 07:05

Tgt Ion:164 Resp: 175814
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.4 123.6
 160 45.7 35.8 53.6

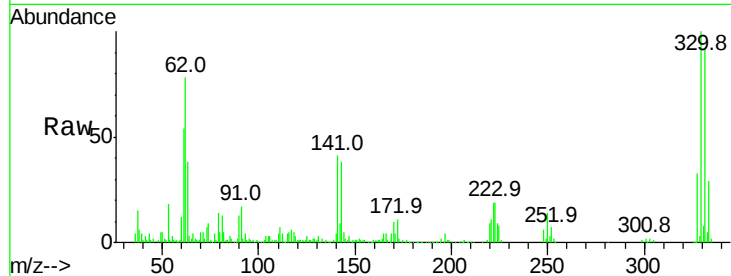




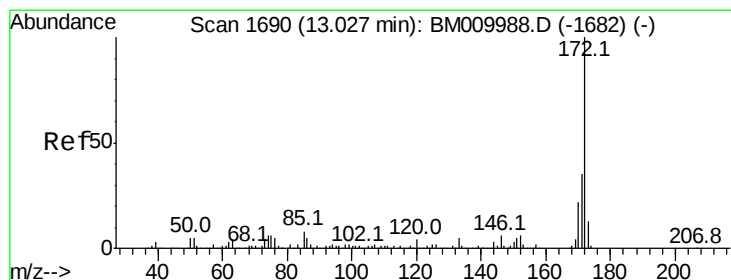
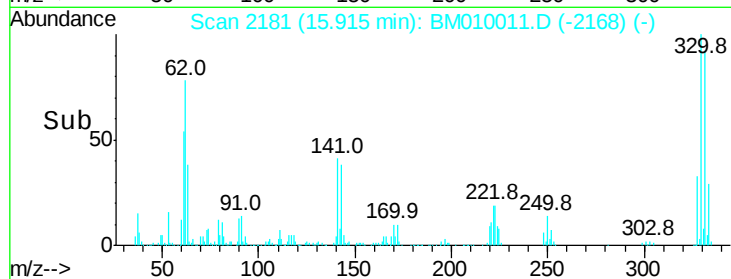
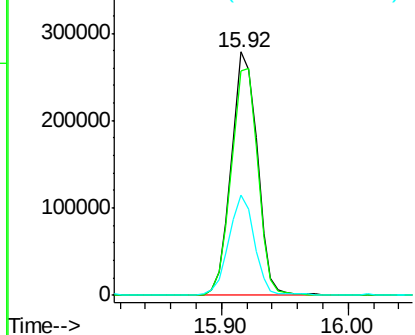
#41
 2,4,6-Tribromophenol
 Concen: 164.10 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010011.D
 Acq: 12 May 2017 07:05

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW009-170509

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	40.1	0.0	0.0#

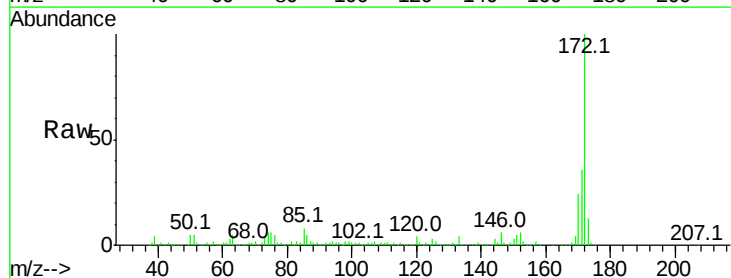


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

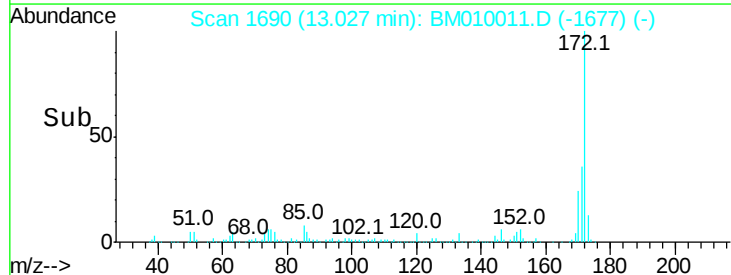
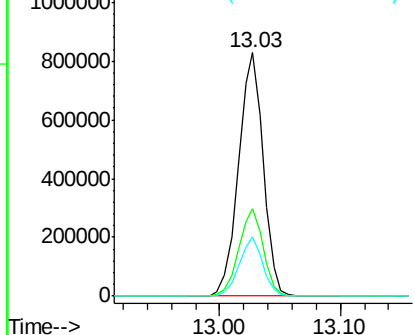


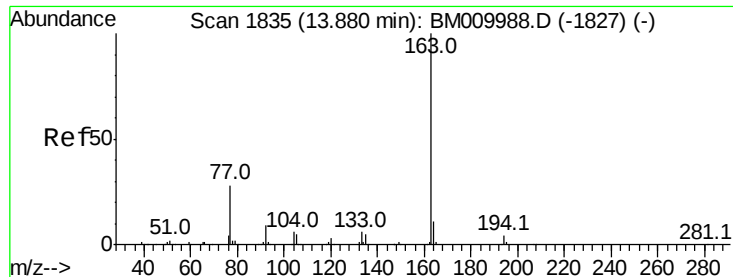
#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010011.D
 Acq: 12 May 2017 07:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.2	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: 3.18 ng

RT: 13.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM010011.D

Acq: 12 May 2017 07:05

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BNA_M

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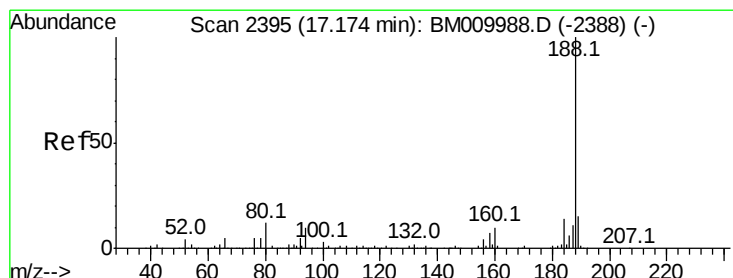
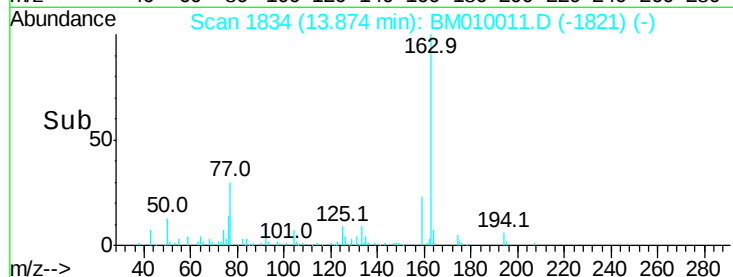
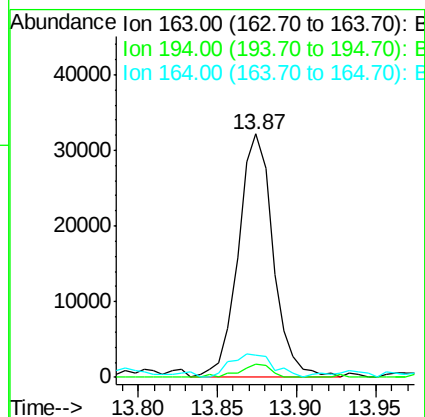
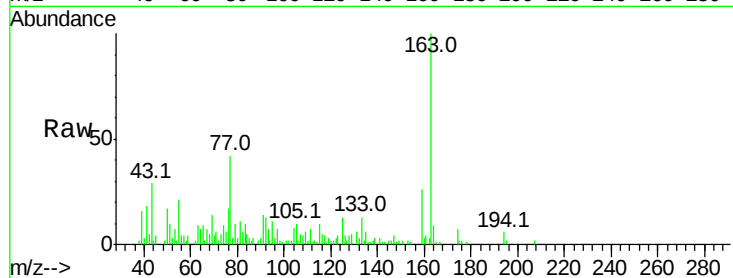
Tot Ion:163 Resp: 49231

Ion Ratio Lower Upper

163 100

194 5.5 2.7 4.1#

164 9.2 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010011.D

Acq: 12 May 2017 07:05

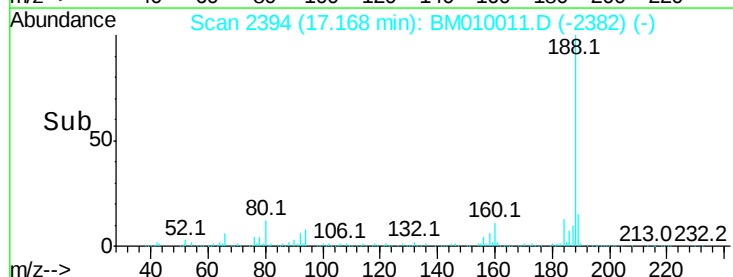
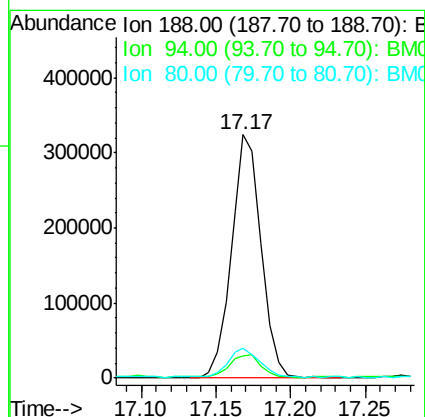
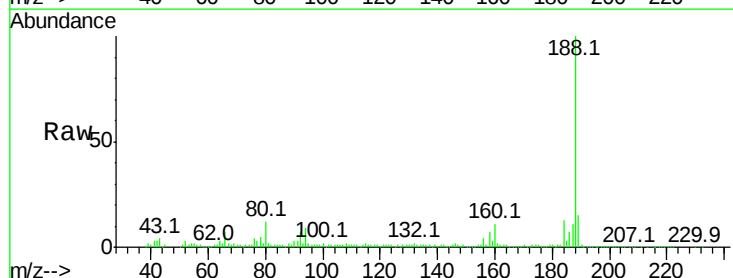
Tgt Ion:188 Resp: 447109

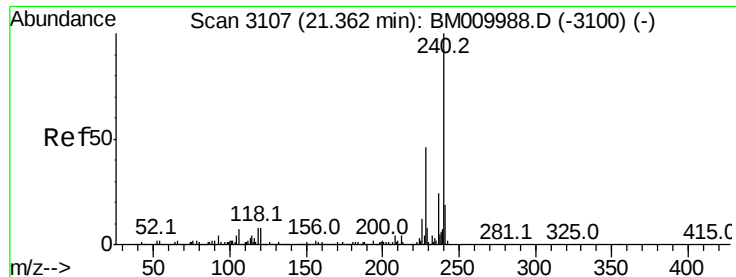
Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

80 12.2 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010011.D

Acq: 12 May 2017 07:05

Instrument :

BNA_M

ClientSampleId :

SS043MW009-170509

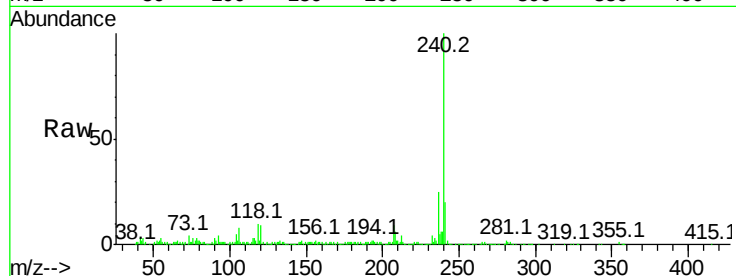
Tot Ion:240 Resp: 485129

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

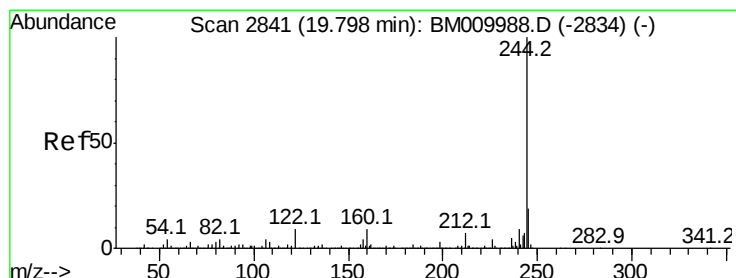
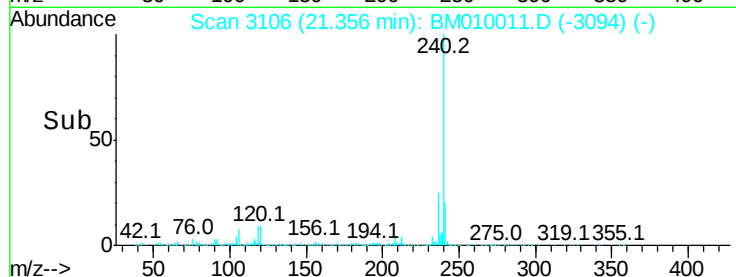
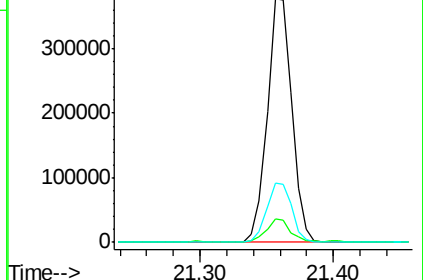
236 24.5 20.0 30.0



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: 79.75 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010011.D

Acq: 12 May 2017 07:05

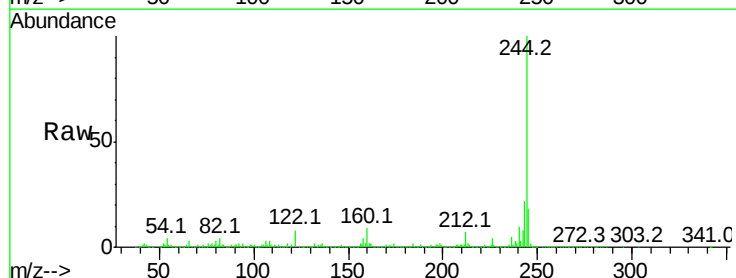
Tgt Ion:244 Resp: 1835647

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

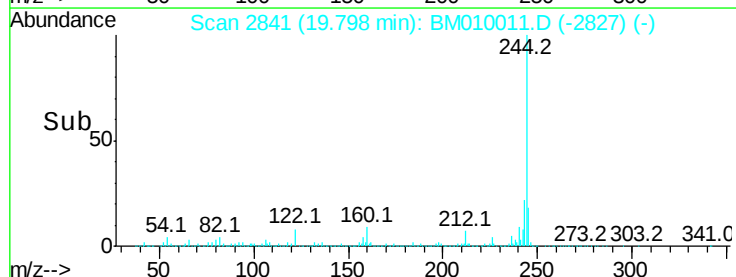
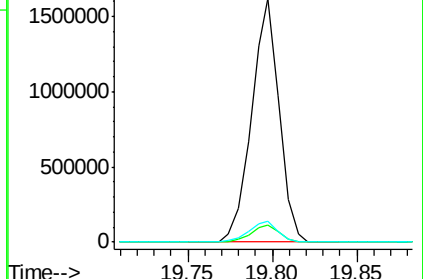
122 8.5 6.2 9.4

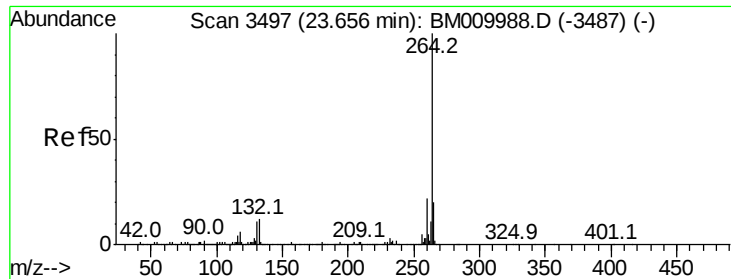


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

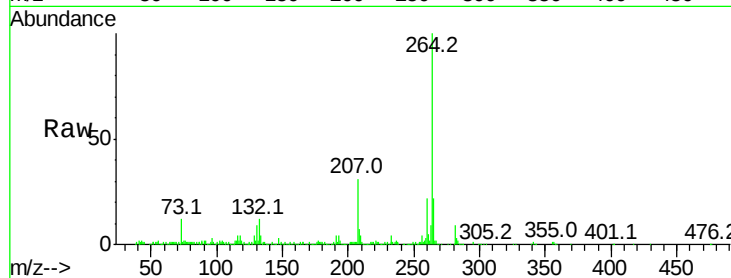




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010011.D
Acq: 12 May 2017 07:05

Instrument :
BNA_M
ClientSampleId :
SS043MW009-170509

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	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

